

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030719\
 Data File : BF112922.D
 Acq On : 7 Mar 2019 15:41
 Operator : JU/SJ
 Sample : K1757-07MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 00:19:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	210267	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	811634	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	403568	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	835719	20.00	ng	0.00
76) Chrysene-d12	13.87	240	604734	20.00	ng	0.00
87) Perylene-d12	15.27	264	607769	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1397314	103.37	ng	0.00
7) Phenol-d6	6.37	99	1831375	107.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	1123357	82.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	554742	129.48	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1698716	65.69	ng	0.00
79) Terphenyl-d14	12.82	244	1978071	63.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.43	88	189004	27.894	ng	97
3) Pyridine	3.15	79	502585	27.725	ng	97
4) n-Nitrosodimethylamine	3.08	42	225203	28.399	ng	94
6) Aniline	6.39	93	525114	22.467	ng	# 27
8) 2-Chlorophenol	6.52	128	480276	31.918	ng	93
9) Benzaldehyde	6.27	77	267473	21.862	ng	99
10) Phenol	6.39	94	669349	33.781	ng	85
11) bis(2-Chloroethyl)ether	6.47	93	474180	31.179	ng	97
12) 1,3-Dichlorobenzene	6.67	146	501865	32.287	ng	98
13) 1,4-Dichlorobenzene	6.75	146	510275	32.734	ng	98
14) 1,2-Dichlorobenzene	6.90	146	475647	33.285	ng	99
15) Benzyl Alcohol	6.87	79	423858	32.736	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	766812	30.213	ng	97
17) 2-Methylphenol	6.99	107	408245	33.444	ng	96
18) Hexachloroethane	7.25	117	186377	31.212	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	333530	31.014	ng	97
20) 3+4-Methylphenols	7.15	107	477840	34.672	ng	94
22) Acetophenone	7.14	105	650074	34.254	ng	95
24) Nitrobenzene	7.31	77	524523	34.744	ng	100
25) Isophorone	7.56	82	977653	33.457	ng	97
26) 2-Nitrophenol	7.63	139	270691	43.074	ng	97
27) 2,4-Dimethylphenol	7.67	122	449639	38.459	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	612707	33.537	ng	99
29) 2,4-Dichlorophenol	7.87	162	427241	37.683	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	439348	36.064	ng	98
31) Naphthalene	8.03	128	1389866	34.492	ng	100
32) Benzoic acid	7.77	122	136263	16.629	ng	94
33) 4-Chloroaniline	8.08	127	288371	16.896	ng	99
34) Hexachlorobutadiene	8.16	225	247649	36.046	ng	99
35) Caprolactam	8.45	113	76264	19.098	ng	95
36) 4-Chloro-3-methylphenol	8.57	107	452075	36.029	ng	94
37) 2-Methylnaphthalene	8.73	142	941683	36.187	ng	99
38) 1-Methylnaphthalene	8.83	142	882224	34.998	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	404847	34.401	ng	99

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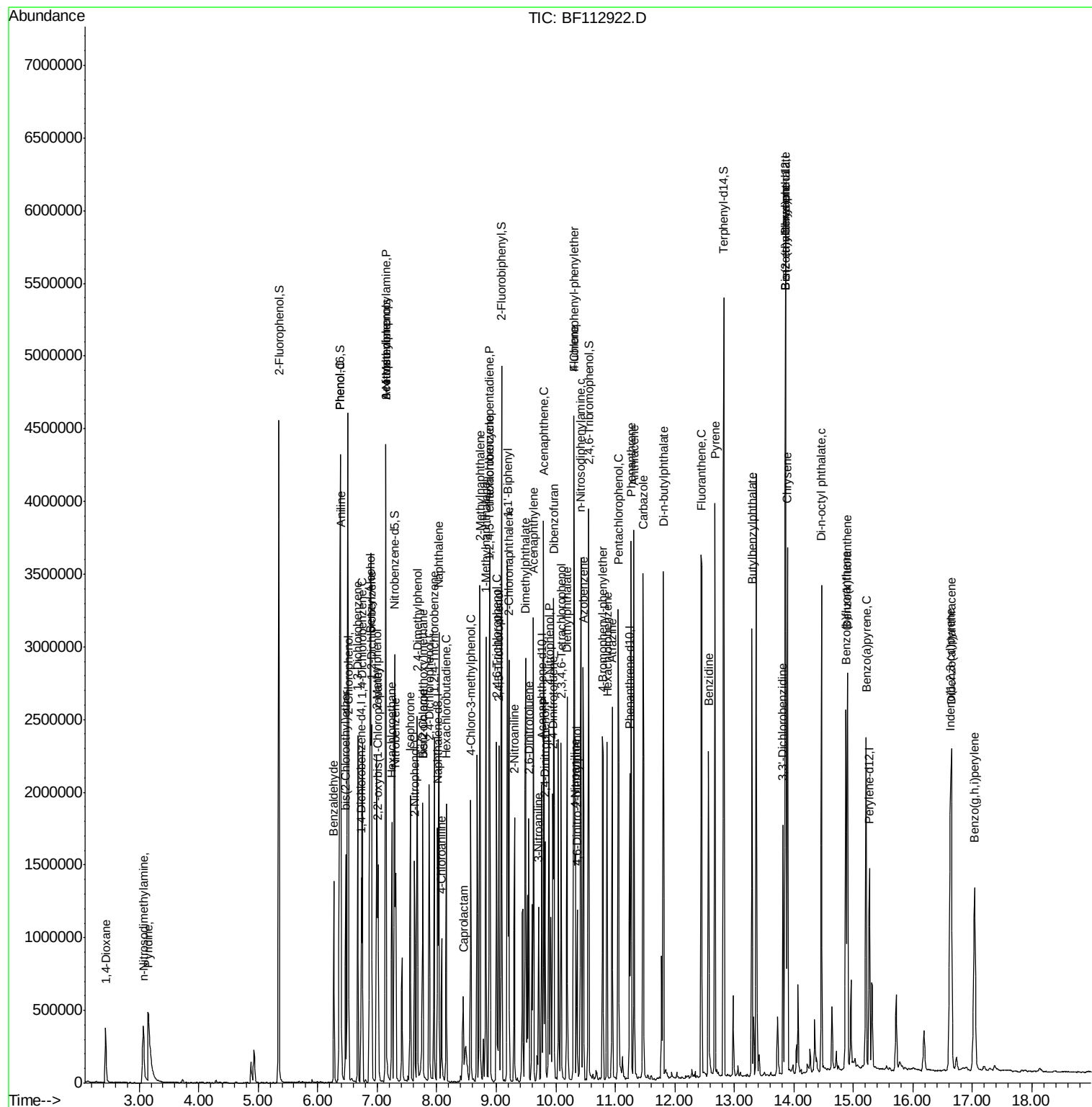
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	489095	75.894	ng	99
43) 2,4,6-Trichlorophenol	9.00	196	315204	38.917	ng	99
44) 2,4,5-Trichlorophenol	9.05	196	337567	38.559	ng	98
46) 1,1'-Biphenyl	9.19	154	1119147	33.999	ng	98
47) 2-Chloronaphthalene	9.21	162	878682	34.186	ng	100
48) 2-Nitroaniline	9.30	65	301990	38.654	ng	96
49) Acenaphthylene	9.63	152	1422019	32.589	ng	99
50) Dimethylphthalate	9.49	163	1224873	41.162	ng	100
51) 2,6-Dinitrotoluene	9.55	165	248386	40.084	ng	# 76
52) Acenaphthene	9.80	154	837176	32.808	ng	99
53) 3-Nitroaniline	9.71	138	194763	25.794	ng	94
54) 2,4-Dinitrophenol	9.82	184	218367	85.655	ng	95
55) Dibenzofuran	9.97	168	1254970	33.839	ng	98
56) 4-Nitrophenol	9.89	139	449758	73.291	ng	94
57) 2,4-Dinitrotoluene	9.95	165	333541	43.303	ng	88
58) Fluorene	10.31	166	922318	35.039	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	298562	40.934	ng	94
60) Diethylphthalate	10.19	149	1090107	34.686	ng	98
61) 4-Chlorophenyl-phenylether	10.30	204	455983	37.232	ng	94
62) 4-Nitroaniline	10.33	138	280625	40.220	ng	96
63) Azobenzene	10.46	77	1021295	31.726	ng	96
65) 4,6-Dinitro-2-methylphenol	10.36	198	158272	46.275	ng	87
66) n-Nitrosodiphenylamine	10.42	169	902778	33.683	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	312342	35.483	ng	# 91
68) Hexachlorobenzene	10.86	284	364647	36.748	ng	# 87
69) Atrazine	10.95	200	301153	36.687	ng	98
70) Pentachlorophenol	11.05	266	415032	71.063	ng	98
71) Phenanthrene	11.27	178	1429510	34.380	ng	99
72) Anthracene	11.32	178	1492548	34.291	ng	100
73) Carbazole	11.47	167	1457027	34.316	ng	100
74) Di-n-butylphthalate	11.81	149	1733555	34.051	ng	100
75) Fluoranthene	12.45	202	1582519	35.524	ng	96
77) Benzidine	12.57	184	834669	26.603	ng	98
78) Pyrene	12.67	202	1621955	31.815	ng	99
80) Butylbenzylphthalate	13.30	149	783883	34.834	ng	90
81) Benzo(a)anthracene	13.86	228	1255098	29.946	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	390174	24.615	ng	100
83) Chrysene	13.89	228	1318761	32.122	ng	100
84) Bis(2-ethylhexyl)phthalate	13.86	149	918744	34.808	ng	99
85) Di-n-octyl phthalate	14.47	149	1731731	38.208	ng	97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1369623	39.132	ng	96
88) Benzo(b)fluoranthene	14.87	252	1296109	32.970	ng	98
89) Benzo(k)fluoranthene	14.90	252	1117893	31.394	ng	99
90) Benzo(a)pyrene	15.22	252	1170099	33.650	ng	97
91) Dibenzo(a,h)anthracene	16.64	278	1139800	38.414	ng	98
92) Benzo(g,h,i)perylene	17.04	276	1177664	39.526	ng	97

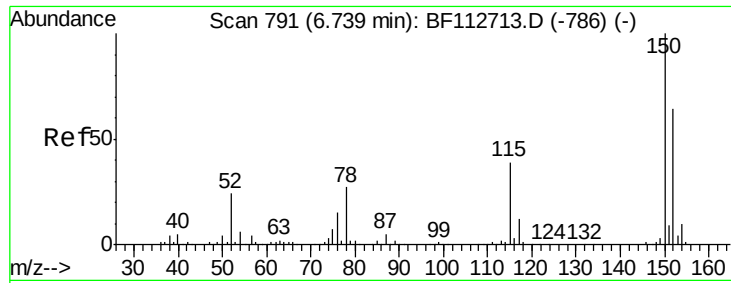
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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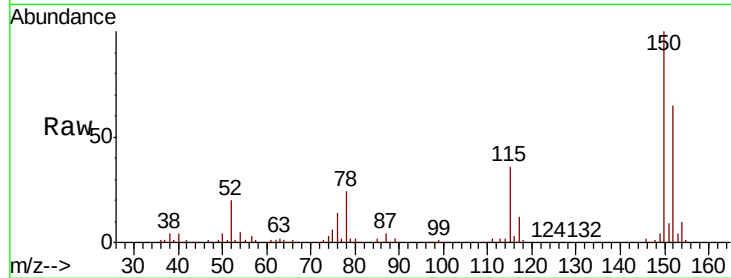


#1

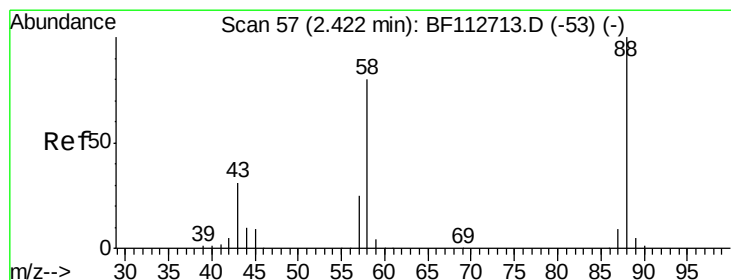
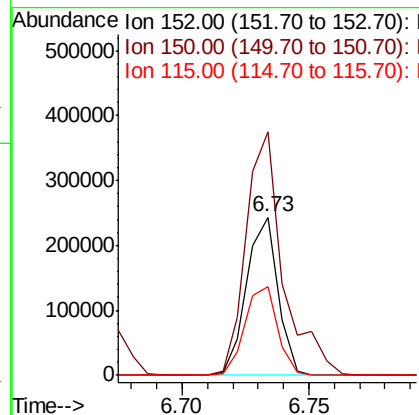
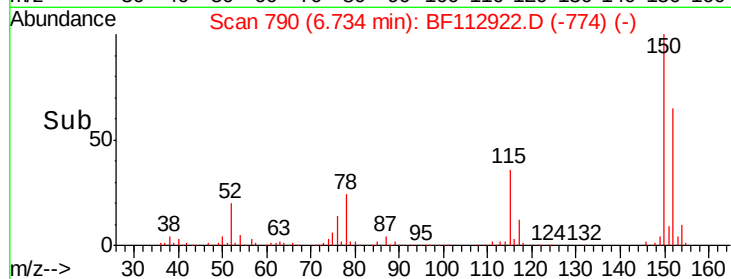
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampled :

Tgt Ion:152 Resp: 210267
Ion Ratio Lower Upper
152 100
150 154.0 124.2 186.2
115 56.2 48.2 72.4



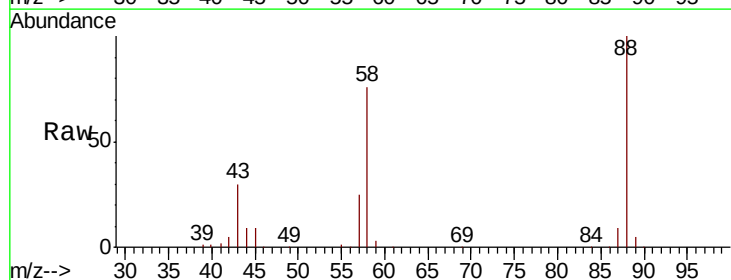
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



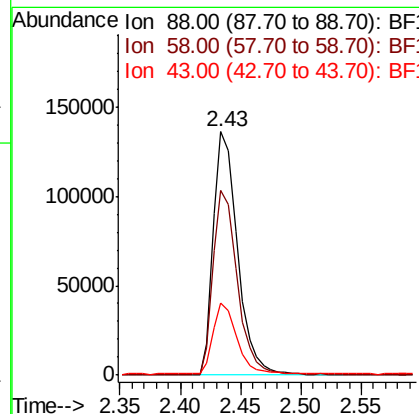
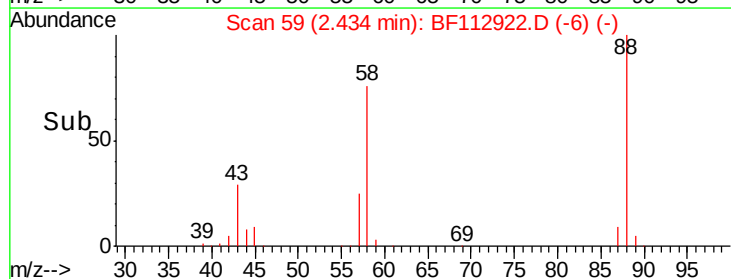
#2

