

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112997.D
 Acq On : 12 Mar 2019 11:20
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 12 12:00:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	128314	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	517004	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	266767	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	557060	20.00	ng	0.00
76) Chrysene-d12	13.87	240	398574	20.00	ng	0.00
87) Perylene-d12	15.27	264	348734	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	627158	76.03	ng	-0.01
7) Phenol-d6	6.37	99	790622	76.30	ng	0.00
23) Nitrobenzene-d5	7.29	82	704935	81.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	270022	95.34	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1320644	81.01	ng	0.00
79) Terphenyl-d14	12.82	244	1519987	73.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	149513	36.159	ng	96
3) Pyridine	3.06	79	395438	35.747	ng	98
4) n-Nitrosodimethylamine	2.98	42	135049	27.908	ng	90
6) Aniline	6.39	93	516352	36.202	ng	# 84
8) 2-Chlorophenol	6.52	128	356568	38.832	ng	94
9) Benzaldehyde	6.27	77	234588	31.420	ng	99
10) Phenol	6.38	94	451593	37.348	ng	90
11) bis(2-Chloroethyl)ether	6.46	93	333007	35.881	ng	99
12) 1,3-Dichlorobenzene	6.67	146	377794	39.828	ng	98
13) 1,4-Dichlorobenzene	6.75	146	381061	40.058	ng	99
14) 1,2-Dichlorobenzene	6.90	146	363648	41.700	ng	98
15) Benzyl Alcohol	6.87	79	297099	37.601	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	543506	35.091	ng	97
17) 2-Methylphenol	6.99	107	282032	37.861	ng	96
18) Hexachloroethane	7.25	117	126402	34.688	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	231364	35.255	ng	98
20) 3+4-Methylphenols	7.15	107	339376	40.353	ng	# 85
22) Acetophenone	7.14	105	486457	40.240	ng	# 93
24) Nitrobenzene	7.31	77	373263	38.815	ng	99
25) Isophorone	7.55	82	670786	36.037	ng	99
26) 2-Nitrophenol	7.63	139	186403	46.565	ng	98
27) 2,4-Dimethylphenol	7.67	122	280811	37.706	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	422805	36.331	ng	99
29) 2,4-Dichlorophenol	7.87	162	308720	42.747	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	321426	41.421	ng	99
31) Naphthalene	8.03	128	1026495	39.991	ng	99
32) Benzoic acid	7.78	122	222175	42.564	ng	91
33) 4-Chloroaniline	8.08	127	440200	40.490	ng	98
34) Hexachlorobutadiene	8.16	225	190636	43.560	ng	98
35) Caprolactam	8.45	113	107830	42.392	ng	99
36) 4-Chloro-3-methylphenol	8.57	107	327954	41.032	ng	95
37) 2-Methylnaphthalene	8.73	142	685651	41.364	ng	99
38) 1-Methylnaphthalene	8.82	142	662168	41.238	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	325175	41.801	ng	98

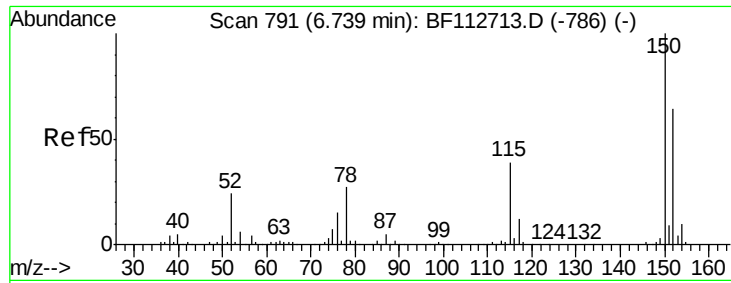
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112997.D
 Acq On : 12 Mar 2019 11:20
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 12 12:00:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	43655	10.248	nq	98
43) 2,4,6-Trichlorophenol	9.00	196	212295	39.653	nq	99
44) 2,4,5-Trichlorophenol	9.05	196	239092	41.316	nq	98
46) 1,1'-Biphenyl	9.19	154	864884	39.748	nq	99
47) 2-Chloronaphthalene	9.21	162	660180	38.857	nq	99
48) 2-Nitroaniline	9.30	65	220976	42.789	nq	98
49) Acenaphthylene	9.62	152	1123416	38.949	nq	99
50) Dimethylphthalate	9.49	163	773162	39.306	nq	99
51) 2,6-Dinitrotoluene	9.55	165	179244	43.760	nq	84
52) Acenaphthene	9.80	154	638452	37.851	nq	99
53) 3-Nitroaniline	9.72	138	219360	43.950	nq	99
54) 2,4-Dinitrophenol	9.82	184	26079	20.763	nq	95
55) Dibenzofuran	9.97	168	980012	39.976	nq	96
56) 4-Nitrophenol	9.88	139	163809	40.383	nq	87
57) 2,4-Dinitrotoluene	9.95	165	240779	47.290	nq	# 82
58) Fluorene	10.31	166	719454	41.349	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	209957	43.548	nq	94
60) Diethylphthalate	10.19	149	793164	38.179	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	360033	44.473	nq	92
62) 4-Nitroaniline	10.32	138	216844	47.016	nq	96
63) Azobenzene	10.46	77	773121	36.333	nq	93
65) 4,6-Dinitro-2-methylphenol	10.36	198	46061	22.803	nq	78
66) n-Nitrosodiphenylamine	10.42	169	681671	38.156	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	241998	41.244	nq	# 90
68) Hexachlorobenzene	10.86	284	279857	42.312	nq	# 86
69) Atrazine	10.95	200	218998	40.024	nq	98
70) Pentachlorophenol	11.05	266	152960	39.292	nq	99
71) Phenanthrene	11.26	178	1103839	39.827	nq	99
72) Anthracene	11.32	178	1137894	39.221	nq	99
73) Carbazole	11.47	167	1076713	38.044	nq	99
74) Di-n-butylphthalate	11.81	149	1337777	39.421	nq	99
75) Fluoranthene	12.44	202	1119579	37.703	nq	98
77) Benzidine	12.57	184	563781	27.264	nq	98
78) Pyrene	12.67	202	1128136	33.575	nq	100
80) Butylbenzylphthalate	13.29	149	524601	35.371	nq	96
81) Benzo(a)anthracene	13.86	228	924079	33.452	nq	99
82) 3,3'-Dichlorobenzidine	13.82	252	398915	38.183	nq	97
83) Chrysene	13.89	228	975774	36.062	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	673863	38.735	nq	100
85) Di-n-octyl phthalate	14.46	149	1235134	41.347	nq	97
86) Indeno(1,2,3-cd)pyrene	16.63	276	755065	32.732	nq	96
88) Benzo(b)fluoranthene	14.87	252	882784	39.136	nq	97
89) Benzo(k)fluoranthene	14.87	252	882784	43.205	nq	98
90) Benzo(a)pyrene	15.22	252	764450	38.314	nq	97
91) Dibenzo(a,h)anthracene	16.64	278	638652	37.512	nq	97
92) Benzo(g,h,i)perylene	17.04	276	599495	35.067	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

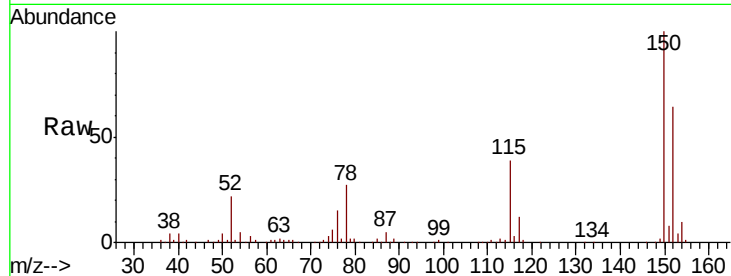


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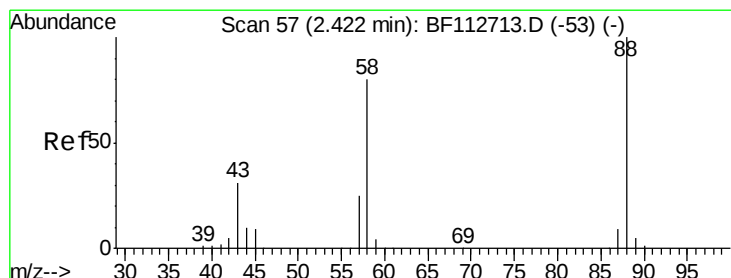
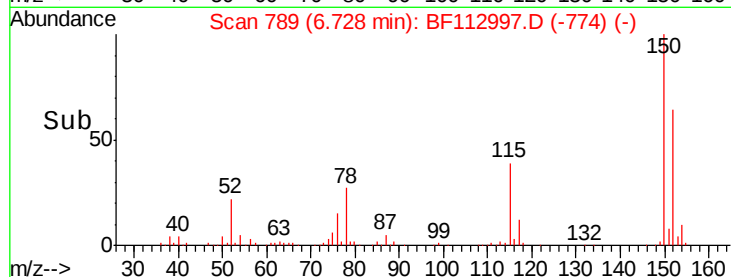
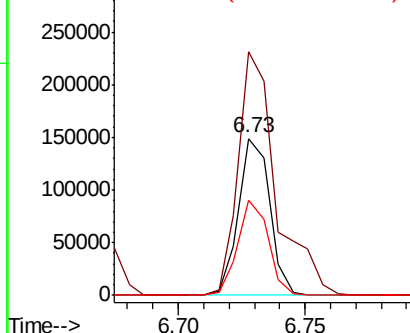
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128314
Ion Ratio Lower Upper
152 100
150 155.5 124.2 186.2
115 60.6 48.2 72.4



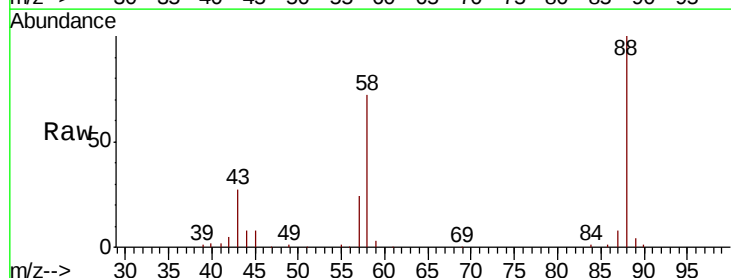
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



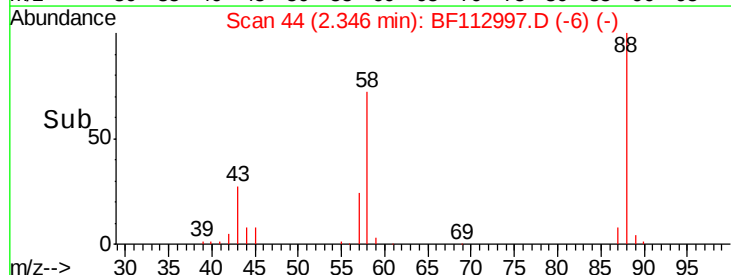
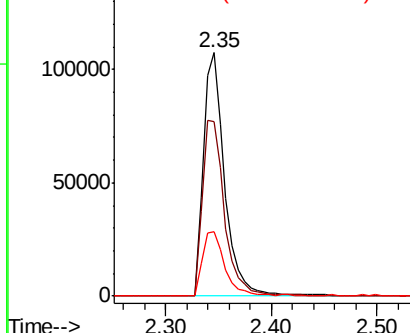
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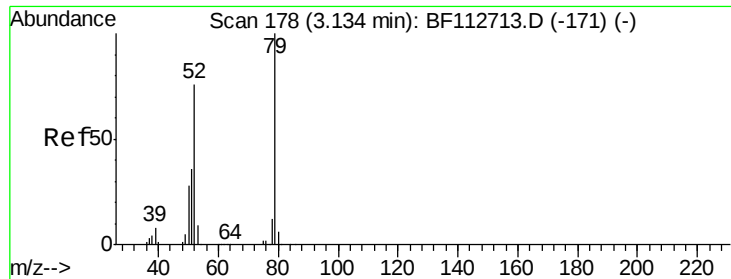
1,4-Dioxane
Concen: 36.159 ng
RT: 2.35 min Scan# 44
Delta R.T. -0.08 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion: 88 Resp: 149513
Ion Ratio Lower Upper
88 100
58 74.8 63.1 94.7
43 28.5 24.3 36.5



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

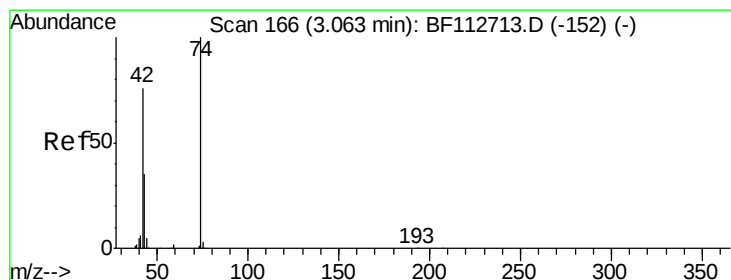
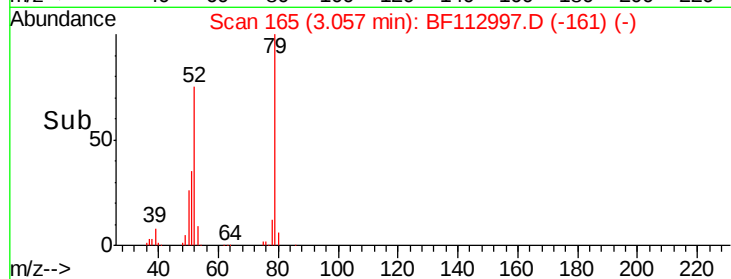
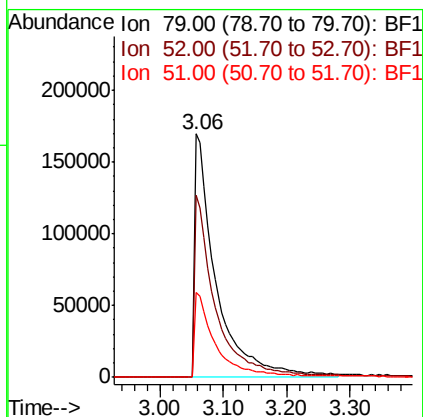
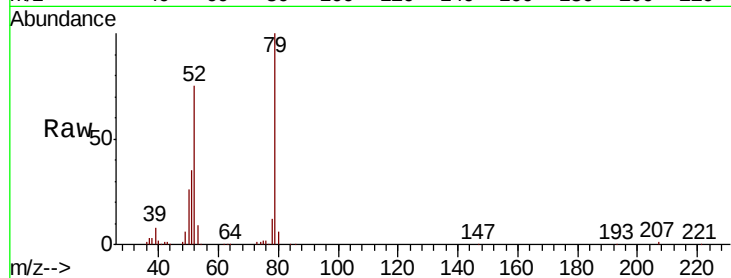




#3
 Pvridine
 Concen: 35.747 ng
 RT: 3.06 min Scan# 165
 Delta R.T. -0.08 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

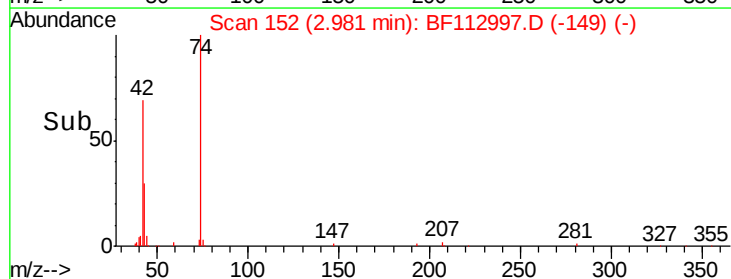
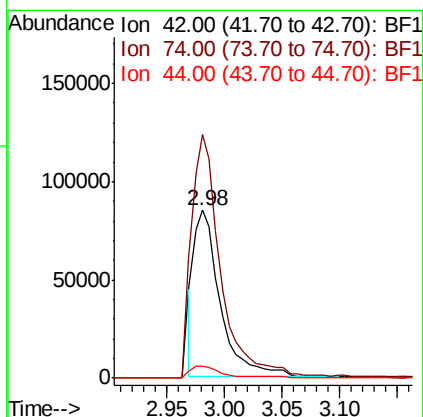
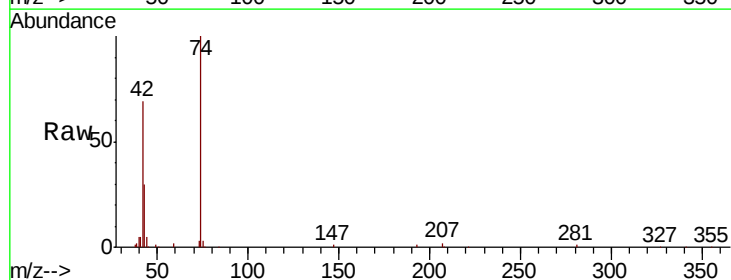
Instrument :
 BNA_F
 ClientSampleId :

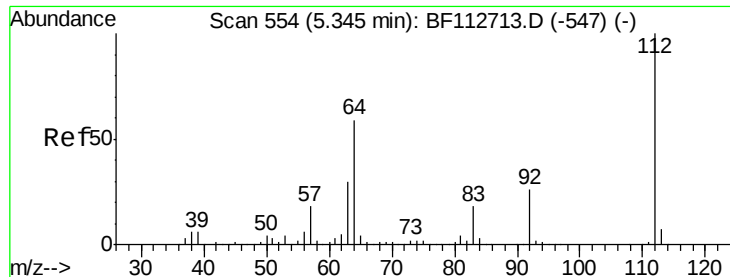
Tot Ion: 79 Resp: 395438
 Ion Ratio Lower Upper
 79 100
 52 74.6 60.5 90.7
 51 34.7 28.8 43.2



#4
 n-Nitrosodimethylamine
 Concen: 27.908 ng
 RT: 2.98 min Scan# 152
 Delta R.T. -0.08 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Tgt Ion: 42 Resp: 135049
 Ion Ratio Lower Upper
 42 100
 74 144.9 105.8 158.8
 44 7.3 6.2 9.2





#5

2-Fluorophenol

Concen: 76.030 ng

RT: 5.33 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

ClientSampleId :

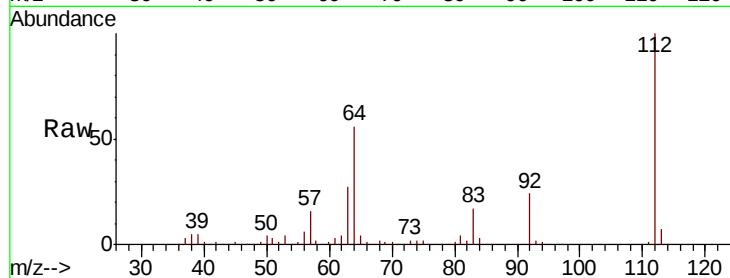
Tot Ion:112 Resp: 627158

Ion Ratio Lower Upper

112 100

64 55.9 47.6 71.4

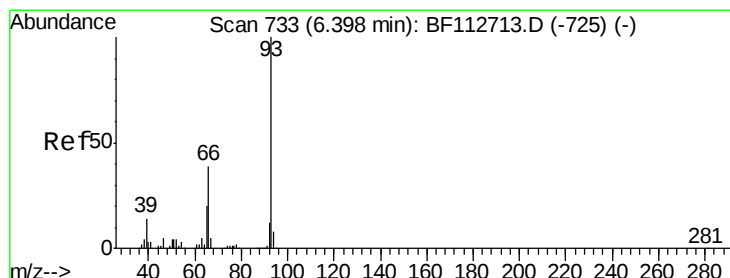
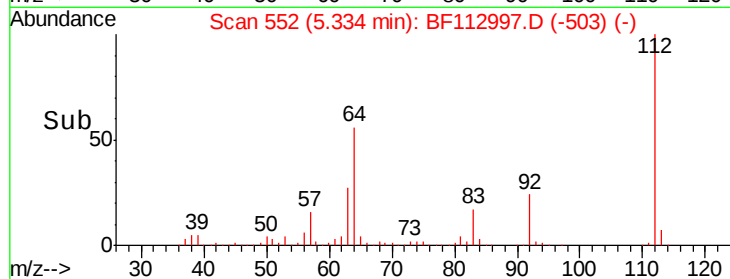
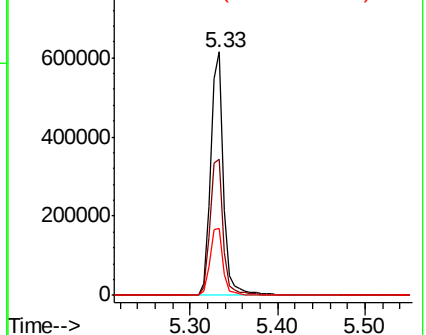
63 27.3 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.202 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

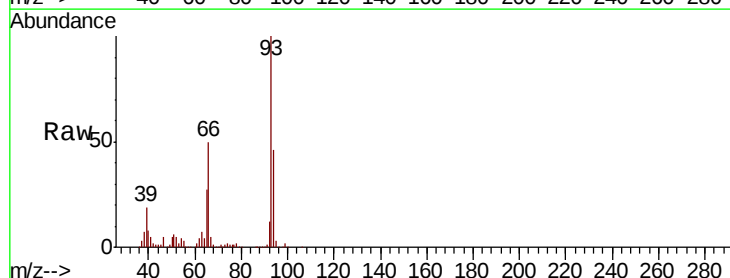
Tgt Ion: 93 Resp: 516352

Ion Ratio Lower Upper

93 100

66 50.2 32.2 48.2#

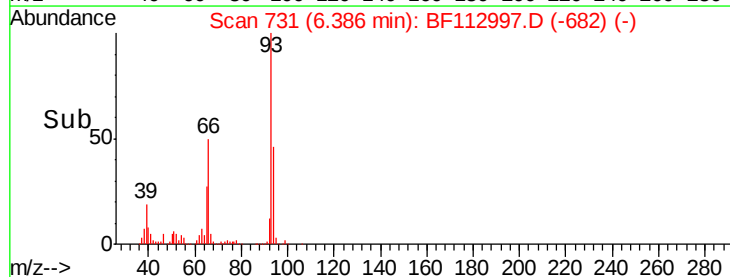
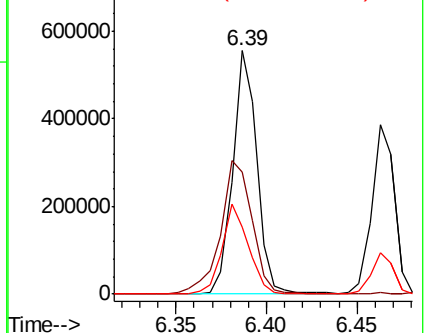
65 27.4 16.2 24.4#

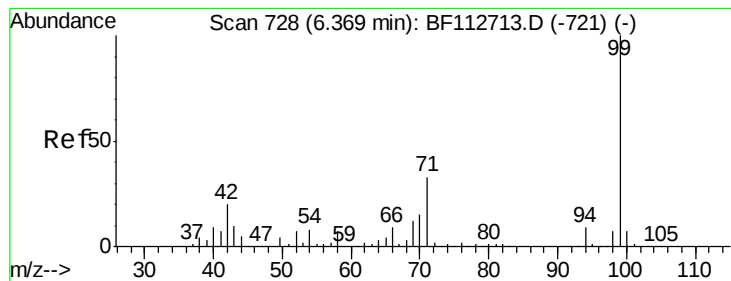


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.301 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

ClientSampled :

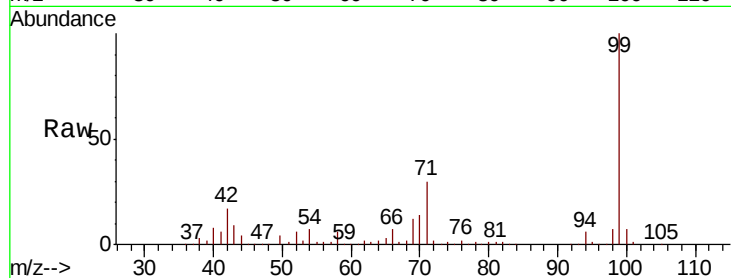
Tot Ion: 99 Resp: 790622

Ion Ratio Lower Upper

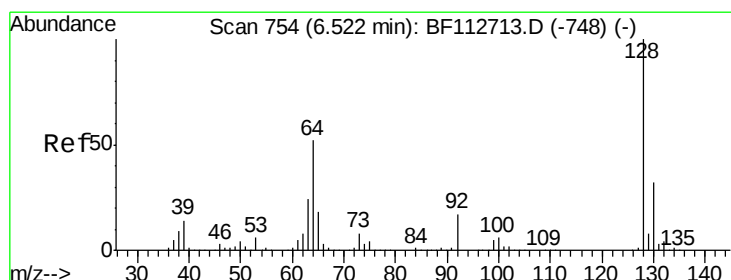
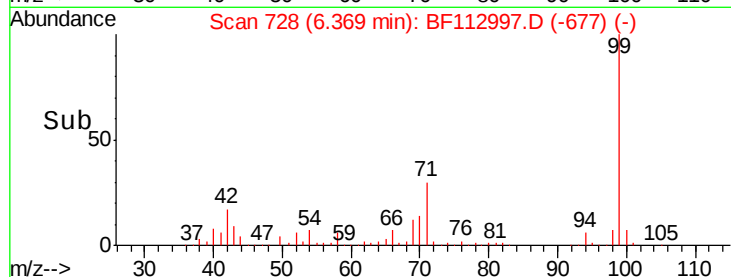
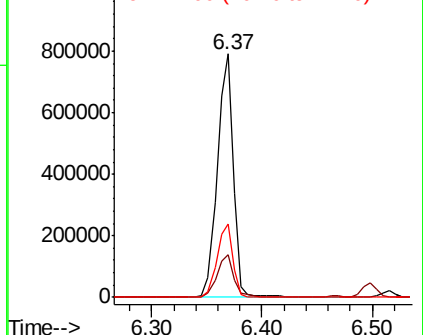
99 100

42 17.4 16.3 24.5

71 30.0 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.832 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

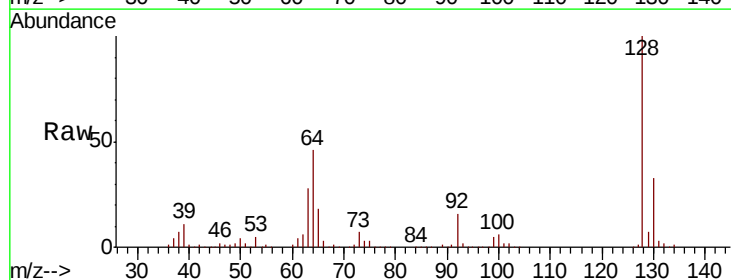
Tgt Ion: 128 Resp: 356568

Ion Ratio Lower Upper

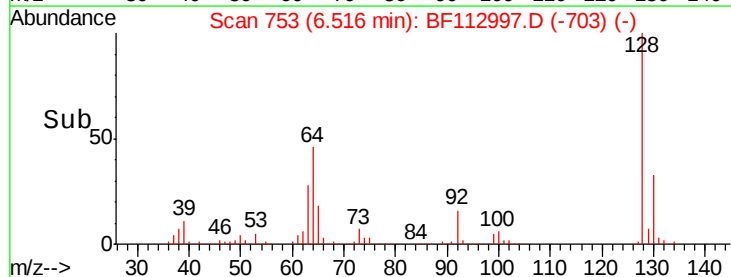
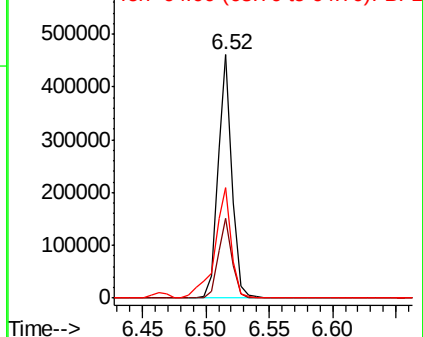
128 100

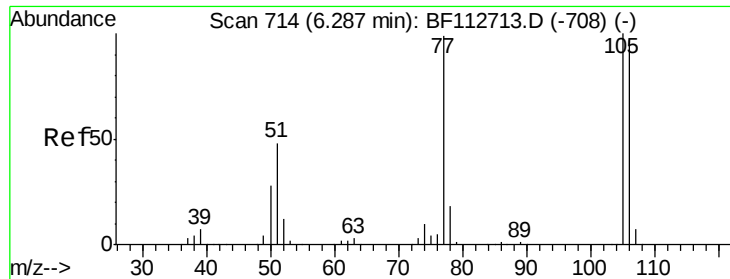
130 32.6 12.4 52.4

64 45.6 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.420 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

ClientSampleId :

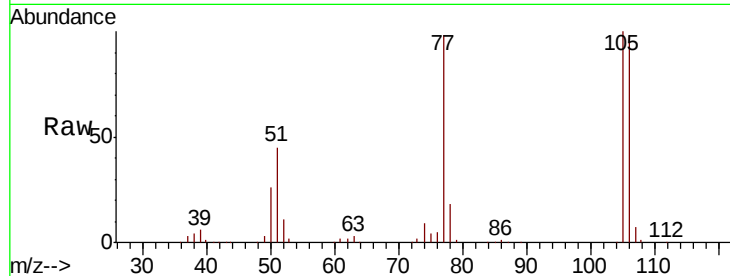
Tot Ion: 77 Resp: 234588

Ion Ratio Lower Upper

77 100

105 101.7 81.4 121.4

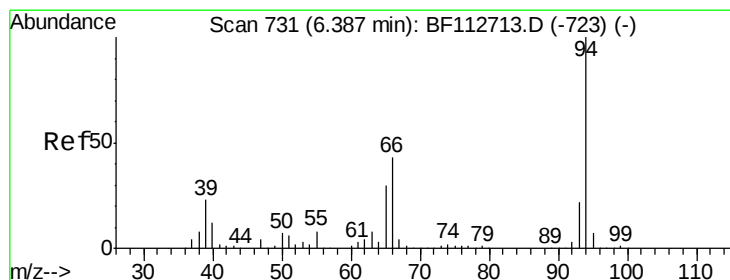
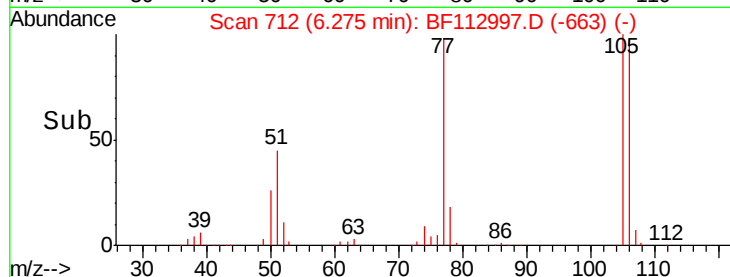
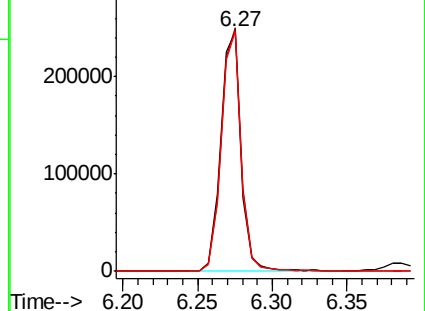
106 100.1 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.348 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

