

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF113030.D
 Acq On : 13 Mar 2019 10:46
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 12:28:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	181953	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	704064	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	291309	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	522276	20.00	ng	0.00
76) Chrysene-d12	13.87	240	477450	20.00	ng	0.00
87) Perylene-d12	15.27	264	408830	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	881265	75.34	ng	0.00
7) Phenol-d6	6.37	99	1074504	73.13	ng	0.00
23) Nitrobenzene-d5	7.30	82	996738	84.71	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	261985	84.71	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1610062	94.28	ng	0.00
79) Terphenyl-d14	12.82	244	1604256	65.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	201201	34.315	ng	97
3) Pyridine	3.09	79	523865	33.396	ng	97
4) n-Nitrosodimethylamine	3.02	42	202808	29.555	ng	97
6) Aniline	6.39	93	681407	33.691	ng	# 46
8) 2-Chlorophenol	6.52	128	495945	38.088	ng	94
9) Benzaldehyde	6.27	77	325247	30.721	ng	99
10) Phenol	6.39	94	607692	35.442	ng	# 71
11) bis(2-Chloroethyl)ether	6.47	93	475016	36.094	ng	98
12) 1,3-Dichlorobenzene	6.67	146	526444	39.138	ng	98
13) 1,4-Dichlorobenzene	6.75	146	521866	38.687	ng	98
14) 1,2-Dichlorobenzene	6.90	146	476489	38.532	ng	99
15) Benzyl Alcohol	6.88	79	393883	35.155	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	804874	36.647	ng	96
17) 2-Methylphenol	7.00	107	401839	38.041	ng	97
18) Hexachloroethane	7.25	117	197931	38.305	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	332085	35.685	ng	99
20) 3+4-Methylphenols	7.15	107	454334	38.097	ng	# 83
22) Acetophenone	7.15	105	678996	41.244	ng	# 94
24) Nitrobenzene	7.32	77	522571	39.904	ng	99
25) Isophorone	7.56	82	929968	36.687	ng	98
26) 2-Nitrophenol	7.63	139	269397	49.417	ng	99
27) 2,4-Dimethylphenol	7.67	122	386694	38.128	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	614071	38.747	ng	99
29) 2,4-Dichlorophenol	7.87	162	407703	41.454	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	433563	41.027	ng	99
31) Naphthalene	8.04	128	1343516	38.435	ng	100
32) Benzoic acid	7.79	122	283326	39.858	ng	92
33) 4-Chloroaniline	8.09	127	572547	38.672	ng	100
34) Hexachlorobutadiene	8.16	225	267988	44.965	ng	99
35) Caprolactam	8.46	113	125651	36.273	ng	95
36) 4-Chloro-3-methylphenol	8.57	107	400340	36.781	ng	96
37) 2-Methylnaphthalene	8.73	142	863731	38.263	ng	99
38) 1-Methylnaphthalene	8.83	142	813931	37.222	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	402124	47.337	ng	98

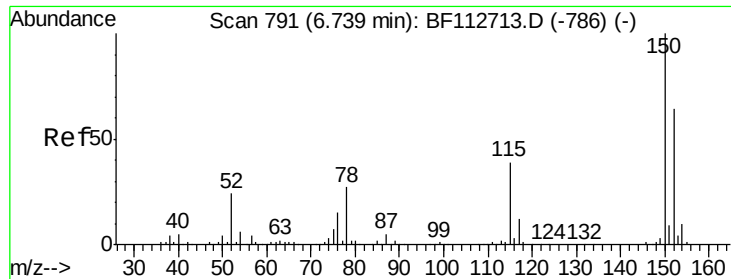
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF113030.D
 Acq On : 13 Mar 2019 10:46
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 12:28:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	83708	17.995	ng	99
43) 2,4,6-Trichlorophenol	9.01	196	256341	43.846	ng	99
44) 2,4,5-Trichlorophenol	9.05	196	275798	43.644	ng	97
46) 1,1'-Biphenyl	9.19	154	1036887	43.639	ng	99
47) 2-Chloronaphthalene	9.22	162	767697	41.378	ng	98
48) 2-Nitroaniline	9.31	65	237513	42.117	ng	87
49) Acenaphthylene	9.63	152	1220408	38.747	ng	99
50) Dimethylphthalate	9.49	163	913786	42.542	ng	99
51) 2,6-Dinitrotoluene	9.55	165	196053	43.831	ng #	79
52) Acenaphthene	9.80	154	676611	36.734	ng	98
53) 3-Nitroaniline	9.72	138	217092	39.831	ng	96
54) 2,4-Dinitrophenol	9.82	184	35481	24.281	ng	90
55) Dibenzofuran	9.97	168	998334	37.292	ng	97
56) 4-Nitrophenol	9.88	139	147394	33.275	ng	94
57) 2,4-Dinitrotoluene	9.95	165	234637	42.201	ng #	85
58) Fluorene	10.31	166	723170	38.061	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	208218	39.549	ng	94
60) Diethylphthalate	10.19	149	847823	37.372	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	370502	41.911	ng	95
62) 4-Nitroaniline	10.32	138	202248	40.157	ng	96
63) Azobenzene	10.46	77	799277	34.398	ng	95
65) 4,6-Dinitro-2-methylphenol	10.36	198	59381	29.625	ng	87
66) n-Nitrosodiphenylamine	10.42	169	661865	39.515	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	233008	42.356	ng	92
68) Hexachlorobenzene	10.86	284	259854	41.904	ng #	88
69) Atrazine	10.94	200	204843	39.931	ng	98
70) Pentachlorophenol	11.05	266	149990	41.095	ng	98
71) Phenanthrene	11.27	178	1048691	40.357	ng	99
72) Anthracene	11.32	178	1080443	39.721	ng	100
73) Carbazole	11.47	167	1039933	39.191	ng	99
74) Di-n-butylphthalate	11.81	149	1276806	40.130	ng	100
75) Fluoranthene	12.45	202	1220596	43.843	ng	96
77) Benzdine	12.57	184	632189	25.521	ng	99
78) Pyrene	12.67	202	1258800	31.274	ng	100
80) Butylbenzylphthalate	13.30	149	576985	32.476	ng	89
81) Benzo(a)anthracene	13.86	228	1112446	33.618	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	465458	37.192	ng	99
83) Chrysene	13.90	228	1106961	34.152	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	735314	35.285	ng	100
85) Di-n-octyl phthalate	14.46	149	1504588	42.046	ng	97
86) Indeno(1,2,3-cd)pyrene	16.64	276	907110	32.827	ng	95
88) Benzo(b)fluoranthene	14.90	252	916068	34.641	ng	98
89) Benzo(k)fluoranthene	14.90	252	916068	38.244	ng	98
90) Benzo(a)pyrene	15.22	252	852852	36.462	ng	98
91) Dibenzo(a,h)anthracene	16.65	278	758150	37.985	ng	97
92) Benzo(g,h,i)perylene	17.04	276	722738	36.061	ng	96

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

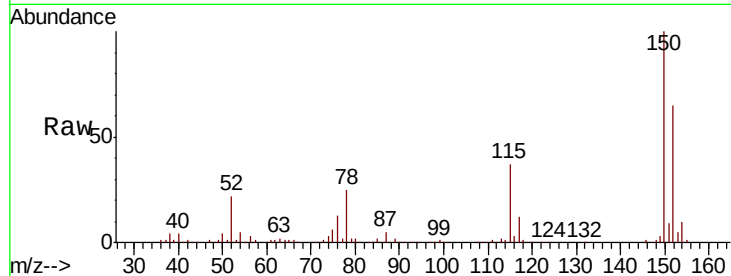


#1

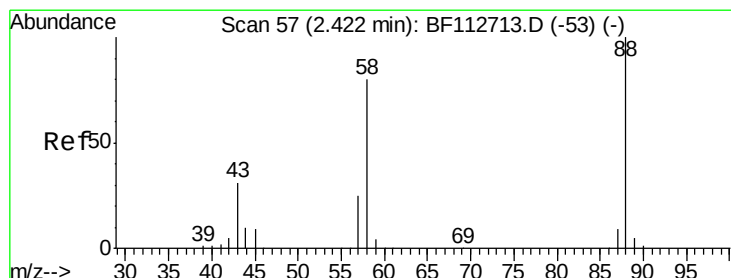
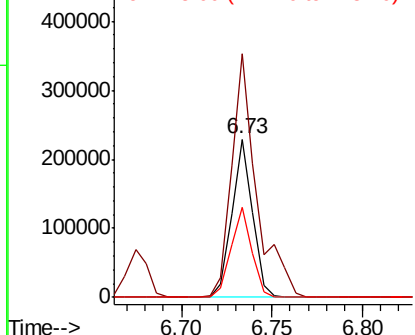
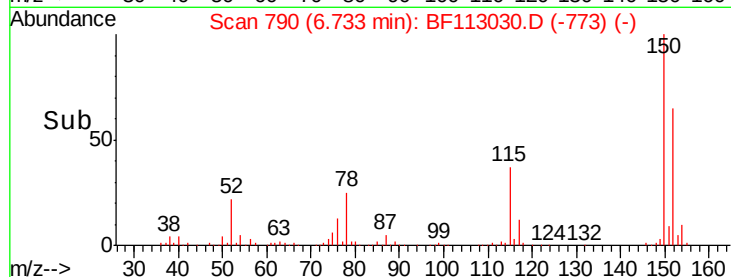
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 181953
Ion Ratio Lower Upper
152 100
150 153.9 124.2 186.2
115 57.1 48.2 72.4



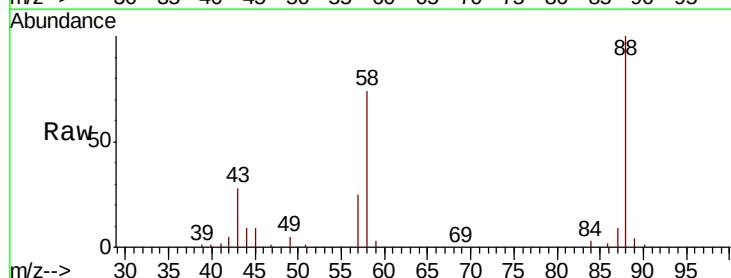
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



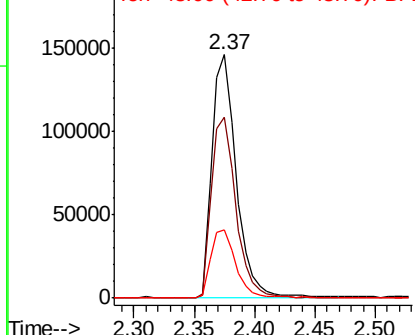
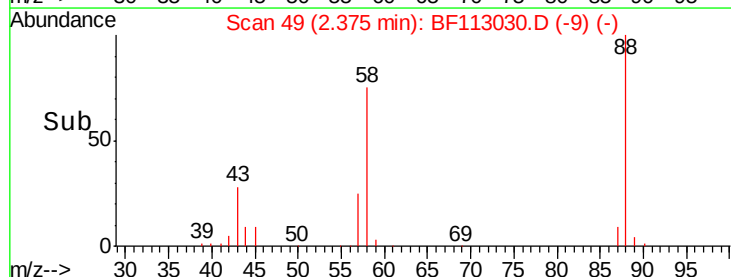
#2

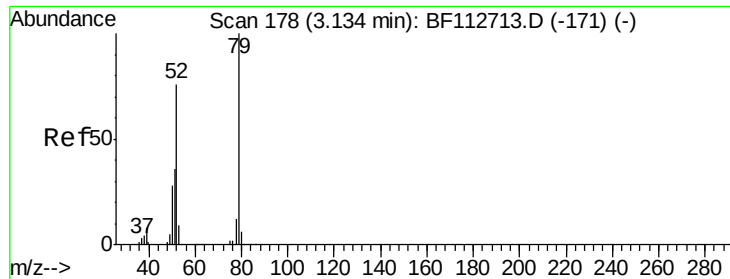
1,4-Dioxane
Concen: 34.315 ng
RT: 2.37 min Scan# 49
Delta R.T. -0.06 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion: 88 Resp: 201201
Ion Ratio Lower Upper
88 100
58 75.5 63.1 94.7
43 29.5 24.3 36.5



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





#3

Pvridine

Concen: 33.396 ng

RT: 3.09 min Scan# 170

Delta R.T. -0.06 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

ClientSampleId :

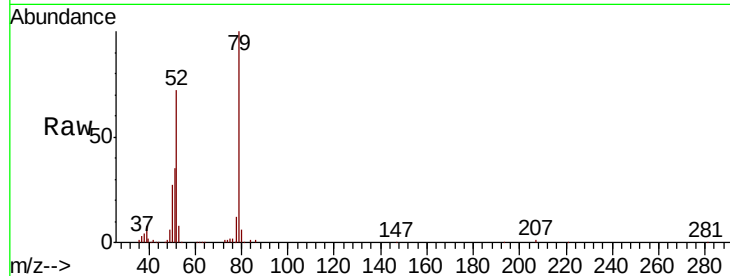
Tot Ion: 79 Resp: 523865

Ion Ratio Lower Upper

79 100

52 72.2 60.5 90.7

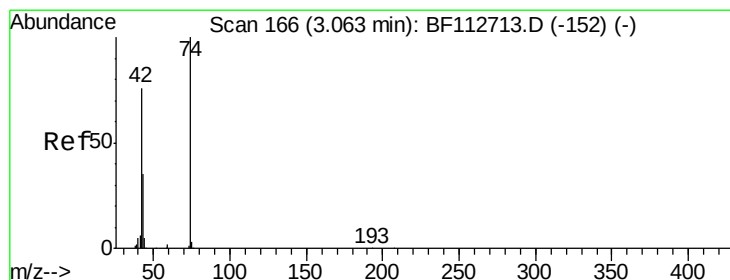
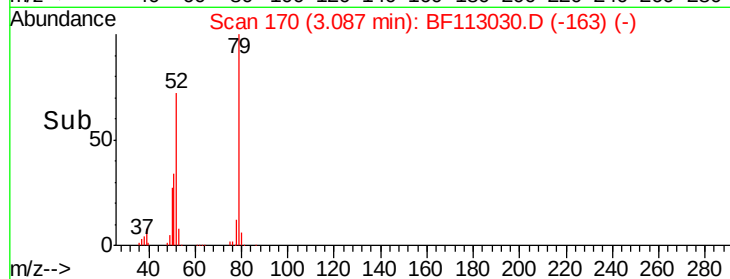
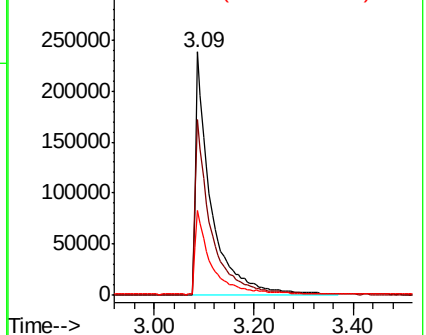
51 34.9 28.8 43.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 29.555 ng

RT: 3.02 min Scan# 159

Delta R.T. -0.06 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

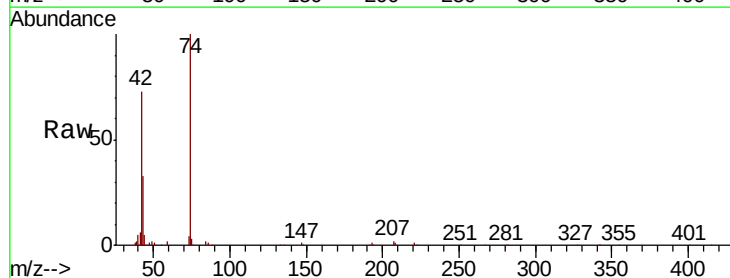
Tgt Ion: 42 Resp: 202808

Ion Ratio Lower Upper

42 100

74 136.1 105.8 158.8

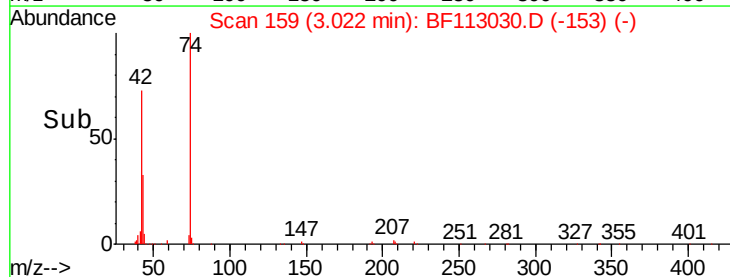
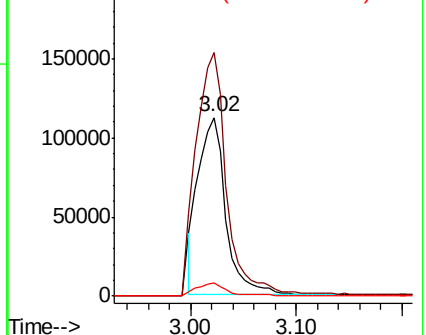
44 7.4 6.2 9.2

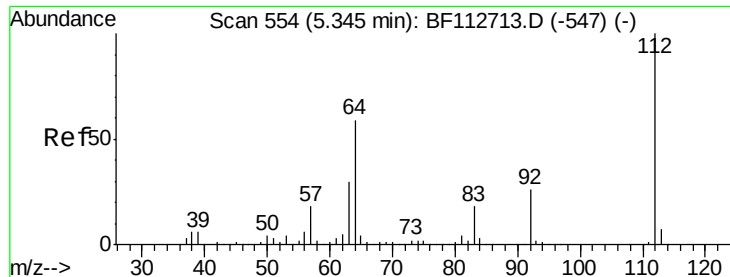


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 75.341 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

ClientSampled :

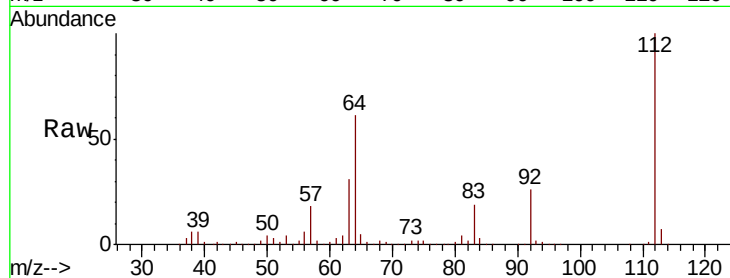
Tot Ion:112 Resp: 881265

Ion Ratio Lower Upper

112 100

64 61.3 47.6 71.4

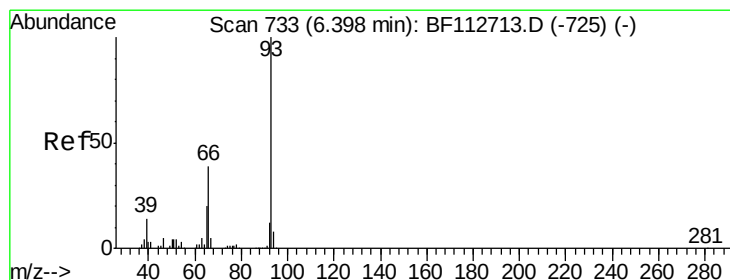
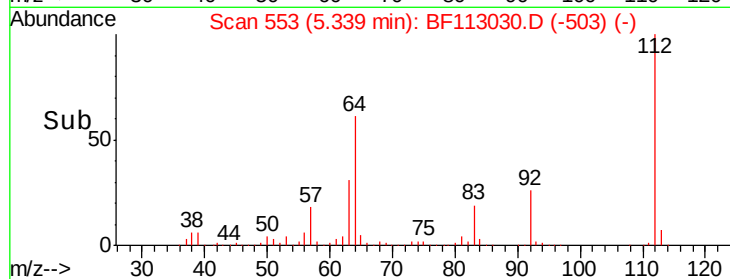
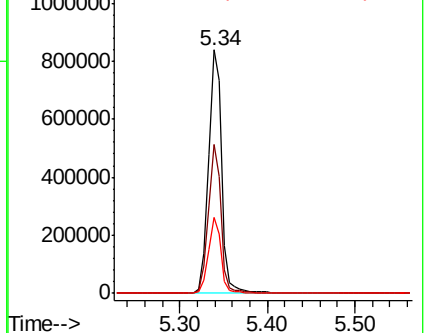
63 31.0 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.691 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

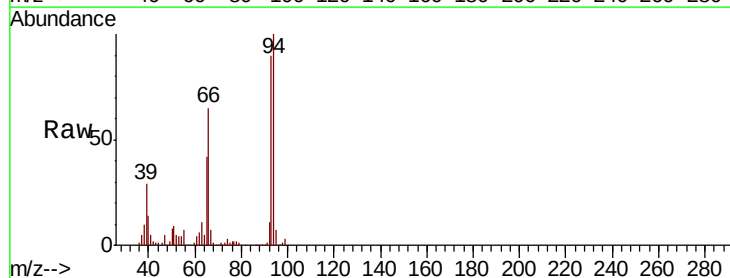
Tgt Ion: 93 Resp: 681407

Ion Ratio Lower Upper

93 100

66 72.8 32.2 48.2#

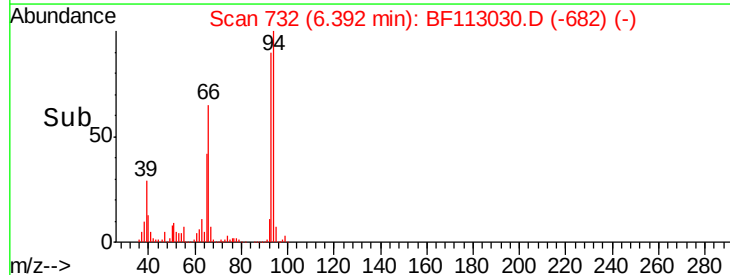
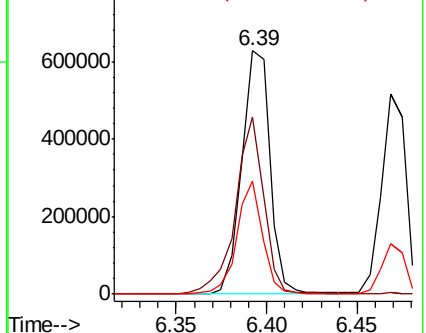
65 46.6 16.2 24.4#

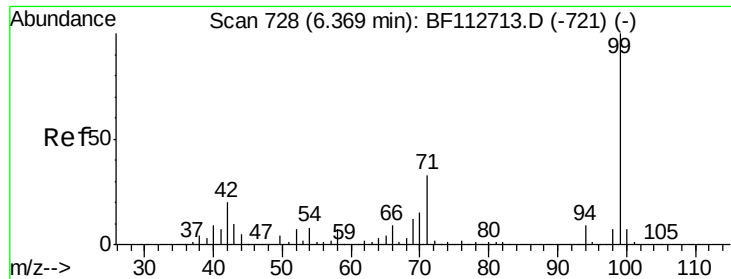


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.128 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

ClientSampleId :

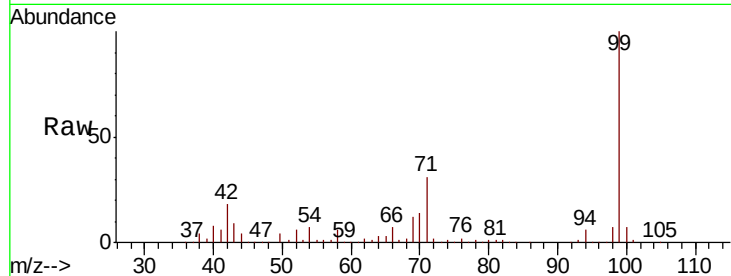
Tot Ion: 99 Resp: 1074504

Ion Ratio Lower Upper

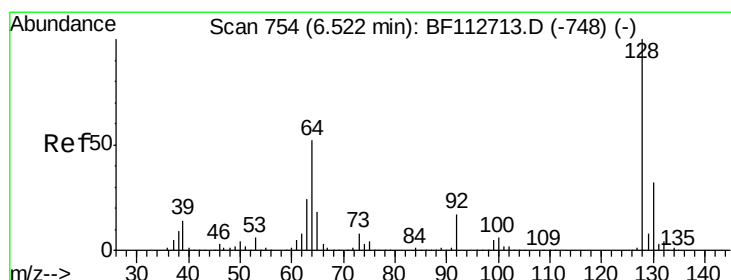
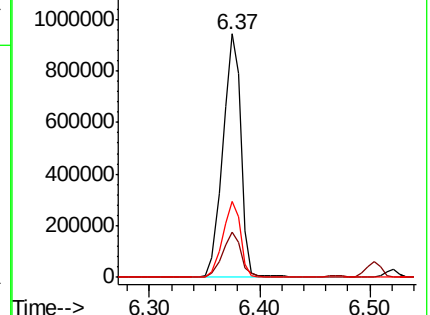
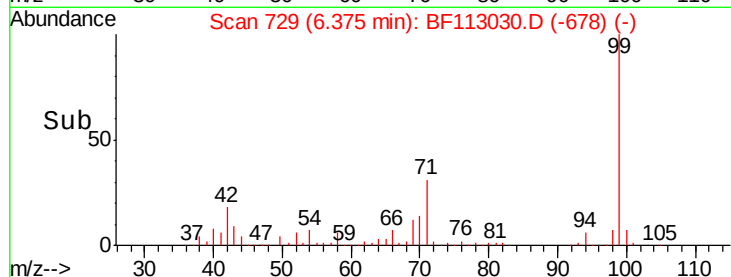
99 100

42 18.4 16.3 24.5

71 31.4 26.2 39.4



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



#8

2-Chlorophenol

Concen: 38.088 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

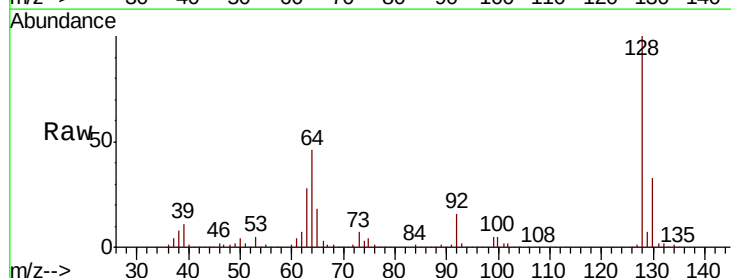
Tgt Ion: 128 Resp: 495945

Ion Ratio Lower Upper

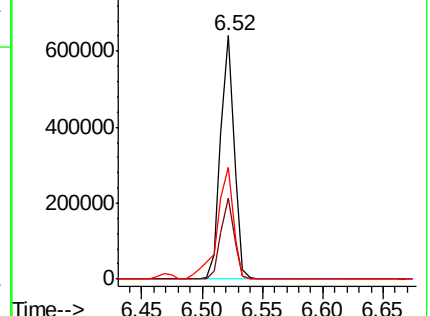
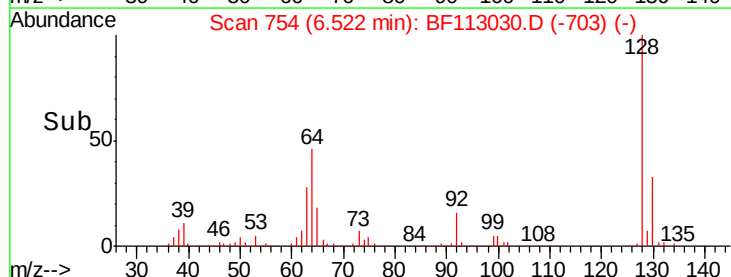
128 100

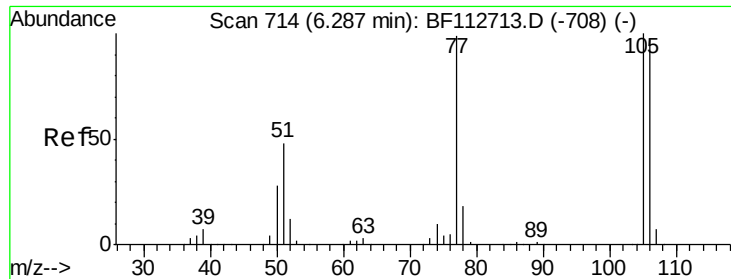
130 33.5 12.4 52.4

64 46.1 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

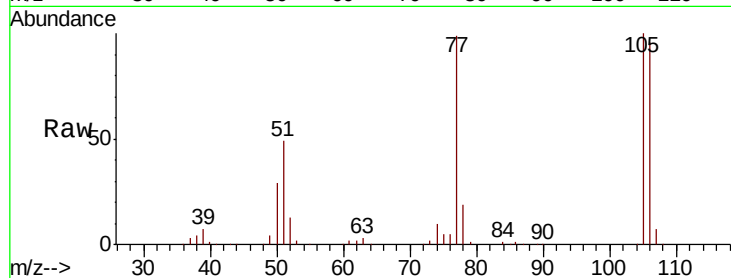




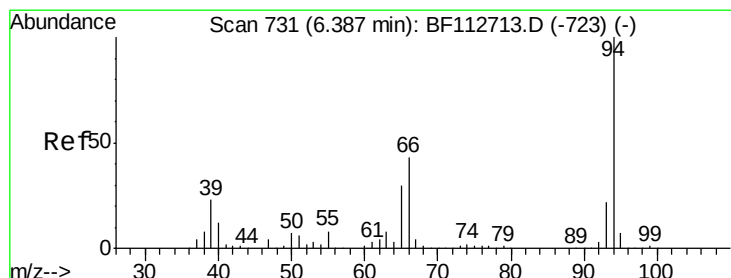
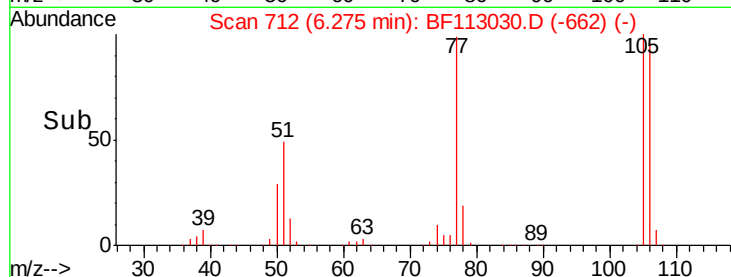
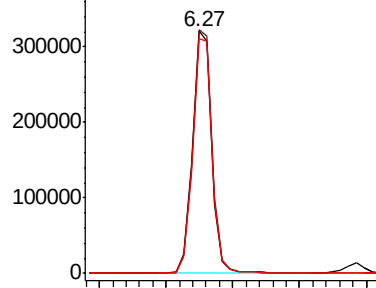
#9
Benzaldehyde
Concen: 30.721 ng
RT: 6.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 325247
Ion Ratio Lower Upper
77 100
105 100.6 81.4 121.4
106 97.0 78.3 118.3