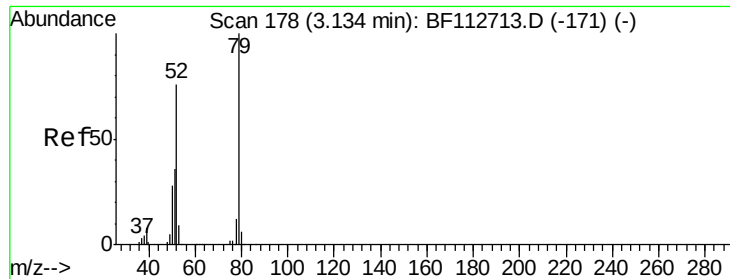
1,4-Dioxane
Concen: 27.894 ng
RT: 2.43 min Scan# 59
Delta R.T. 0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion: 88 Resp: 189004
Ion Ratio Lower Upper
88 100
58 76.1 63.1 94.7
43 29.0 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

Pyridine

Concen: 27.725 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.02 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

ClientSampleId :

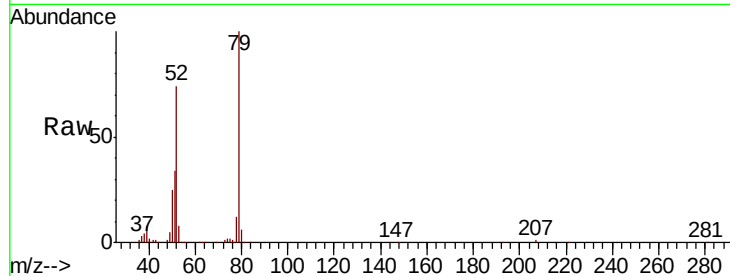
Tgt Ion: 79 Resp: 502585

Ion Ratio Lower Upper

79 100

52 74.0 60.5 90.7

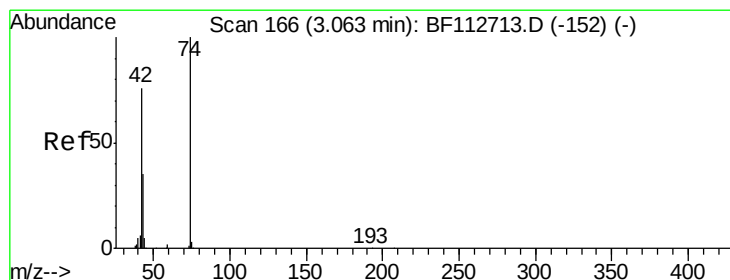
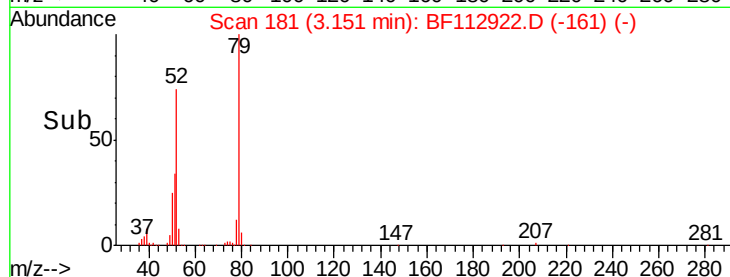
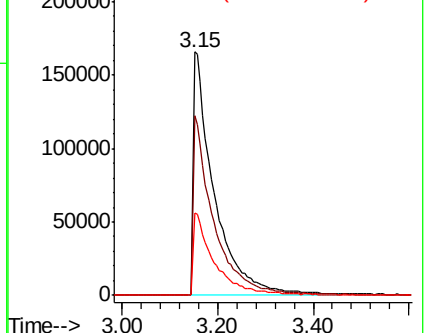
51 33.6 28.8 43.2



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: 28.399 ng

RT: 3.08 min Scan# 168

Delta R.T. 0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

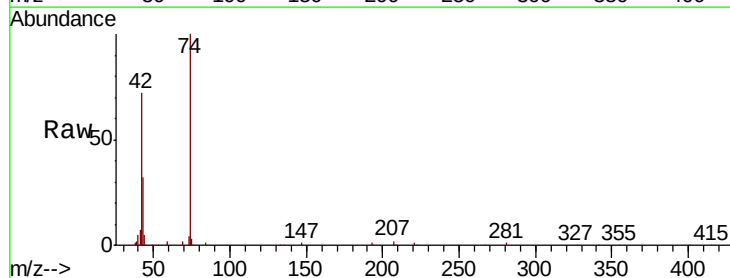
Tgt Ion: 42 Resp: 225203

Ion Ratio Lower Upper

42 100

74 139.5 105.8 158.8

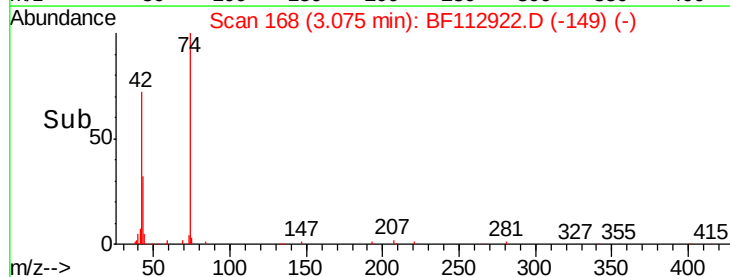
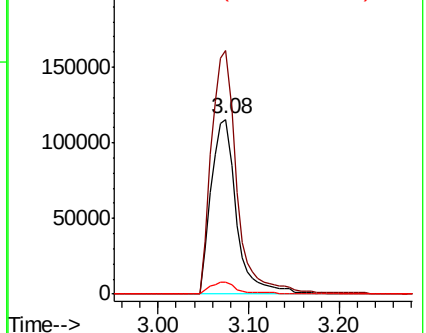
44 7.0 6.2 9.2

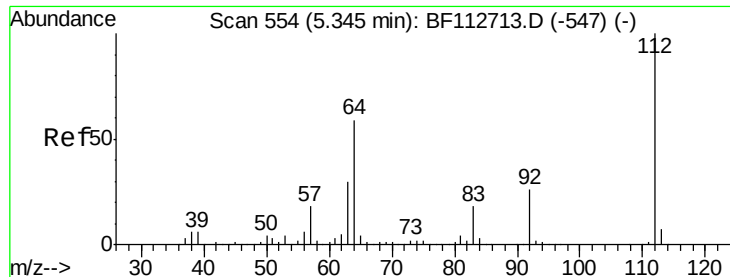


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 103.373 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF112922.D

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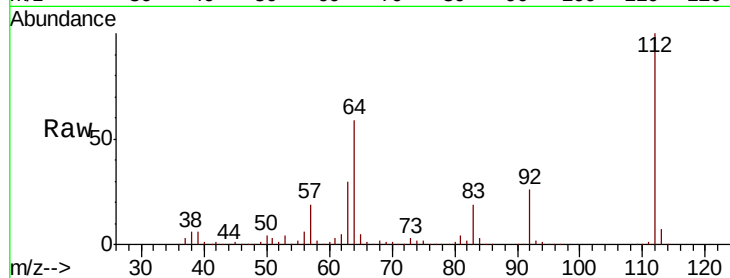
Tgt Ion: 112 Resp: 1397314

Ion Ratio Lower Upper

112 100

64 59.4 47.6 71.4

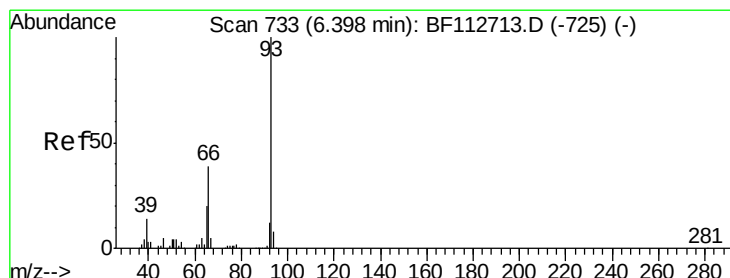
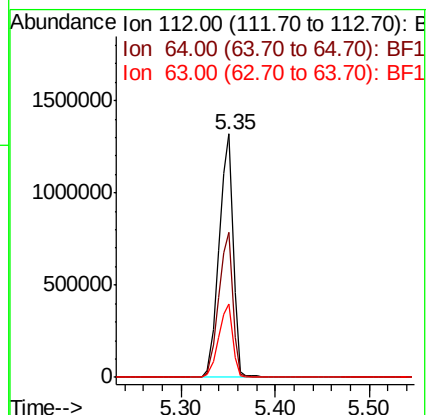
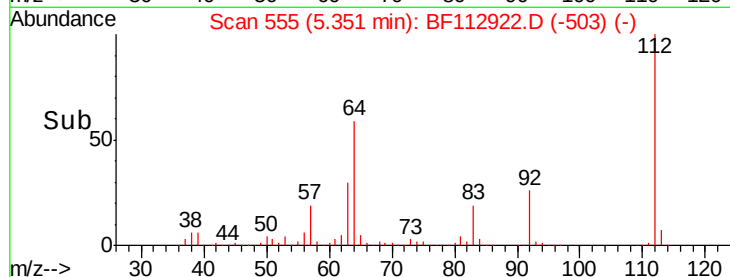
63 30.3 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.467 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

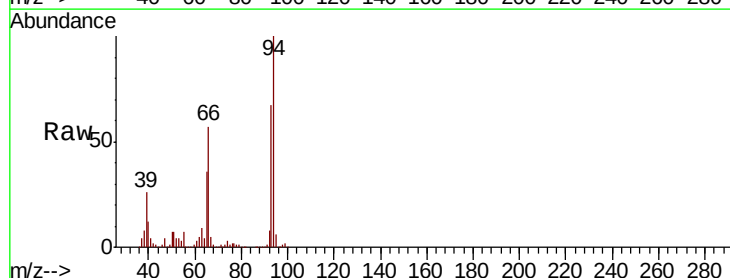
Tgt Ion: 93 Resp: 525114

Ion Ratio Lower Upper

93 100

66 85.1 32.2 48.2#

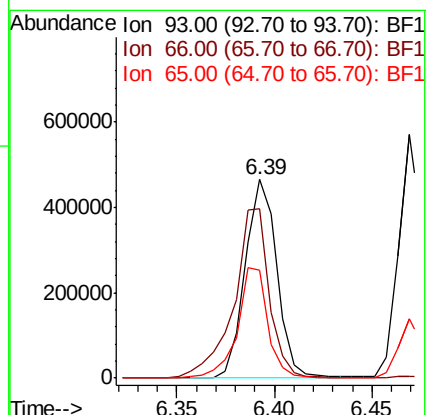
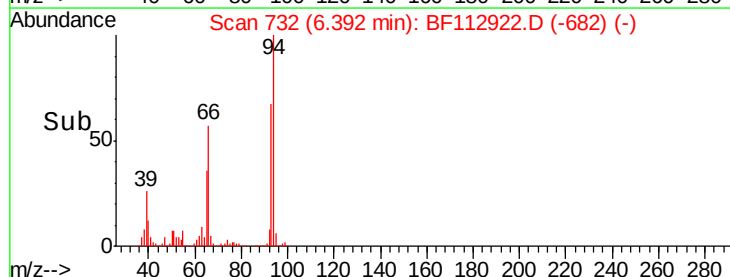
65 54.3 16.2 24.4#

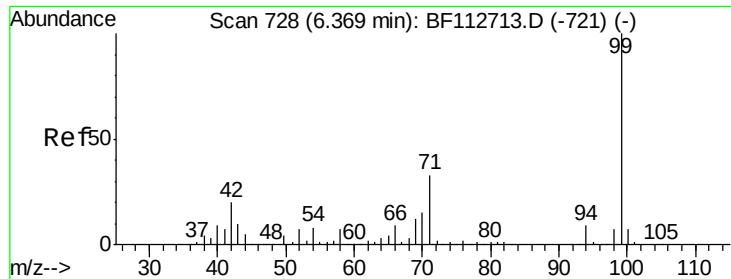


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.855 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112922.D

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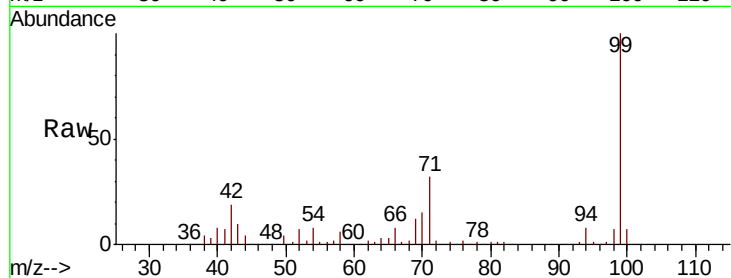
Tgt Ion: 99 Resp: 1831375

Ion Ratio Lower Upper

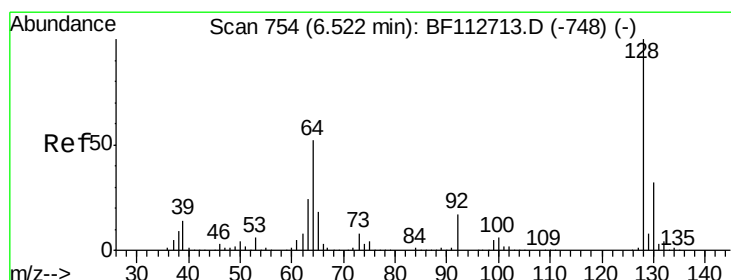
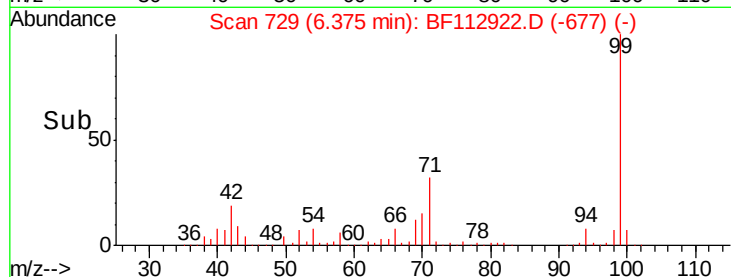
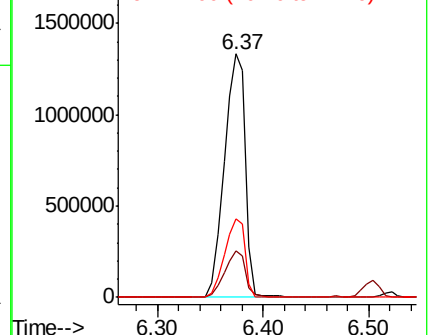
99 100

42 19.0 16.3 24.5

71 32.3 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: 31.918 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