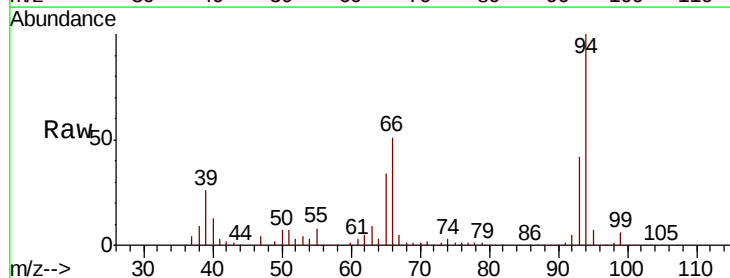
Tgt Ion: 94 Resp: 451593

Ion Ratio Lower Upper

94 100

65 34.2 10.5 50.5

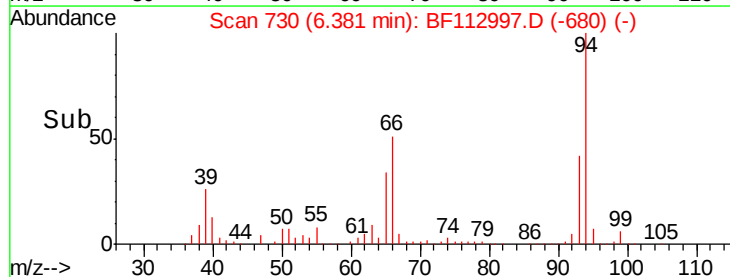
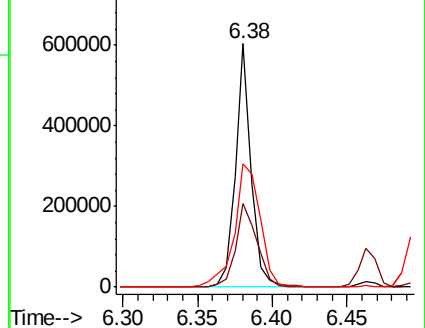
66 50.6 22.6 62.6

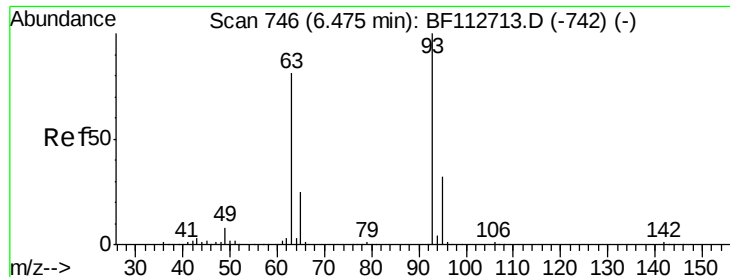


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



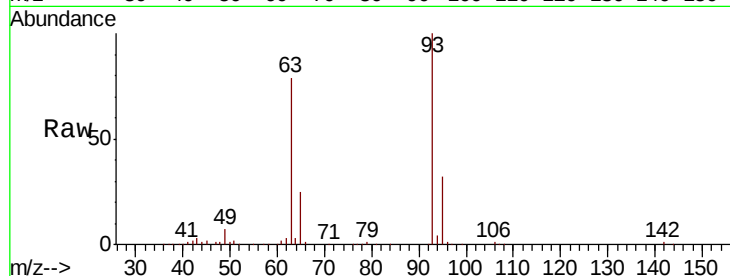


#11

bis(2-Chloroethyl)ether
Concen: 35.881 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.4	60.5	100.5
95	32.3	12.1	52.1

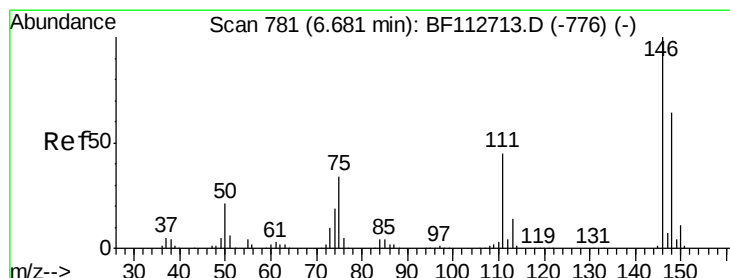
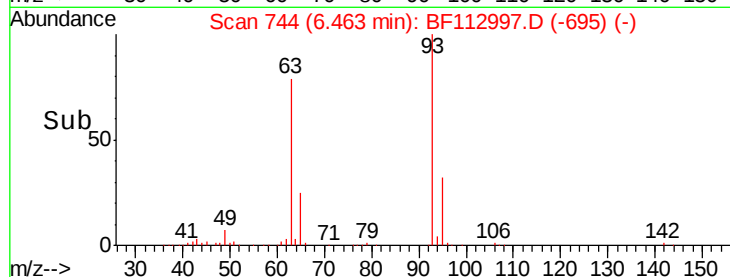
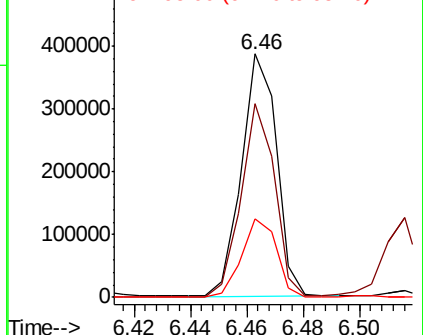


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

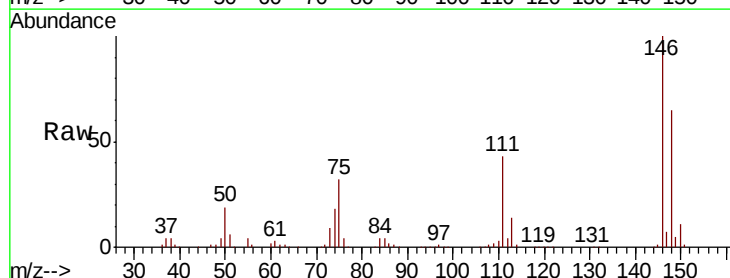
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene
Concen: 39.828 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.9	76.3
75	32.1	26.9	40.3

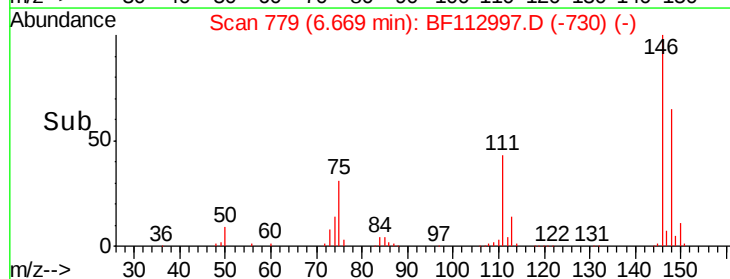
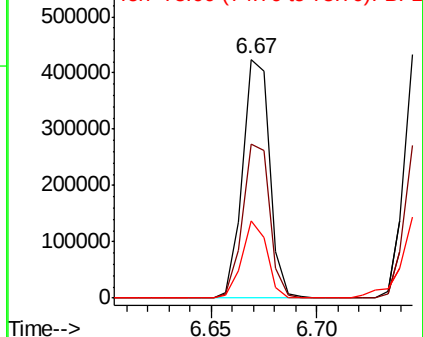


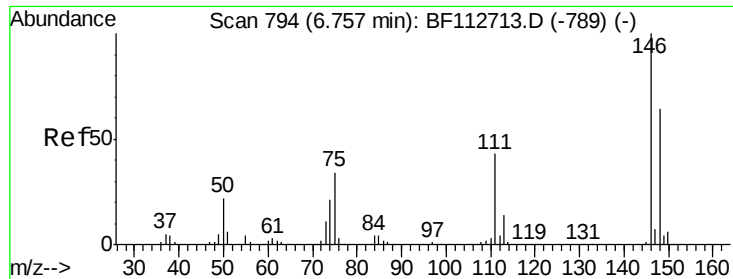
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

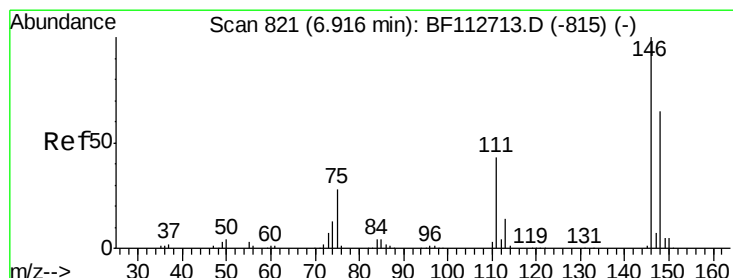
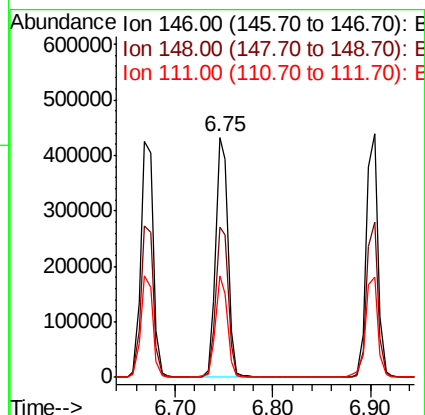
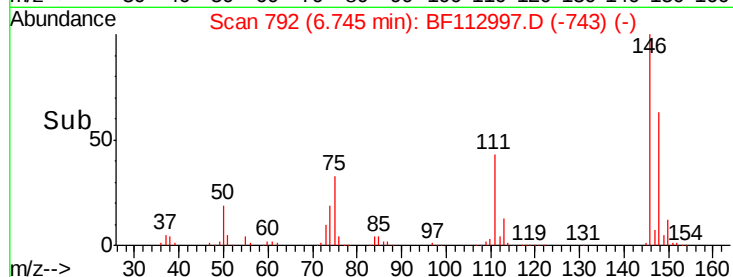
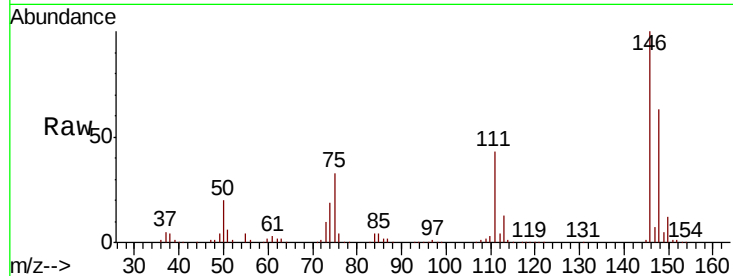




#13
 1,4-Dichlorobenzene
 Concen: 40.058 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

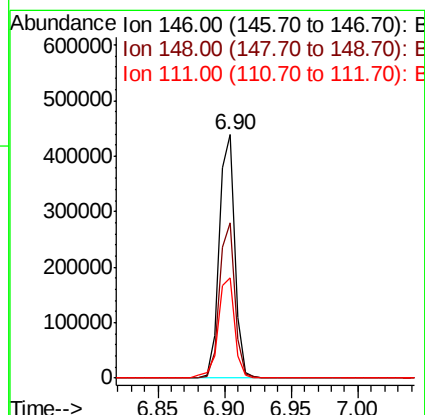
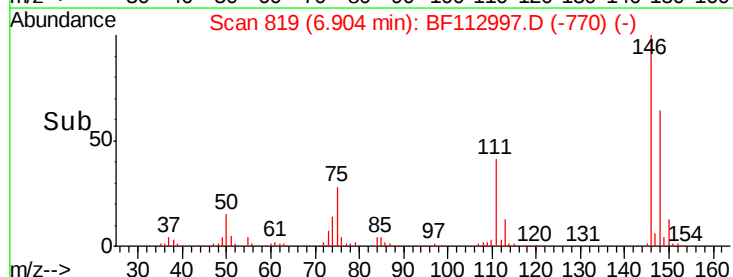
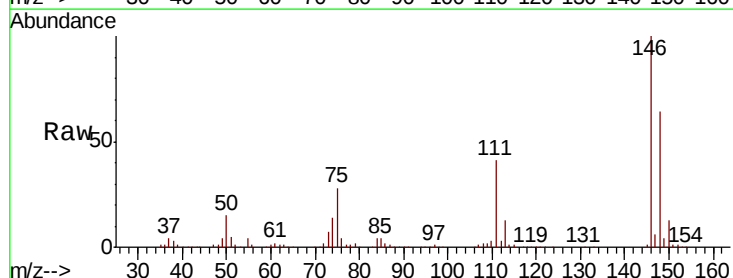
Instrument :
 BNA_F
 ClientSampled :

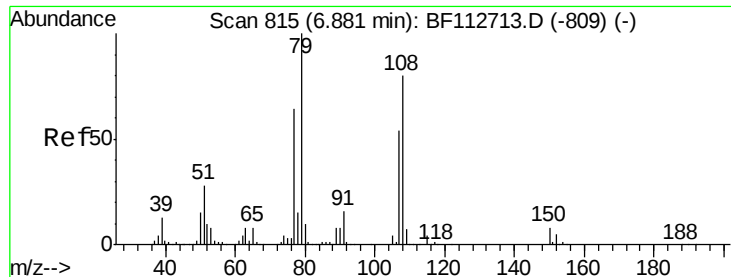
Tot Ion:146 Resp: 381061
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.0 76.4
 111 42.5 34.5 51.7



#14
 1,2-Dichlorobenzene
 Concen: 41.700 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Tgt Ion:146 Resp: 363648
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.0 78.0
 111 41.1 34.8 52.2





#15

Benzyl Alcohol

Concen: 37.601 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

ClientSampled :

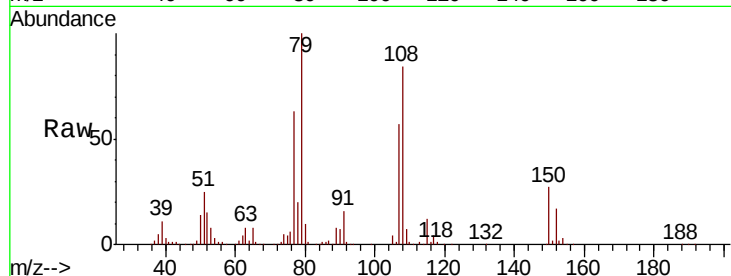
Tot Ion: 79 Resp: 297099

Ion Ratio Lower Upper

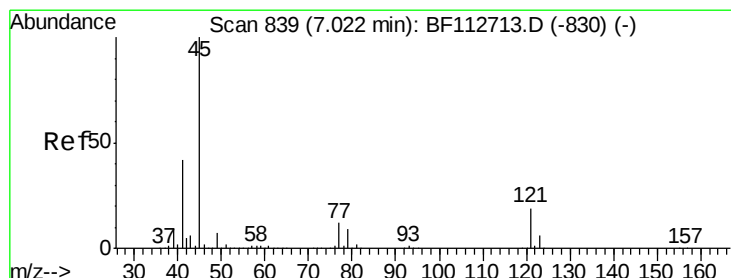
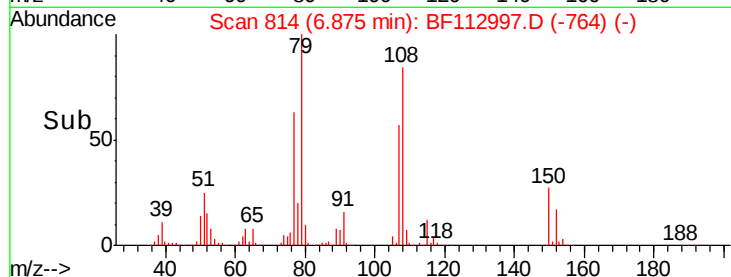
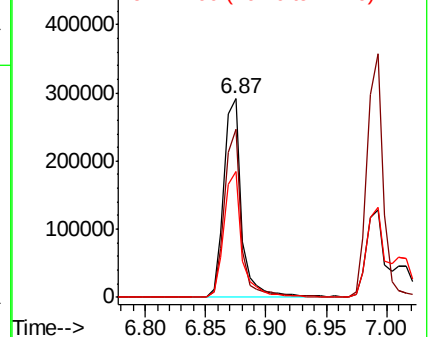
79 100

108 84.3 64.2 96.4

77 63.4 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.091 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

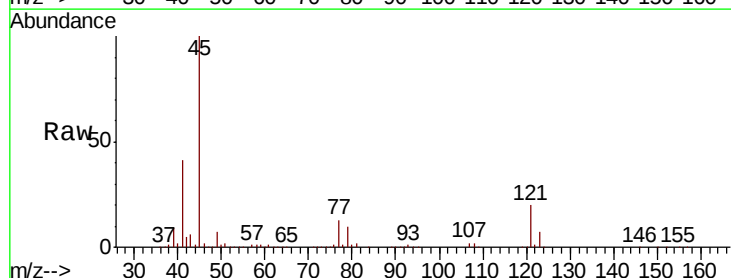
Tgt Ion: 45 Resp: 543506

Ion Ratio Lower Upper

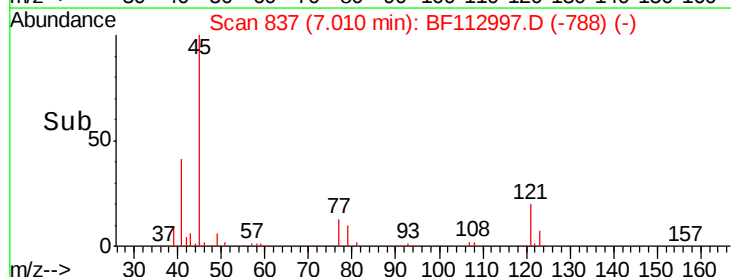
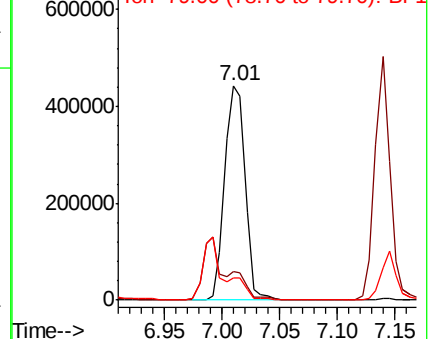
45 100

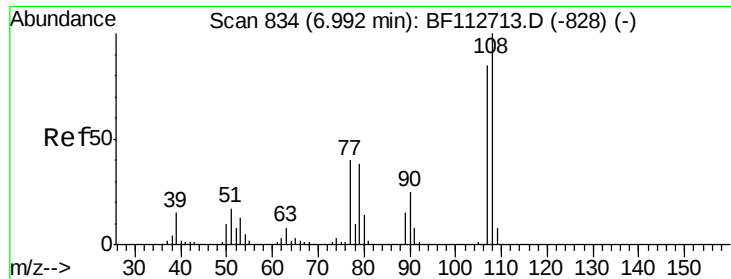
77 13.4 0.0 32.1

79 10.2 0.0 29.4



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

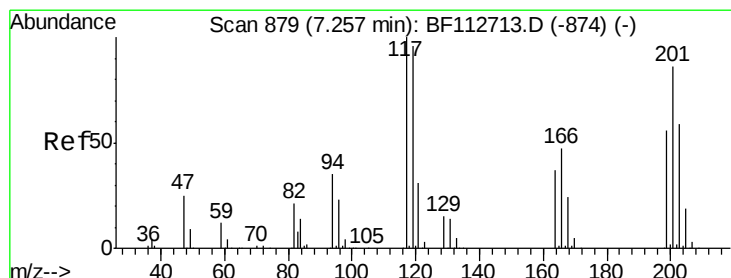
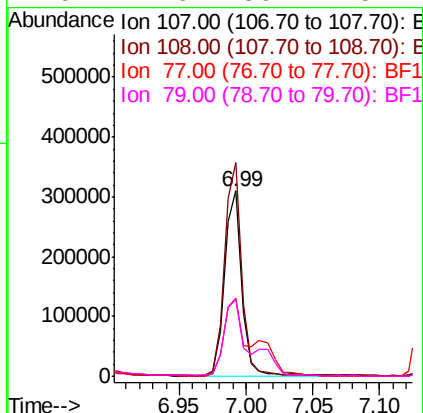
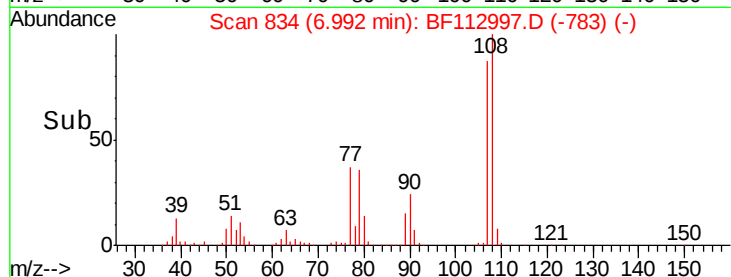
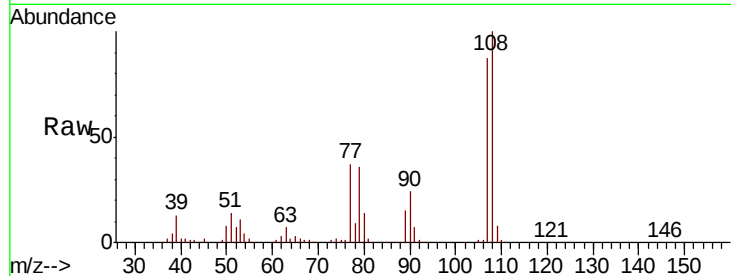




#17
2-Methylphenol
Concen: 37.861 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

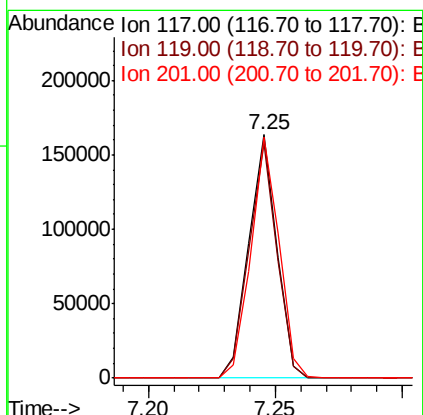
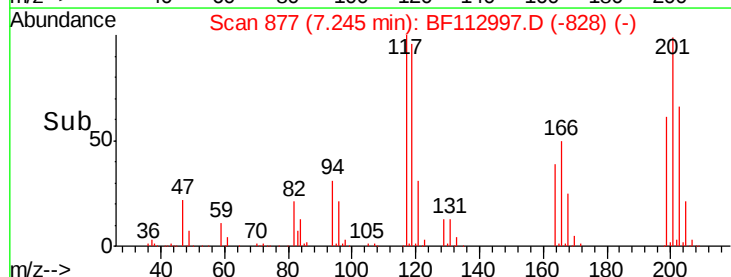
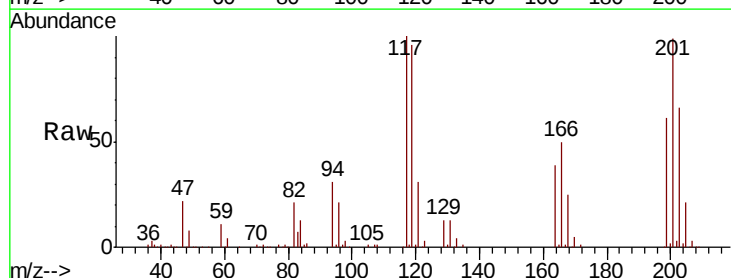
Instrument :
BNA_F
ClientSampleId :

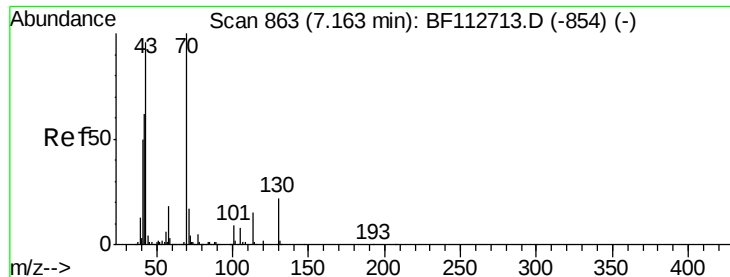
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.2	94.6	142.0
77	42.4	37.8	56.8
79	41.6	36.2	54.2



#18
Hexachloroethane
Concen: 34.688 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.6	115.0
201	98.8	68.9	103.3

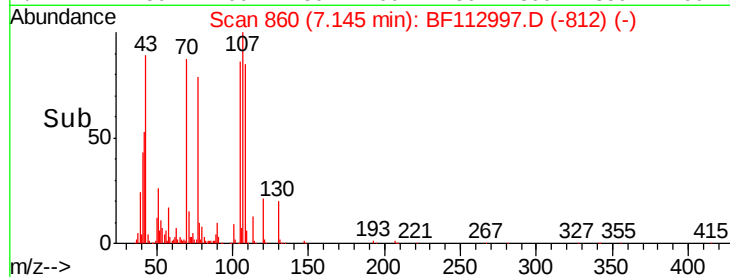
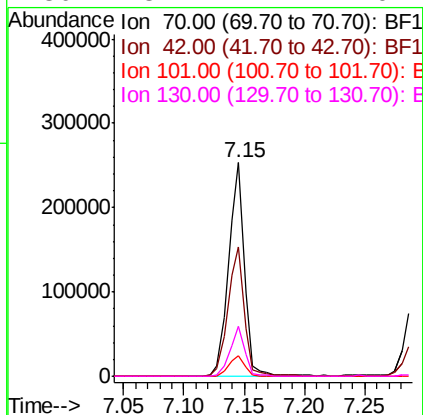
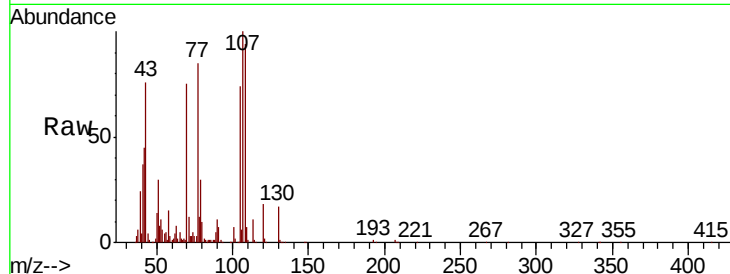




#19
n-Nitroso-di-n-propylamine
Concen: 35.255 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

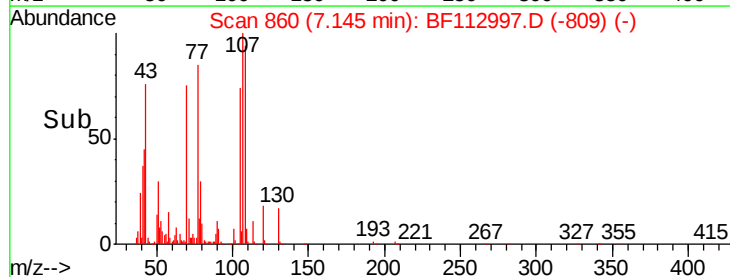
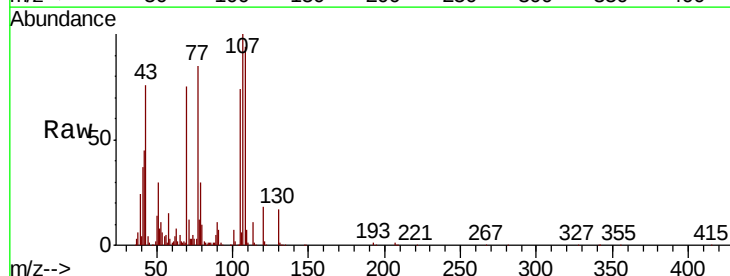
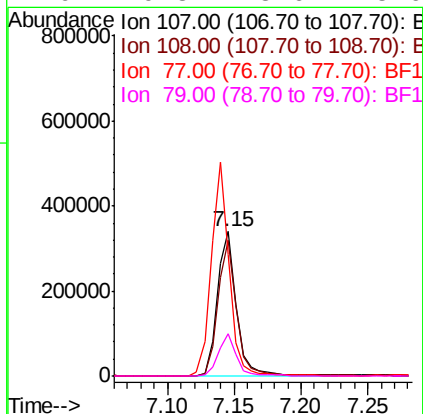
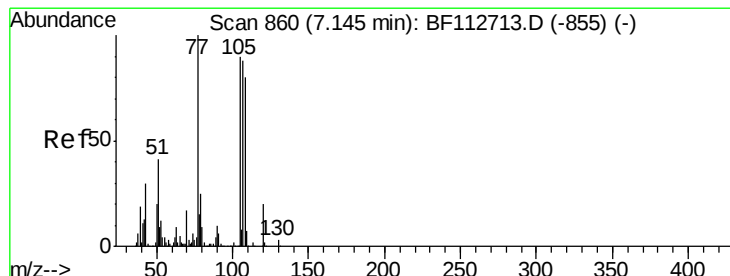
Instrument :
BNA_F
ClientSampleId :

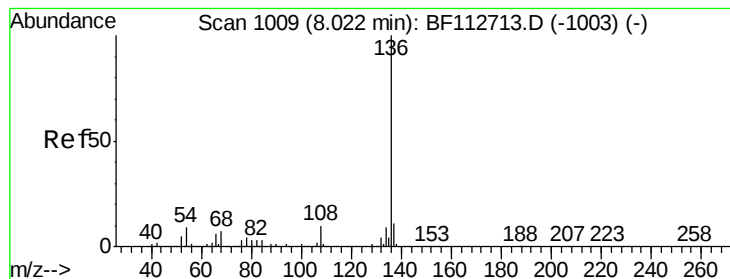
Tot Ion:	70	Resp:	231364
Ion	Ratio	Lower	Upper
70	100		
42	60.8	49.9	74.9
101	9.9	7.4	11.2
130	23.2	17.4	26.2



#20
3+4-Methylphenols
Concen: 40.353 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion:	107	Resp:	339376
Ion	Ratio	Lower	Upper
107	100		
108	93.9	71.4	111.4
77	84.5	94.1	134.1#
79	29.8	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 517004

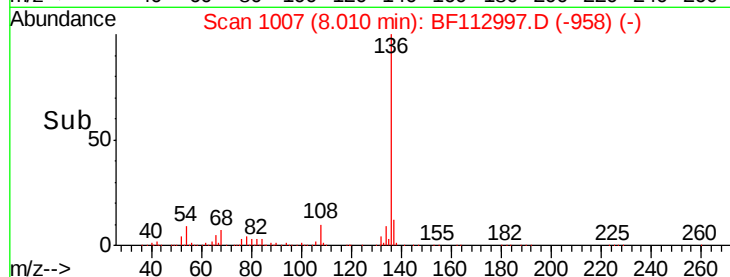
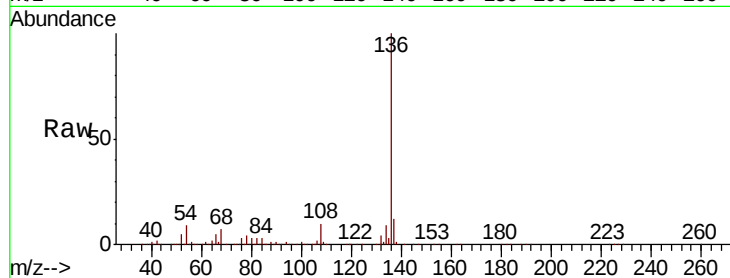
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.0 7.3 10.9

