

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
 Data File : BF112940.D
 Acq On : 8 Mar 2019 13:23
 Operator : JU/SJ
 Sample : K1809-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 22:06:33 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	178300	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	663397	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	321035	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	662765	20.00	ng	0.00
76) Chrysene-d12	13.87	240	503538	20.00	ng	0.00
87) Perylene-d12	15.26	264	475945	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1232204	107.50	ng	0.00
7) Phenol-d6	6.37	99	1595969	110.84	ng	0.00
23) Nitrobenzene-d5	7.29	82	993559	89.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	478515	140.40	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1681392	87.44	ng	0.00
79) Terphenyl-d14	12.82	244	1908481	73.47	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.41	88	185183	32.230	ng	97
3) Pyridine	3.15	79	291179	18.943	ng	96
4) n-Nitrosodimethylamine	3.05	42	223715	33.270	ng	93
6) Aniline	6.39	93	557557	28.132	ng	# 77
8) 2-Chlorophenol	6.52	128	477011	37.385	ng	90
9) Benzaldehyde	6.27	77	265378	25.579	ng	99
10) Phenol	6.39	94	602542	35.861	ng	86
11) bis(2-Chloroethyl)ether	6.47	93	465823	36.120	ng	97
12) 1,3-Dichlorobenzene	6.67	146	504298	38.260	ng	96
13) 1,4-Dichlorobenzene	6.75	146	513649	38.858	ng	97
14) 1,2-Dichlorobenzene	6.90	146	481375	39.725	ng	99
15) Benzyl Alcohol	6.87	79	419667	38.223	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	760662	35.344	ng	96
17) 2-Methylphenol	6.99	107	406800	39.300	ng	96
18) Hexachloroethane	7.25	117	185906	36.715	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	322866	35.406	ng	96
20) 3+4-Methylphenols	7.15	107	465341	39.819	ng	94
22) Acetophenone	7.14	105	636657	41.043	ng	# 95
24) Nitrobenzene	7.31	77	520396	42.174	ng	99
25) Isophorone	7.55	82	937800	39.264	ng	100
26) 2-Nitrophenol	7.63	139	263317	51.263	ng	97
27) 2,4-Dimethylphenol	7.67	122	432186	45.226	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	588606	39.417	ng	99
29) 2,4-Dichlorophenol	7.87	162	410396	44.285	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	426906	42.873	ng	99
31) Naphthalene	8.03	128	1353597	41.098	ng	100
32) Benzoic acid	7.74	122	31932	4.768	ng	86
33) 4-Chloroaniline	8.08	127	411945	29.530	ng	99
34) Hexachlorobutadiene	8.16	225	244024	43.455	ng	98
35) Caprolactam	8.47	113	58065	17.790	ng	89
36) 4-Chloro-3-methylphenol	8.57	107	432479	42.169	ng	98
37) 2-Methylnaphthalene	8.73	142	910195	42.793	ng	98
38) 1-Methylnaphthalene	8.82	142	857594	41.623	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	396275	42.329	ng	99

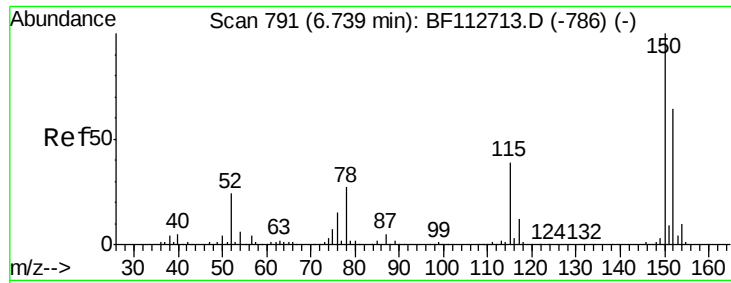
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	489539	95.492	nq	99
43) 2,4,6-Trichlorophenol	9.00	196	298083	46.265	nq	99
44) 2,4,5-Trichlorophenol	9.05	196	323424	46.442	nq	98
46) 1,1'-Biphenyl	9.19	154	1093349	41.754	nq	100
47) 2-Chloronaphthalene	9.21	162	859574	42.040	nq	99
48) 2-Nitroaniline	9.30	65	286483	46.097	nq	96
49) Acenaphthylene	9.62	152	1392066	40.104	nq	100
50) Dimethylphthalate	9.49	163	1094036	46.217	nq	99
51) 2,6-Dinitrotoluene	9.55	165	233757	47.421	nq	87
52) Acenaphthene	9.80	154	859499	42.342	nq	97
53) 3-Nitroaniline	9.71	138	223396	37.192	nq	96
54) 2,4-Dinitrophenol	9.82	184	126724	64.232	nq	96
55) Dibenzofuran	9.97	168	1221023	41.387	nq	97
56) 4-Nitrophenol	9.89	139	418904	85.813	nq	85
57) 2,4-Dinitrotoluene	9.95	165	307951	50.259	nq	# 83
58) Fluorene	10.31	166	886939	42.358	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	269901	46.518	nq	95
60) Diethylphthalate	10.19	149	1024454	40.977	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	436860	44.841	nq	93
62) 4-Nitroaniline	10.32	138	276822	49.875	nq	96
63) Azobenzene	10.46	77	970258	37.890	nq	94
65) 4,6-Dinitro-2-methylphenol	10.36	198	117232	43.525	nq	78
66) n-Nitrosodiphenylamine	10.42	169	844174	39.716	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	295628	42.348	nq	99
68) Hexachlorobenzene	10.86	284	346370	44.016	nq	94
69) Atrazine	10.95	200	280120	43.030	nq	96
70) Pentachlorophenol	11.05	266	333852	72.080	nq	98
71) Phenanthrene	11.26	178	1367785	41.479	nq	100
72) Anthracene	11.32	178	1427731	41.362	nq	99
73) Carbazole	11.47	167	1388356	41.231	nq	100
74) Di-n-butylphthalate	11.80	149	1613288	39.958	nq	99
75) Fluoranthene	12.44	202	1552129	43.934	nq	98
77) Benzidine	12.56	184	437186	16.735	nq	99
78) Pyrene	12.67	202	1574256	37.085	nq	100
80) Butylbenzylphthalate	13.29	149	735375	39.246	nq	96
81) Benzo(a)anthracene	13.85	228	1277874	36.617	nq	99
82) 3,3'-Dichlorobenzidine	13.82	252	404348	30.635	nq	99
83) Chrysene	13.89	228	1311166	38.356	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	856444	38.968	nq	99
85) Di-n-octyl phthalate	14.46	149	1606428	42.567	nq	97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1304594	44.765	nq	95
88) Benzo(b)fluoranthene	14.90	252	1093940	35.534	nq	98
89) Benzo(k)fluoranthene	14.90	252	1093940	39.230	nq	99
90) Benzo(a)pyrene	15.21	252	1150336	42.245	nq	98
91) Dibenzo(a,h)anthracene	16.64	278	1074707	46.252	nq	97
92) Benzo(g,h,i)perylene	17.03	276	1147416	49.177	nq	98

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

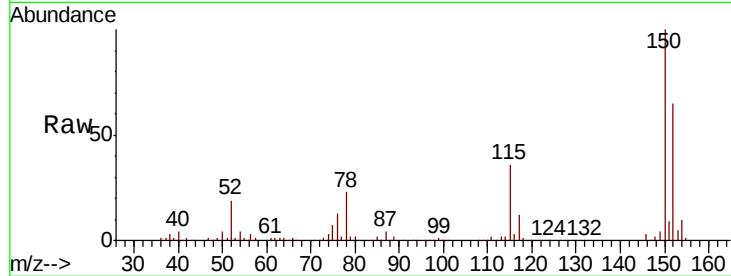


#1

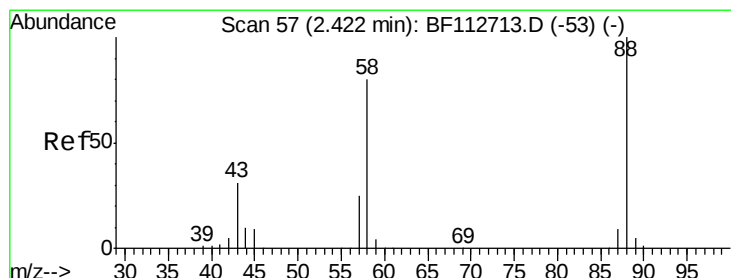
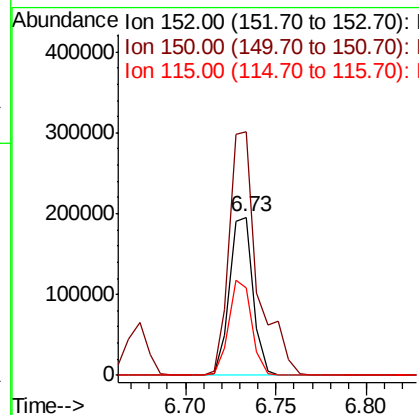
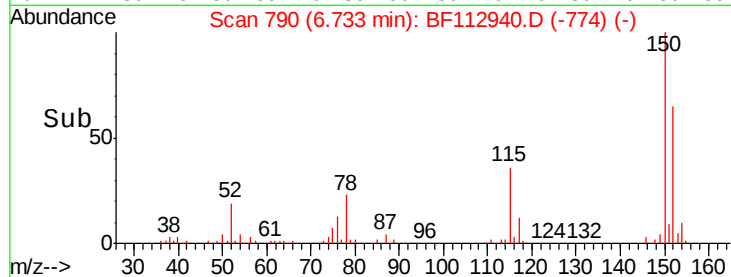
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 178300
Ion Ratio Lower Upper
152 100
150 154.2 124.2 186.2
115 55.7 48.2 72.4



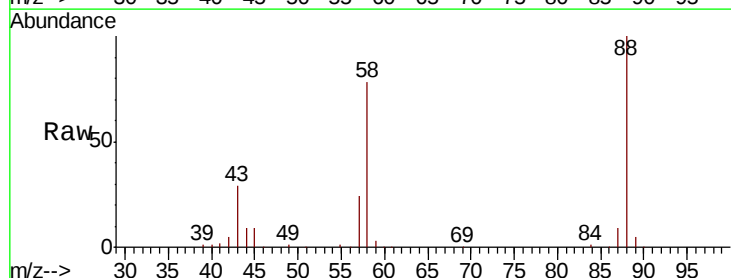
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



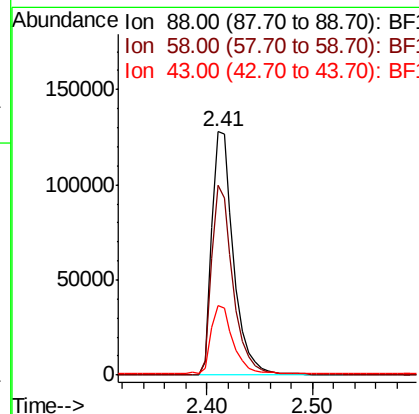
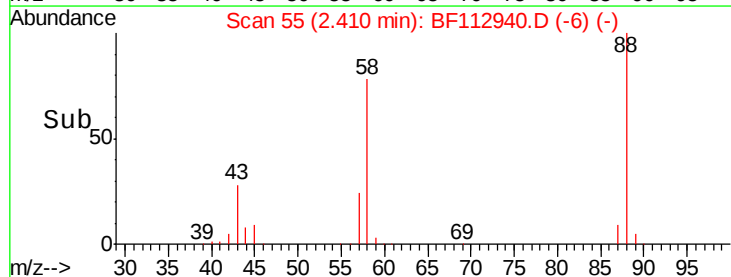
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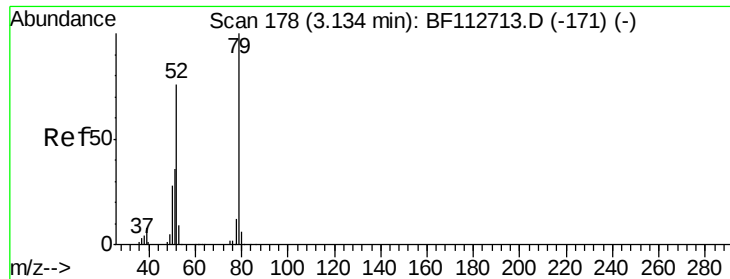
1,4-Dioxane
Concen: 32.230 ng
RT: 2.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Tgt Ion: 88 Resp: 185183
Ion Ratio Lower Upper
88 100
58 77.0 63.1 94.7
43 28.1 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: 18.943 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

Instrument :

BNA_F

ClientSampled :

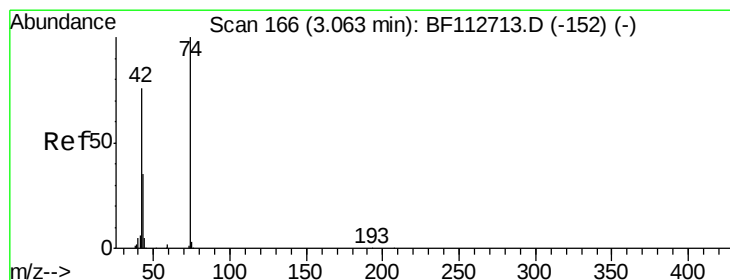
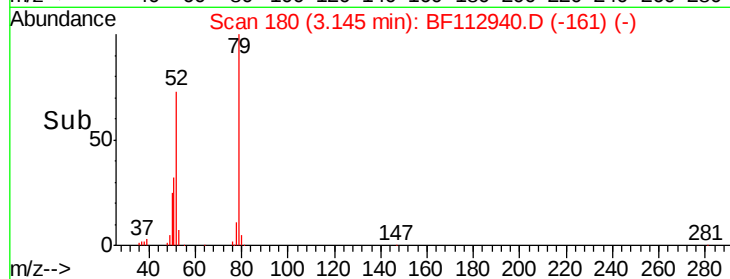
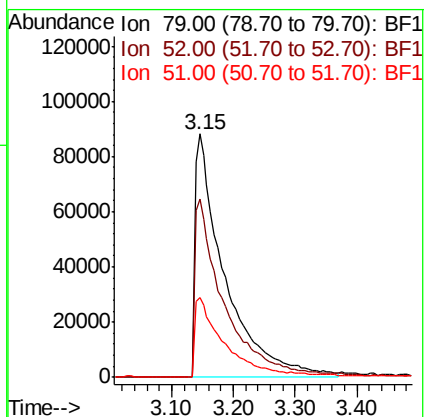
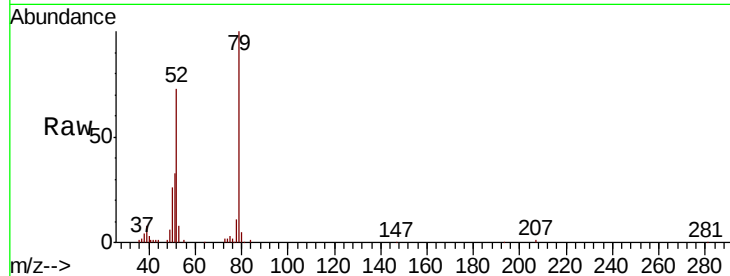
Tot Ion: 79 Resp: 291179

Ion Ratio Lower Upper

79 100

52 73.0 60.5 90.7

51 32.6 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 33.270 ng

RT: 3.05 min Scan# 164

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

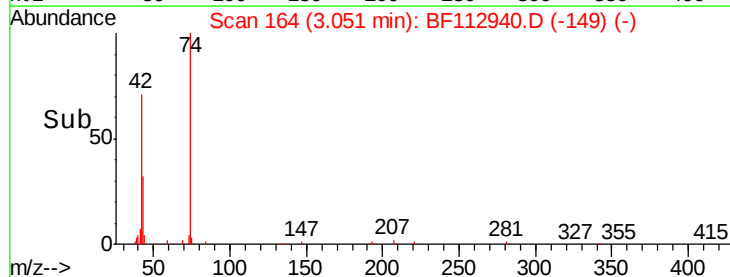
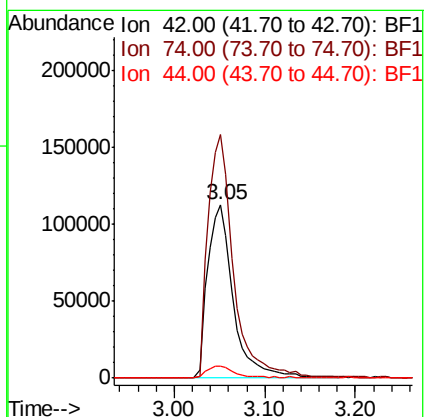
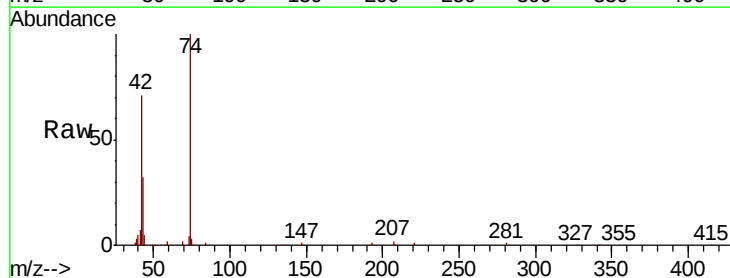
Tgt Ion: 42 Resp: 223715

Ion Ratio Lower Upper

42 100

74 140.4 105.8 158.8

44 6.6 6.2 9.2





#5

2-Fluorophenol

Concen: 107.501 ng

RT: 5.35 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

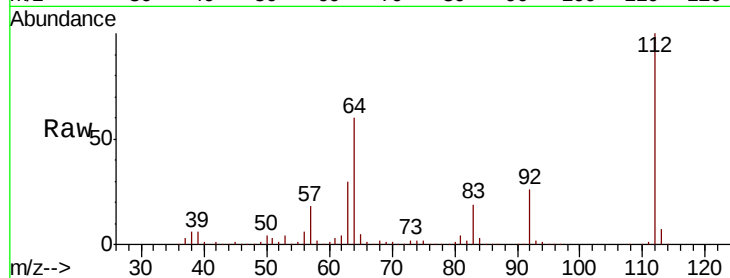
Tot Ion:112 Resp: 1232204

Ion Ratio Lower Upper

112 100

64 59.8 47.6 71.4

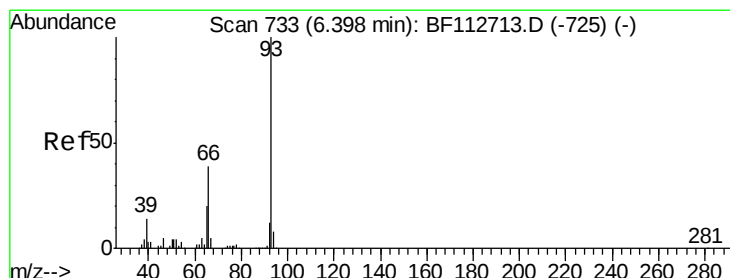
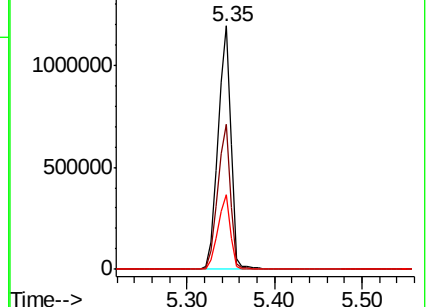
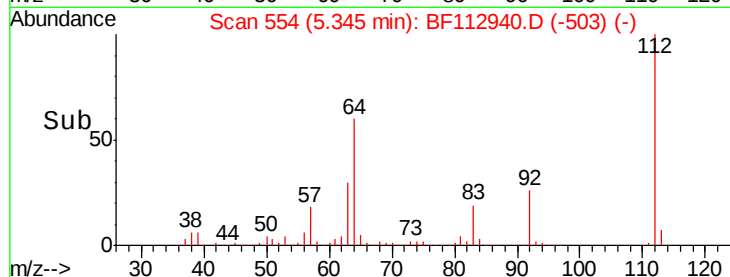
63 30.4 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): BF112713.D (-547) (-)

Ion 64.00 (63.70 to 64.70): BF112713.D (-547) (-)

Ion 63.00 (62.70 to 63.70): BF112713.D (-547) (-)



#6

Aniline

Concen: 28.132 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

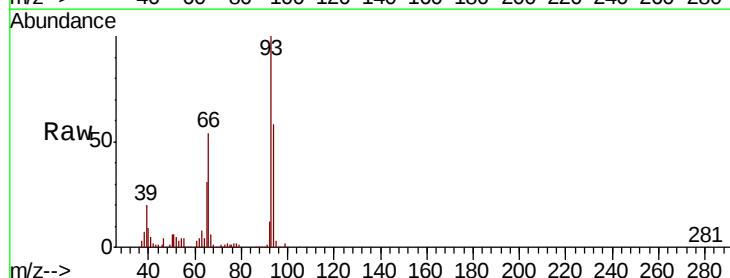
Tgt Ion: 93 Resp: 557557

Ion Ratio Lower Upper

93 100

66 54.2 32.2 48.2#

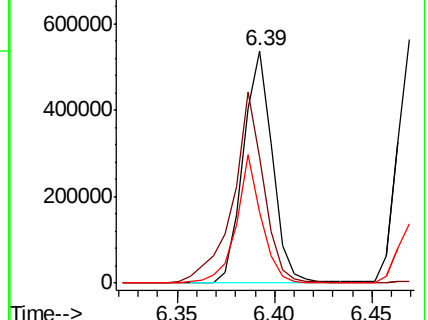
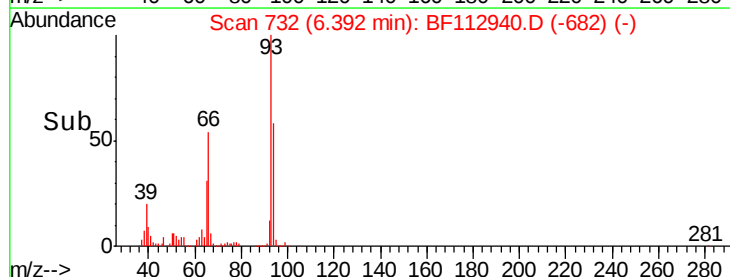
65 30.6 16.2 24.4#

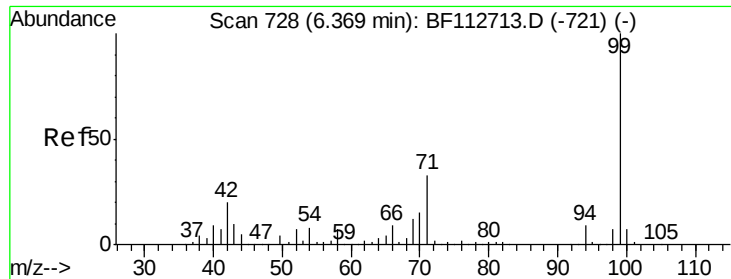


Abundance Ion 93.00 (92.70 to 93.70): BF112713.D (-725) (-)

Ion 66.00 (65.70 to 66.70): BF112713.D (-725) (-)

Ion 65.00 (64.70 to 65.70): BF112713.D (-725) (-)





#7

Phenol-d6

Concen: 110.843 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

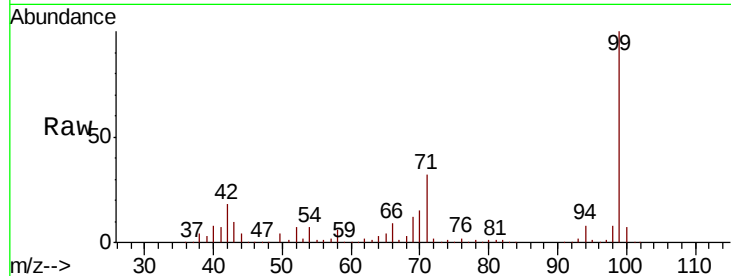
Tot Ion: 99 Resp: 1595969

Ion Ratio Lower Upper

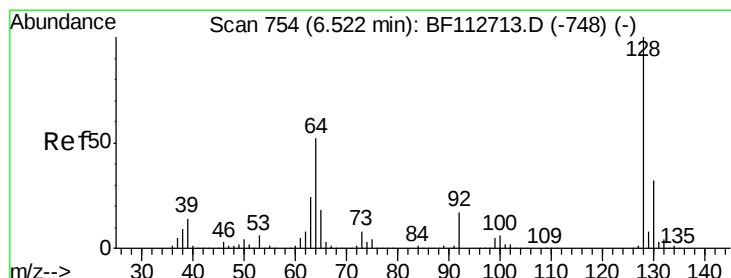
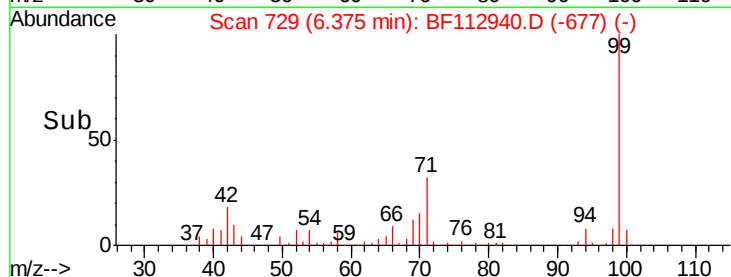
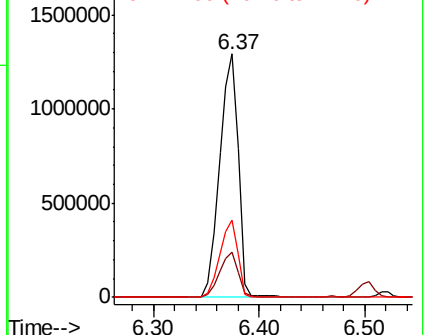
99 100

42 18.3 16.3 24.5

71 31.6 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: 37.385 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

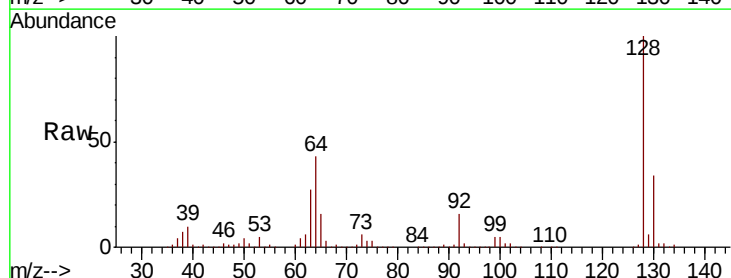
Tgt Ion:128 Resp: 477011

Ion Ratio Lower Upper

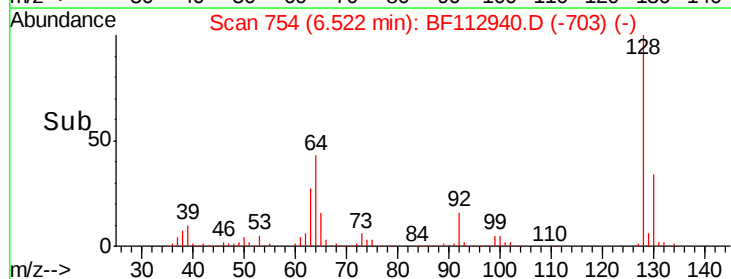
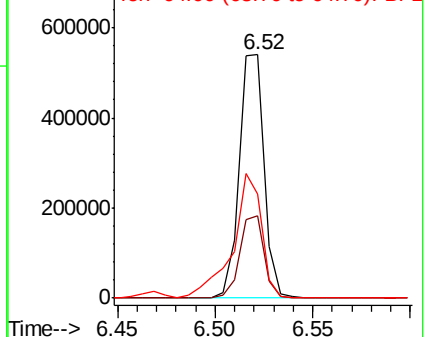
128 100

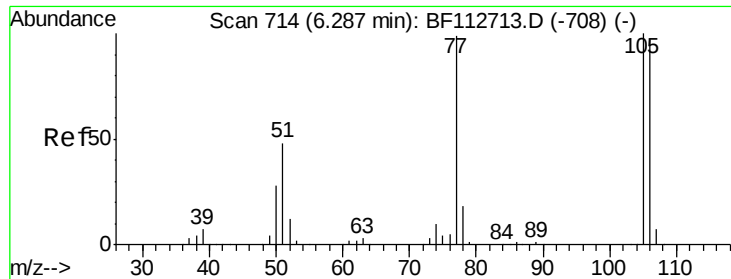
130 34.0 12.4 52.4

64 42.6 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: 25.579 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

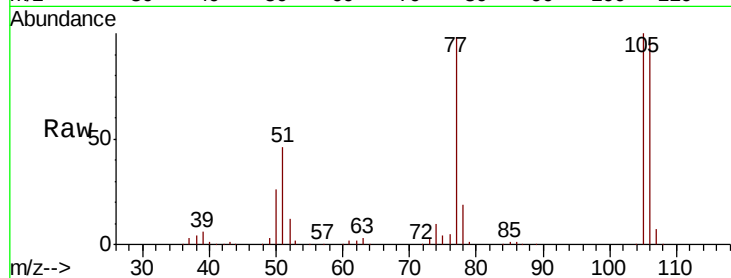
Tot Ion: 77 Resp: 265378

Ion Ratio Lower Upper

77 100

105 102.4 81.4 121.4

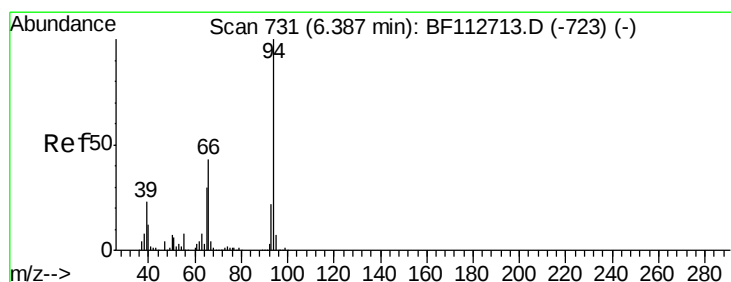
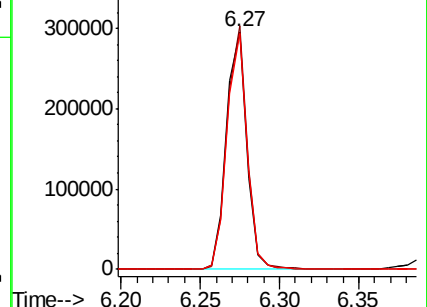
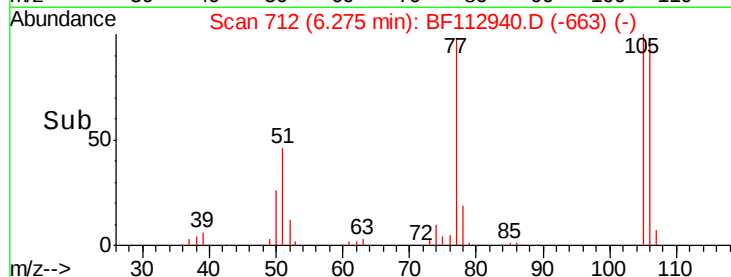
106 99.5 78.3 118.3