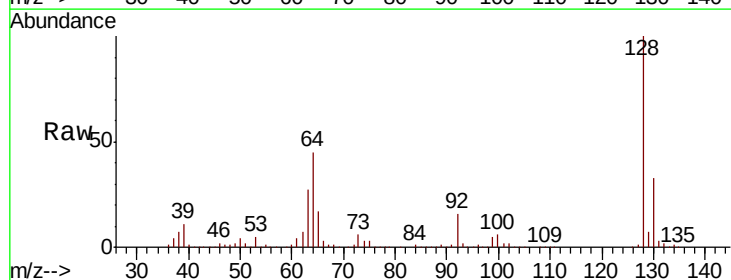
Tgt Ion: 128 Resp: 480276

Ion Ratio Lower Upper

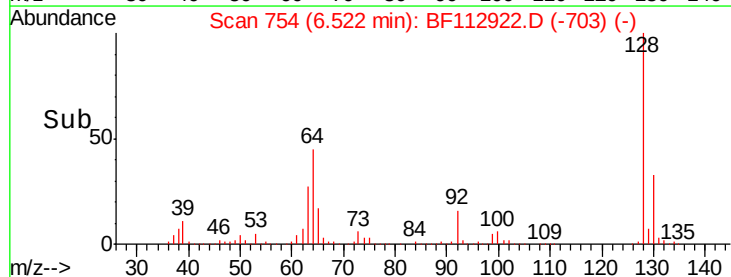
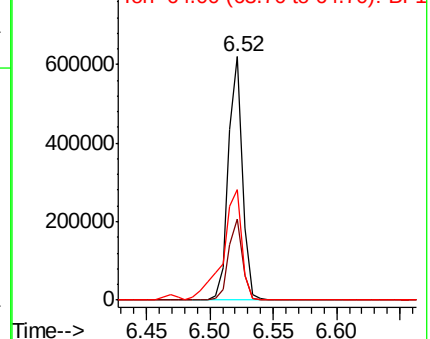
128 100

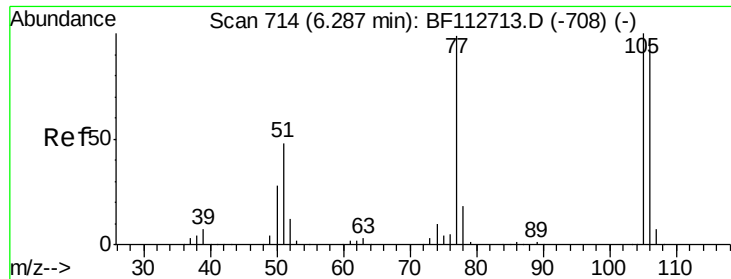
130 33.4 12.4 52.4

64 45.3 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: 21.862 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

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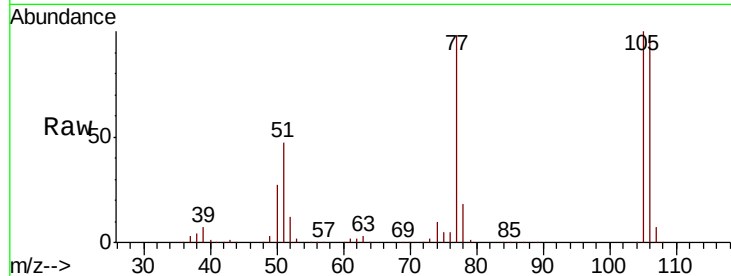
Tgt Ion: 77 Resp: 267473

Ion Ratio Lower Upper

77 100

105 101.7 81.4 121.4

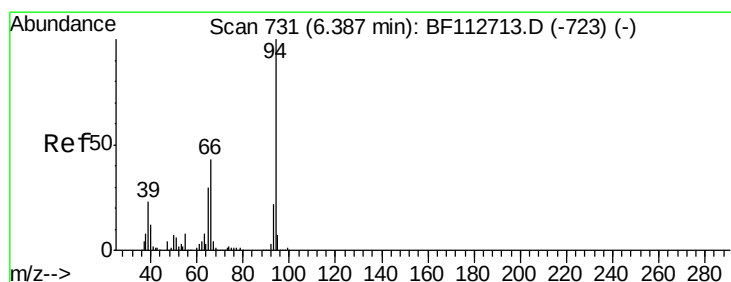
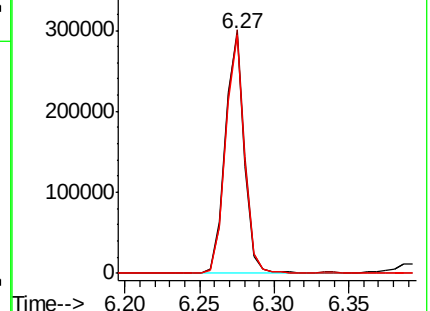
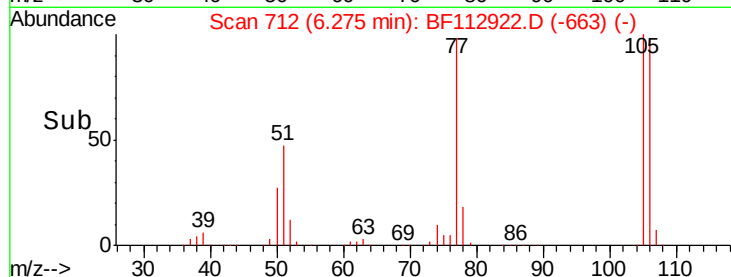
106 99.6 78.3 118.3



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: 33.781 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

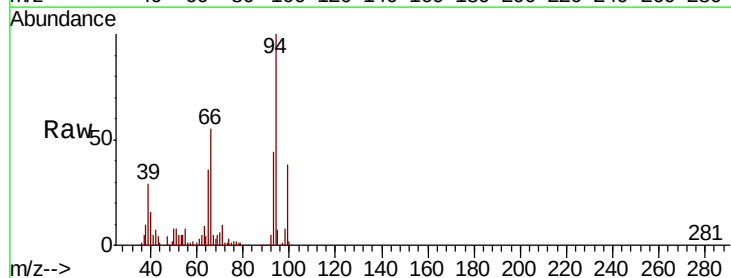
Tgt Ion: 94 Resp: 669349

Ion Ratio Lower Upper

94 100

65 36.1 10.5 50.5

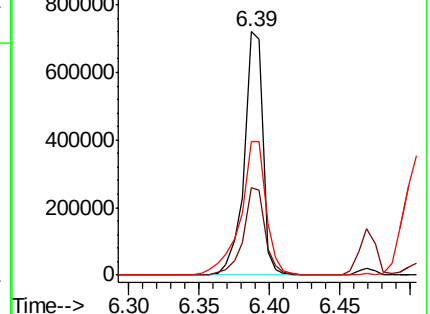
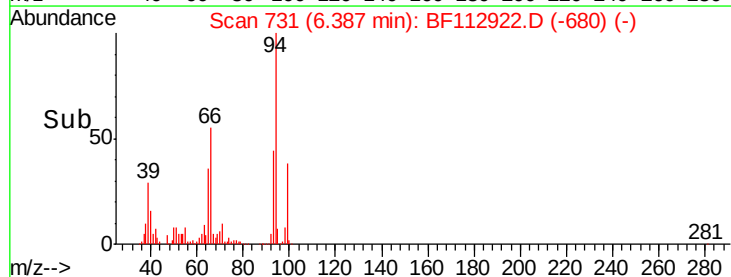
66 54.7 22.6 62.6

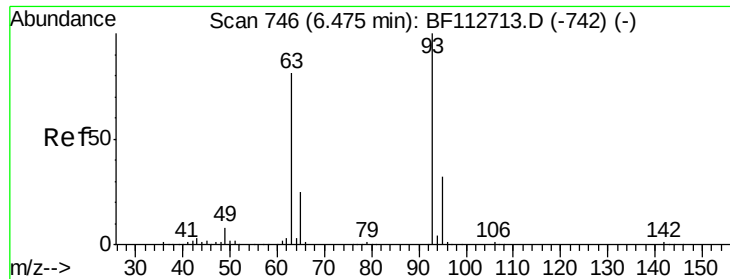


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

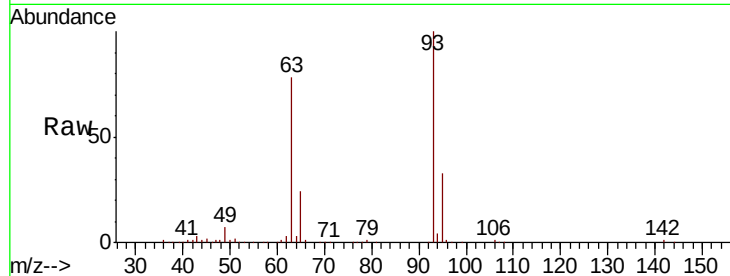




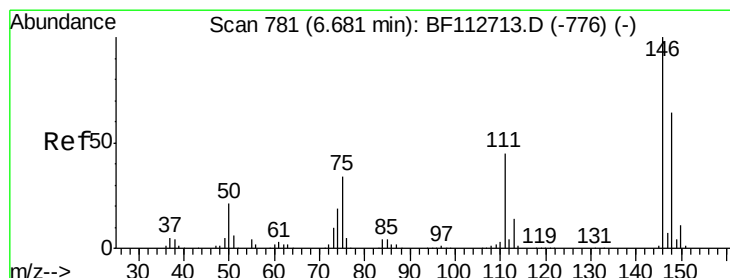
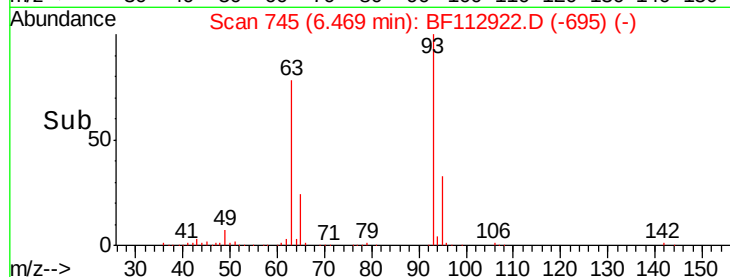
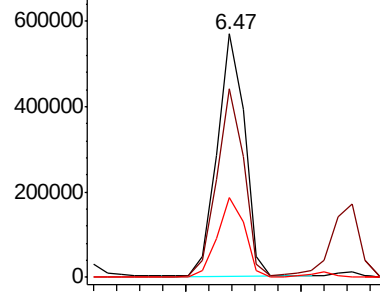
#11
bis(2-Chloroethyl)ether
Concen: 31.179 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 474180
Ion Ratio Lower Upper
93 100
63 77.7 60.5 100.5
95 32.8 12.1 52.1

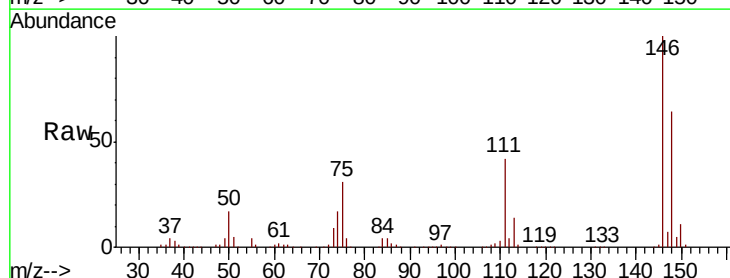


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

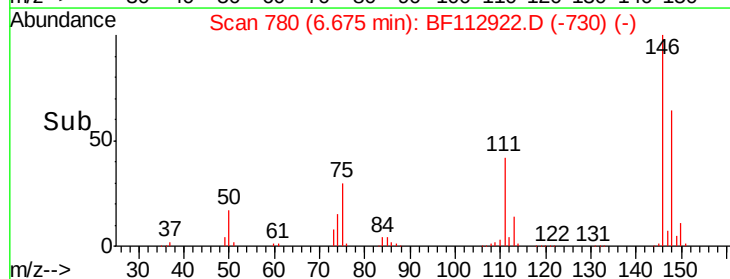
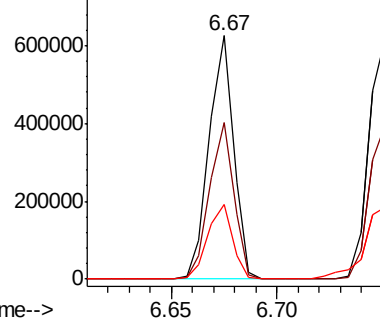


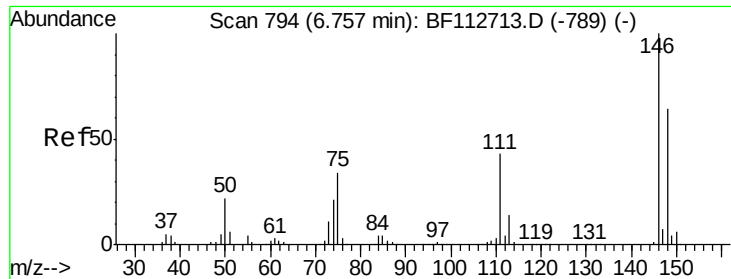
#12
1,3-Dichlorobenzene
Concen: 32.287 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion: 146 Resp: 501865
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
75 30.7 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

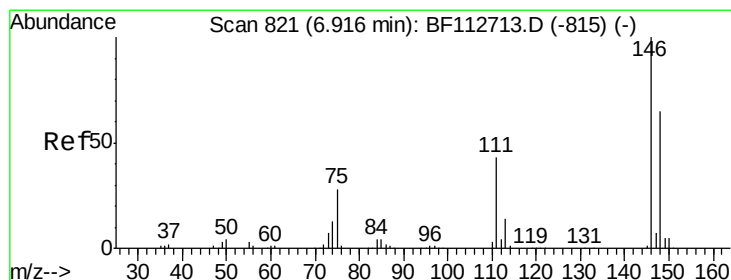
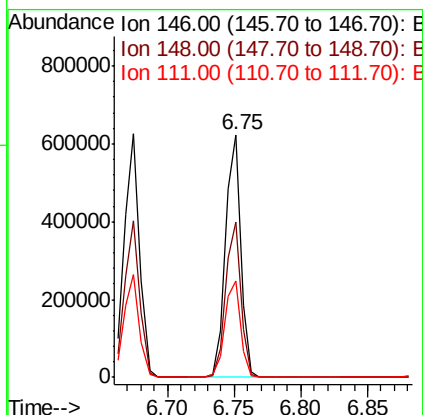
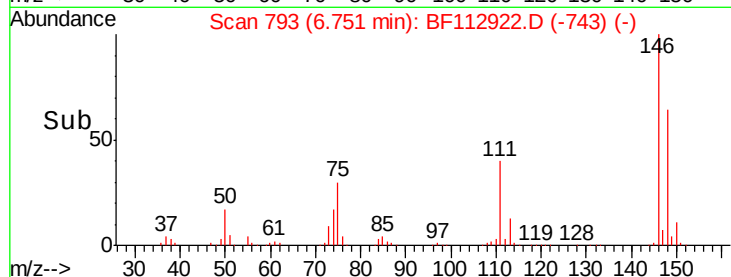
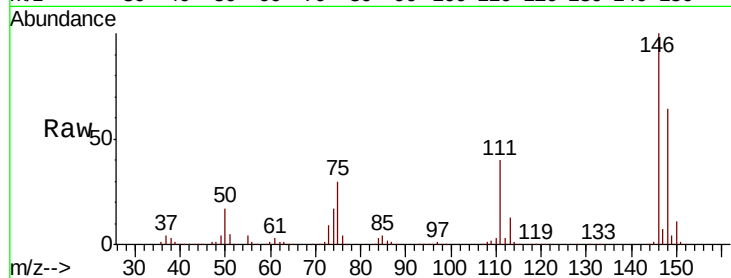