68 6.5 5.4 8.2



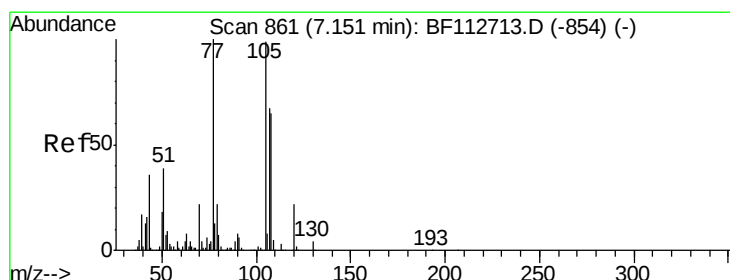
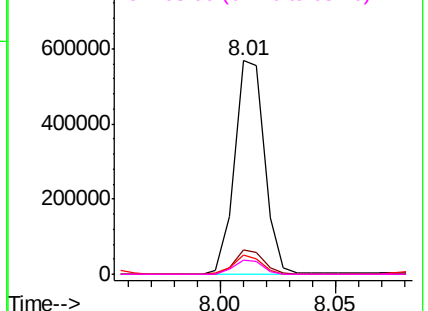
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.240 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Tgt Ion:105 Resp: 486457

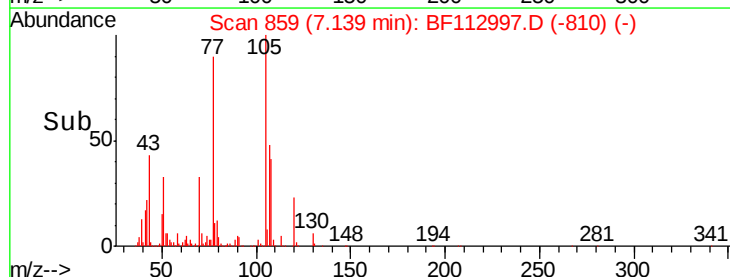
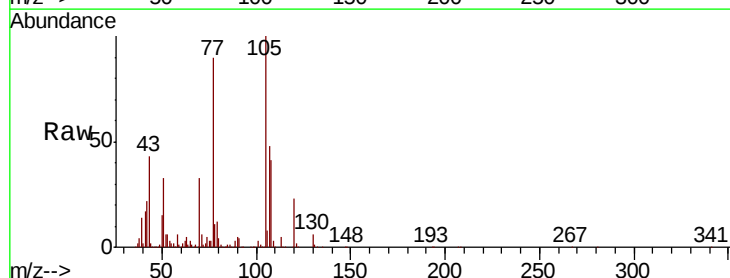
Ion Ratio Lower Upper

105 100

71 5.5 3.0 4.4#

51 32.7 31.5 47.3

120 22.8 18.1 27.1



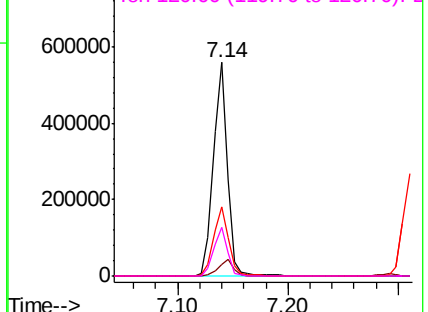
Abundance

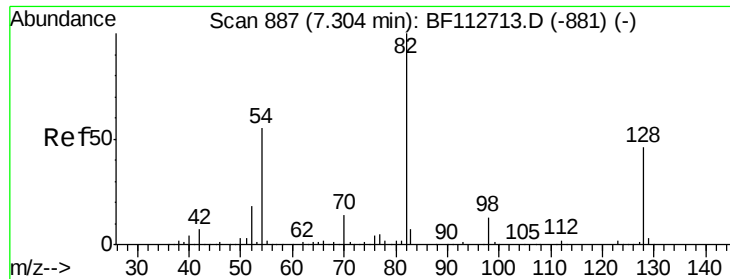
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

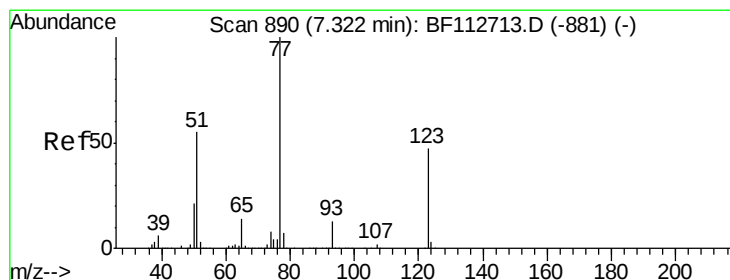
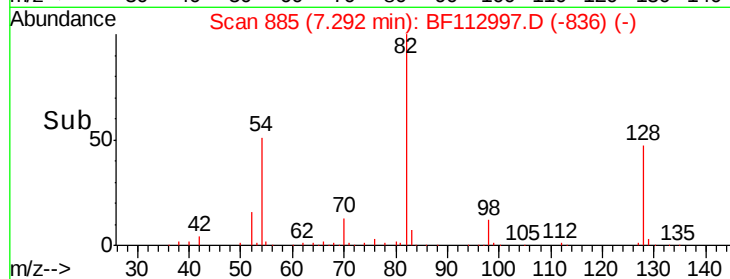
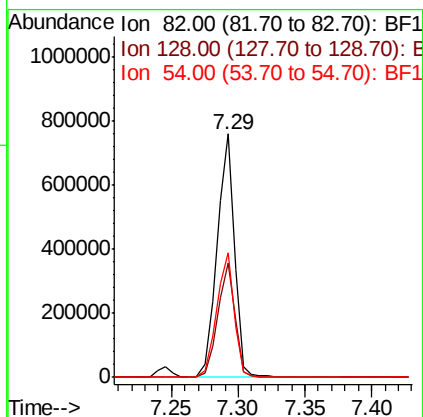
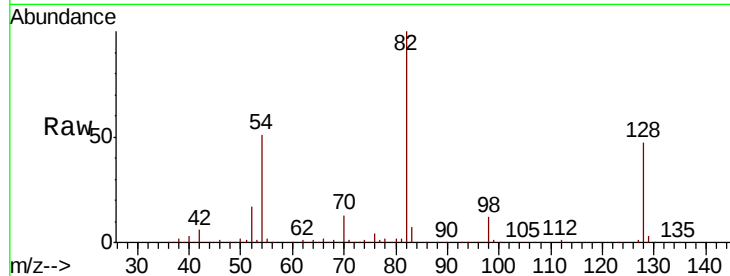




#23
 Nitrobenzene-d5
 Concen: 81.589 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

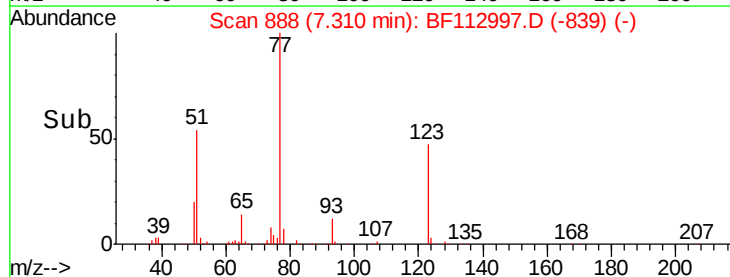
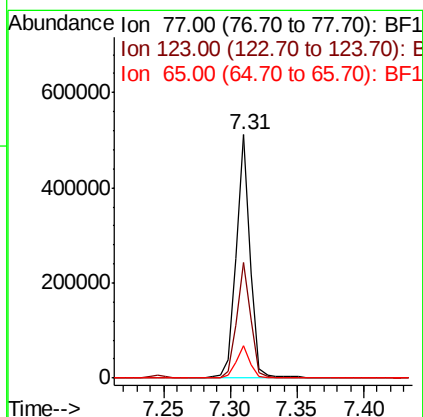
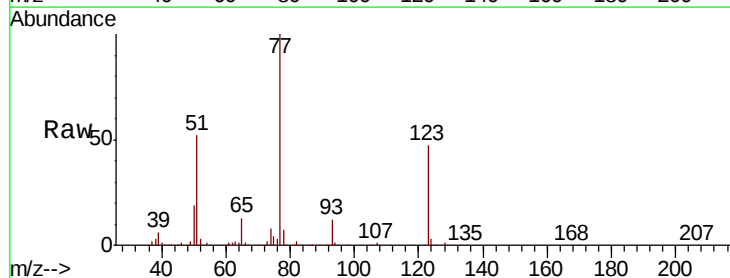
Instrument :
 BNA_F
 ClientSampleId :

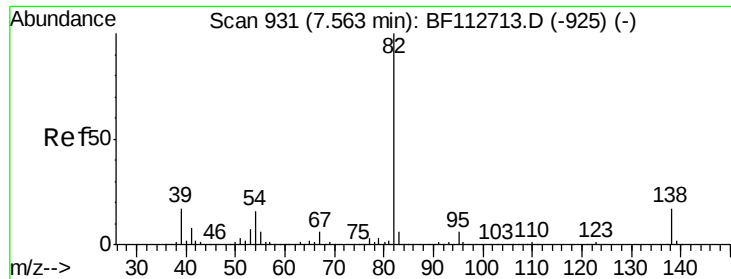
Tot Ion	82	Resp	704935
Ion Ratio	Lower	Upper	
82	100		
128	47.2	36.3	54.5
54	51.4	43.7	65.5



#24
 Nitrobenzene
 Concen: 38.815 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Tgt Ion	77	Resp	373263
Ion Ratio	Lower	Upper	
77	100		
123	47.4	37.8	56.6
65	13.3	11.1	16.7





#25

Isophorone

Concen: 36.037 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

ClientSampleId :

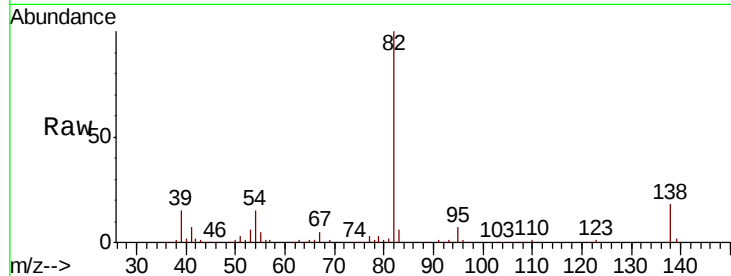
Tot Ion: 82 Resp: 670786

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

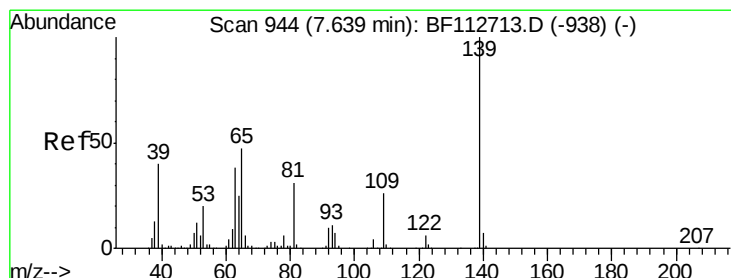
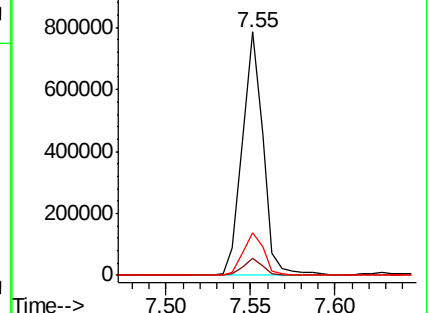
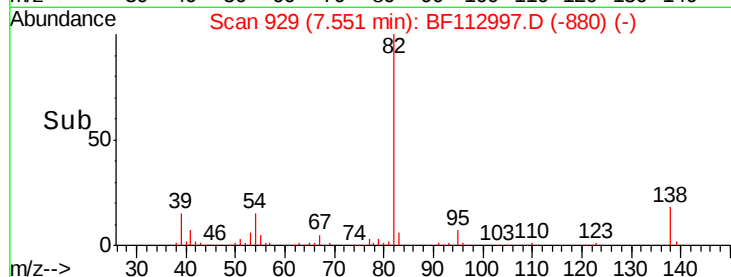
138 17.7 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.565 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

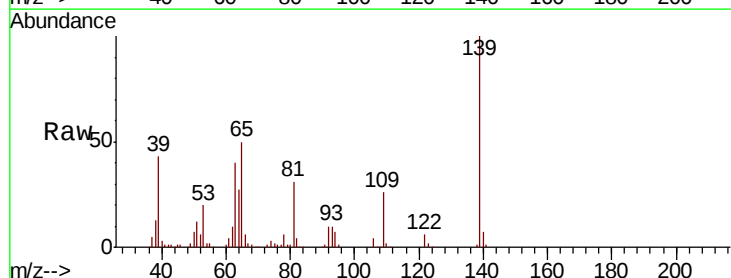
Tgt Ion: 139 Resp: 186403

Ion Ratio Lower Upper

139 100

109 25.7 20.6 31.0

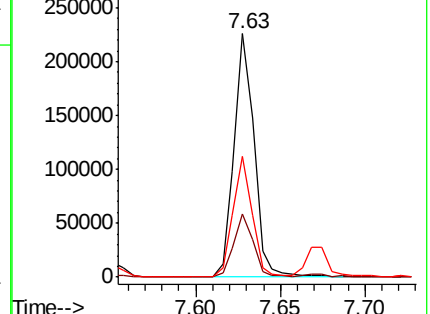
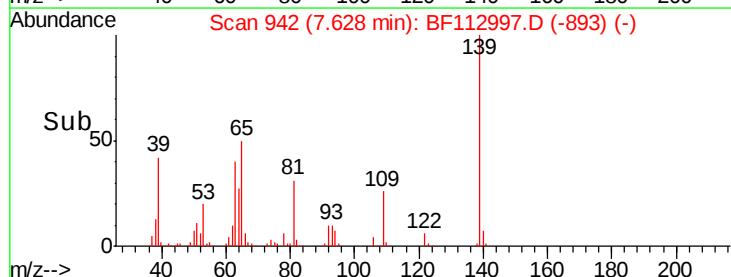
65 49.7 37.9 56.9

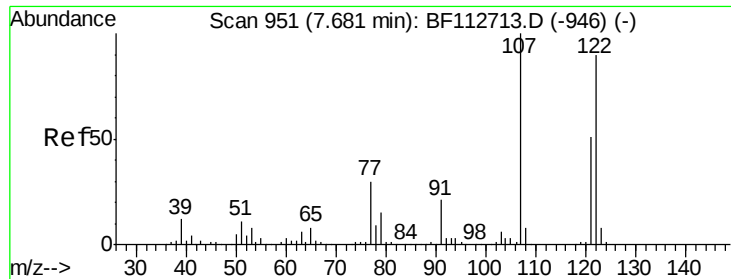


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

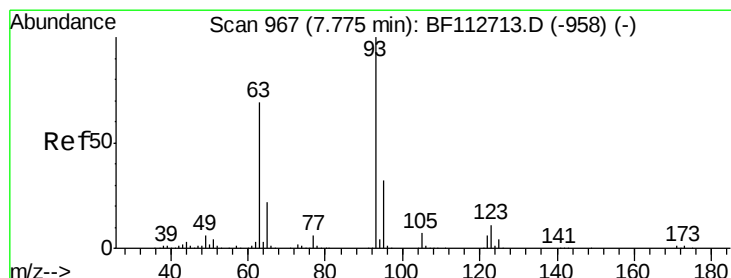
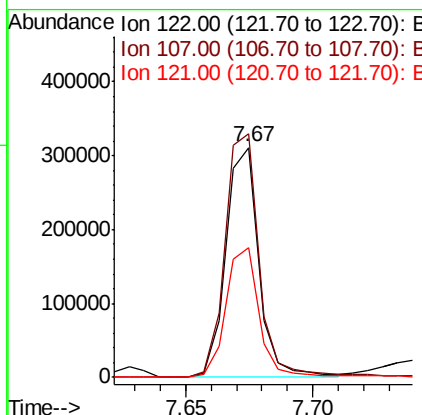
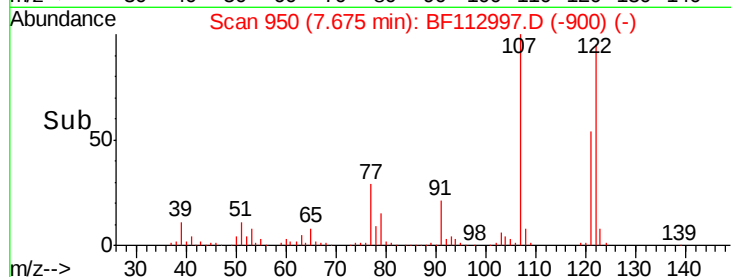
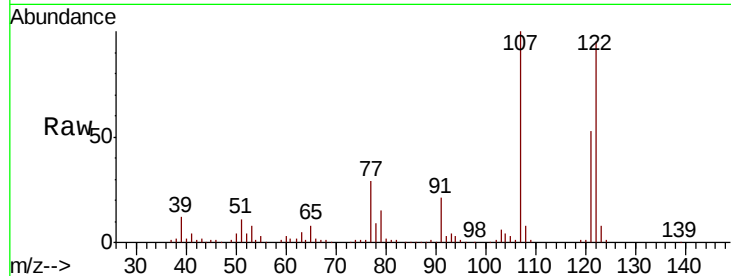




#27
 2,4-Dimethylphenol
 Concen: 37.706 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

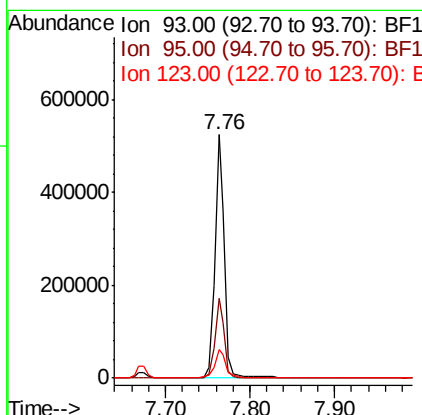
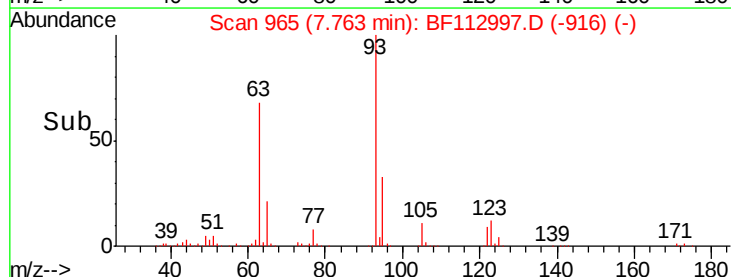
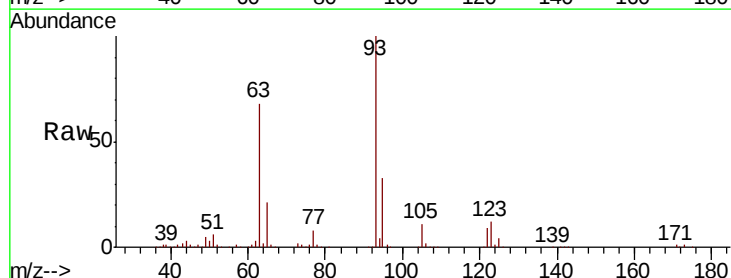
Instrument :
 BNA_F
 ClientSampled :

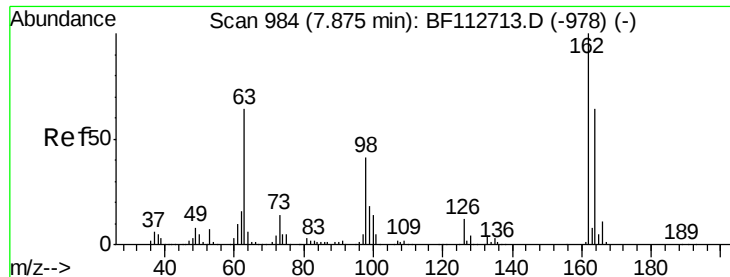
Tot Ion:122 Resp: 280811
 Ion Ratio Lower Upper
 122 100
 107 105.8 89.4 134.0
 121 56.6 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.331 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Tgt Ion: 93 Resp: 422805
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.0 39.0
 123 11.9 9.3 13.9

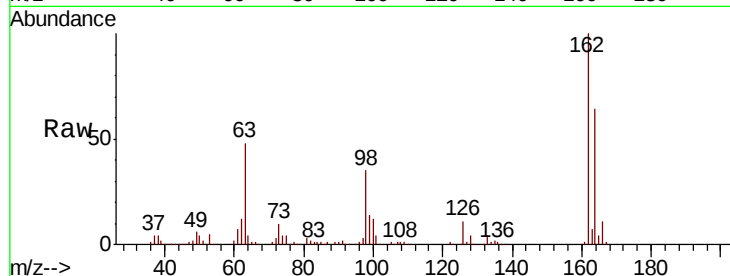




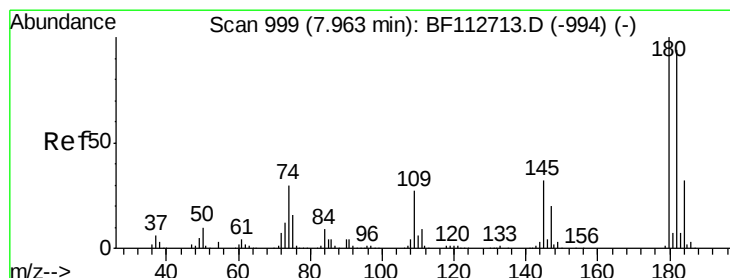
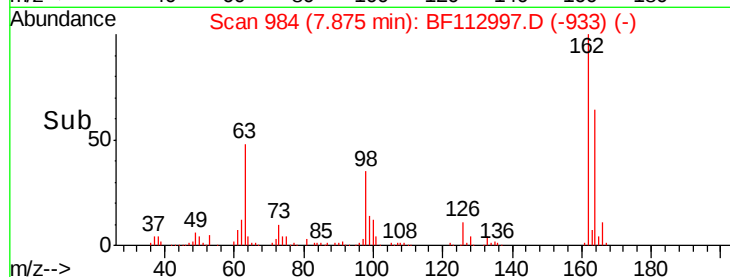
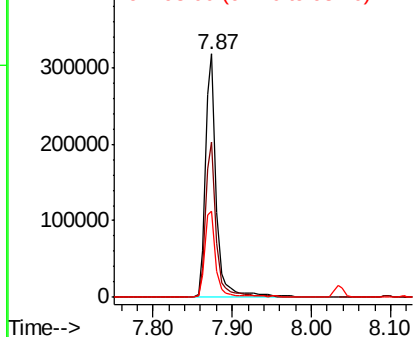
#29
2,4-Dichlorophenol
Concen: 42.747 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 308720
Ion Ratio Lower Upper
162 100
164 64.0 44.0 84.0
98 35.2 20.7 60.7

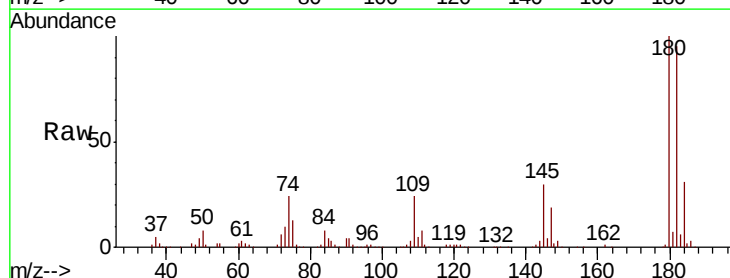


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

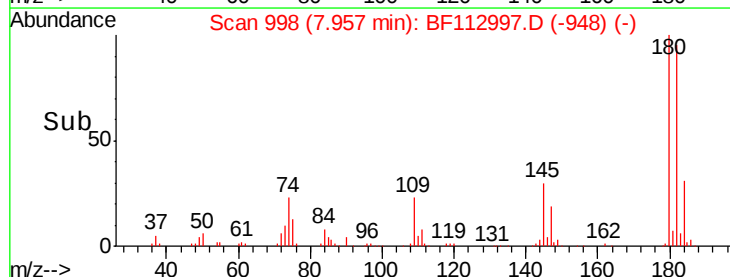
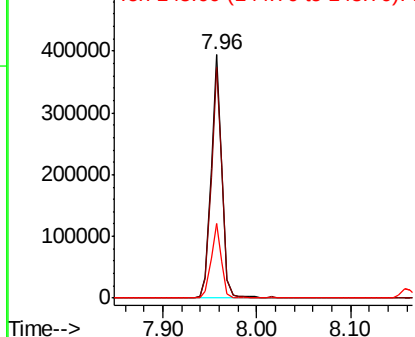


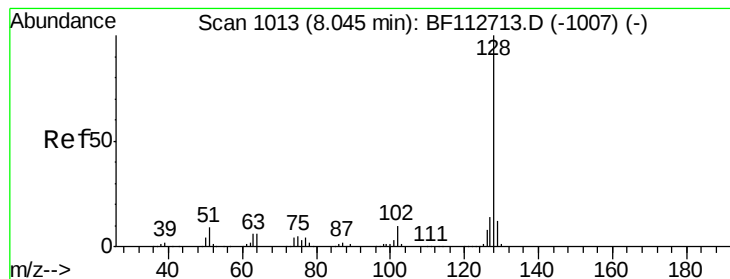
#30
1,2,4-Trichlorobenzene
Concen: 41.421 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion:180 Resp: 321426
Ion Ratio Lower Upper
180 100
182 94.8 75.2 112.8
145 30.5 25.4 38.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.991 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

ClientSampleId :

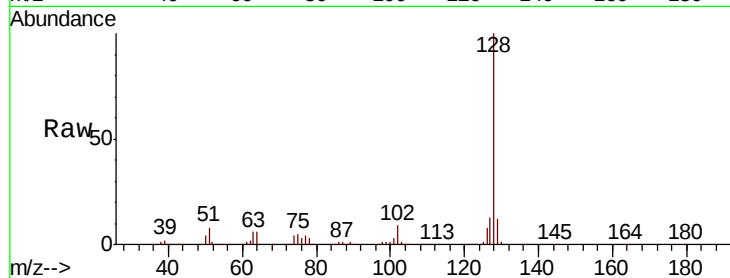
Tot Ion:128 Resp: 1026495

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

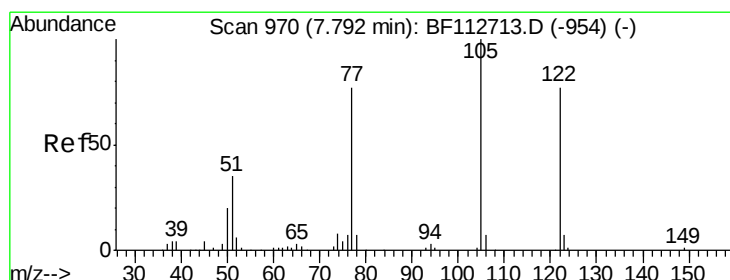
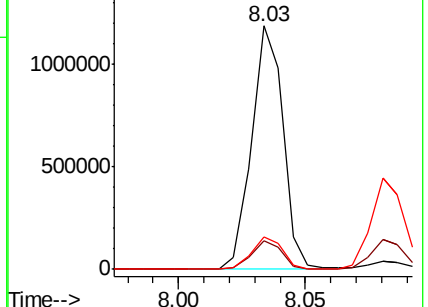
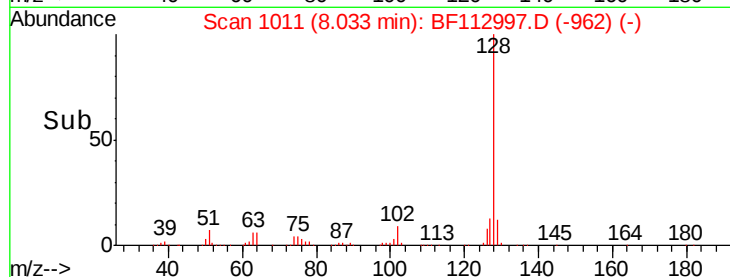
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.564 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

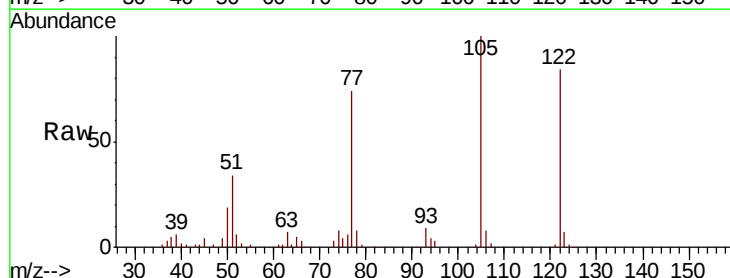
Tgt Ion:122 Resp: 222175

Ion Ratio Lower Upper

122 100

105 119.2 106.8 146.8

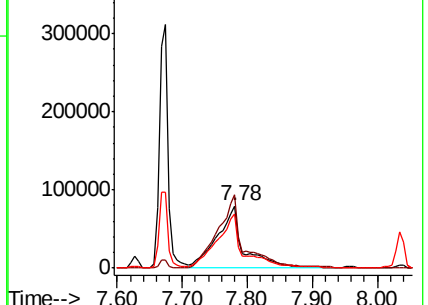
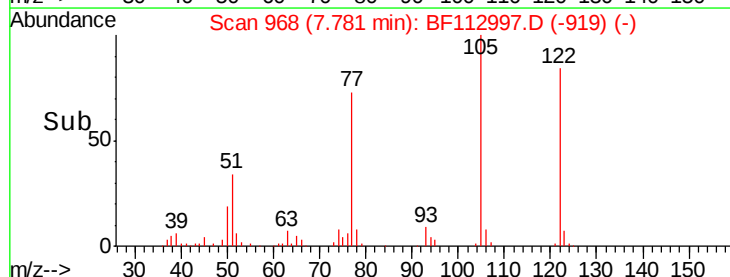
77 88.1 79.4 119.4