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: 35.861 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

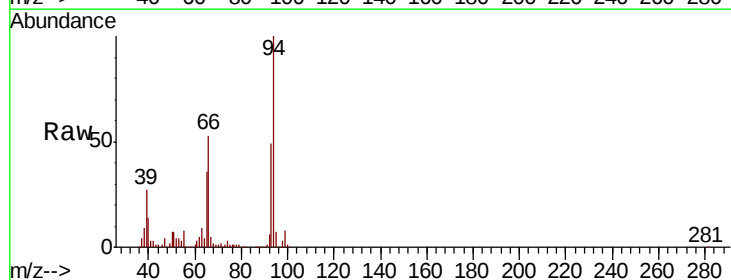
Tgt Ion: 94 Resp: 602542

Ion Ratio Lower Upper

94 100

65 36.0 10.5 50.5

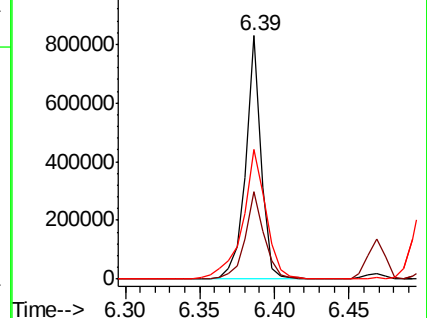
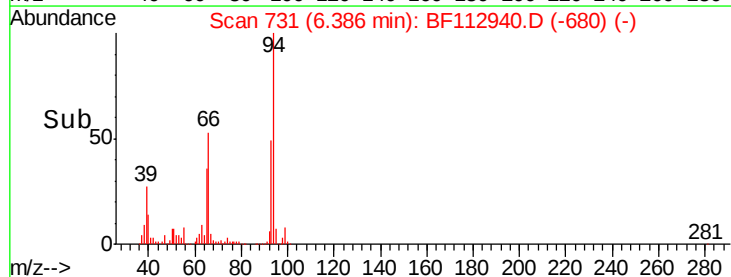
66 53.3 22.6 62.6

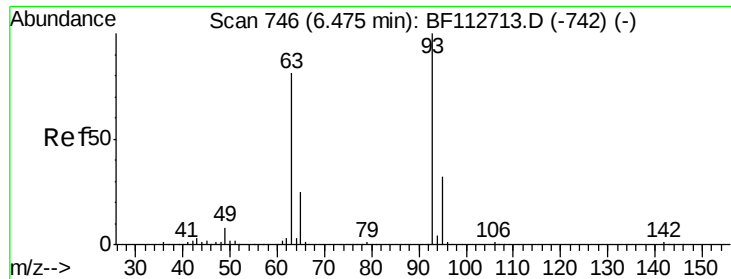


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

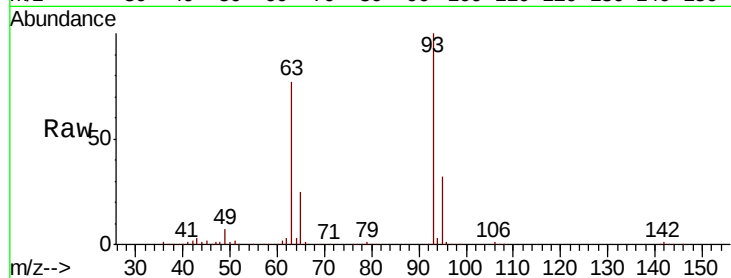




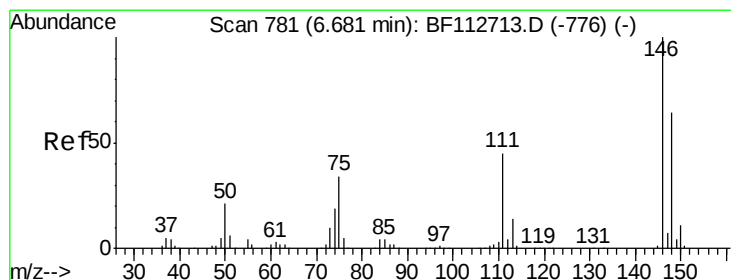
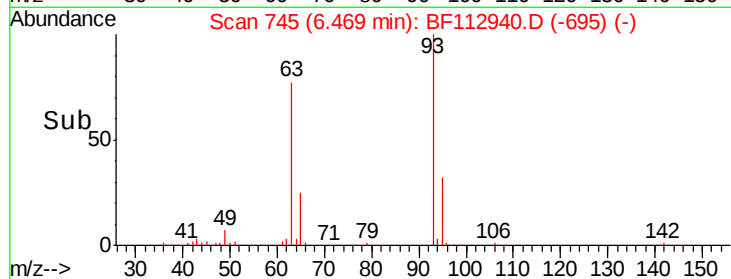
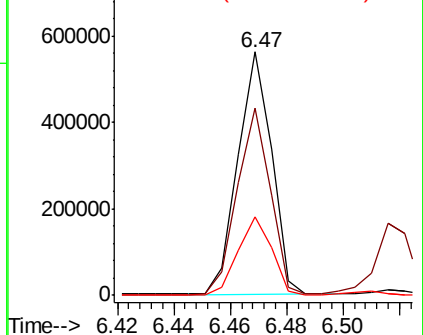
#11
bis(2-Chloroethyl)ether
Concen: 36.120 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 465823
Ion Ratio Lower Upper
93 100
63 76.9 60.5 100.5
95 32.5 12.1 52.1

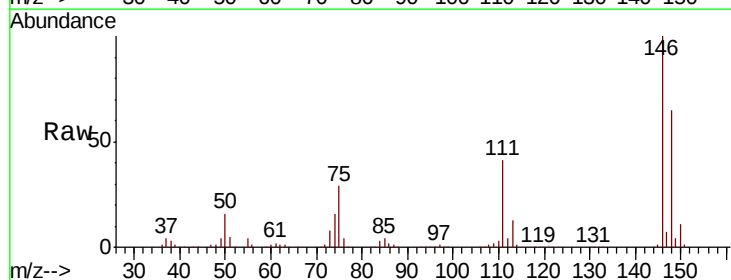


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

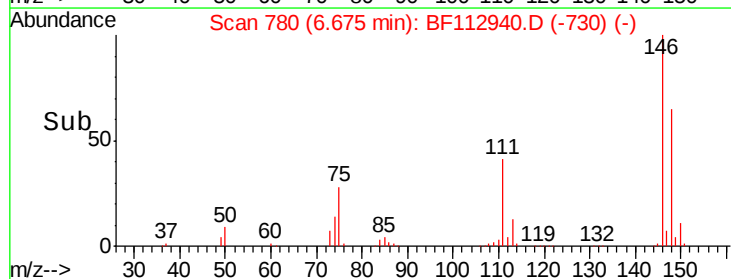
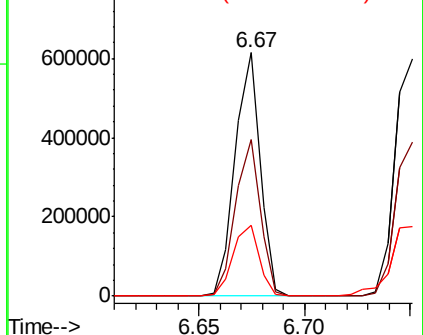


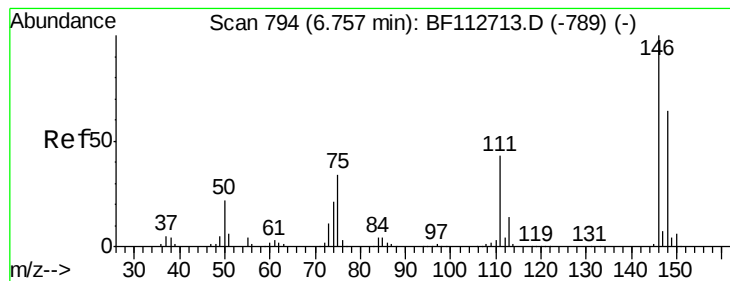
#12
1,3-Dichlorobenzene
Concen: 38.260 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Tgt Ion: 146 Resp: 504298
Ion Ratio Lower Upper
146 100
148 64.5 50.9 76.3
75 29.0 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

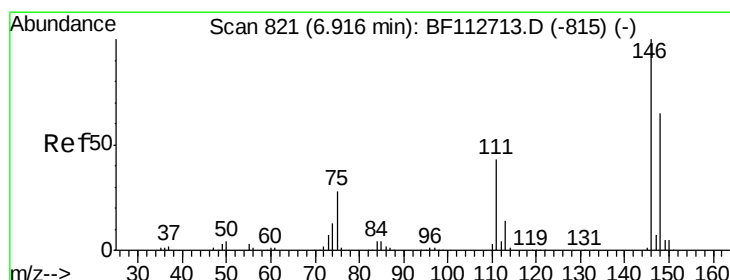
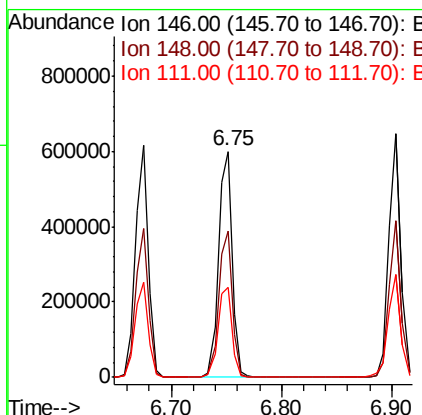
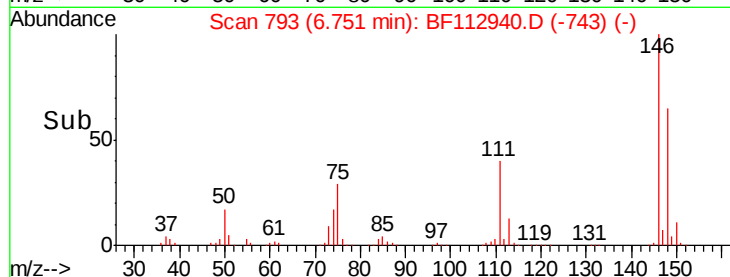
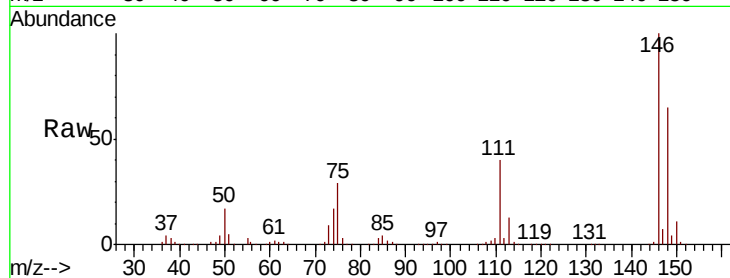




#13
 1,4-Dichlorobenzene
 Concen: 38.858 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

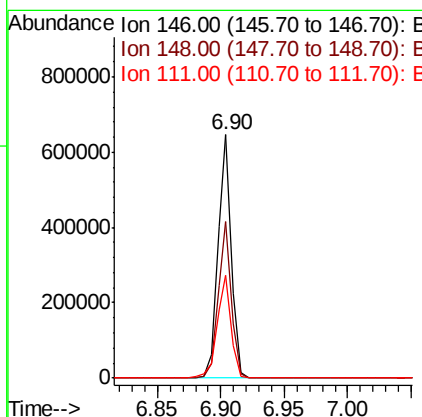
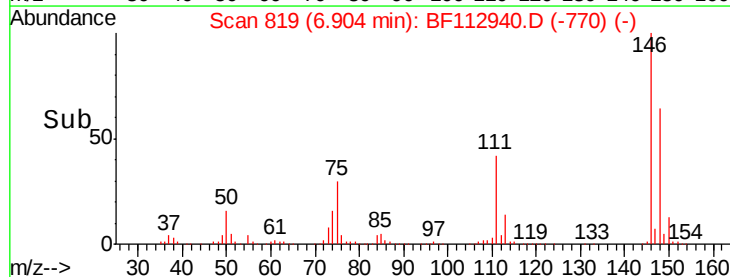
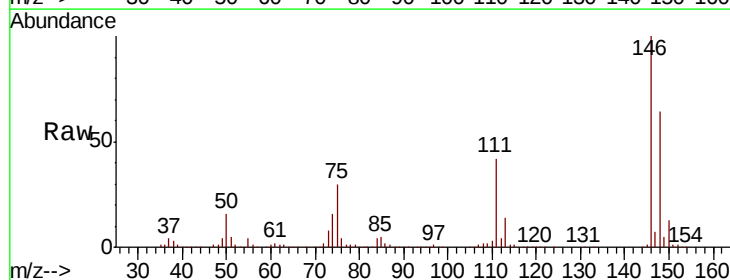
Instrument :
 BNA_F
 ClientSampled :

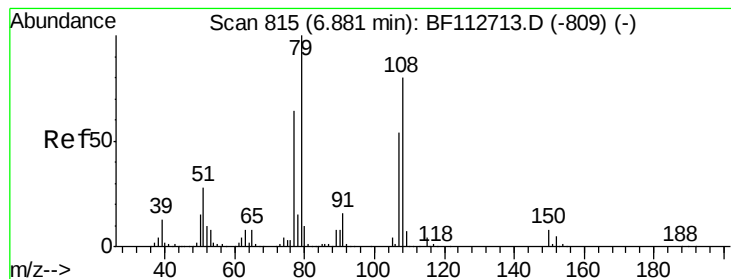
Tot Ion:146 Resp: 513649
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.0 76.4
 111 39.9 34.5 51.7



#14
 1,2-Dichlorobenzene
 Concen: 39.725 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Tgt Ion:146 Resp: 481375
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.0 78.0
 111 42.5 34.8 52.2





#15

Benzyl Alcohol

Concen: 38.223 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

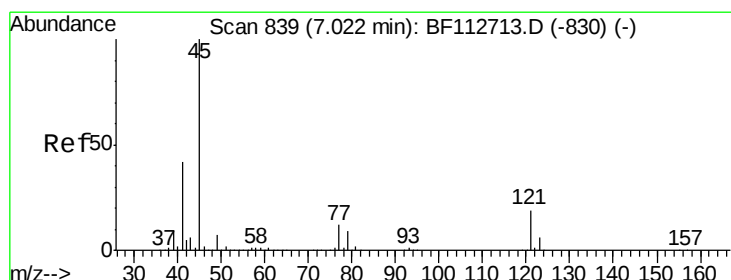
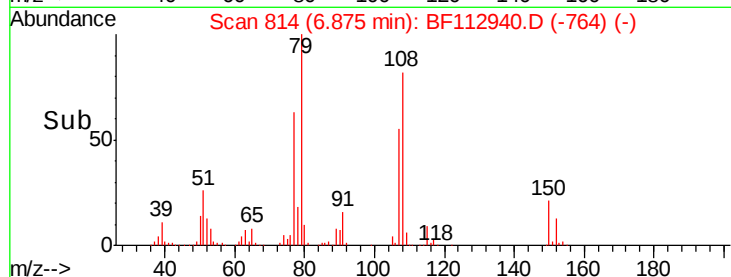
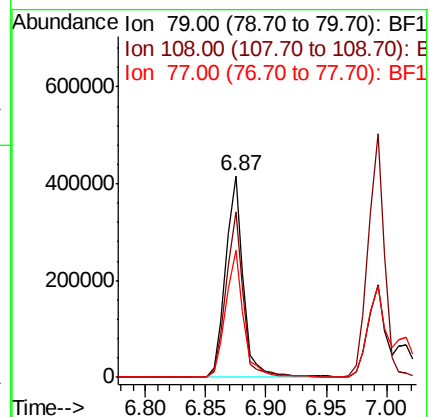
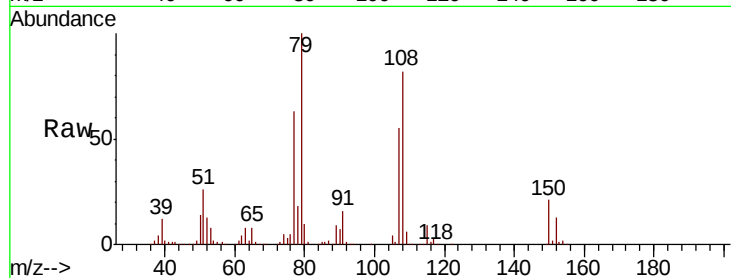
Tot Ion: 79 Resp: 419667

Ion Ratio Lower Upper

79 100

108 81.9 64.2 96.4

77 63.1 51.1 76.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.344 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

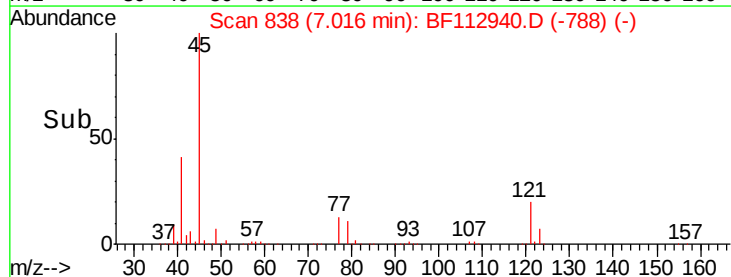
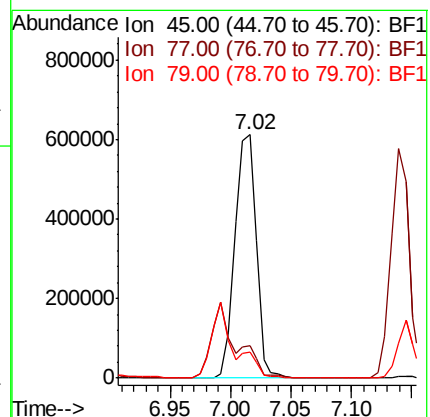
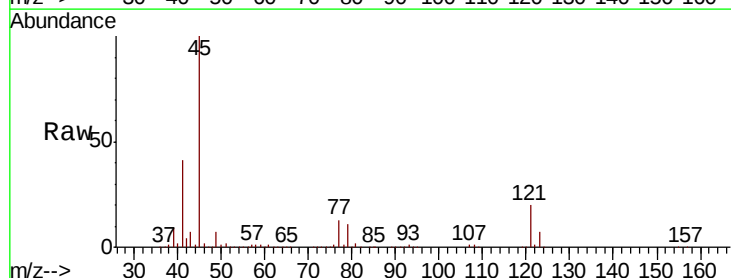
Tgt Ion: 45 Resp: 760662

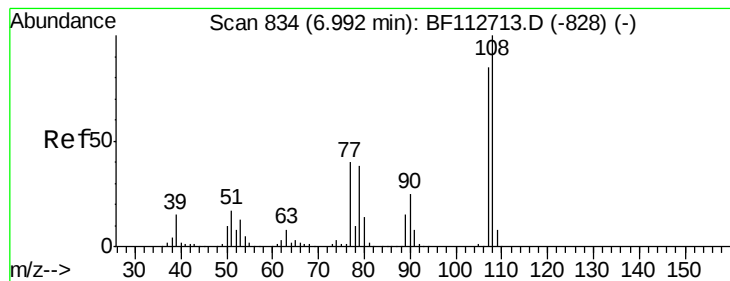
Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.1

79 10.8 0.0 29.4





#17

2-Methylphenol

Concen: 39.300 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 406800

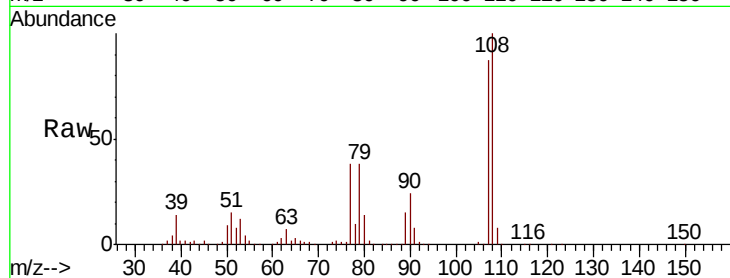
Ion Ratio Lower Upper

107 100

108 114.4 94.6 142.0

77 43.2 37.8 56.8

79 43.3 36.2 54.2

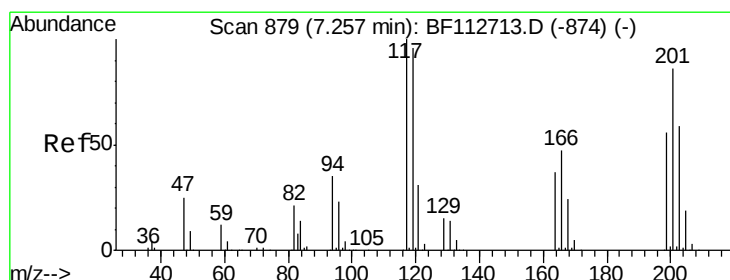
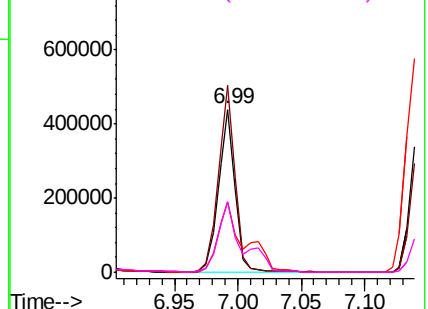
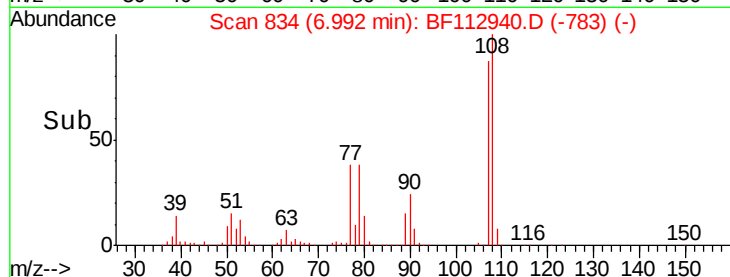


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.715 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

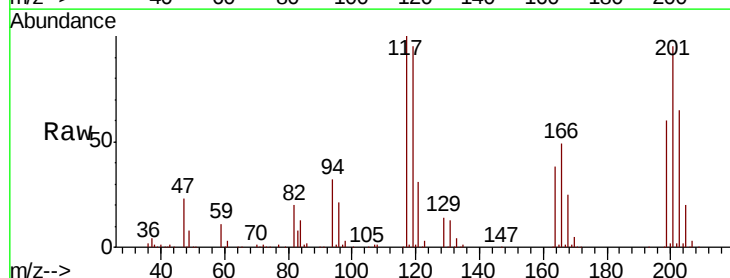
Tgt Ion:117 Resp: 185906

Ion Ratio Lower Upper

117 100

119 95.3 76.6 115.0

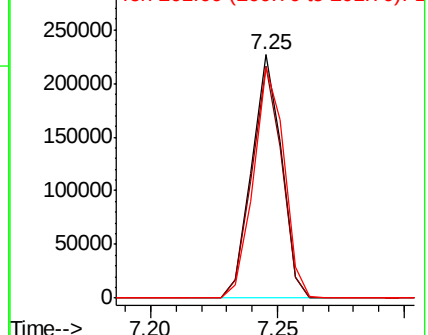
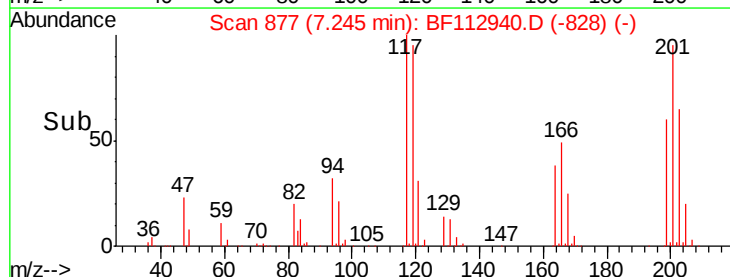
201 95.0 68.9 103.3

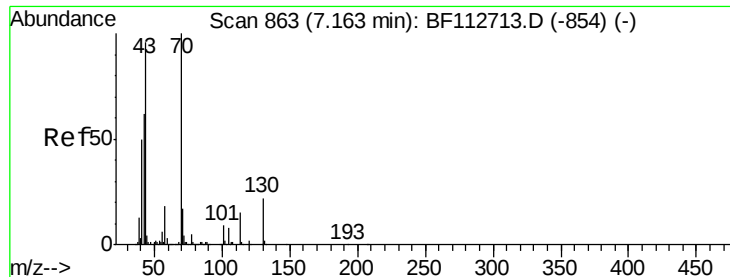


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

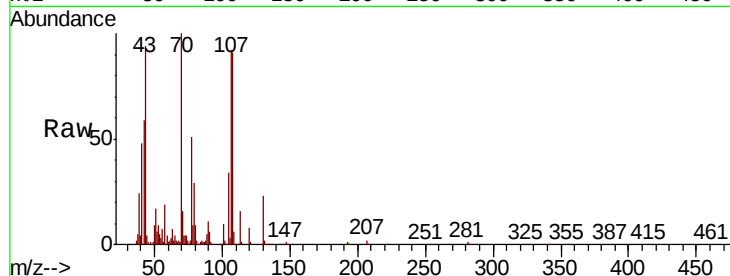




#19
n-Nitroso-di-n-propylamine
Concen: 35.406 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.1	49.9	74.9
101	9.9	7.4	11.2
130	23.2	17.4	26.2



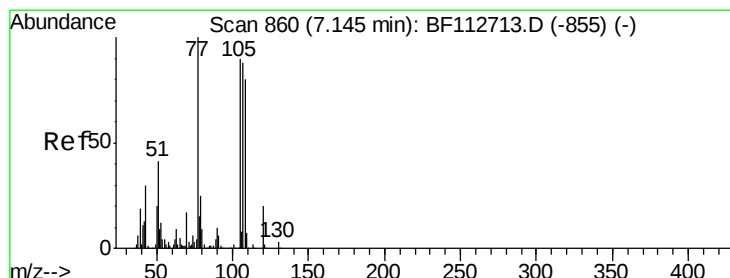
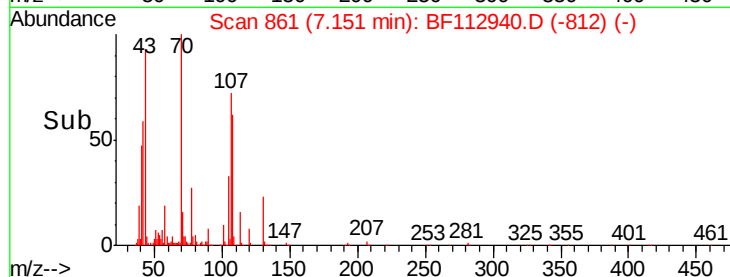
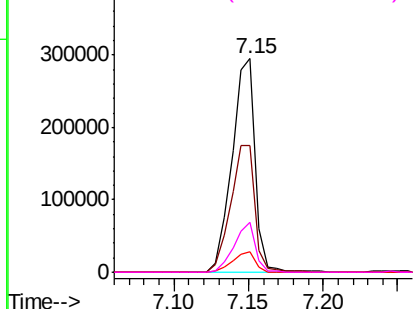
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 39.819 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.6	71.4	111.4
77	103.1	94.1	134.1
79	30.4	8.6	48.6

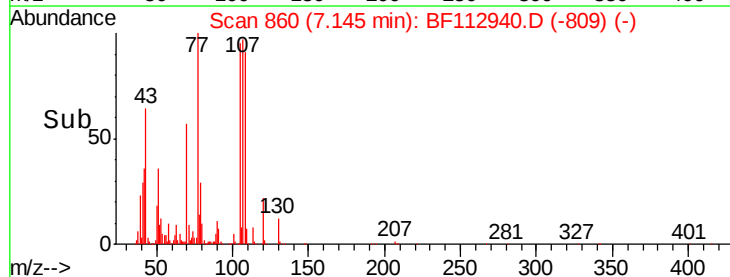
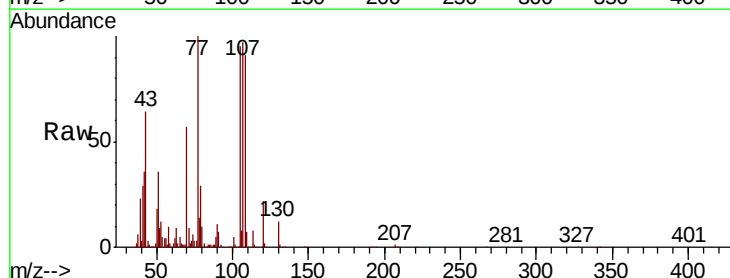
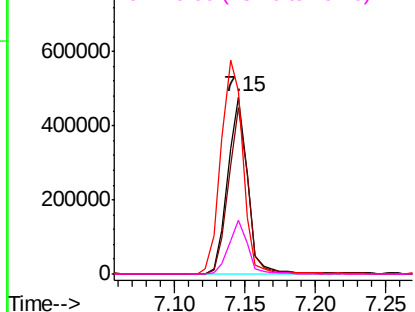
Abundance

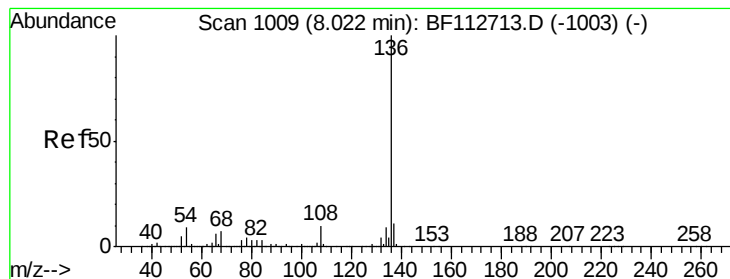
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF112940.D