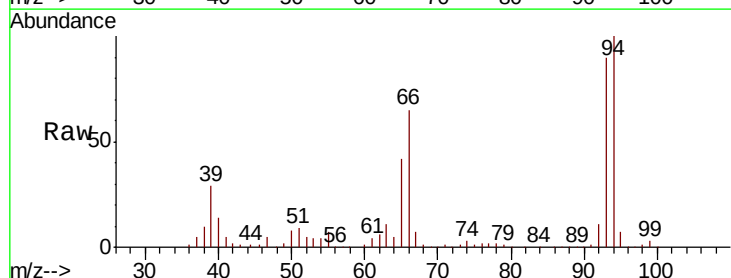


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

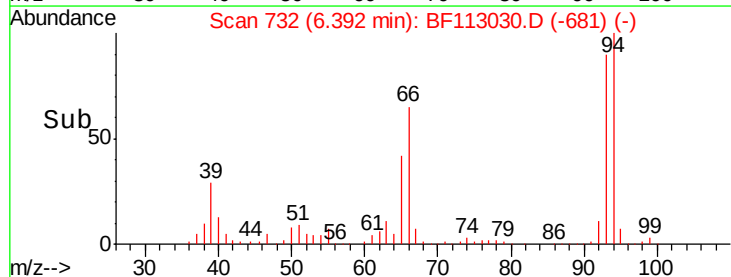
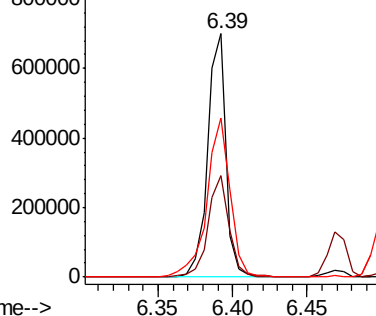


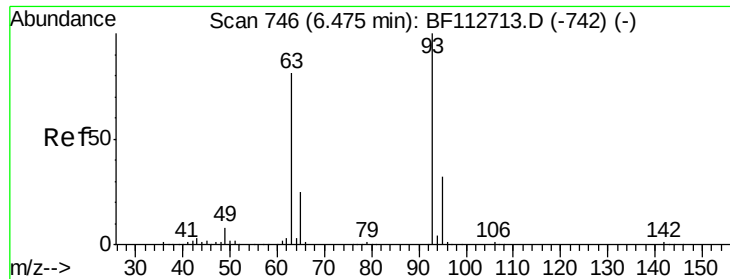
#10
Phenol
Concen: 35.442 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion: 94 Resp: 607692
Ion Ratio Lower Upper
94 100
65 41.8 10.5 50.5
66 65.3 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

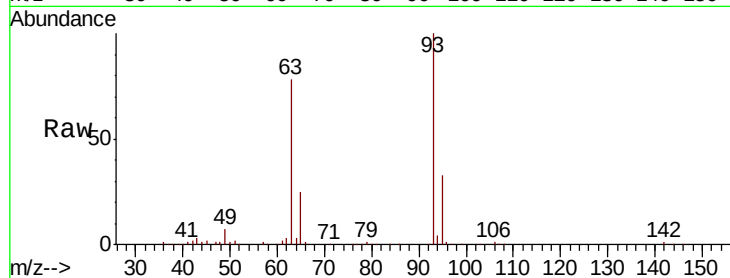




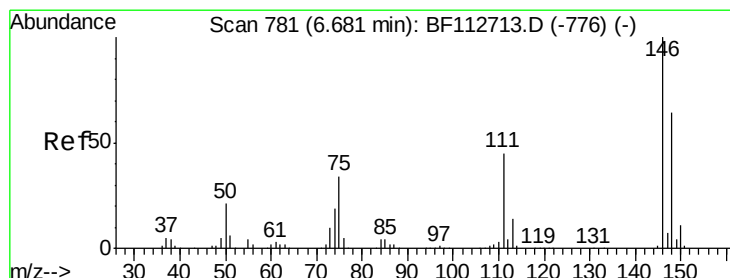
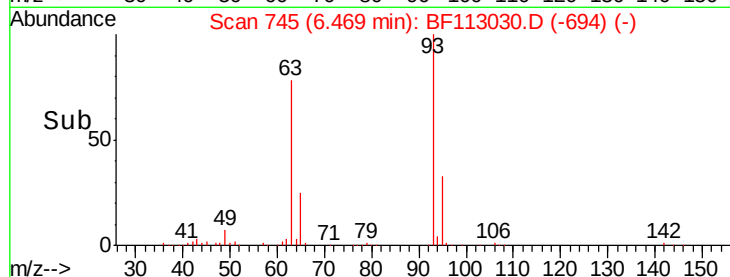
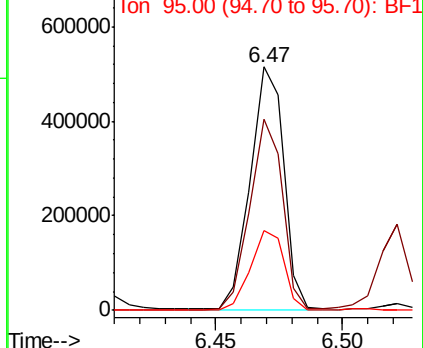
#11
bis(2-Chloroethyl)ether
Concen: 36.094 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 475016
Ion Ratio Lower Upper
93 100
63 78.3 60.5 100.5
95 33.0 12.1 52.1

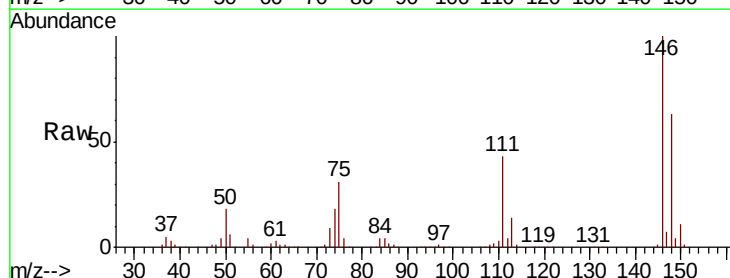


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

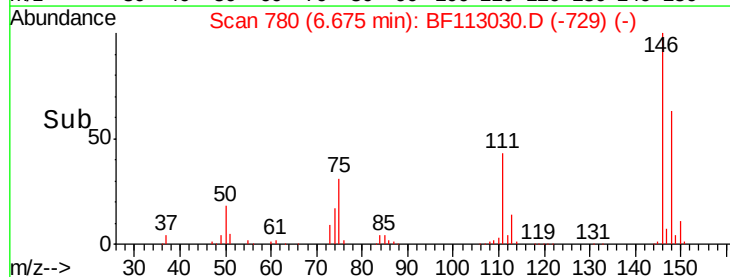
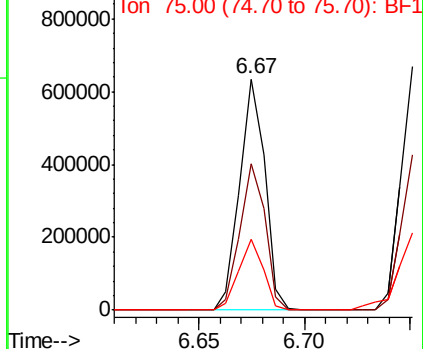


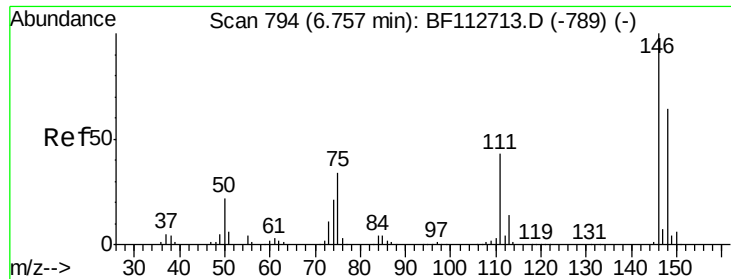
#12
1,3-Dichlorobenzene
Concen: 39.138 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion: 146 Resp: 526444
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
75 30.8 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

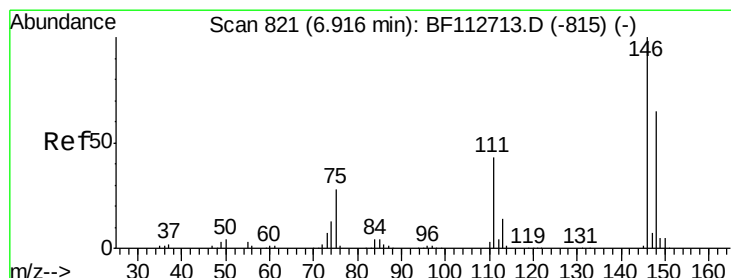
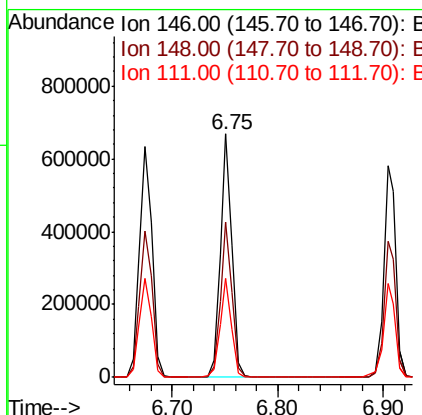
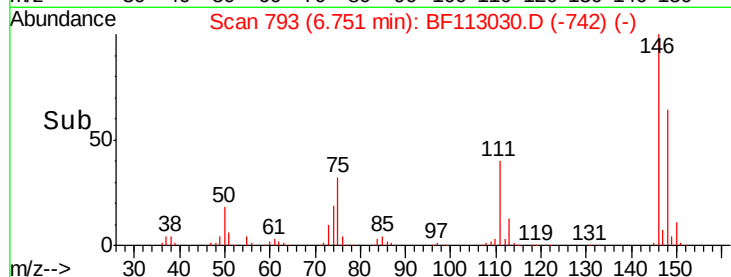
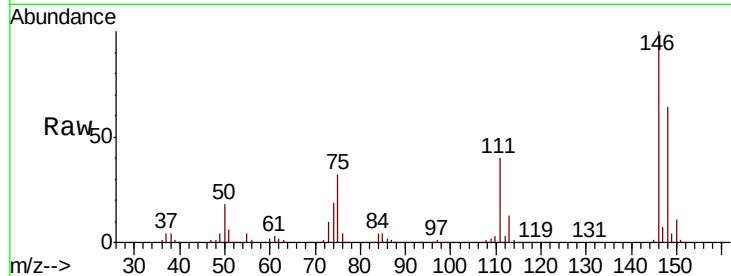




#13
 1,4-Dichlorobenzene
 Concen: 38.687 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

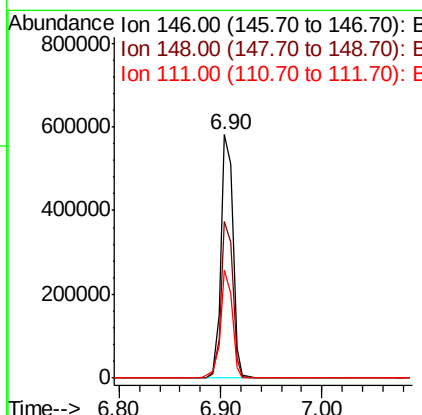
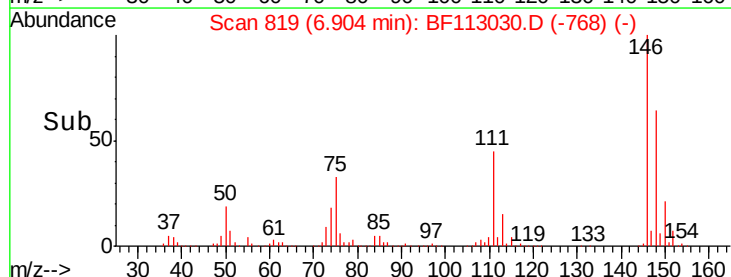
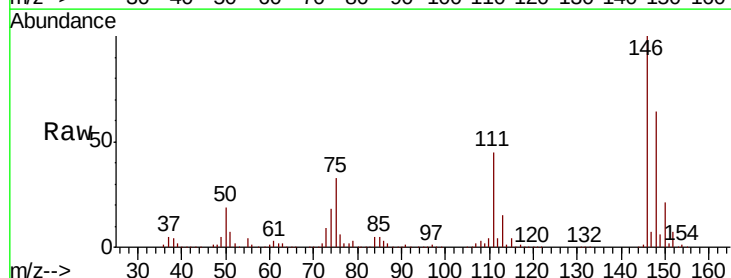
Instrument :
 BNA_F
 ClientSampled :

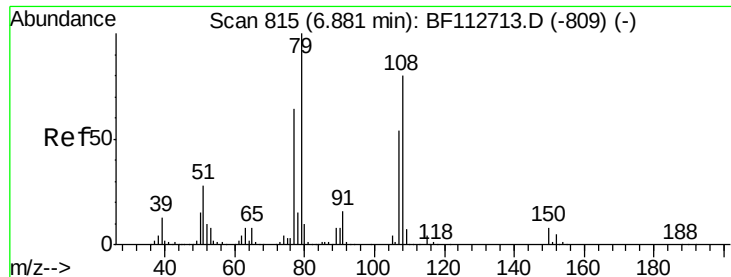
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.4
111	40.5	34.5	51.7



#14
 1,2-Dichlorobenzene
 Concen: 38.532 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.0	78.0
111	44.5	34.8	52.2





#15

Benzyl Alcohol

Concen: 35.155 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampled :

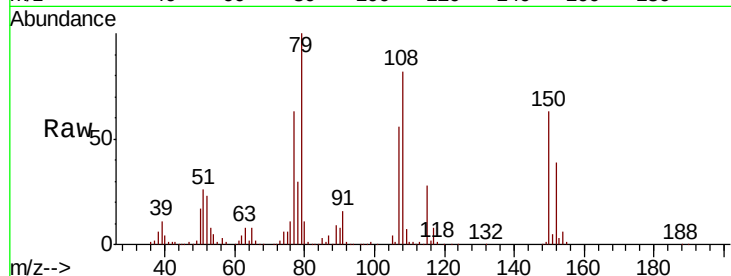
Tot Ion: 79 Resp: 393883

Ion Ratio Lower Upper

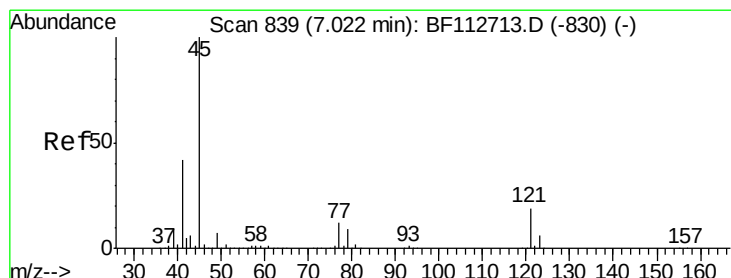
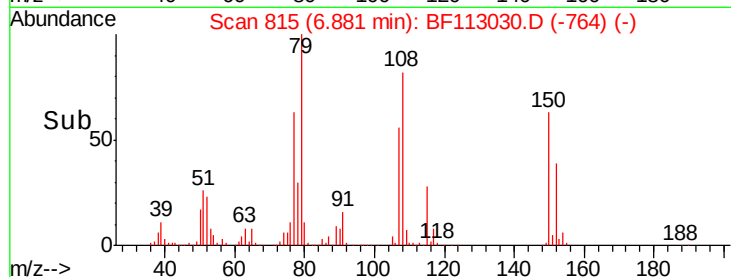
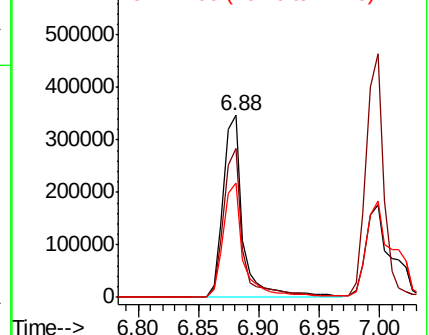
79 100

108 81.7 64.2 96.4

77 62.7 51.1 76.7



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.647 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

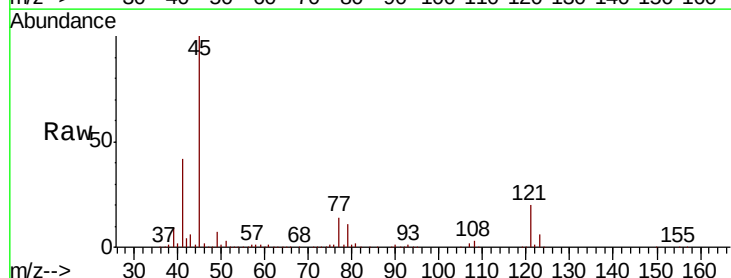
Tgt Ion: 45 Resp: 804874

Ion Ratio Lower Upper

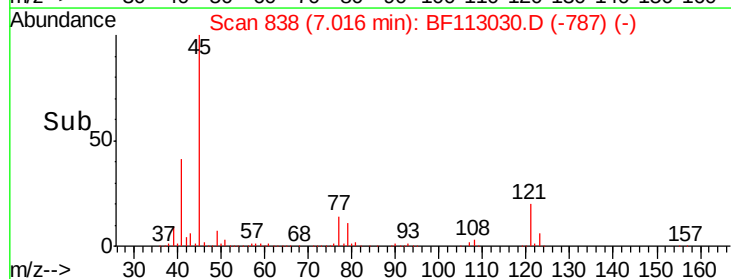
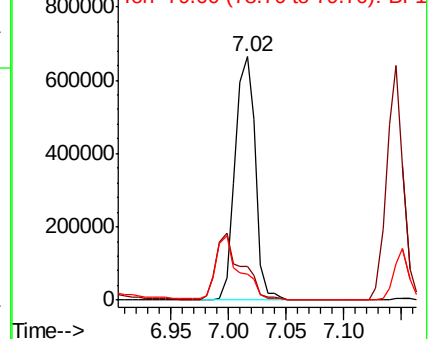
45 100

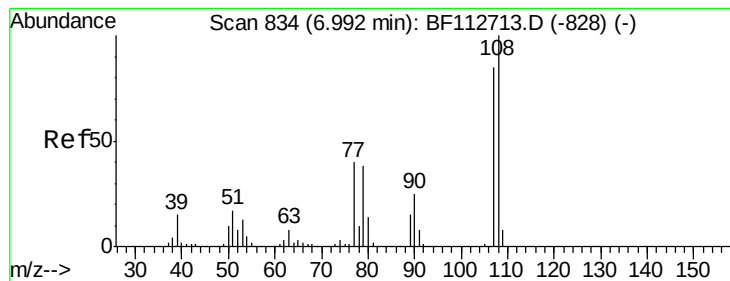
77 13.6 0.0 32.1

79 10.9 0.0 29.4



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

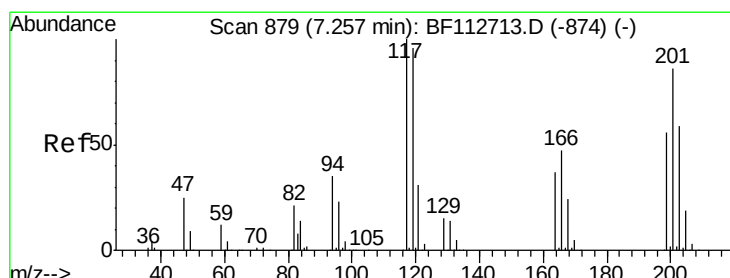
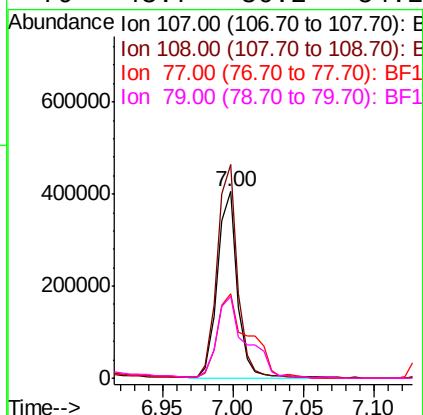
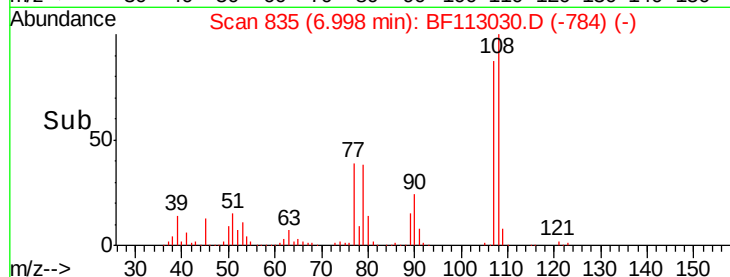
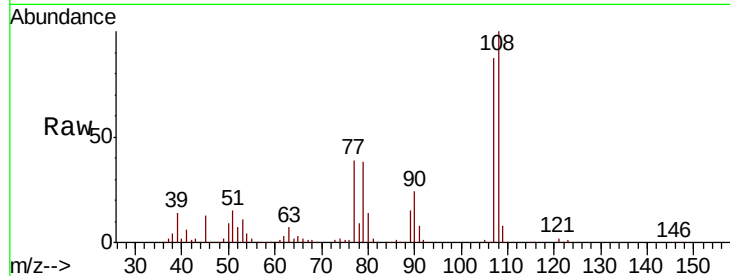




#17
2-Methylphenol
Concen: 38.041 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

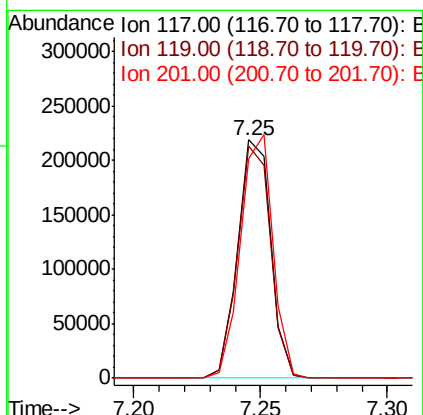
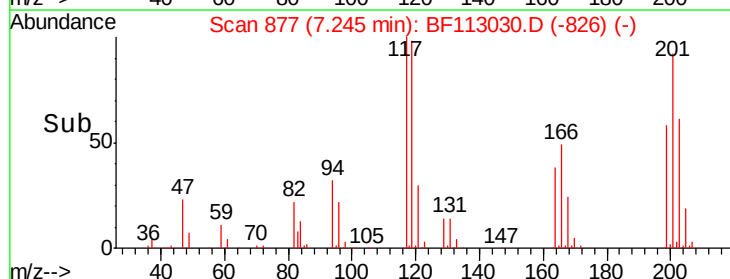
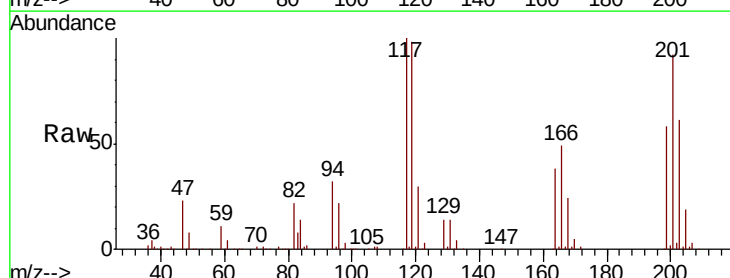
Instrument :
BNA_F
ClientSampleId :

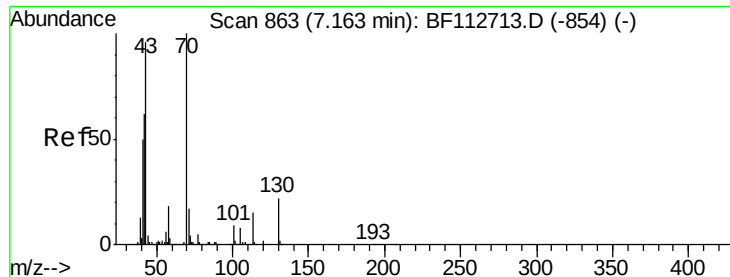
Tot Ion:107 Resp: 401839
Ion Ratio Lower Upper
107 100
108 114.3 94.6 142.0
77 45.1 37.8 56.8
79 43.7 36.2 54.2



#18
Hexachloroethane
Concen: 38.305 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion:117 Resp: 197931
Ion Ratio Lower Upper
117 100
119 97.6 76.6 115.0
201 92.1 68.9 103.3

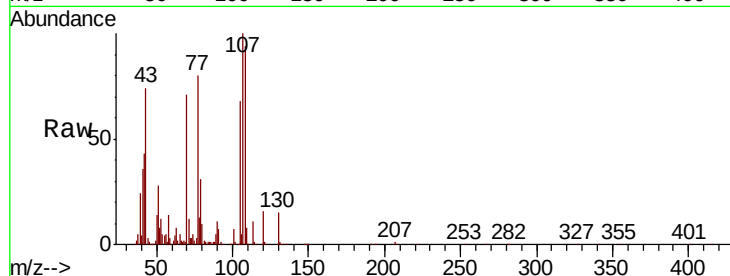




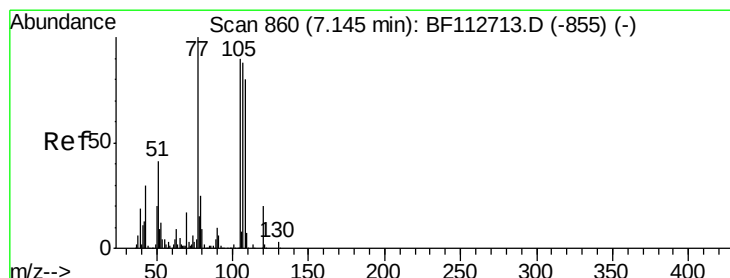
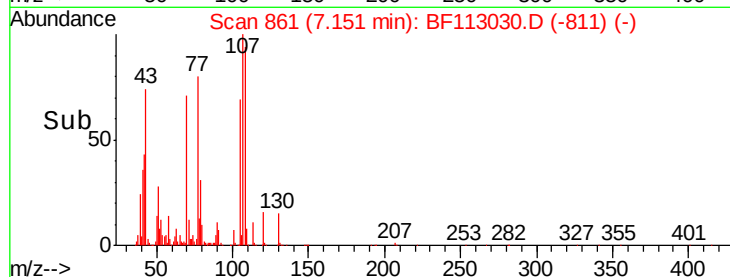
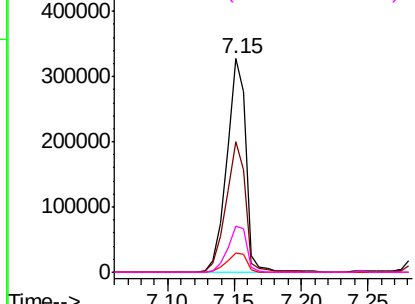
#19
n-Nitroso-di-n-propylamine
Concen: 35.685 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	332085
Ion	Ratio	Lower	Upper
70	100		
42	60.9	49.9	74.9
101	9.2	7.4	11.2
130	21.5	17.4	26.2

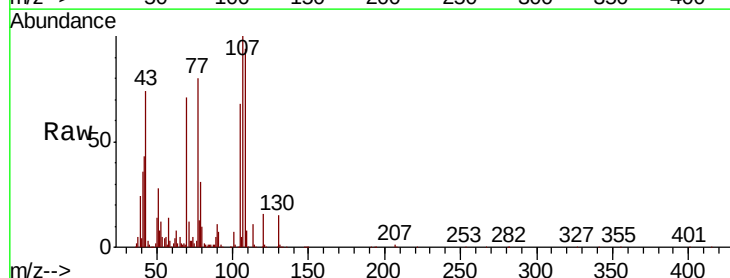


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

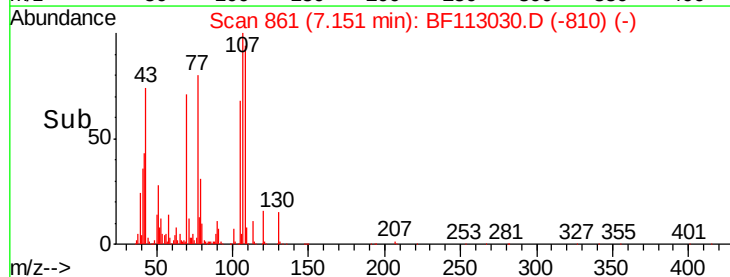
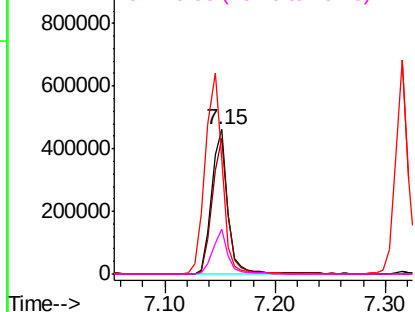


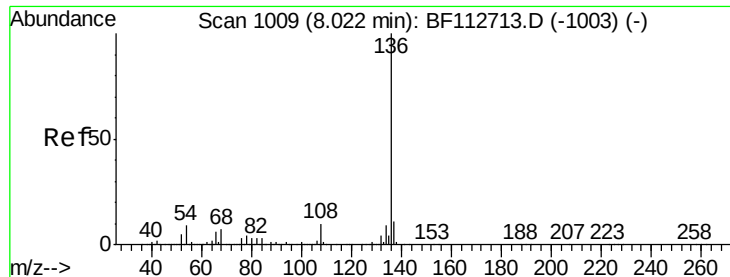
#20
3+4-Methylphenols
Concen: 38.097 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion:	107	Resp:	454334
Ion	Ratio	Lower	Upper
107	100		
108	93.9	71.4	111.4
77	79.8	94.1	134.1#
79	30.7	8.6	48.6



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

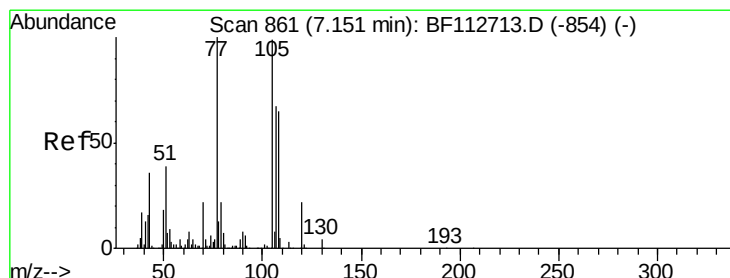
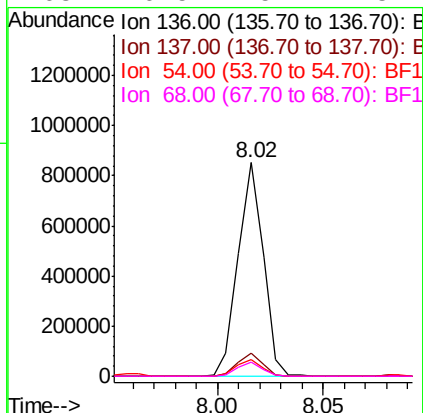
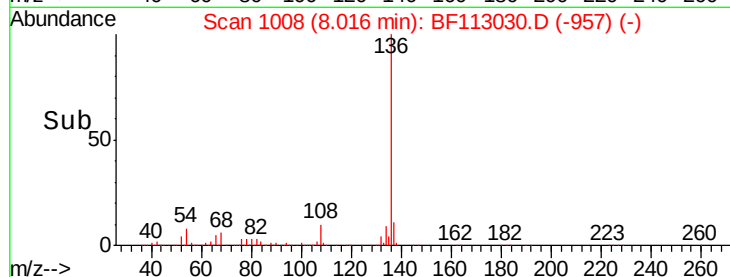
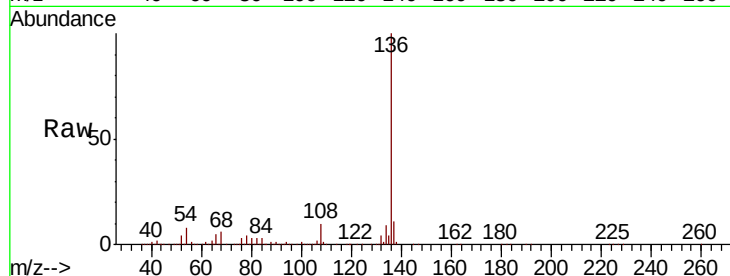