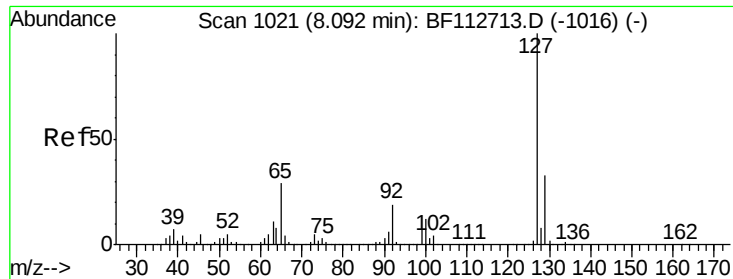


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

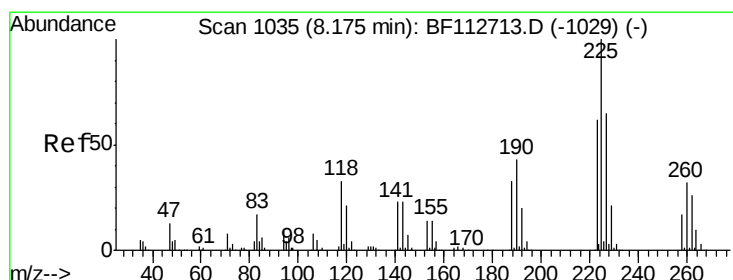
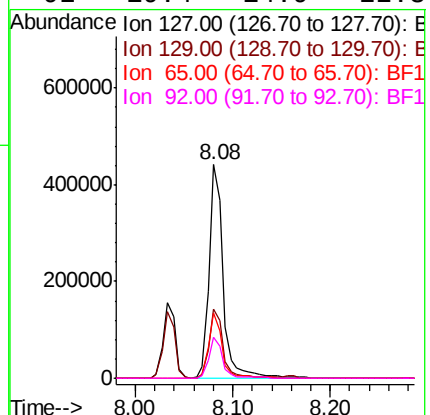
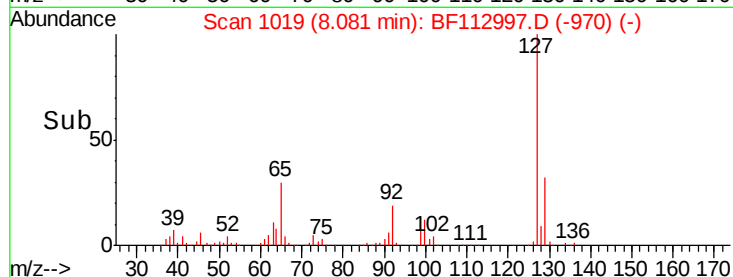
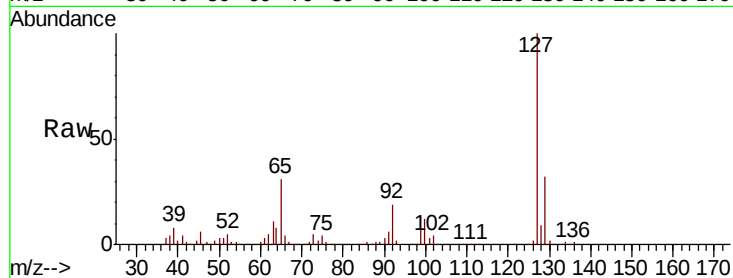




#33
4-Chloroaniline
Concen: 40.490 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

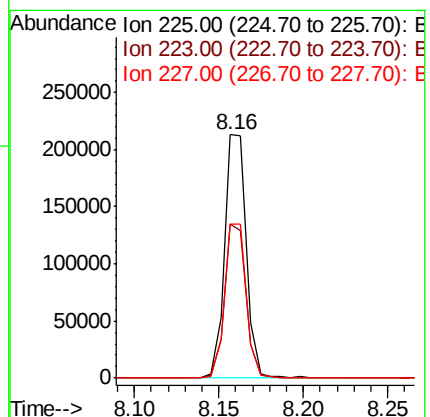
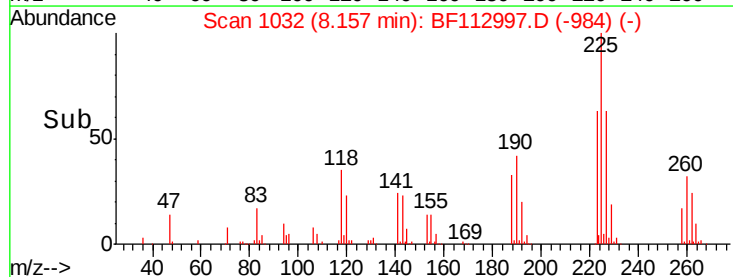
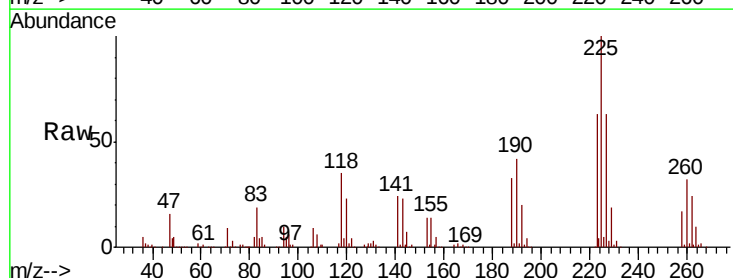
Instrument :
BNA_F
ClientSampleId :

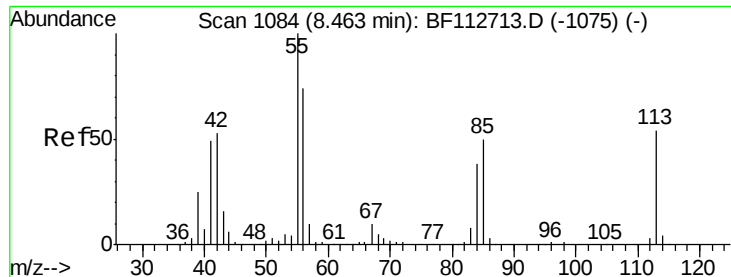
Tot Ion:127	Resp:	440200
Ion Ratio	Lower	Upper
127	100	
129	32.3	26.4 39.6
65	30.6	23.1 34.7
92	19.4	14.9 22.3



#34
Hexachlorobutadiene
Concen: 43.560 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion:225	Resp:	190636
Ion Ratio	Lower	Upper
225	100	
223	63.3	49.7 74.5
227	63.3	52.1 78.1

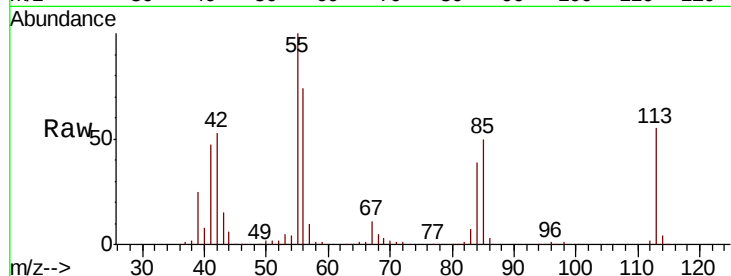




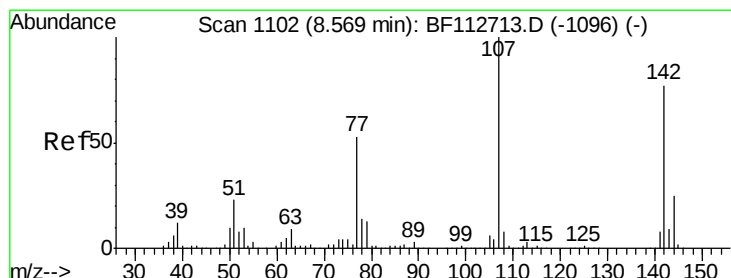
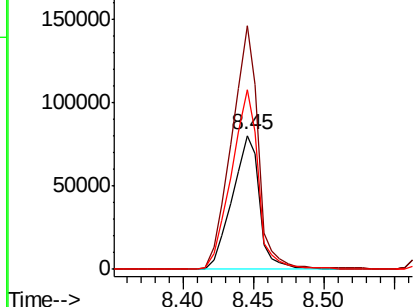
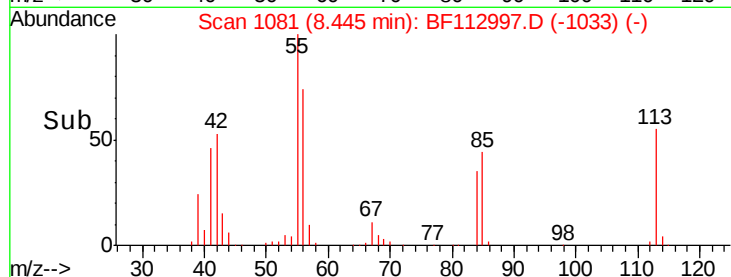
#35
 Caprolactam
 Concen: 42.392 ng
 RT: 8.45 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 107830
 Ion Ratio Lower Upper
 113 100
 55 181.9 163.5 203.5
 56 134.2 115.3 155.3

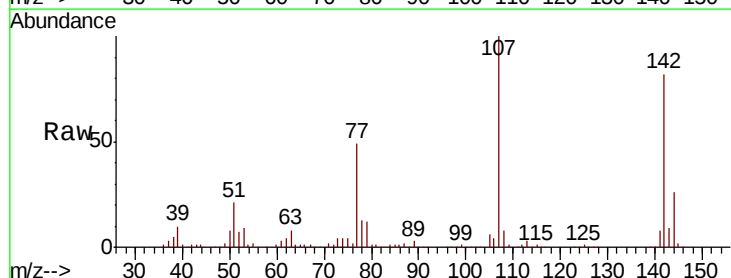


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

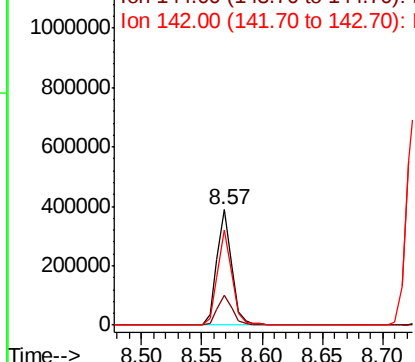
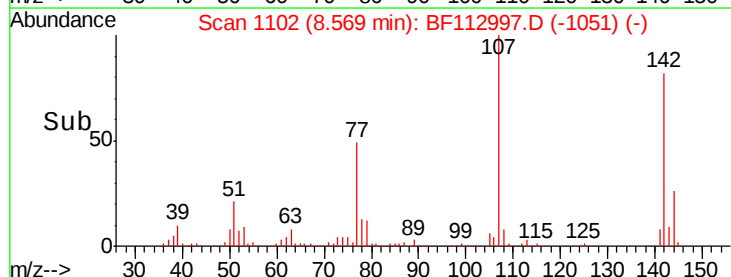


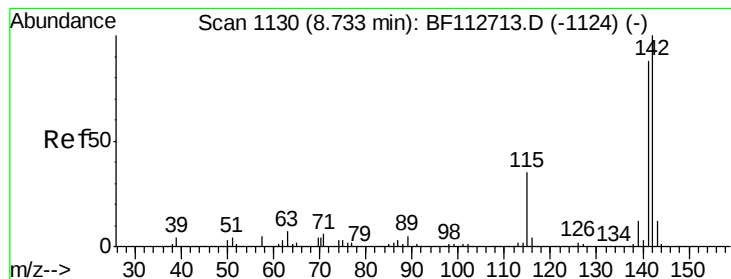
#36
 4-Chloro-3-methylphenol
 Concen: 41.032 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Tgt Ion:107 Resp: 327954
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.1 30.1
 142 82.0 61.9 92.9



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.364 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

ClientSampleId :

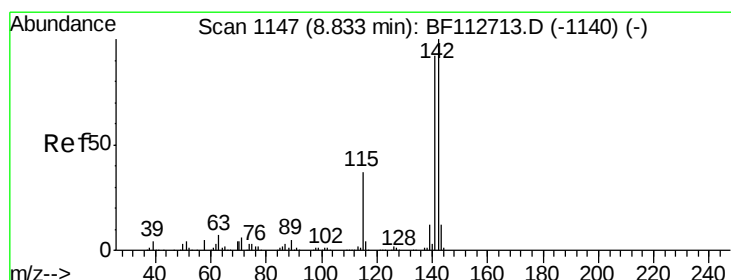
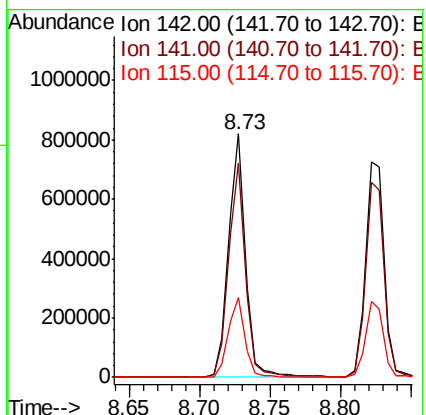
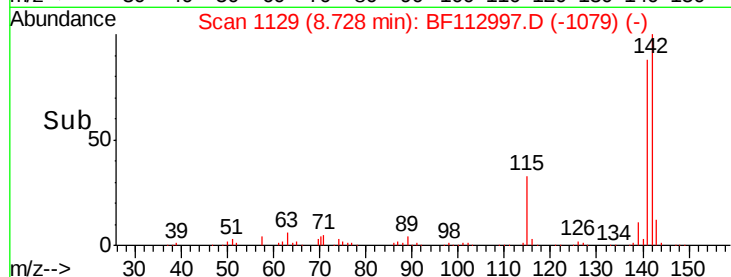
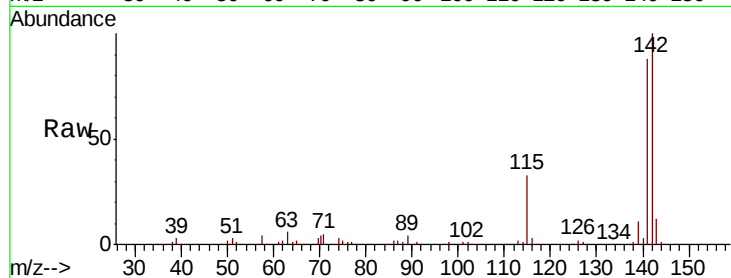
Tot Ion:142 Resp: 685651

Ion Ratio Lower Upper

142 100

141 87.7 70.3 105.5

115 32.7 27.8 41.6



#38

1-Methylnaphthalene

Concen: 41.238 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

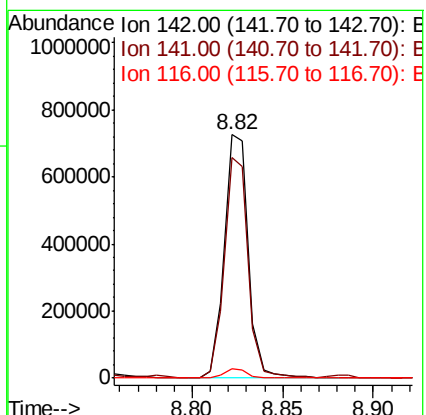
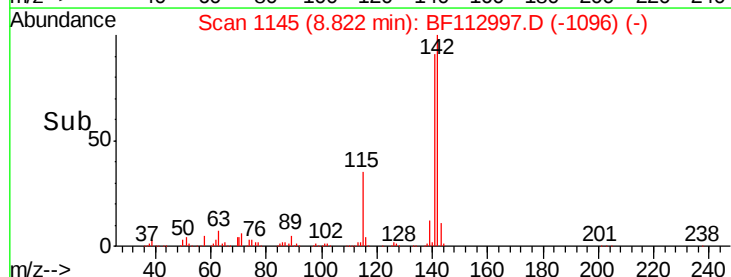
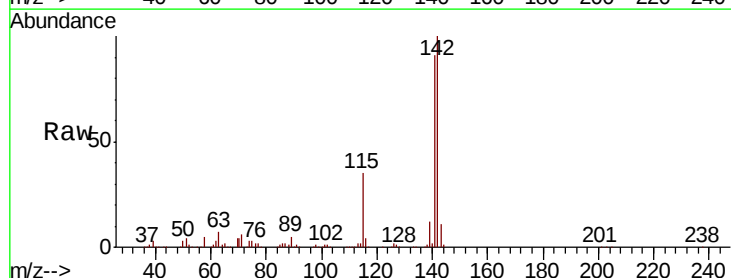
Tgt Ion:142 Resp: 662168

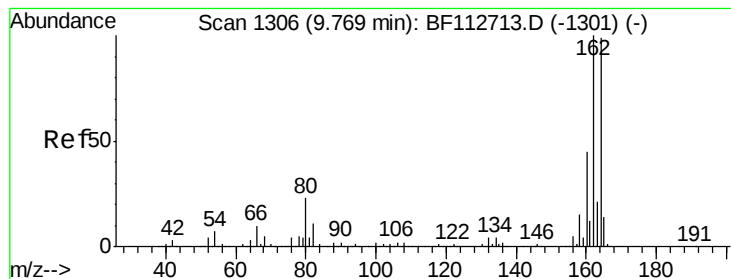
Ion Ratio Lower Upper

142 100

141 90.5 73.7 110.5

116 3.6 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

ClientSampleId :

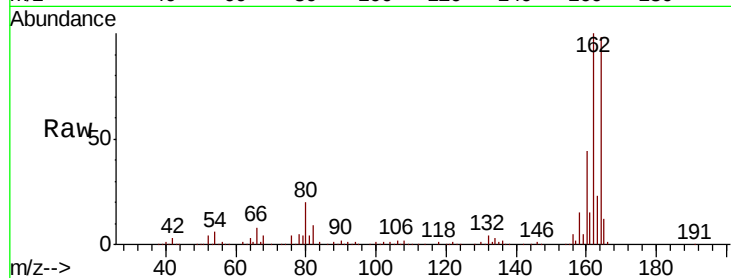
Tot Ion:164 Resp: 266767

Ion Ratio Lower Upper

164 100

162 102.4 80.6 120.8

160 45.1 36.0 54.0

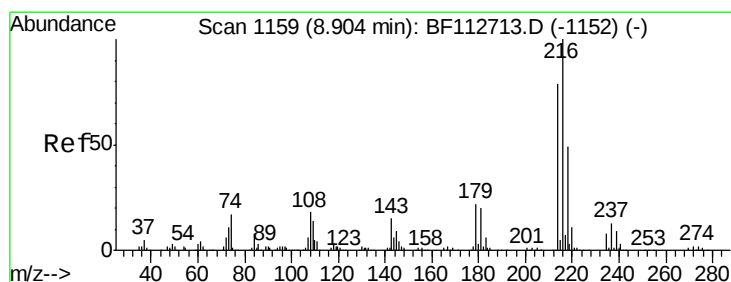
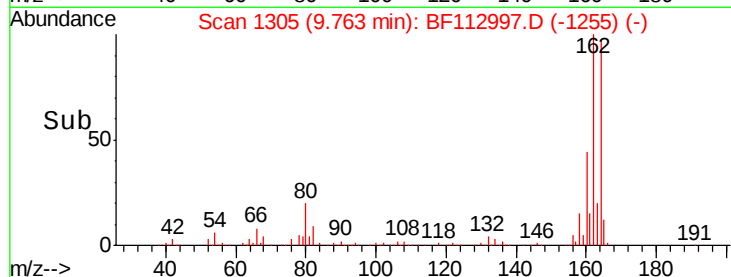
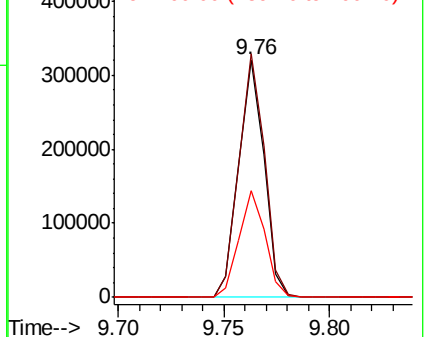


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.801 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Tgt Ion:216 Resp: 325175

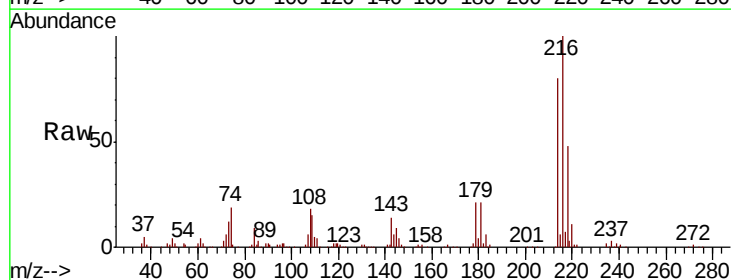
Ion Ratio Lower Upper

216 100

214 79.0 63.2 94.8

179 20.6 17.5 26.3

108 16.8 16.7 25.1



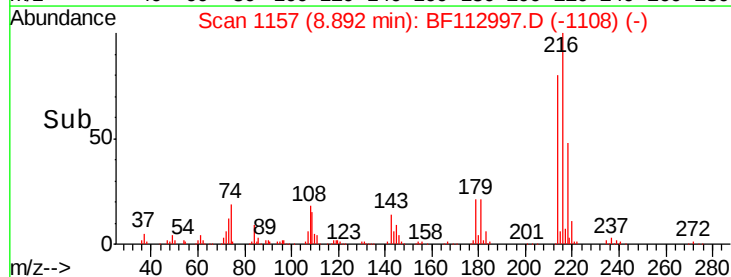
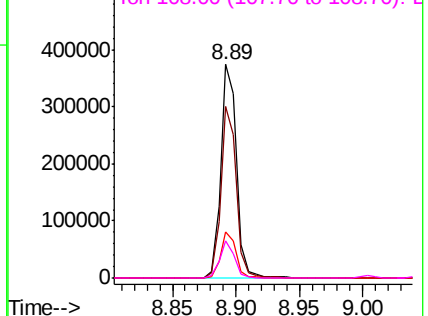
Abundance

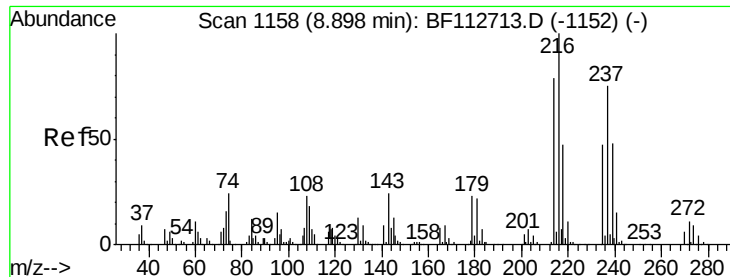
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 10.248 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

ClientSampleId :

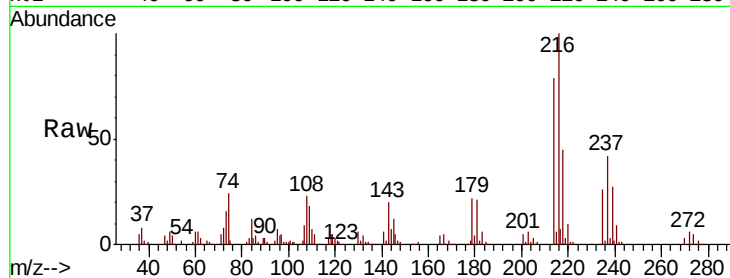
Tot Ion:237 Resp: 43655

Ion Ratio Lower Upper

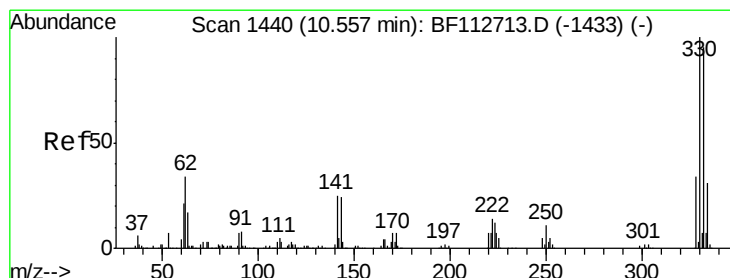
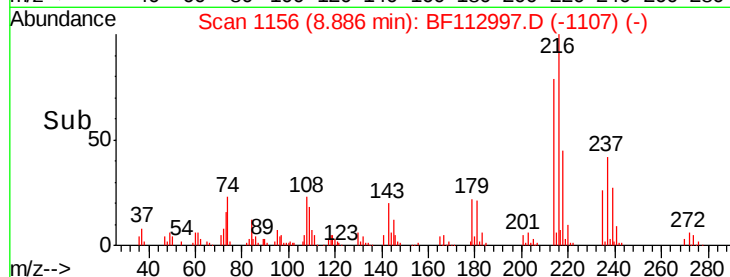
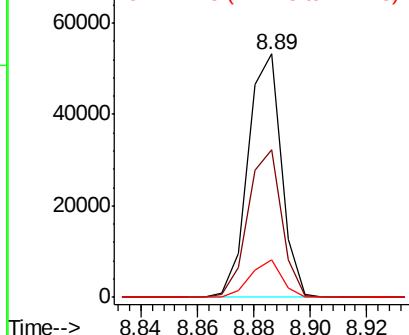
237 100

235 60.4 42.2 82.2

272 15.2 0.0 34.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 95.345 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

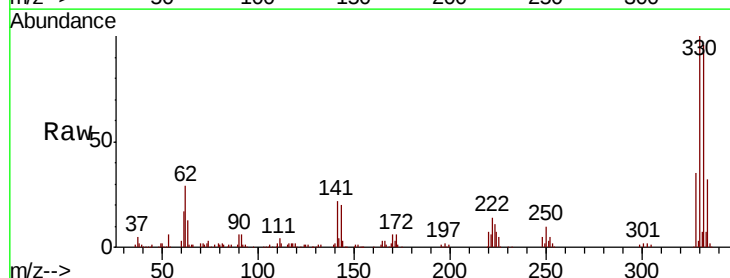
Tgt Ion:330 Resp: 270022

Ion Ratio Lower Upper

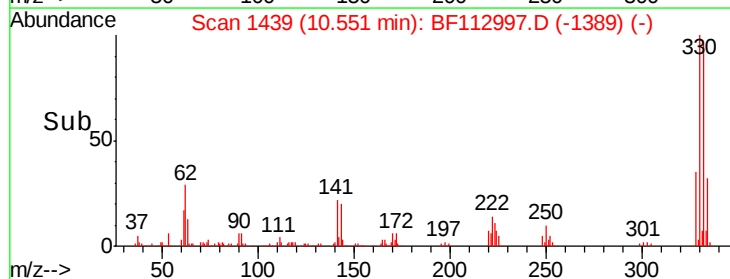
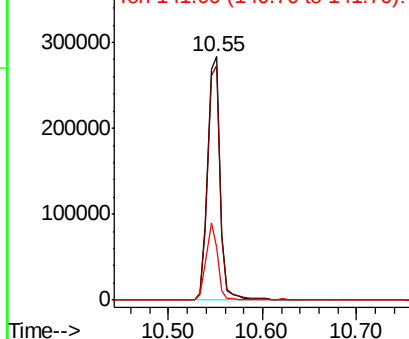
330 100

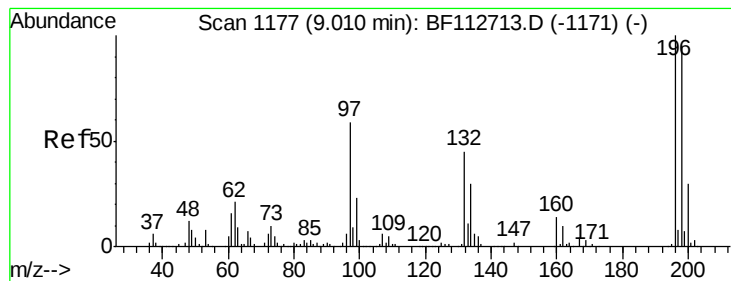
332 96.2 76.2 114.4

141 28.5 27.0 40.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 39.653 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

ClientSampled :

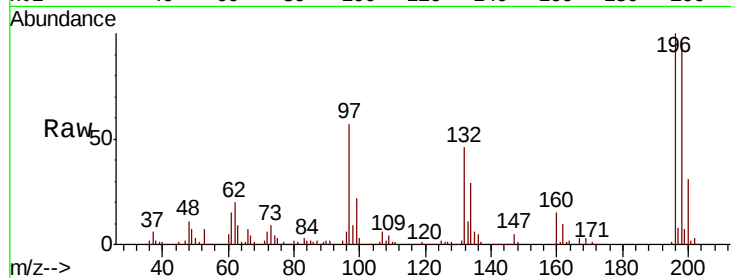
Tot Ion:196 Resp: 212295

Ion Ratio Lower Upper

196 100

198 96.2 75.8 113.8

200 31.2 24.3 36.5

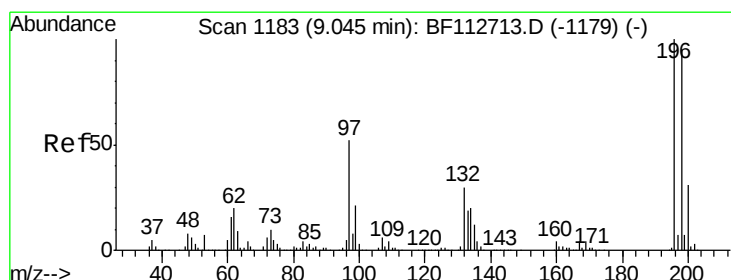
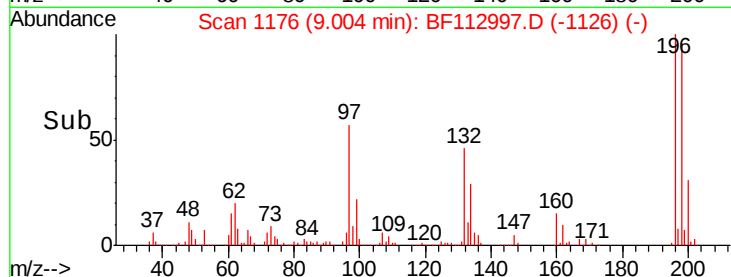
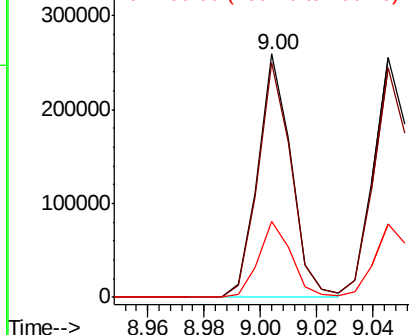


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.316 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Tgt Ion:196 Resp: 239092

Ion Ratio Lower Upper

196 100

198 95.7 76.2 114.2

97 48.6 41.5 62.3

132 27.8 23.9 35.9

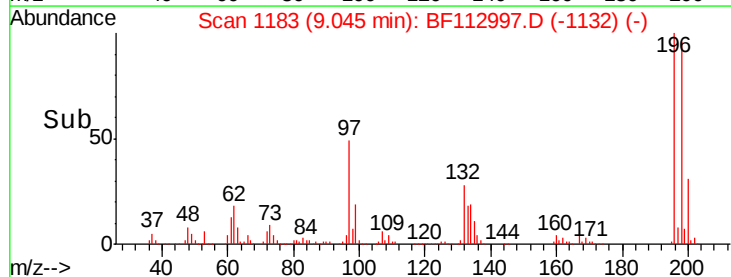
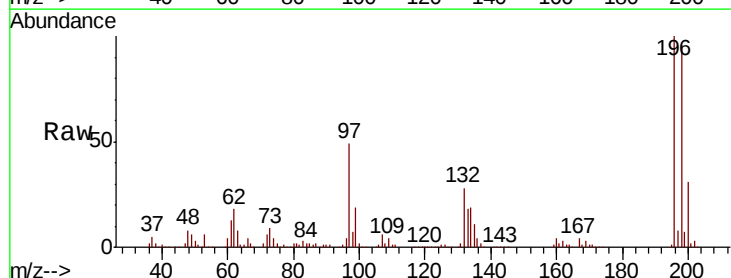
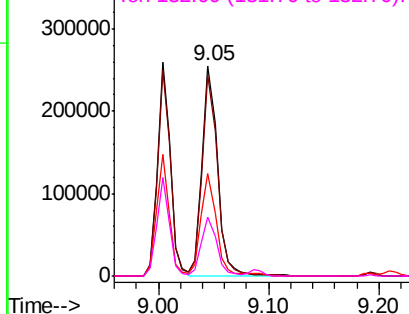
Abundance