#13
 1,4-Dichlorobenzene
 Concen: 32.734 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

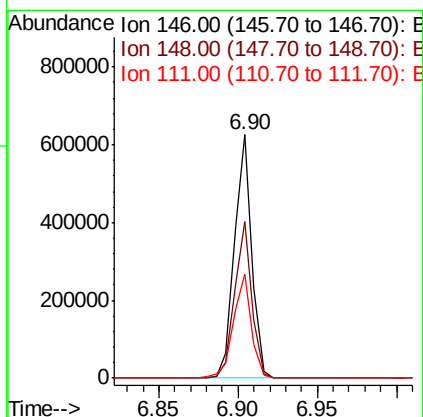
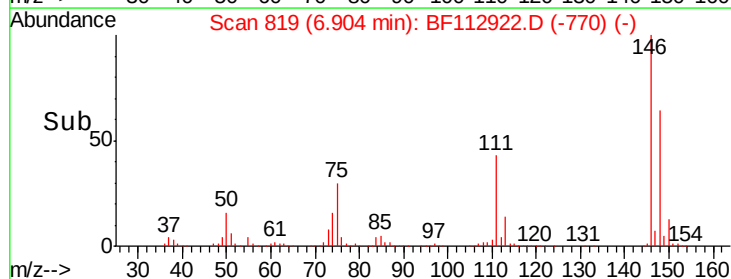
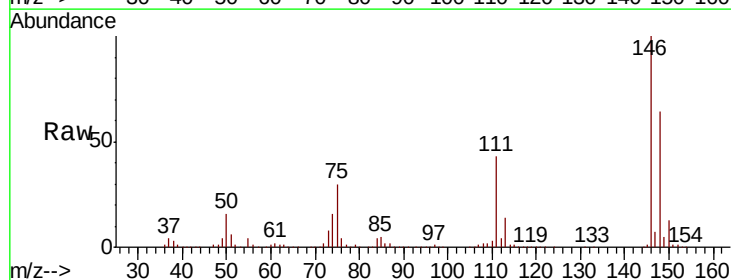
Instrument :
 BNA_F
 ClientSampleId :

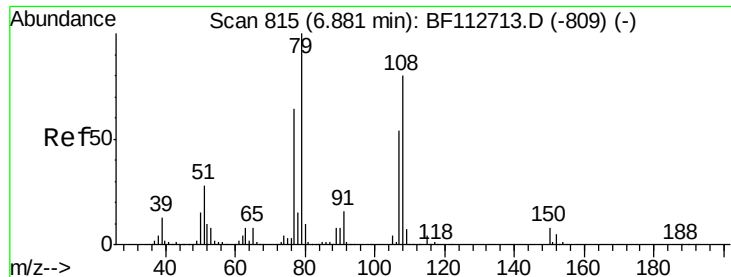
Tgt Ion:146 Resp: 510275
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.0 76.4
 111 39.9 34.5 51.7



#14
 1,2-Dichlorobenzene
 Concen: 33.285 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Tgt Ion:146 Resp: 475647
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.0 78.0
 111 42.9 34.8 52.2





#15

Benzyl Alcohol

Concen: 32.736 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

ClientSampleId :

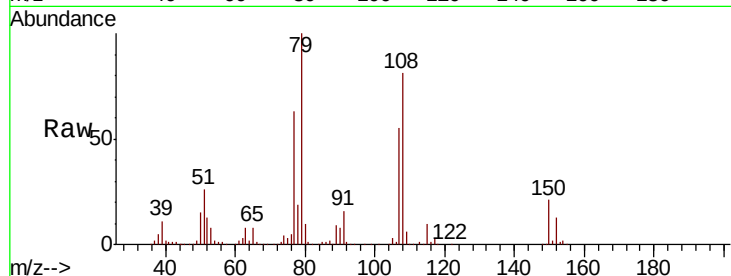
Tgt Ion: 79 Resp: 423858

Ion Ratio Lower Upper

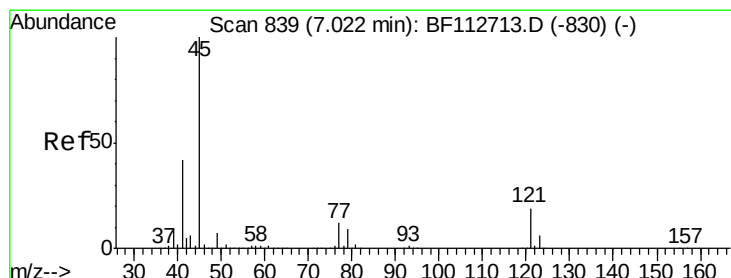
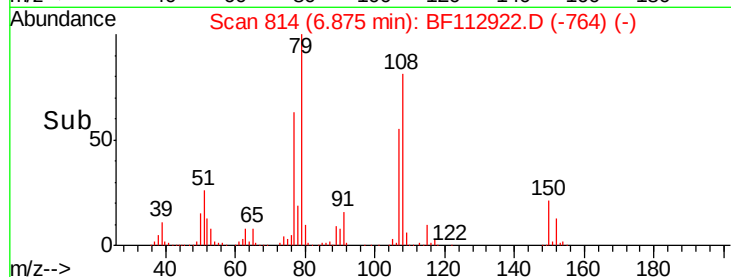
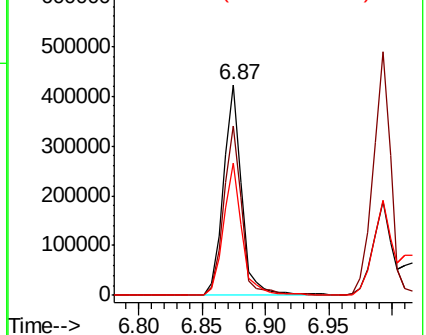
79 100

108 80.6 64.2 96.4

77 62.9 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: 30.213 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

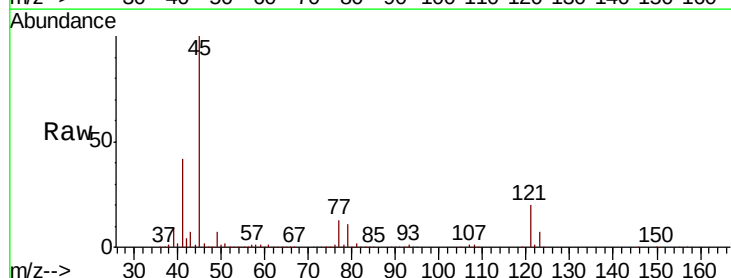
Tgt Ion: 45 Resp: 766812

Ion Ratio Lower Upper

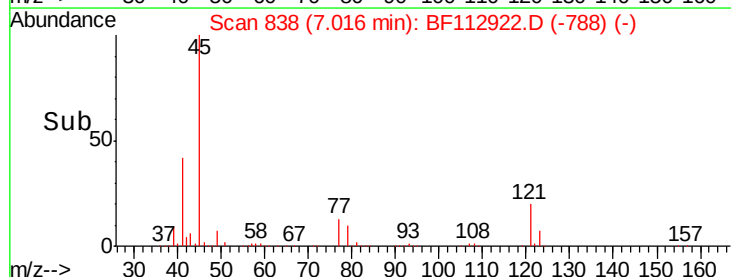
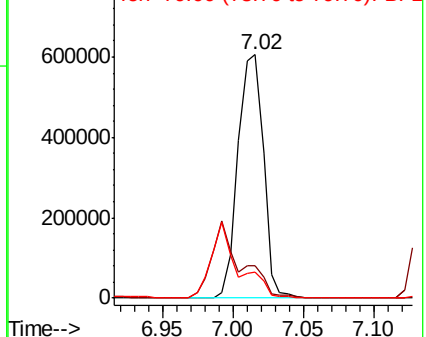
45 100

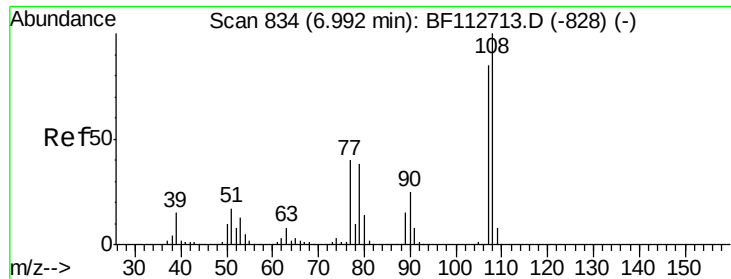
77 13.3 0.0 32.1

79 10.6 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

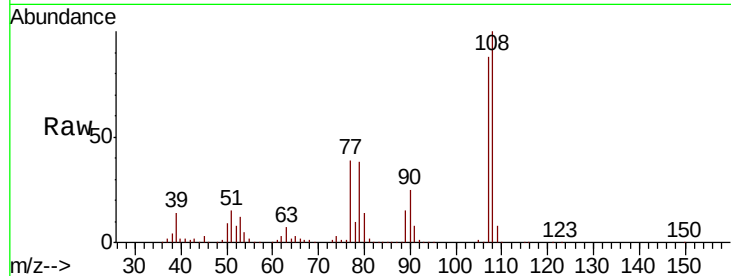




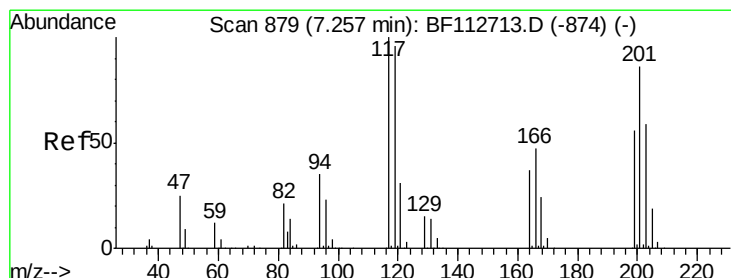
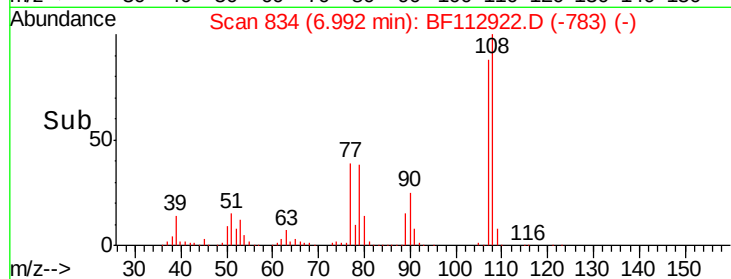
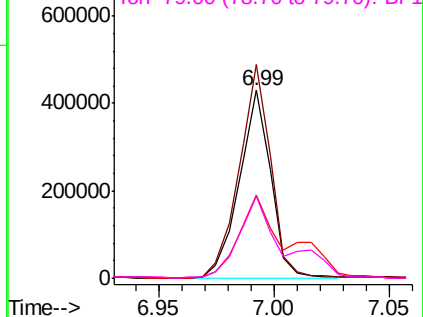
#17
2-Methylphenol
Concen: 33.444 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	107	Resp:	408245
Ion	Ratio	Lower	Upper
107	100		
108	113.7	94.6	142.0
77	44.7	37.8	56.8
79	43.6	36.2	54.2

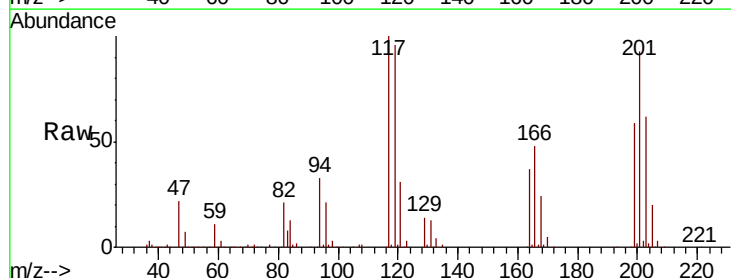


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

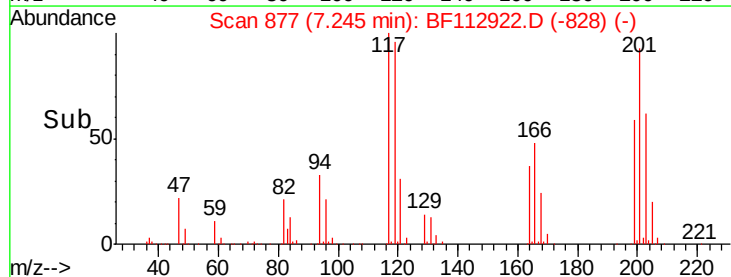
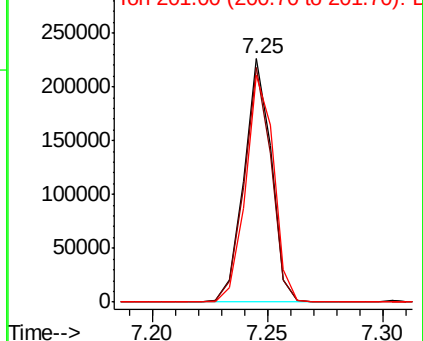


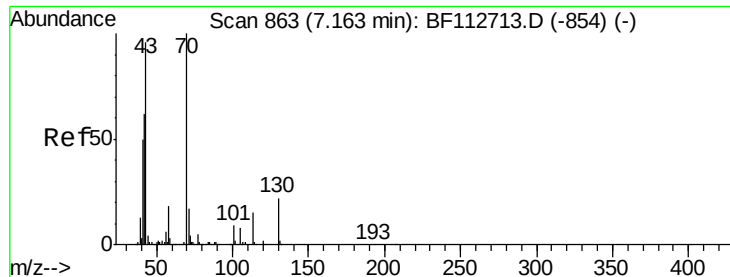
#18
Hexachloroethane
Concen: 31.212 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion:	117	Resp:	186377
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.6	115.0
201	93.4	68.9	103.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