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

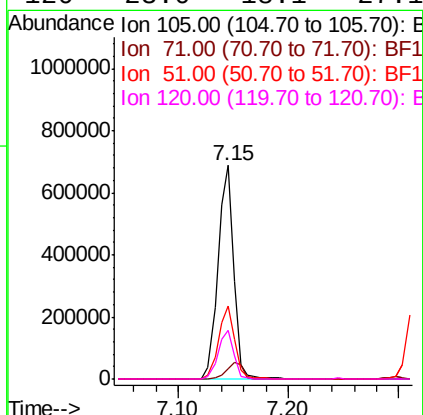
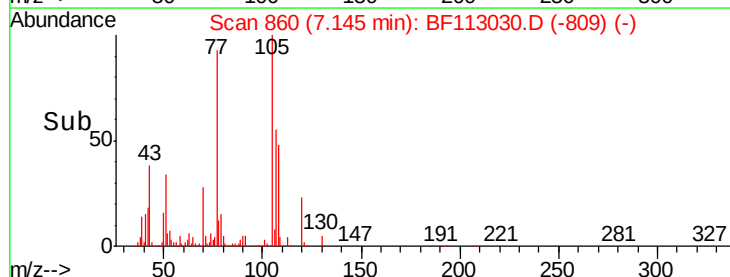
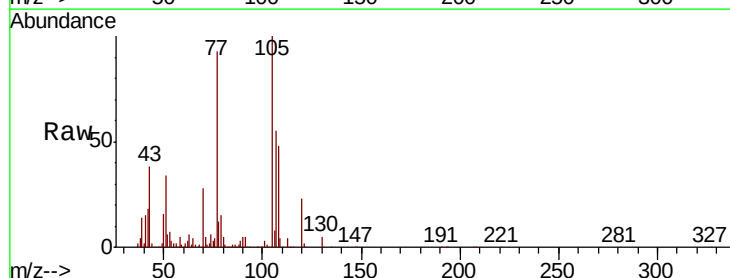
Instrument :
BNA_F
ClientSampleId :

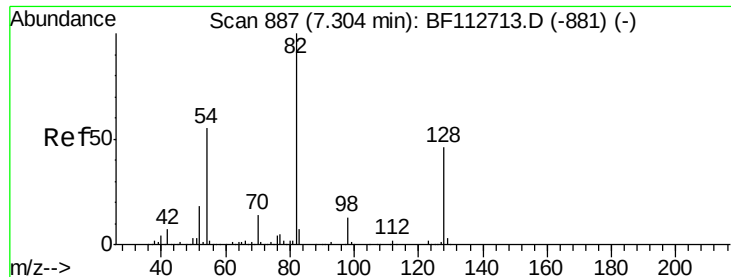
Tot Ion:136	Resp:	704064
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	8.1	7.3 10.9
68	6.5	5.4 8.2



#22
Acetophenone
Concen: 41.244 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion:105	Resp:	678996
Ion Ratio	Lower	Upper
105	100	
71	5.0	3.0 4.4#
51	34.1	31.5 47.3
120	23.0	18.1 27.1

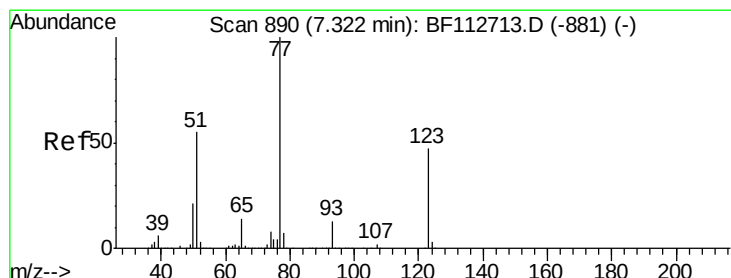
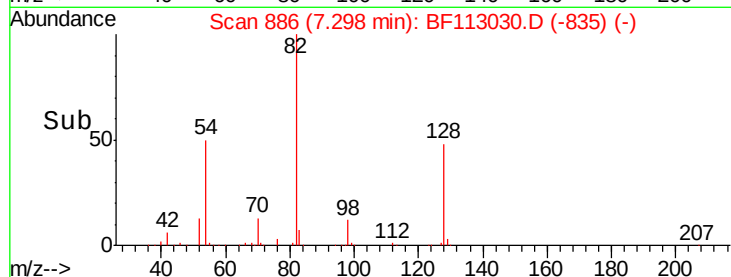
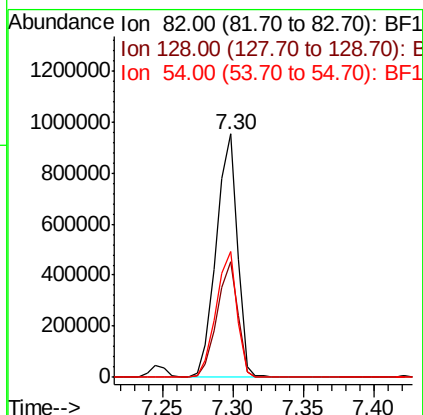
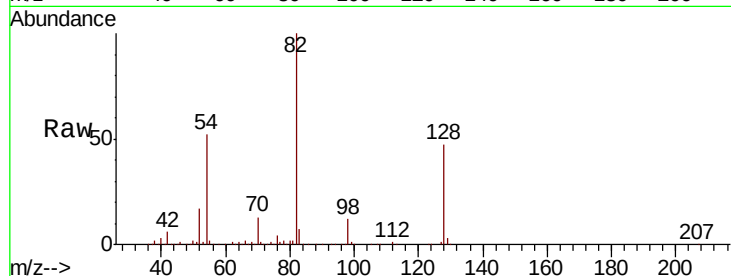




#23
 Nitrobenzene-d5
 Concen: 84.712 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

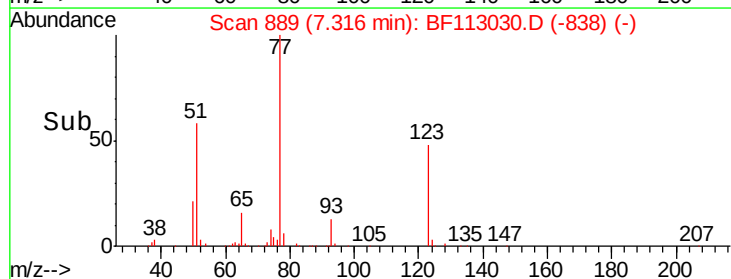
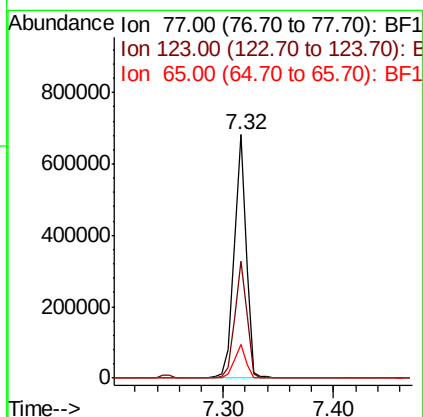
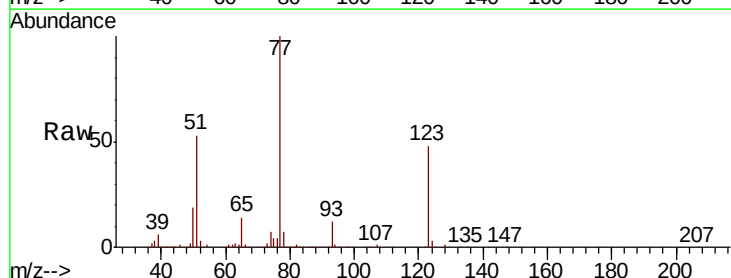
Instrument :
 BNA_F
 ClientSampleId :

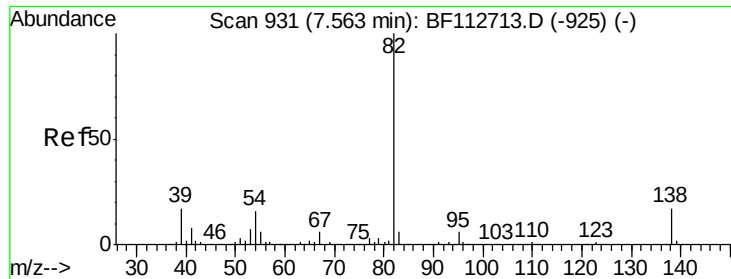
Tot Ion: 82 Resp: 996738
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.3 54.5
 54 51.8 43.7 65.5



#24
 Nitrobenzene
 Concen: 39.904 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

Tgt Ion: 77 Resp: 522571
 Ion Ratio Lower Upper
 77 100
 123 48.1 37.8 56.6
 65 13.7 11.1 16.7

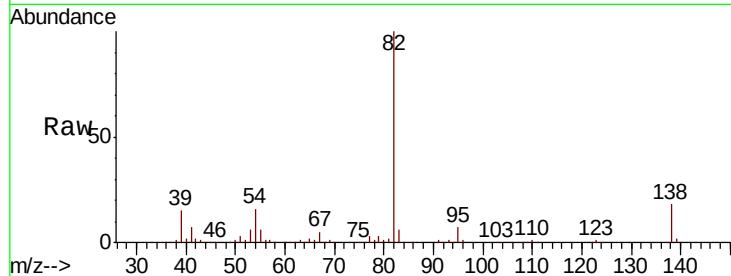




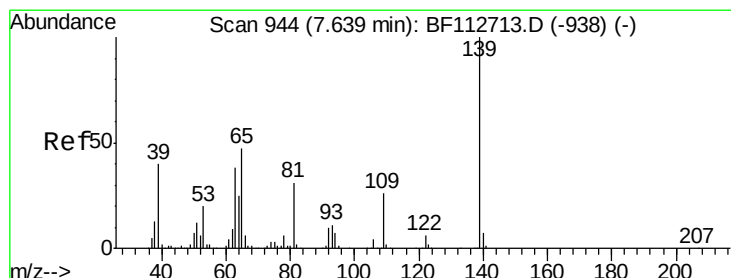
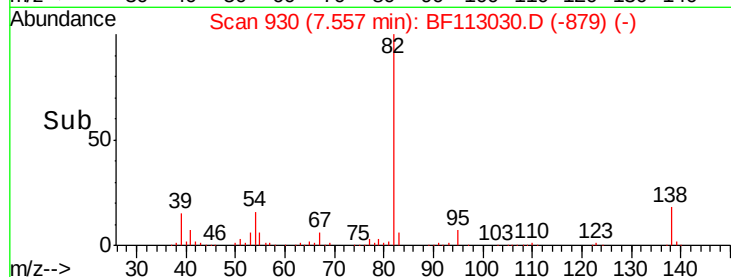
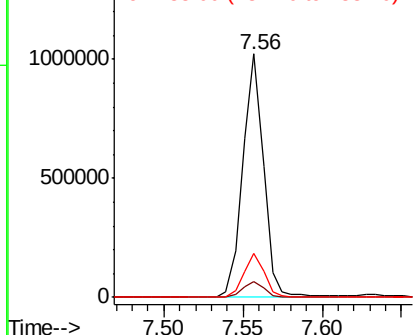
#25
Isophorone
Concen: 36.687 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 929968
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 18.3 13.8 20.8

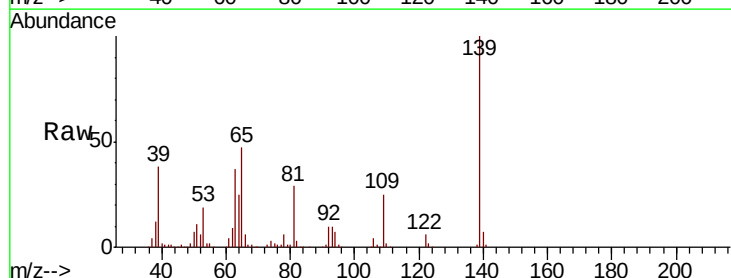


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

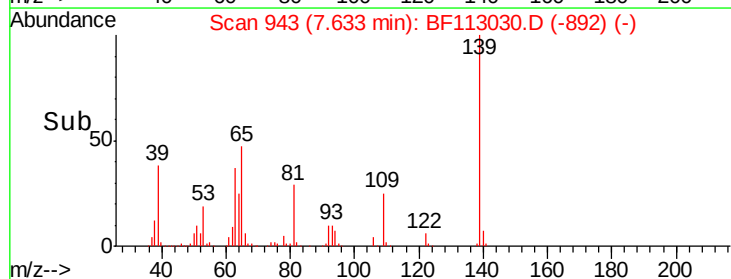
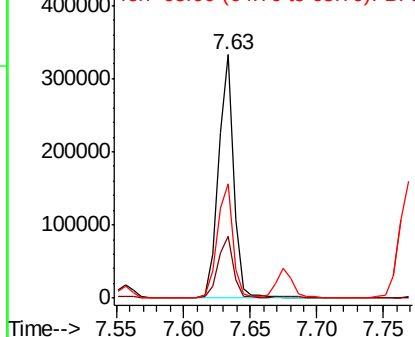


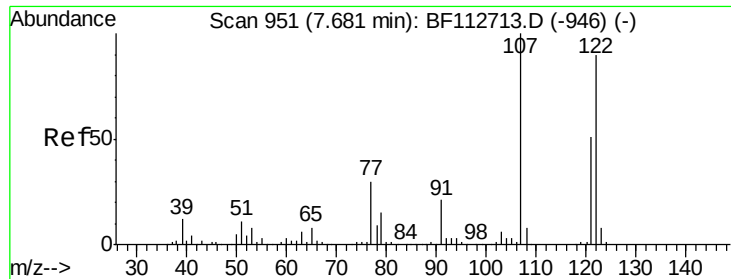
#26
2-Nitrophenol
Concen: 49.417 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion: 139 Resp: 269397
Ion Ratio Lower Upper
139 100
109 25.4 20.6 31.0
65 47.0 37.9 56.9



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

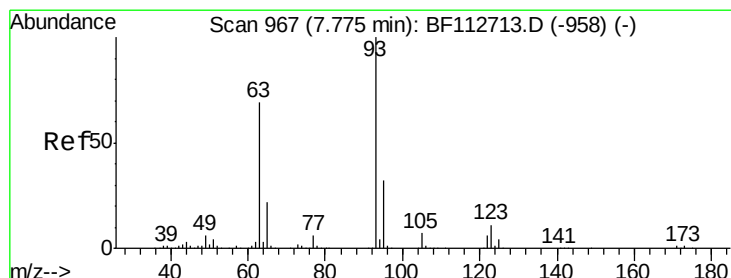
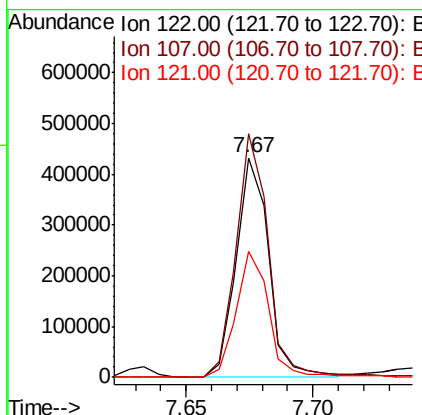
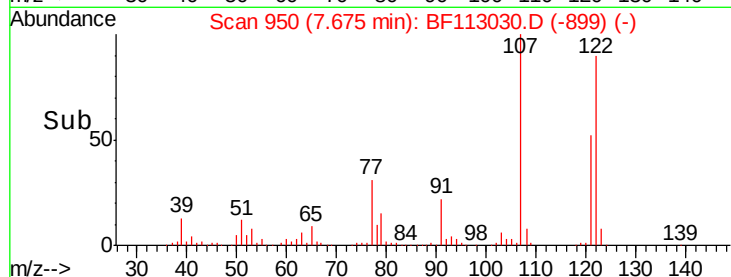
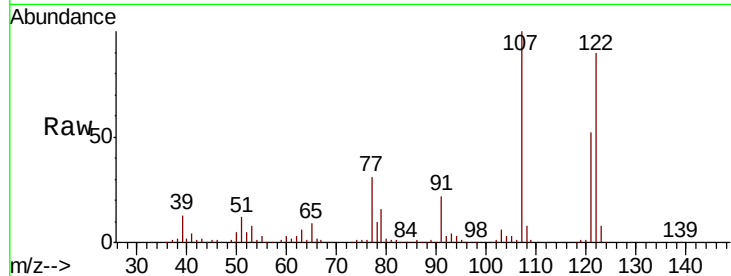




#27
 2,4-Dimethylphenol
 Concen: 38.128 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

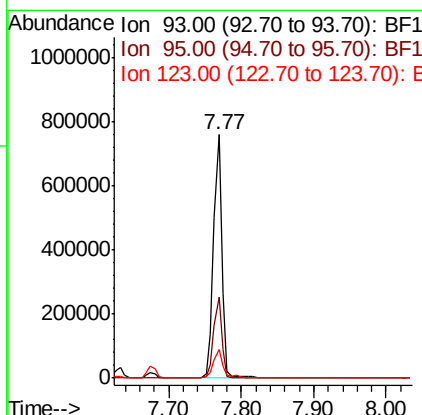
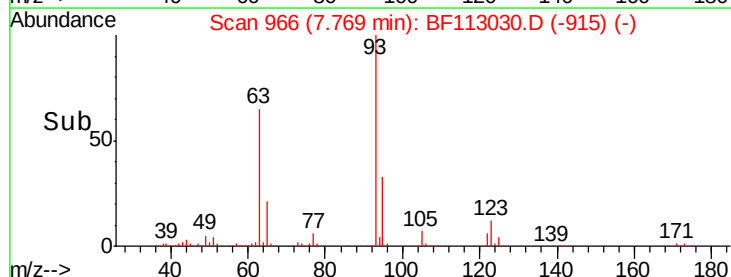
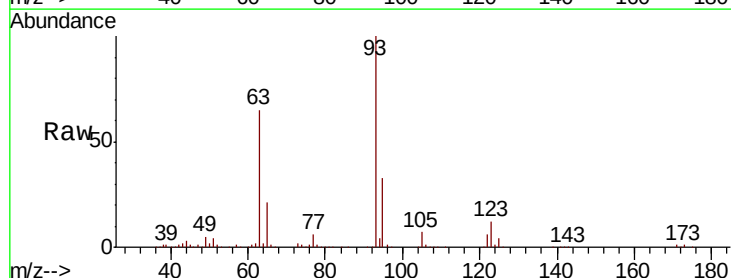
Instrument :
 BNA_F
 ClientSampleId :

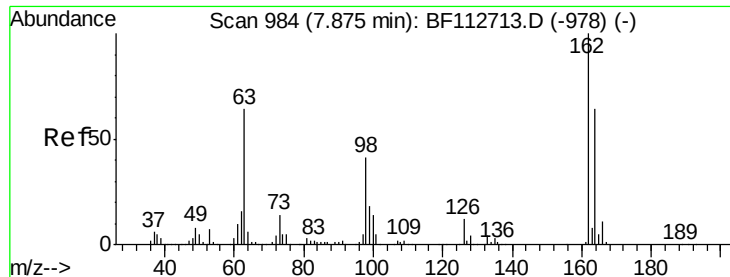
Tot Ion:122 Resp: 386694
 Ion Ratio Lower Upper
 122 100
 107 110.7 89.4 134.0
 121 57.1 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.747 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

Tgt Ion: 93 Resp: 614071
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.0 39.0
 123 11.8 9.3 13.9

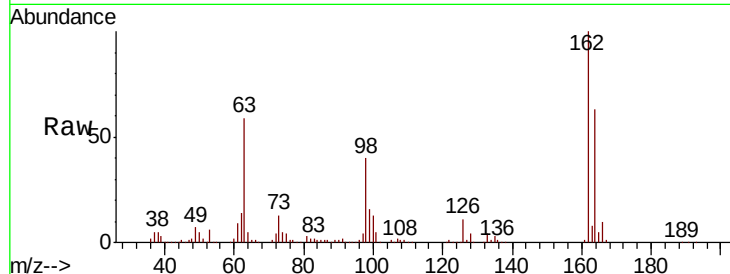




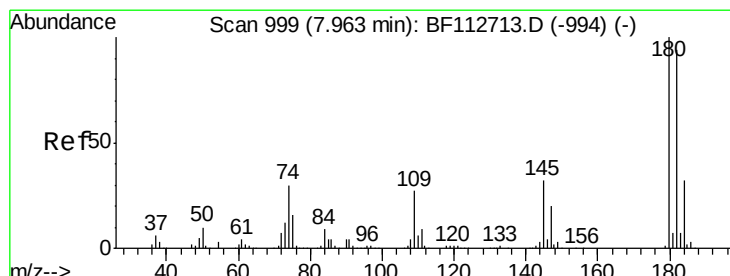
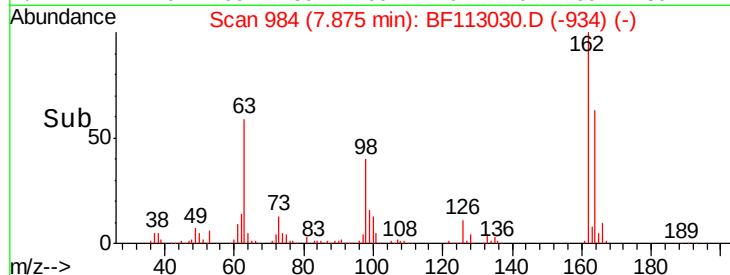
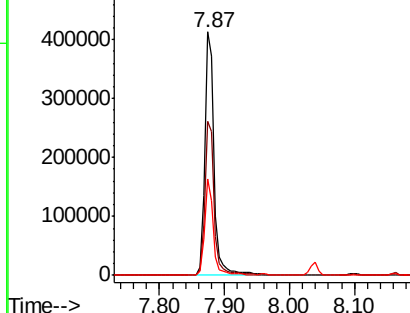
#29
2,4-Dichlorophenol
Concen: 41.454 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 407703
Ion Ratio Lower Upper
162 100
164 63.5 44.0 84.0
98 39.7 20.7 60.7

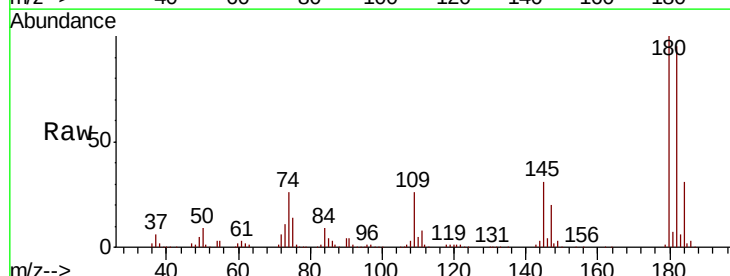


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

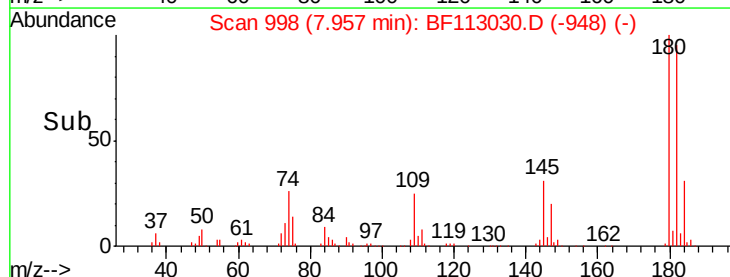
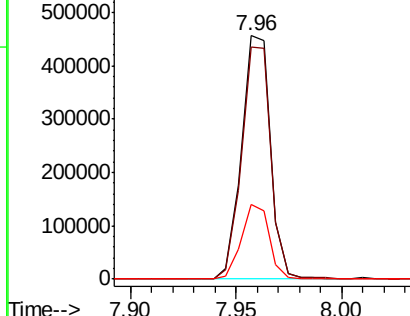


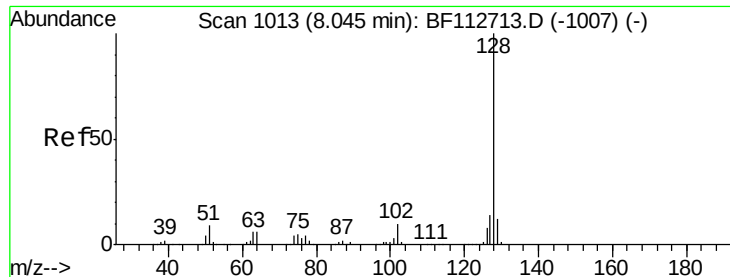
#30
1,2,4-Trichlorobenzene
Concen: 41.027 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion:180 Resp: 433563
Ion Ratio Lower Upper
180 100
182 95.3 75.2 112.8
145 30.9 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

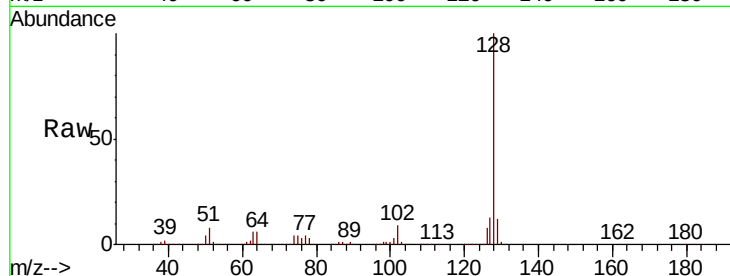




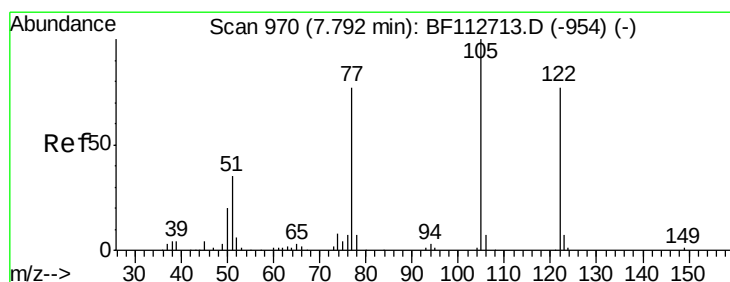
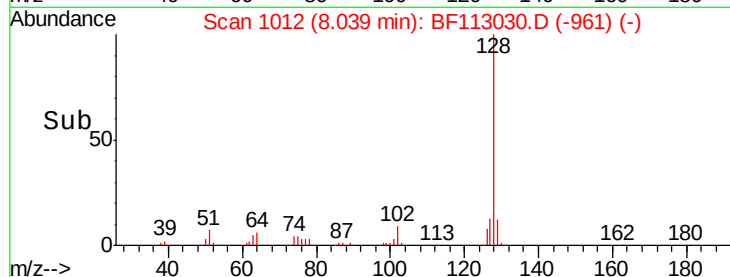
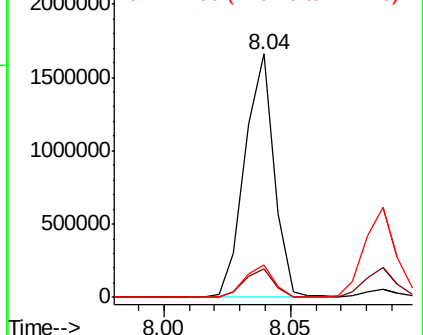
#31
Naphthalene
Concen: 38.435 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1343516
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.4 10.9 16.3

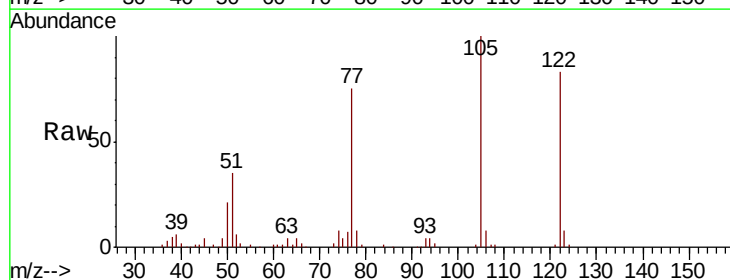


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

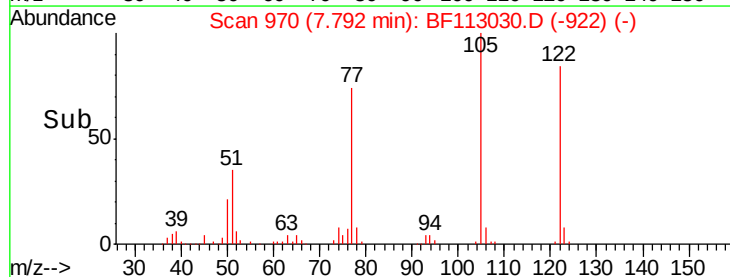
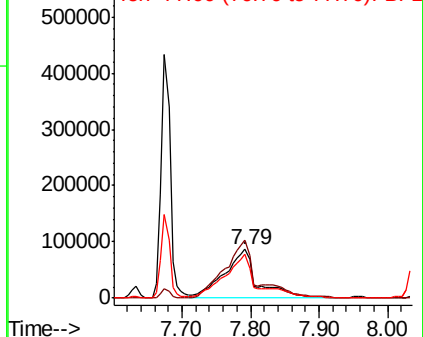


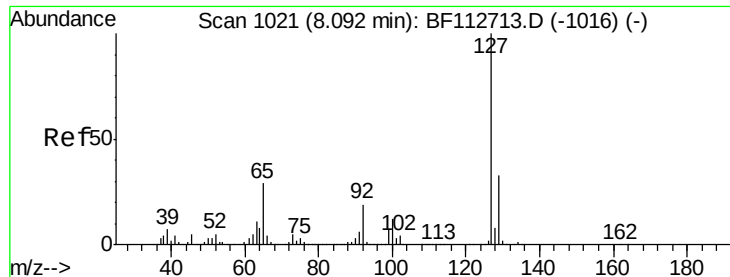
#32
Benzoic acid
Concen: 39.858 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion:122 Resp: 283326
Ion Ratio Lower Upper
122 100
105 119.9 106.8 146.8
77 89.7 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

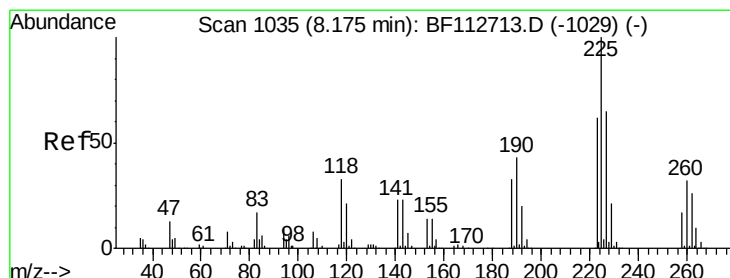
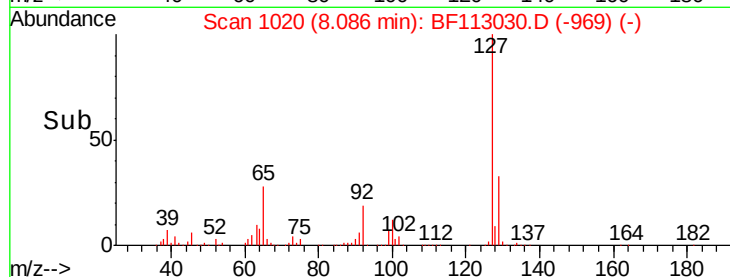
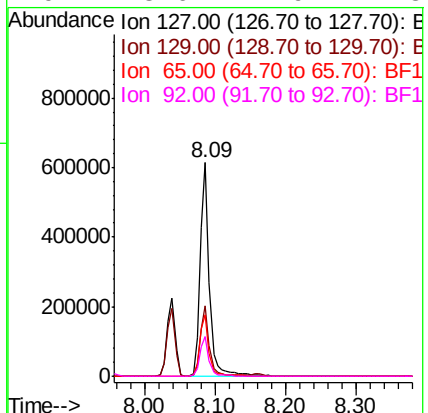
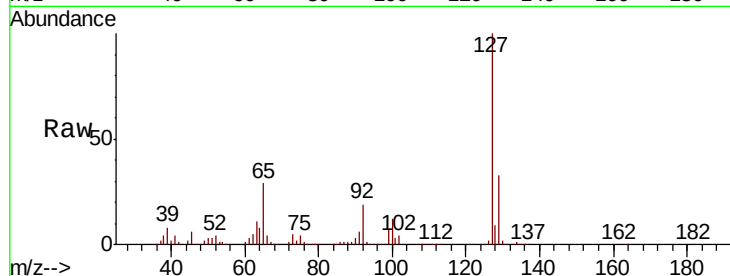