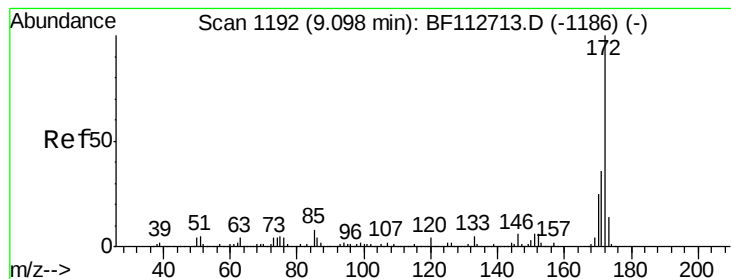
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



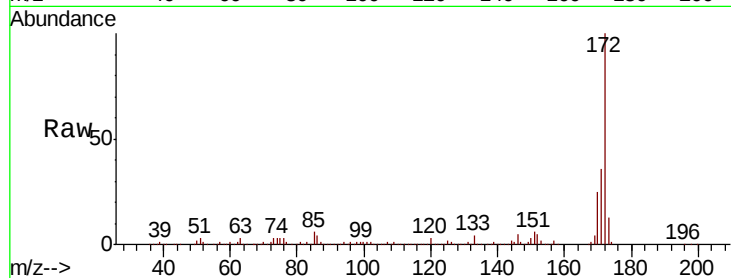


#45
 2-Fluorobiphenyl
 Concen: 81.010 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

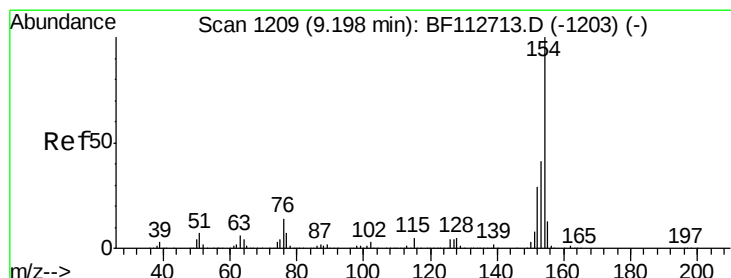
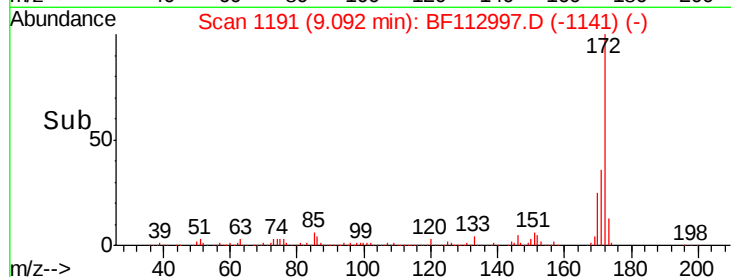
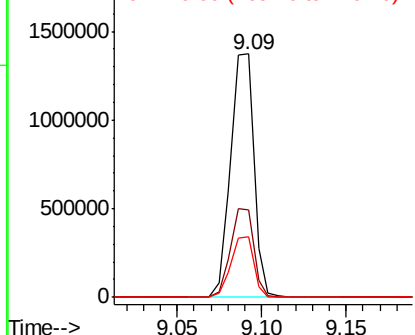
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1320644

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.7	20.0	30.0



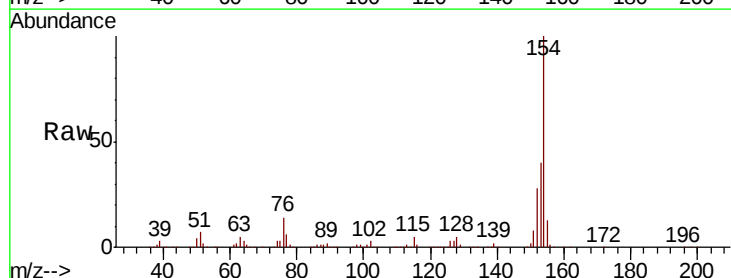
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



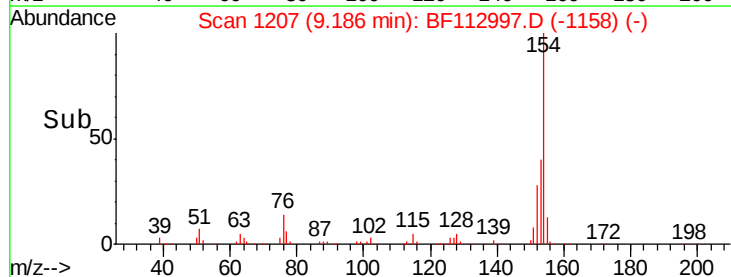
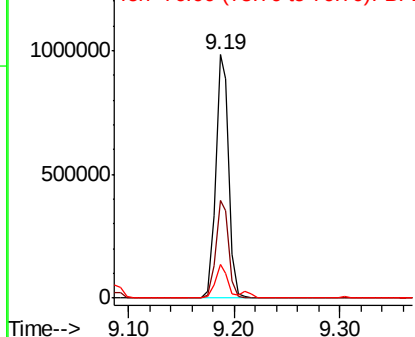
#46
 1,1'-Biphenyl
 Concen: 39.748 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

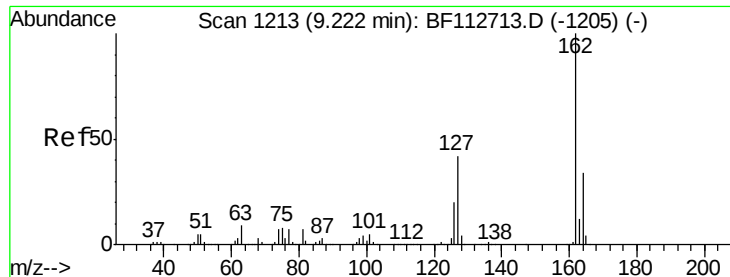
Tgt Ion:154 Resp: 864884

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.8	60.8
76	13.8	0.0	33.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

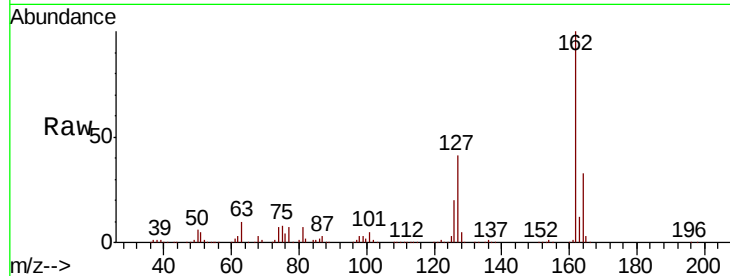




#47
2-Chloronaphthalene
Concen: 38.857 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.4	50.2
164	33.0	26.9	40.3

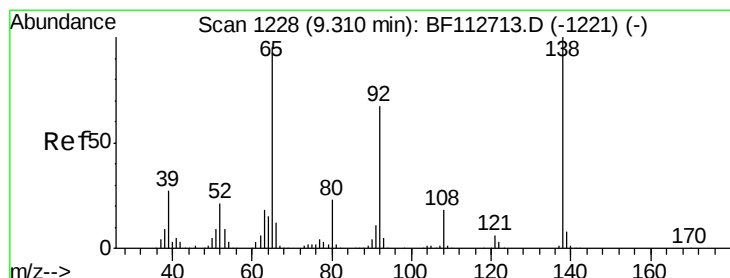
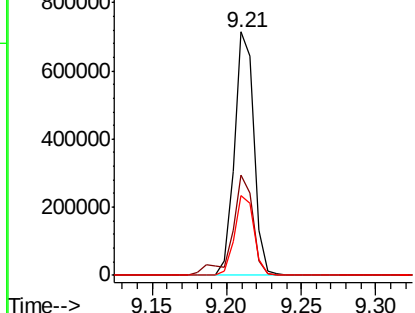
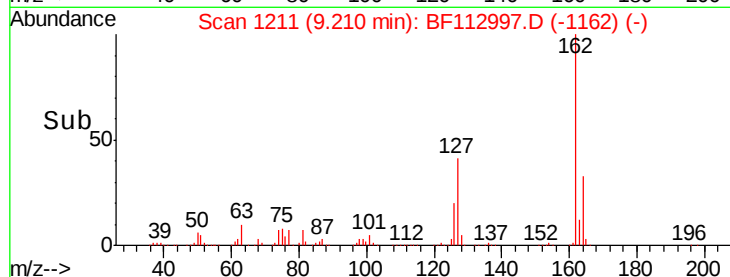


Abundance

Ion 162.00 (161.70 to 162.70): E

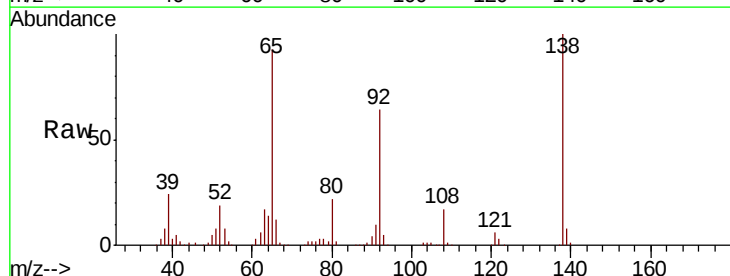
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.789 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	56.4	84.6
138	107.9	84.6	126.8

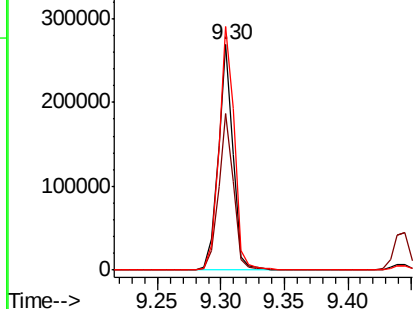
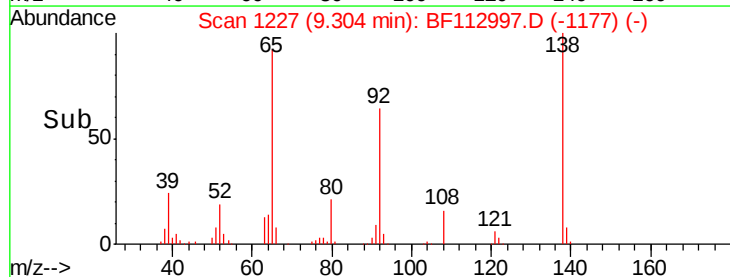


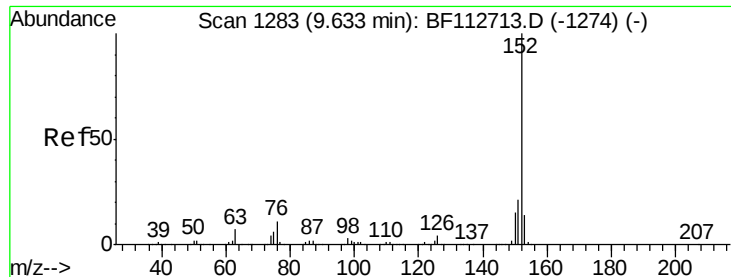
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.949 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

ClientSampleId :

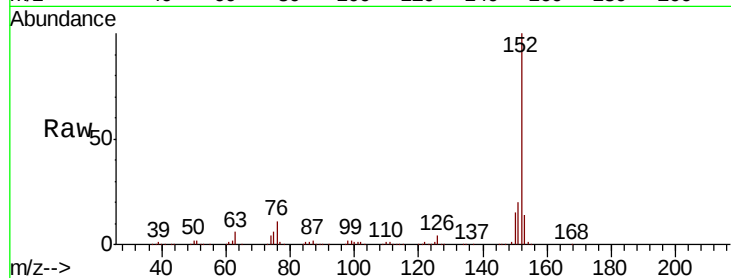
Tot Ion:152 Resp: 1123416

Ion Ratio Lower Upper

152 100

151 20.4 16.9 25.3

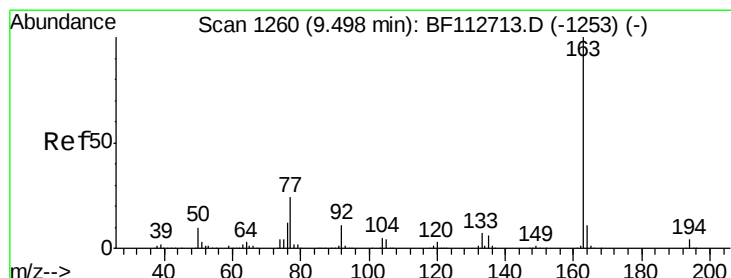
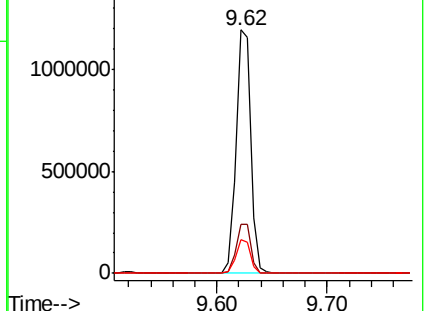
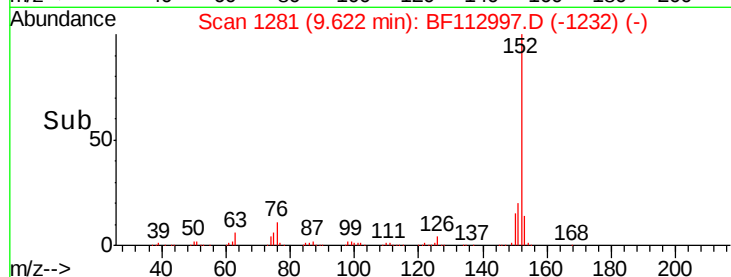
153 13.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.306 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

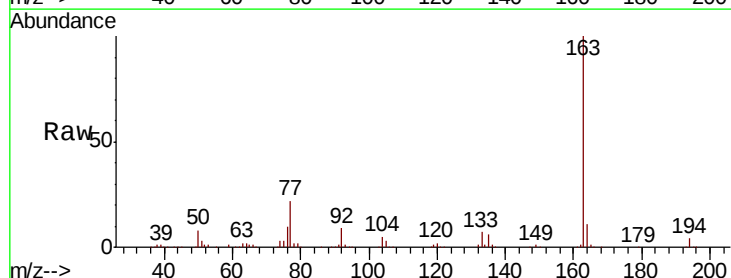
Tgt Ion:163 Resp: 773162

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

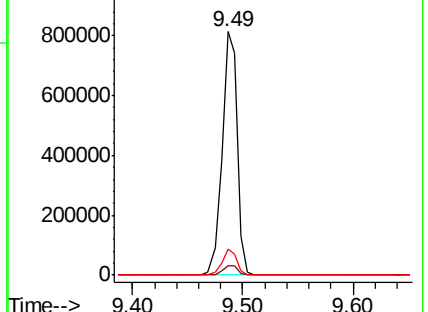
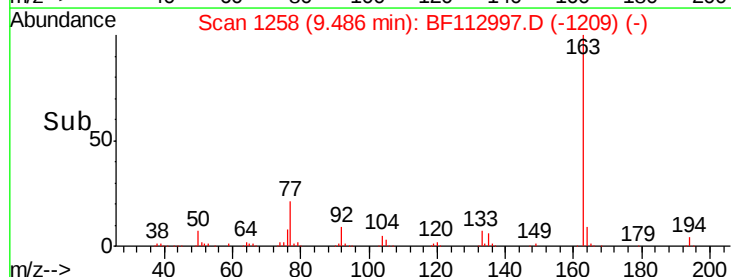
164 10.7 8.4 12.6

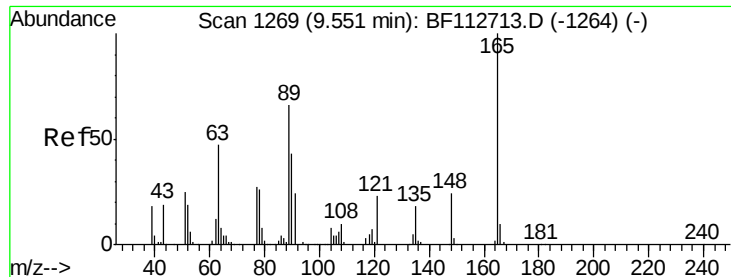


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

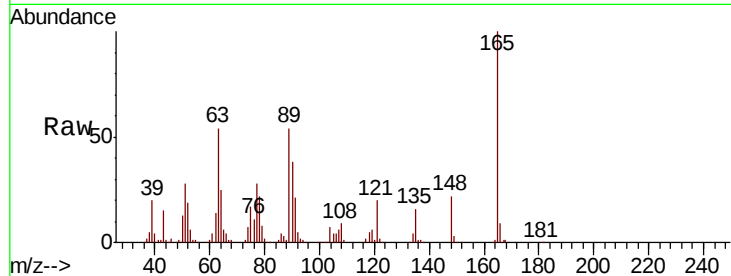




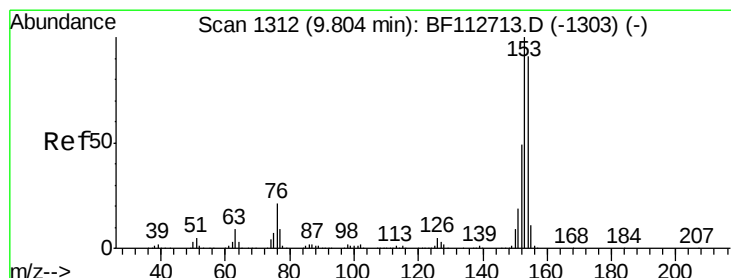
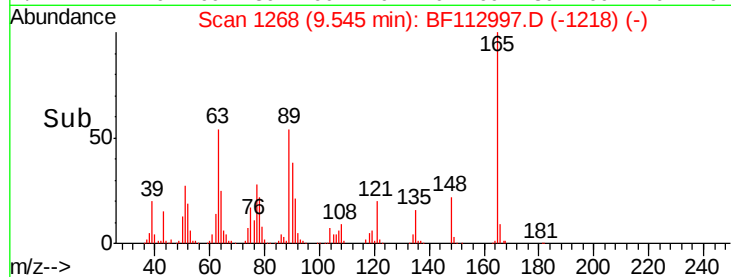
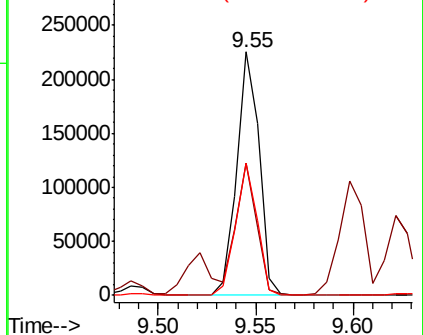
#51
 2,6-Dinitrotoluene
 Concen: 43.760 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 179244
 Ion Ratio Lower Upper
 165 100
 63 54.4 54.1 81.1
 89 54.4 52.8 79.2

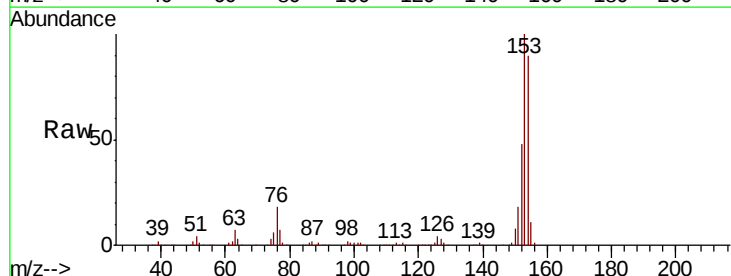


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

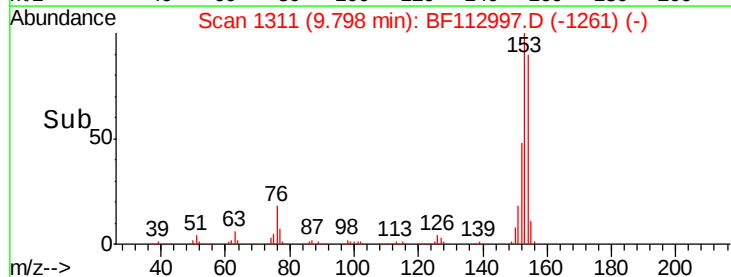
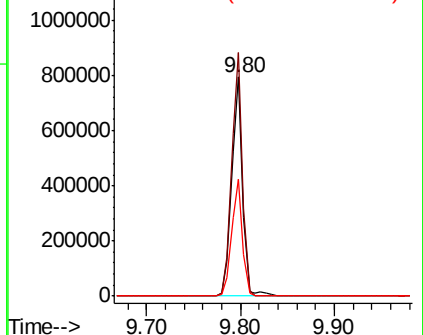


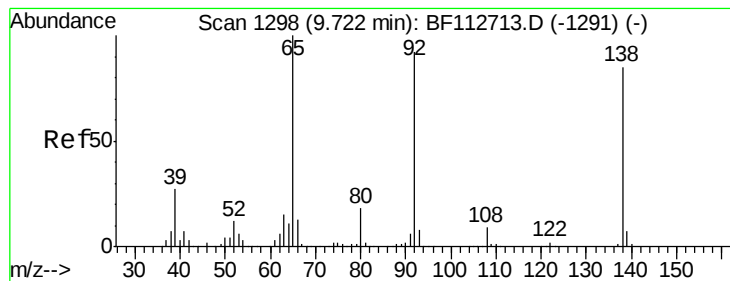
#52
 Acenaphthene
 Concen: 37.851 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Tgt Ion:154 Resp: 638452
 Ion Ratio Lower Upper
 154 100
 153 111.2 87.8 131.8
 152 53.2 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 43.950 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

ClientSampleId :

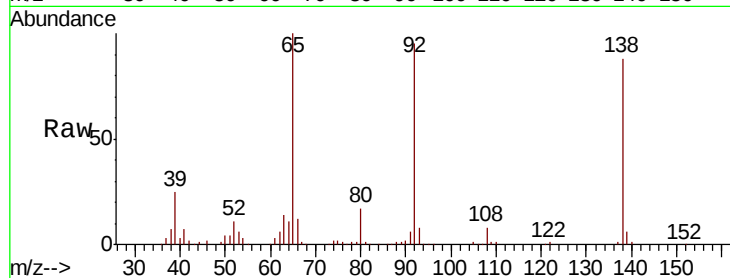
Tot Ion:138 Resp: 219360

Ion Ratio Lower Upper

138 100

108 9.4 8.6 13.0

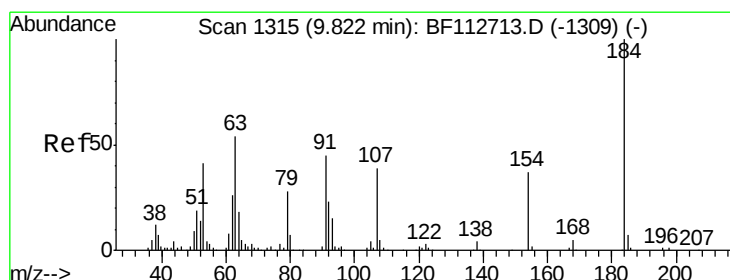
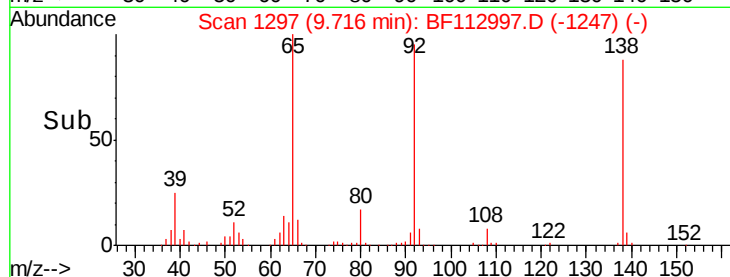
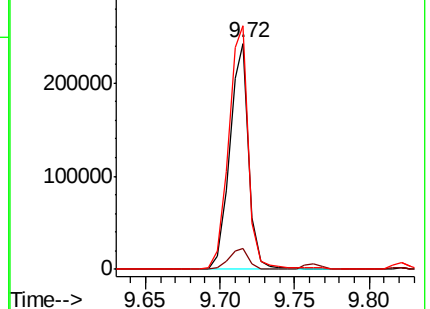
92 107.8 86.6 129.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 20.763 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

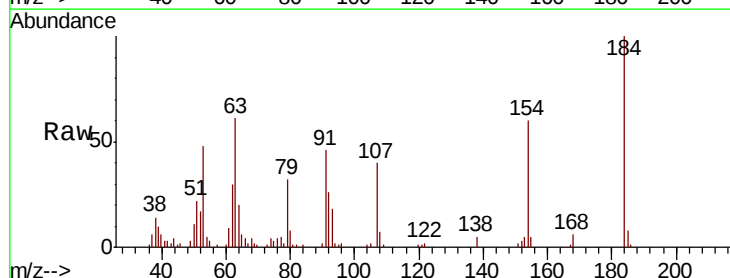
Tgt Ion:184 Resp: 26079

Ion Ratio Lower Upper

184 100

63 61.4 45.3 67.9

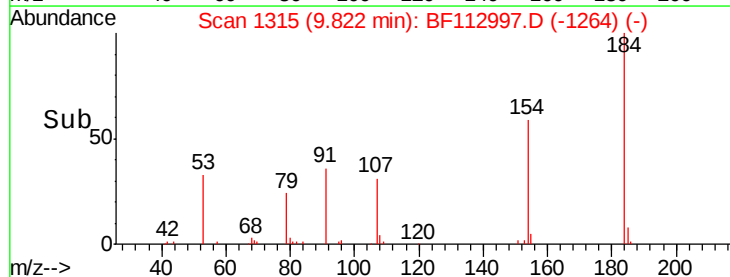
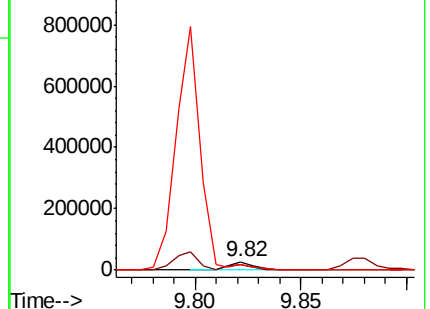
154 60.4 46.0 69.0

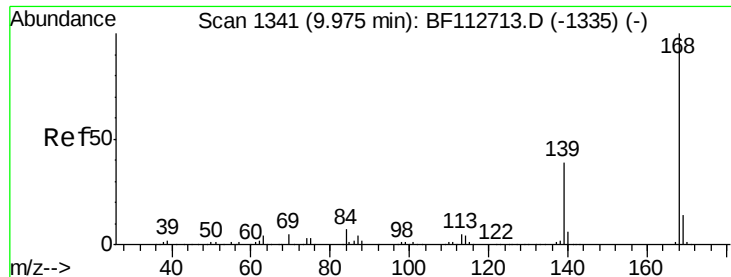


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

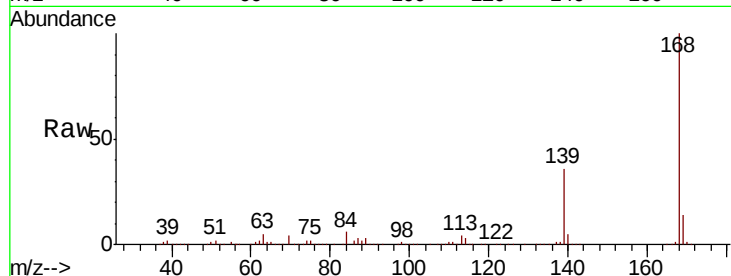




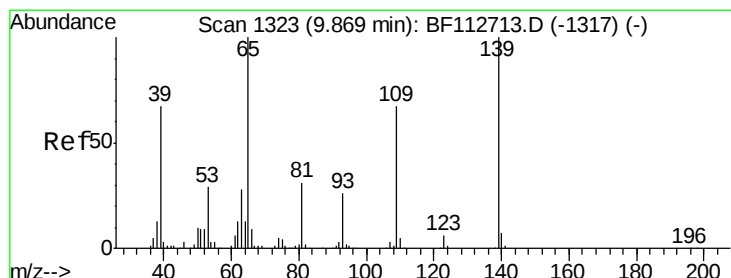
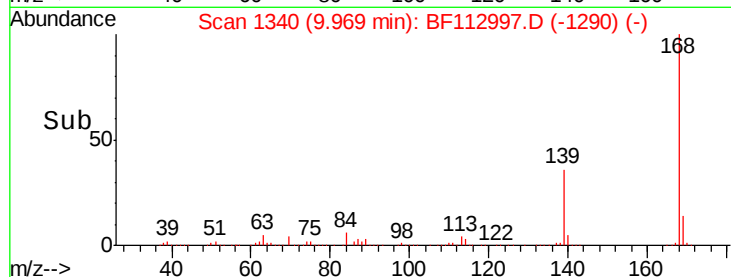
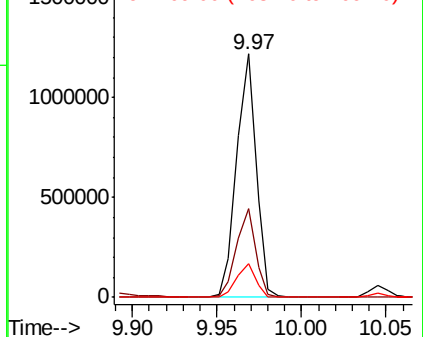
#55
Dibenzenofuran
Concen: 39.976 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 980012
Ion Ratio Lower Upper
168 100
139 36.2 31.3 46.9
169 13.6 11.3 16.9

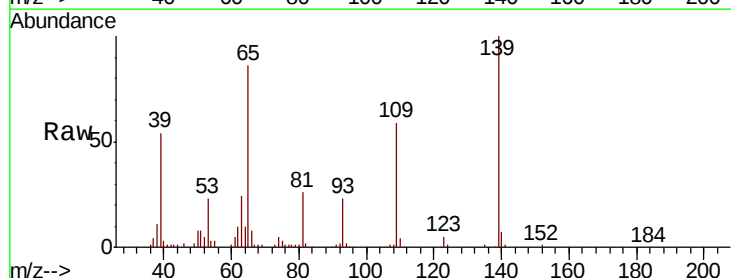


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

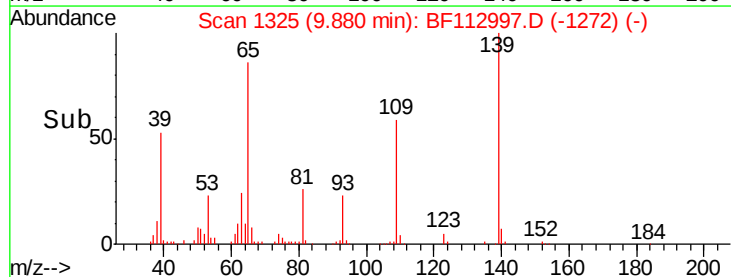
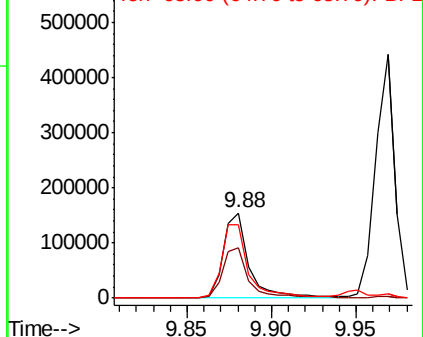