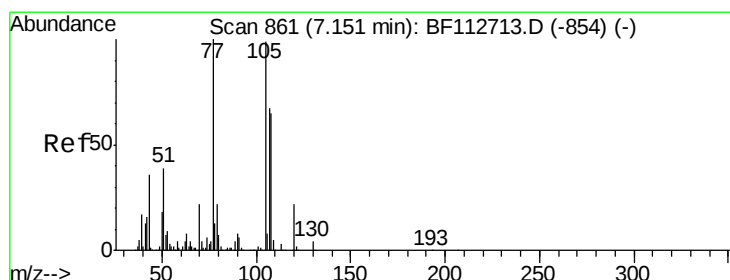
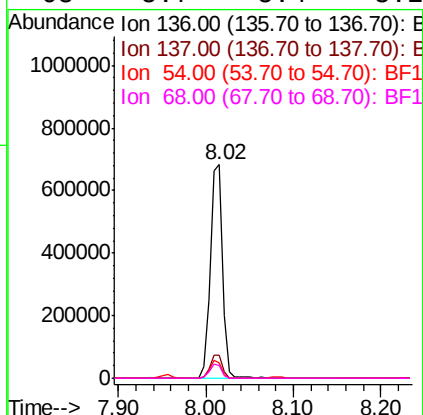
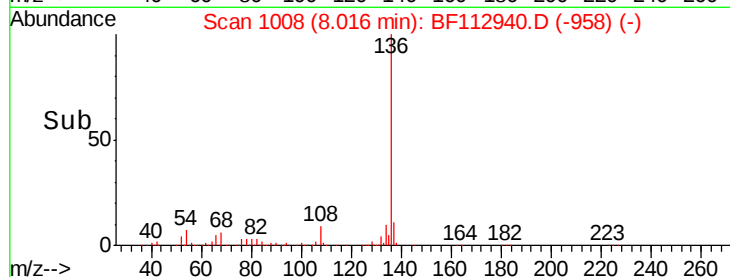
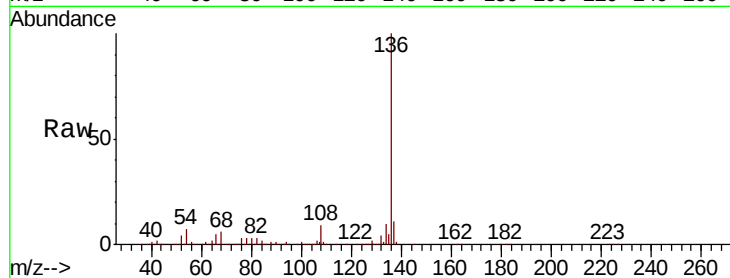
Acq: 8 Mar 2019 13:23

Instrument :

BNA_F

ClientSampled :

Tot Ion:136	Resp:	663397
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	7.2	7.3 10.9#
68	5.7	5.4 8.2



#22

Acetophenone

Concen: 41.043 ng

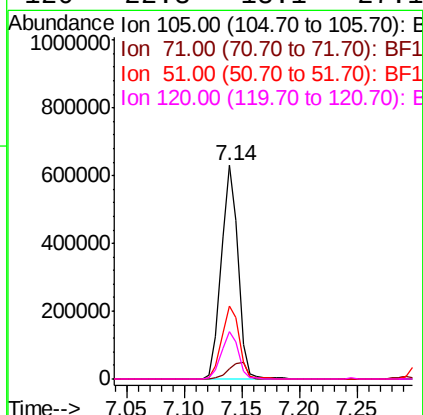
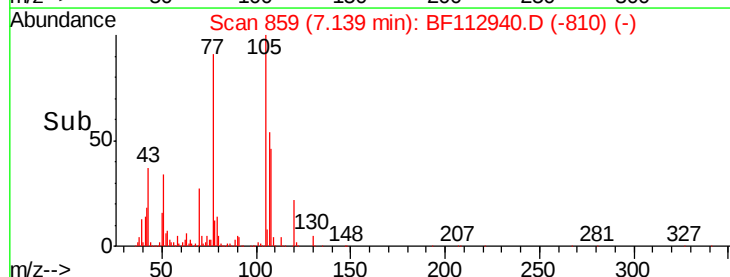
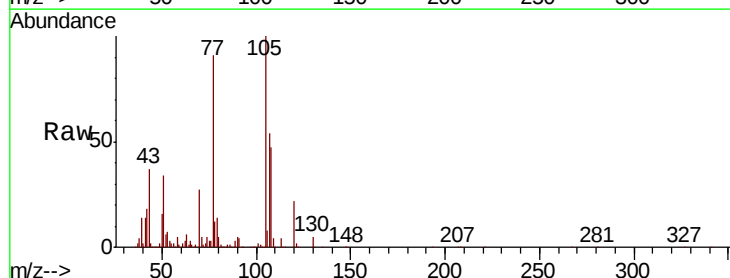
RT: 7.14 min Scan# 859

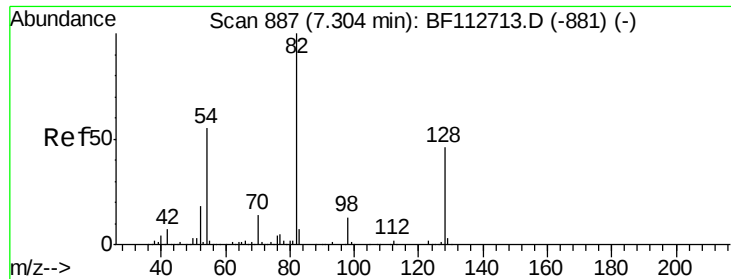
Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

Tgt Ion:105	Resp:	636657
Ion Ratio	Lower	Upper
105	100	
71	4.6	3.0 4.4#
51	34.3	31.5 47.3
120	22.3	18.1 27.1

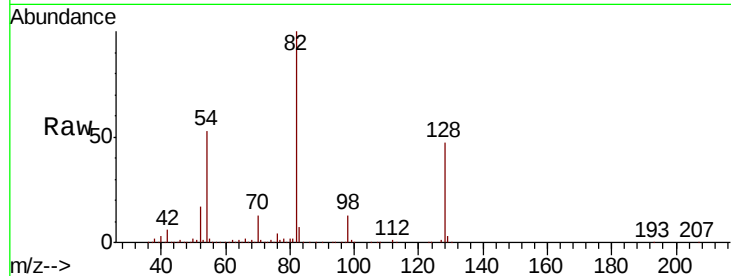




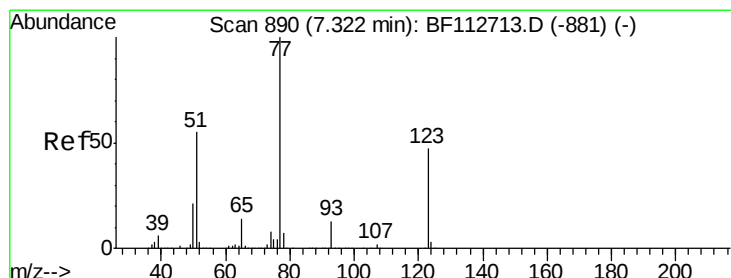
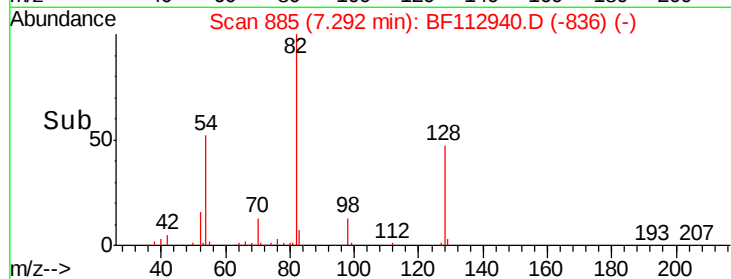
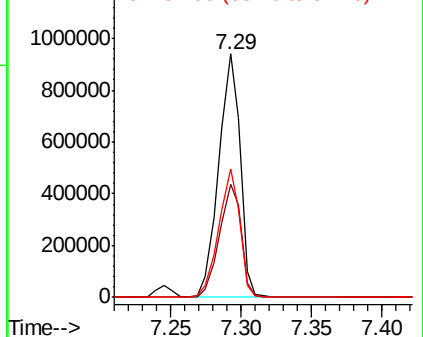
#23
 Nitrobenzene-d5
 Concen: 89.618 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 993559
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.3 54.5
 54 52.5 43.7 65.5

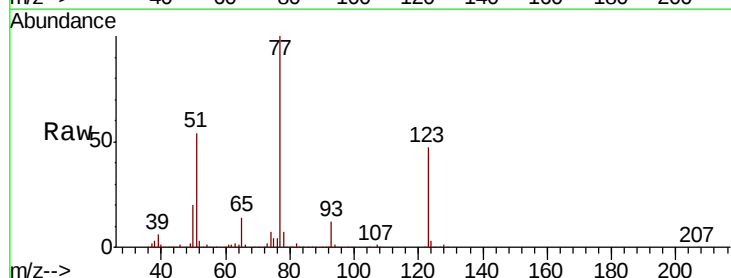


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

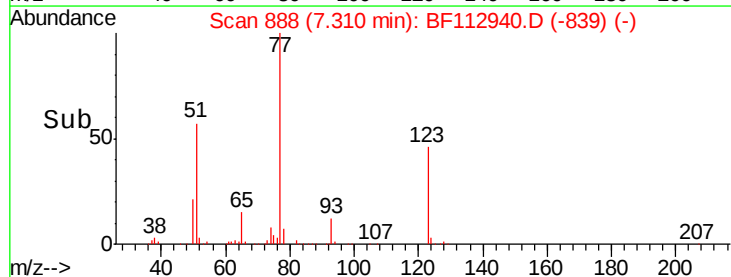
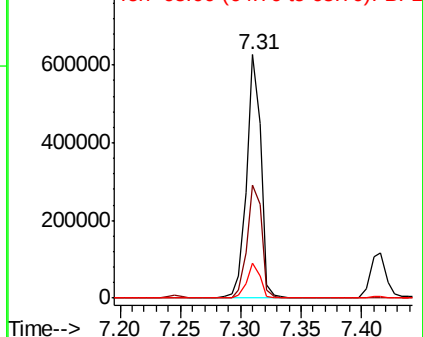


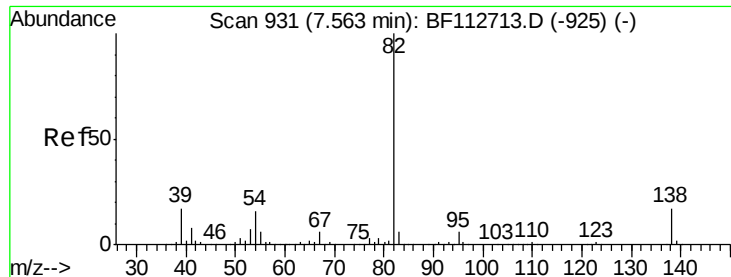
#24
 Nitrobenzene
 Concen: 42.174 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Tgt Ion: 77 Resp: 520396
 Ion Ratio Lower Upper
 77 100
 123 46.6 37.8 56.6
 65 14.2 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.264 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

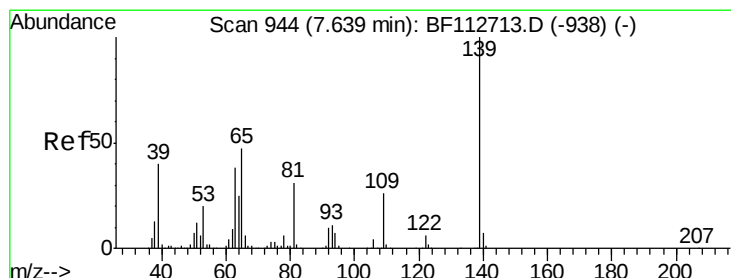
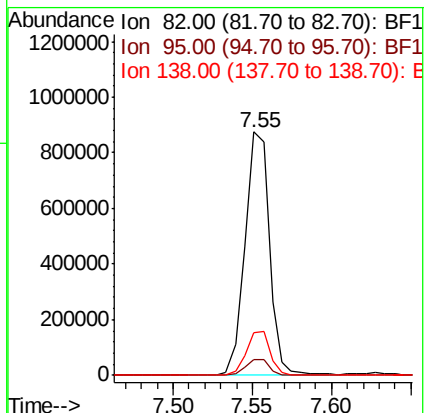
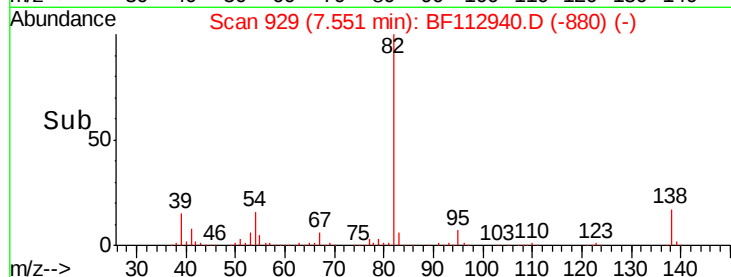
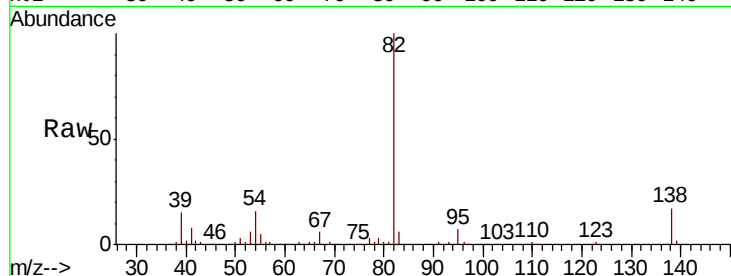
Tot Ion: 82 Resp: 937800

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.4 13.8 20.8



#26

2-Nitrophenol

Concen: 51.263 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

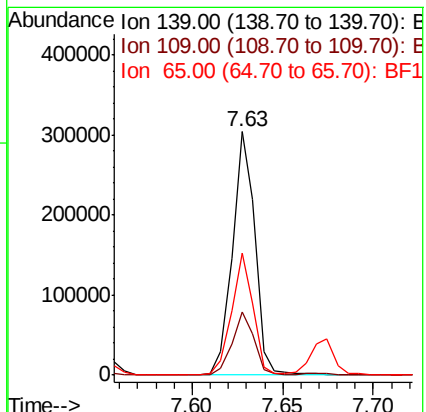
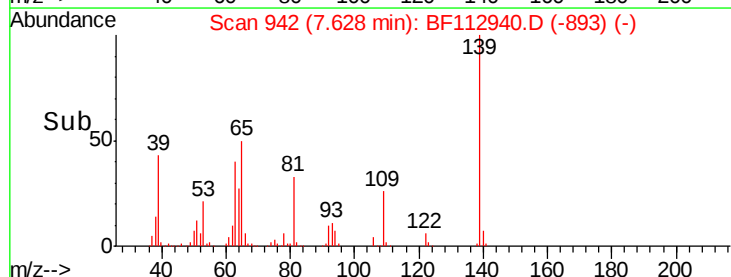
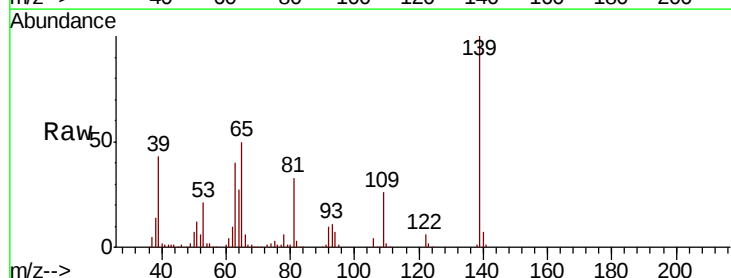
Tgt Ion: 139 Resp: 263317

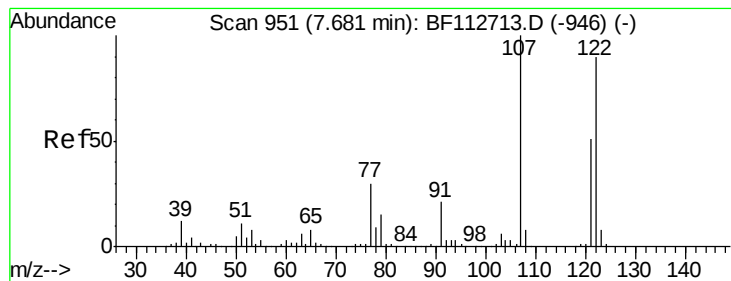
Ion Ratio Lower Upper

139 100

109 26.0 20.6 31.0

65 50.0 37.9 56.9

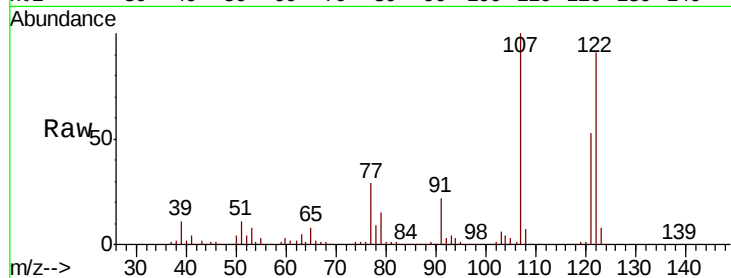




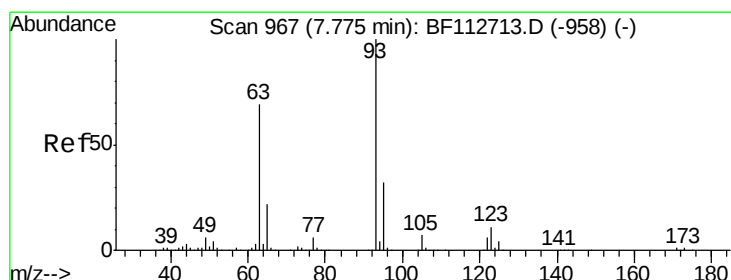
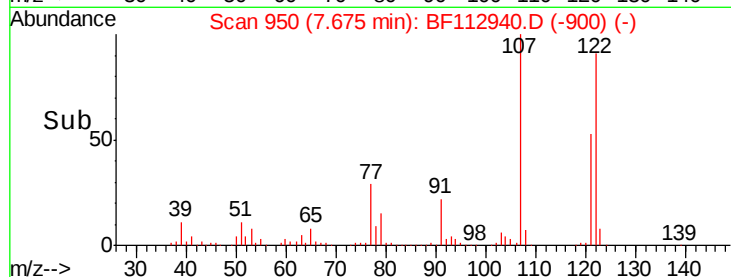
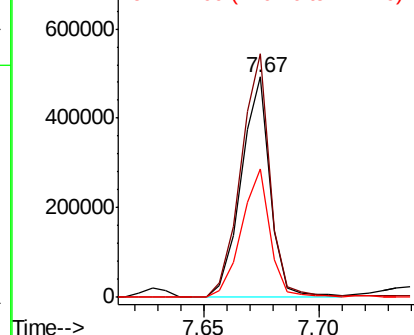
#27
 2,4-Dimethylphenol
 Concen: 45.226 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 432186
 Ion Ratio Lower Upper
 122 100
 107 110.4 89.4 134.0
 121 58.1 45.5 68.3

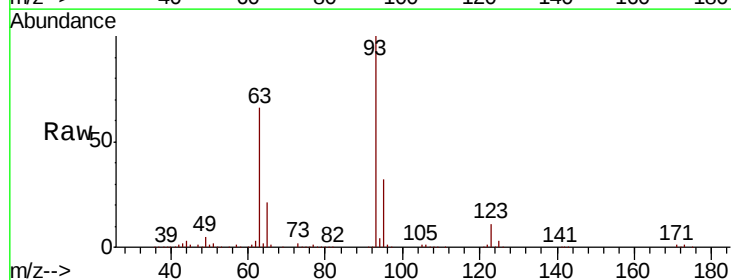


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

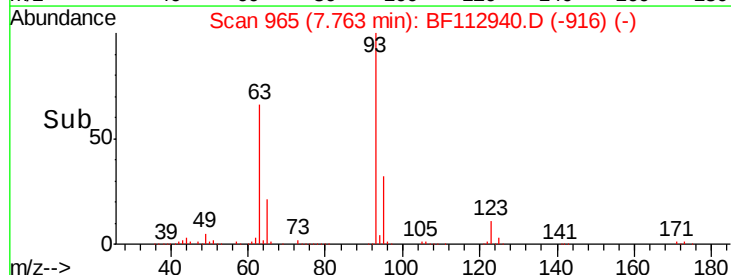
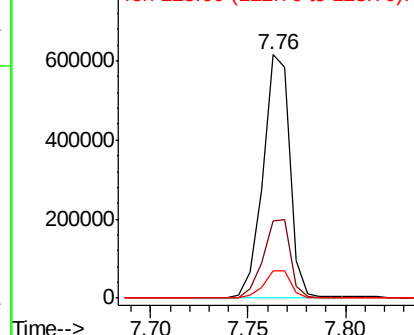


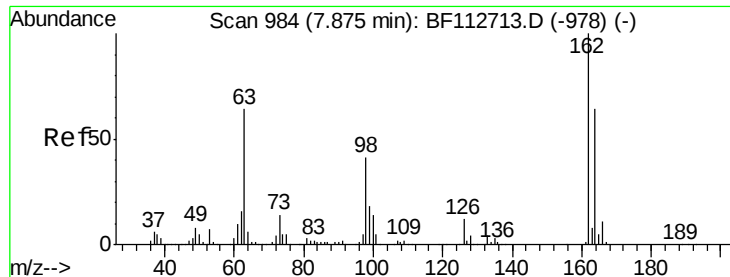
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.417 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Tgt Ion: 93 Resp: 588606
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.0 39.0
 123 11.1 9.3 13.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

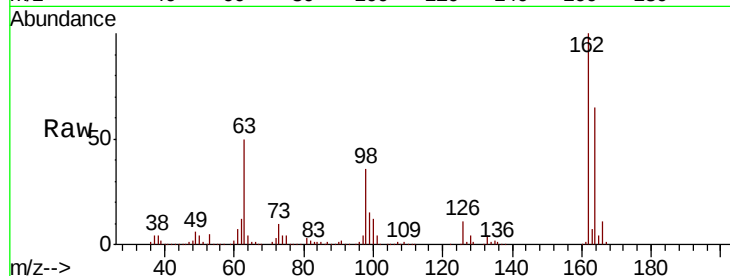




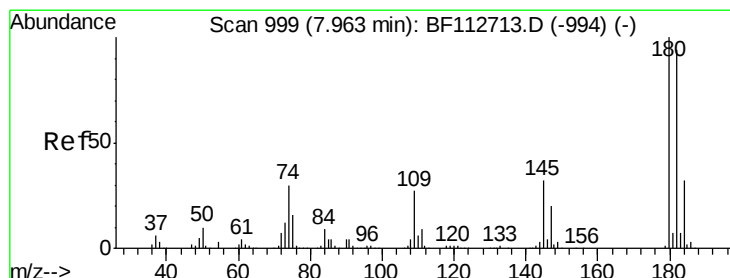
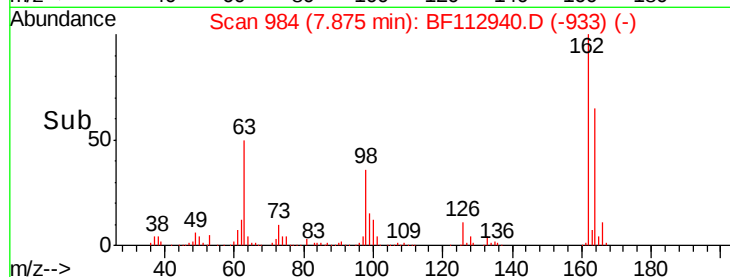
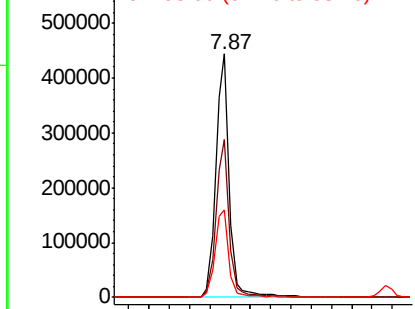
#29
2,4-Dichlorophenol
Concen: 44.285 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.0	84.0
98	35.7	20.7	60.7

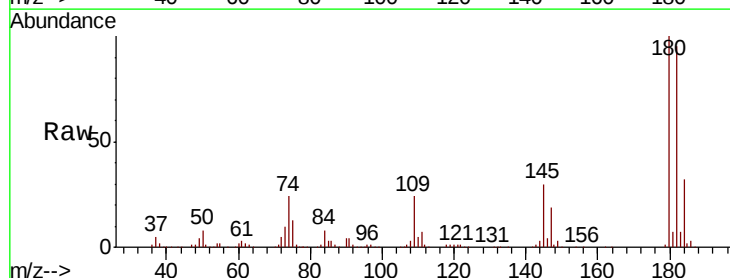


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

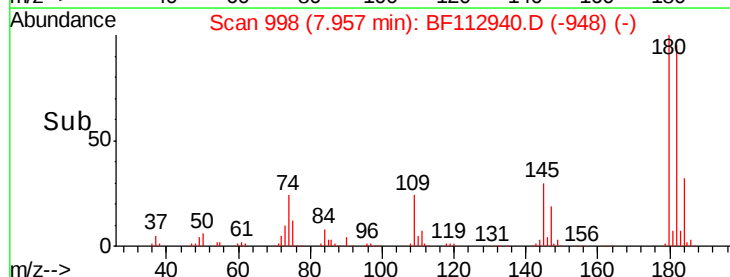
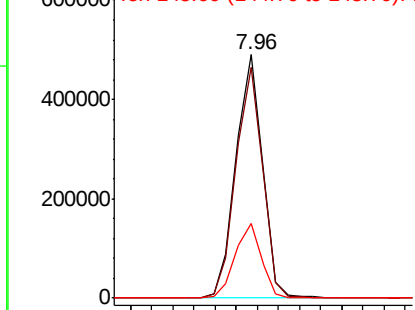


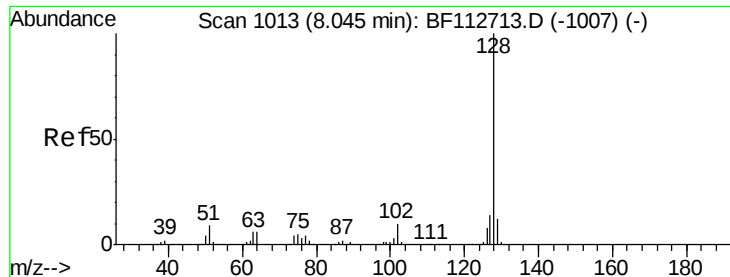
#30
1,2,4-Trichlorobenzene
Concen: 42.873 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	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

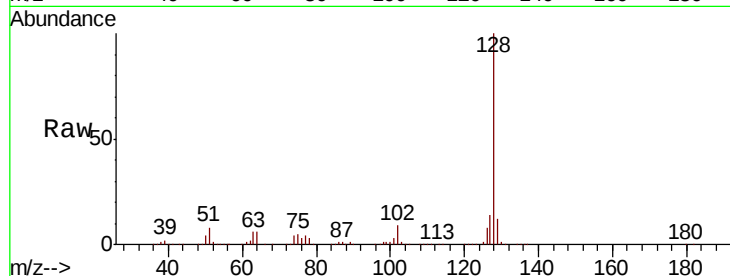




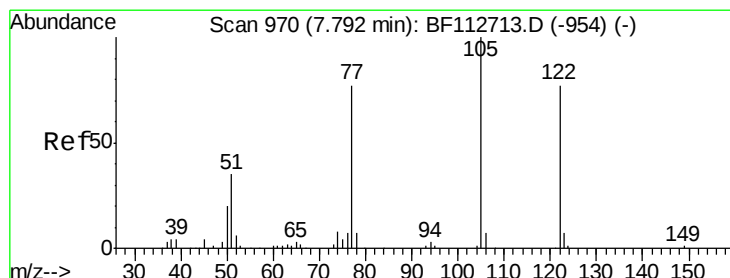
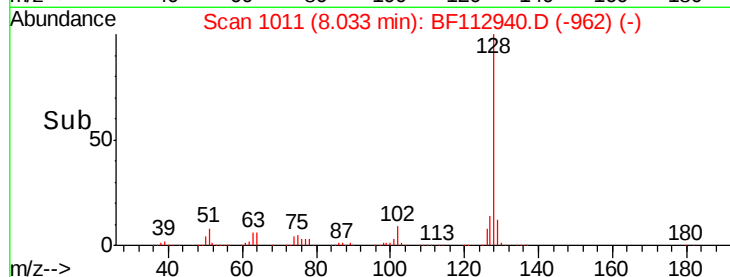
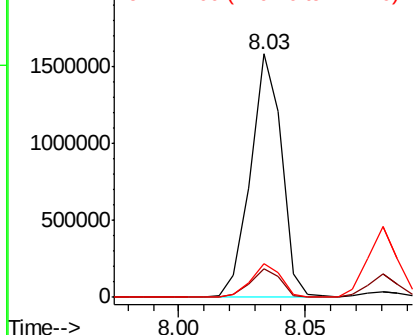
#31
Naphthalene
Concen: 41.098 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1353597
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.6 10.9 16.3

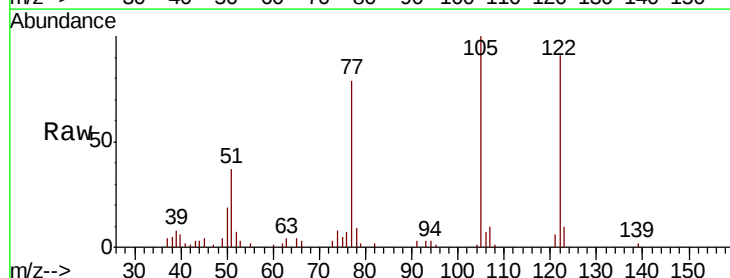


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

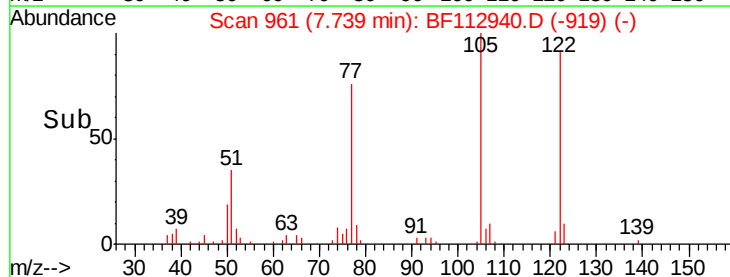
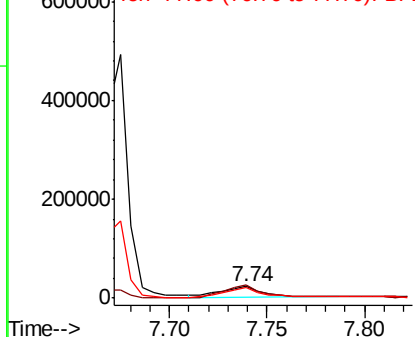