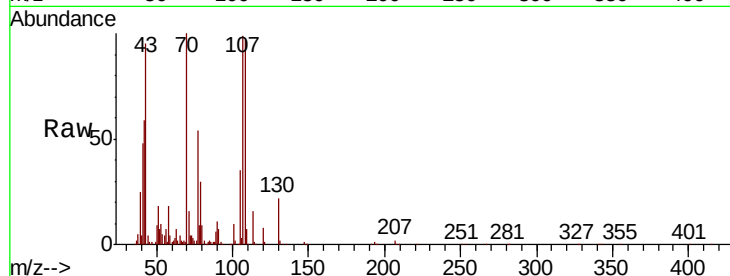




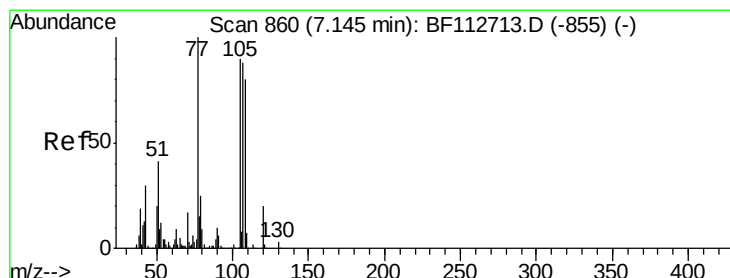
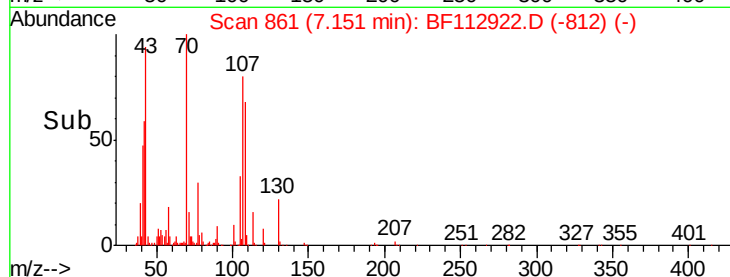
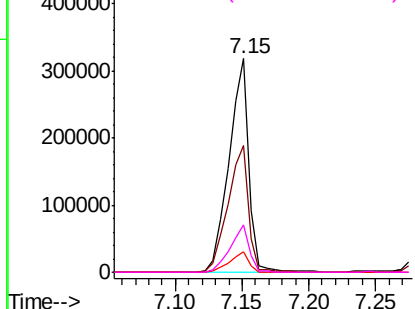
#19
n-Nitroso-di-n-propylamine
Concen: 31.014 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampled :

Tgt Ion: 70 Resp: 333530
Ion Ratio Lower Upper
70 100
42 59.2 49.9 74.9
101 9.8 7.4 11.2
130 22.1 17.4 26.2

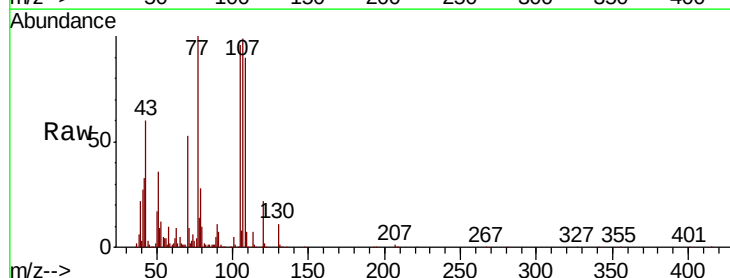


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

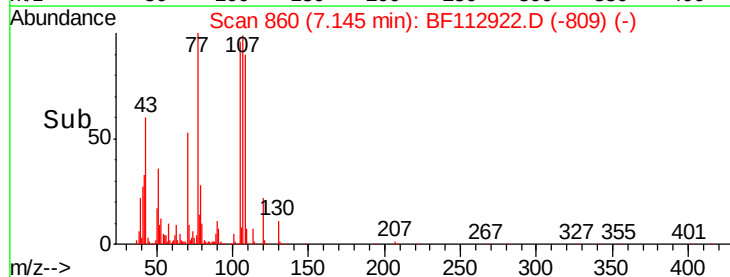
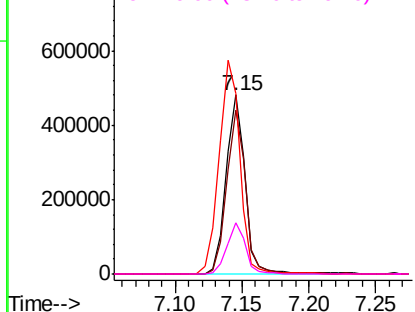


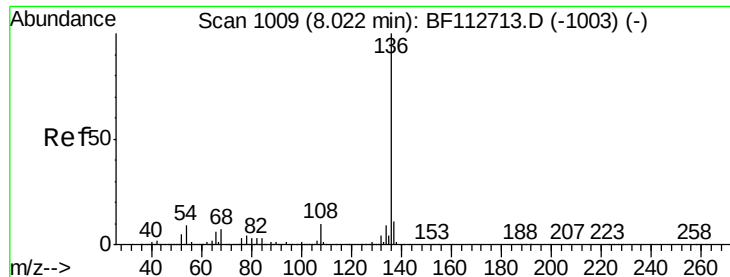
#20
3+4-Methylphenols
Concen: 34.672 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion:107 Resp: 477840
Ion Ratio Lower Upper
107 100
108 91.2 71.4 111.4
77 101.0 94.1 134.1
79 28.3 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

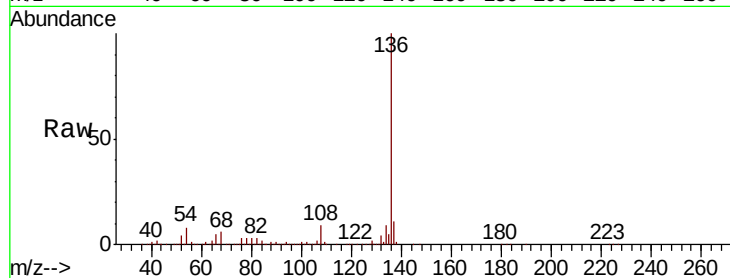




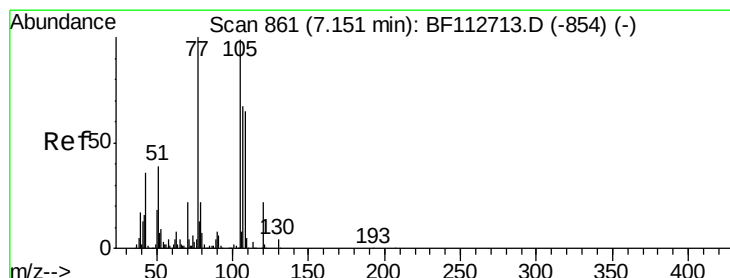
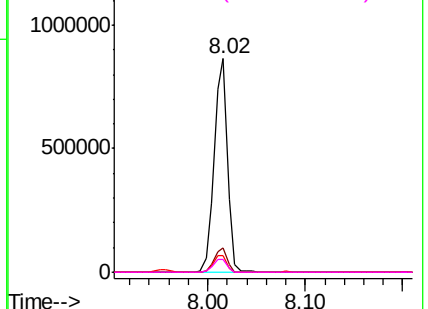
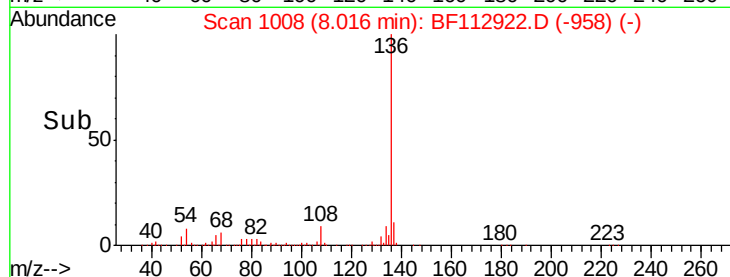
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampled :

Tgt Ion:	136	Resp:	811634
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.6	7.3	10.9
68	6.1	5.4	8.2

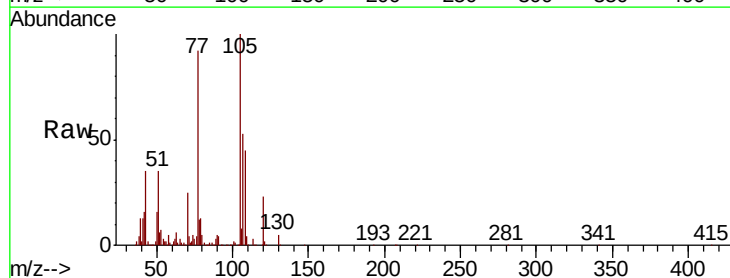


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

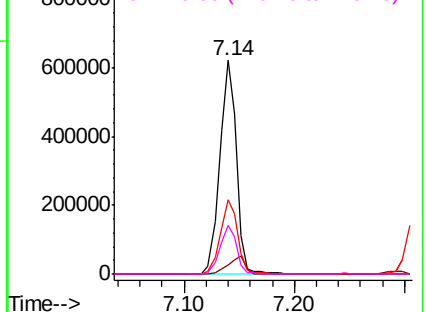
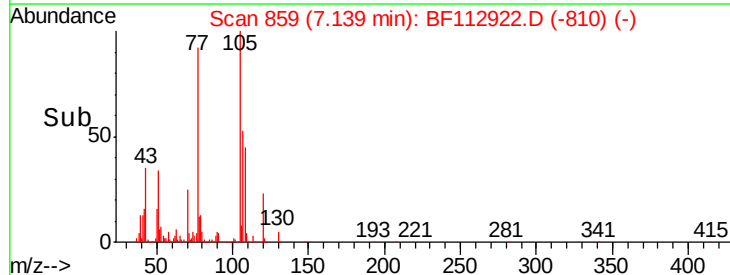


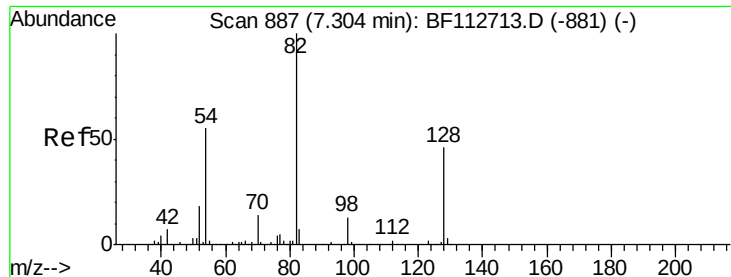
#22
Acetophenone
Concen: 34.254 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion:	105	Resp:	650074
Ion	Ratio	Lower	Upper
105	100		
71	4.1	3.0	4.4
51	34.5	31.5	47.3
120	22.7	18.1	27.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E



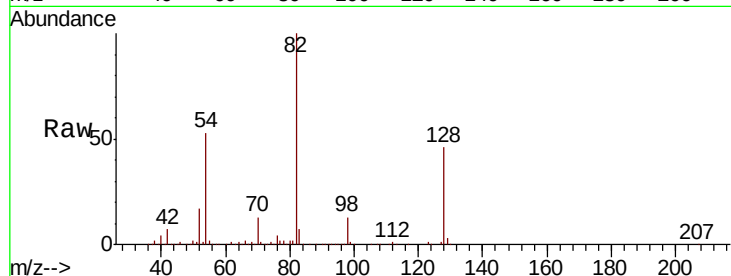


#23
 Nitrobenzene-d5
 Concen: 82.820 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

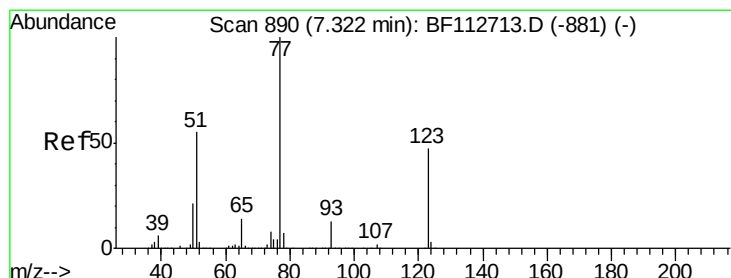
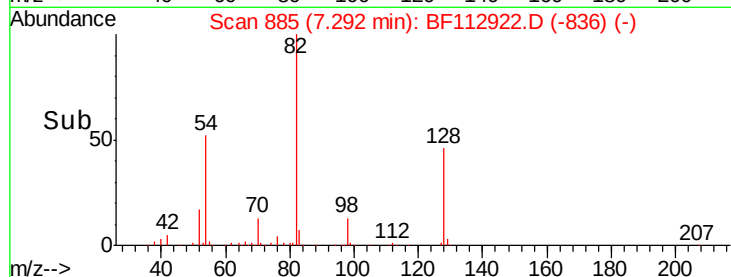
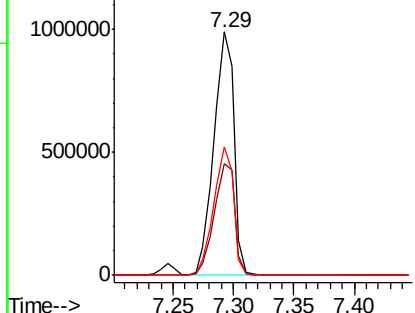
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 82 Resp: 1123357

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.3	54.5
54	52.6	43.7	65.5



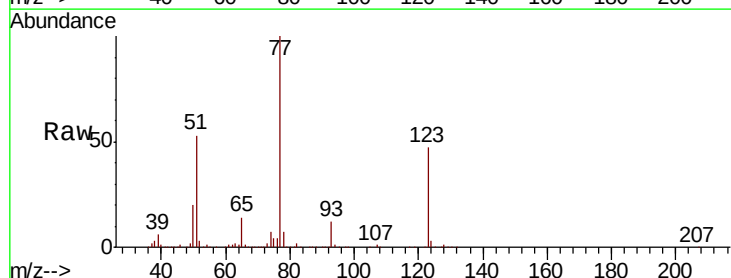
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



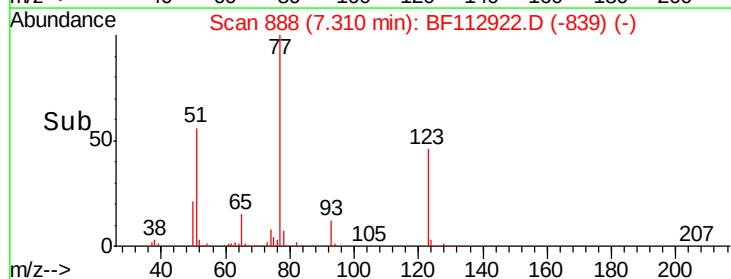
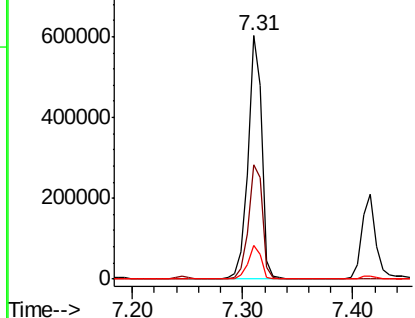
#24
 Nitrobenzene
 Concen: 34.744 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

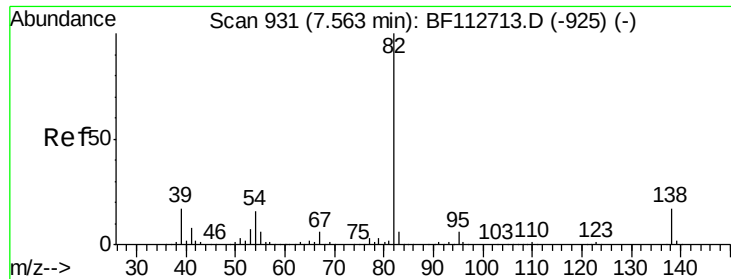
Tgt Ion: 77 Resp: 524523

Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.8	56.6
65	13.9	11.1	16.7



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





#25

Isophorone

Concen: 33.457 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

ClientSampleId :