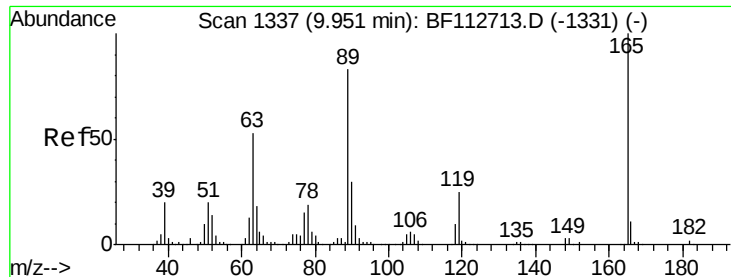
#56
4-Nitrophenol
Concen: 40.383 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion:139 Resp: 163809
Ion Ratio Lower Upper
139 100
109 58.6 46.8 86.8
65 85.9 80.7 120.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

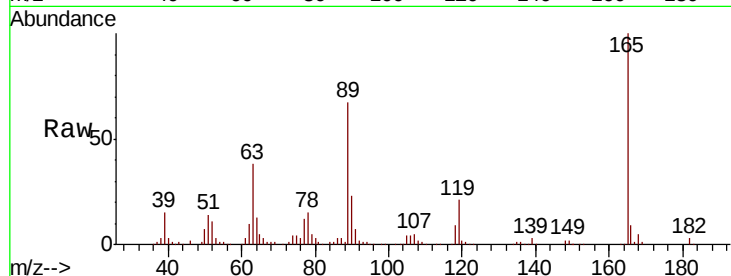




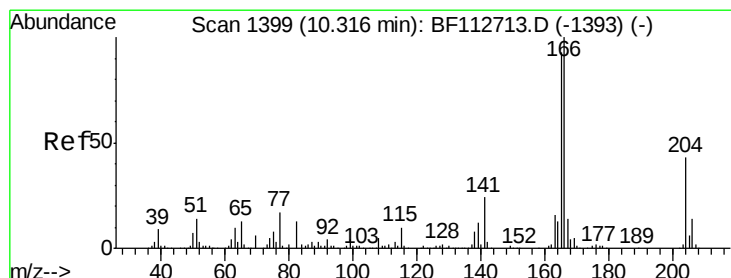
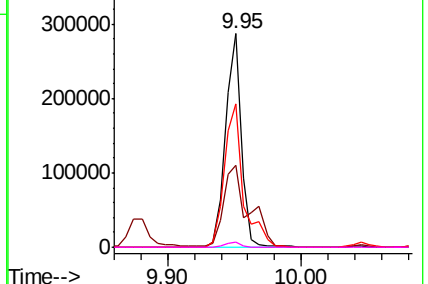
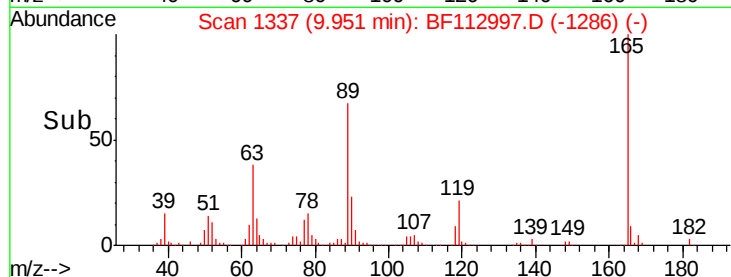
#57
 2,4-Dinitrotoluene
 Concen: 47.290 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	240779
Ion	Ratio	Lower	Upper
165	100		
63	38.4	42.2	63.2#
89	66.9	66.2	99.4
182	2.5	1.8	2.6

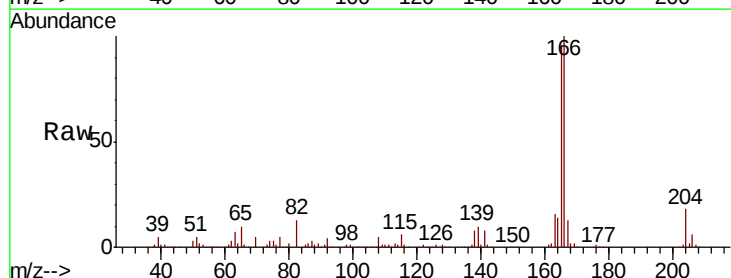


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

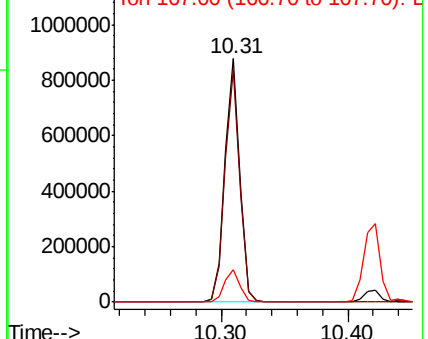
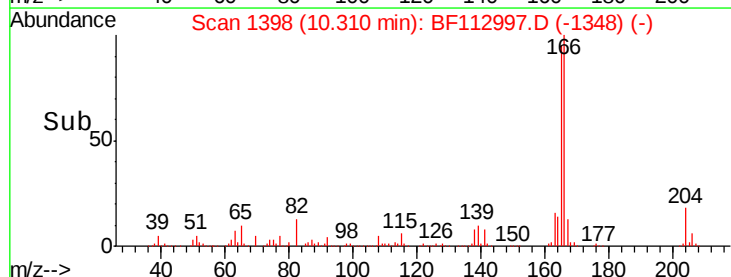


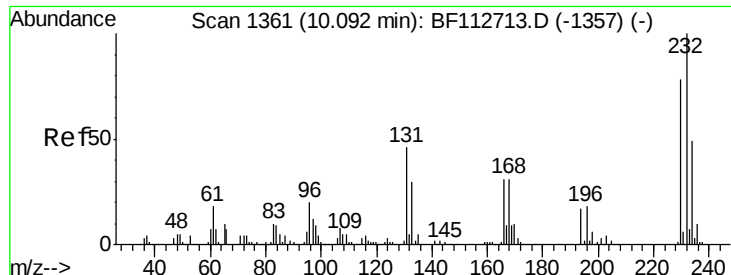
#58
 Fluorene
 Concen: 41.349 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Tgt Ion:	166	Resp:	719454
Ion	Ratio	Lower	Upper
166	100		
165	95.5	74.7	112.1
167	13.5	11.0	16.6



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

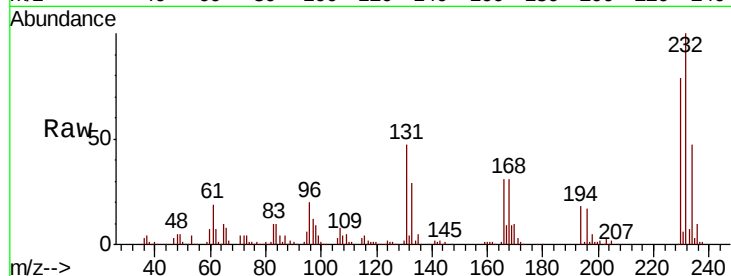




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.548 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.9	38.7	58.1
130	2.1	1.9	2.9
166	29.7	25.2	37.8



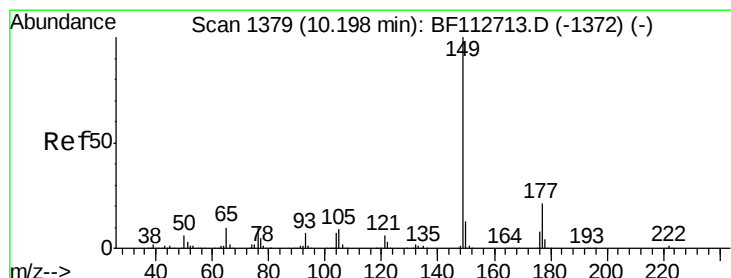
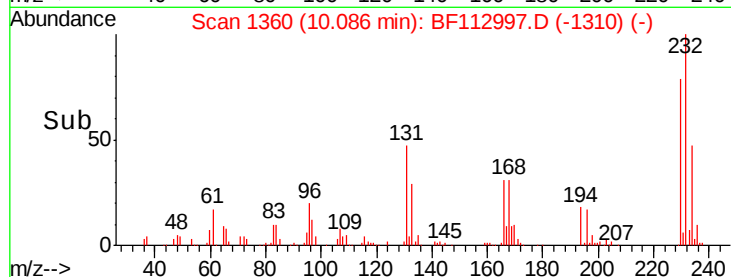
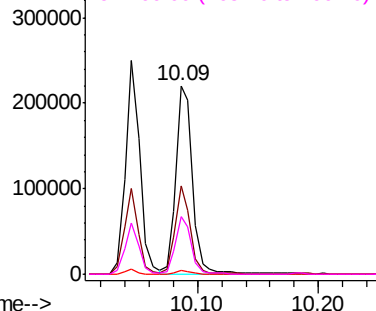
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

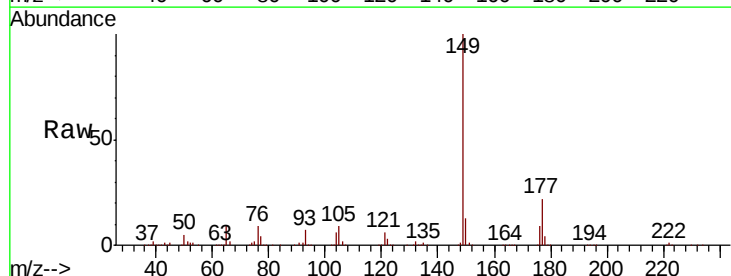
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.179 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.0	25.6
150	12.5	10.0	15.0

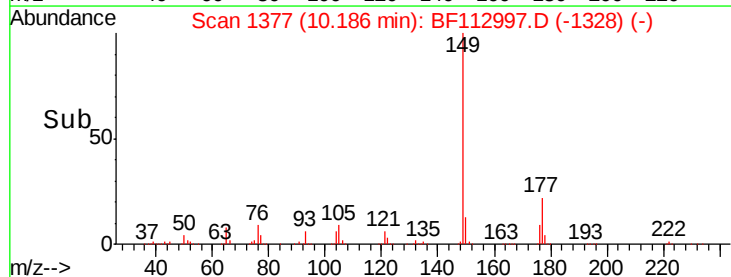
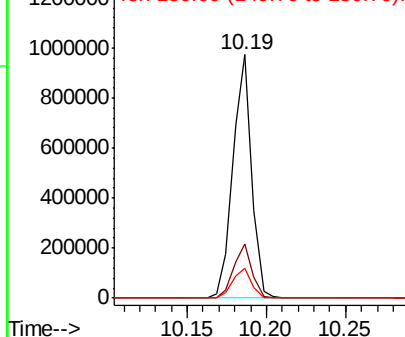


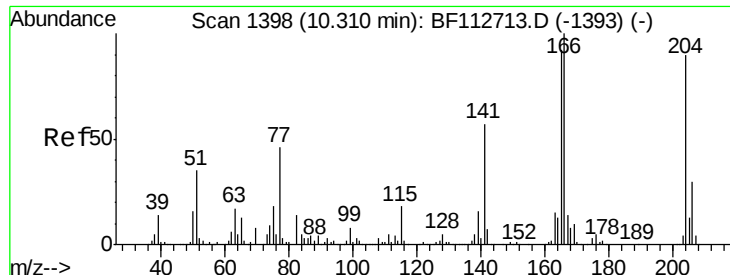
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

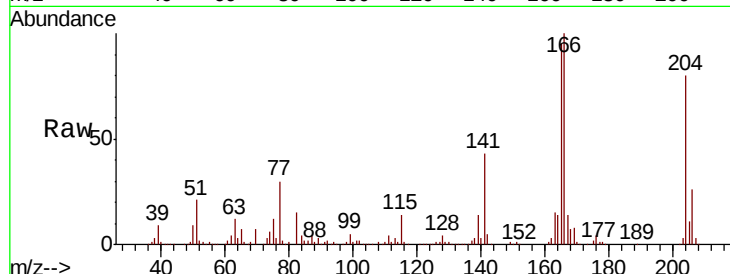




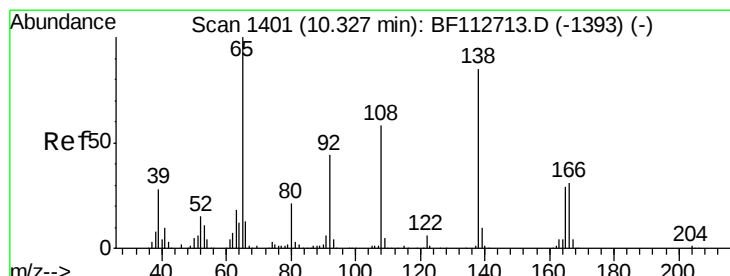
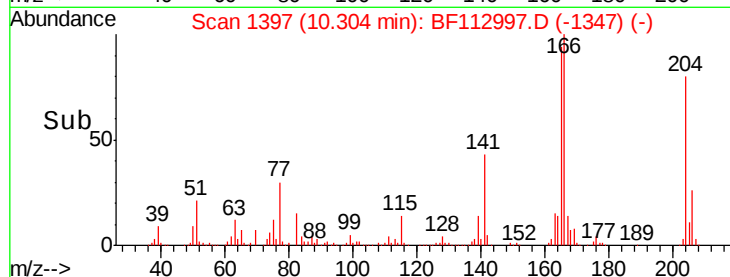
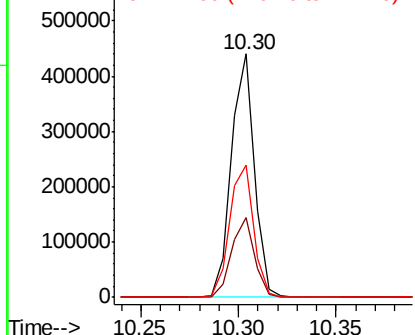
#61
4-Chlorophenyl-phenylether
Concen: 44.473 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 360033
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 54.3 50.8 76.2

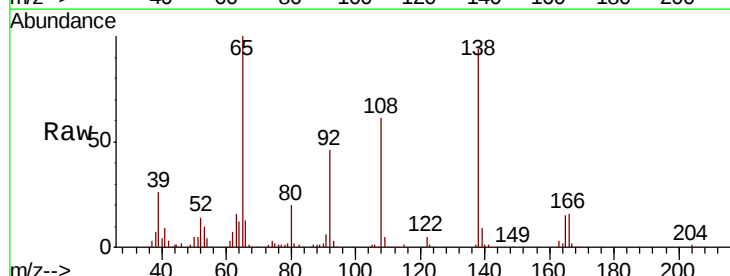


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

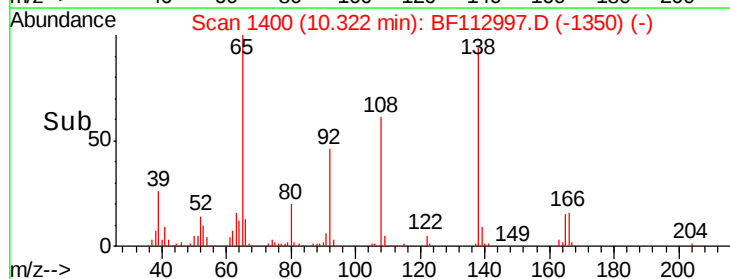
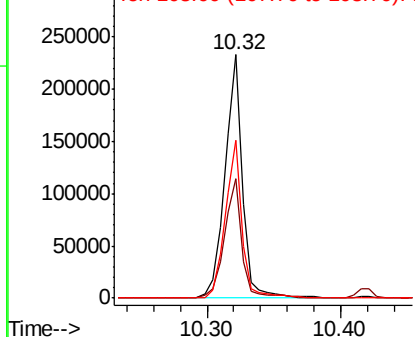


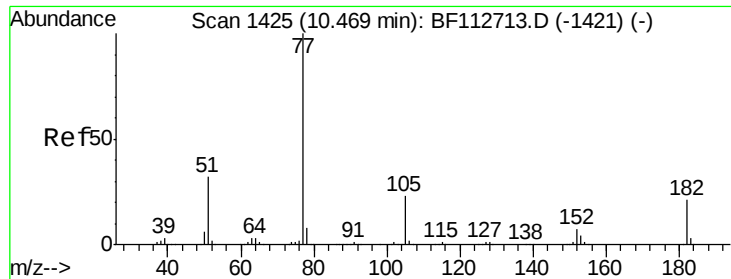
#62
4-Nitroaniline
Concen: 47.016 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion:138 Resp: 216844
Ion Ratio Lower Upper
138 100
92 48.8 31.3 71.3
108 65.1 48.1 88.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

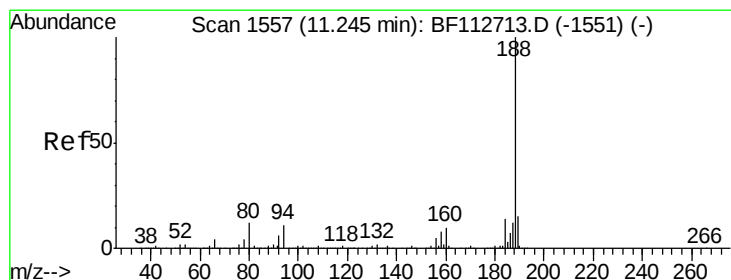
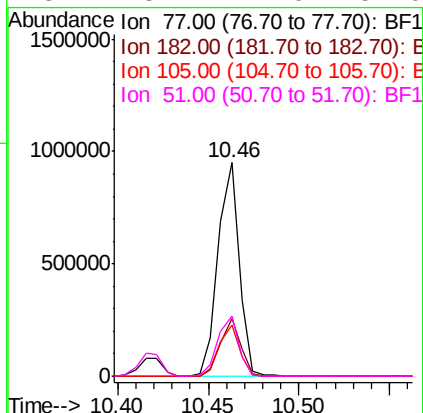
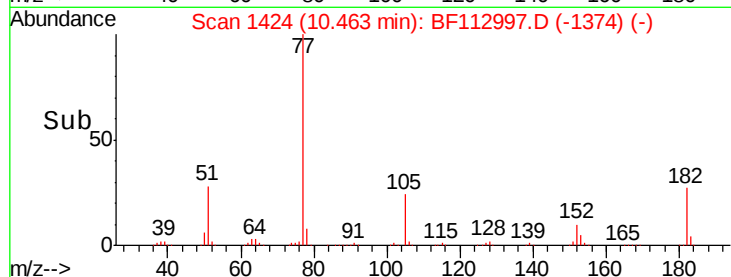
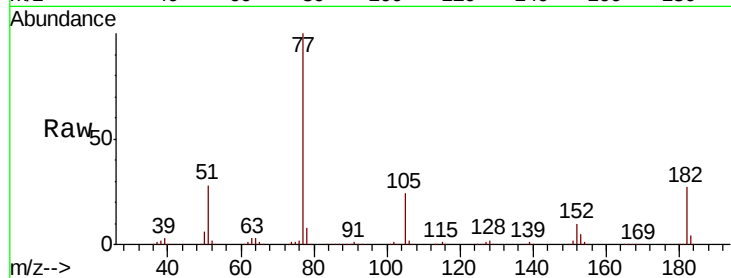




#63
Azobenzene
Concen: 36.333 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

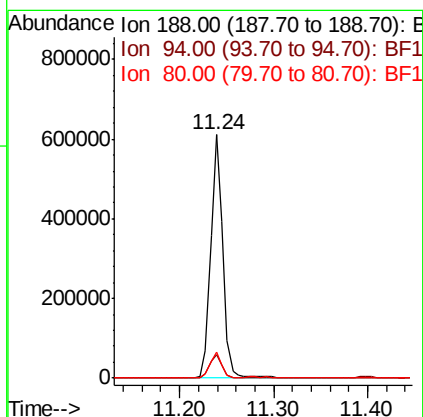
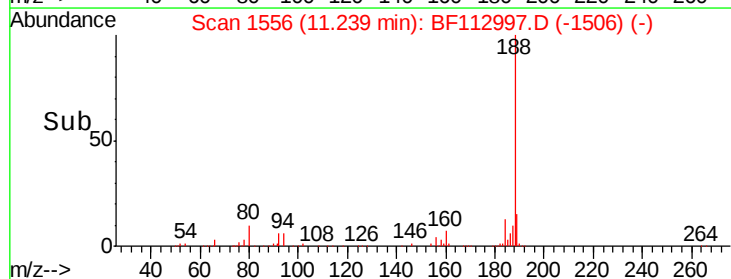
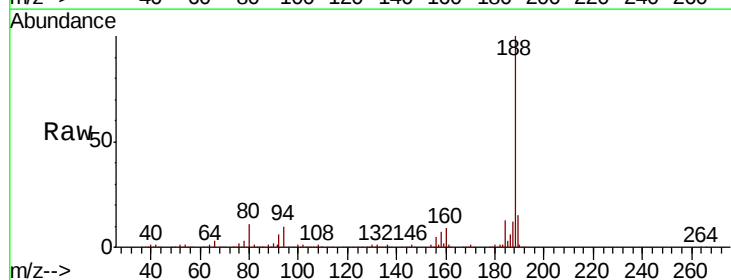
Instrument :
BNA_F
ClientSampled :

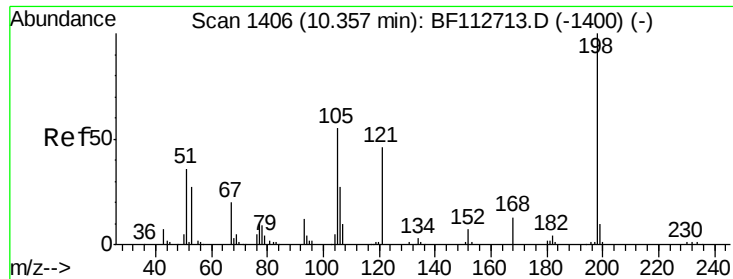
Tot Ion:	77	Resp:	773121
Ion	Ratio	Lower	Upper
77	100		
182	26.7	1.4	41.4
105	23.8	2.6	42.6
51	28.4	12.0	52.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion:	188	Resp:	557060
Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.0	13.4
80	10.6	9.2	13.8

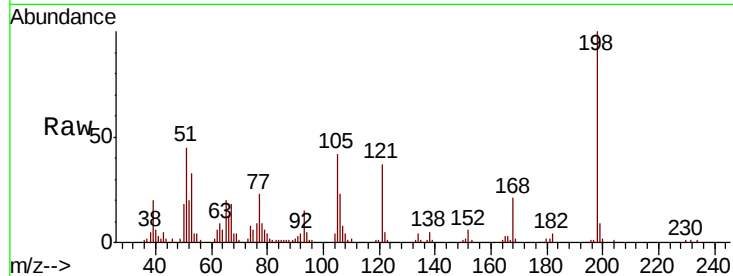




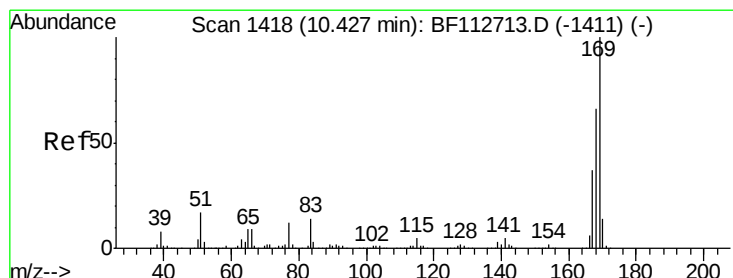
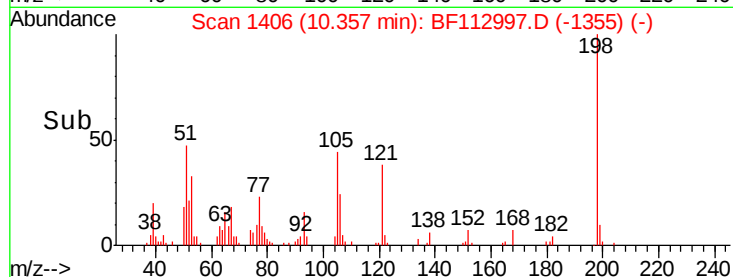
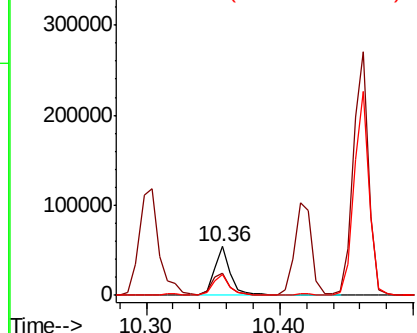
#65
4,6-Dinitro-2-methylphenol
Concen: 22.803 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 46061
Ion Ratio Lower Upper
198 100
51 45.5 43.8 83.8
105 42.3 36.5 76.5

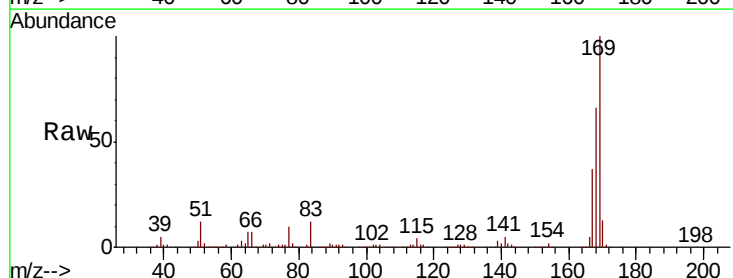


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

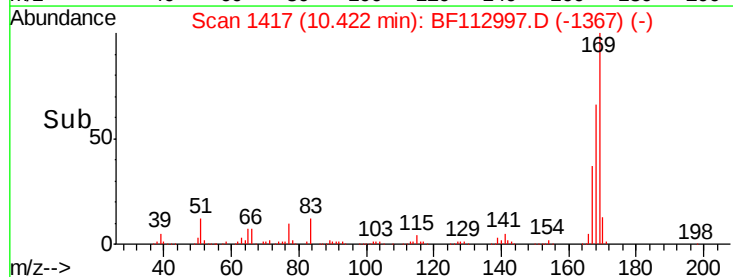
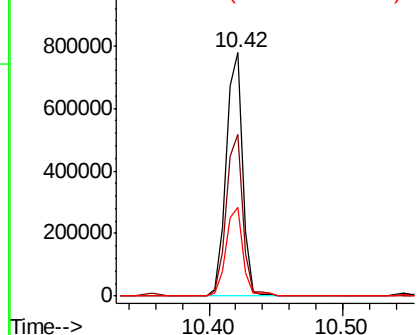


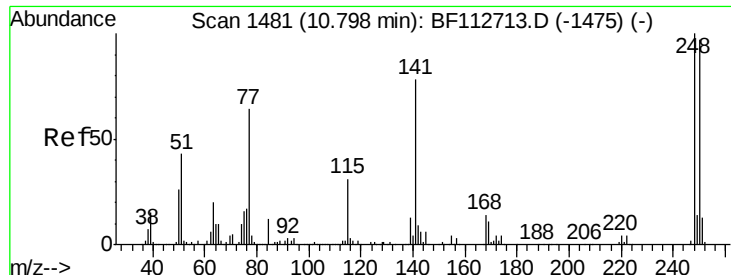
#66
n-Nitrosodiphenylamine
Concen: 38.156 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion:169 Resp: 681671
Ion Ratio Lower Upper
169 100
168 66.2 53.0 79.6
167 36.6 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

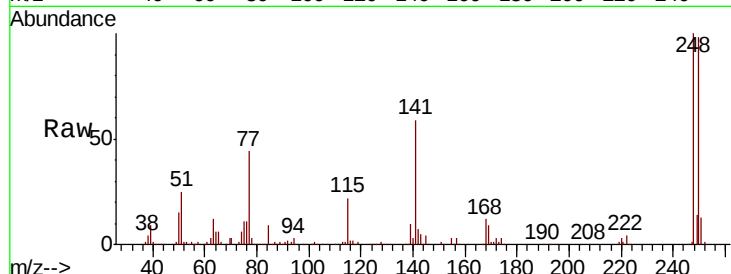




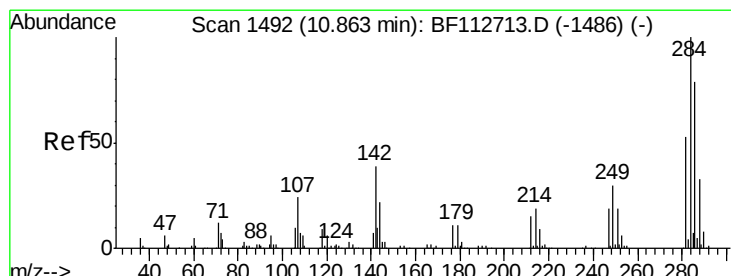
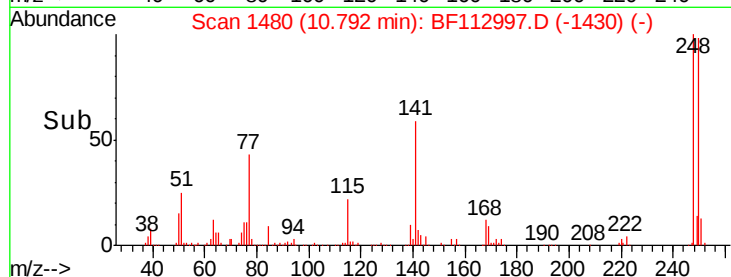
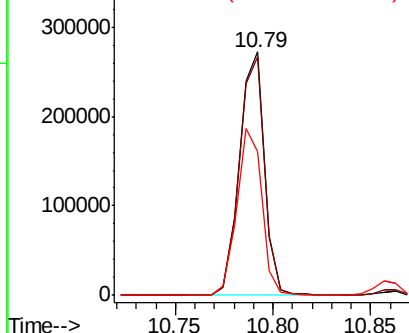
#67
4-Bromophenyl-phenylether
Concen: 41.244 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 241998
Ion Ratio Lower Upper
248 100
250 98.2 77.5 116.3
141 59.0 62.4 93.6#

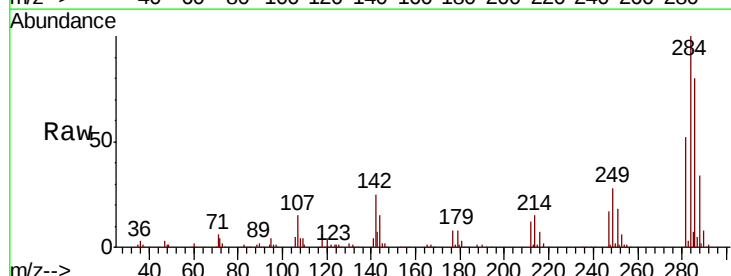


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

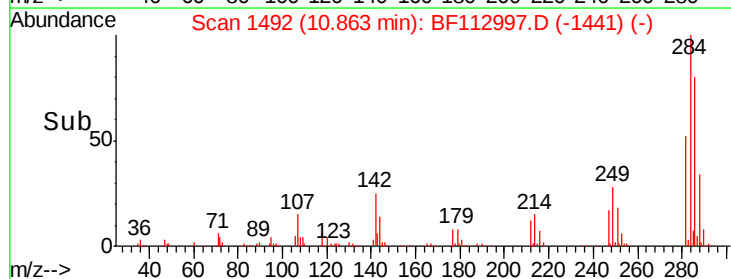
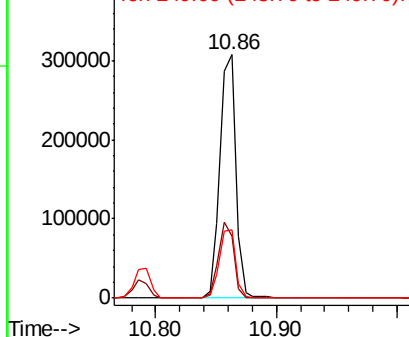