#32
Benzoic acid
Concen: 4.768 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.05 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Tgt Ion:122 Resp: 31932
Ion Ratio Lower Upper
122 100
105 109.6 106.8 146.8
77 86.7 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

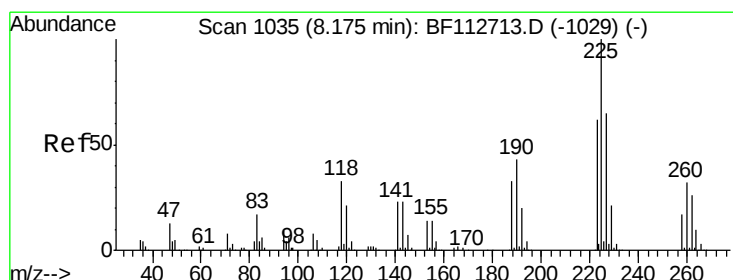
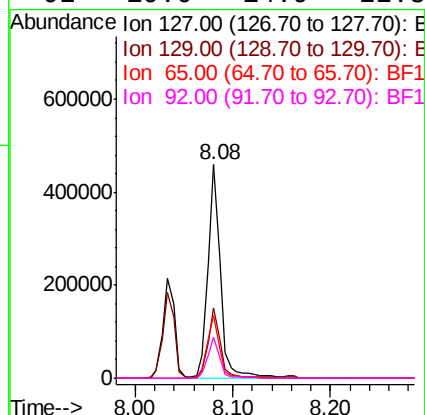
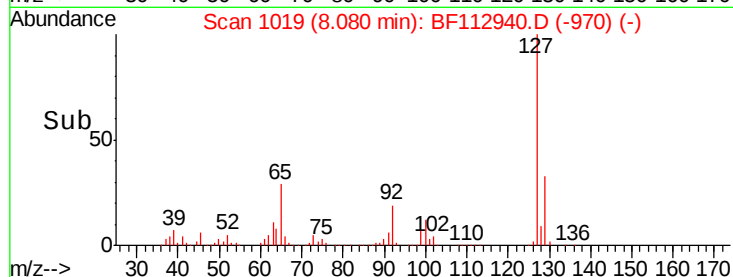
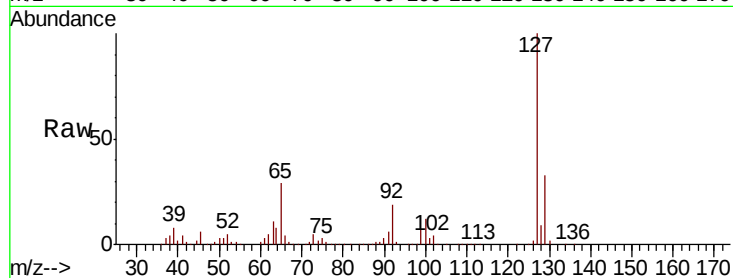




#33
4-Chloroaniline
Concen: 29.530 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

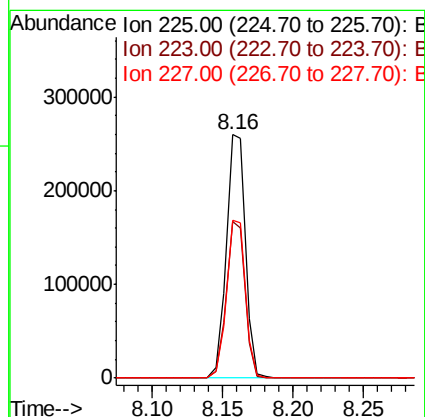
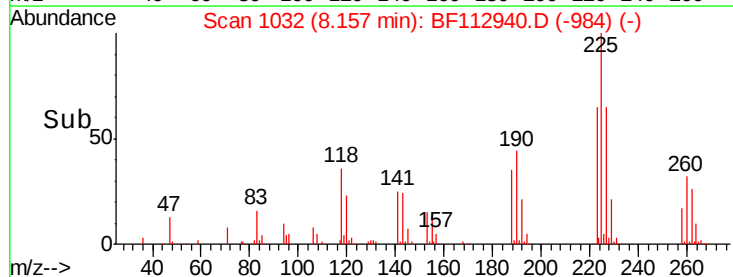
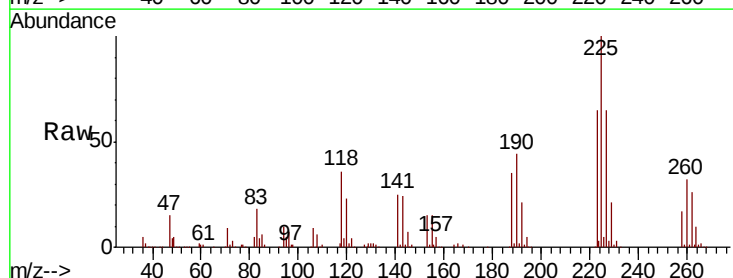
Instrument :
BNA_F
ClientSampleId :

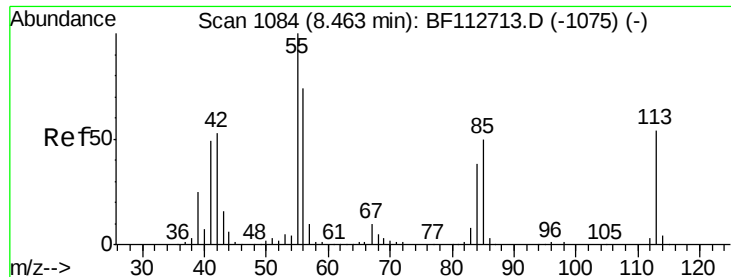
Tot Ion:127 Resp: 411945
Ion Ratio Lower Upper
127 100
129 32.7 26.4 39.6
65 29.4 23.1 34.7
92 19.0 14.9 22.3



#34
Hexachlorobutadiene
Concen: 43.455 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Tgt Ion:225 Resp: 244024
Ion Ratio Lower Upper
225 100
223 64.6 49.7 74.5
227 65.1 52.1 78.1

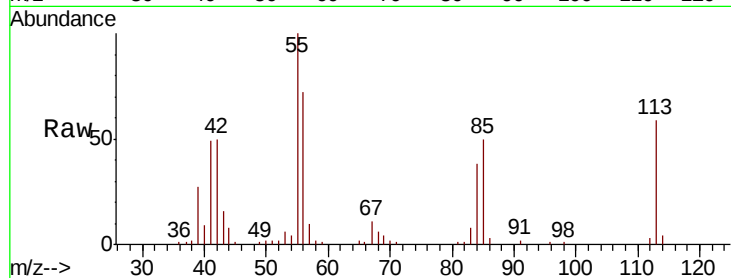




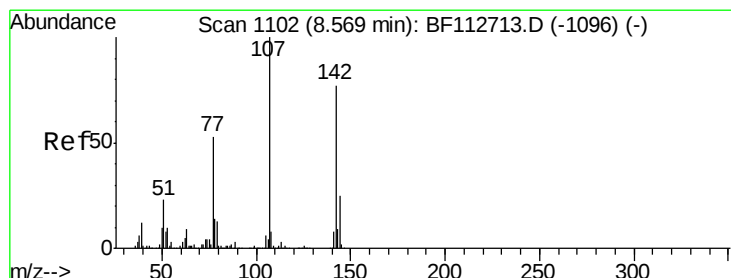
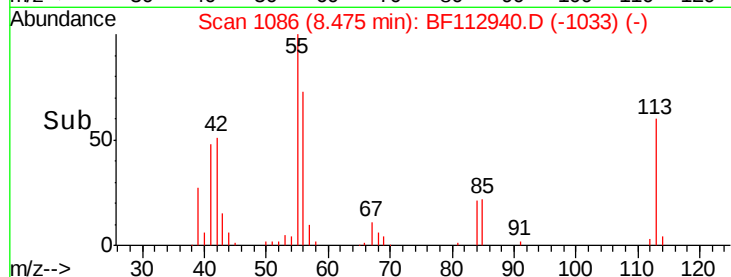
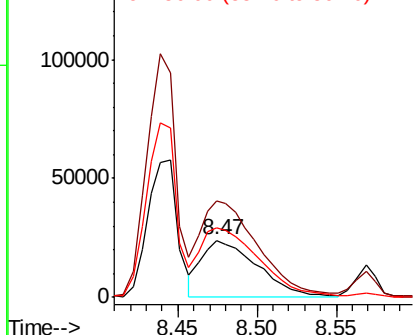
#35
Caprolactam
Concen: 17.790 ng
RT: 8.47 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 58065
Ion Ratio Lower Upper
113 100
55 168.2 163.5 203.5
56 120.9 115.3 155.3

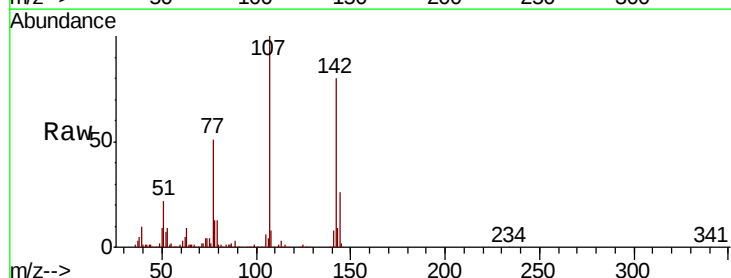


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

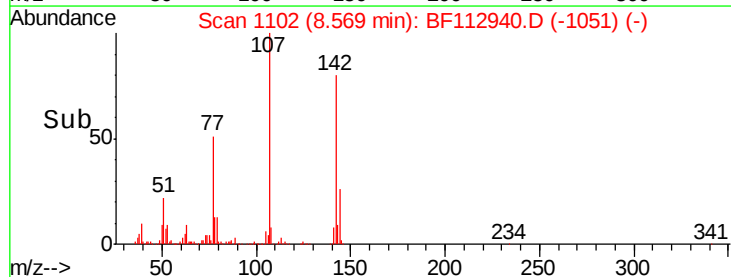
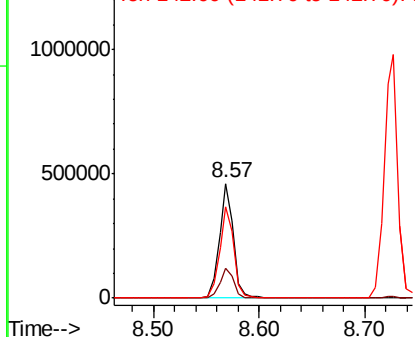


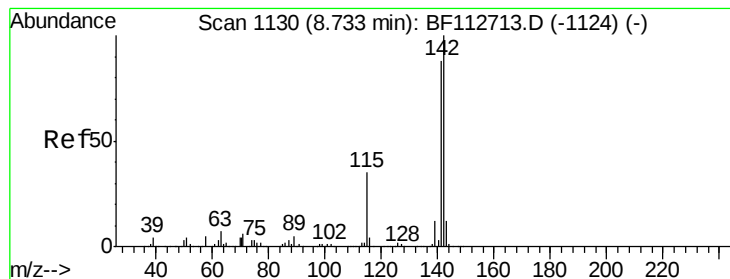
#36
4-Chloro-3-methylphenol
Concen: 42.169 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Tgt Ion:107 Resp: 432479
Ion Ratio Lower Upper
107 100
144 26.1 20.1 30.1
142 79.6 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: 42.793 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

Instrument :

BNA_F

ClientSampled :

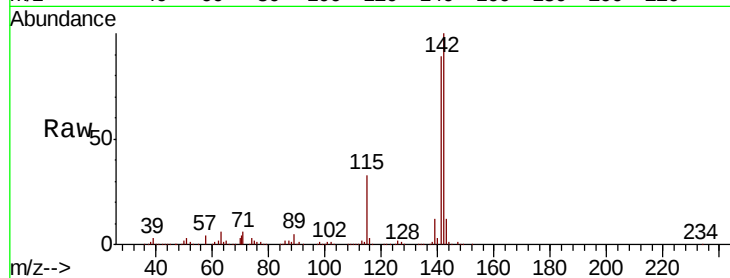
Tot Ion:142 Resp: 910195

Ion Ratio Lower Upper

142 100

141 89.0 70.3 105.5

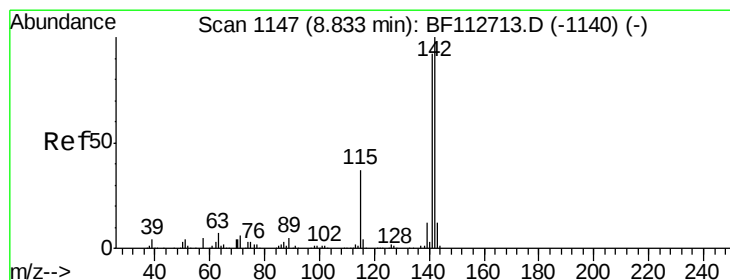
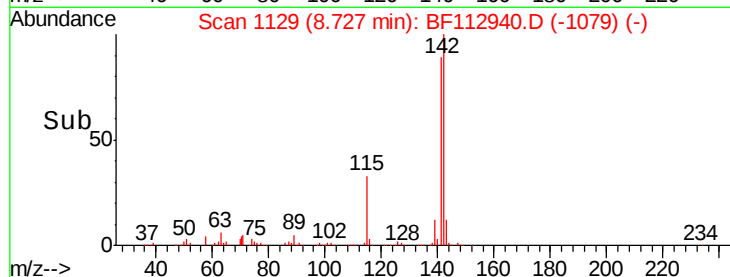
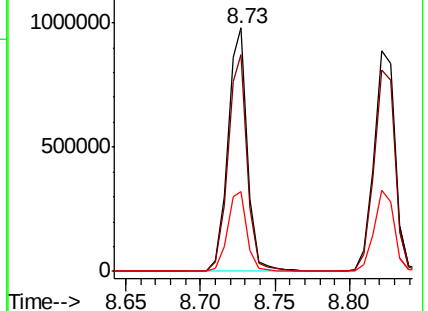
115 32.9 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.623 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

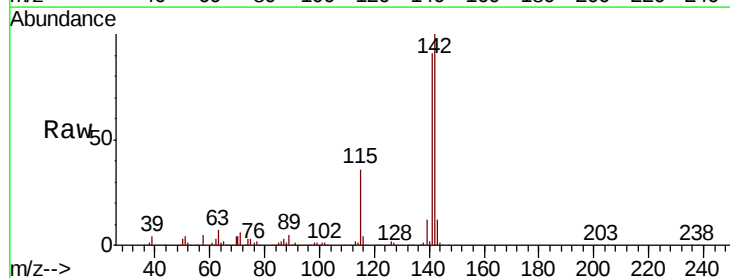
Tgt Ion:142 Resp: 857594

Ion Ratio Lower Upper

142 100

141 91.2 73.7 110.5

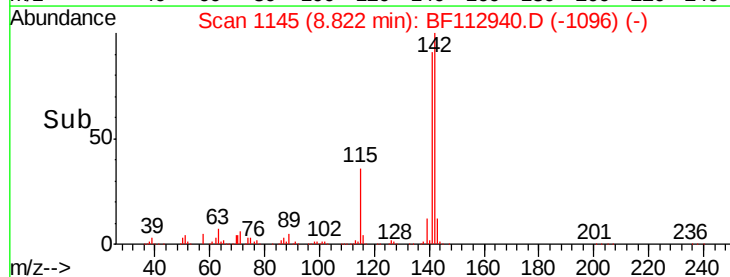
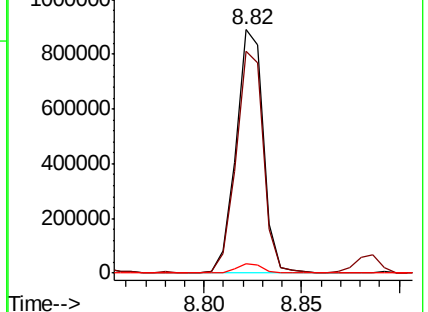
116 3.7 3.1 4.7

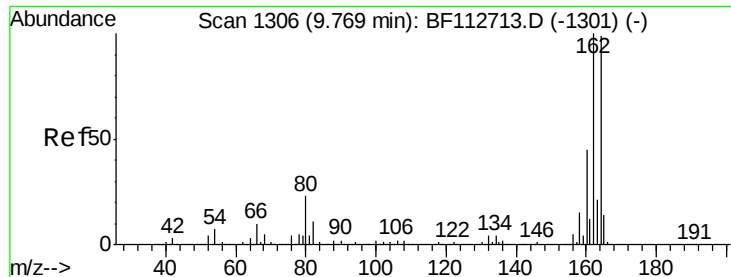


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

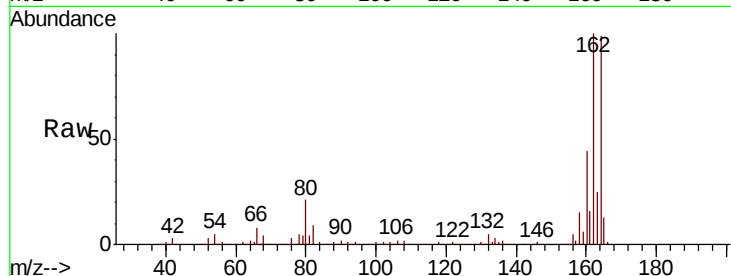




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	120.8
160	44.8	36.0	54.0

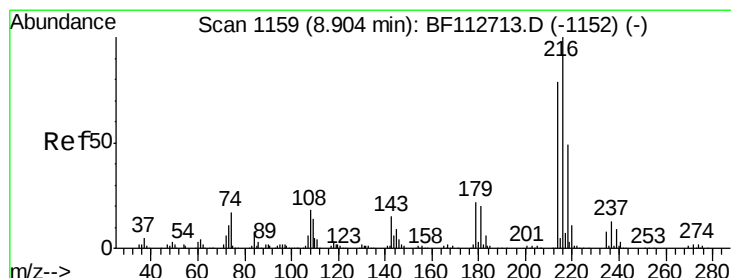
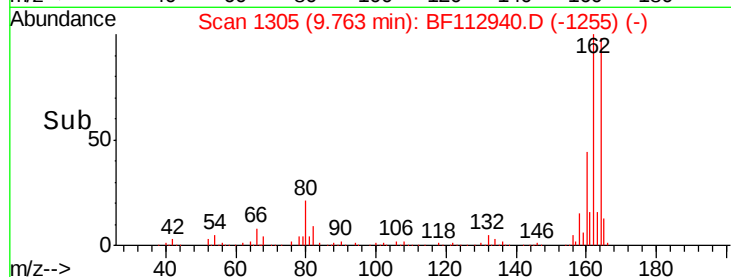
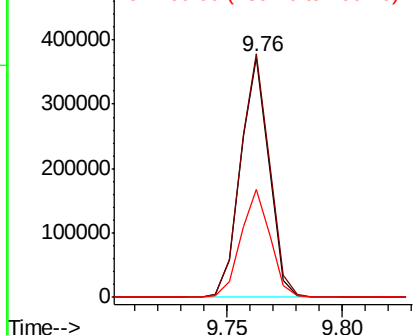


Abundance

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: 42.329 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.2	94.8
179	20.8	17.5	26.3
108	20.6	16.7	25.1

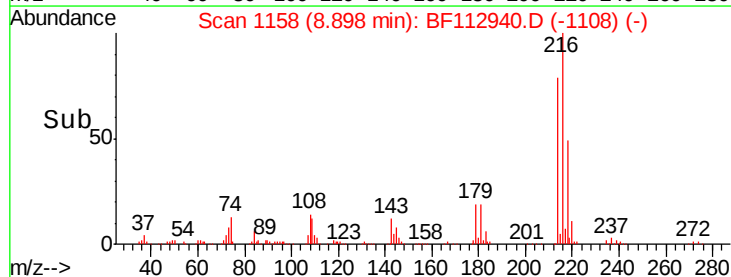
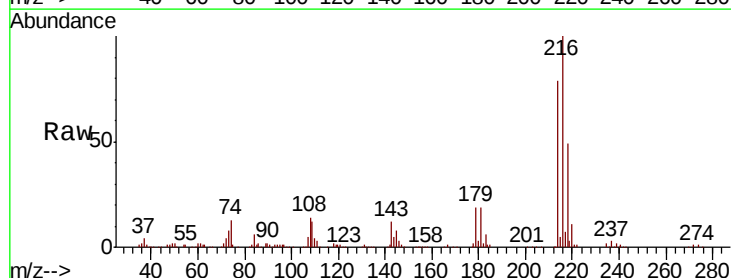
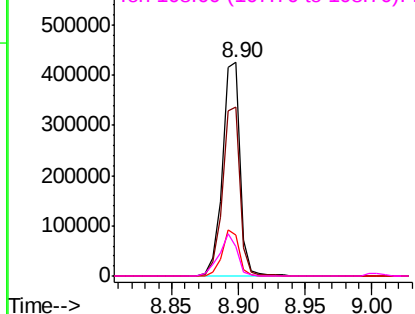
Abundance

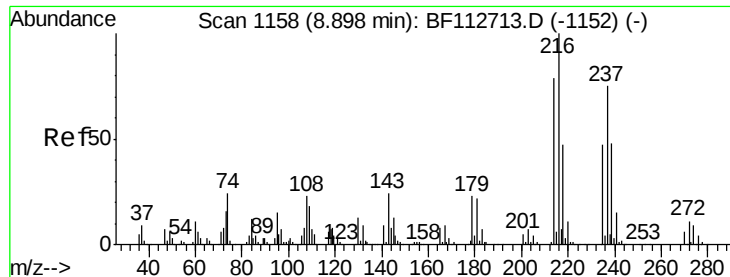
Ion 216.00 (215.70 to 216.70): E

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: 95.492 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

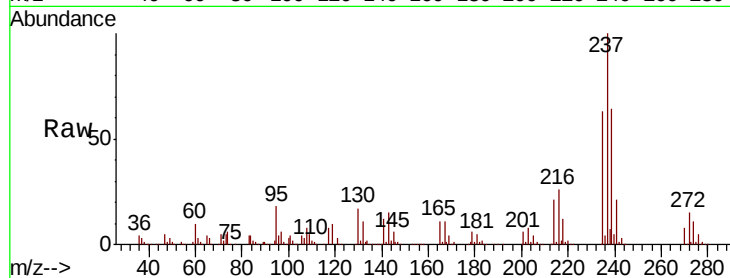
Tot Ion:237 Resp: 489539

Ion Ratio Lower Upper

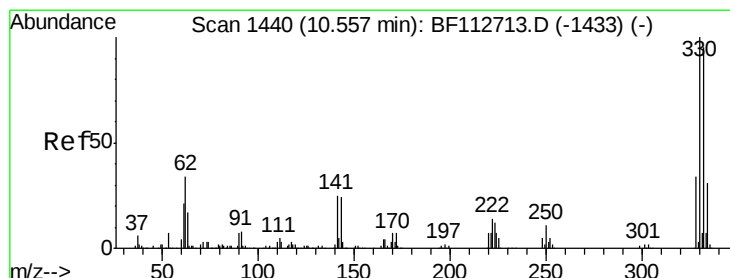
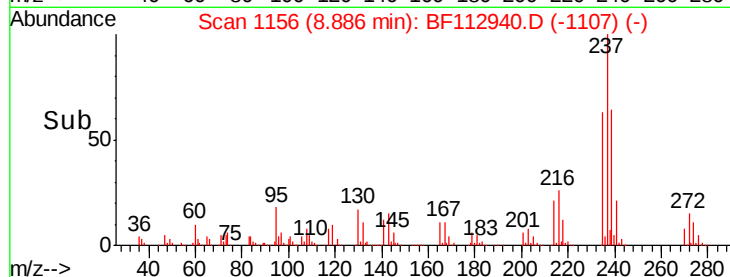
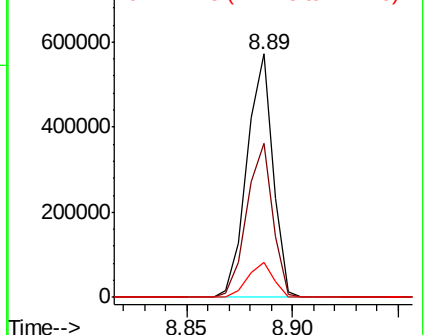
237 100

235 63.3 42.2 82.2

272 14.5 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: 140.402 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

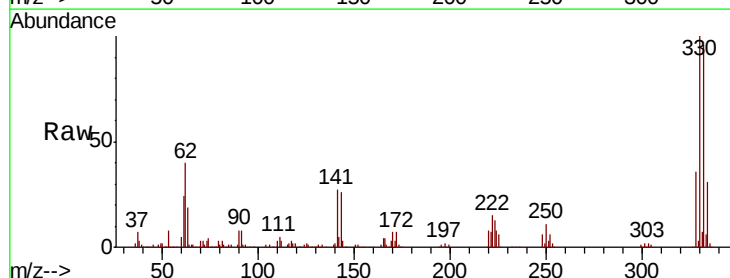
Tgt Ion:330 Resp: 478515

Ion Ratio Lower Upper

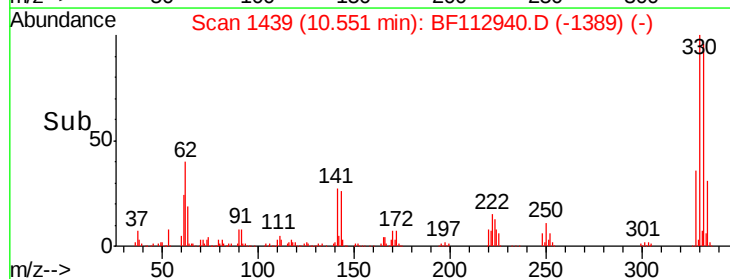
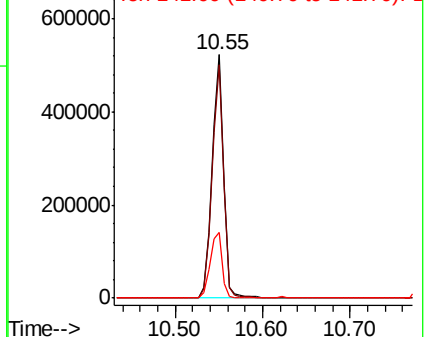
330 100

332 96.4 76.2 114.4

141 28.6 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

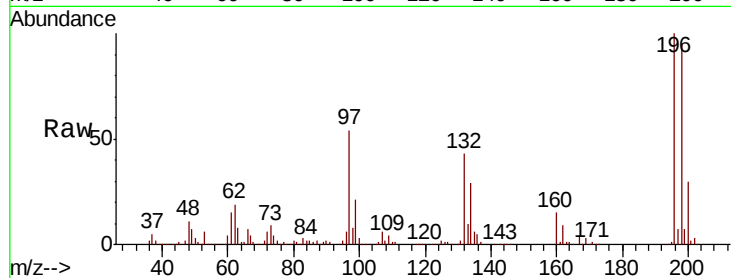




#43
 2,4,6-Trichlorophenol
 Concen: 46.265 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.8	113.8
200	30.0	24.3	36.5

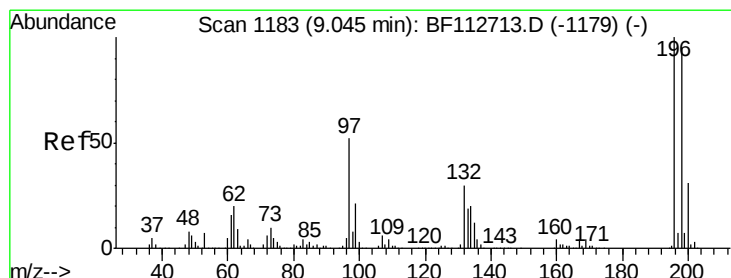
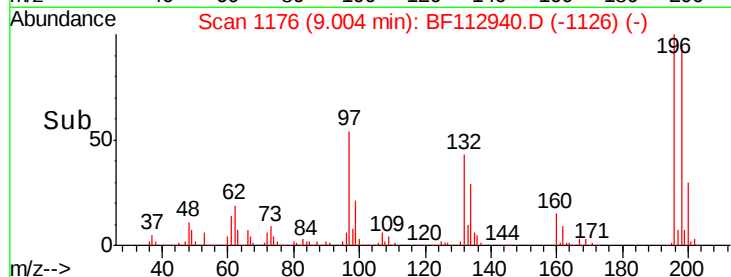
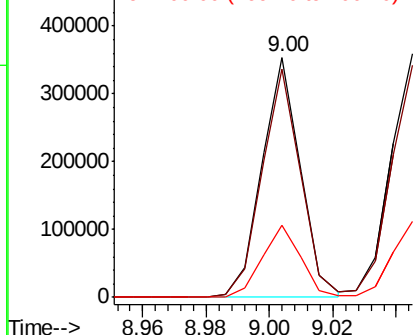


Abundance

Ion 196.00 (195.70 to 196.70): E

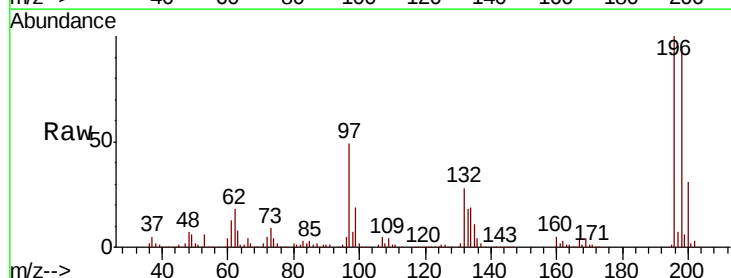
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 46.442 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.2	114.2
97	48.8	41.5	62.3
132	28.3	23.9	35.9



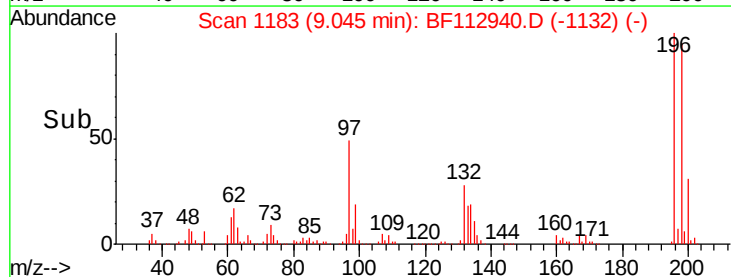
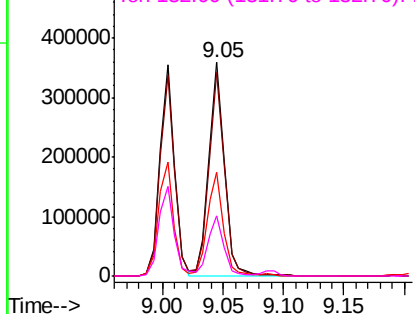
Abundance