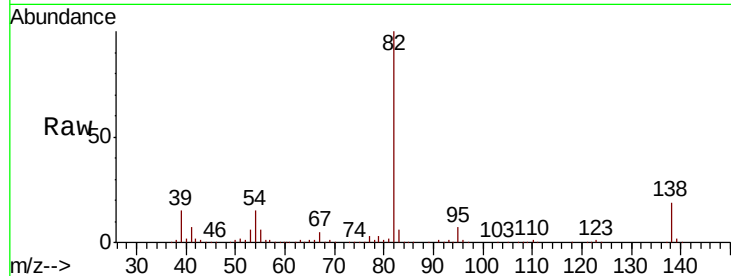
Tgt Ion: 82 Resp: 977653

Ion Ratio Lower Upper

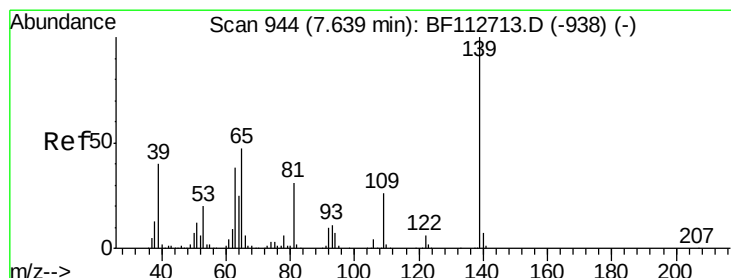
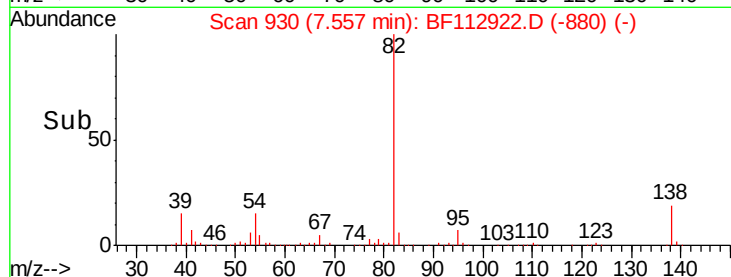
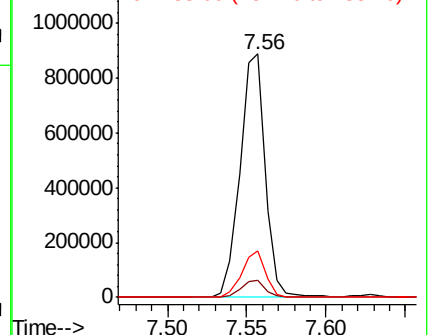
82 100

95 6.7 5.2 7.8

138 19.0 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: 43.074 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

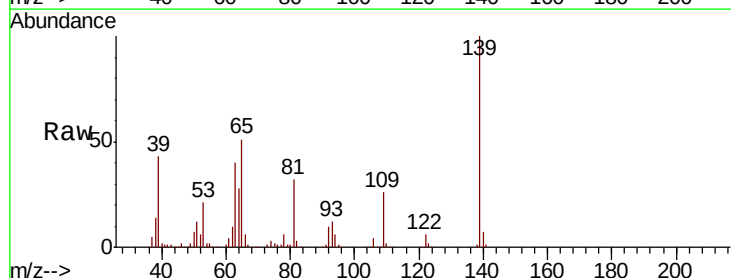
Tgt Ion: 139 Resp: 270691

Ion Ratio Lower Upper

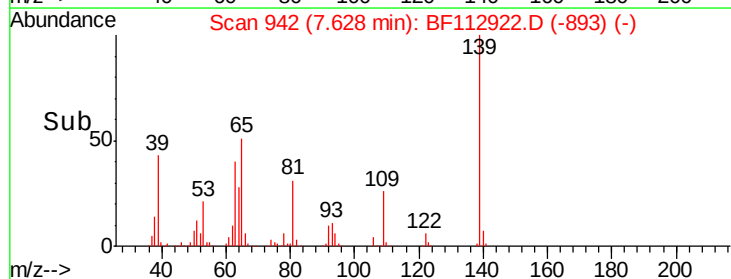
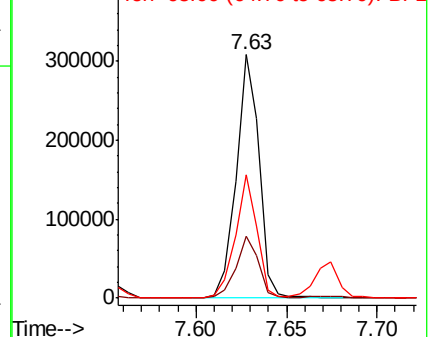
139 100

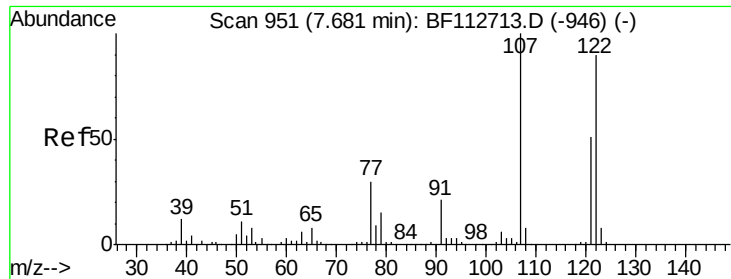
109 25.5 20.6 31.0

65 50.6 37.9 56.9



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





#27

2,4-Dimethylphenol

Concen: 38.459 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

ClientSampleId :

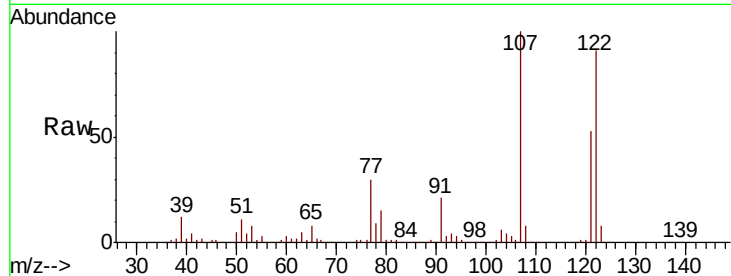
Tgt Ion:122 Resp: 449639

Ion Ratio Lower Upper

122 100

107 109.5 89.4 134.0

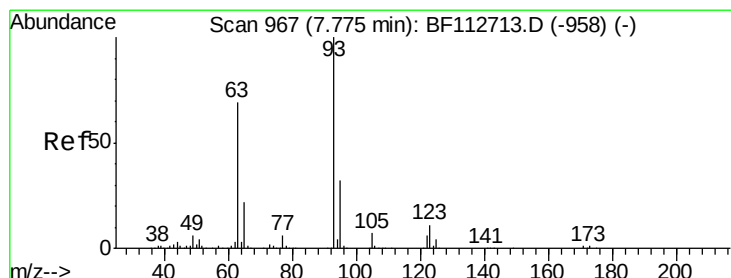
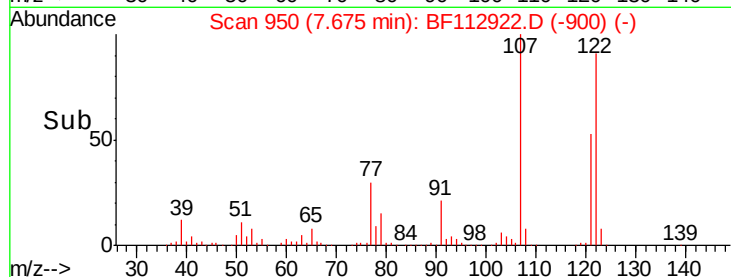
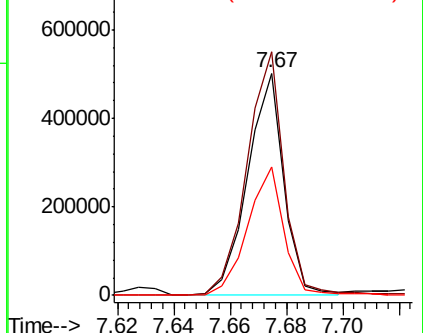
121 57.5 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.537 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

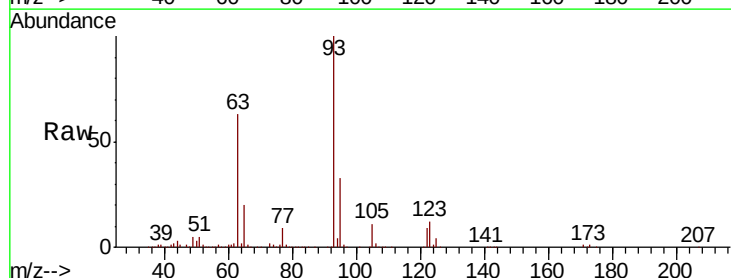
Tgt Ion: 93 Resp: 612707

Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

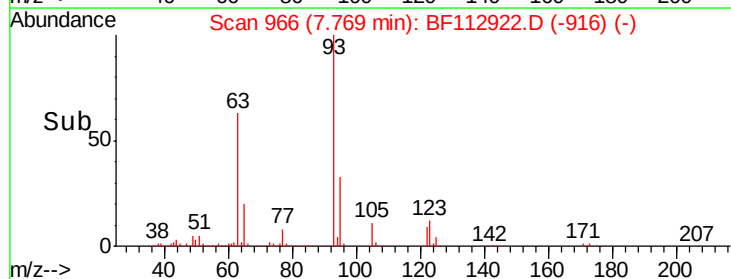
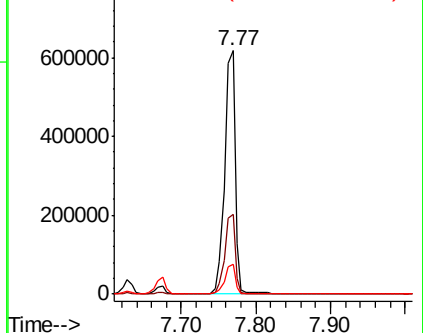
123 12.5 9.3 13.9

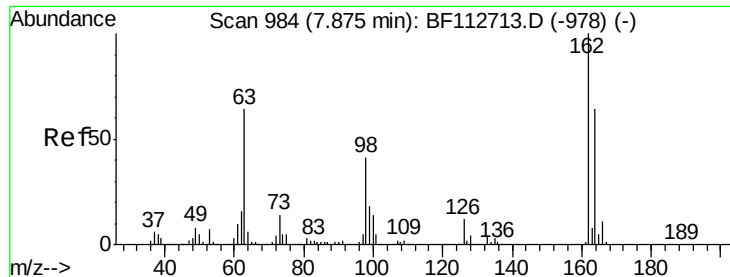


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

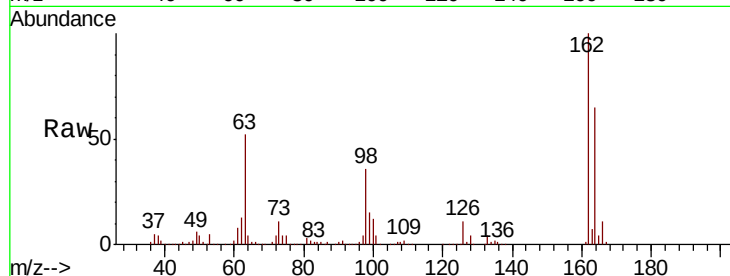




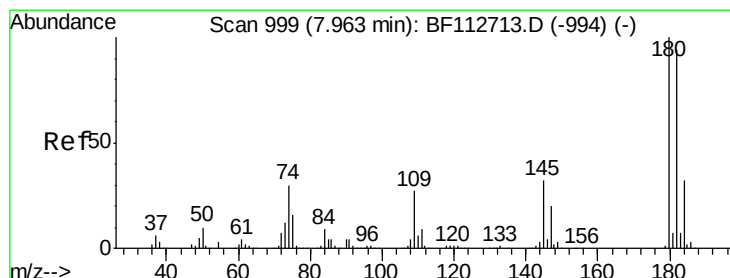
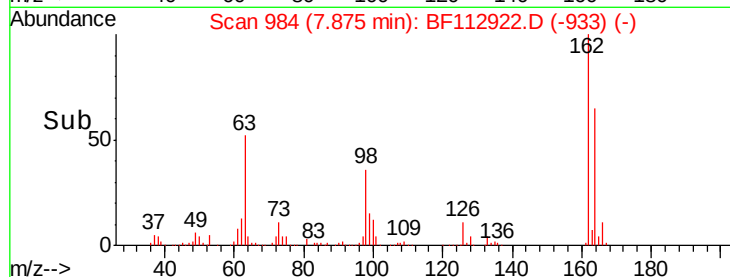
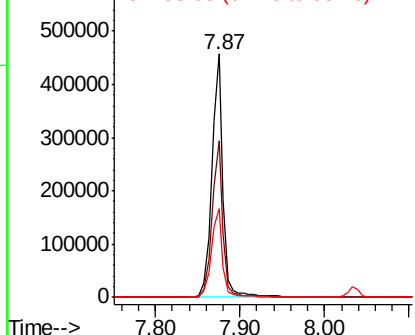
#29
2,4-Dichlorophenol
Concen: 37.683 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 427241
Ion Ratio Lower Upper
162 100
164 64.5 44.0 84.0
98 36.2 20.7 60.7

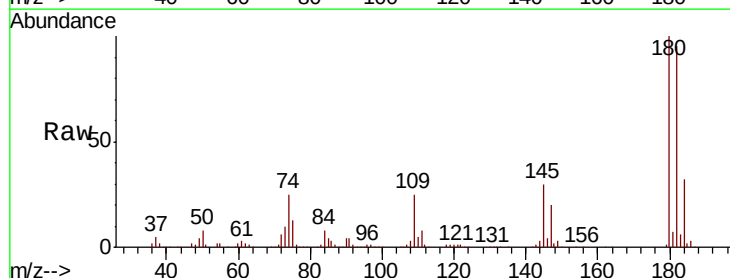


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

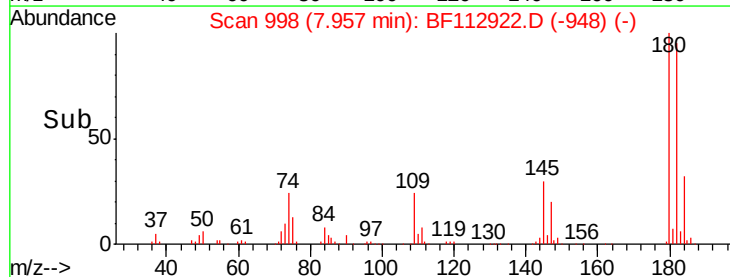
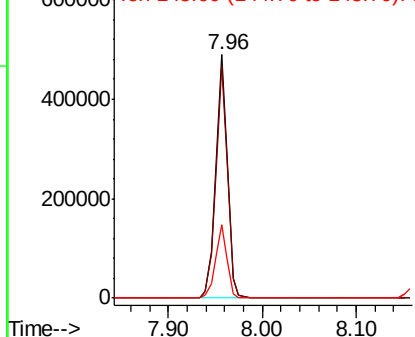