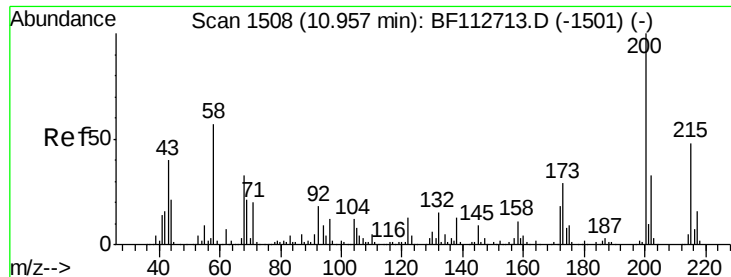
#68
Hexachlorobenzene
Concen: 42.312 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion:284 Resp: 279857
Ion Ratio Lower Upper
284 100
142 25.2 31.0 46.6#
249 27.9 23.6 35.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

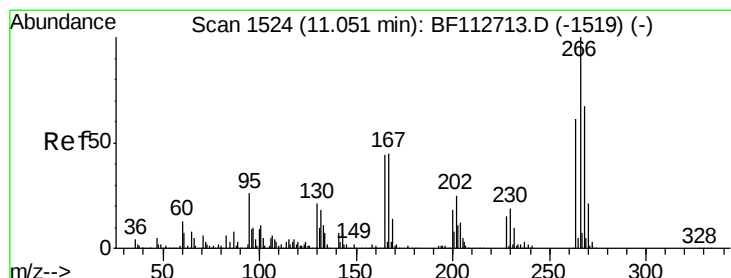
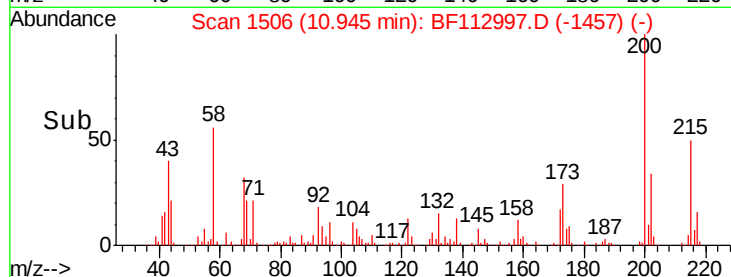
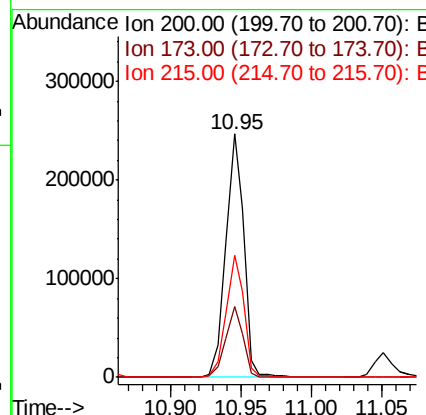
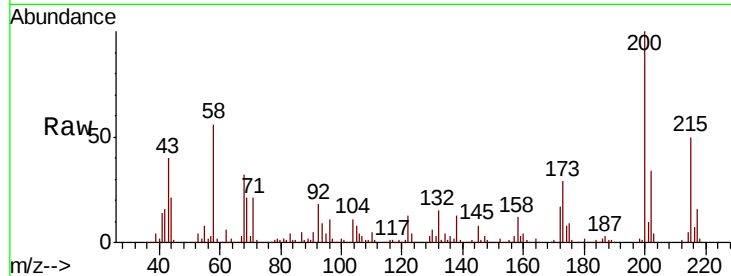




#69
Atrazine
Concen: 40.024 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

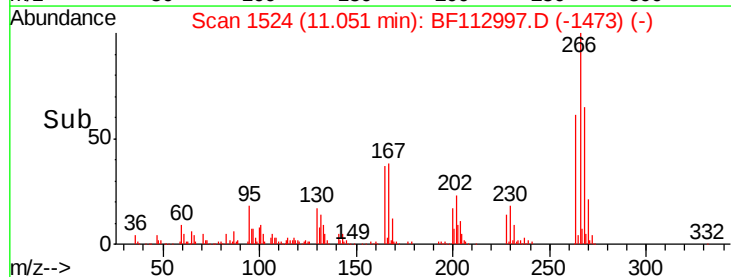
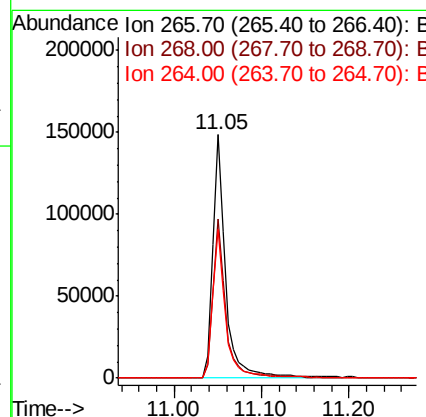
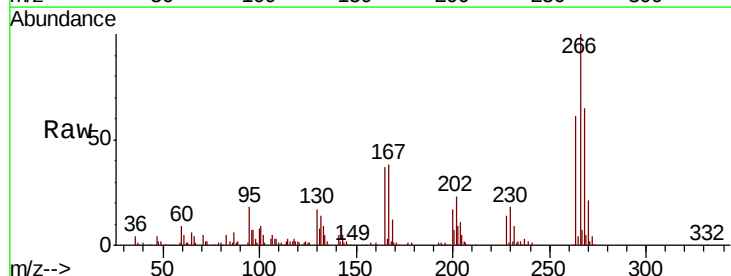
Instrument :
BNA_F
ClientSampleId :

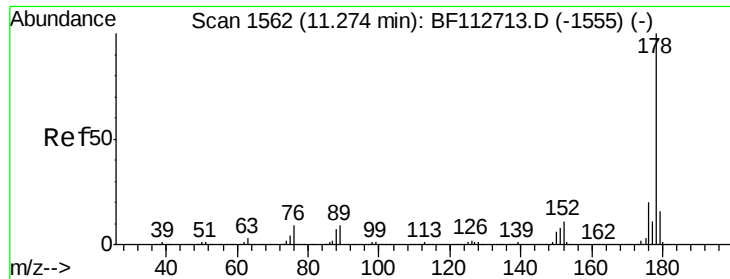
Tot Ion:200 Resp: 218998
Ion Ratio Lower Upper
200 100
173 29.3 9.1 49.1
215 50.0 28.2 68.2



#70
Pentachlorophenol
Concen: 39.292 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion:266 Resp: 152960
Ion Ratio Lower Upper
266 100
268 65.2 53.3 79.9
264 61.2 48.9 73.3





#71

Phenanthrene

Concen: 39.827 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

ClientSampleId :

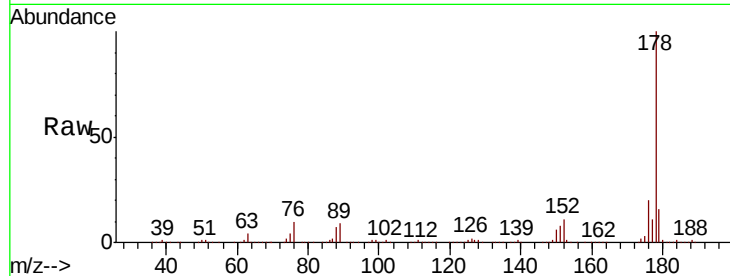
Tot Ion:178 Resp: 1103839

Ion Ratio Lower Upper

178 100

176 20.1 16.3 24.5

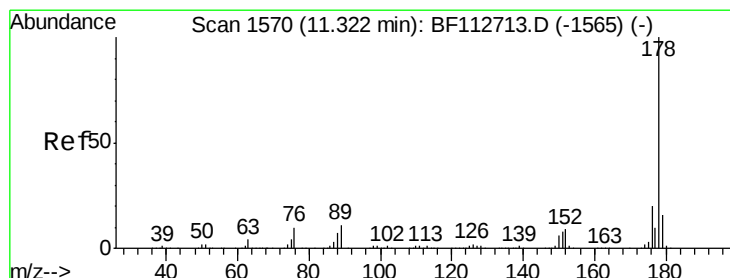
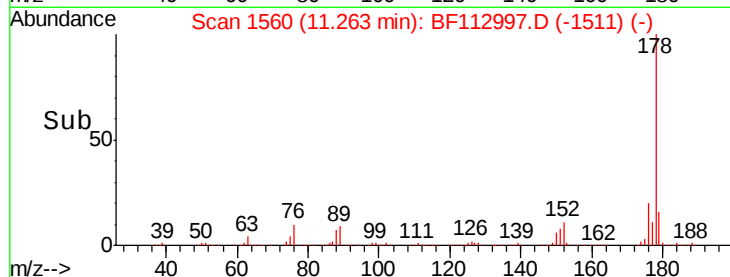
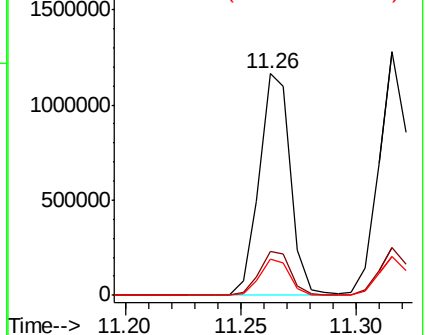
179 16.3 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.221 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

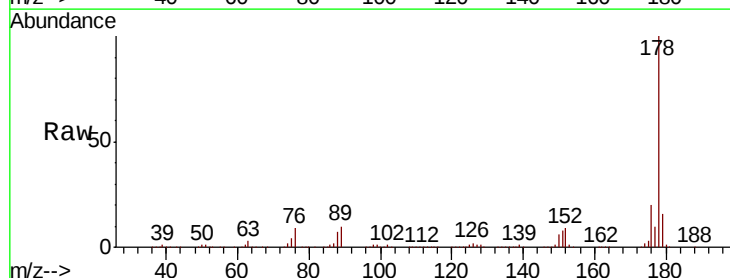
Tgt Ion:178 Resp: 1137894

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

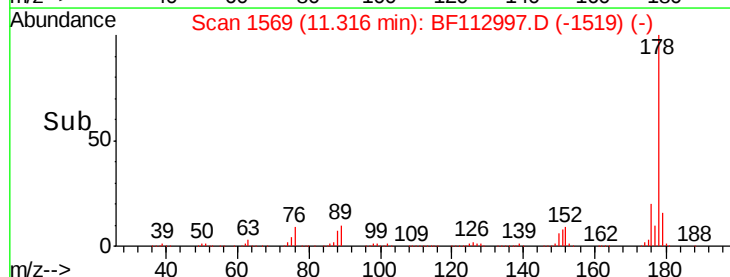
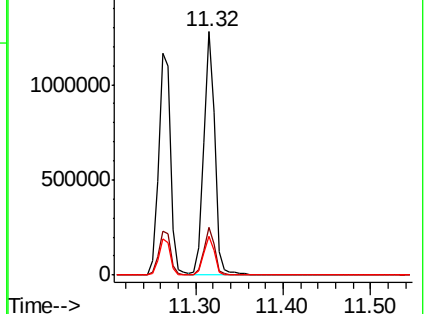
179 15.9 13.0 19.6

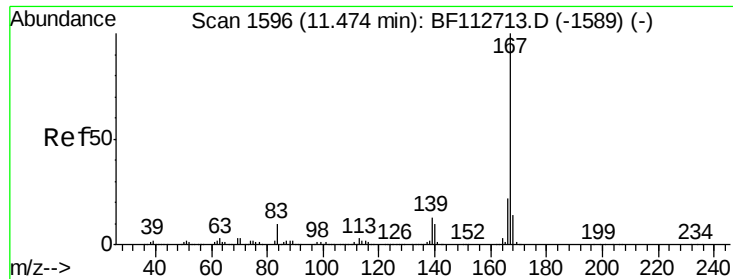


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

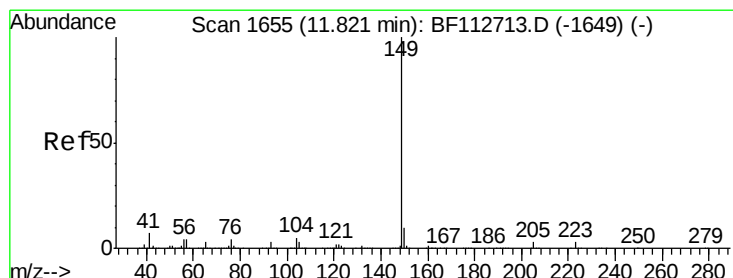
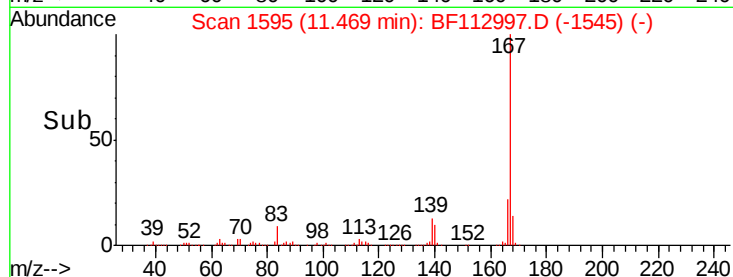
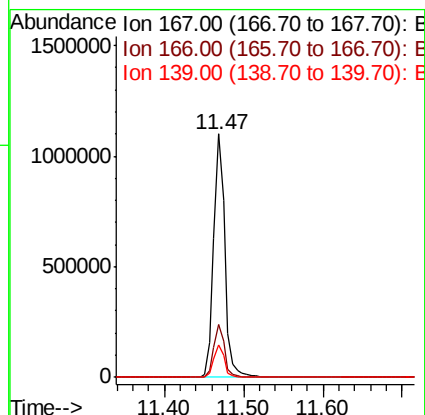
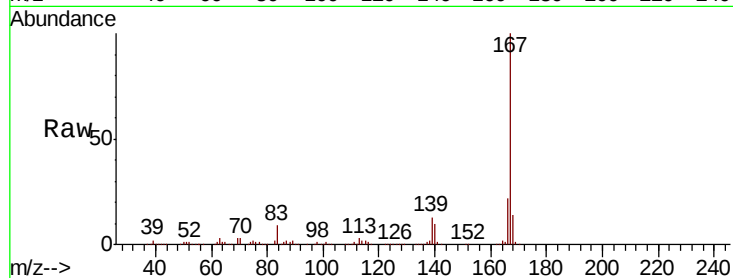




#73
 Carbazole
 Concen: 38.044 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

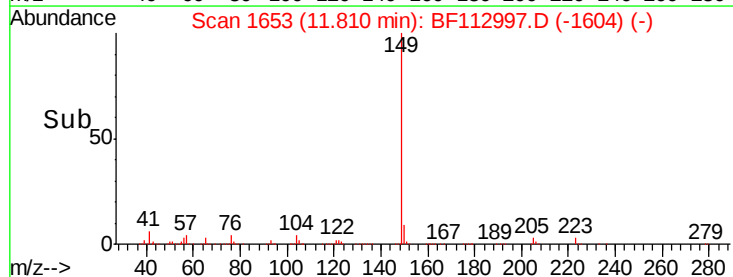
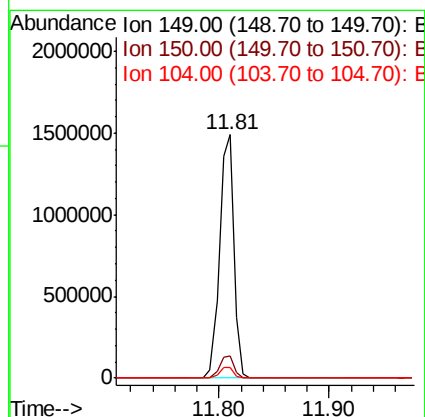
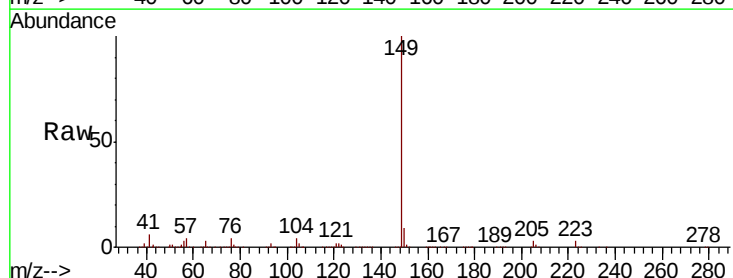
Instrument :
 BNA_F
 ClientSampled :

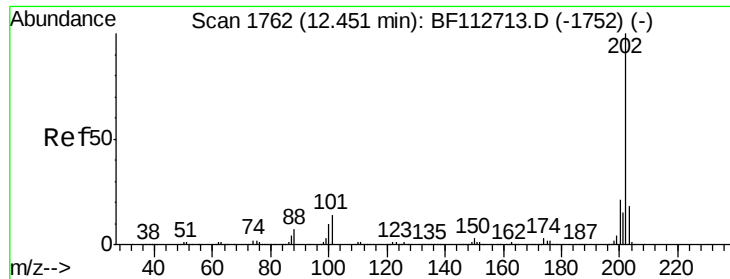
Tot Ion:167 Resp: 1076713
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 13.1 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 39.421 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF112997.D
 Acq: 12 Mar 2019 11:20

Tgt Ion:149 Resp: 1337777
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.6 11.4
 104 4.3 3.7 5.5





#75

Fluoranthene

Concen: 37.703 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

ClientSampleId :

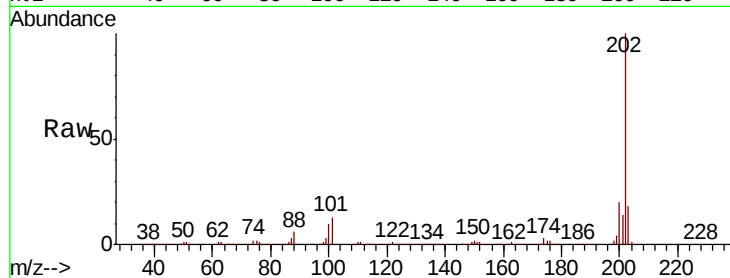
Tot Ion:202 Resp: 1119579

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.8

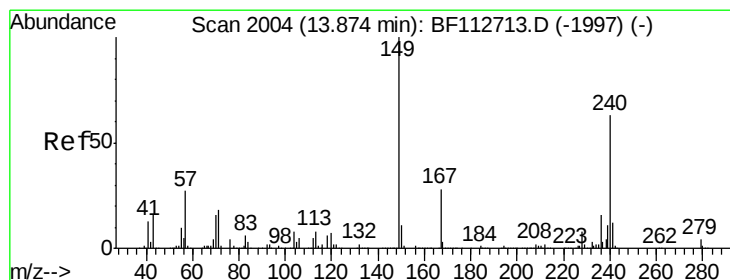
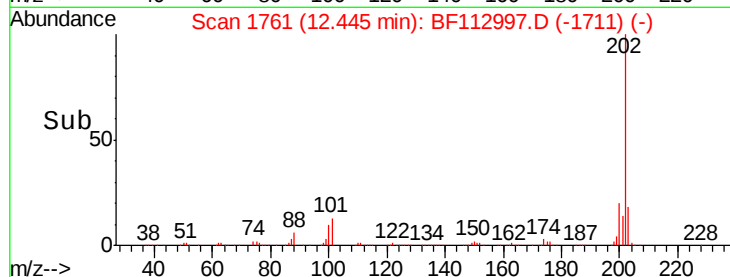
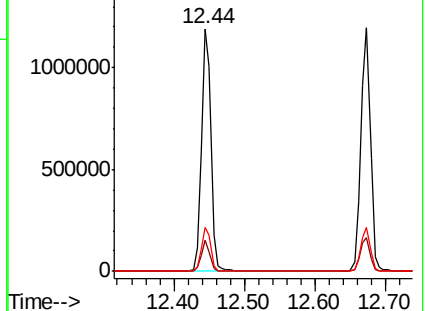
203 18.1 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

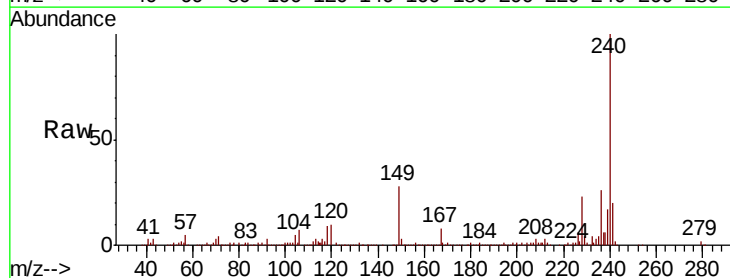
Tgt Ion:240 Resp: 398574

Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

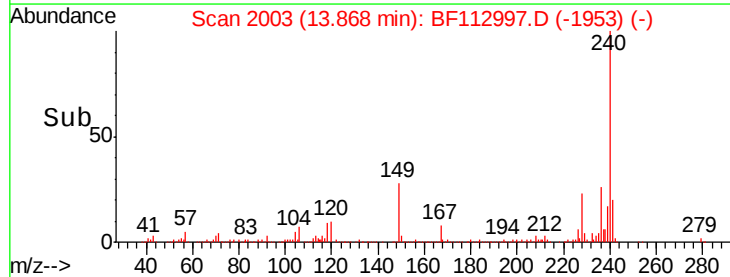
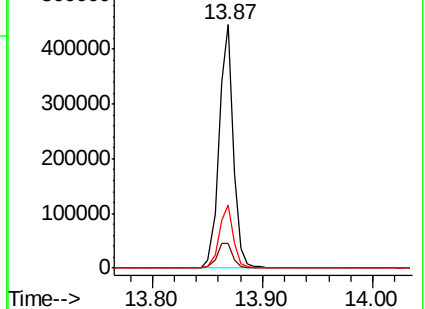
236 26.1 20.7 31.1

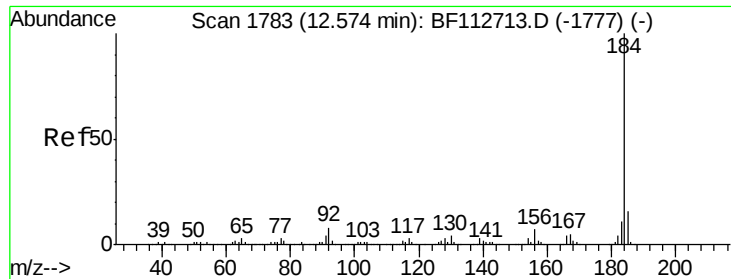


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.264 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

ClientSampleId :

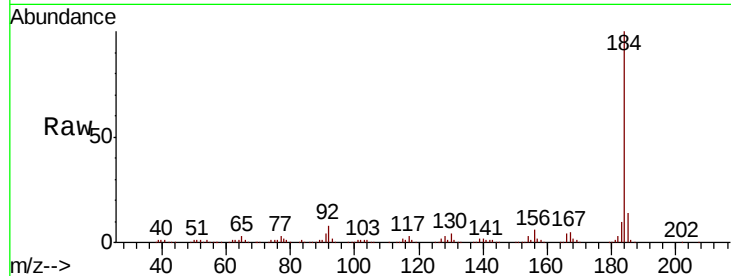
Tot Ion:184 Resp: 563781

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

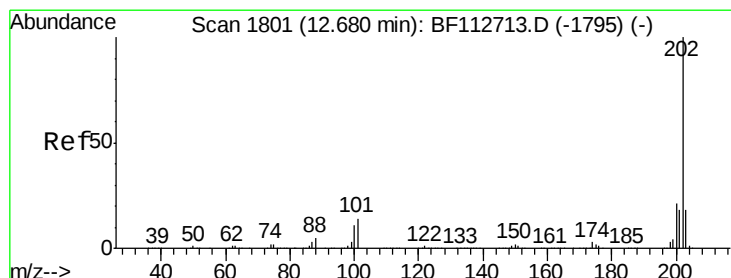
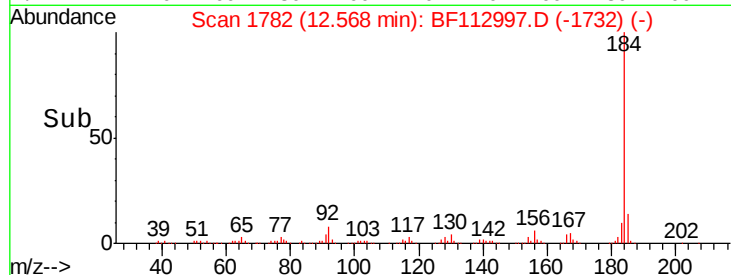
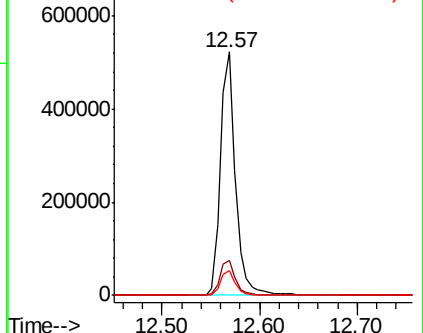
183 10.3 8.6 12.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 33.575 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

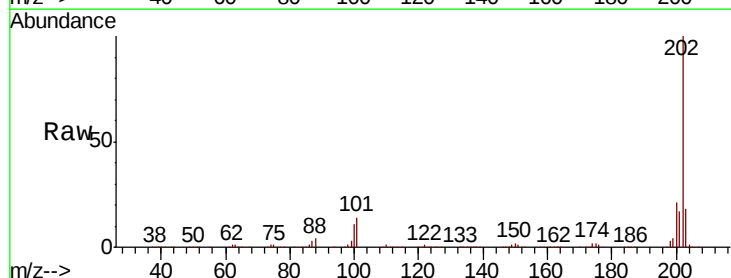
Tgt Ion:202 Resp: 1128136

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

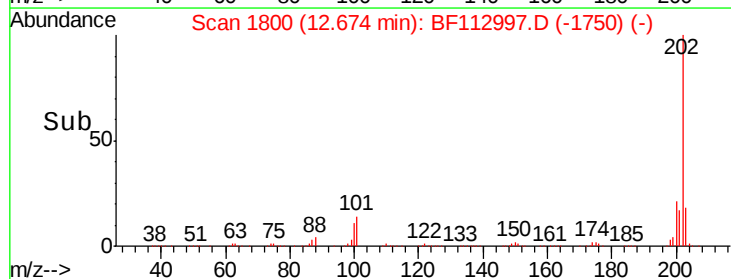
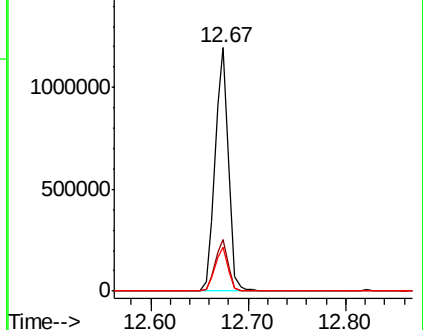
203 18.0 14.4 21.6

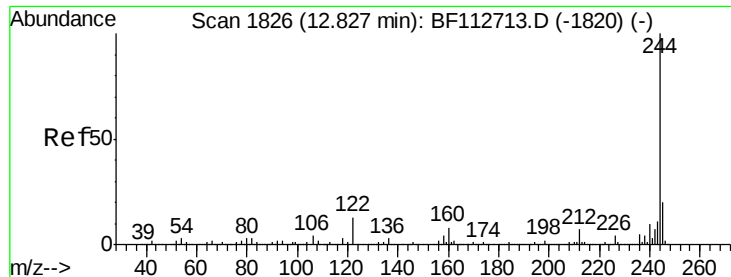


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.926 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

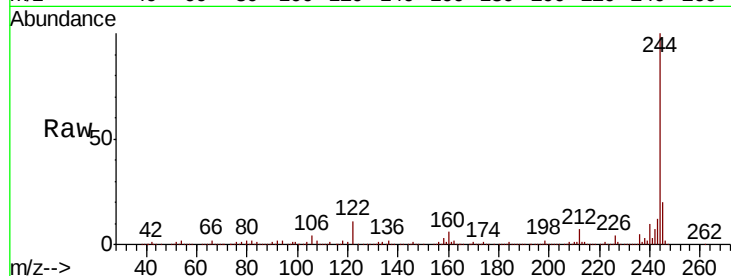
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1519987

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	10.7	10.5	15.7

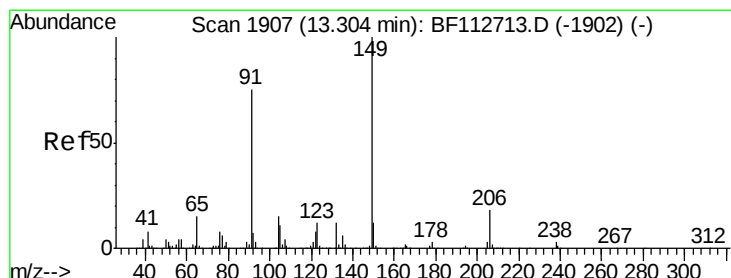
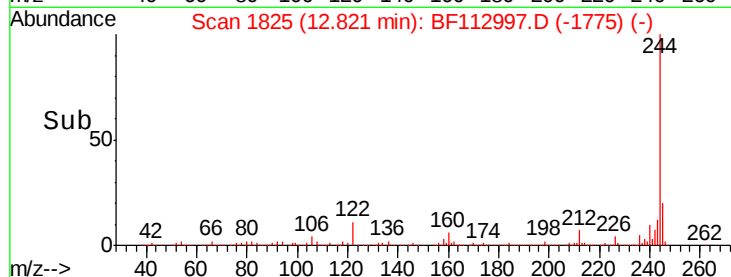
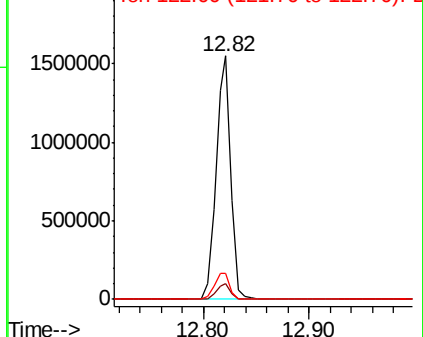


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.371 ng

RT: 13.29 min Scan# 1905

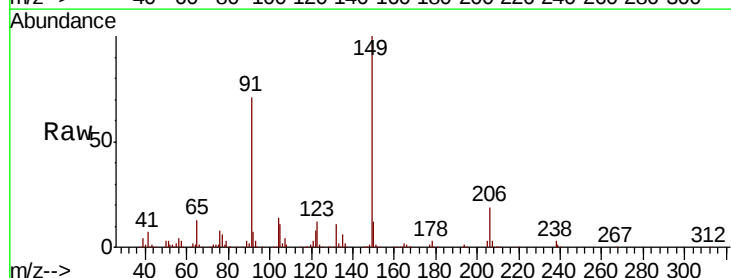
Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Tgt Ion:149 Resp: 524601