#33
4-Chloroaniline
Concen: 38.672 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

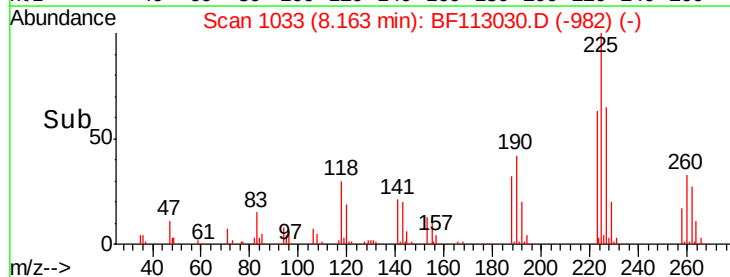
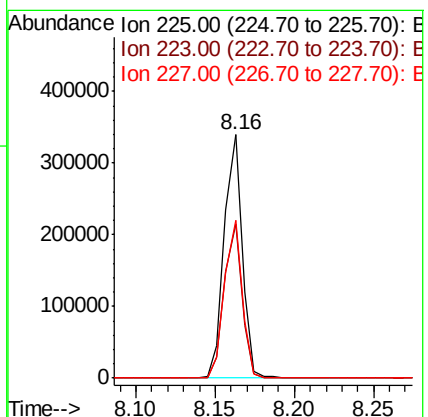
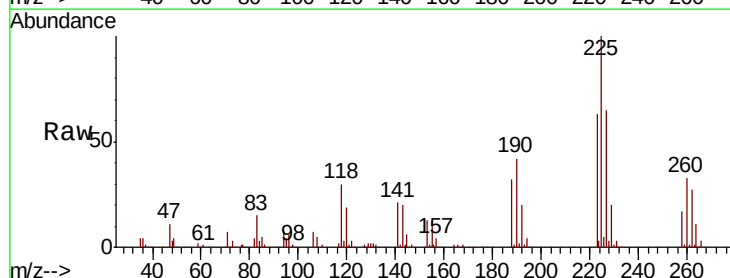
Instrument :
BNA_F
ClientSampleId :

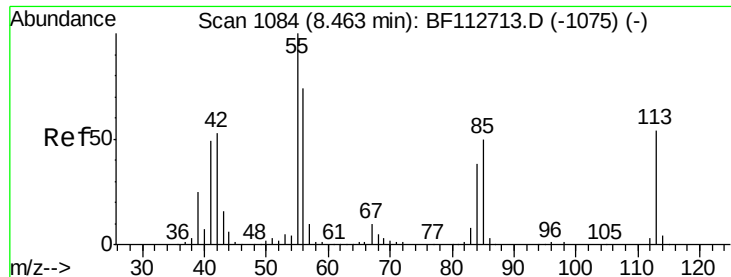
Tot Ion:127	Resp:	572547
Ion	Ratio	Lower Upper
127	100	
129	32.9	26.4 39.6
65	28.9	23.1 34.7
92	18.6	14.9 22.3



#34
Hexachlorobutadiene
Concen: 44.965 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion:225	Resp:	267988
Ion	Ratio	Lower Upper
225	100	
223	63.3	49.7 74.5
227	65.0	52.1 78.1

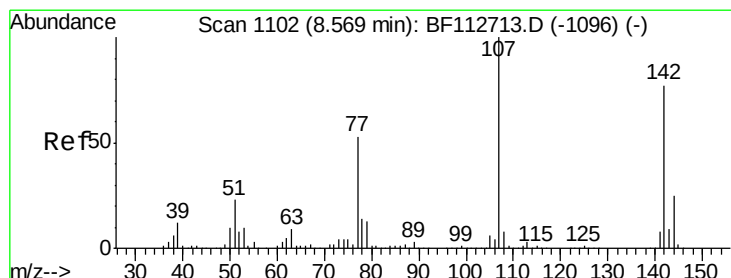
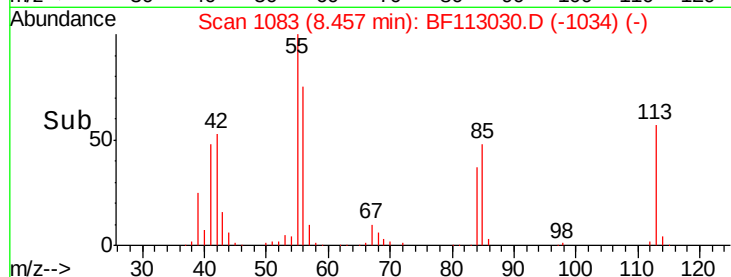
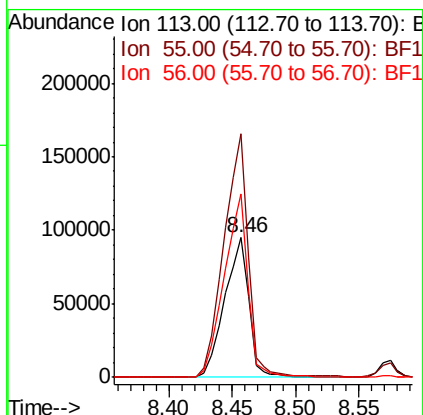
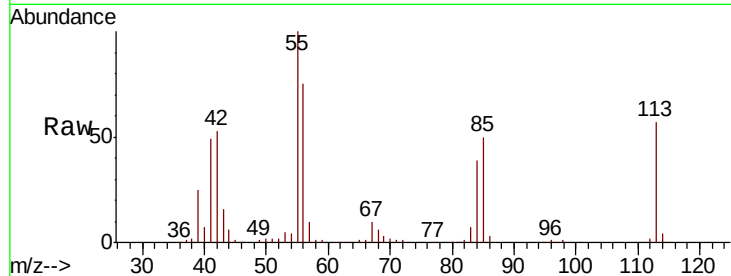




#35
 Caprolactam
 Concen: 36.273 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

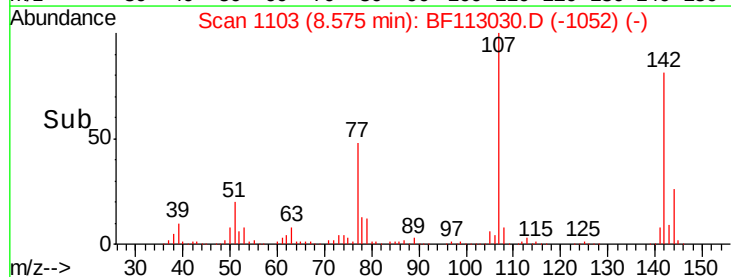
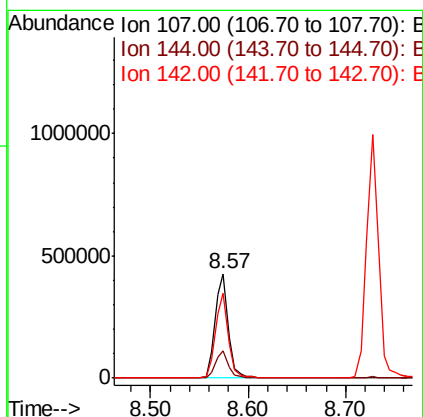
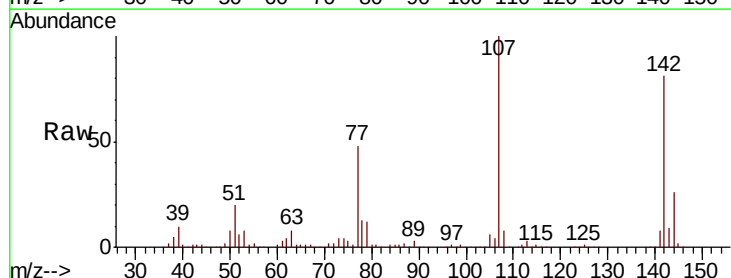
Instrument :
 BNA_F
 ClientSampled :

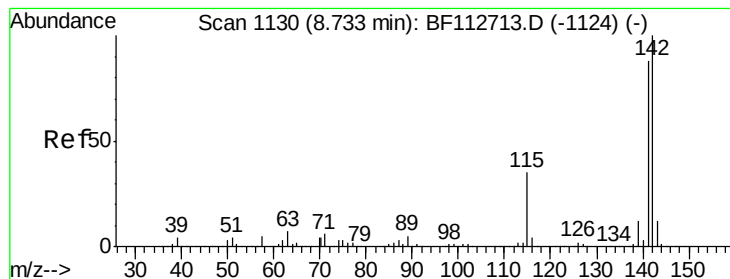
Tot Ion:113 Resp: 125651
 Ion Ratio Lower Upper
 113 100
 55 174.6 163.5 203.5
 56 131.7 115.3 155.3



#36
 4-Chloro-3-methylphenol
 Concen: 36.781 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

Tgt Ion:107 Resp: 400340
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.1 30.1
 142 80.7 61.9 92.9





#37

2-Methylnaphthalene

Concen: 38.263 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

ClientSampled :

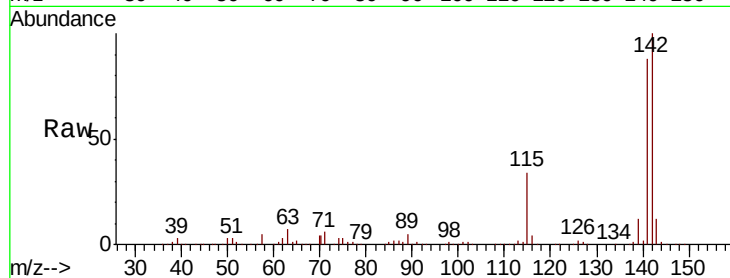
Tot Ion:142 Resp: 863731

Ion Ratio Lower Upper

142 100

141 87.6 70.3 105.5

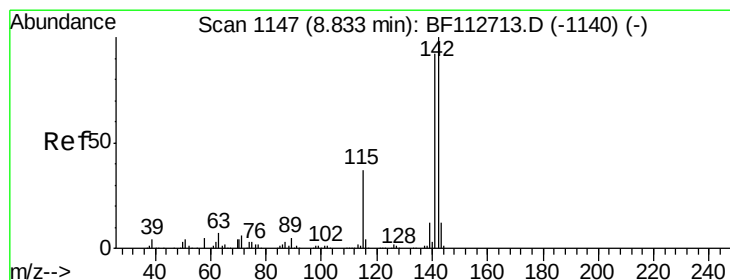
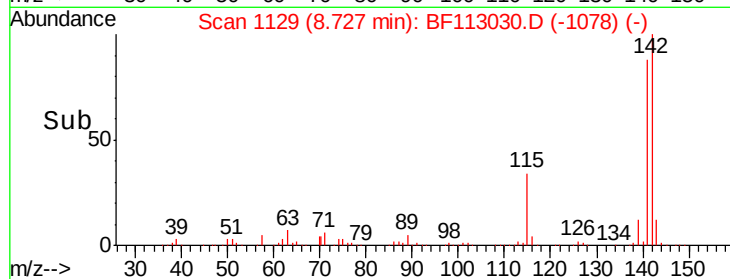
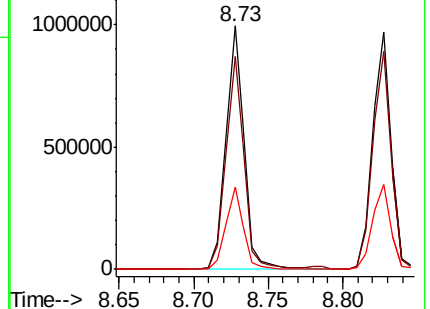
115 33.8 27.8 41.6



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: 37.222 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

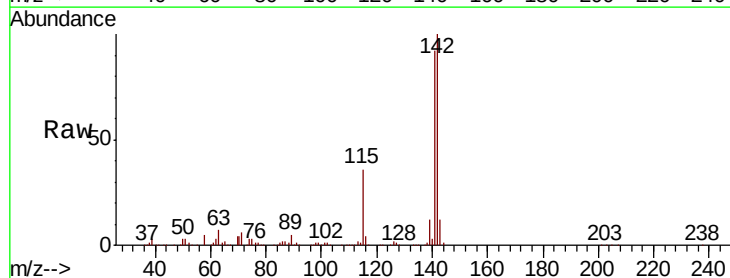
Tgt Ion:142 Resp: 813931

Ion Ratio Lower Upper

142 100

141 91.8 73.7 110.5

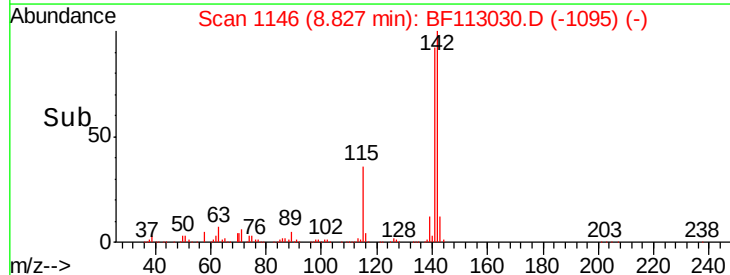
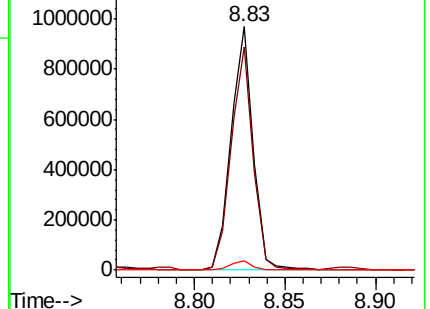
116 3.7 3.1 4.7

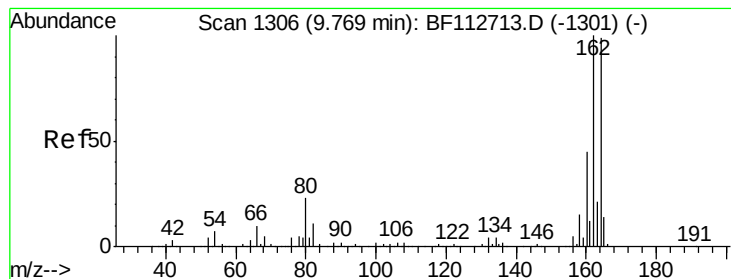


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

ClientSampleId :

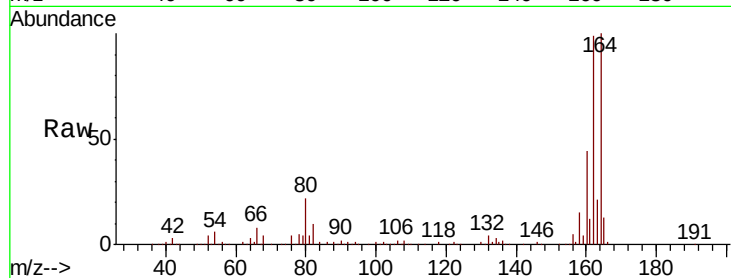
Tot Ion:164 Resp: 291309

Ion Ratio Lower Upper

164 100

162 98.6 80.6 120.8

160 44.0 36.0 54.0

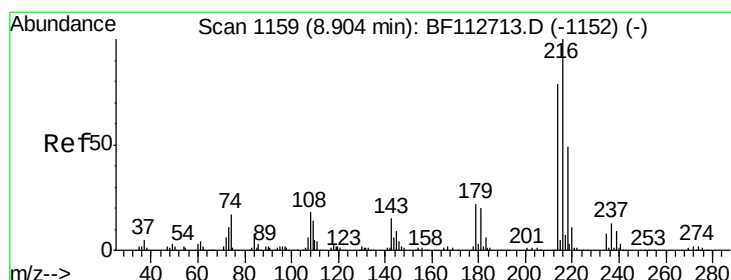
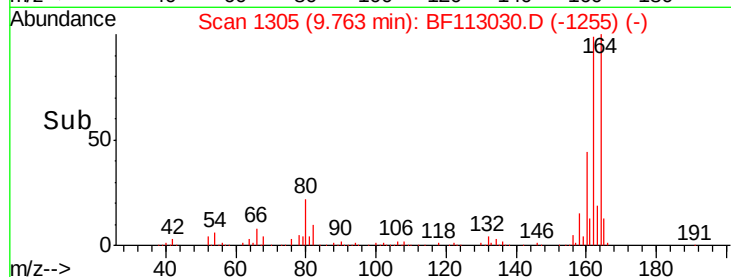
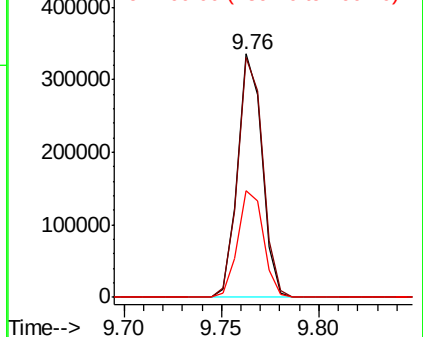


Abundance

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: 47.337 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Tgt Ion:216 Resp: 402124

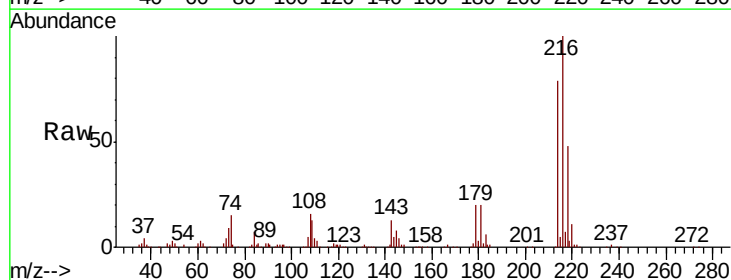
Ion Ratio Lower Upper

216 100

214 79.7 63.2 94.8

179 20.6 17.5 26.3

108 17.5 16.7 25.1



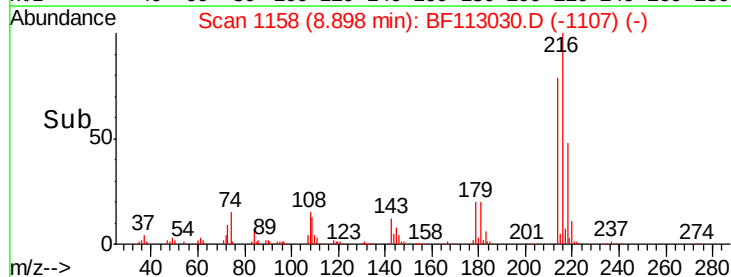
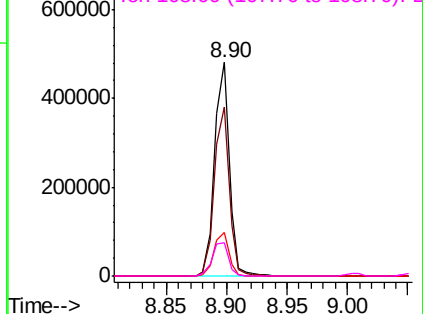
Abundance

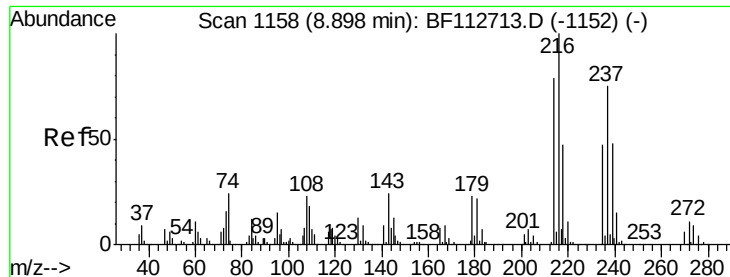
Ion 216.00 (215.70 to 216.70): E

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: 17.995 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

ClientSampled :

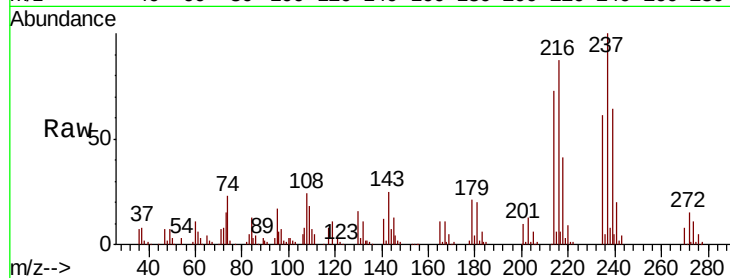
Tot Ion:237 Resp: 83708

Ion Ratio Lower Upper

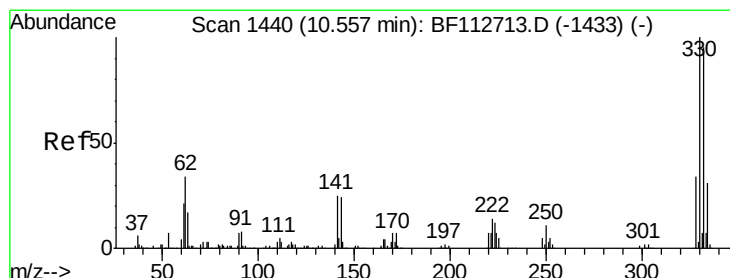
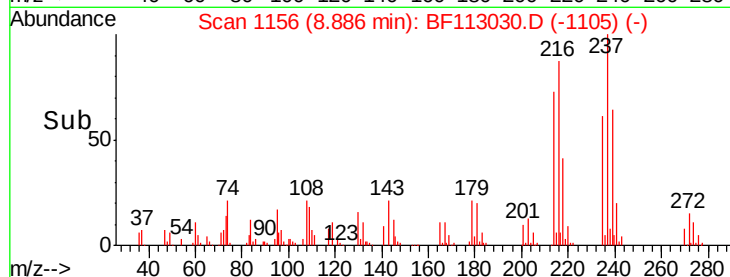
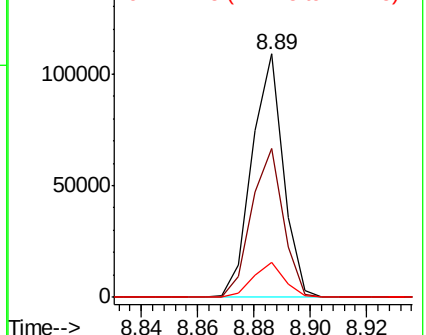
237 100

235 61.1 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: 84.713 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

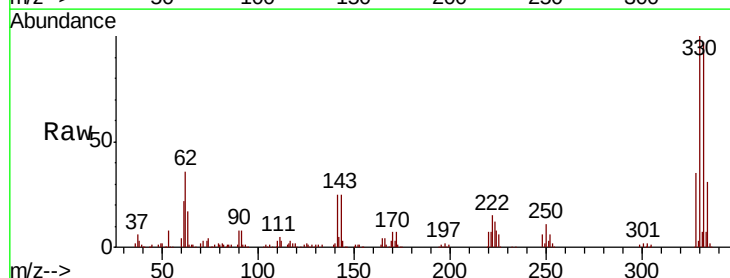
Tgt Ion:330 Resp: 261985

Ion Ratio Lower Upper

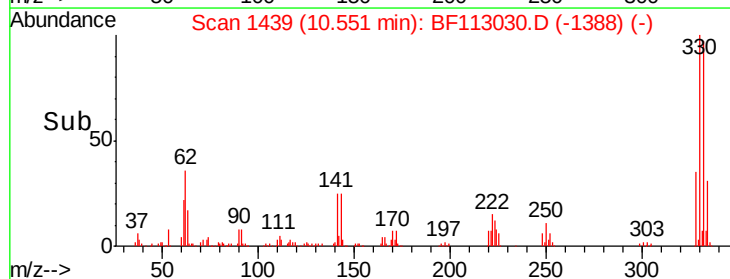
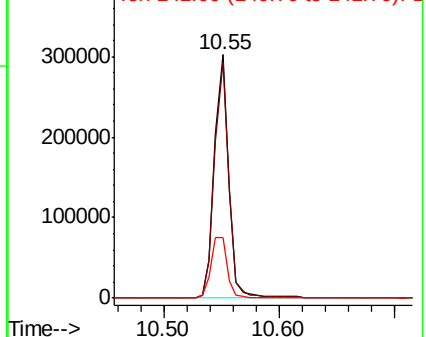
330 100

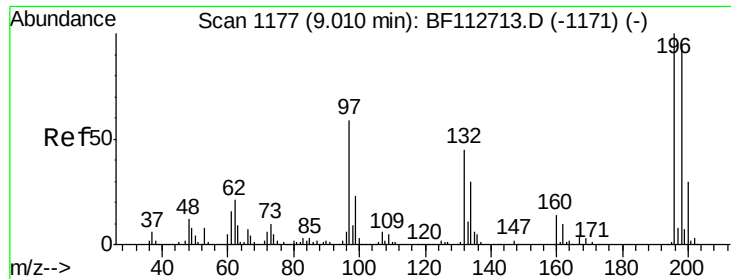
332 97.9 76.2 114.4

141 28.5 27.0 40.6



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

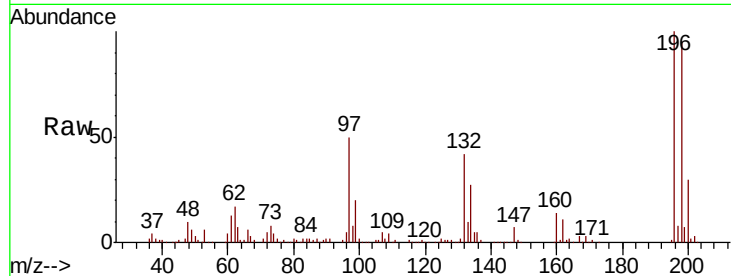




#43
 2,4,6-Trichlorophenol
 Concen: 43.846 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.8	113.8
200	30.5	24.3	36.5

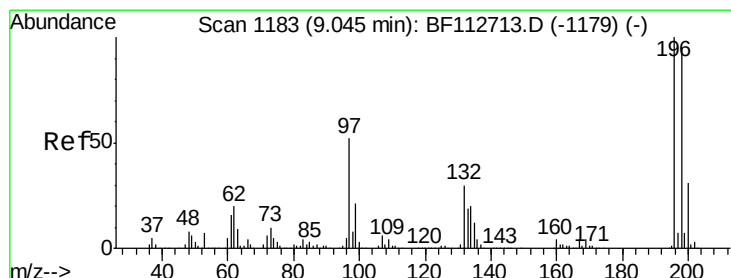
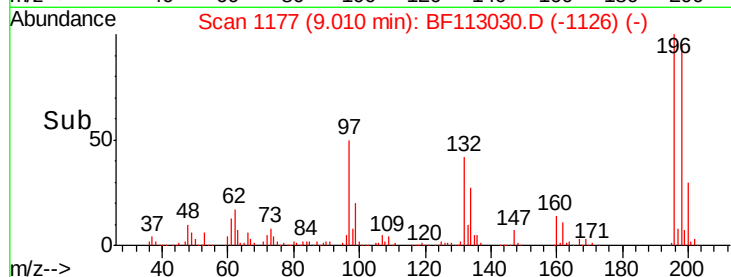
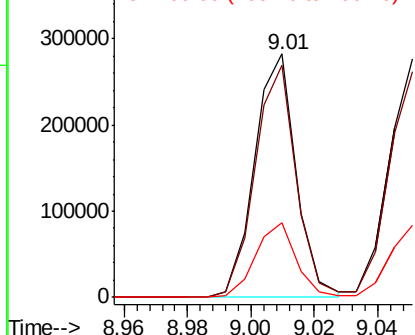


Abundance

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: 43.644 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.2	114.2
97	47.0	41.5	62.3
132	28.4	23.9	35.9

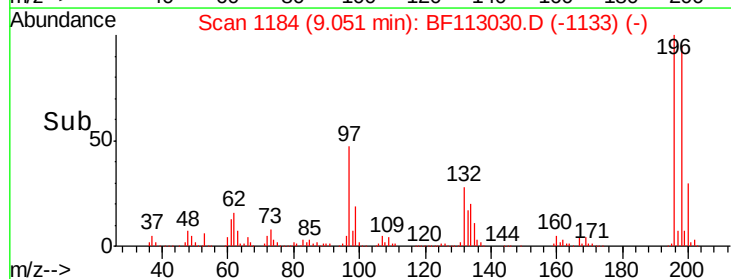
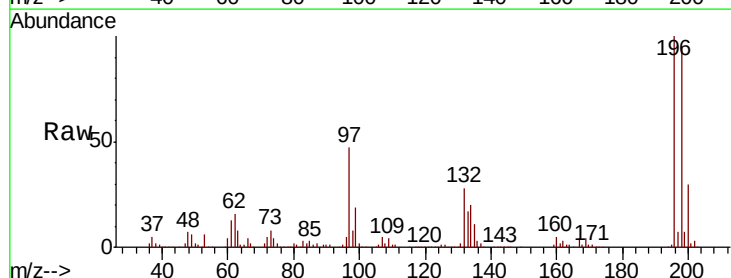
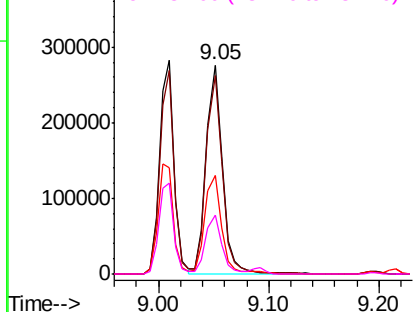
Abundance