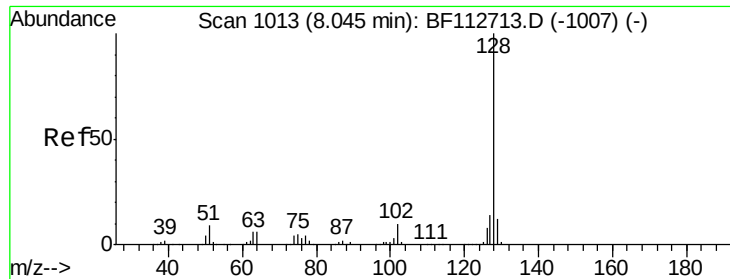
#30
1,2,4-Trichlorobenzene
Concen: 36.064 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion:180 Resp: 439348
Ion Ratio Lower Upper
180 100
182 95.5 75.2 112.8
145 30.0 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

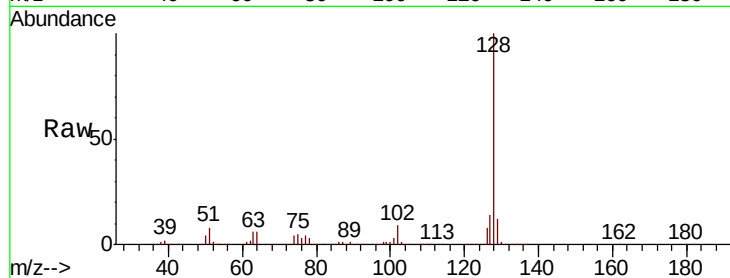




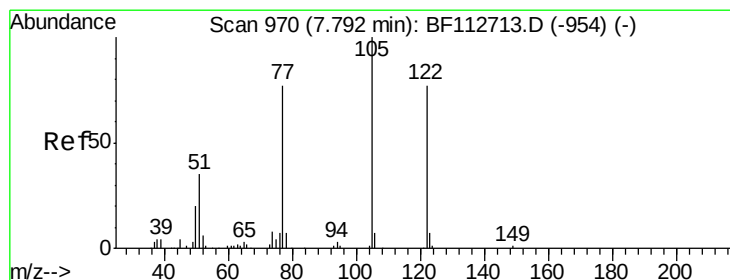
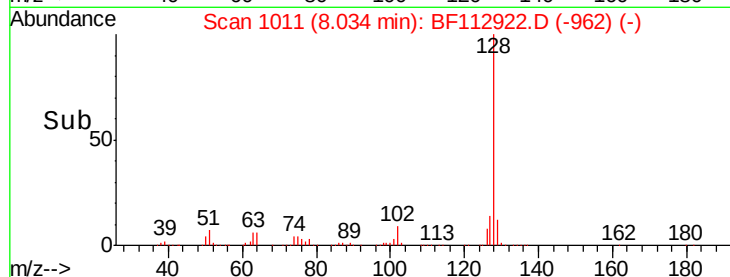
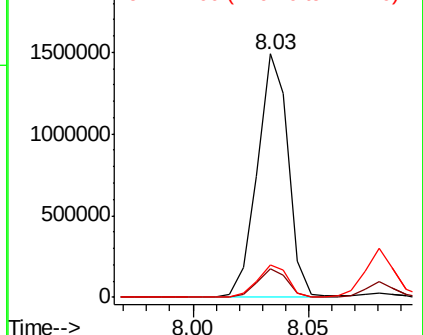
#31
Naphthalene
Concen: 34.492 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1389866
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.5 10.9 16.3

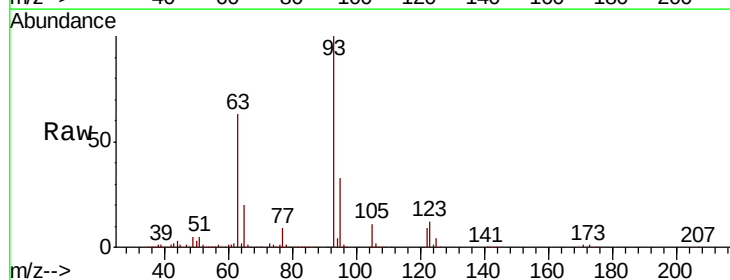


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

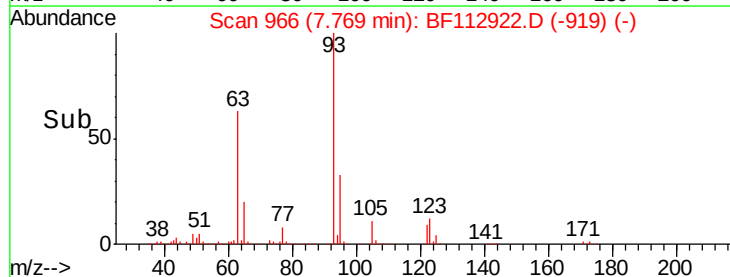
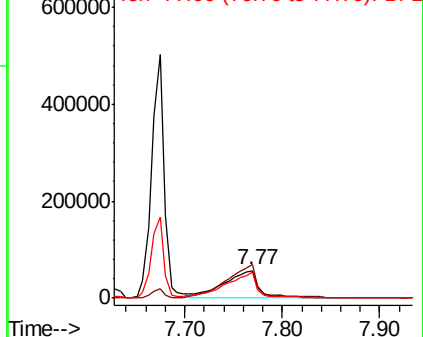


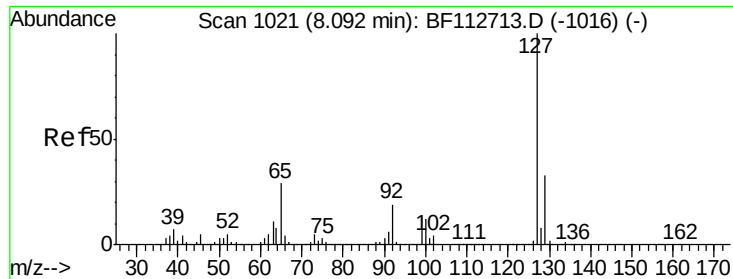
#32
Benzoic acid
Concen: 16.629 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion:122 Resp: 136263
Ion Ratio Lower Upper
122 100
105 121.9 106.8 146.8
77 91.3 79.4 119.4



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

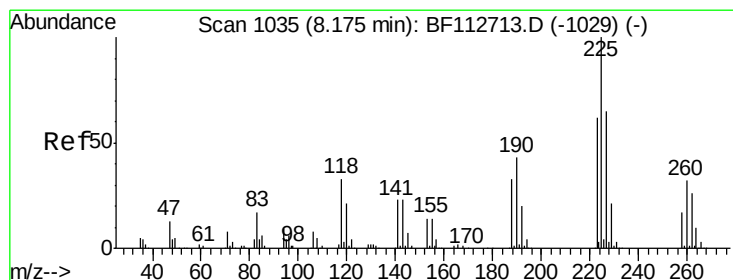
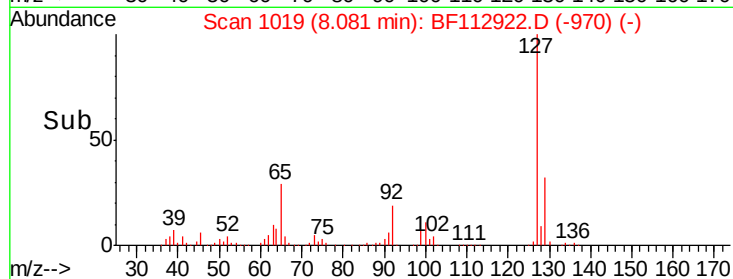
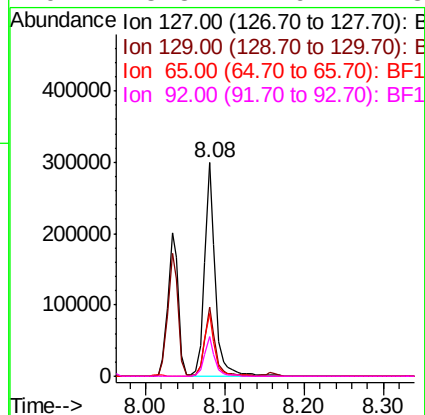
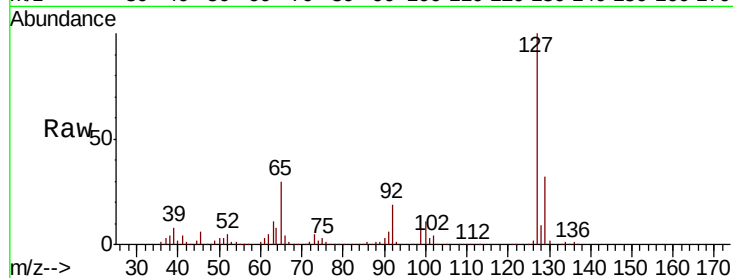




#33
4-Chloroaniline
Concen: 16.896 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

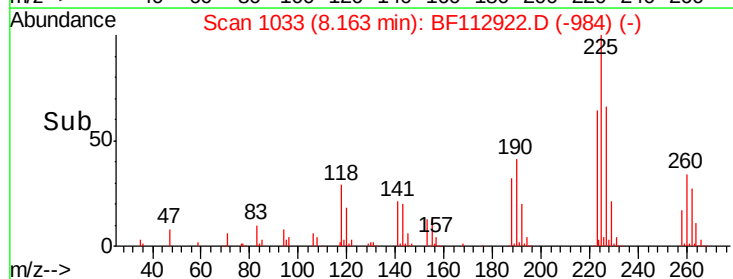
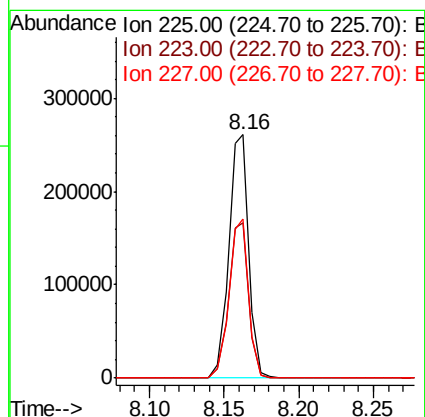
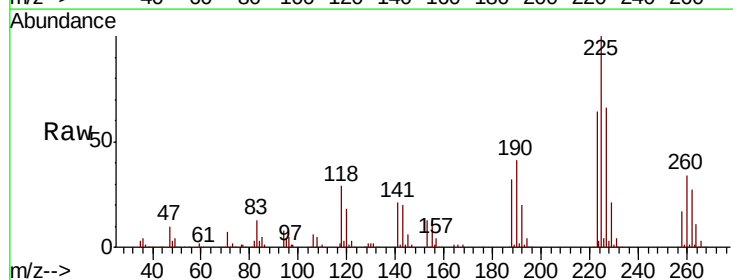
Instrument :
BNA_F
ClientSampleId :

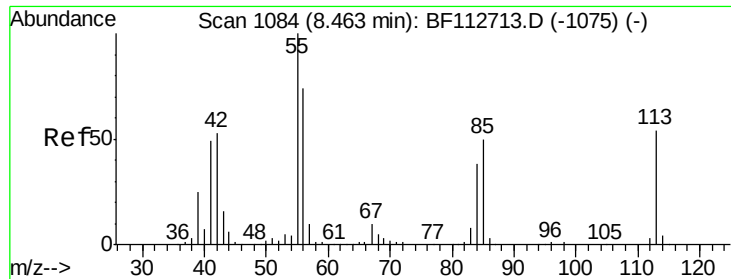
Tgt Ion:	127	Resp:	288371
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.4	39.6
65	29.5	23.1	34.7
92	18.8	14.9	22.3



#34
Hexachlorobutadiene
Concen: 36.046 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion:	225	Resp:	247649
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.7	74.5
227	65.6	52.1	78.1

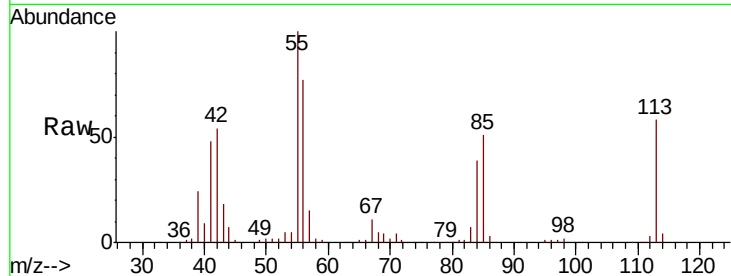




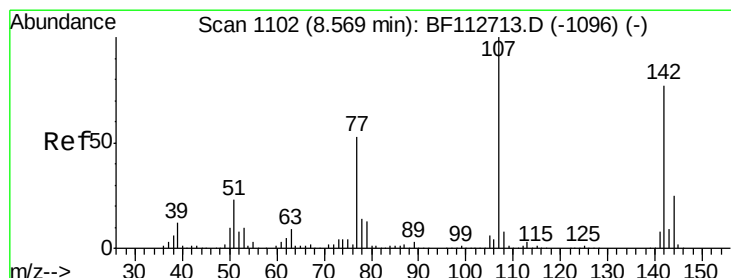
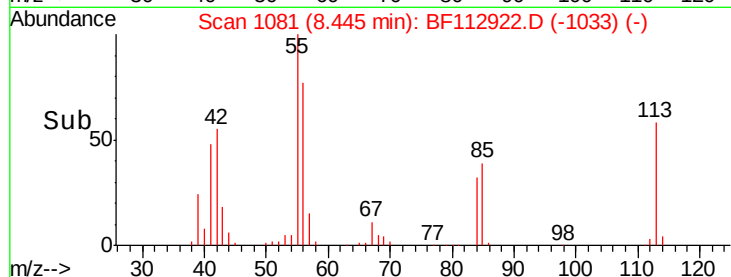
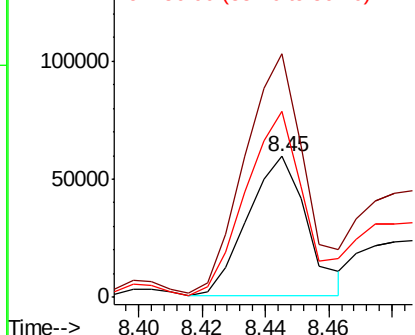
#35
 Caprolactam
 Concen: 19.098 ng
 RT: 8.45 min Scan# 1081
 Delta R.T. -0.02 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:113 Resp: 76264
 Ion Ratio Lower Upper
 113 100
 55 172.9 163.5 203.5
 56 132.5 115.3 155.3

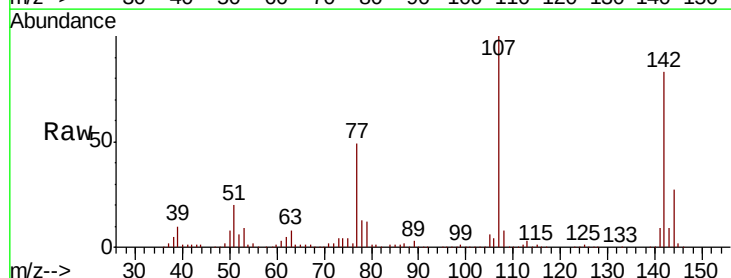


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

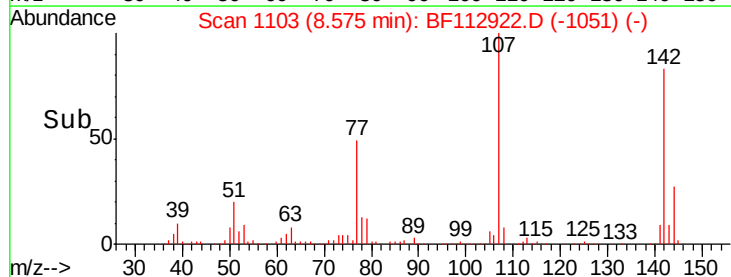
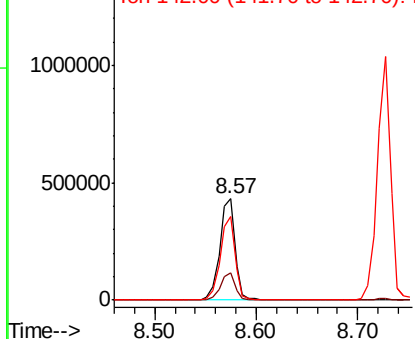