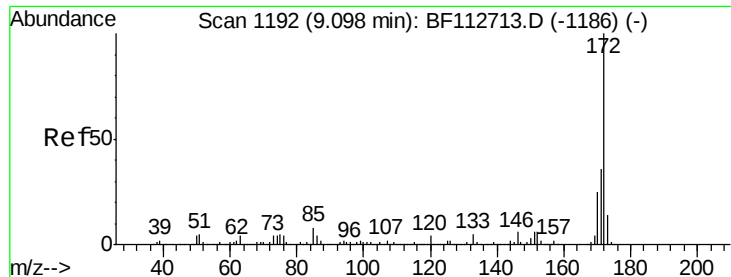
Ion 196.00 (195.70 to 196.70): E

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

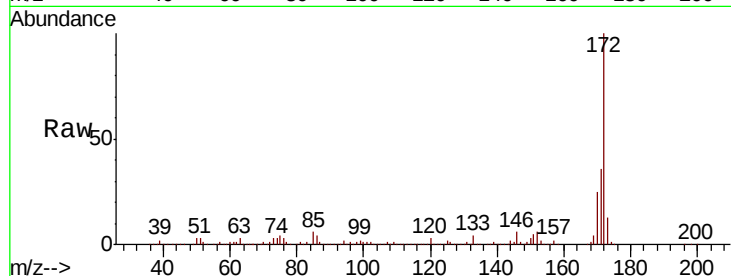




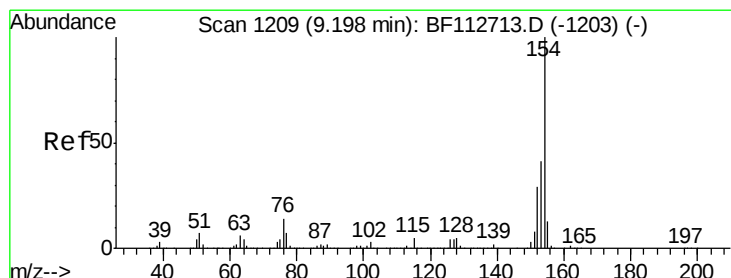
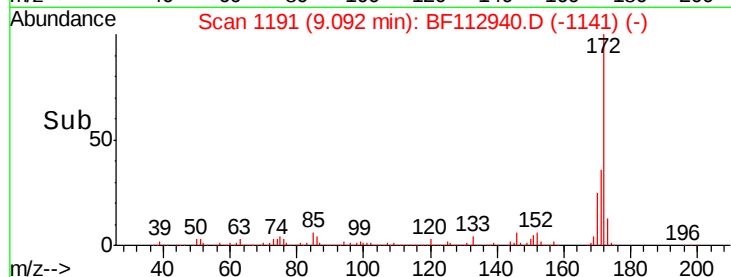
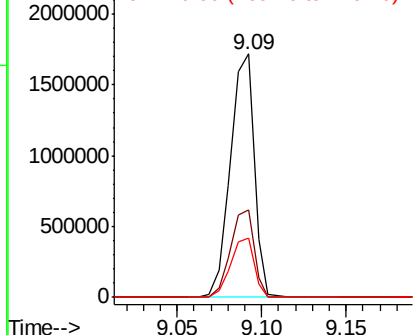
#45
2-Fluorobiphenyl
Concen: 87.440 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1681392
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 24.5 20.0 30.0

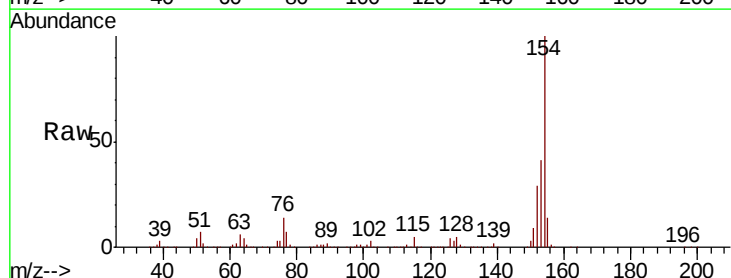


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

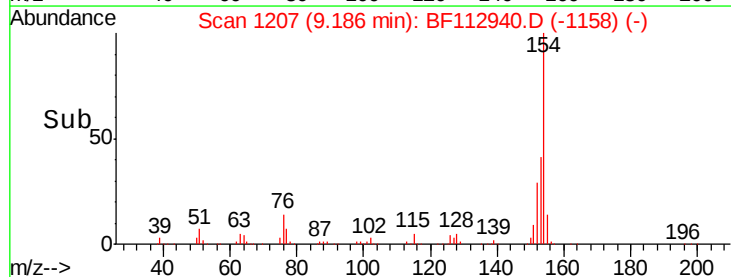
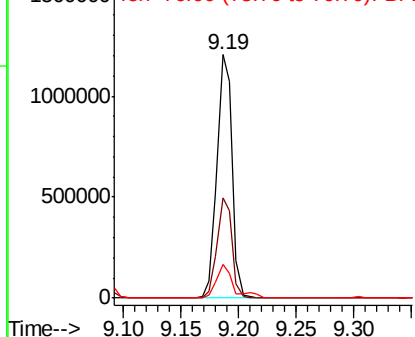


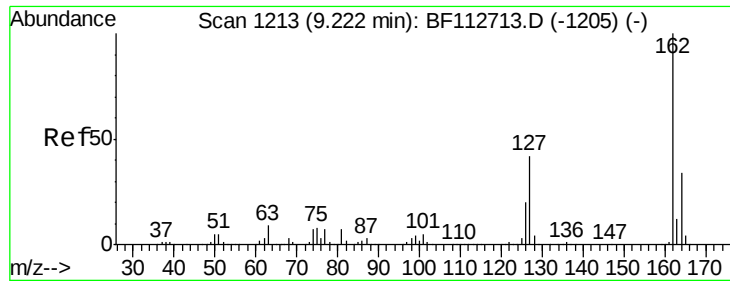
#46
1,1'-Biphenyl
Concen: 41.754 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Tgt Ion:154 Resp: 1093349
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 13.7 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

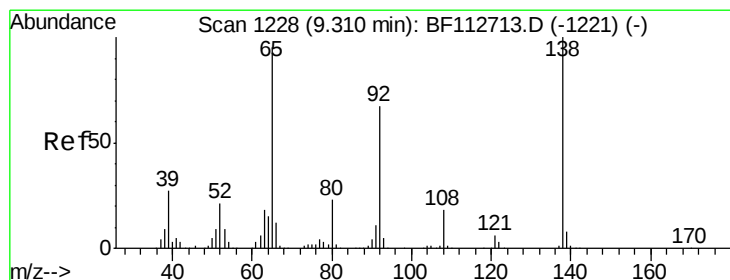
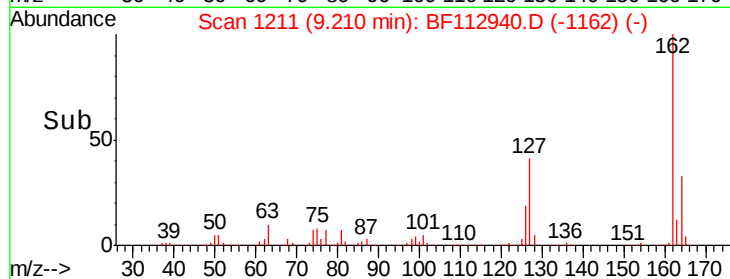
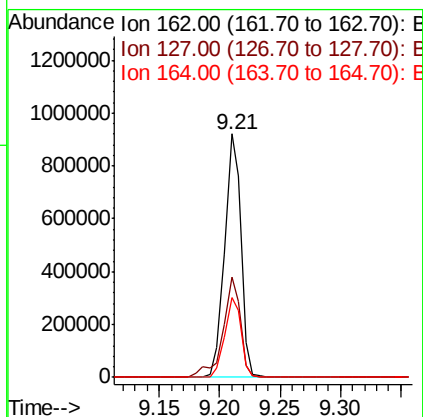
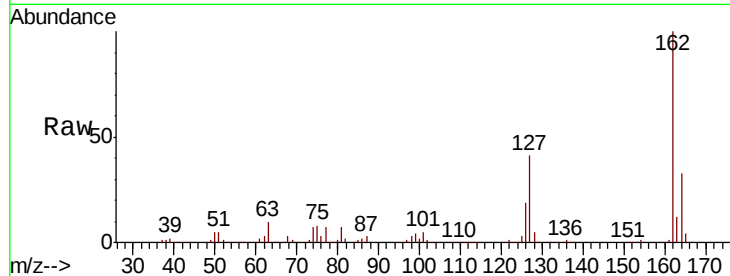




#47
 2-Chloronaphthalene
 Concen: 42.040 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

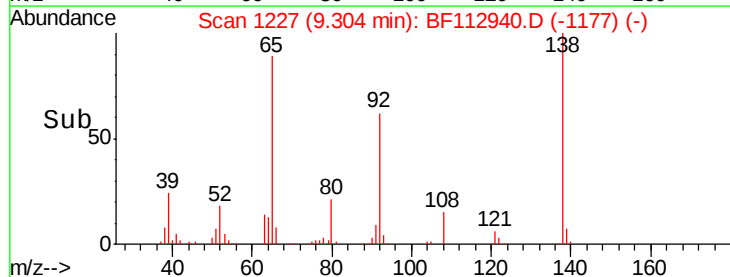
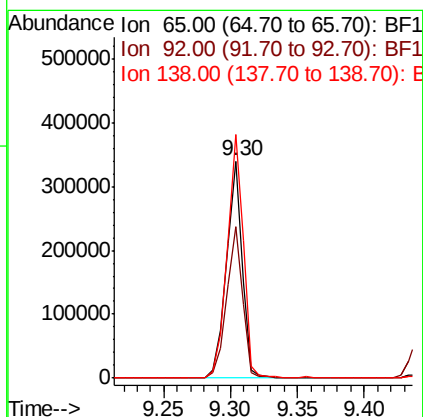
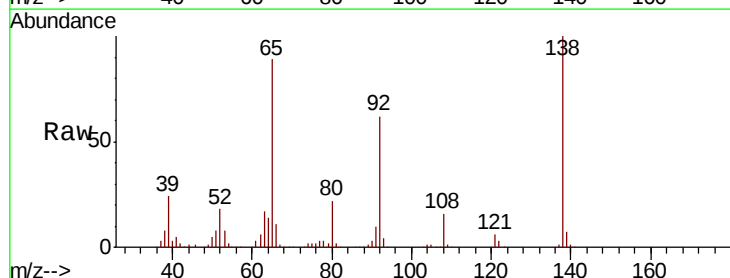
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 859574
 Ion Ratio Lower Upper
 162 100
 127 41.4 33.4 50.2
 164 33.0 26.9 40.3



#48
 2-Nitroaniline
 Concen: 46.097 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Tgt Ion: 65 Resp: 286483
 Ion Ratio Lower Upper
 65 100
 92 69.8 56.4 84.6
 138 112.2 84.6 126.8

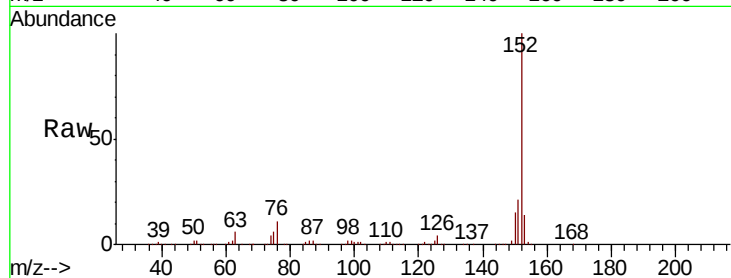




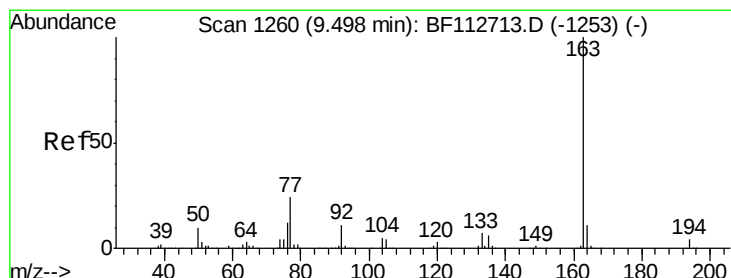
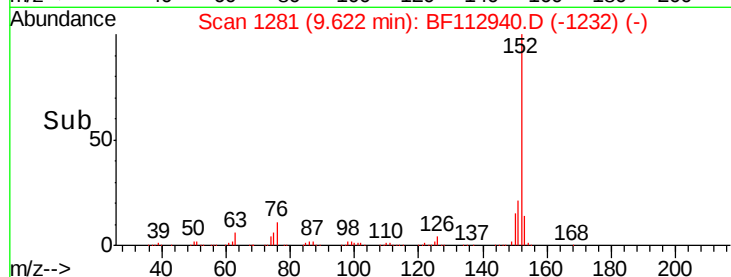
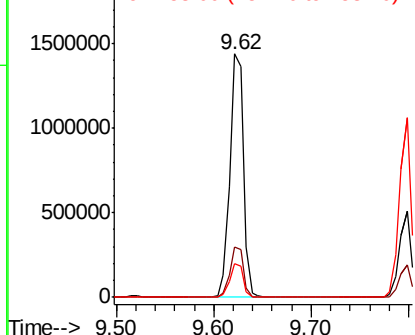
#49
Acenaphthylene
Concen: 40.104 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 1392066
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.9 11.0 16.6

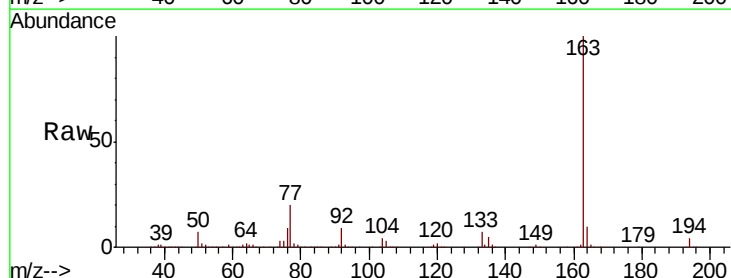


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

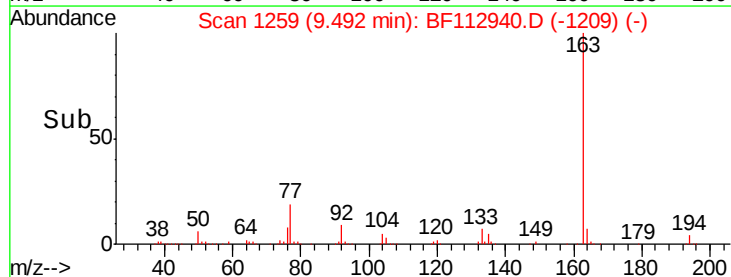
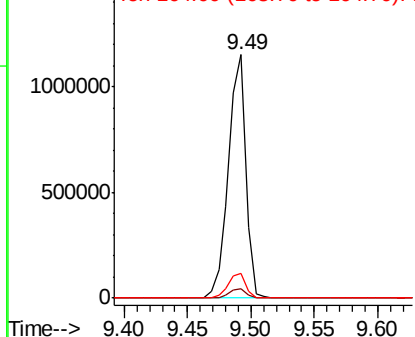


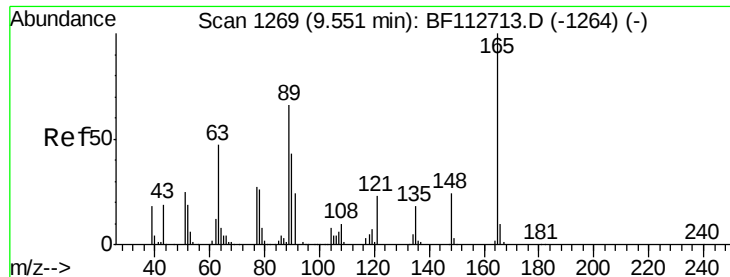
#50
Dimethylphthalate
Concen: 46.217 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Tgt Ion:163 Resp: 1094036
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.3 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: 47.421 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

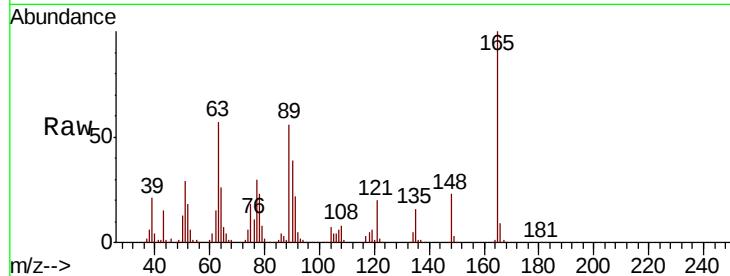
Tot Ion:165 Resp: 233757

Ion Ratio Lower Upper

165 100

63 56.6 54.1 81.1

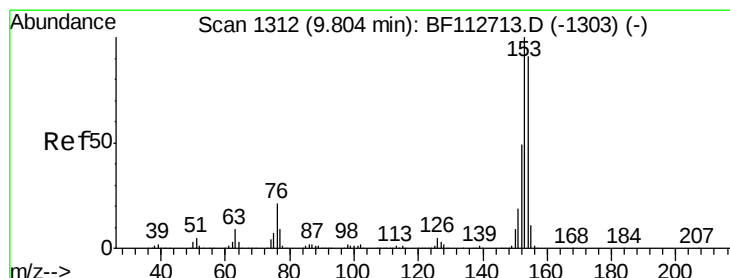
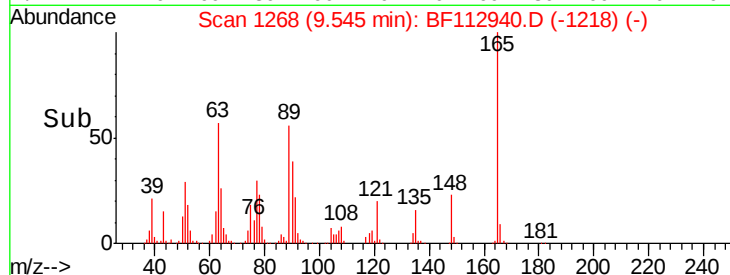
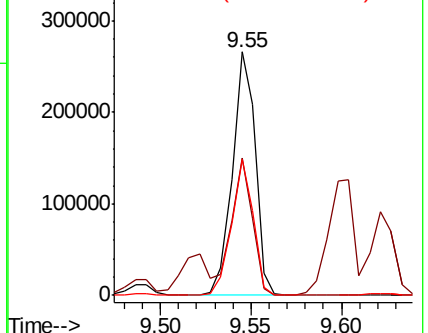
89 55.9 52.8 79.2



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: 42.342 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

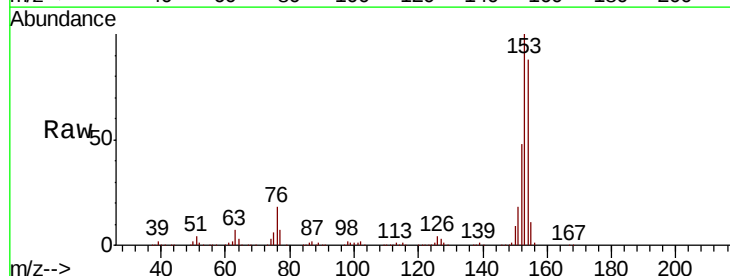
Tgt Ion:154 Resp: 859499

Ion Ratio Lower Upper

154 100

153 113.3 87.8 131.8

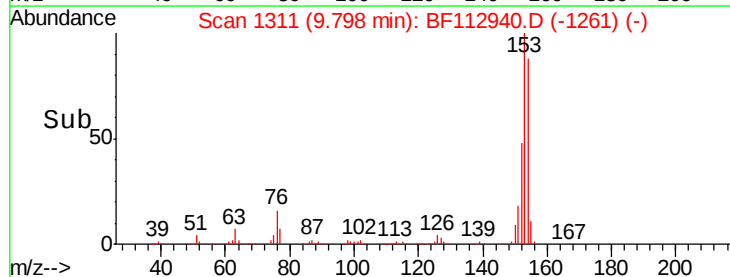
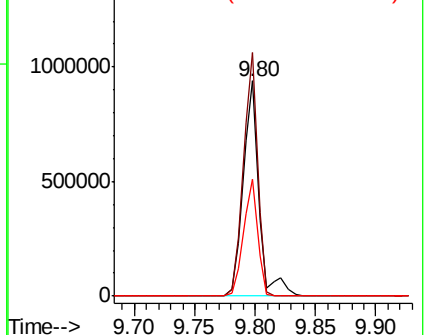
152 54.7 43.0 64.6

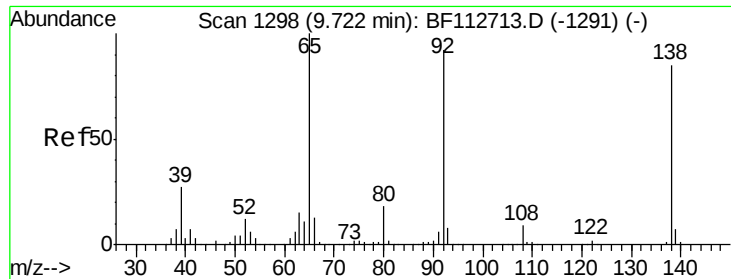


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

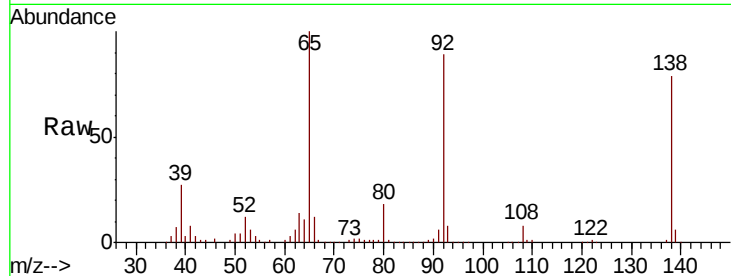




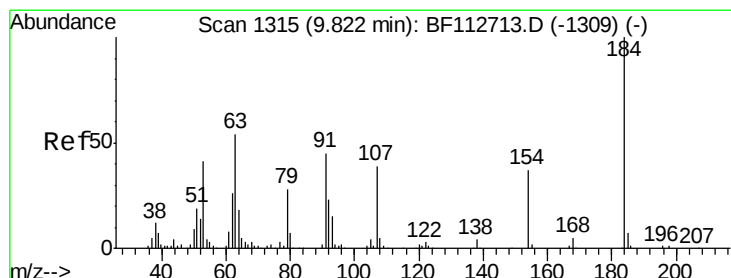
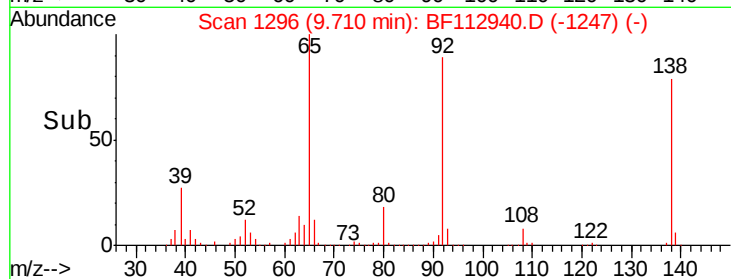
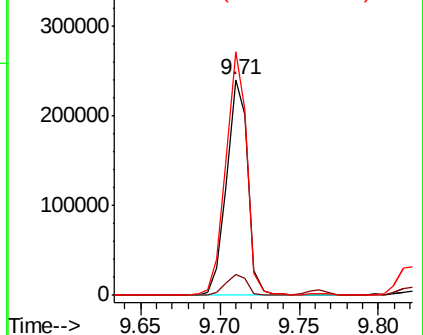
#53
3-Nitroaniline
Concen: 37.192 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 223396
Ion Ratio Lower Upper
138 100
108 9.7 8.6 13.0
92 112.9 86.6 129.8

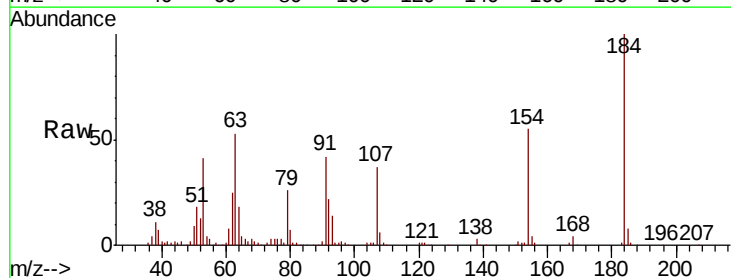


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

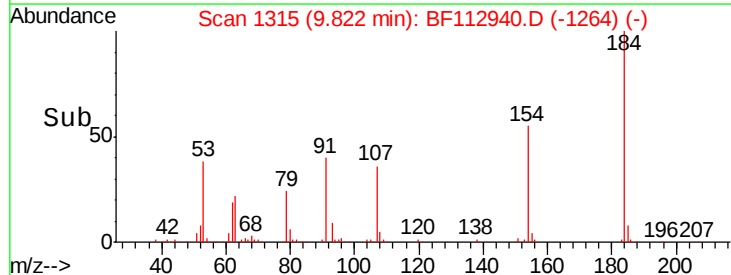
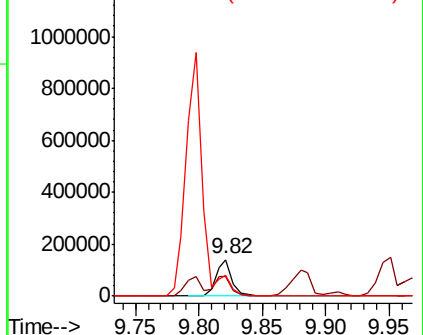


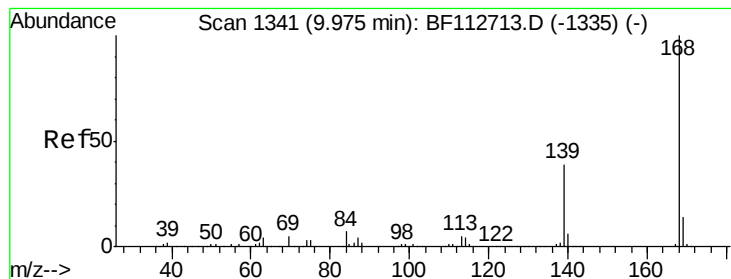
#54
2,4-Dinitrophenol
Concen: 64.232 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Tgt Ion:184 Resp: 126724
Ion Ratio Lower Upper
184 100
63 53.2 45.3 67.9
154 55.4 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

Dibenzofuran

Concen: 41.387 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

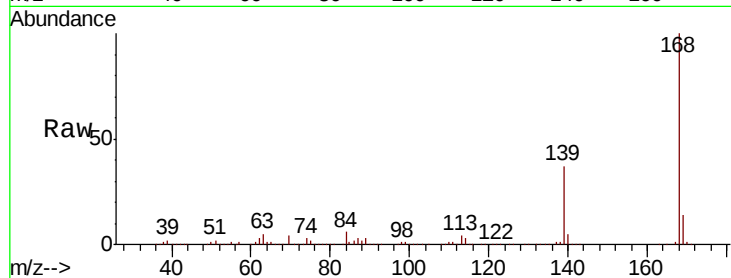
Tot Ion:168 Resp: 1221023

Ion Ratio Lower Upper

168 100

139 36.7 31.3 46.9

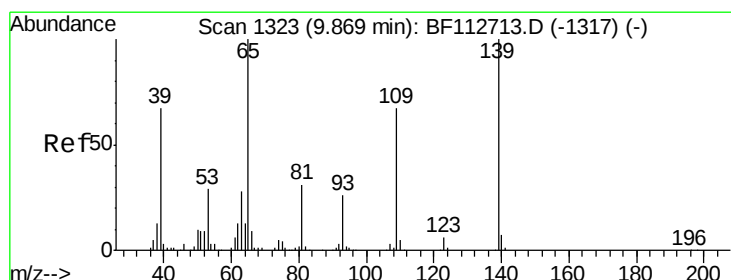
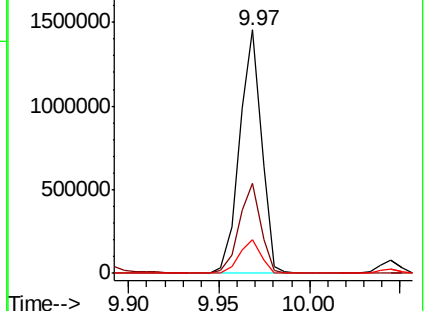
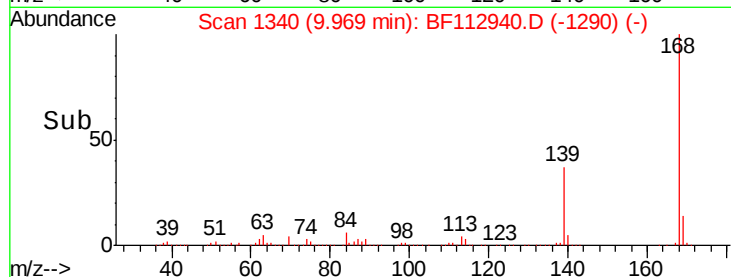
169 13.8 11.3 16.9



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: 85.813 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.02 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

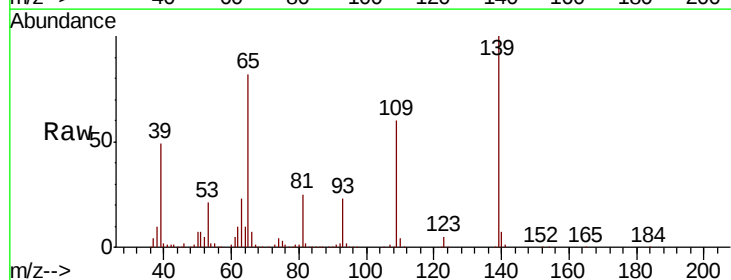
Tgt Ion:139 Resp: 418904

Ion Ratio Lower Upper

139 100

109 60.0 46.8 86.8

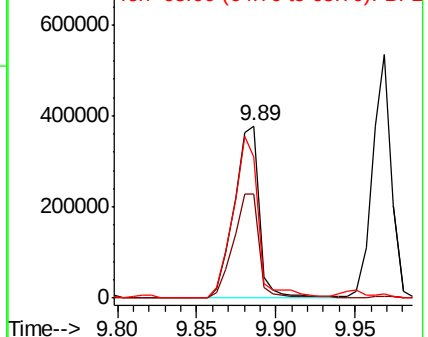
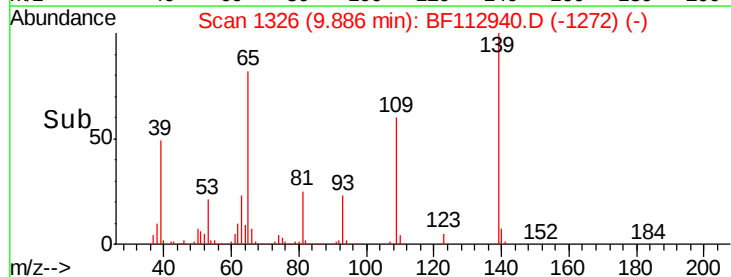
65 81.7 80.7 120.7