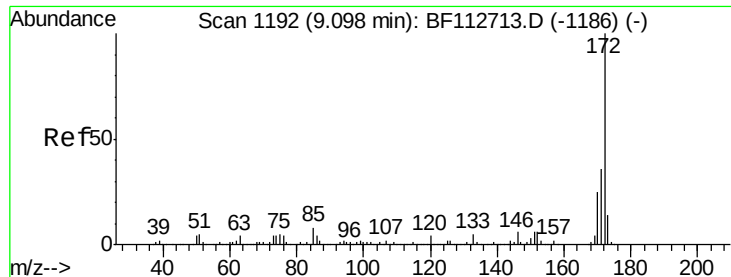
Ion 196.00 (195.70 to 196.70): E

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

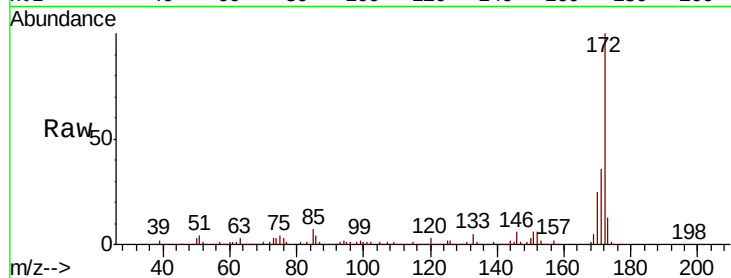




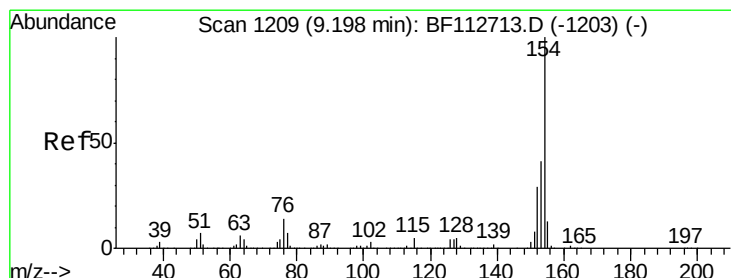
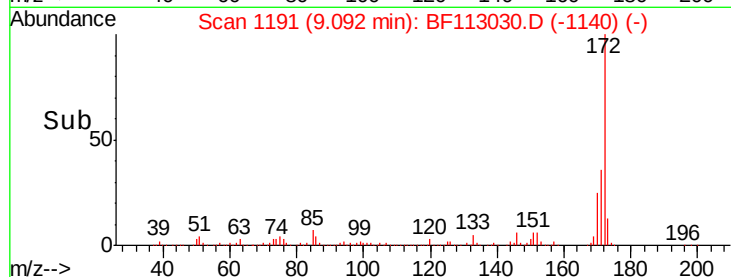
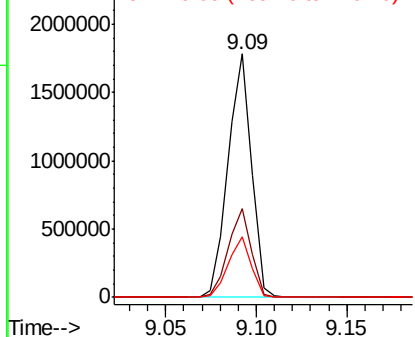
#45
2-Fluorobiphenyl
Concen: 94.282 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1610062
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 25.0 20.0 30.0

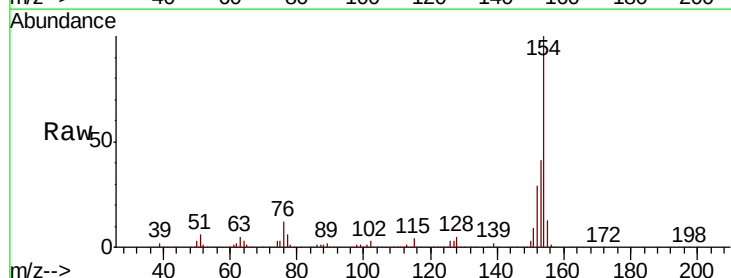


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

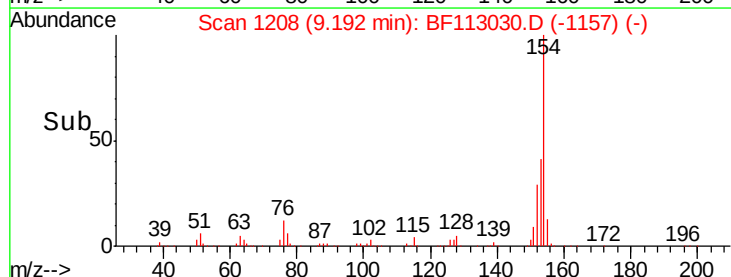
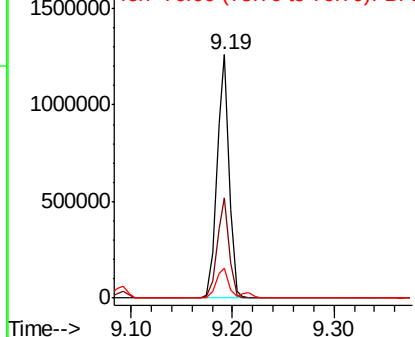


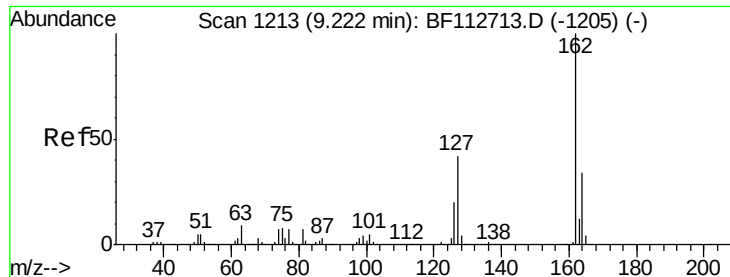
#46
1,1'-Biphenyl
Concen: 43.639 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion:154 Resp: 1036887
Ion Ratio Lower Upper
154 100
153 41.0 20.8 60.8
76 12.2 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

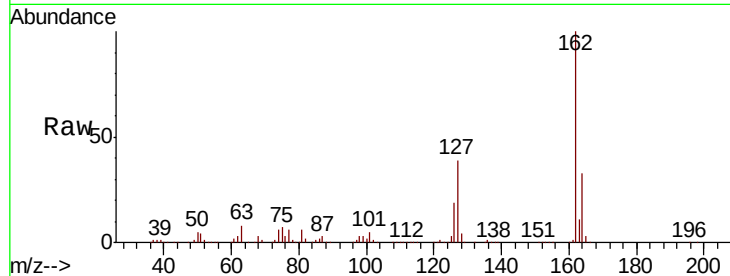




#47
2-Chloronaphthalene
Concen: 41.378 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	33.4	50.2
164	33.3	26.9	40.3

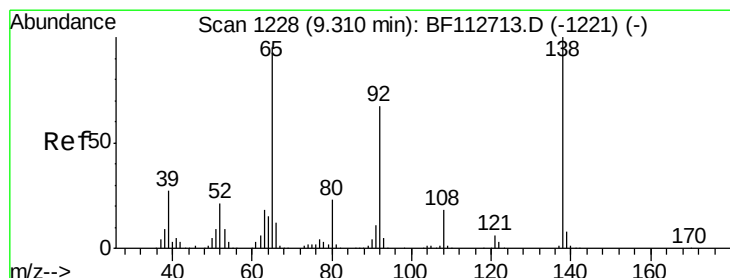
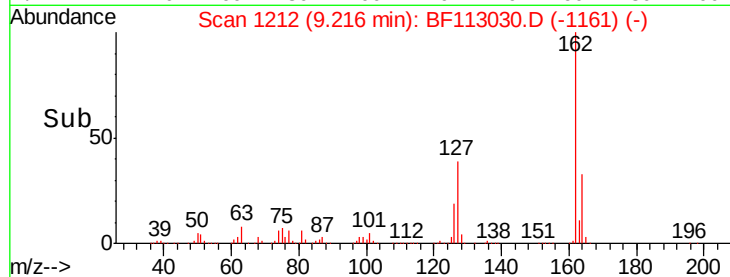
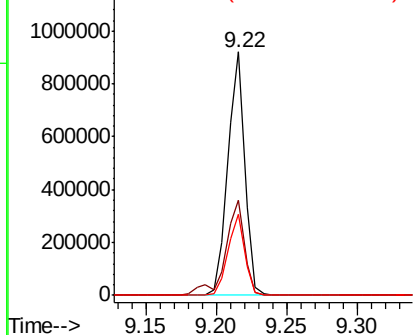


Abundance

Ion 162.00 (161.70 to 162.70): E

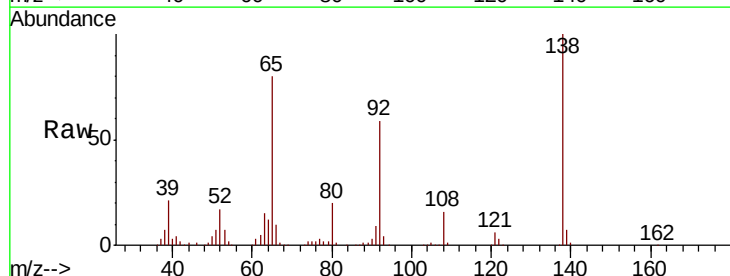
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.117 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	56.4	84.6
138	125.6	84.6	126.8

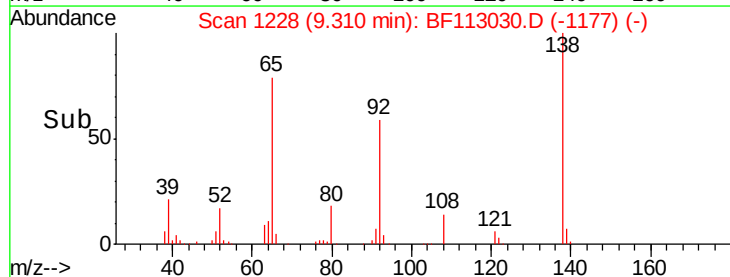
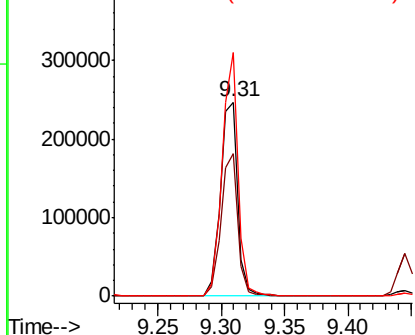


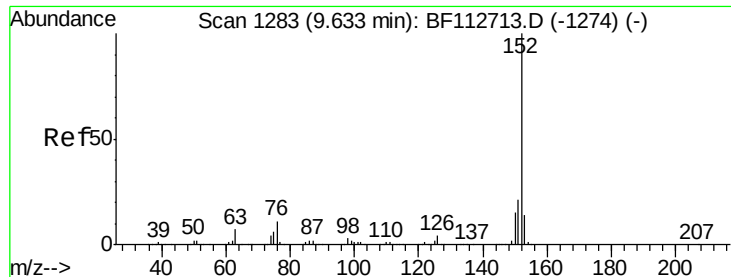
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.747 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

ClientSampleId :

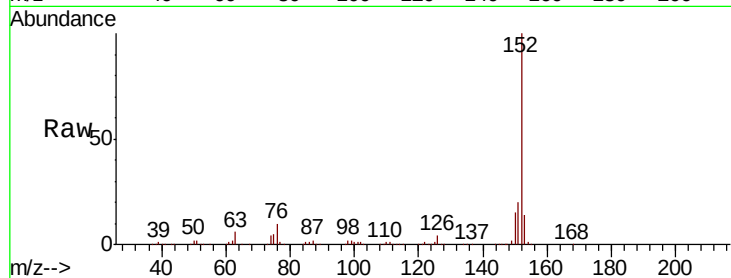
Tot Ion:152 Resp: 1220408

Ion Ratio Lower Upper

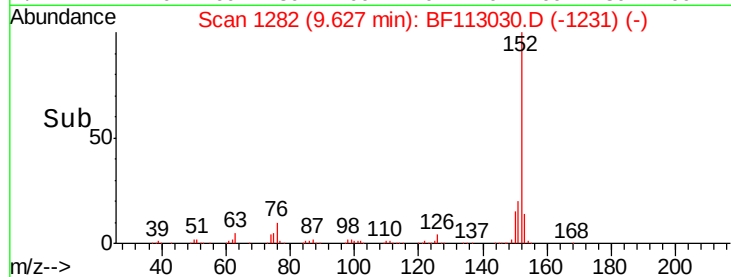
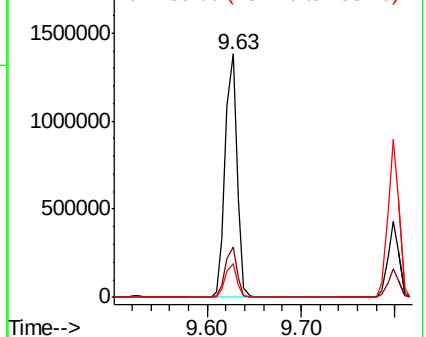
152 100

151 20.5 16.9 25.3

153 13.6 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: 42.542 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

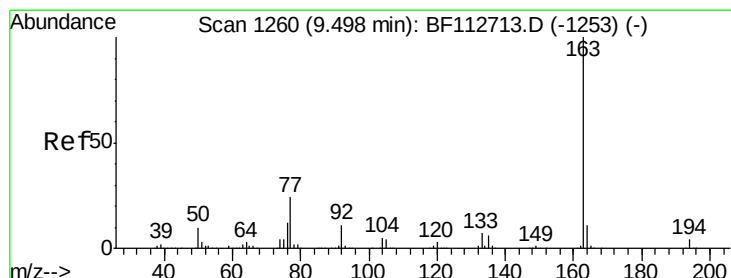
Tgt Ion:163 Resp: 913786

Ion Ratio Lower Upper

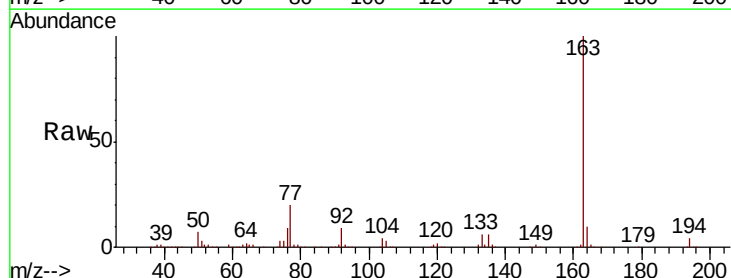
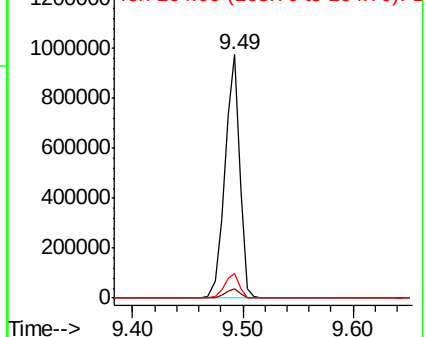
163 100

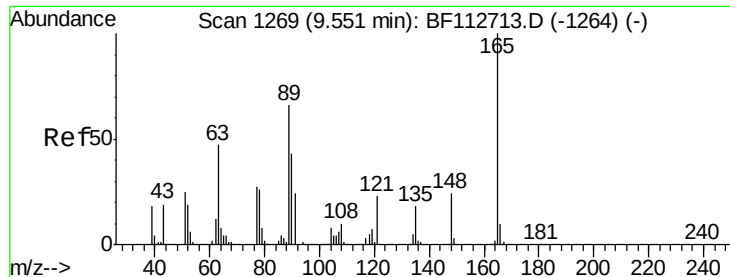
194 4.0 3.0 4.4

164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.831 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

ClientSampleId :

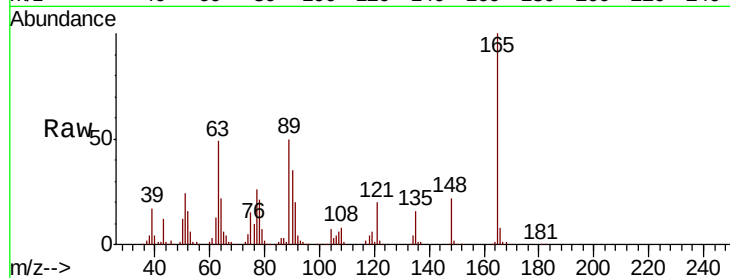
Tot Ion:165 Resp: 196053

Ion Ratio Lower Upper

165 100

63 48.9 54.1 81.1#

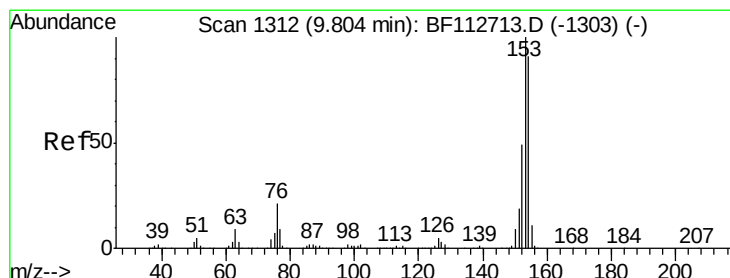
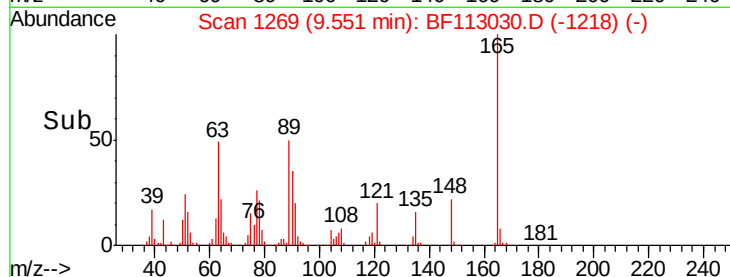
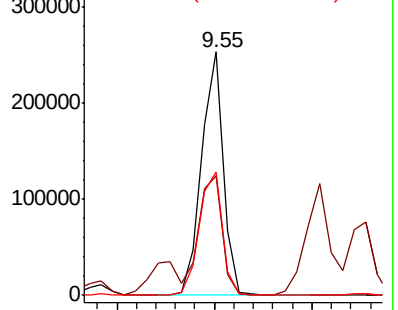
89 50.5 52.8 79.2#



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: 36.734 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

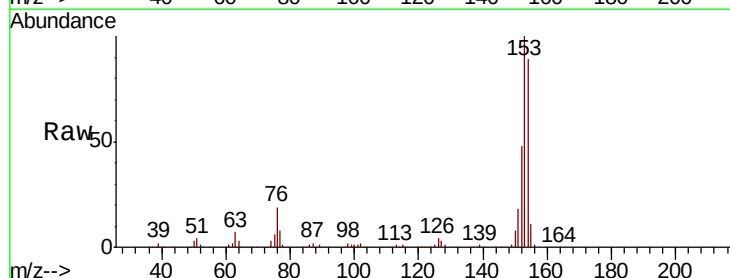
Tgt Ion:154 Resp: 676611

Ion Ratio Lower Upper

154 100

153 112.5 87.8 131.8

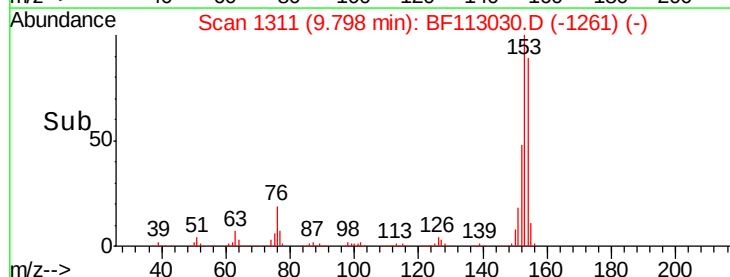
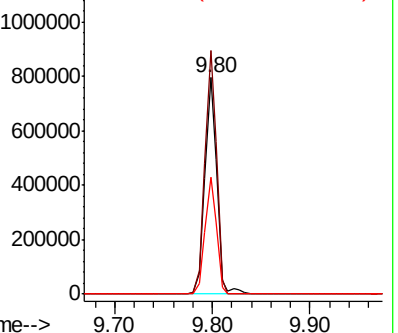
152 54.0 43.0 64.6

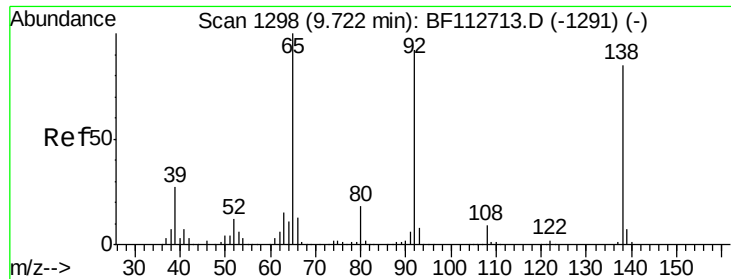


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

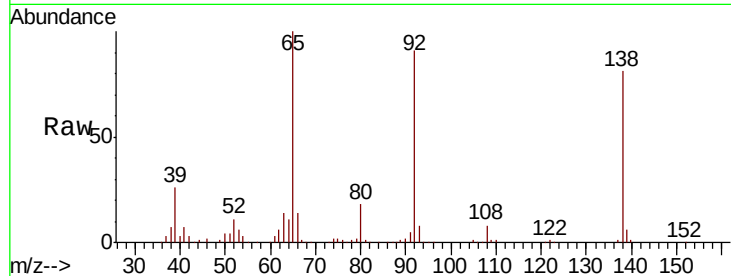




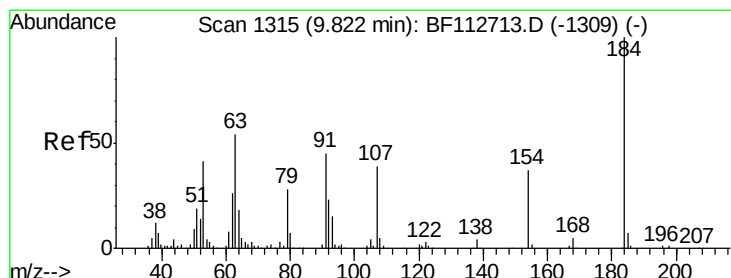
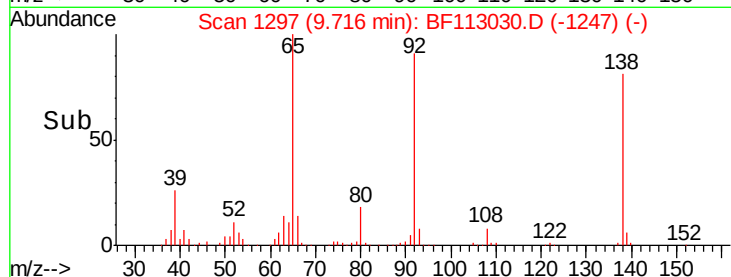
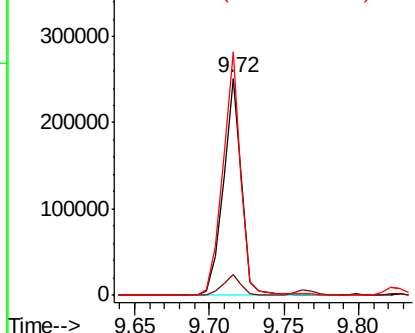
#53
3-Nitroaniline
Concen: 39.831 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 217092
Ion Ratio Lower Upper
138 100
108 9.9 8.6 13.0
92 112.1 86.6 129.8

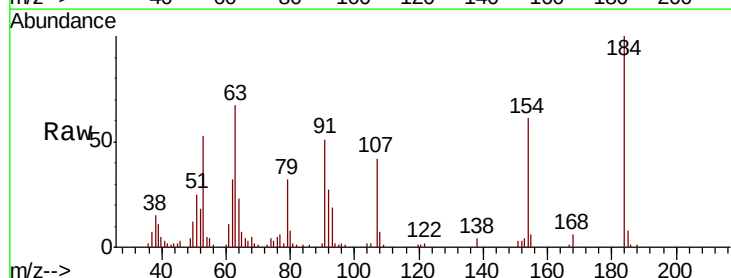


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

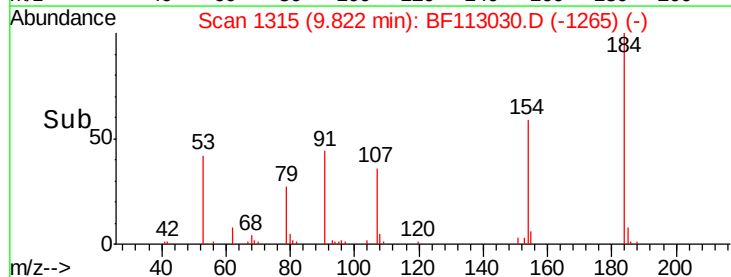
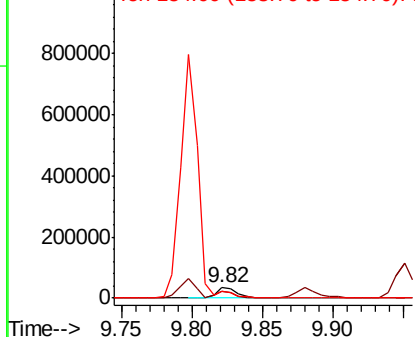


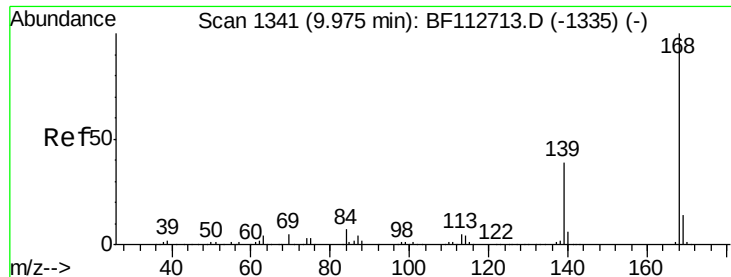
#54
2,4-Dinitrophenol
Concen: 24.281 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion:184 Resp: 35481
Ion Ratio Lower Upper
184 100
63 67.5 45.3 67.9
154 60.7 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

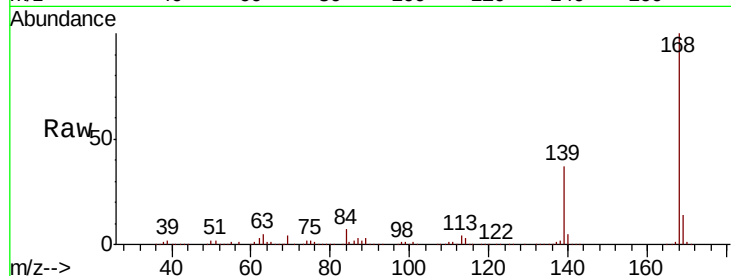




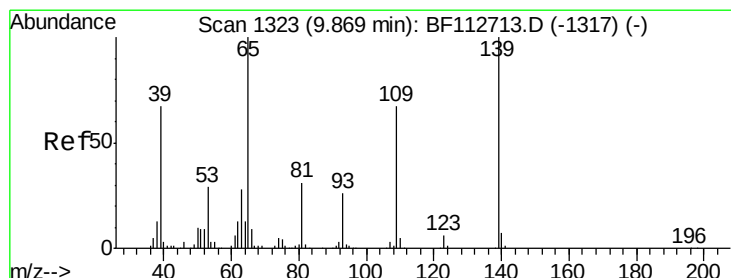
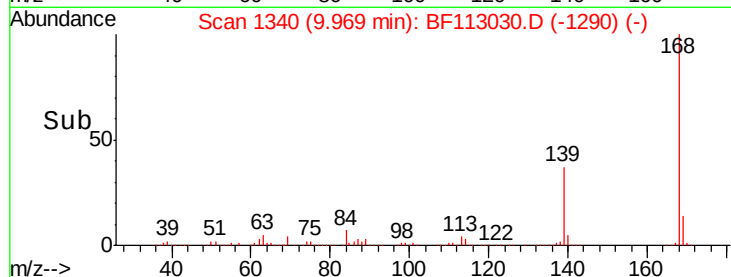
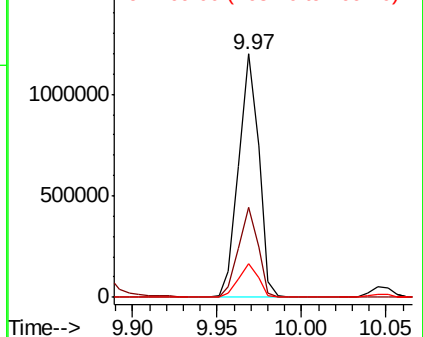
#55
Dibenzofuran
Concen: 37.292 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 998334
Ion Ratio Lower Upper
168 100
139 36.9 31.3 46.9
169 13.9 11.3 16.9

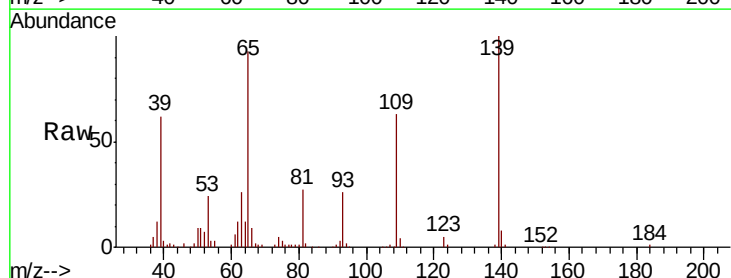


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

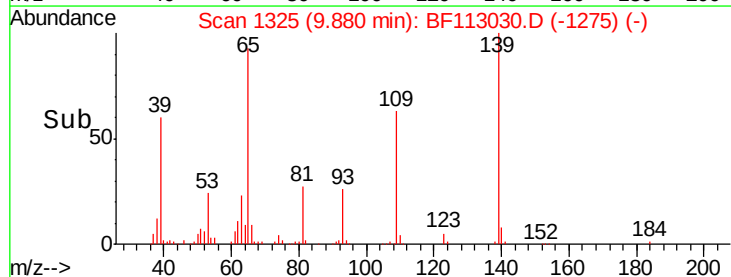
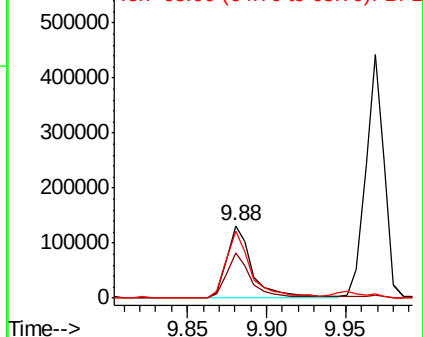


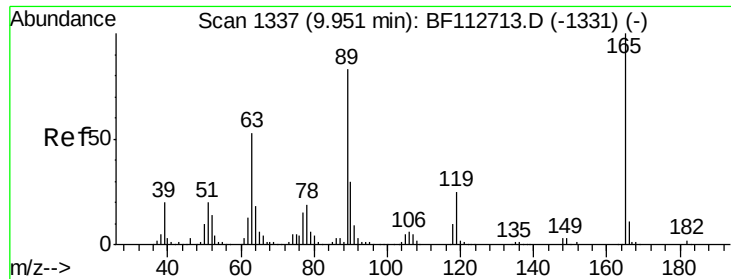
#56
4-Nitrophenol
Concen: 33.275 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion:139 Resp: 147394
Ion Ratio Lower Upper
139 100
109 62.9 46.8 86.8
65 93.3 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