Ion	Ratio	Lower	Upper
149	100		
91	71.4	59.9	89.9
206	19.5	14.7	22.1

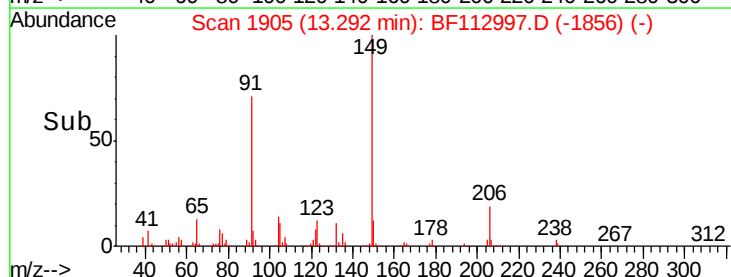
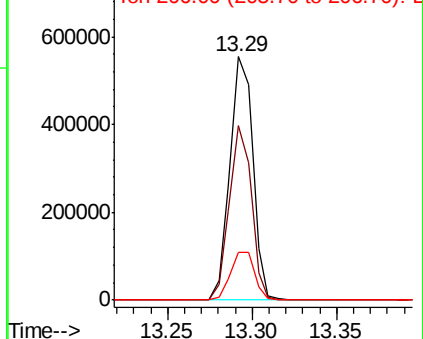


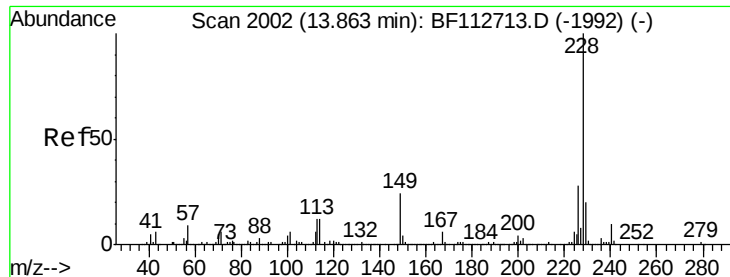
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.452 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

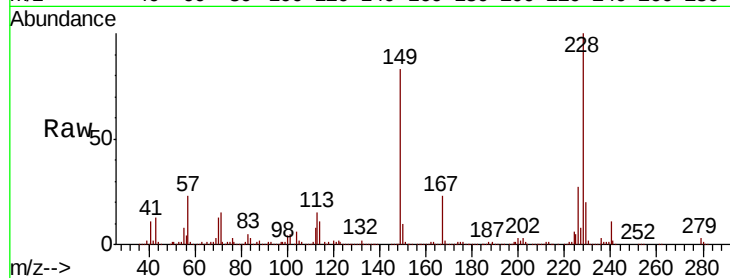
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 924079

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.4
229	20.4	16.0	24.0

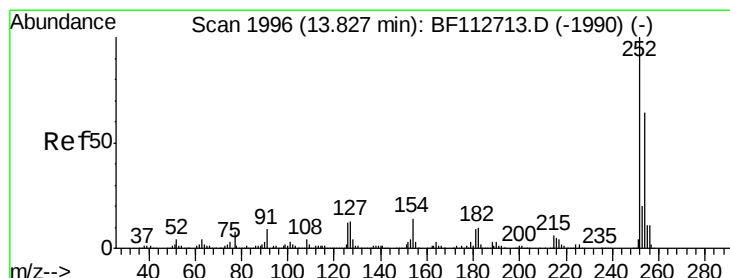
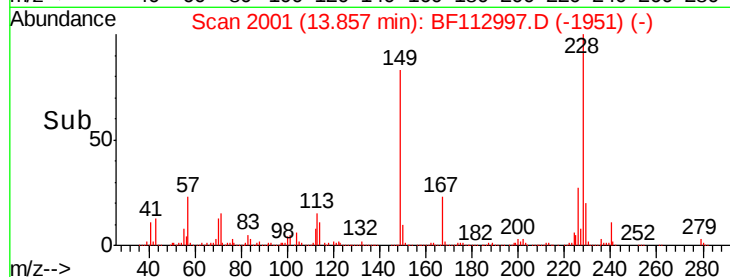
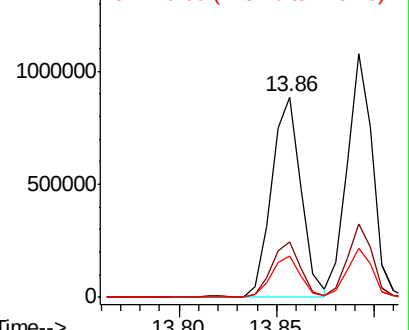


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.183 ng

RT: 13.82 min Scan# 1995

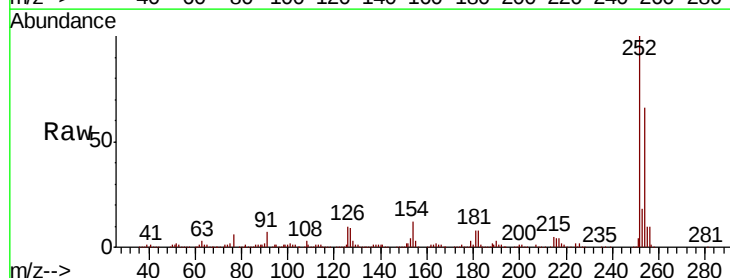
Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Tgt Ion:252 Resp: 398915

Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.1	76.7
126	9.9	9.9	14.9

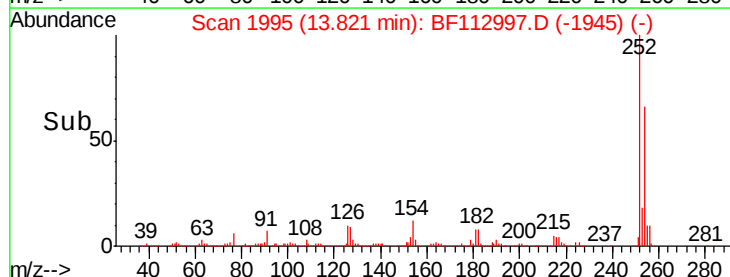
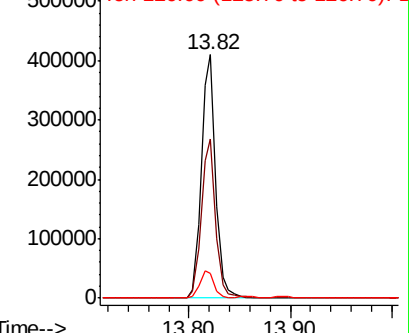


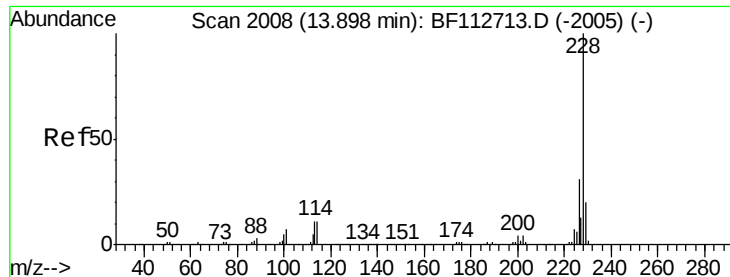
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 36.062 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

Instrument :

BNA_F

ClientSampleId :

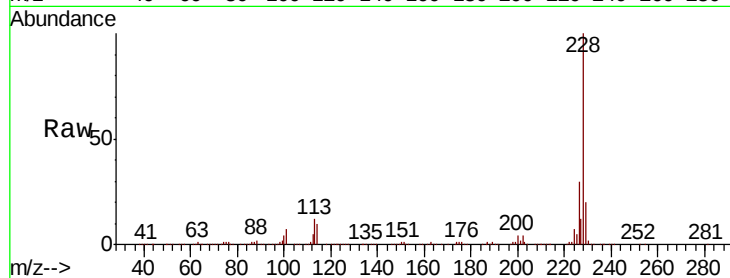
Tot Ion:228 Resp: 975774

Ion Ratio Lower Upper

228 100

226 30.2 24.9 37.3

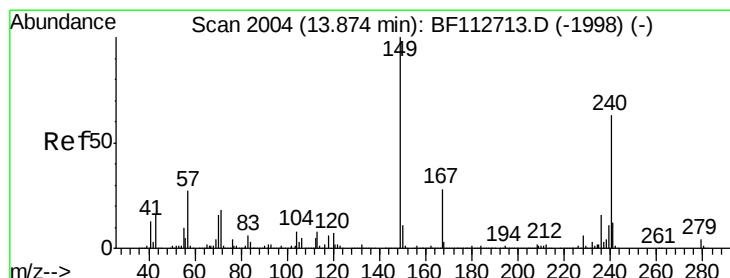
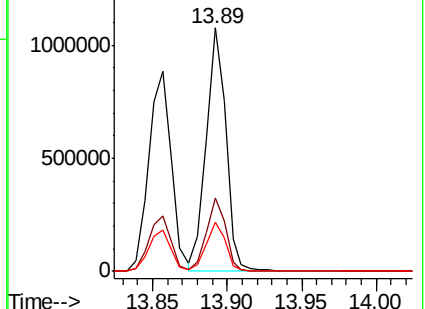
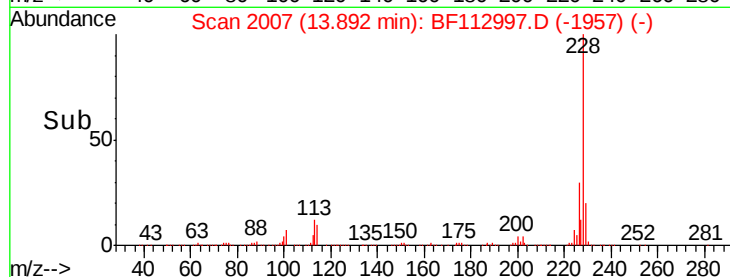
229 20.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.735 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF112997.D

Acq: 12 Mar 2019 11:20

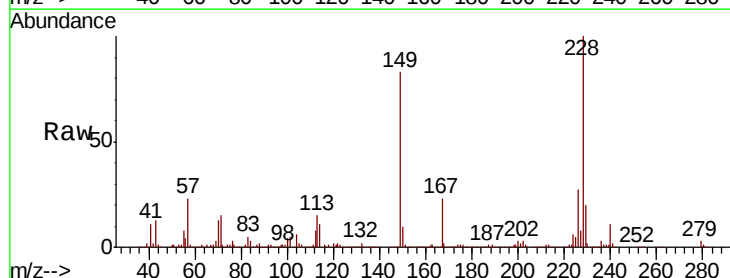
Tgt Ion:149 Resp: 673863

Ion Ratio Lower Upper

149 100

167 27.9 22.4 33.6

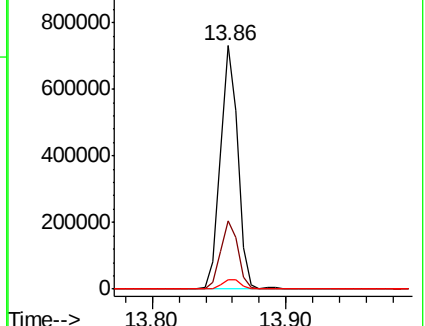
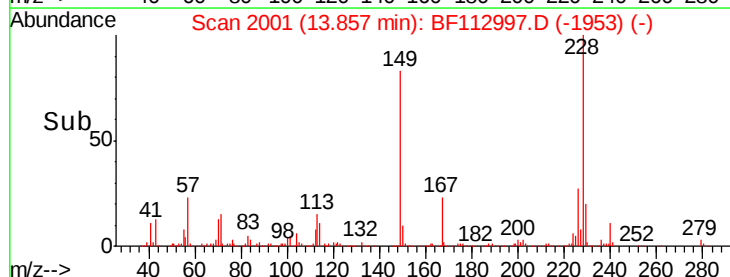
279 3.9 3.3 4.9

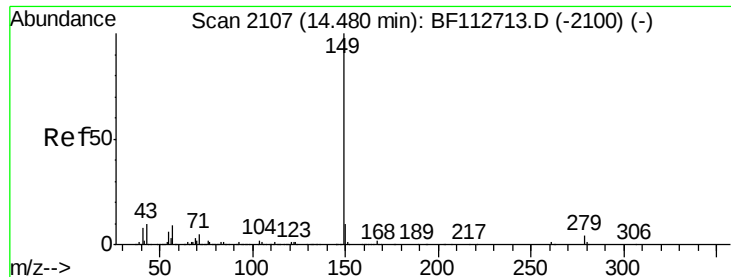


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

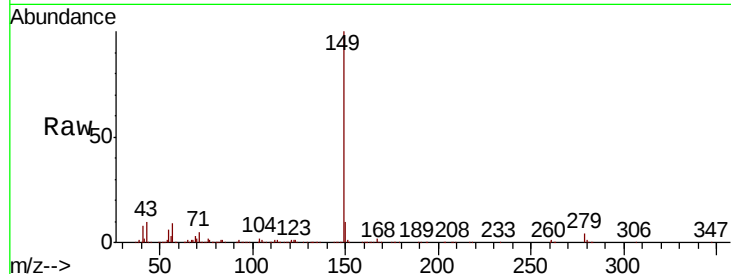




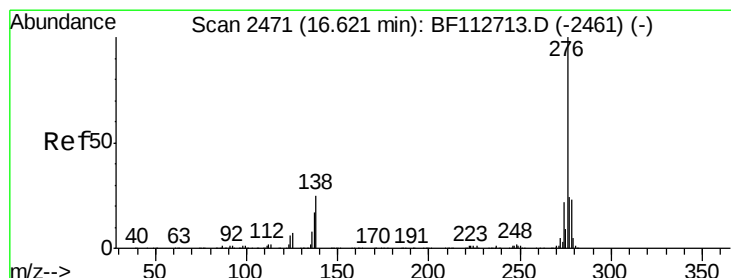
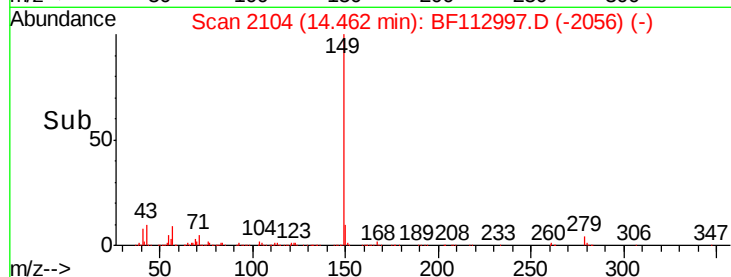
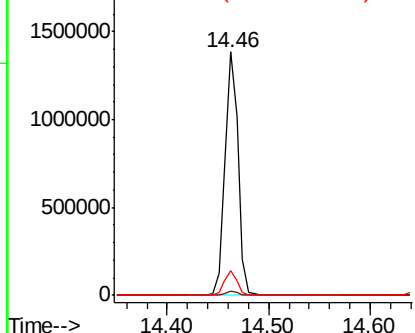
#85
Di-n-octyl phthalate
Concen: 41.347 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1235134
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.8 9.0 13.4

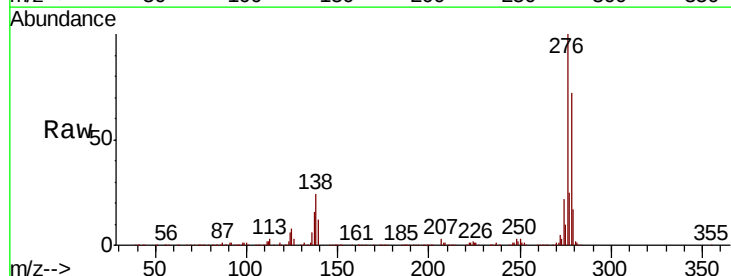


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

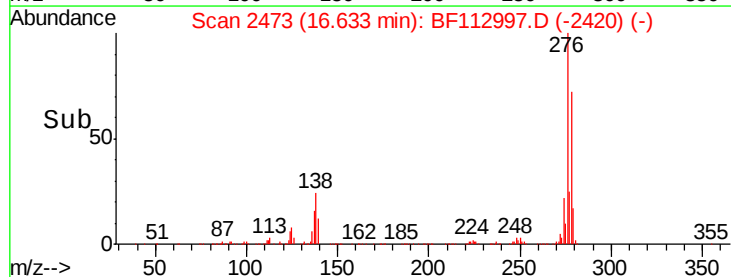
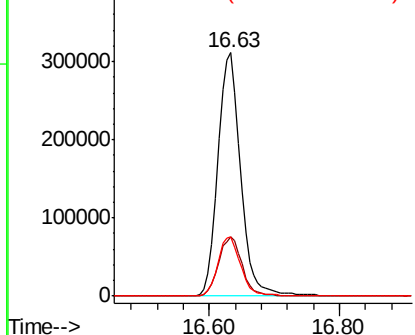


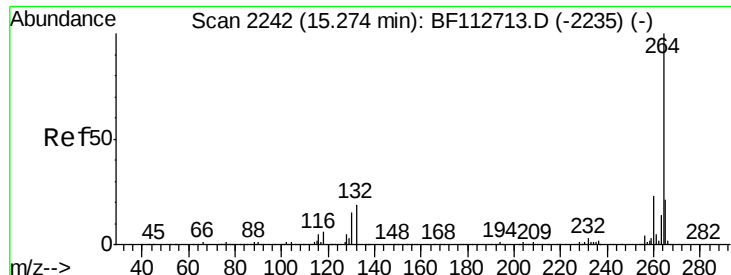
#86
Indeno(1,2,3-cd)pyrene
Concen: 32.732 ng
RT: 16.63 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion:276 Resp: 755065
Ion Ratio Lower Upper
276 100
138 25.4 23.2 34.8
277 24.7 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



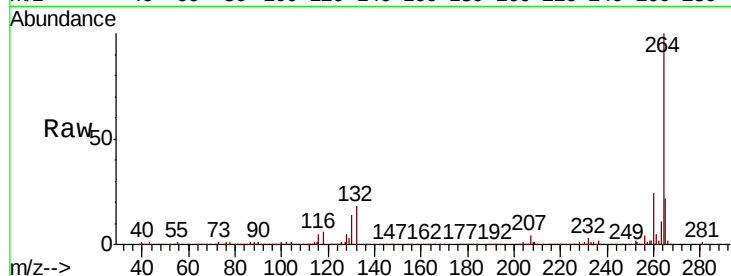


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

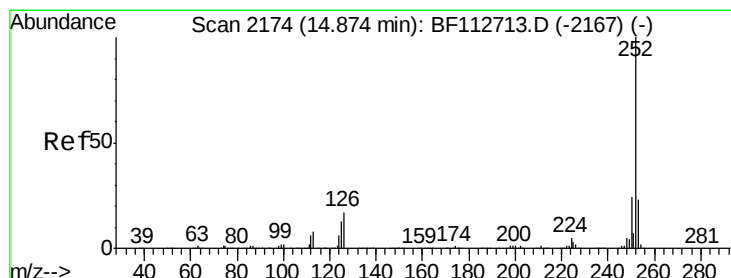
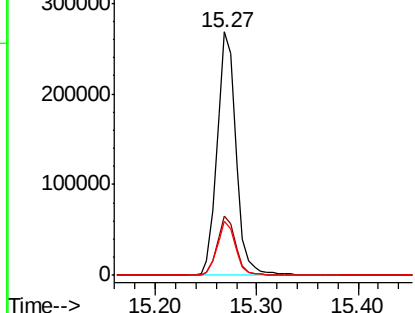
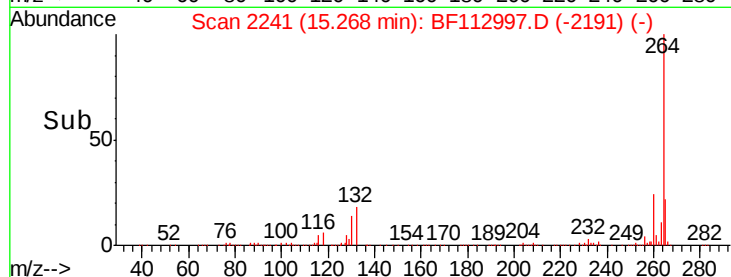
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 348734

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.4	17.2	25.8



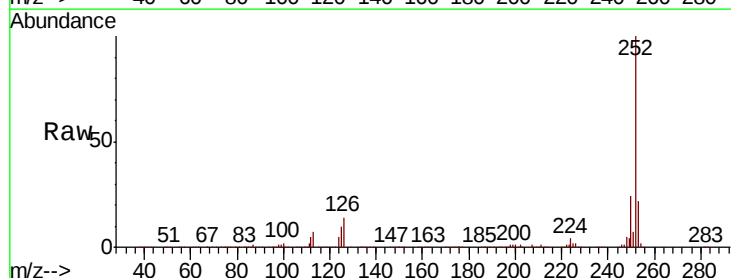
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



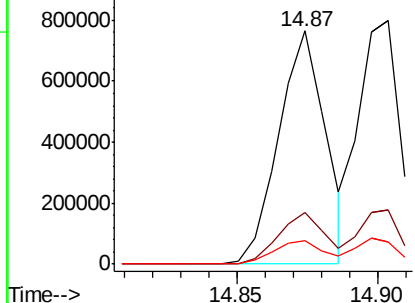
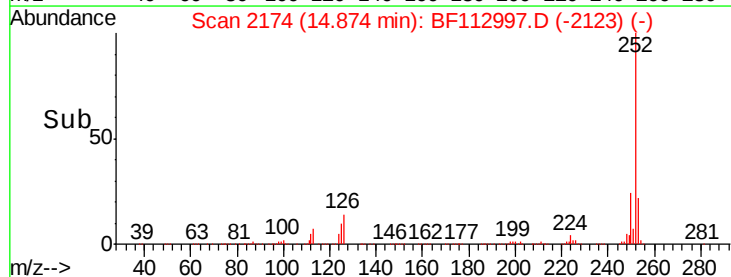
#88
Benzo(b)fluoranthene
Concen: 39.136 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

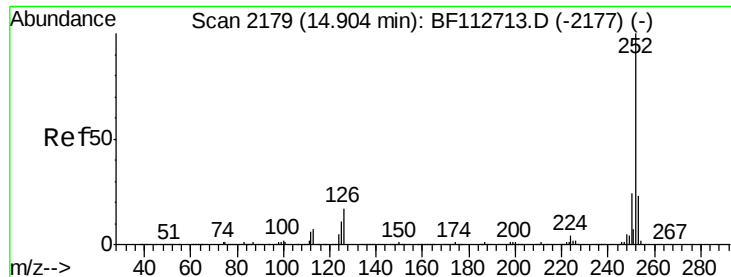
Tgt Ion:252 Resp: 882784

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.3	10.2	15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

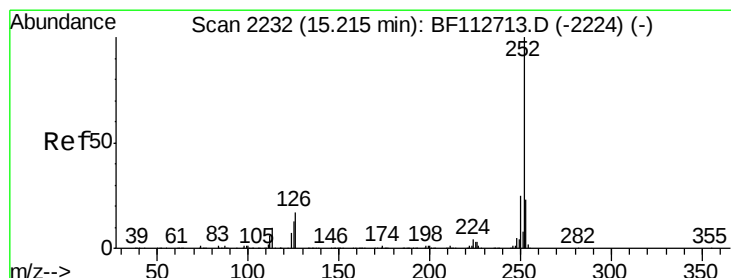
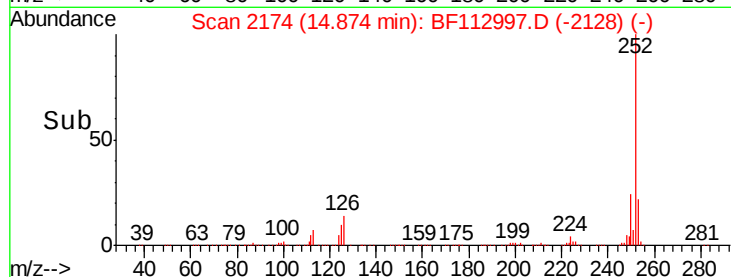
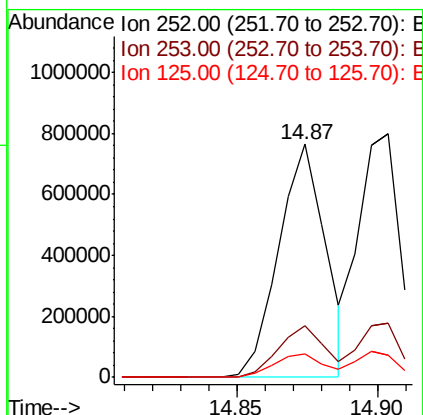
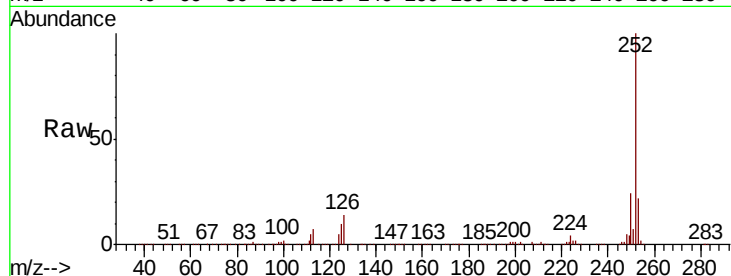




#89
Benzo(k)fluoranthene
Concen: 43.205 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

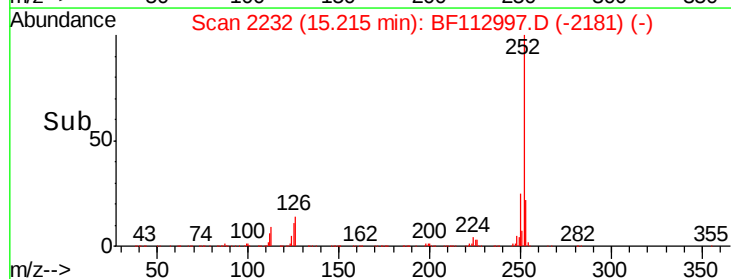
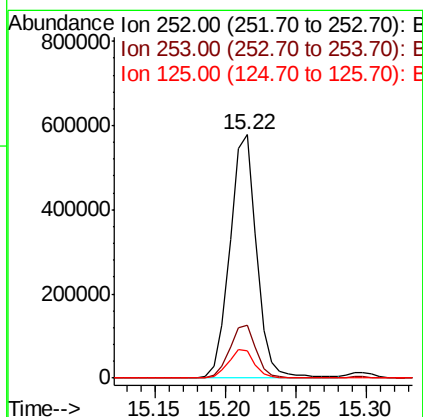
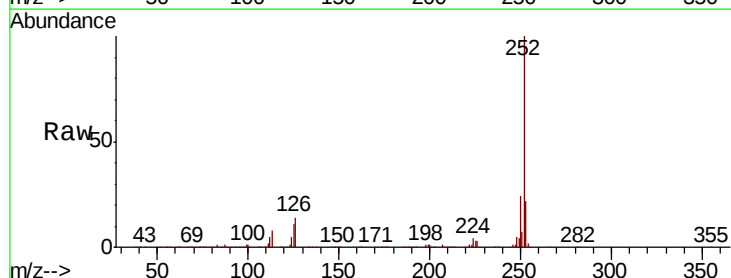
Instrument :
BNA_F
ClientSampled :

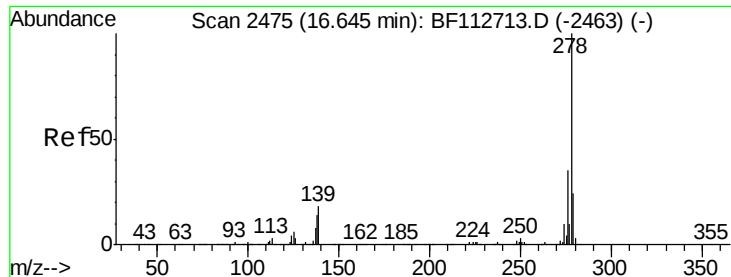
Tot Ion:252 Resp: 882784
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 10.3 9.8 14.6



#90
Benzo(a)pyrene
Concen: 38.314 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion:252 Resp: 764450
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 11.2 10.7 16.1

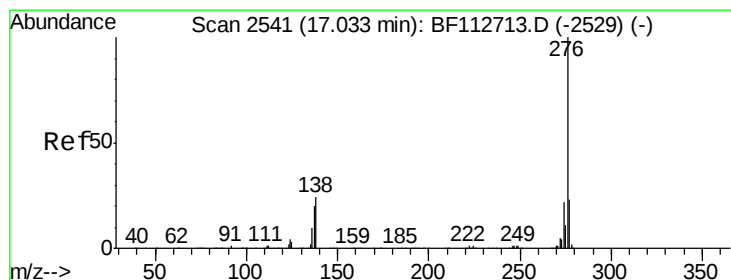
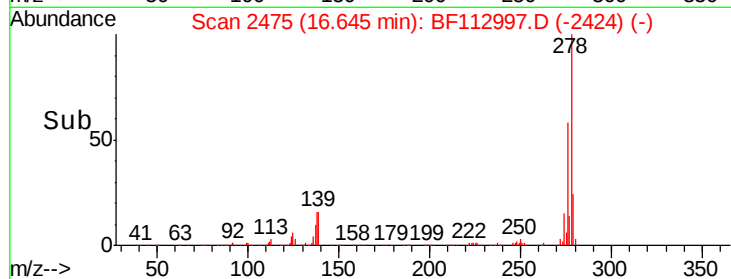
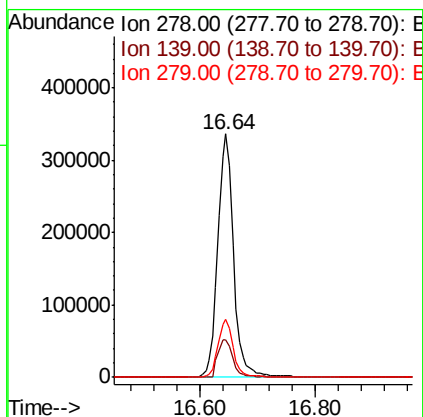
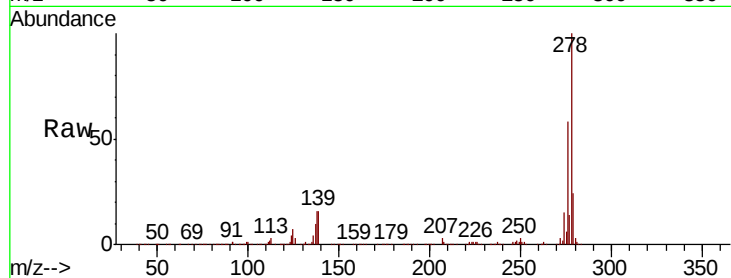




#91
Dibenzo(a,h)anthracene
Concen: 37.512 ng
RT: 16.64 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	14.3	21.5
279	23.6	19.4	29.0



#92
Benzo(g,h,i)perylene
Concen: 35.067 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF112997.D
Acq: 12 Mar 2019 11:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	27.8
138	21.0	19.4	29.0