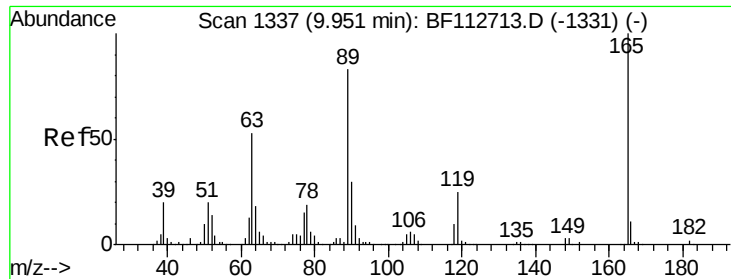


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

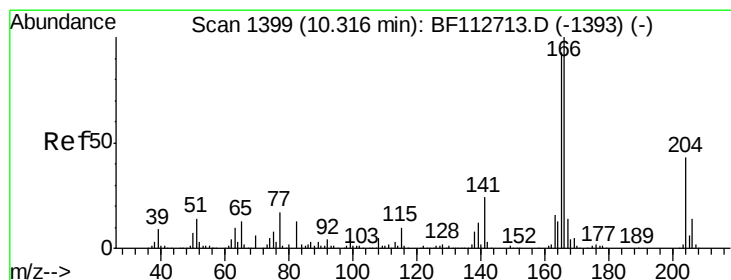
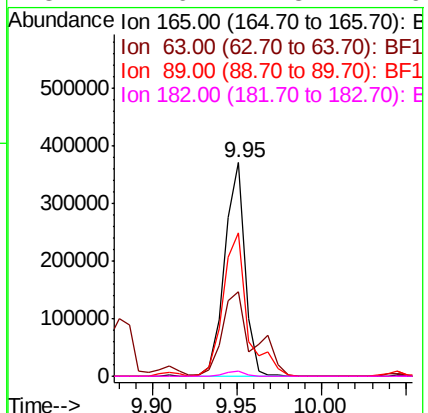
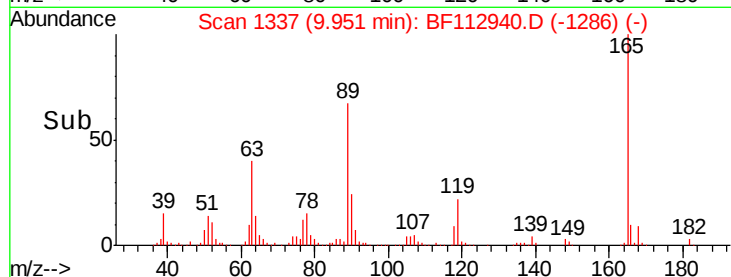
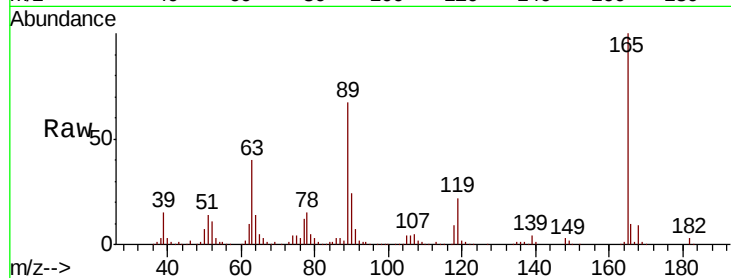




#57
 2,4-Dinitrotoluene
 Concen: 50.259 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

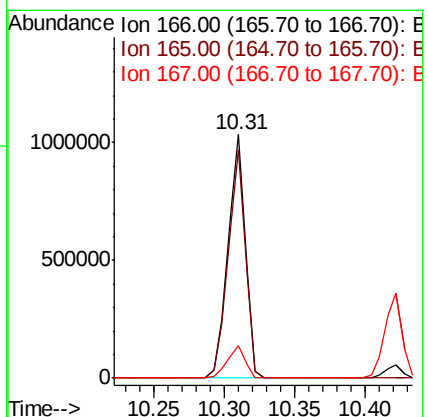
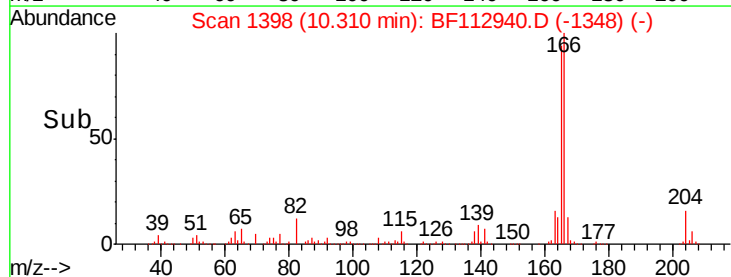
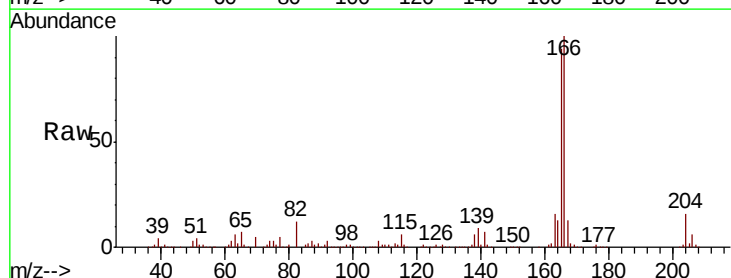
Instrument :
 BNA_F
 ClientSampleId :

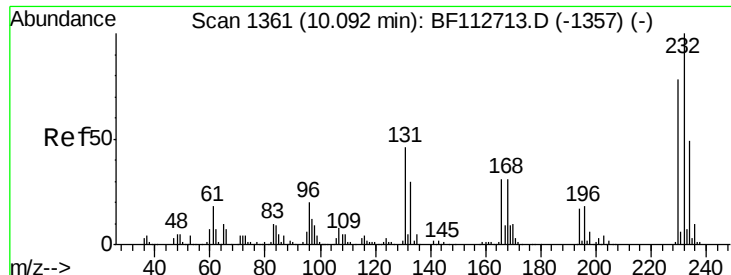
Tot Ion:165	Resp:	307951
Ion Ratio	Lower	Upper
165	100	
63	39.7	42.2 63.2#
89	67.2	66.2 99.4
182	2.6	1.8 2.6



#58
 Fluorene
 Concen: 42.358 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Tgt Ion:166	Resp:	886939
Ion Ratio	Lower	Upper
166	100	
165	93.7	74.7 112.1
167	13.4	11.0 16.6

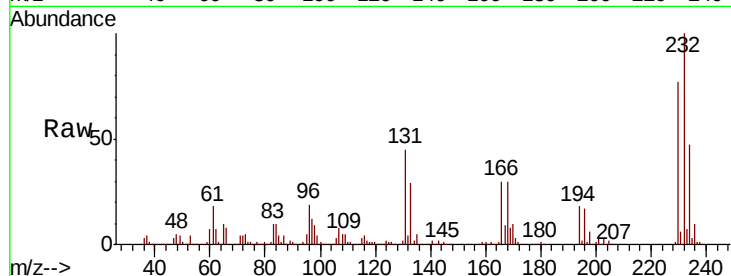




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.518 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.0	38.7	58.1
130	2.0	1.9	2.9
166	29.7	25.2	37.8



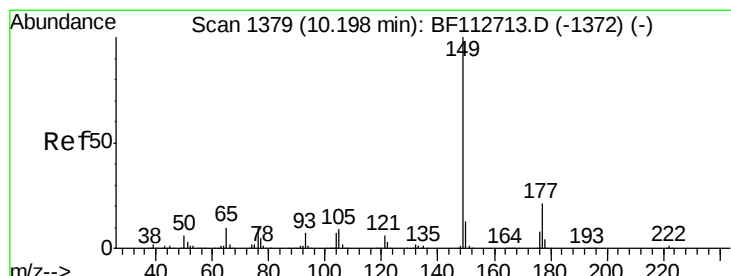
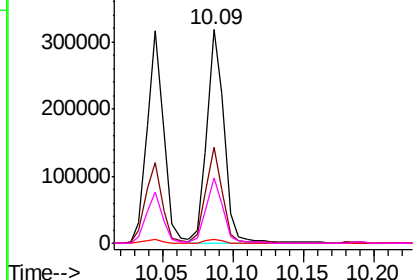
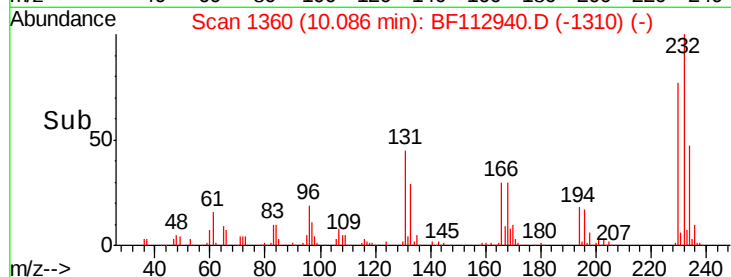
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

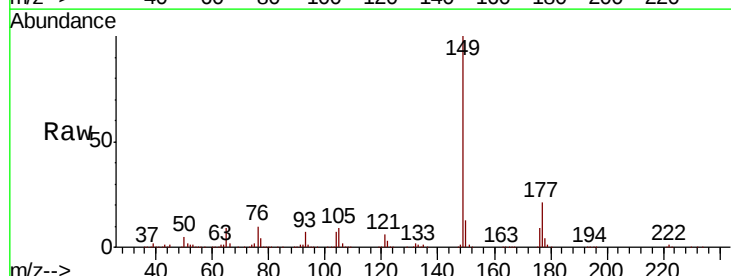
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.977 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.0	25.6
150	12.8	10.0	15.0

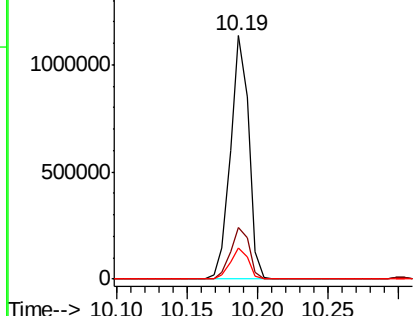
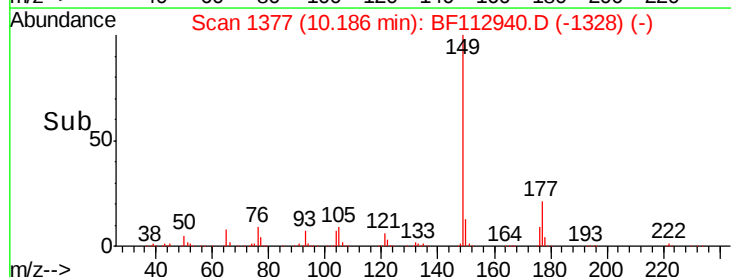


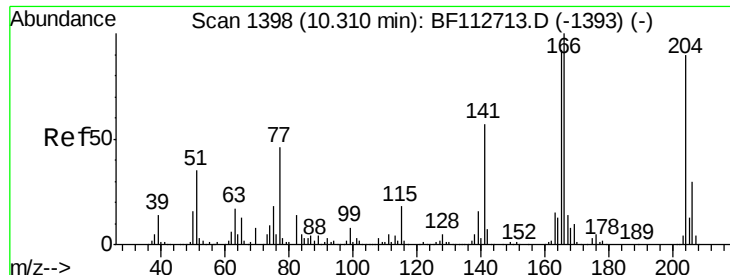
Abundance

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

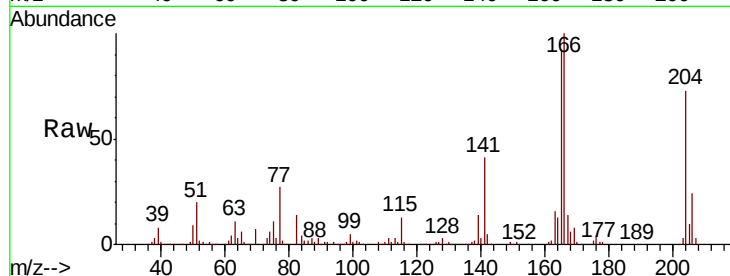




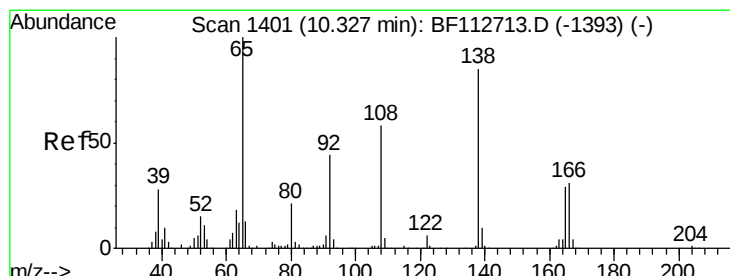
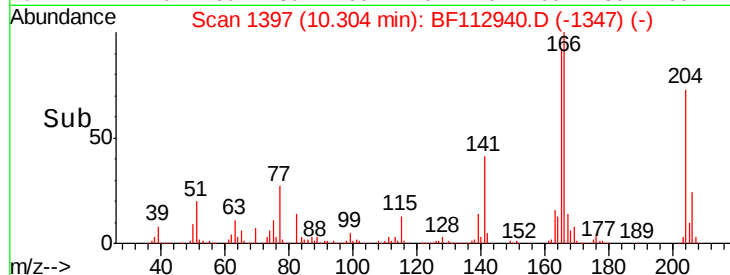
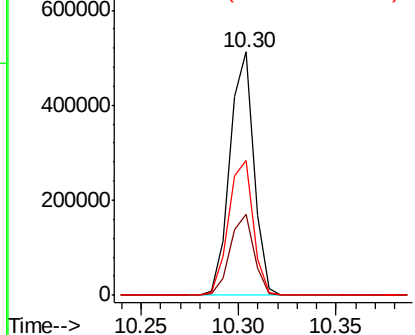
#61
 4-Chlorophenyl-phenylether
 Concen: 44.841 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	204	Resp:	436860
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	40.0
141	55.5	50.8	76.2

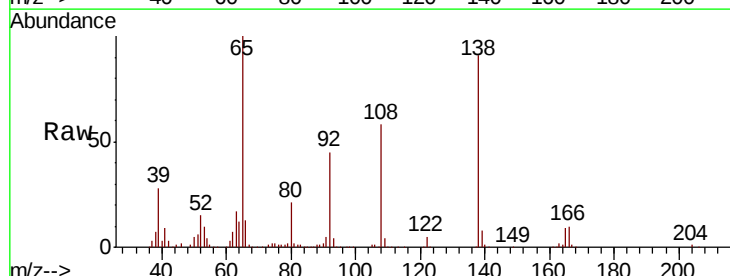


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

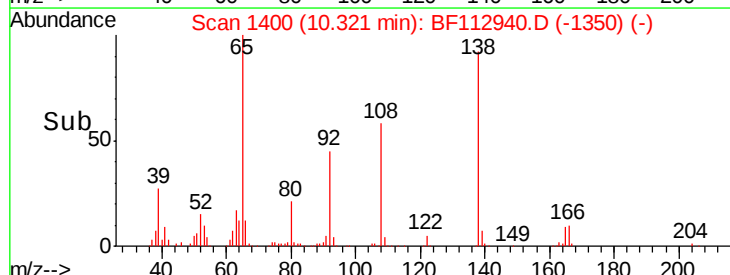
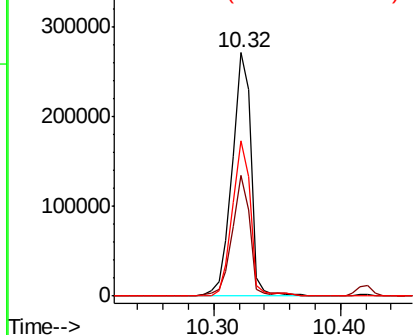


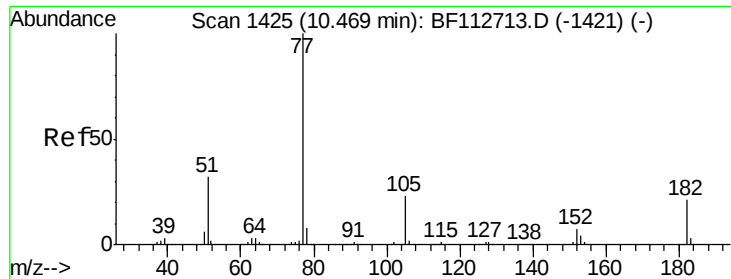
#62
 4-Nitroaniline
 Concen: 49.875 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Tgt Ion:	138	Resp:	276822
Ion	Ratio	Lower	Upper
138	100		
92	49.4	31.3	71.3
108	63.9	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

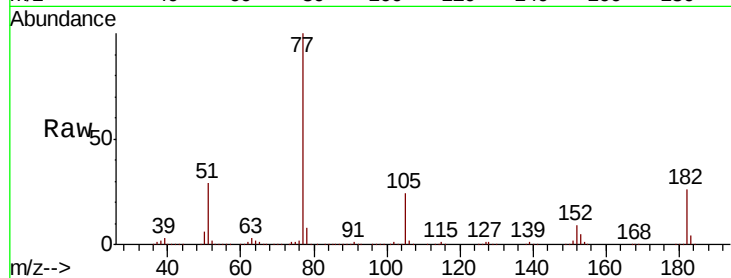




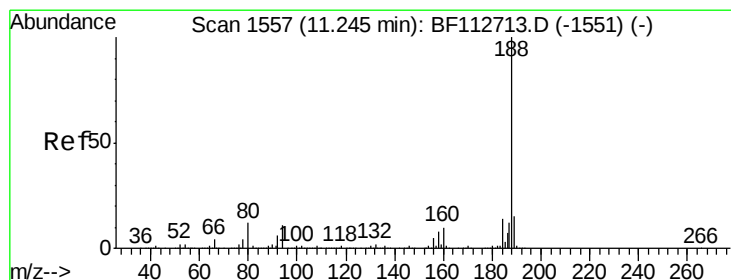
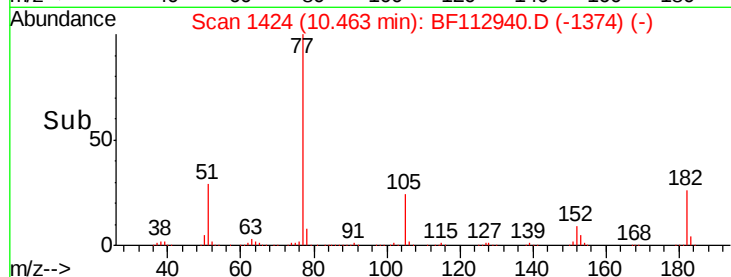
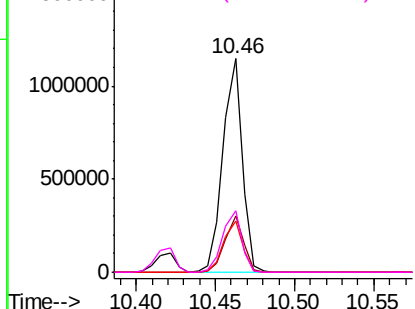
#63
Azobenzene
Concen: 37.890 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 970258
Ion Ratio Lower Upper
77 100
182 26.1 1.4 41.4
105 23.7 2.6 42.6
51 28.6 12.0 52.0

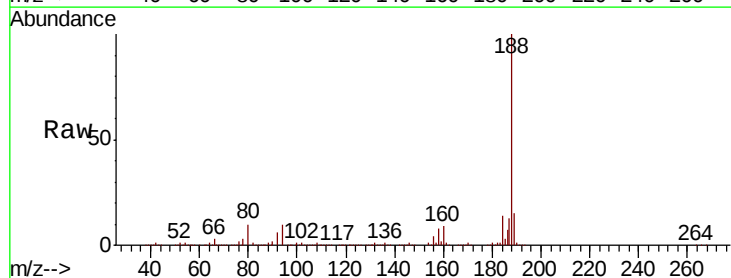


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

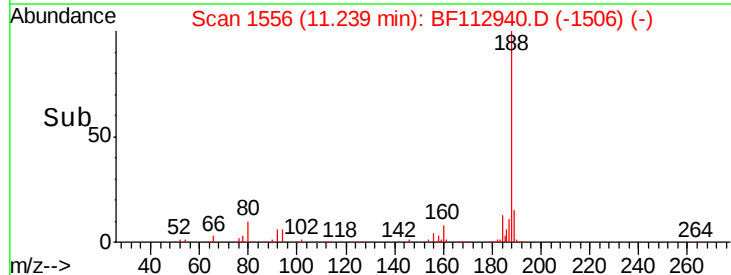
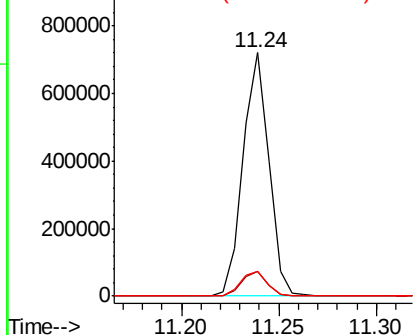


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Tgt Ion: 188 Resp: 662765
Ion Ratio Lower Upper
188 100
94 10.0 9.0 13.4
80 10.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

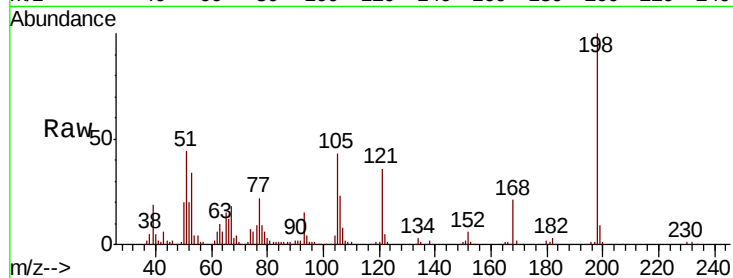




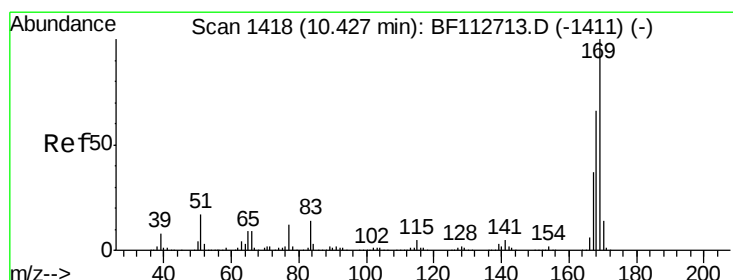
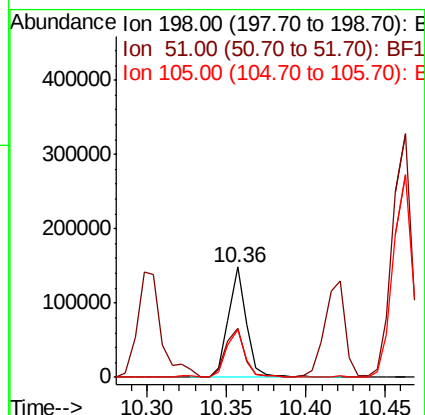
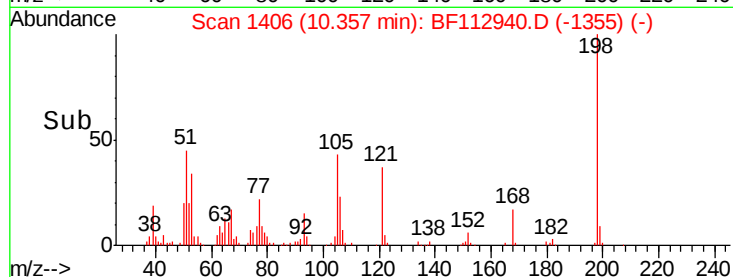
#65
4,6-Dinitro-2-methylphenol
Concen: 43.525 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 117232
Ion Ratio Lower Upper
198 100
51 44.1 43.8 83.8
105 43.1 36.5 76.5

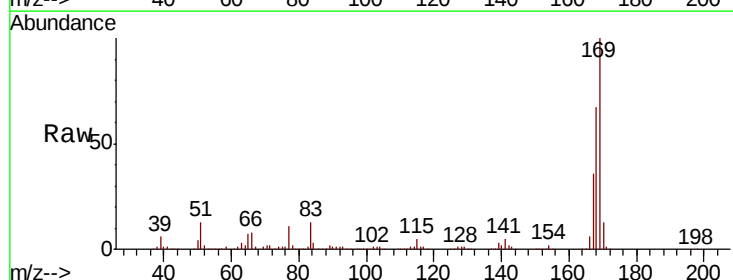


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

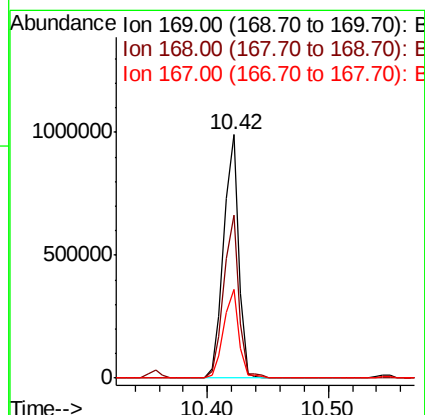
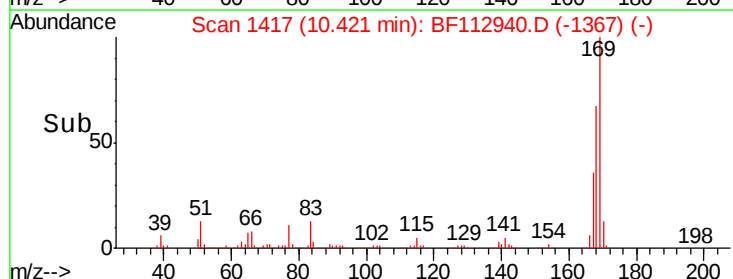


#66
n-Nitrosodiphenylamine
Concen: 39.716 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Tgt Ion:169 Resp: 844174
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.6
167 36.5 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

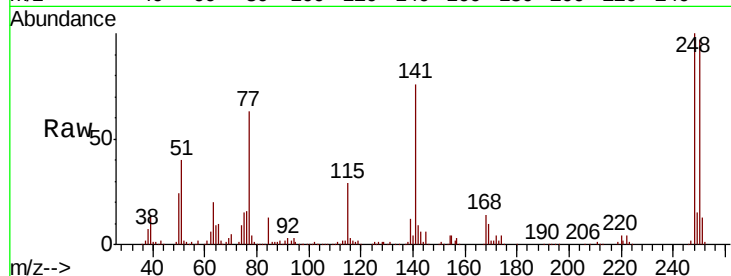




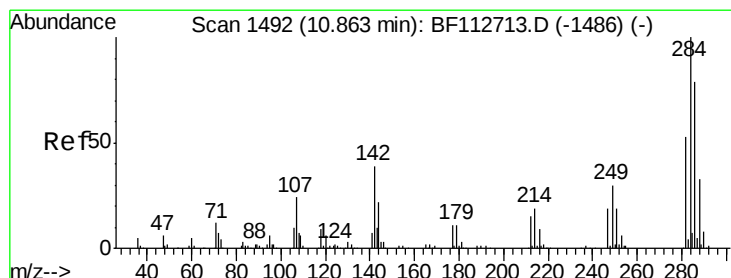
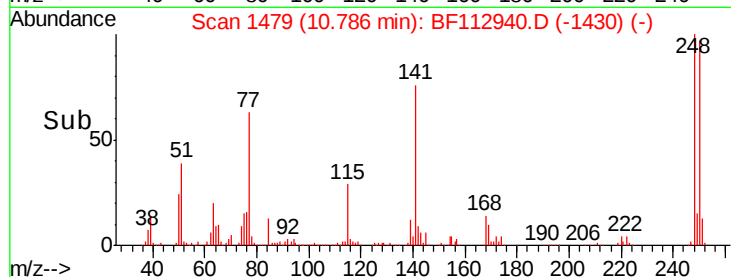
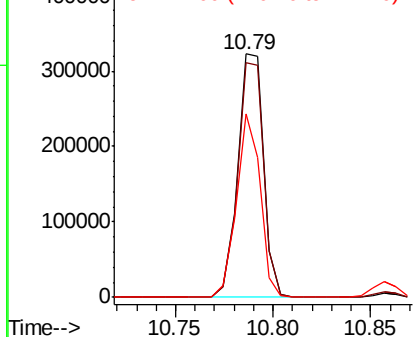
#67
 4-Bromophenyl-phenylether
 Concen: 42.348 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 295628
 Ion Ratio Lower Upper
 248 100
 250 96.6 77.5 116.3
 141 75.6 62.4 93.6

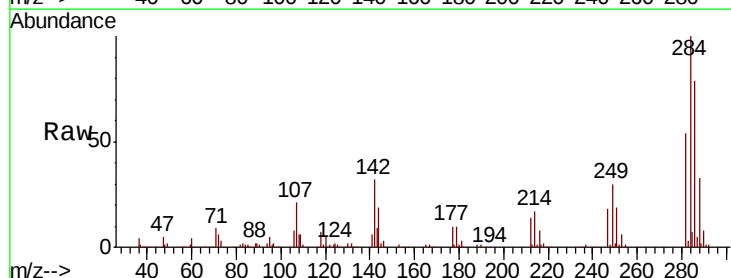


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

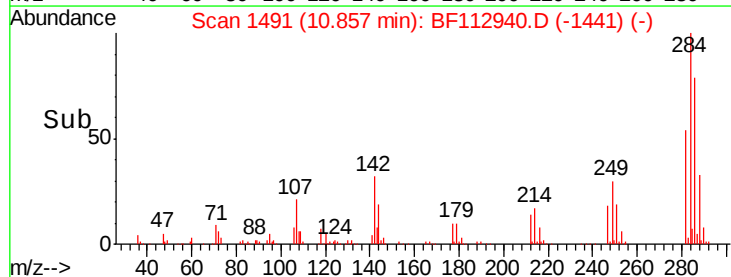
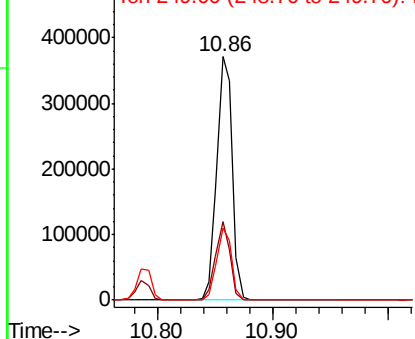