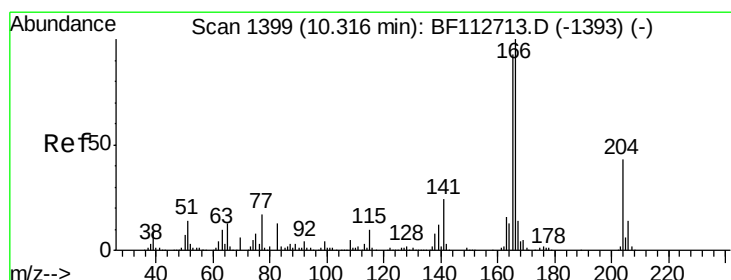
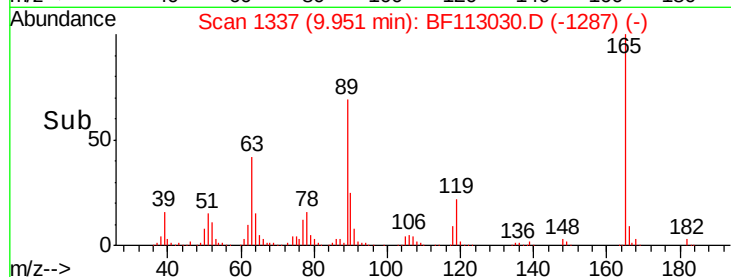
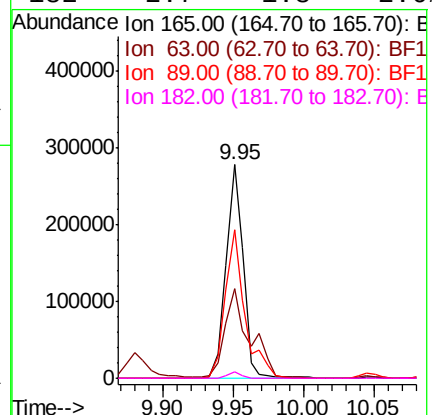
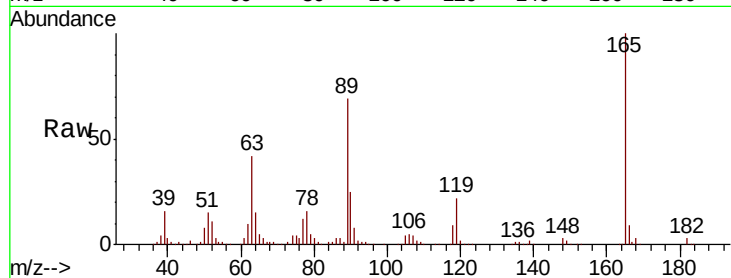




#57
2,4-Dinitrotoluene
Concen: 42.201 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

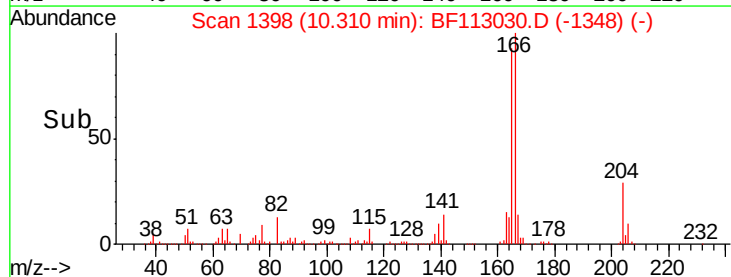
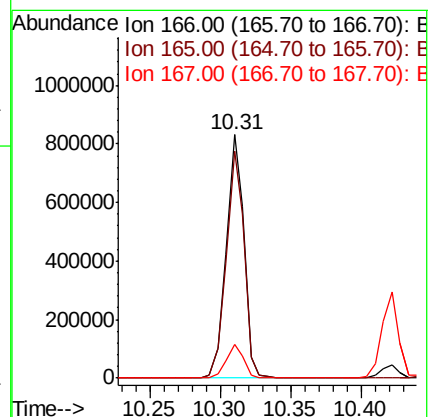
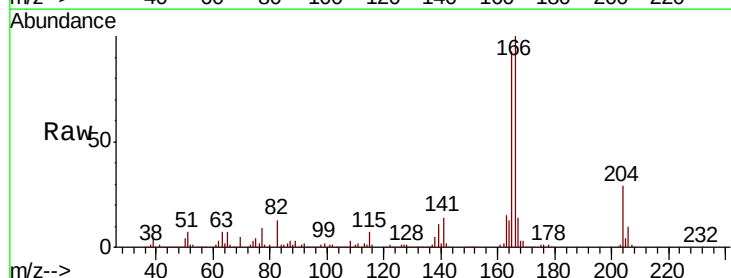
Instrument :
BNA_F
ClientSampleId :

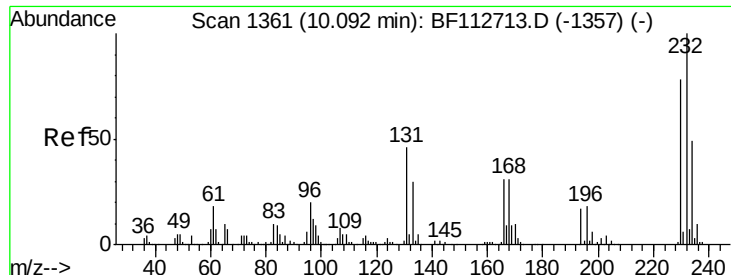
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.7	42.2	63.2#
89	69.3	66.2	99.4
182	2.7	1.8	2.6#



#58
Fluorene
Concen: 38.061 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.3	74.7	112.1
167	13.9	11.0	16.6

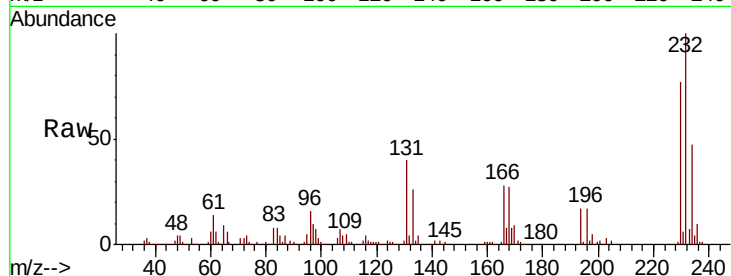




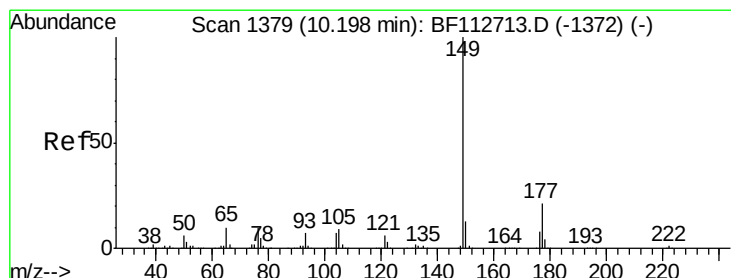
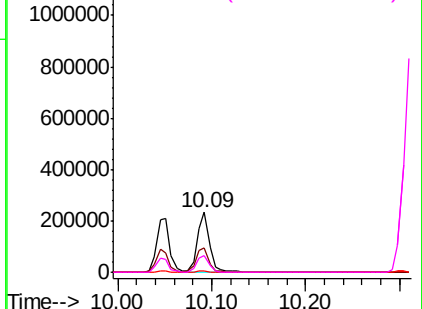
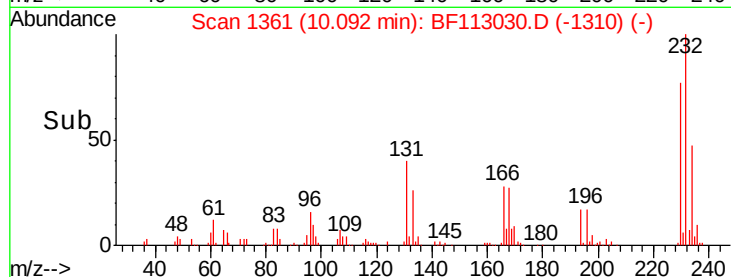
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.549 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 208218
Ion Ratio Lower Upper
232 100
131 43.5 38.7 58.1
130 2.0 1.9 2.9
166 29.6 25.2 37.8

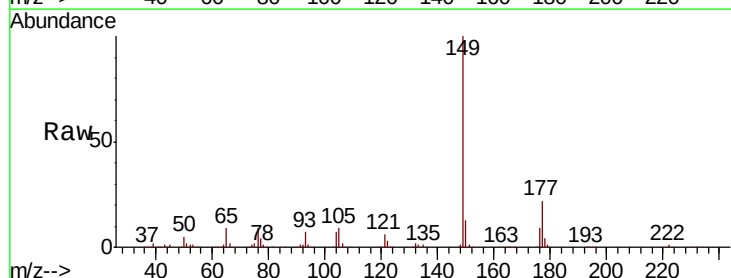


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

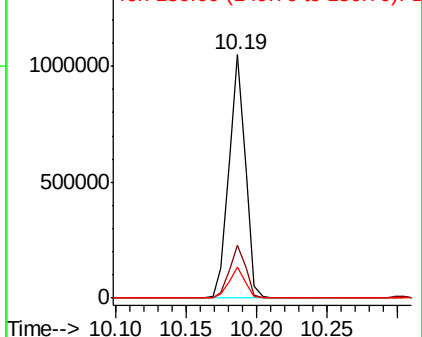
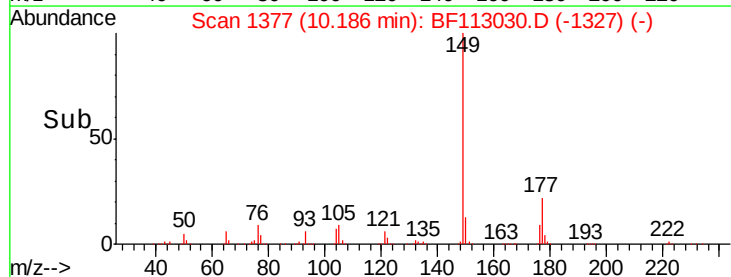


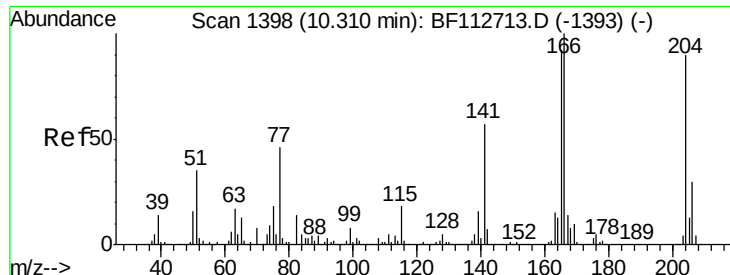
#60
Diethylphthalate
Concen: 37.372 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion:149 Resp: 847823
Ion Ratio Lower Upper
149 100
177 21.9 17.0 25.6
150 12.5 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

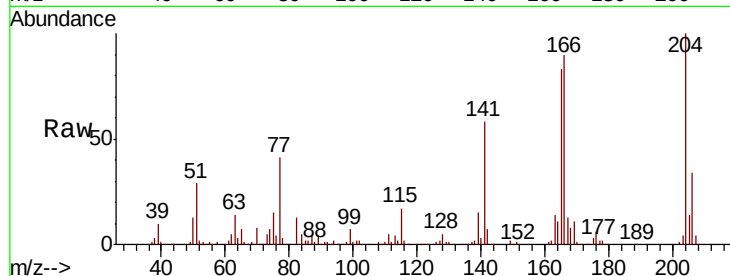




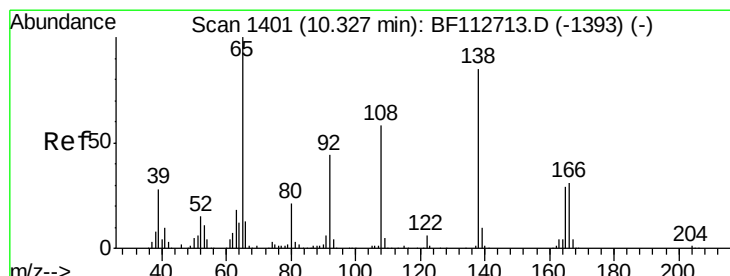
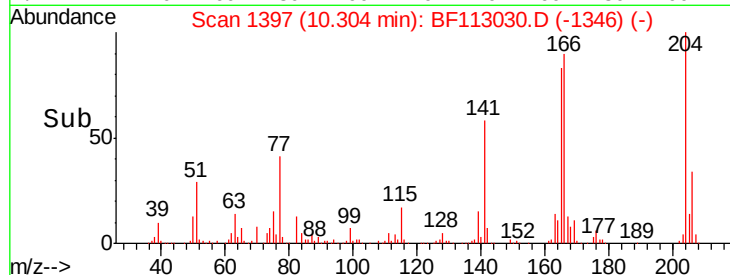
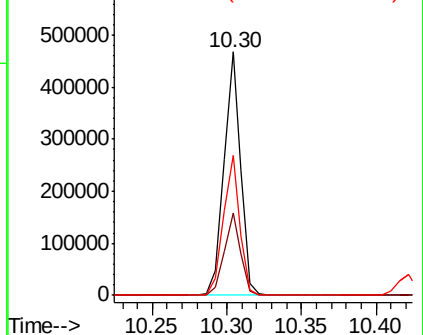
#61
 4-Chlorophenyl-phenylether
 Concen: 41.911 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 370502
 Ion Ratio Lower Upper
 204 100
 206 33.6 26.6 40.0
 141 57.5 50.8 76.2

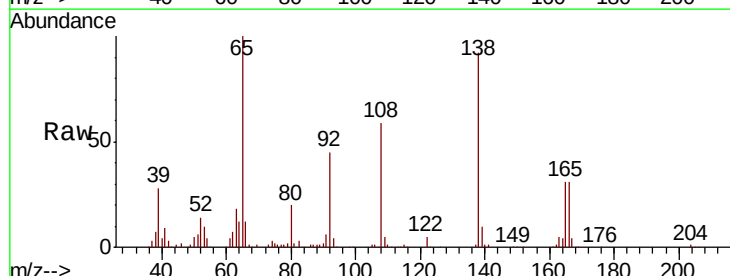


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

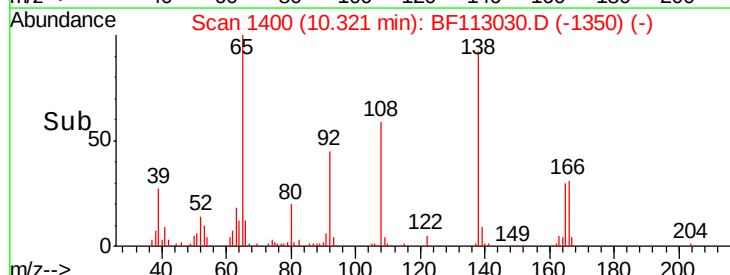
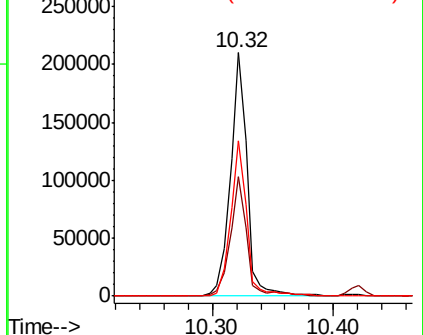


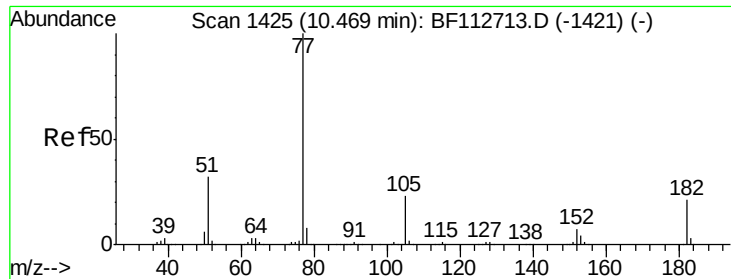
#62
 4-Nitroaniline
 Concen: 40.157 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

Tgt Ion:138 Resp: 202248
 Ion Ratio Lower Upper
 138 100
 92 49.2 31.3 71.3
 108 64.0 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

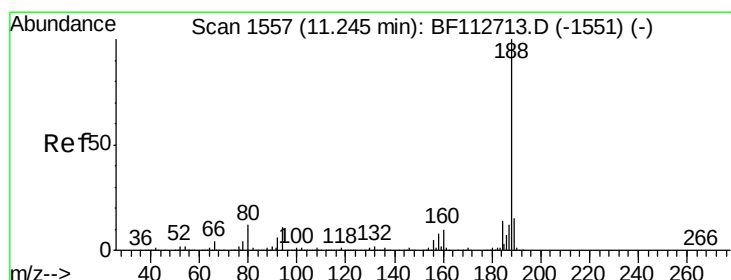
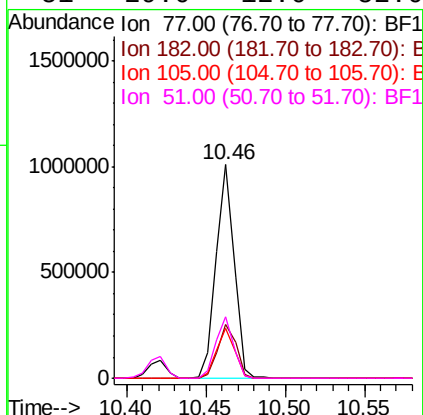
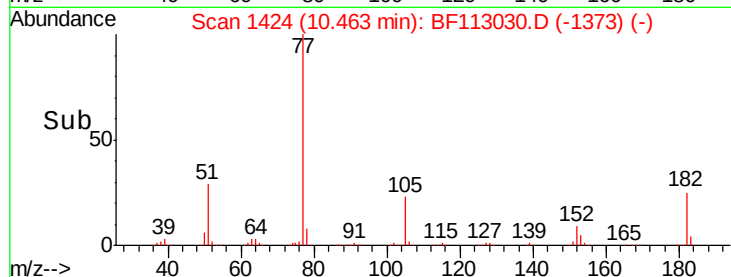
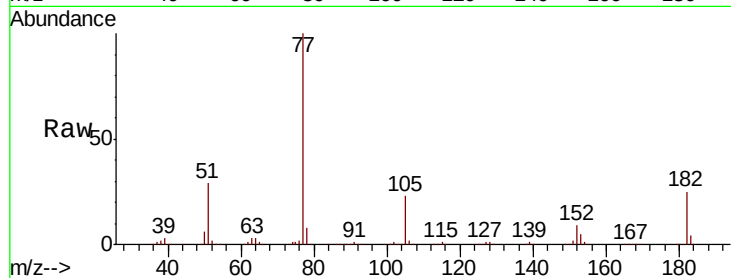




#63
Azobenzene
Concen: 34.398 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

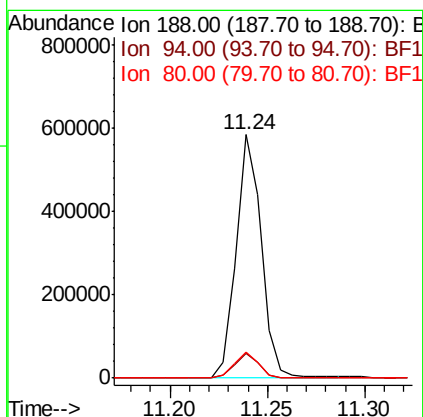
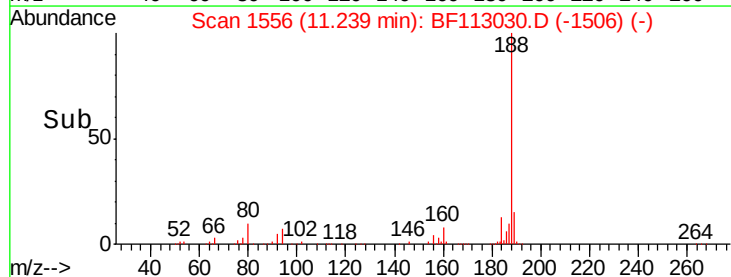
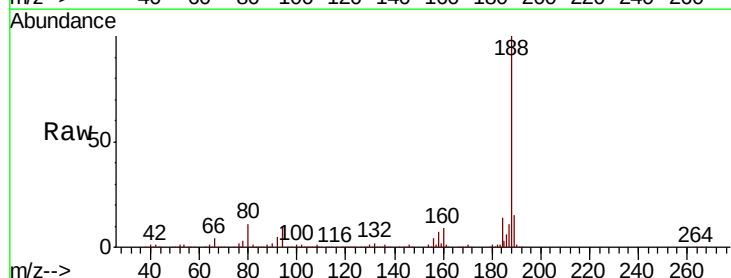
Instrument :
BNA_F
ClientSampleId :

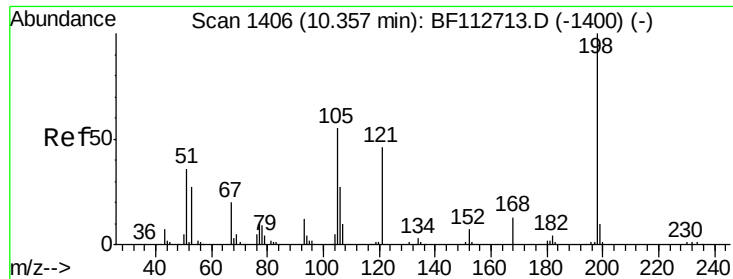
Tot Ion:	77	Resp:	799277
Ion	Ratio	Lower	Upper
77	100		
182	25.2	1.4	41.4
105	23.2	2.6	42.6
51	29.0	12.0	52.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion:	188	Resp:	522276
Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.0	13.4
80	10.8	9.2	13.8

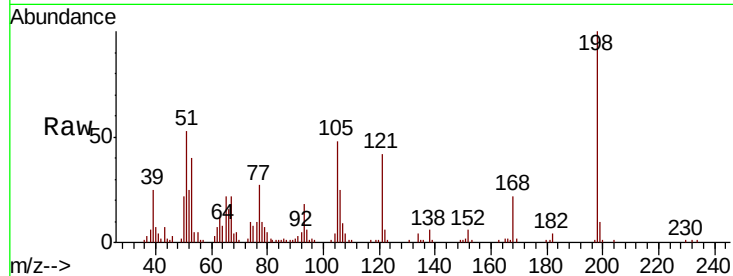




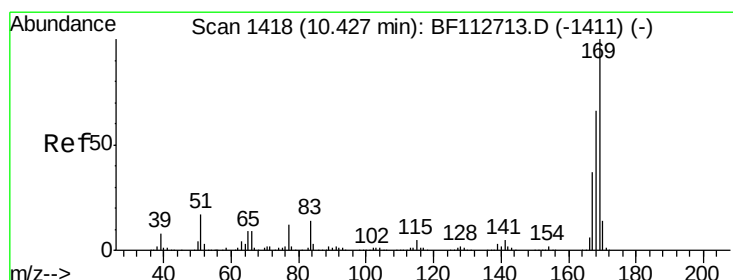
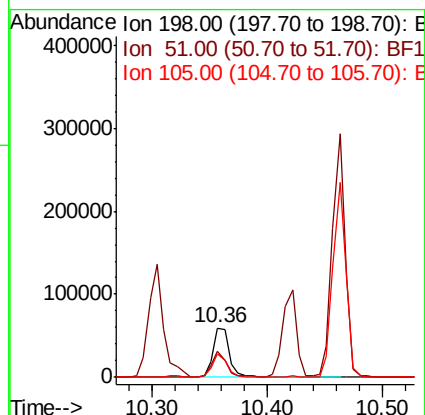
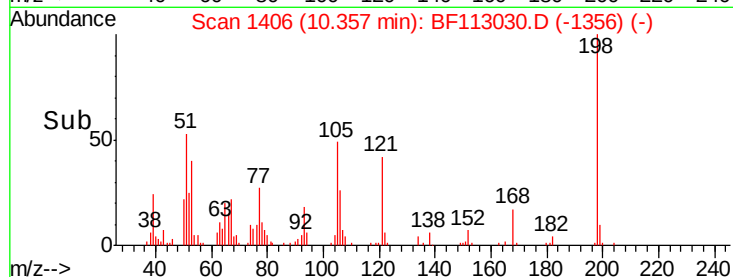
#65
4,6-Dinitro-2-methylphenol
Concen: 29.625 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 59381
Ion Ratio Lower Upper
198 100
51 53.2 43.8 83.8
105 48.0 36.5 76.5

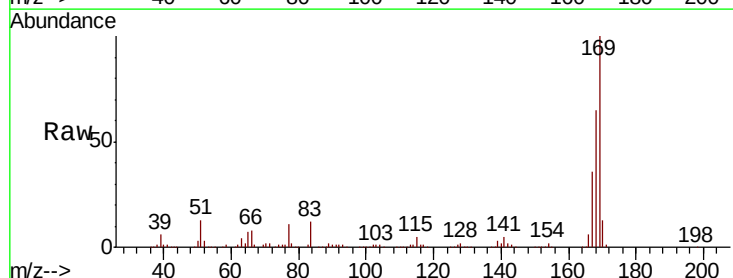


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

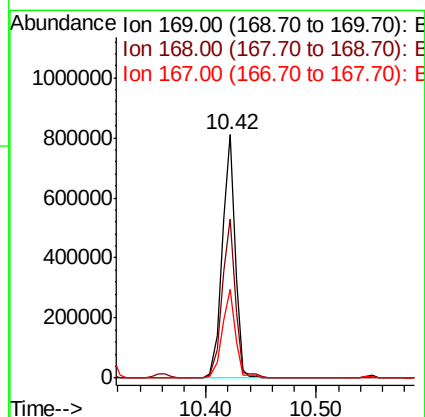
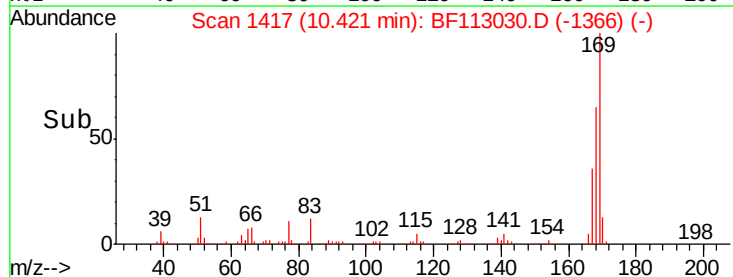


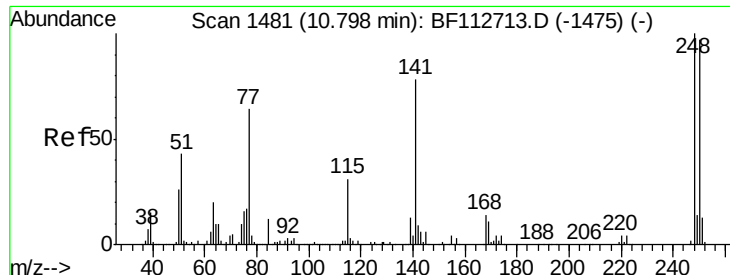
#66
n-Nitrosodiphenylamine
Concen: 39.515 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion:169 Resp: 661865
Ion Ratio Lower Upper
169 100
168 65.5 53.0 79.6
167 36.3 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

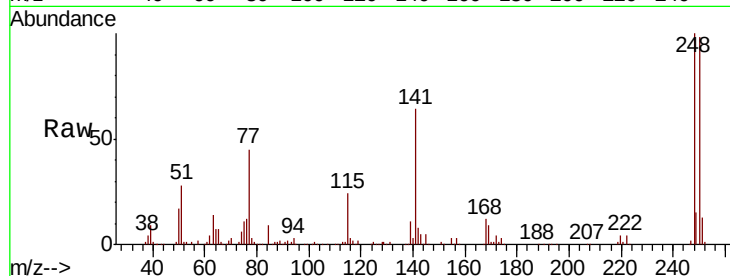




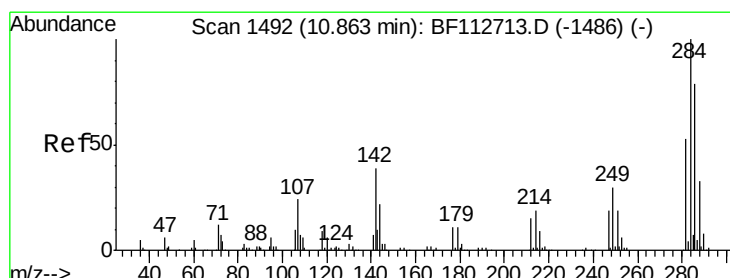
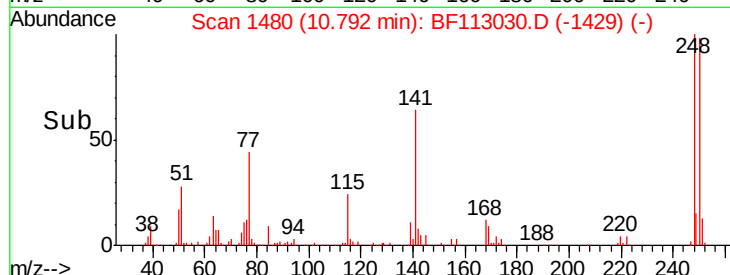
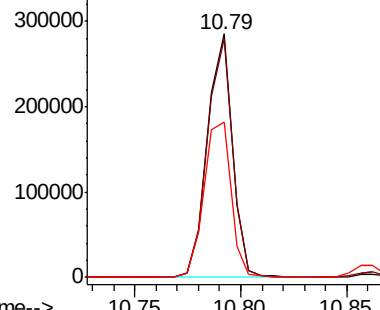
#67
4-Bromophenyl-phenylether
Concen: 42.356 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 233008
Ion Ratio Lower Upper
248 100
250 97.8 77.5 116.3
141 63.7 62.4 93.6

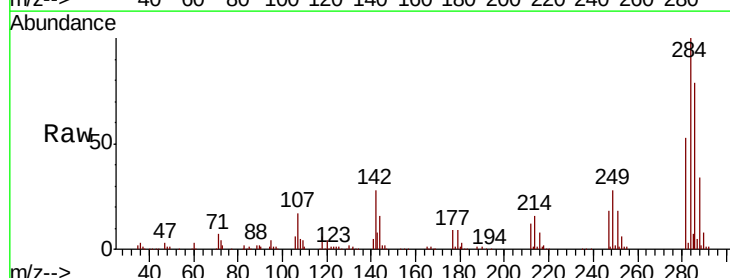


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

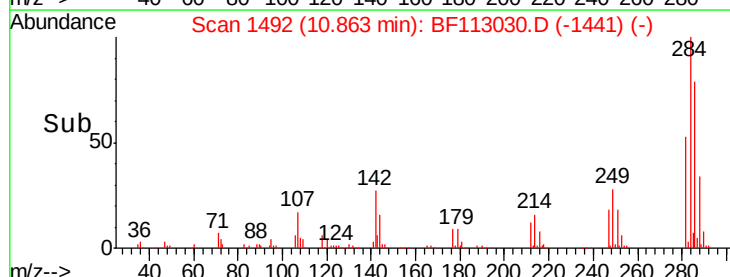
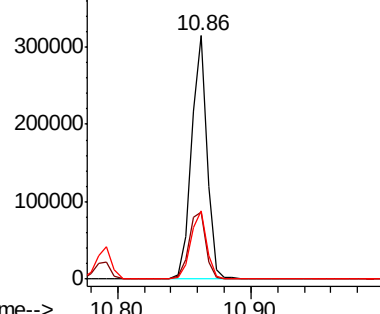


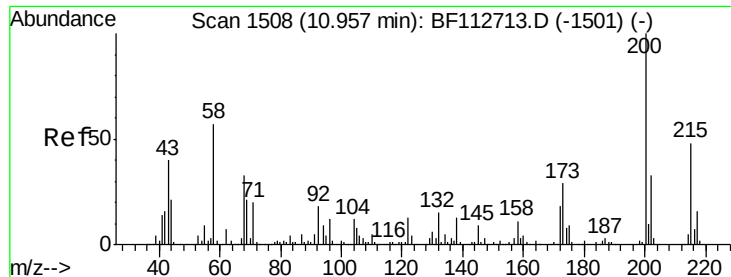
#68
Hexachlorobenzene
Concen: 41.904 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion:284 Resp: 259854
Ion Ratio Lower Upper
284 100
142 27.7 31.0 46.6#
249 27.8 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