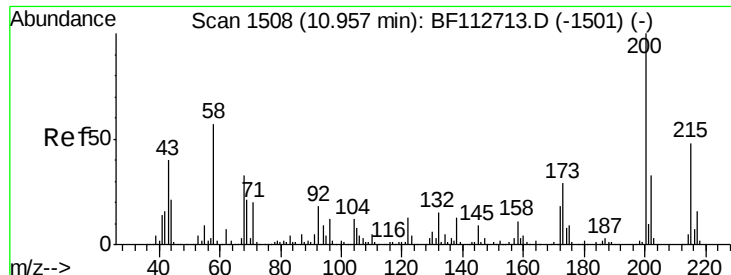
#68
 Hexachlorobenzene
 Concen: 44.016 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Tgt Ion:284 Resp: 346370
 Ion Ratio Lower Upper
 284 100
 142 32.3 31.0 46.6
 249 29.8 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

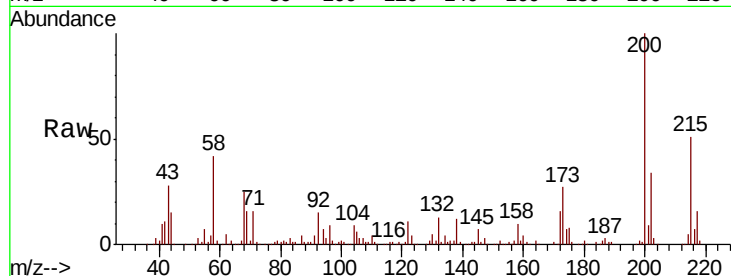




#69
 Atrazine
 Concen: 43.030 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	9.1	49.1
215	51.2	28.2	68.2

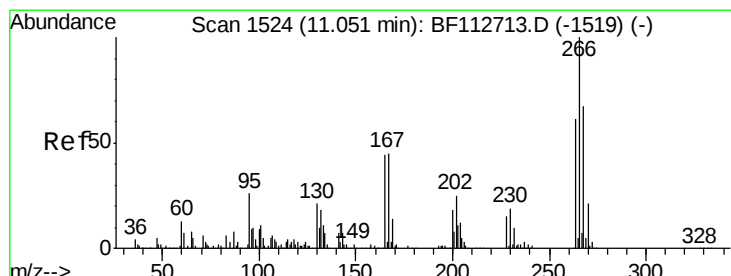
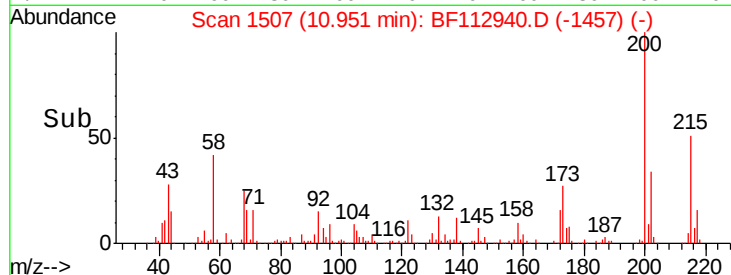
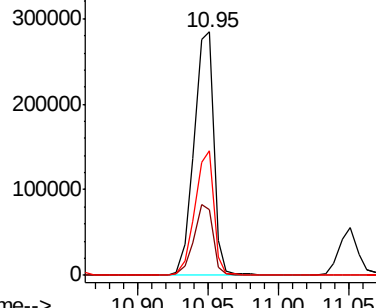


Abundance

Ion 200.00 (199.70 to 200.70): E

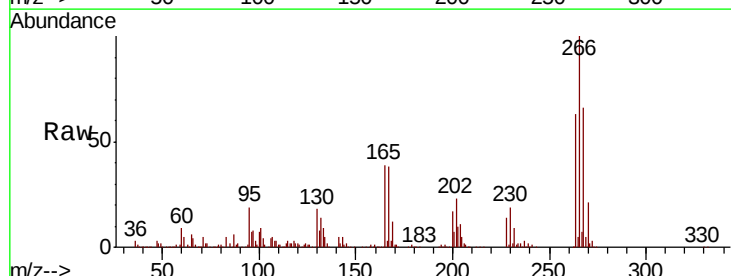
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 72.080 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	53.3	79.9
264	63.1	48.9	73.3

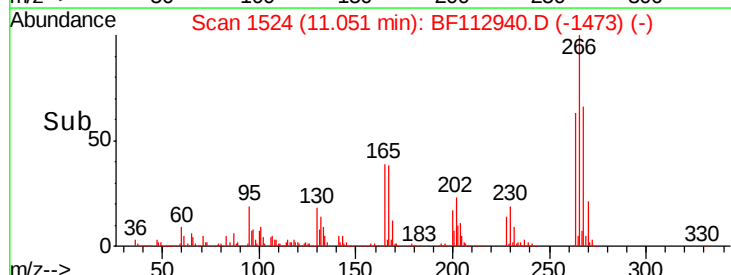
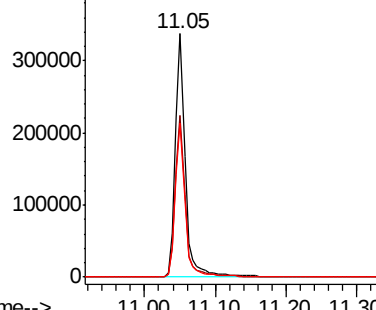


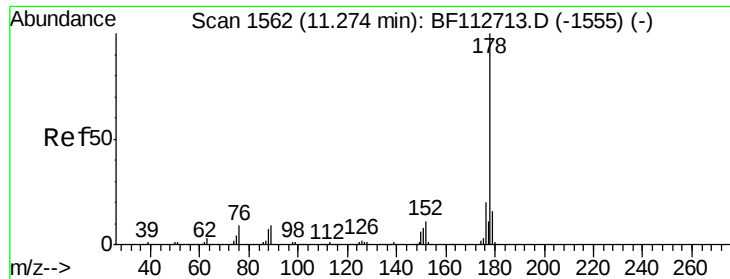
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.479 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

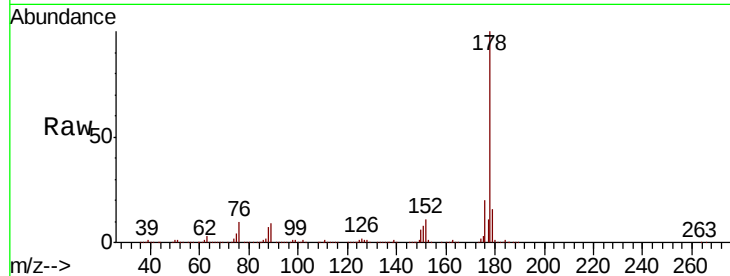
Tot Ion:178 Resp: 1367785

Ion Ratio Lower Upper

178 100

176 20.3 16.3 24.5

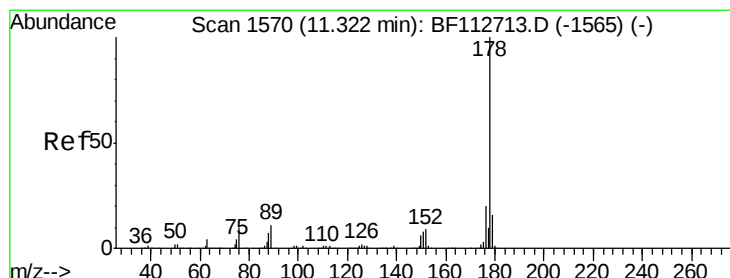
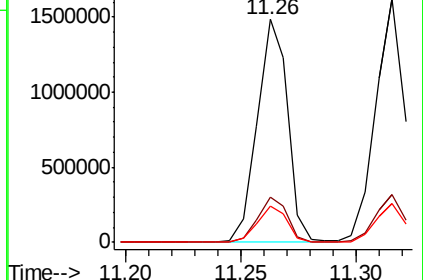
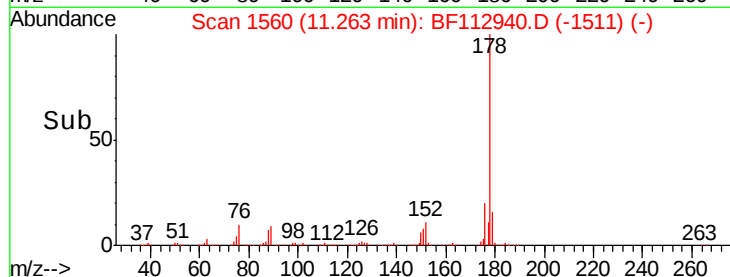
179 16.1 12.7 19.1



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: 41.362 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

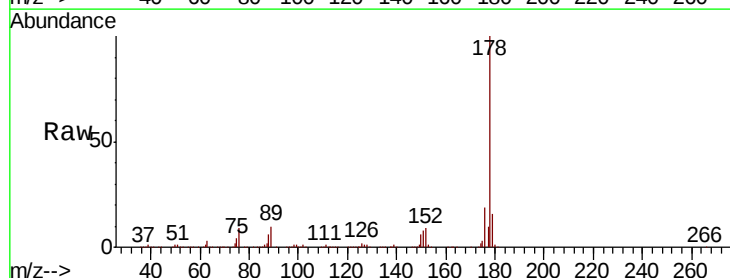
Tgt Ion:178 Resp: 1427731

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

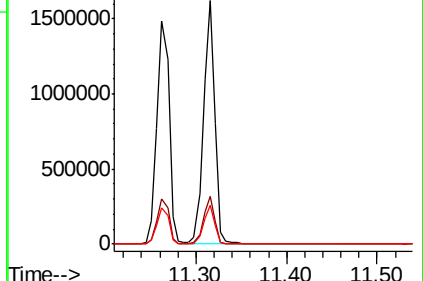
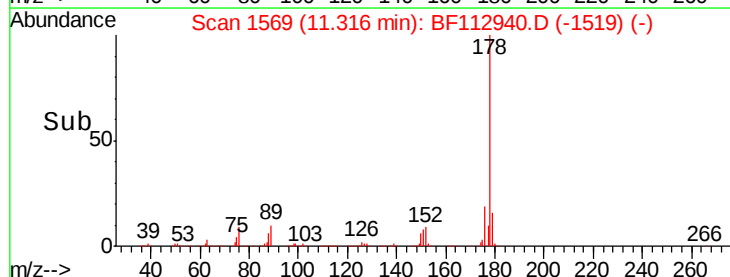
179 16.0 13.0 19.6



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



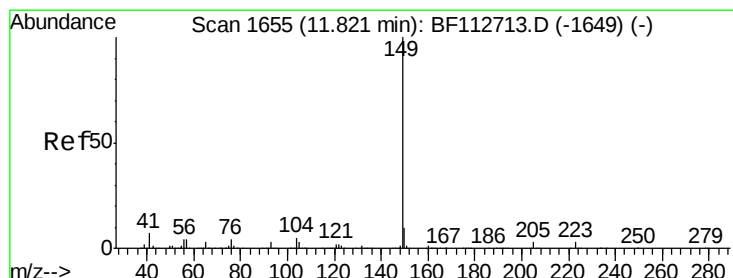
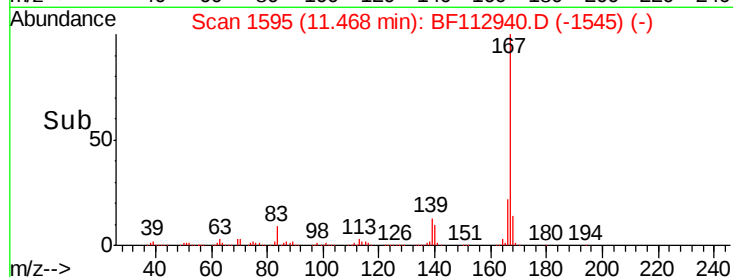
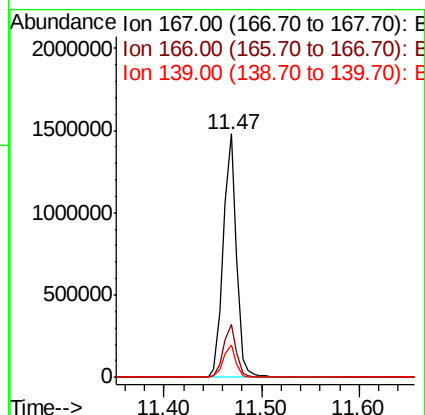
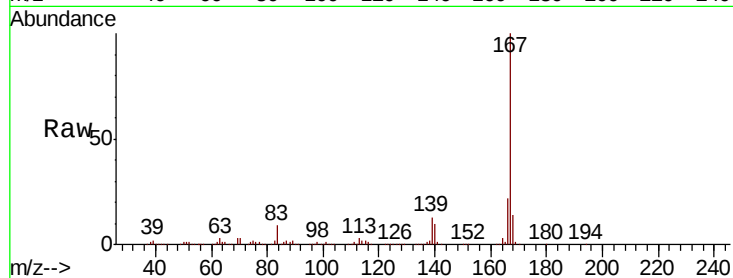


#73
 Carbazole
 Concen: 41.231 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1388356

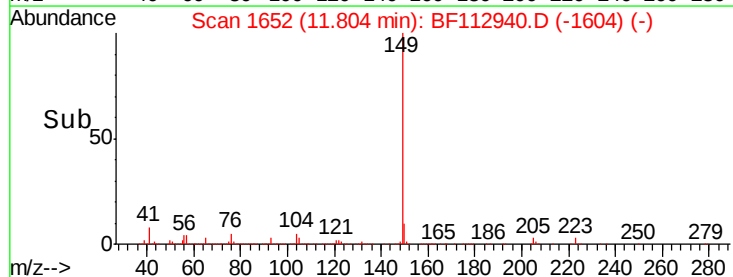
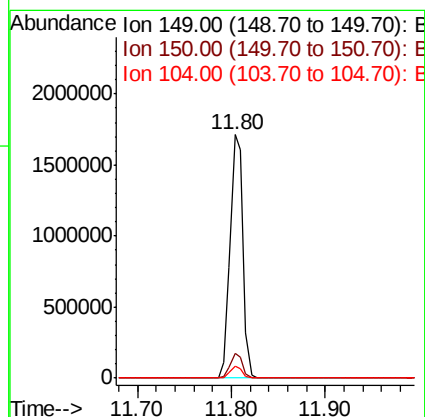
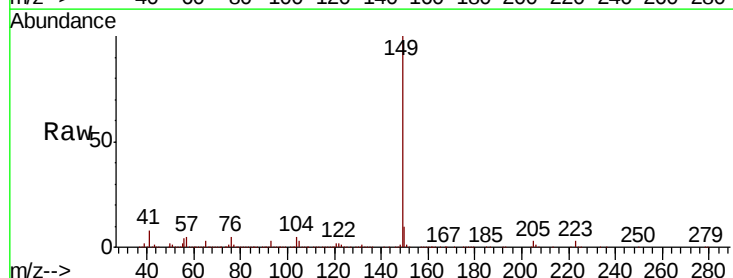
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	13.2	10.8	16.2

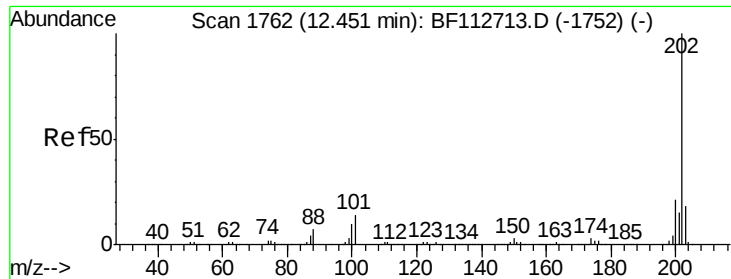


#74
 Di-n-butylphthalate
 Concen: 39.958 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.02 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Tgt Ion:149 Resp: 1613288

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	4.9	3.7	5.5

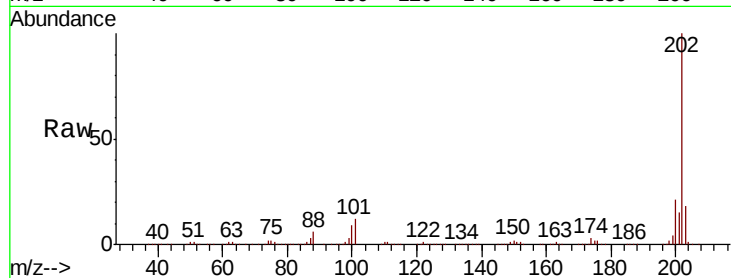




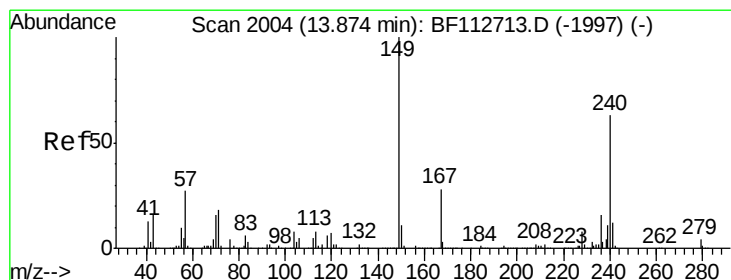
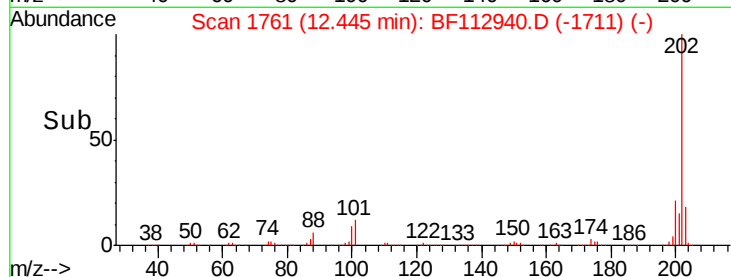
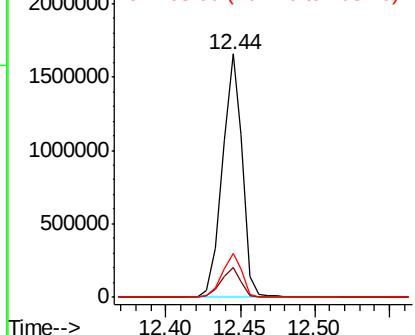
#75
Fluoranthene
Concen: 43.934 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1552129
Ion Ratio Lower Upper
202 100
101 12.3 0.0 33.8
203 18.3 0.0 38.4

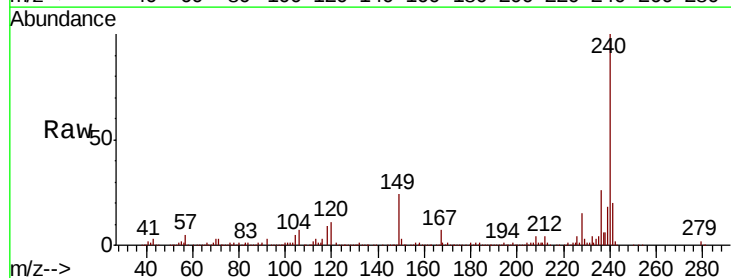


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

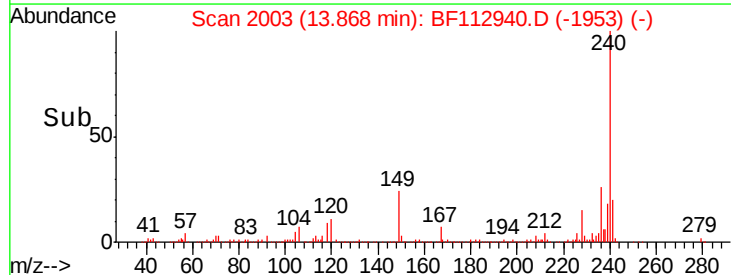
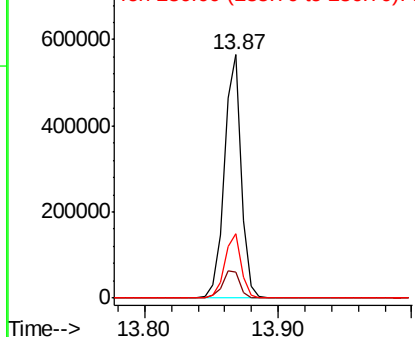


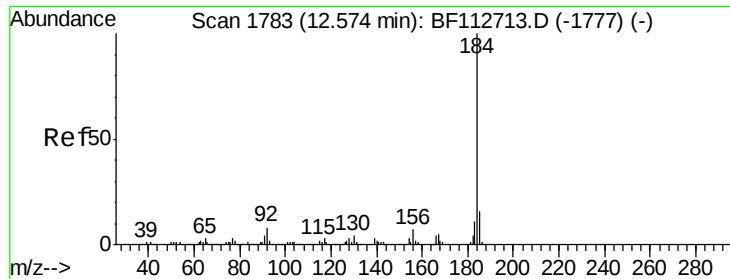
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Tgt Ion:240 Resp: 503538
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 26.4 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: 16.735 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

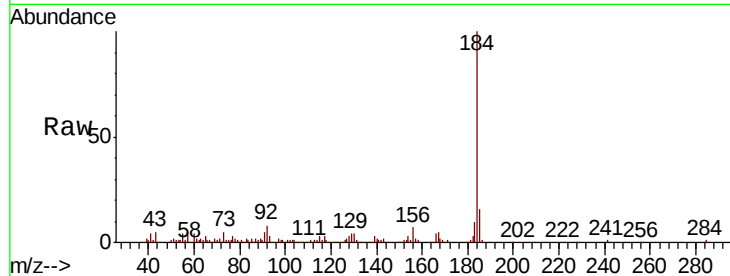
Tot Ion:184 Resp: 437186

Ion Ratio Lower Upper

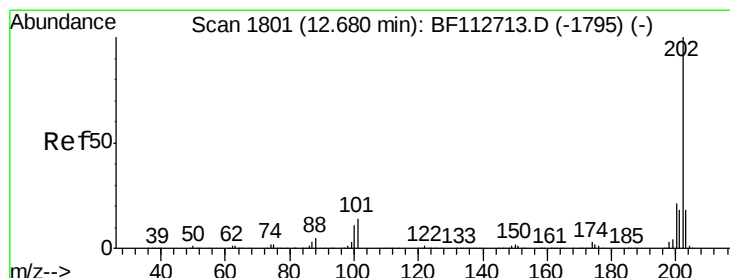
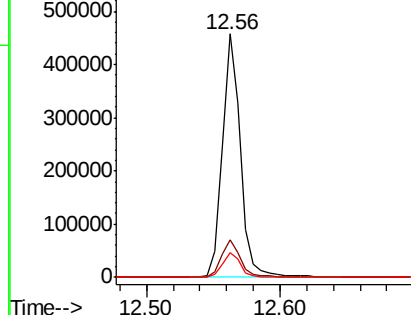
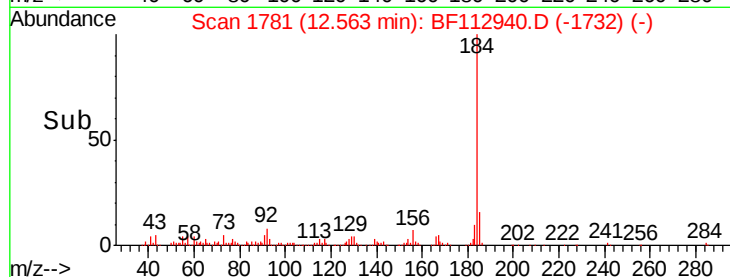
184 100

185 15.6 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: 37.085 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

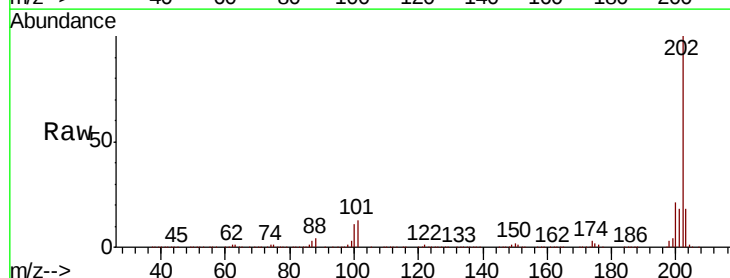
Tgt Ion:202 Resp: 1574256

Ion Ratio Lower Upper

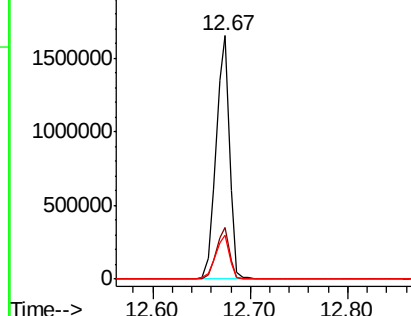
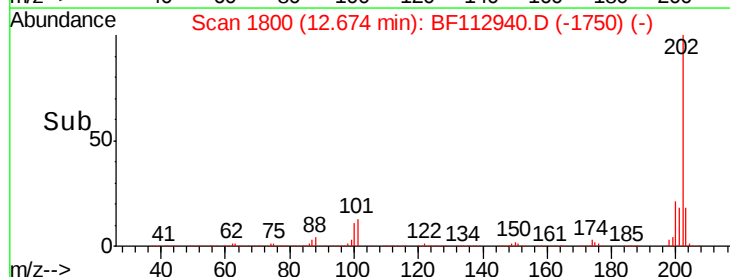
202 100

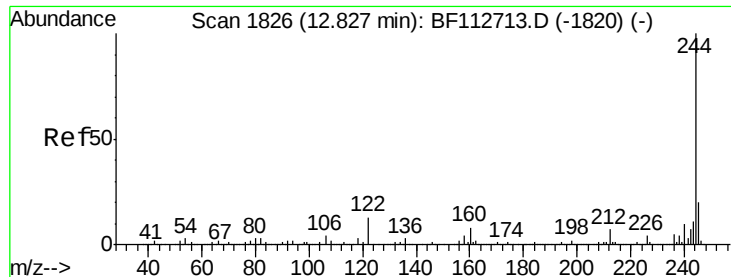
200 21.1 17.0 25.4

203 18.2 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

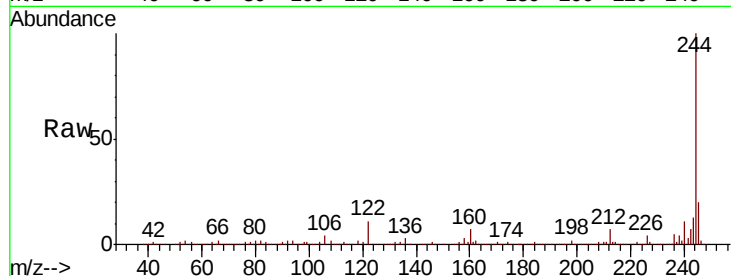




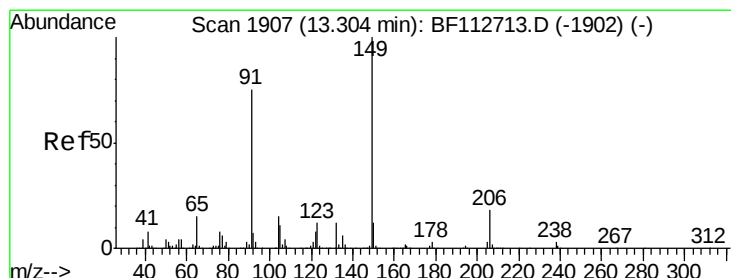
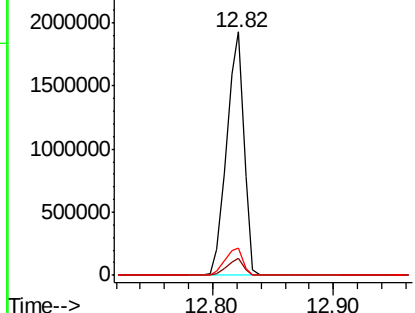
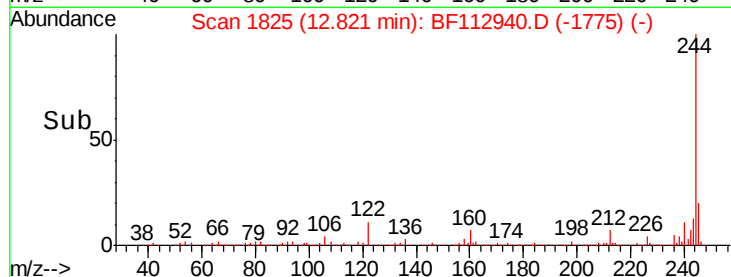
#79
 Terphenyl-d14
 Concen: 73.472 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1908481
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.3 10.5 15.7

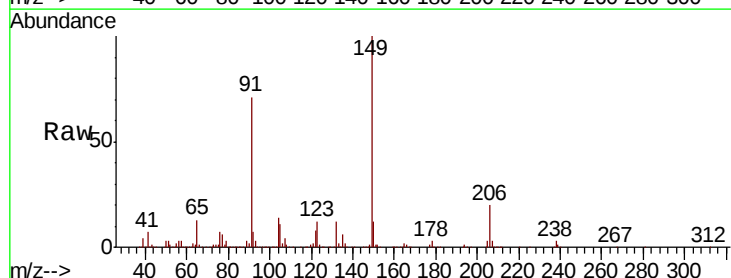


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

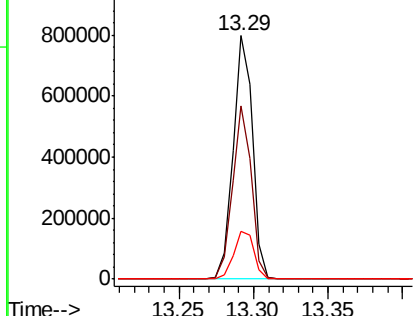
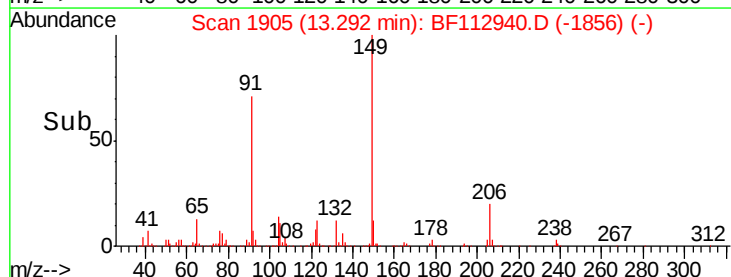


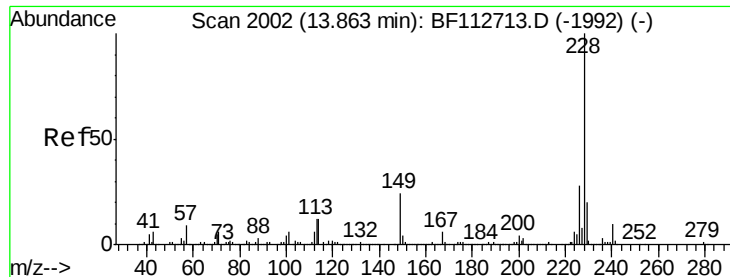
#80
 Butylbenzylphthalate
 Concen: 39.246 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF112940.D
 Acq: 8 Mar 2019 13:23

Tgt Ion:149 Resp: 735375
 Ion Ratio Lower Upper
 149 100
 91 71.3 59.9 89.9
 206 19.8 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: 36.617 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

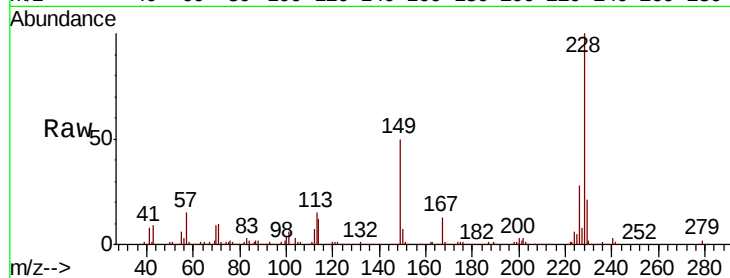
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1277874

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.4
229	20.9	16.0	24.0

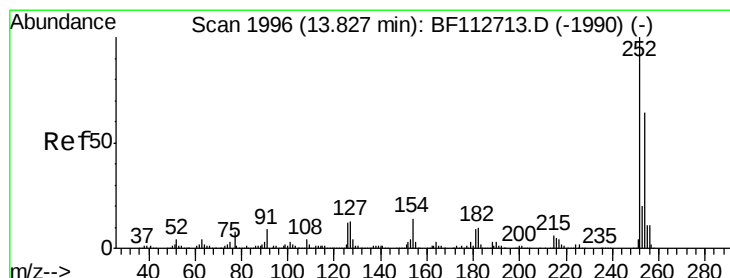
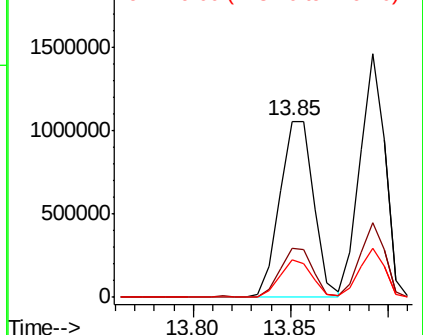
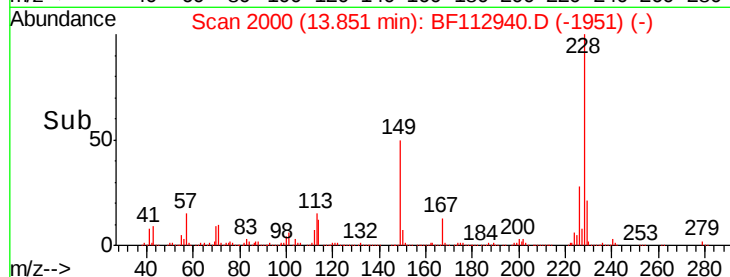


Abundance

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: 30.635 ng

RT: 13.82 min Scan# 1994

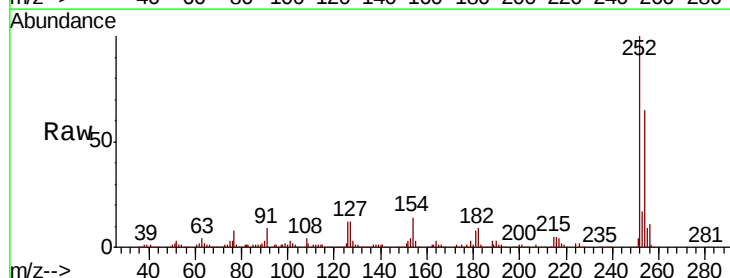
Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

Tgt Ion:252 Resp: 404348

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.1	76.7
126	12.1	9.9	14.9

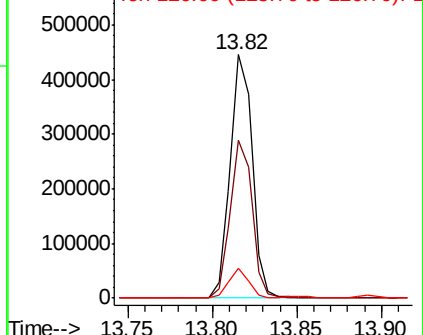
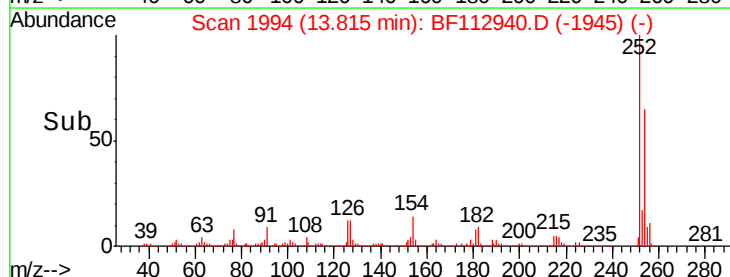


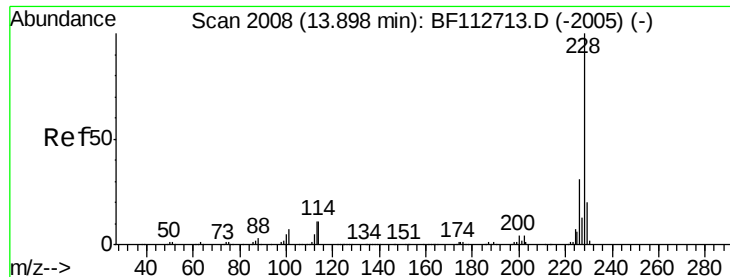
Abundance

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: 38.356 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

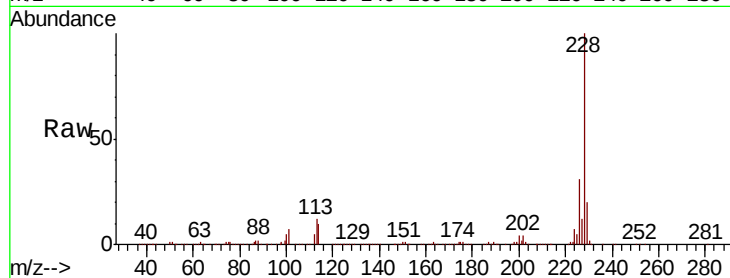
Tot Ion:228 Resp: 1311166

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

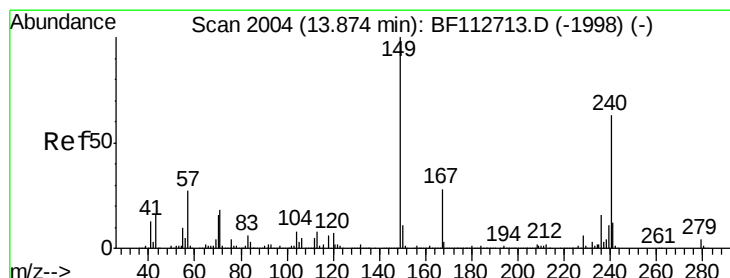
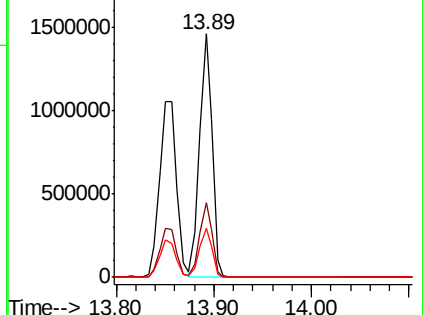
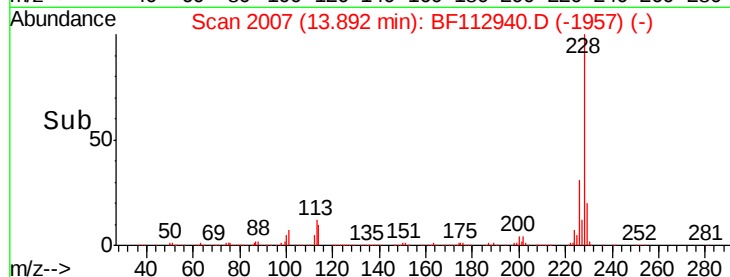
229 20.4 16.3 24.5



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: 38.968 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

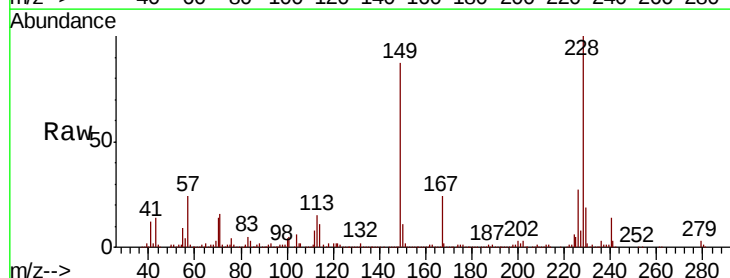
Tgt Ion:149 Resp: 856444

Ion Ratio Lower Upper

149 100

167 27.7 22.4 33.6

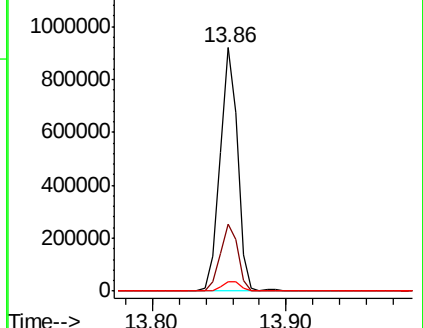
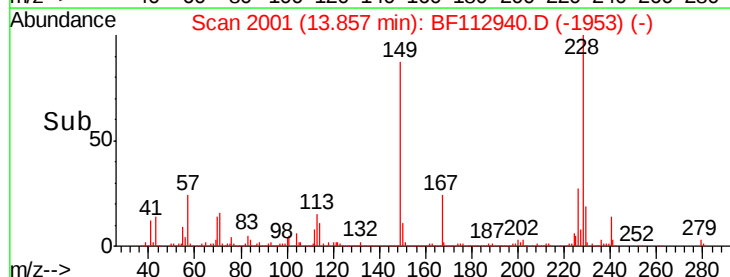
279 3.9 3.3 4.9

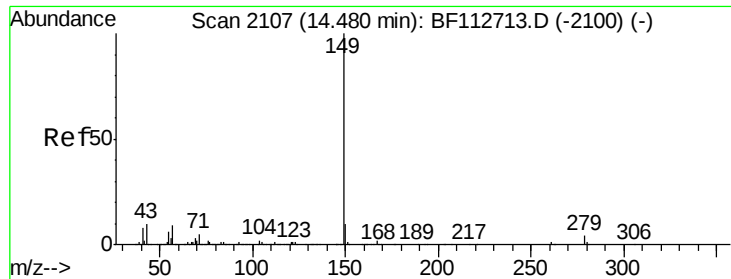


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.567 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

Instrument :

BNA_F

ClientSampleId :

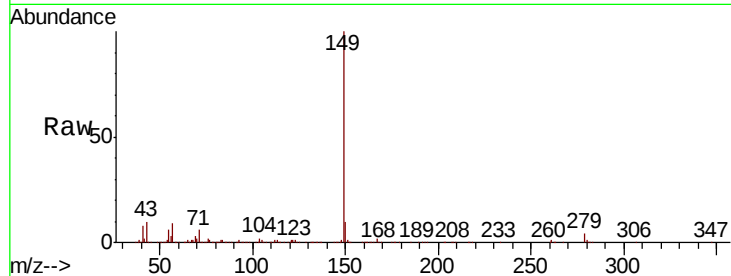
Tot Ion:149 Resp: 1606428

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

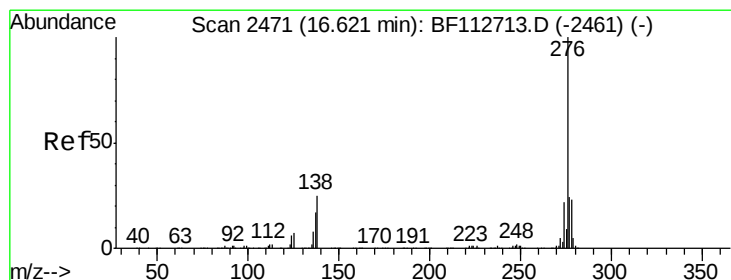
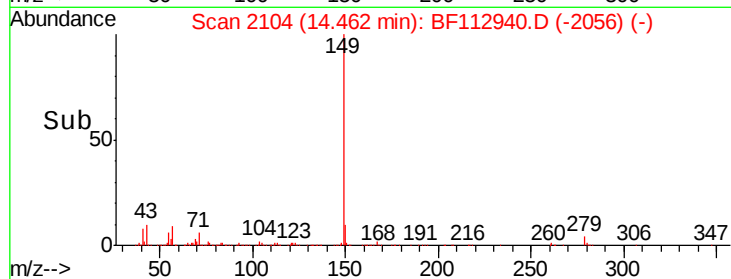
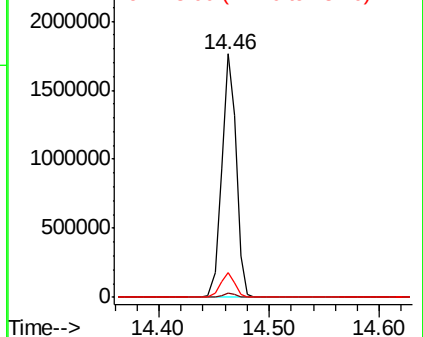
43 9.7 9.0 13.4



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: 44.765 ng

RT: 16.63 min Scan# 2472

Delta R.T. 0.01 min

Lab File: BF112940.D

Acq: 8 Mar 2019 13:23

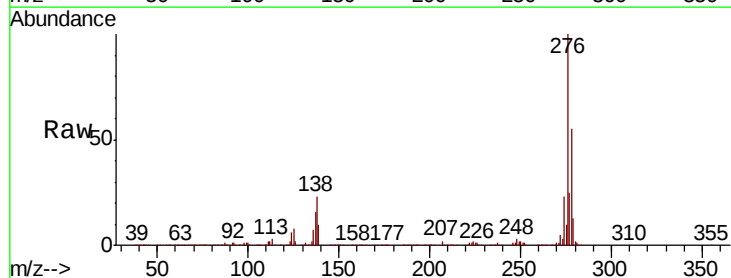
Tgt Ion:276 Resp: 1304594

Ion Ratio Lower Upper

276 100

138 24.6 23.2 34.8

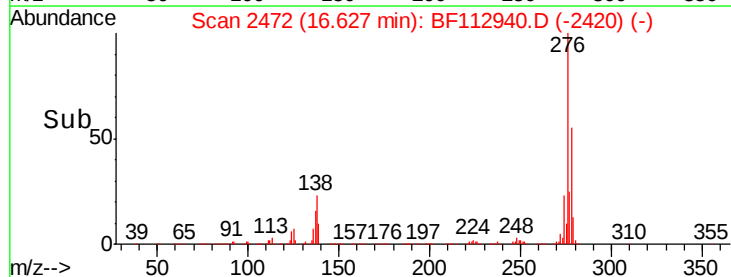
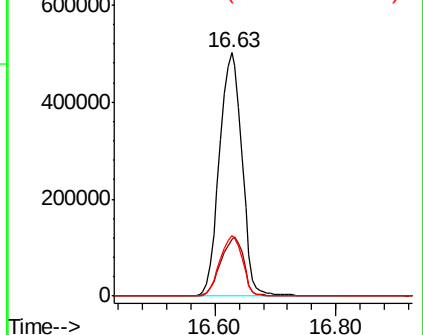
277 25.0 19.9 29.9

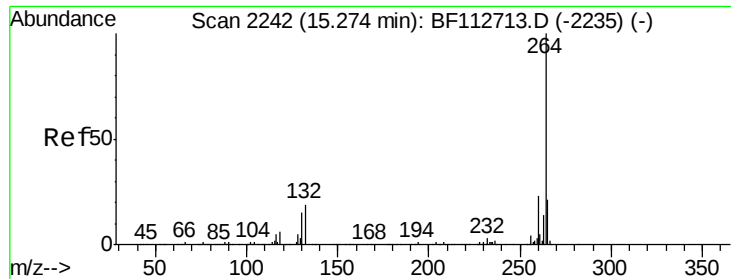


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

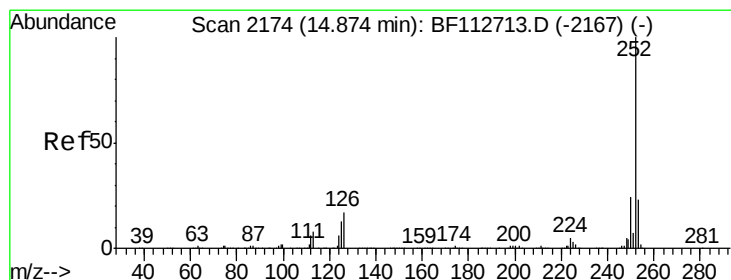
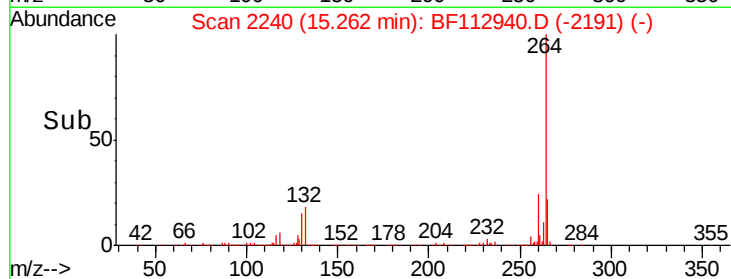
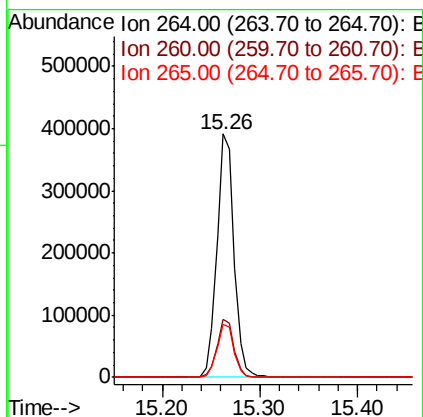
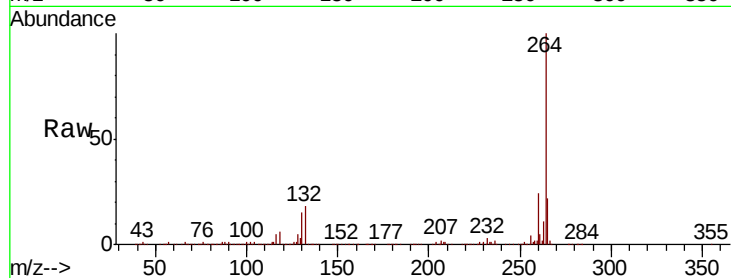




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

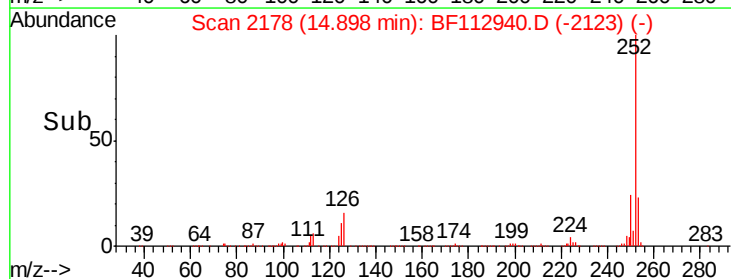
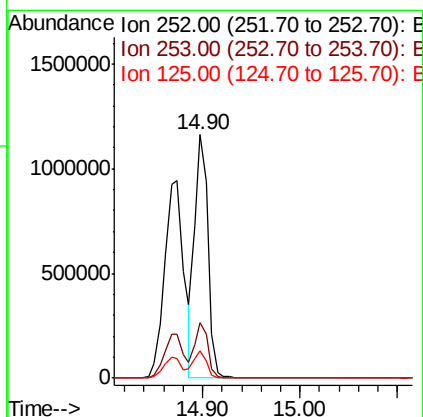
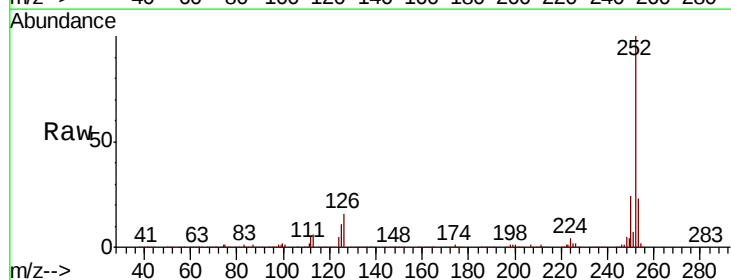
Instrument :
BNA_F
ClientSampled :

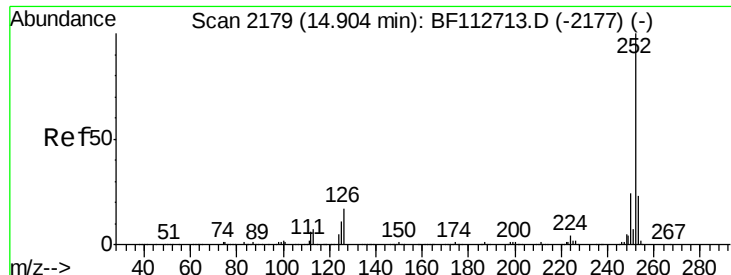
Tot Ion:264 Resp: 475945
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.7 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 35.534 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.02 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Tgt Ion:252 Resp: 1093940
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 11.0 10.2 15.2

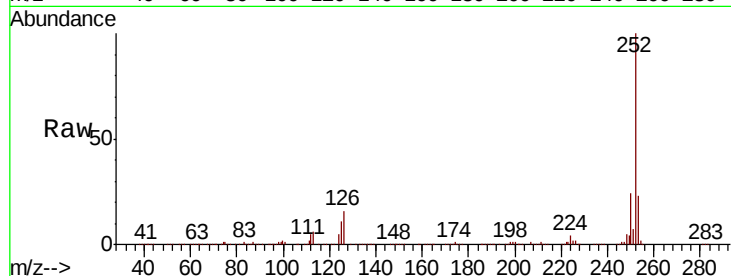




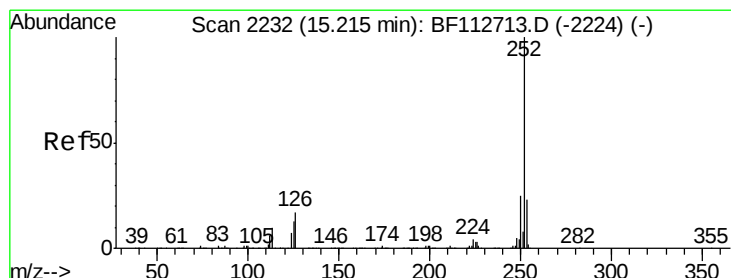
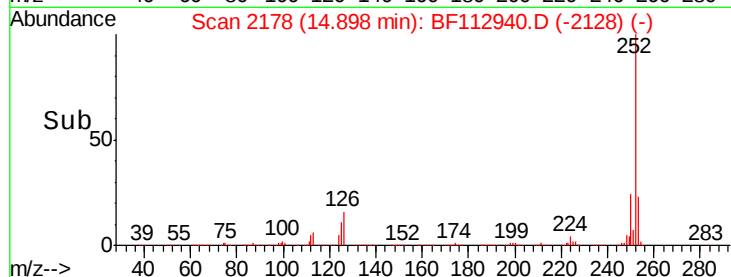
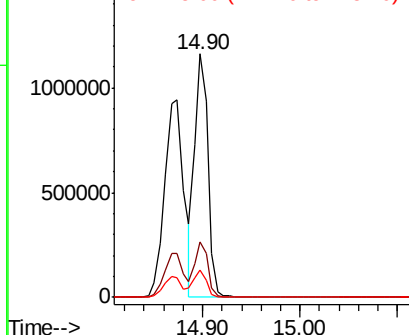
#89
Benzo(k)fluoranthene
Concen: 39.230 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1093940
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 11.0 9.8 14.6

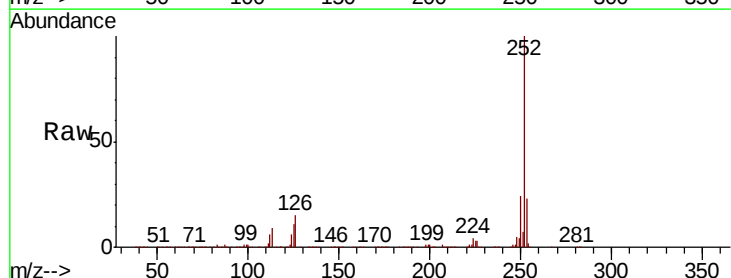


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

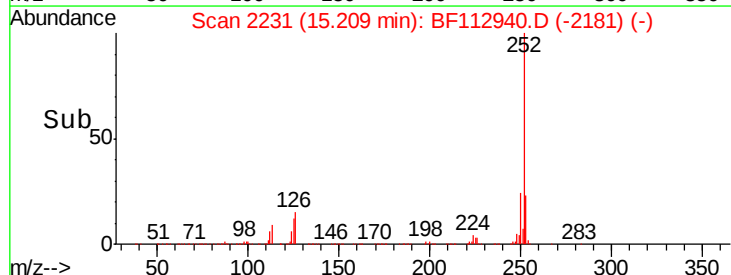
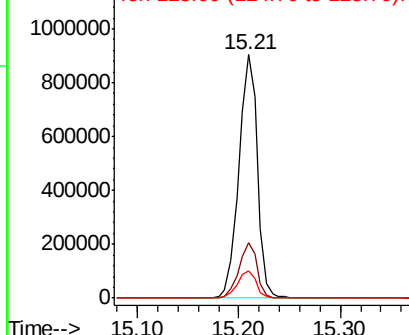


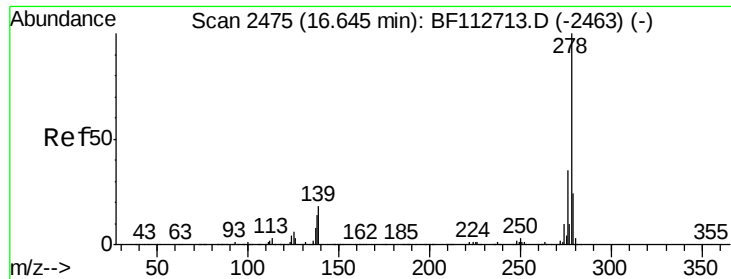
#90
Benzo(a)pyrene
Concen: 42.245 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Tgt Ion:252 Resp: 1150336
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 11.5 10.7 16.1



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

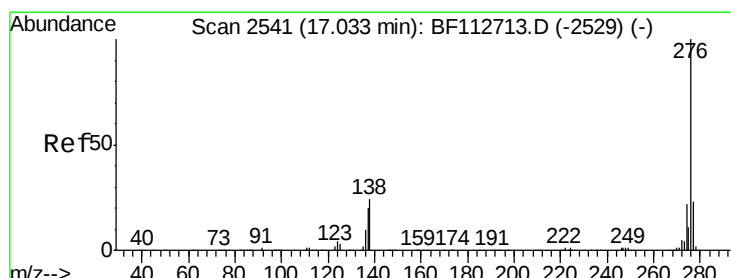
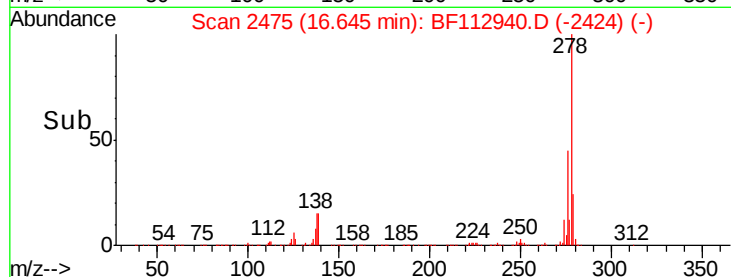
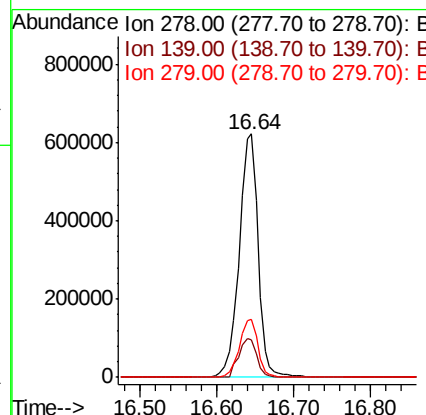
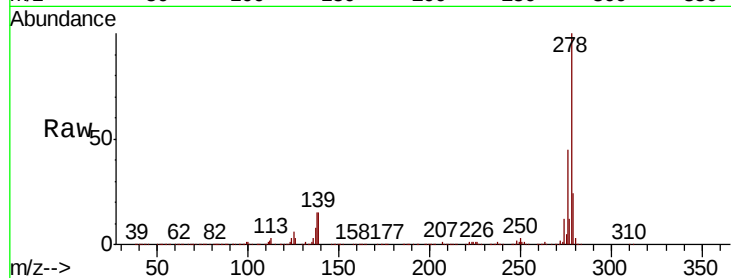




#91
Dibenzo(a,h)anthracene
Concen: 46.252 ng
RT: 16.64 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1074707
Ion Ratio Lower Upper
278 100
139 15.4 14.3 21.5
279 24.1 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 49.177 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.00 min
Lab File: BF112940.D
Acq: 8 Mar 2019 13:23

Tgt Ion:276 Resp: 1147416
Ion Ratio Lower Upper
276 100
277 23.0 18.6 27.8
138 22.4 19.4 29.0