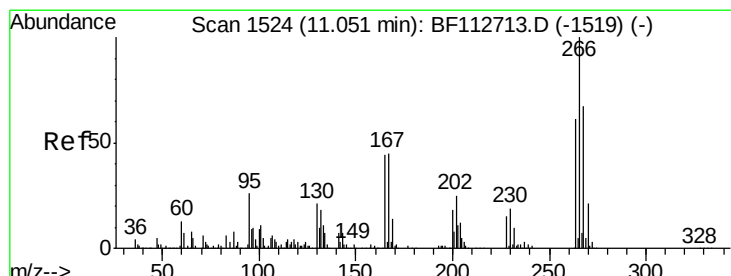
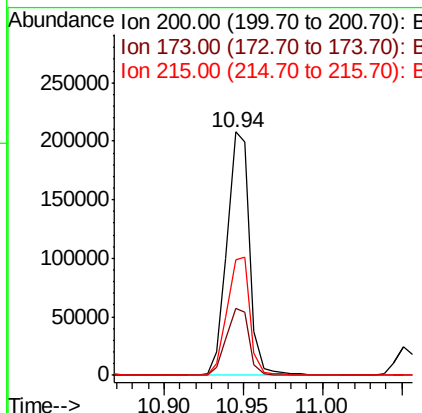
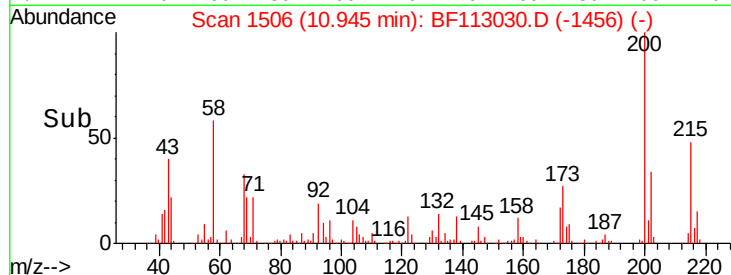
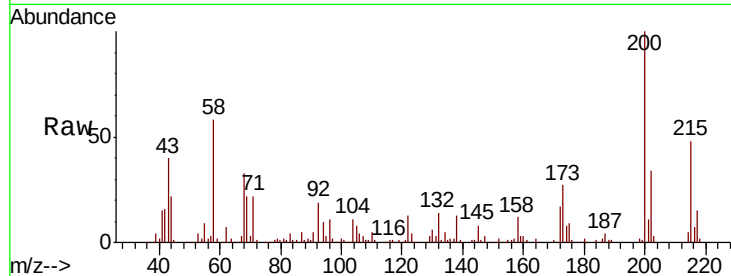




#69
 Atrazine
 Concen: 39.931 ng
 RT: 10.94 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

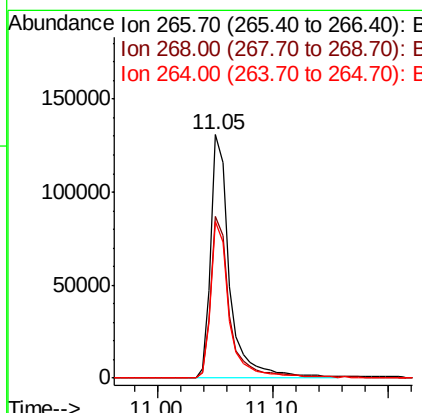
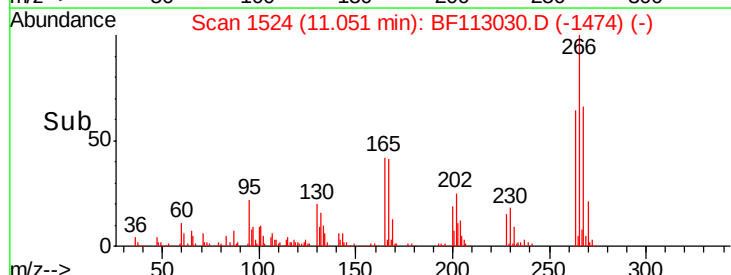
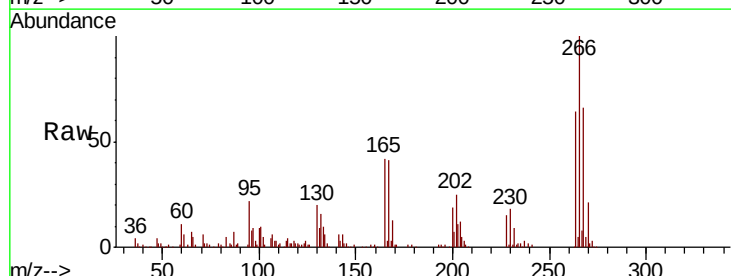
Instrument :
 BNA_F
 ClientSampled :

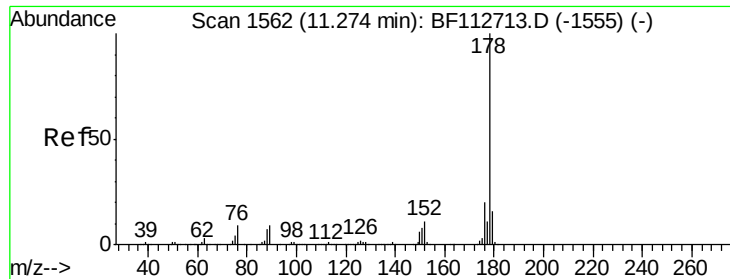
Tot Ion:200 Resp: 204843
 Ion Ratio Lower Upper
 200 100
 173 27.3 9.1 49.1
 215 47.7 28.2 68.2



#70
 Pentachlorophenol
 Concen: 41.095 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

Tgt Ion:266 Resp: 149990
 Ion Ratio Lower Upper
 266 100
 268 66.2 53.3 79.9
 264 64.1 48.9 73.3

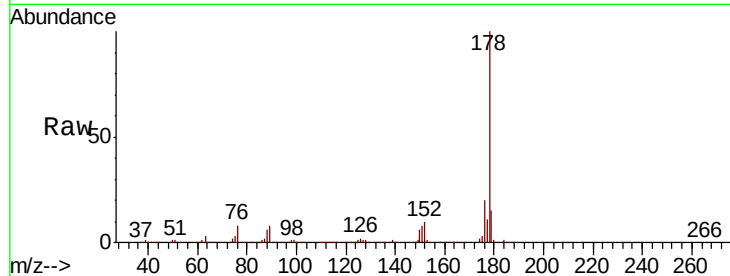




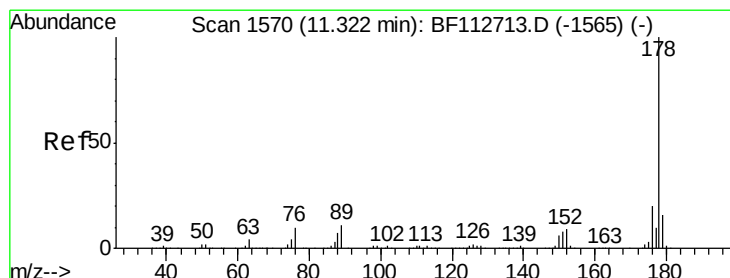
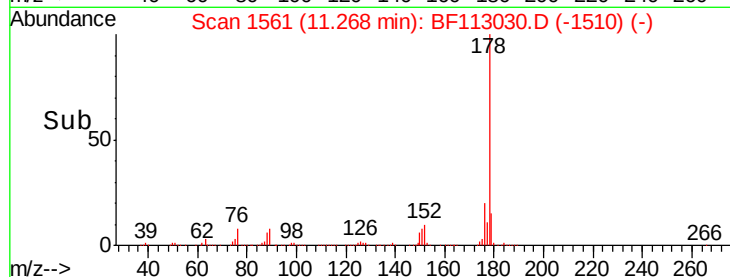
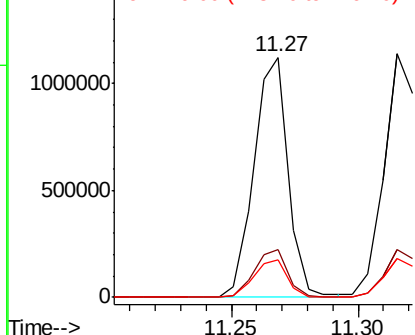
#71
Phenanthrene
Concen: 40.357 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1048691
Ion Ratio Lower Upper
178 100
176 20.0 16.3 24.5
179 15.4 12.7 19.1

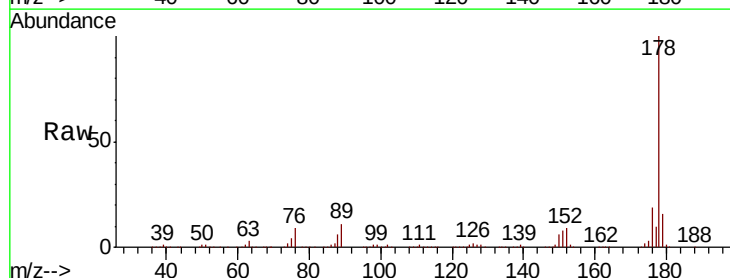


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

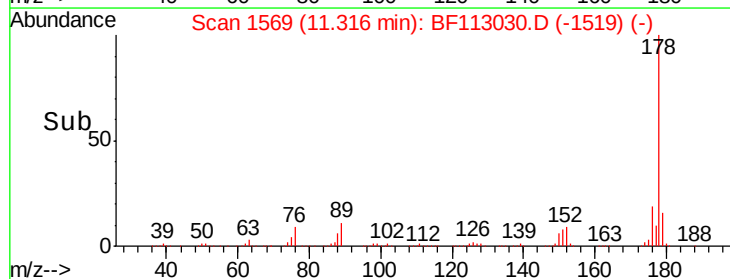
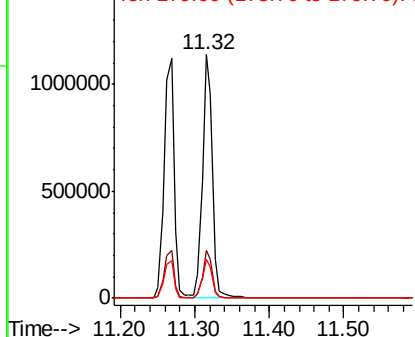


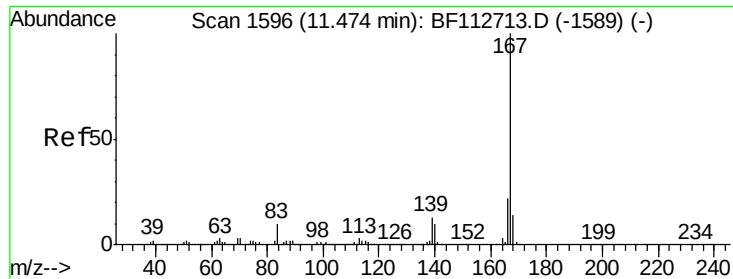
#72
Anthracene
Concen: 39.721 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion:178 Resp: 1080443
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 16.1 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



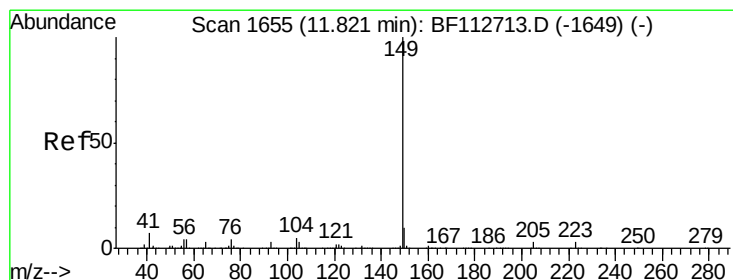
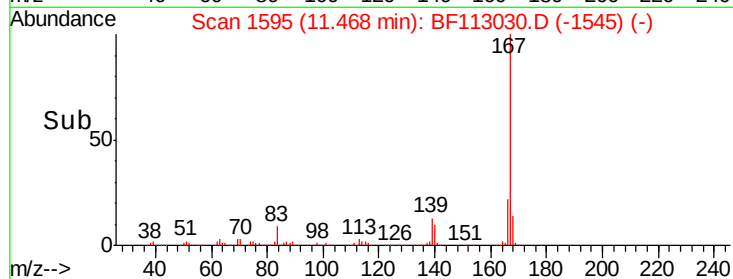
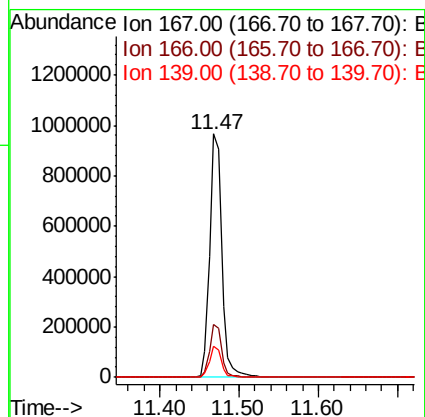
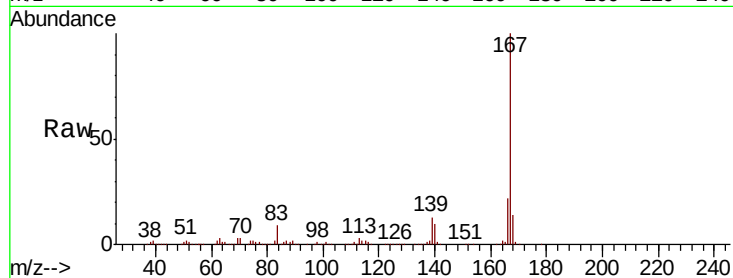


#73
 Carbazole
 Concen: 39.191 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1039933

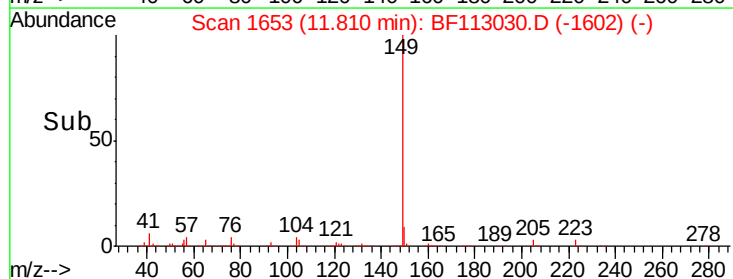
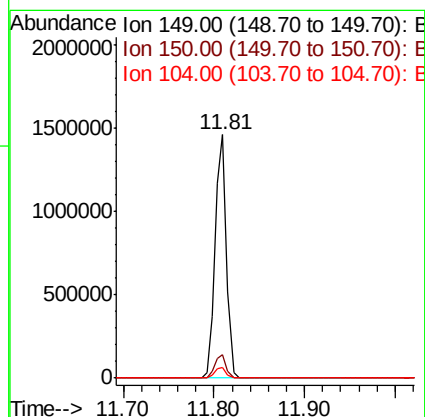
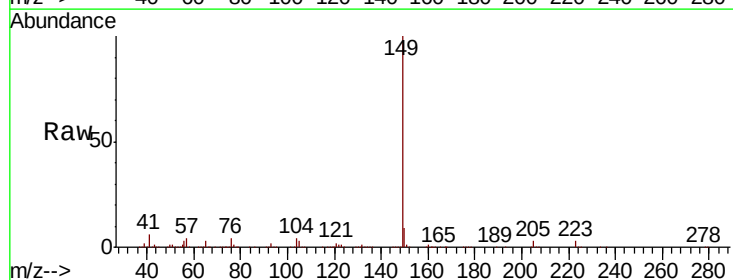
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.5	26.3
139	12.8	10.8	16.2

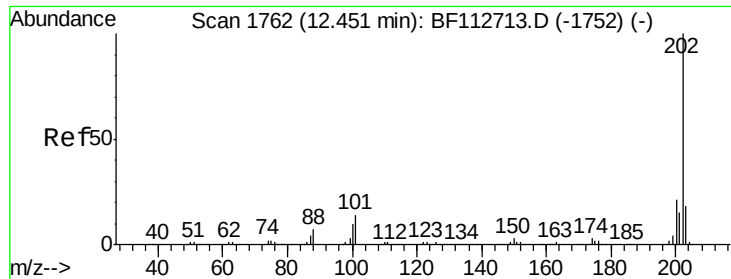


#74
 Di-n-butylphthalate
 Concen: 40.130 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BF113030.D
 Acq: 13 Mar 2019 10:46

Tgt Ion:149 Resp: 1276806

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.4	3.7	5.5

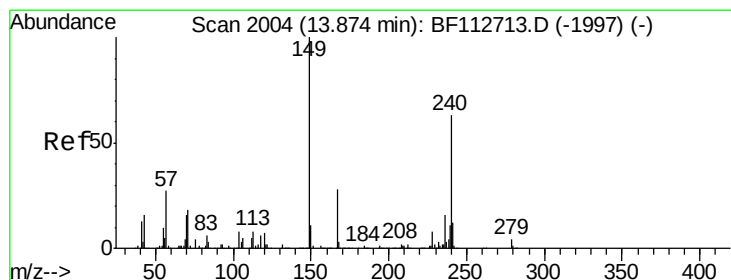
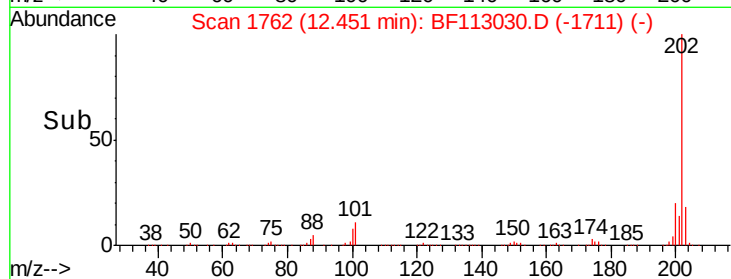
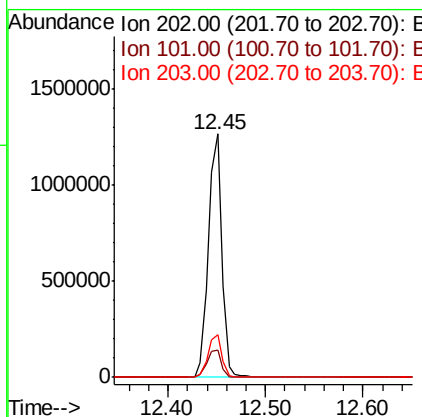
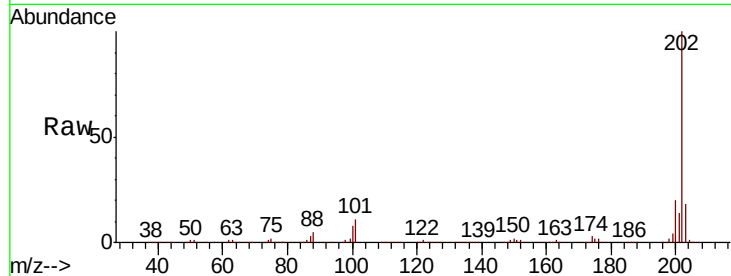




#75
Fluoranthene
Concen: 43.843 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

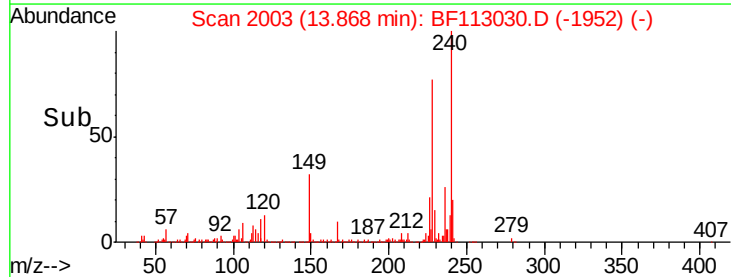
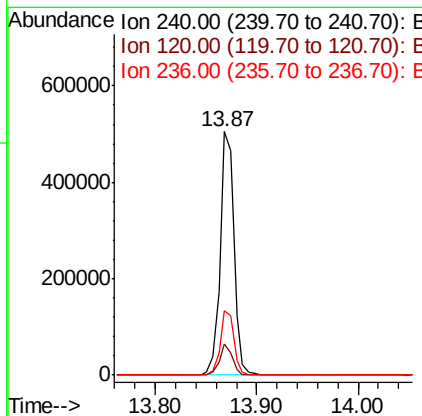
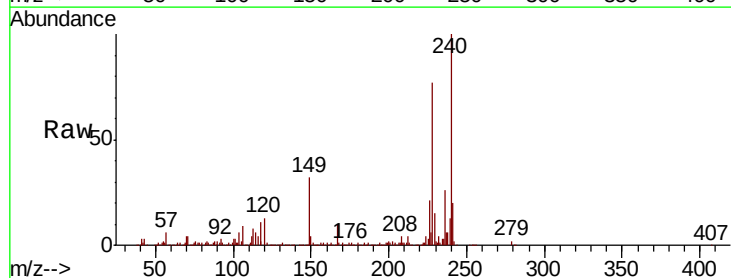
Instrument :
BNA_F
ClientSampleId :

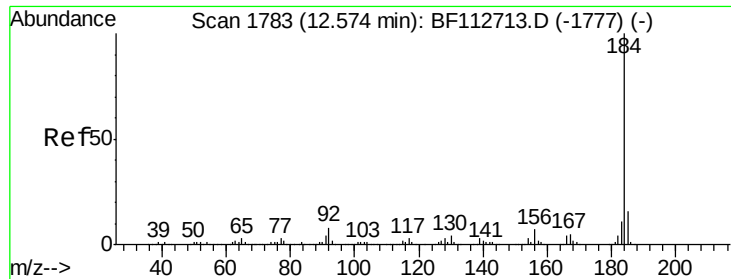
Tot Ion:202 Resp: 1220596
Ion Ratio Lower Upper
202 100
101 11.0 0.0 33.8
203 17.6 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion:240 Resp: 477450
Ion Ratio Lower Upper
240 100
120 12.8 8.9 13.3
236 26.4 20.7 31.1





#77

Benzidine

Concen: 25.521 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

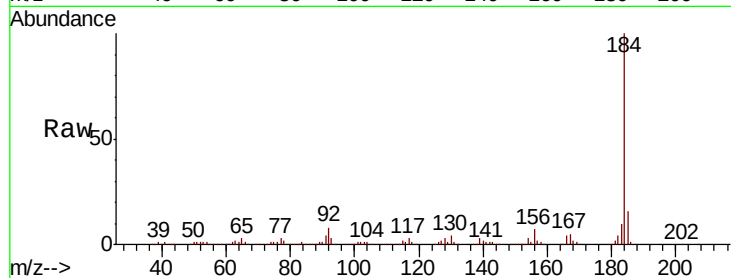
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 632189

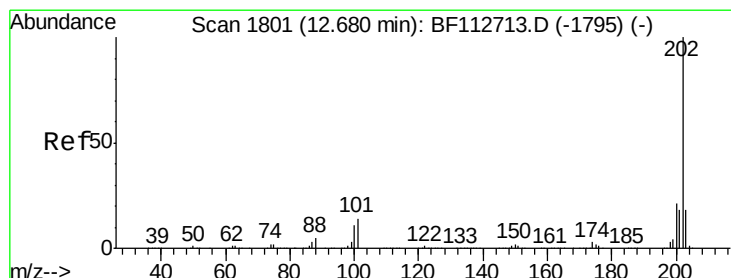
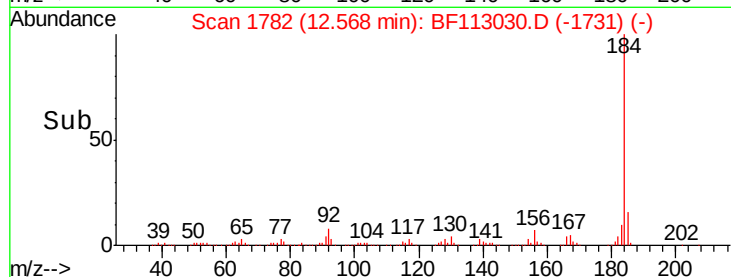
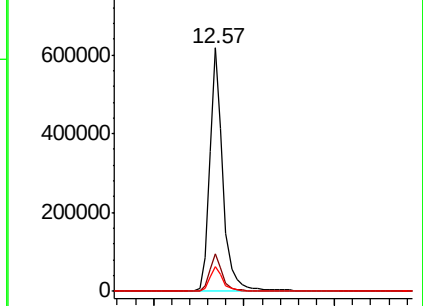
Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.6	18.8
183	10.4	8.6	12.8



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: 31.274 ng

RT: 12.67 min Scan# 1800

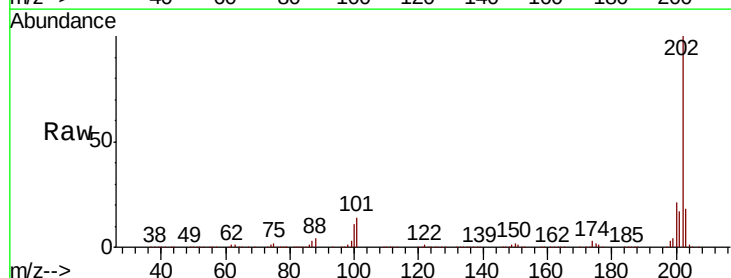
Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Tgt Ion:202 Resp: 1258800

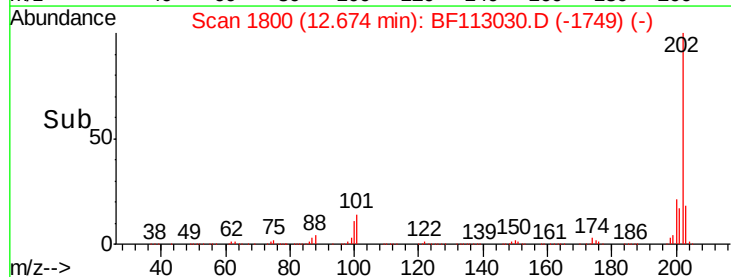
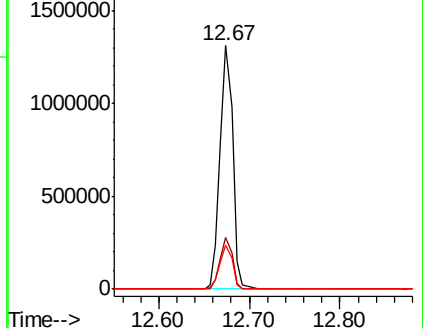
Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.9	14.4	21.6

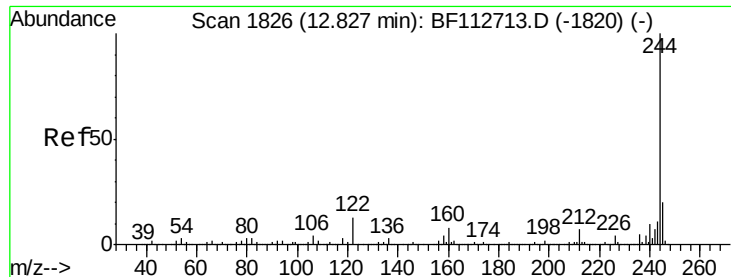


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.134 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

ClientSampleId :

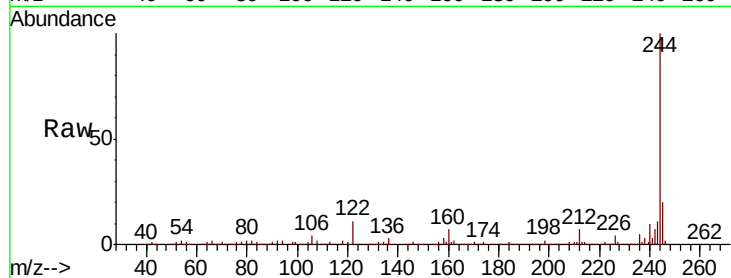
Tot Ion:244 Resp: 1604256

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

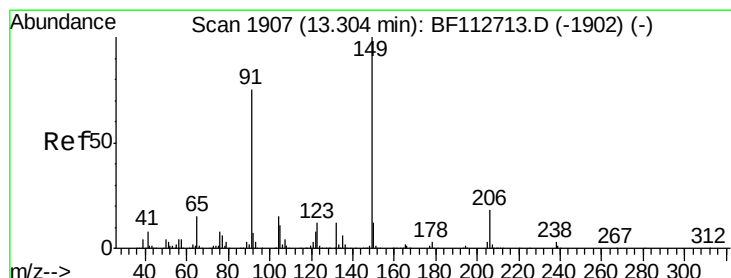
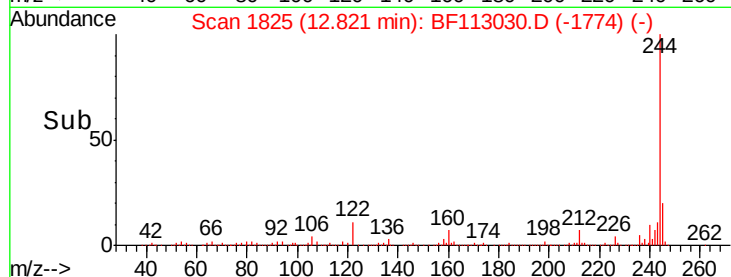
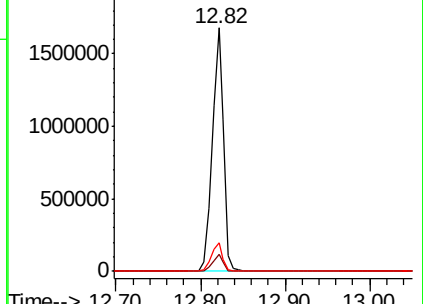
122 11.5 10.5 15.7



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: 32.476 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

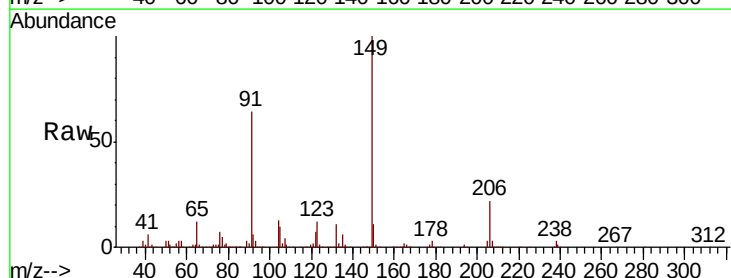
Tgt Ion:149 Resp: 576985

Ion Ratio Lower Upper

149 100

91 64.4 59.9 89.9

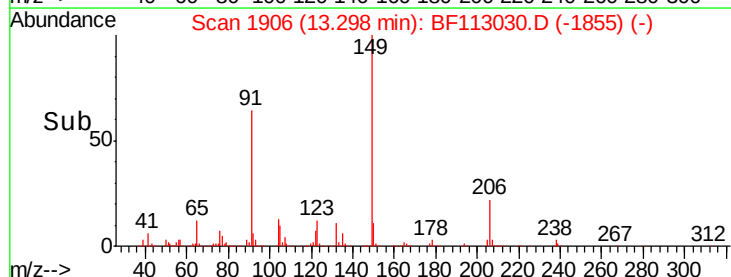
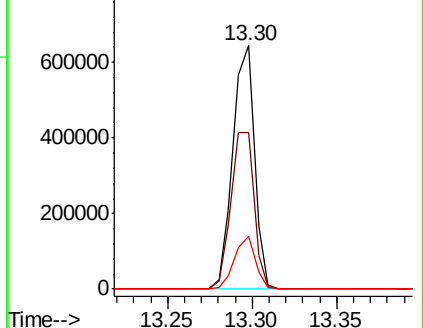
206 21.7 14.7 22.1

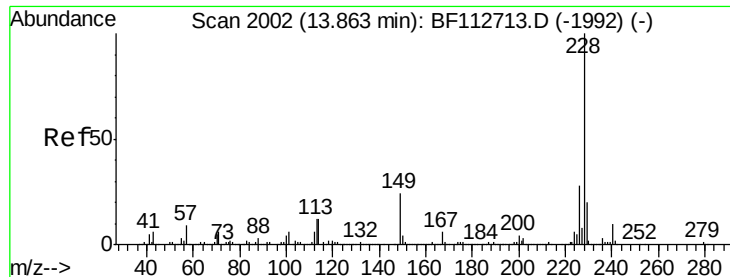


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 33.618 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

ClientSampleId :

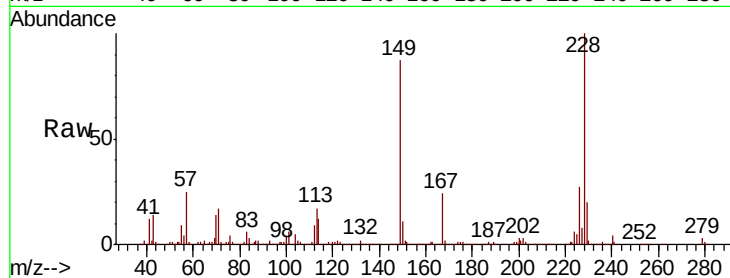
Tot Ion:228 Resp: 1112446

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

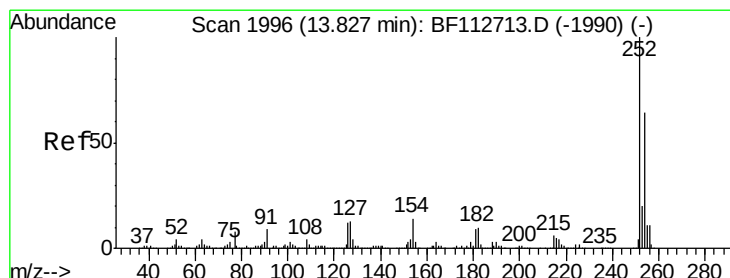
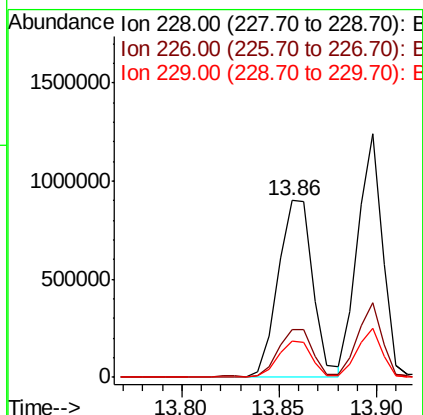
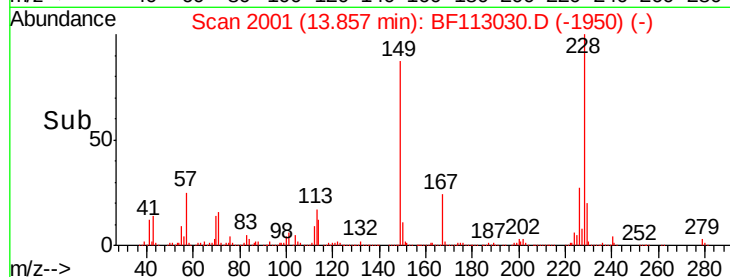
229 20.4 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.192 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

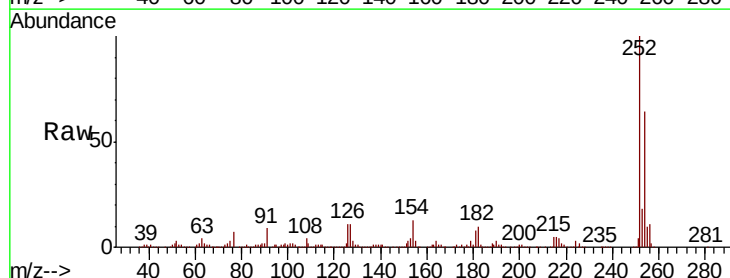
Tgt Ion:252 Resp: 465458

Ion Ratio Lower Upper

252 100

254 64.4 51.1 76.7

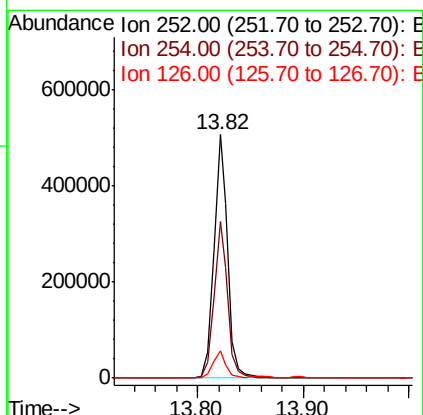
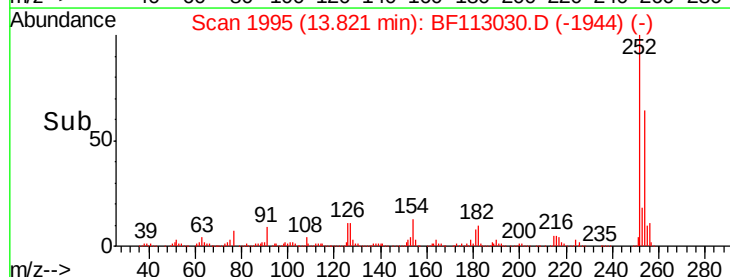
126 11.4 9.9 14.9

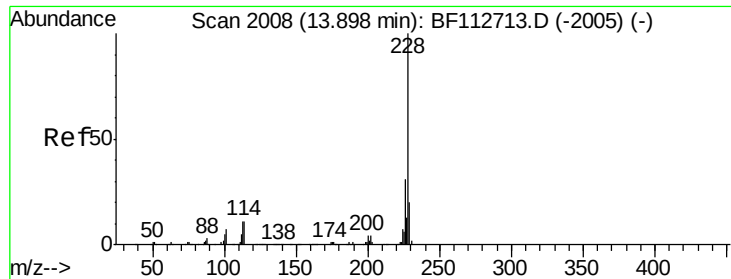


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

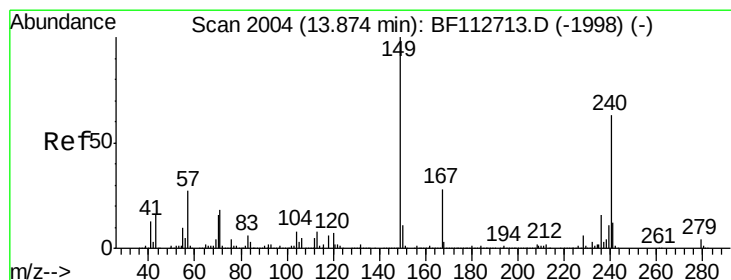
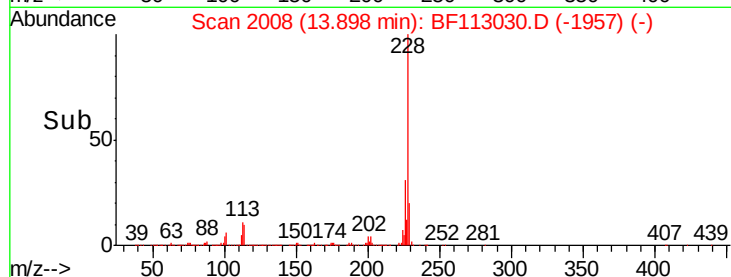
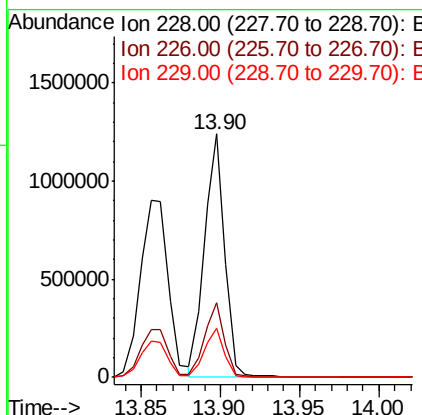
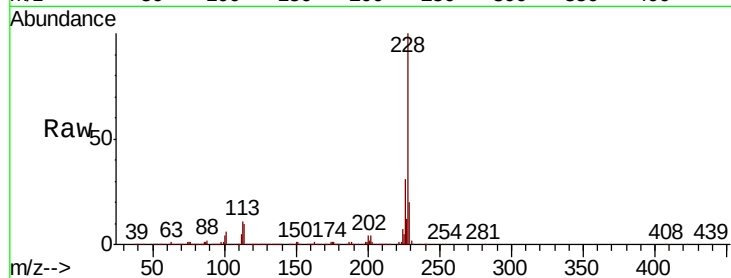




#83
Chrysene
Concen: 34.152 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

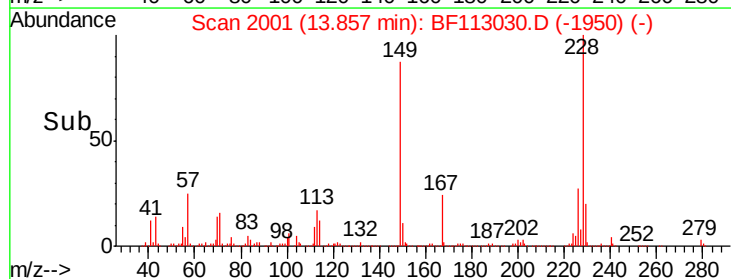
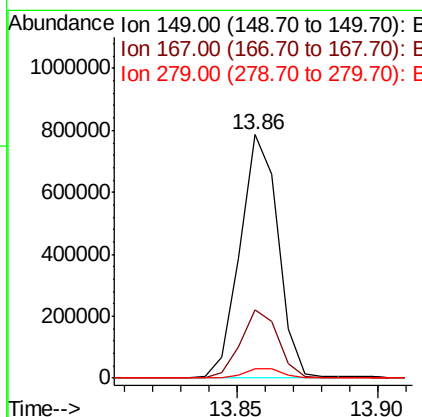
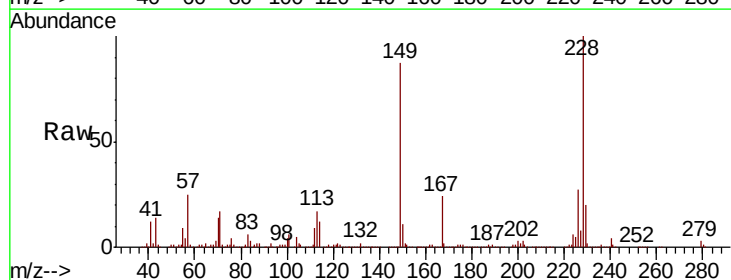
Instrument :
BNA_F
ClientSampleId :

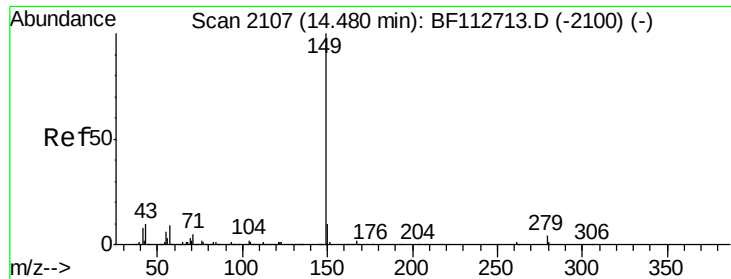
Tot Ion:228 Resp: 1106961
Ion Ratio Lower Upper
228 100
226 30.6 24.9 37.3
229 20.0 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 35.285 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion:149 Resp: 735314
Ion Ratio Lower Upper
149 100
167 27.9 22.4 33.6
279 3.9 3.3 4.9

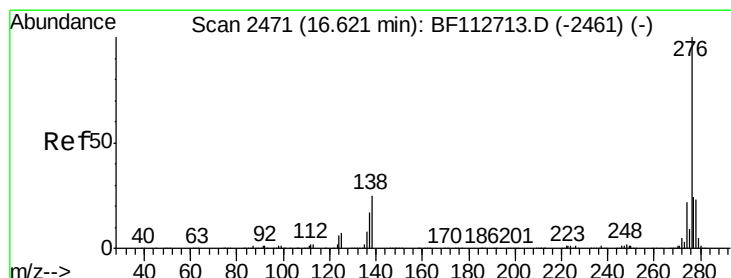
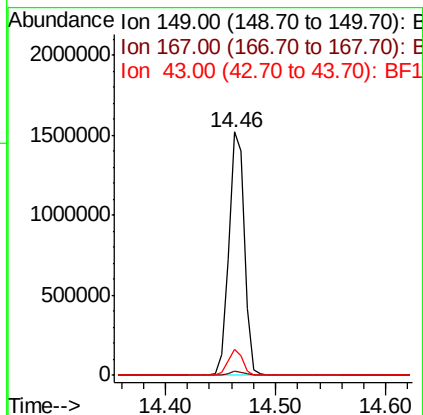
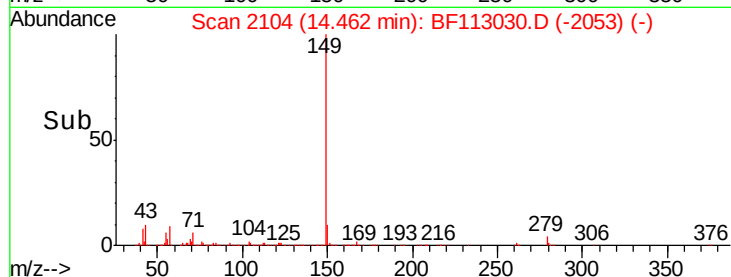
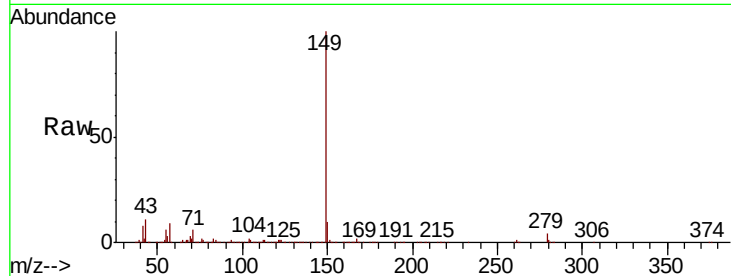




#85
Di-n-octyl phthalate
Concen: 42.046 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

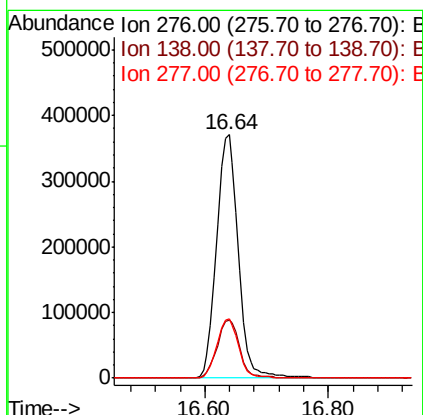
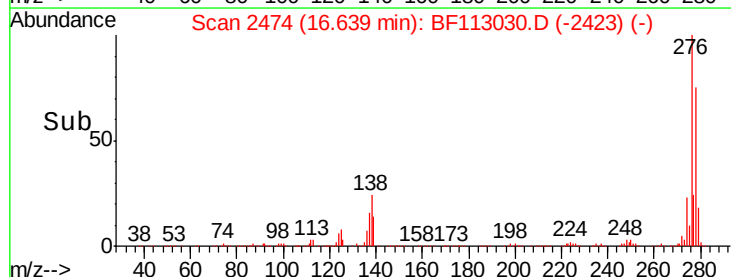
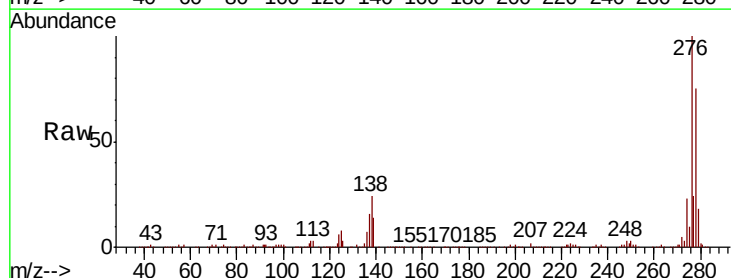
Instrument :
BNA_F
ClientSampleId :

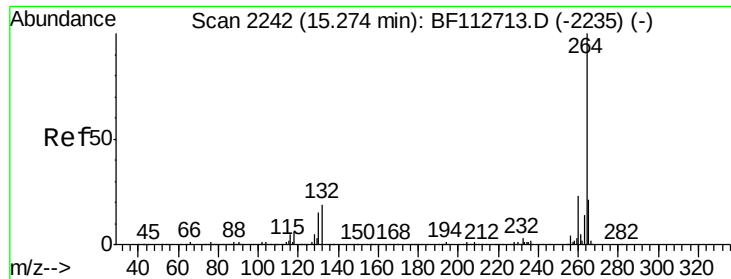
Tot Ion:149 Resp: 1504588
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.8 9.0 13.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 32.827 ng
RT: 16.64 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion:276 Resp: 907110
Ion Ratio Lower Upper
276 100
138 24.6 23.2 34.8
277 24.5 19.9 29.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

ClientSampleId :

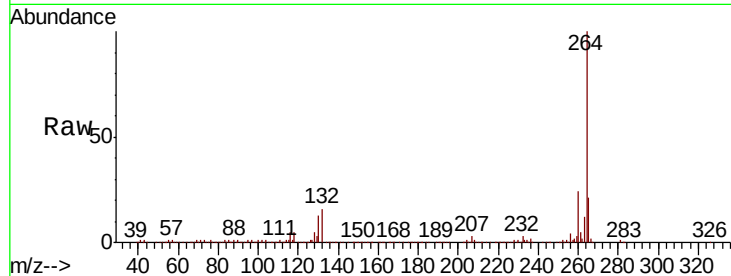
Tot Ion:264 Resp: 408830

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

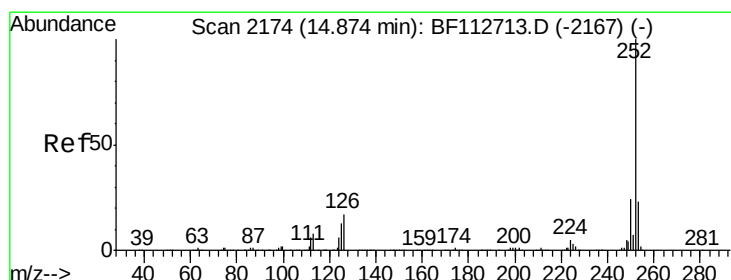
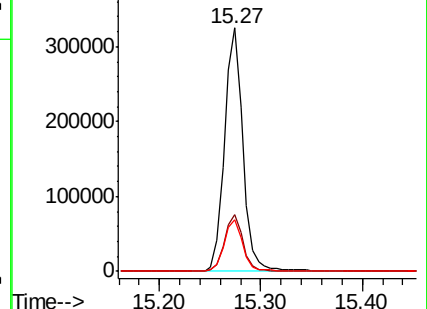
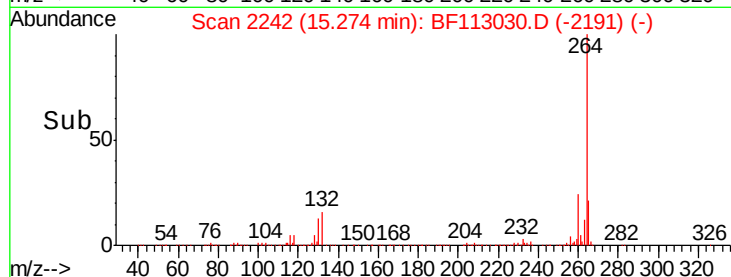
265 21.3 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 34.641 ng

RT: 14.90 min Scan# 2179

Delta R.T. 0.03 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

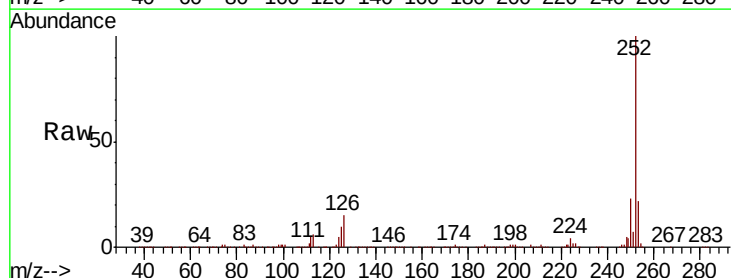
Tgt Ion:252 Resp: 916068

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

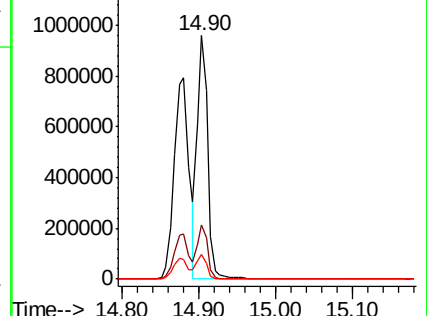
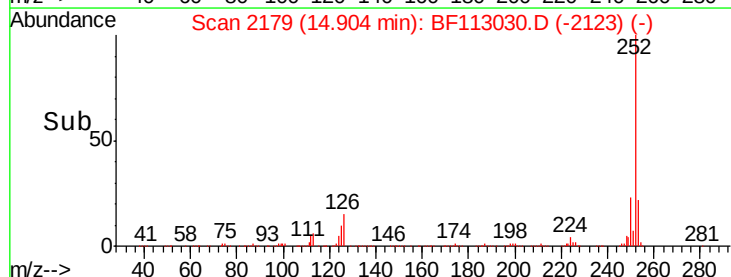
125 10.3 10.2 15.2

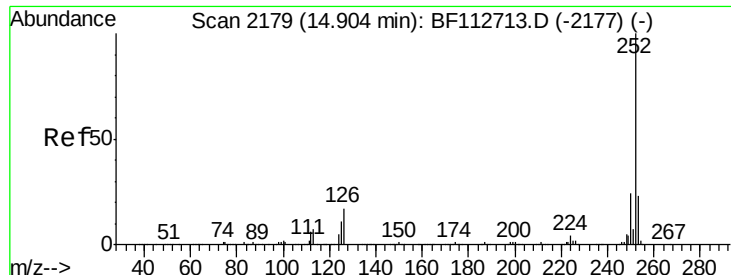


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

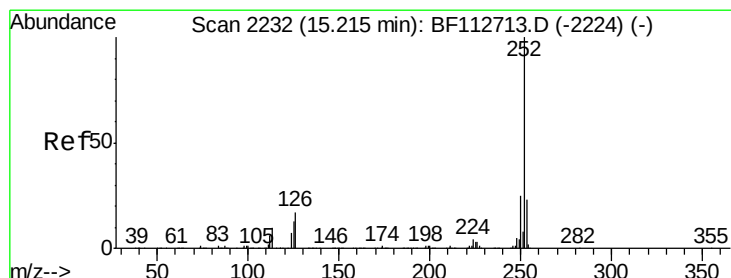
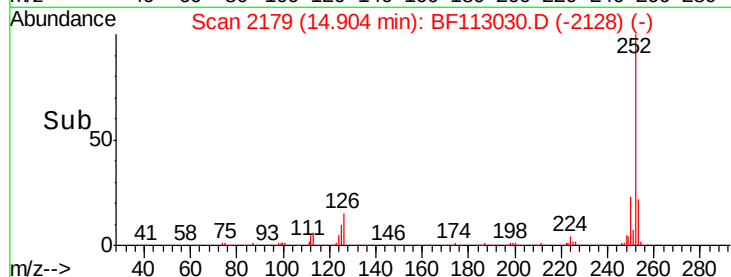
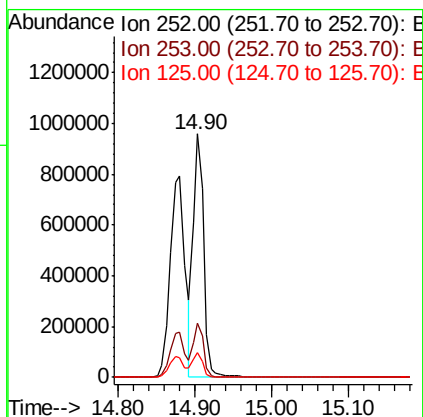
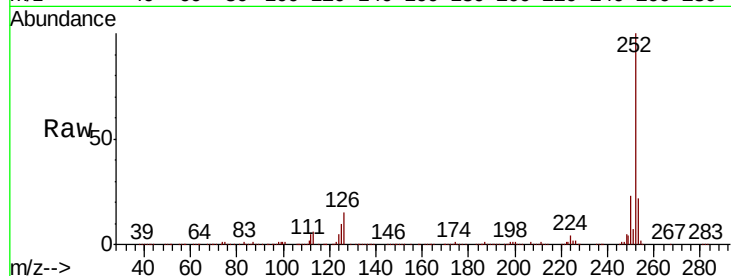




#89
Benzo(k)fluoranthene
Concen: 38.244 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

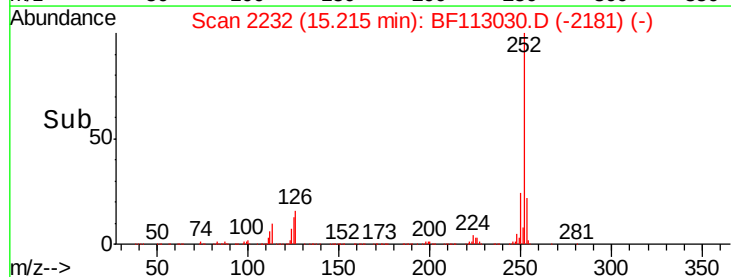
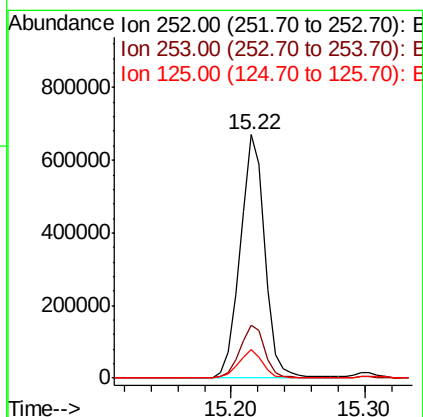
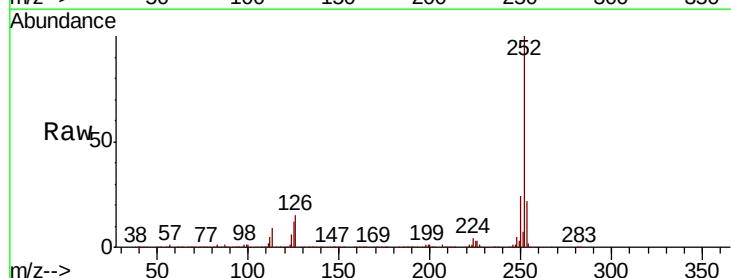
Instrument :
BNA_F
ClientSampleId :

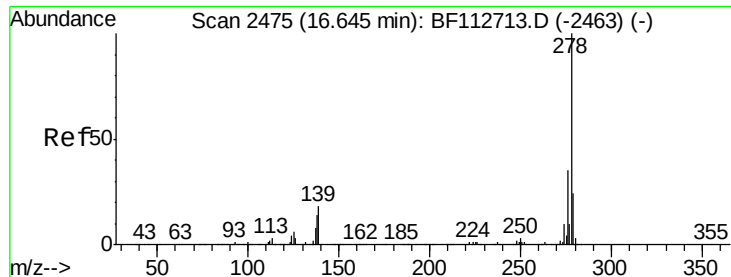
Tot Ion:252 Resp: 916068
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 10.3 9.8 14.6



#90
Benzo(a)pyrene
Concen: 36.462 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF113030.D
Acq: 13 Mar 2019 10:46

Tgt Ion:252 Resp: 852852
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 11.8 10.7 16.1





#91

Dibenzo(a,h)anthracene

Concen: 37.985 ng

RT: 16.65 min Scan# 2476

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Instrument :

BNA_F

ClientSampled :

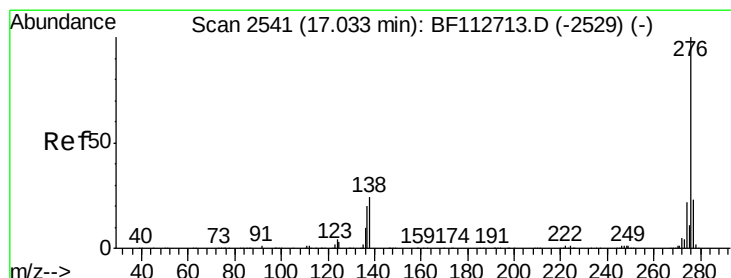
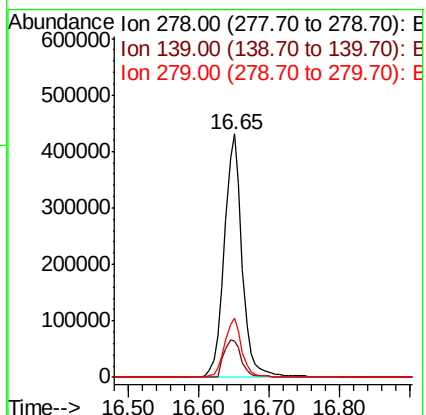
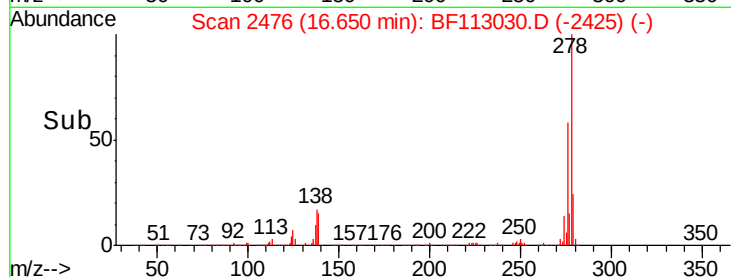
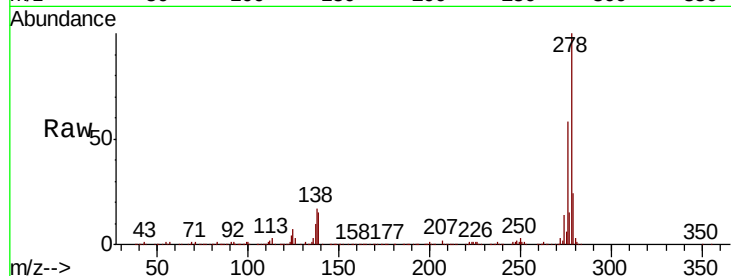
Tot Ion:278 Resp: 758150

Ion Ratio Lower Upper

278 100

139 14.9 14.3 21.5

279 24.2 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 36.061 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.00 min

Lab File: BF113030.D

Acq: 13 Mar 2019 10:46

Tgt Ion:276 Resp: 722738

Ion Ratio Lower Upper

276 100

277 24.0 18.6 27.8

138 21.4 19.4 29.0