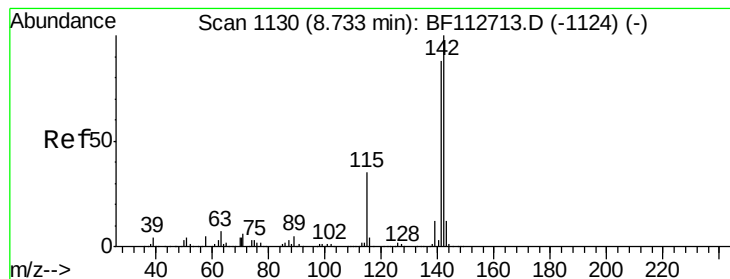
#36
 4-Chloro-3-methylphenol
 Concen: 36.029 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Tgt Ion:107 Resp: 452075
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.1 30.1
 142 82.8 61.9 92.9



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





#37

2-Methylnaphthalene

Concen: 36.187 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

ClientSampleId :

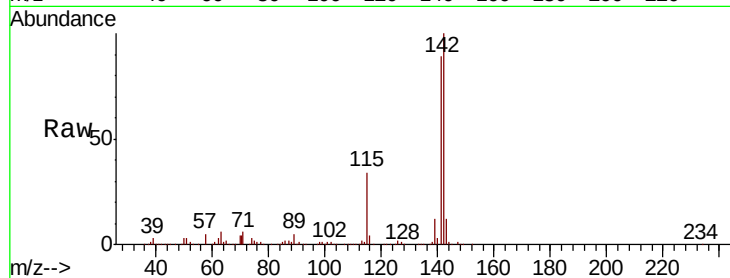
Tgt Ion:142 Resp: 941683

Ion Ratio Lower Upper

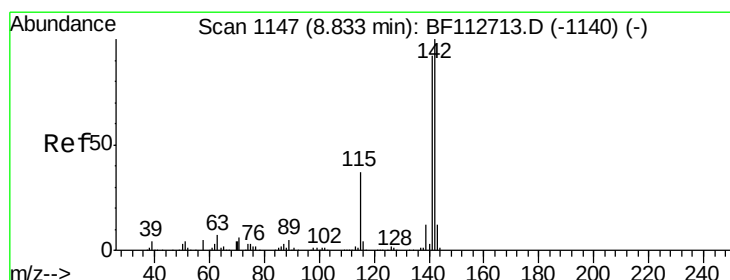
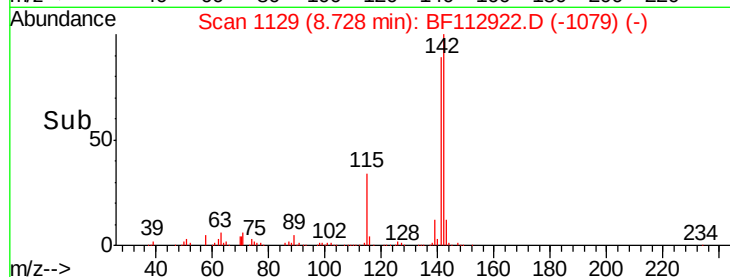
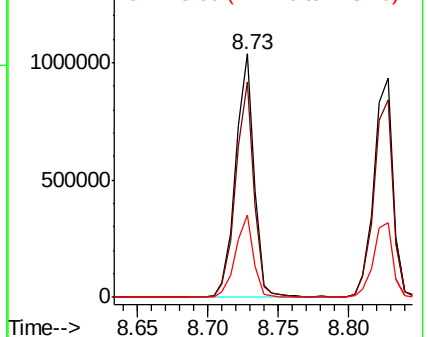
142 100

141 88.7 70.3 105.5

115 33.6 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: 34.998 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

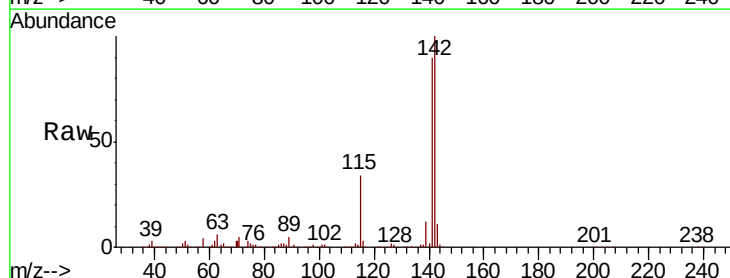
Tgt Ion:142 Resp: 882224

Ion Ratio Lower Upper

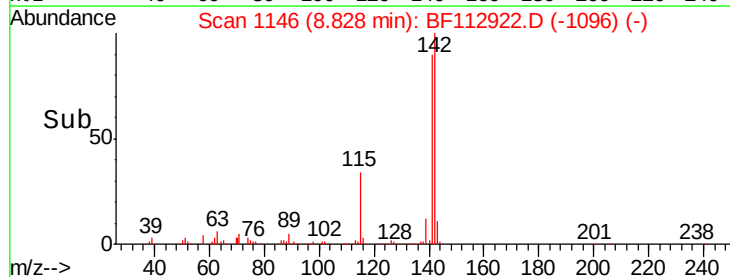
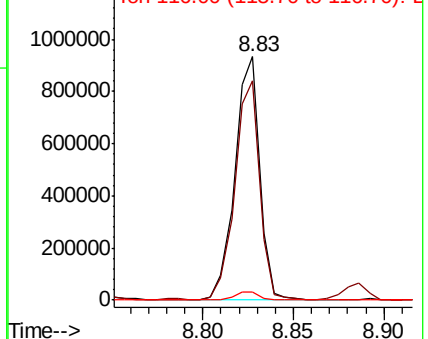
142 100

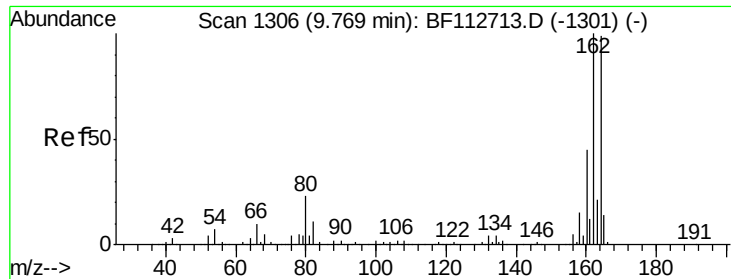
141 90.3 73.7 110.5

116 3.4 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

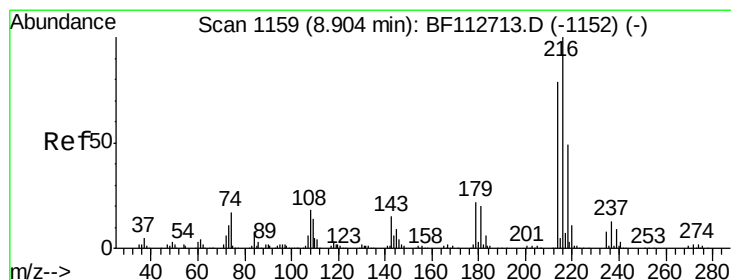
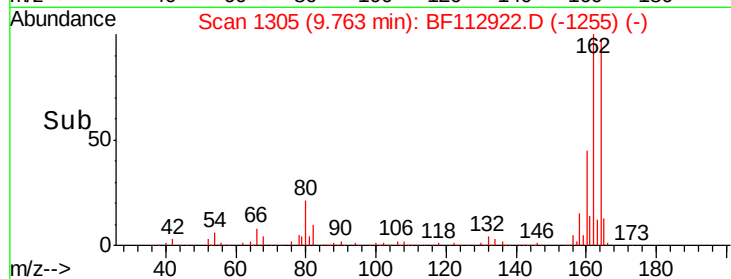
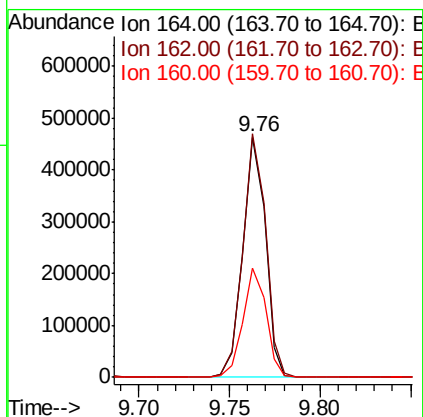
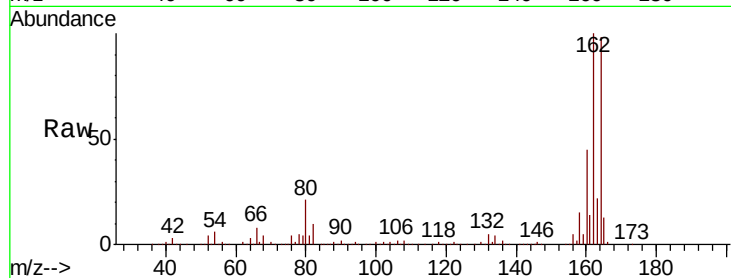




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

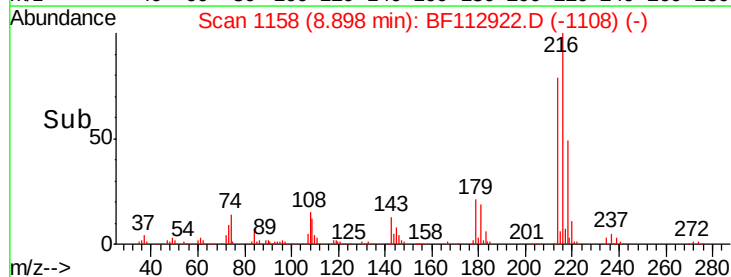
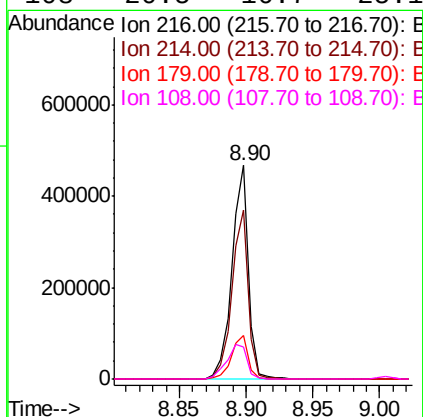
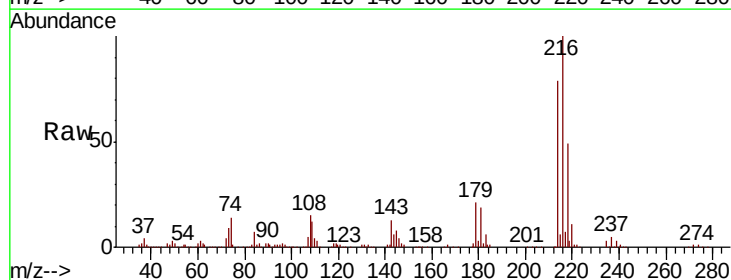
Instrument :
 BNA_F
 ClientSampleId :

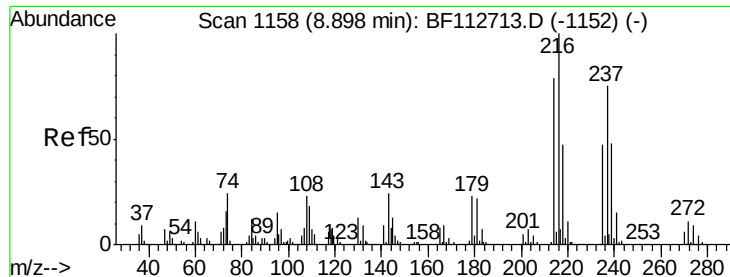
Tgt Ion:164 Resp: 403568
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.6 120.8
 160 45.4 36.0 54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.401 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Tgt Ion:216 Resp: 404847
 Ion Ratio Lower Upper
 216 100
 214 78.9 63.2 94.8
 179 20.7 17.5 26.3
 108 20.5 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 75.894 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

ClientSampleId :

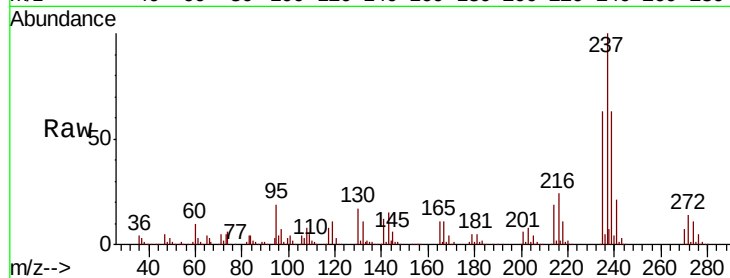
Tgt Ion: 237 Resp: 489095

Ion Ratio Lower Upper

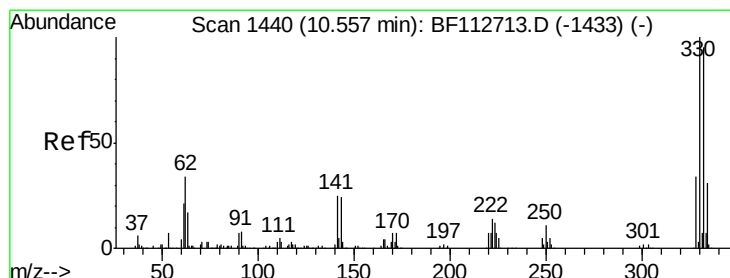
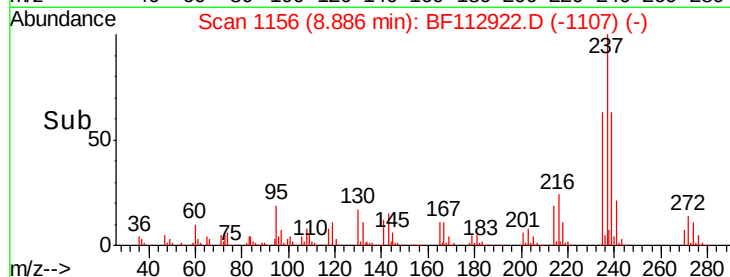
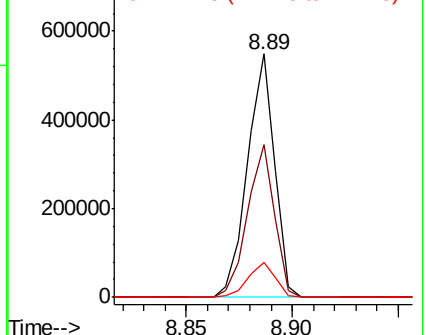
237 100

235 62.6 42.2 82.2

272 14.2 0.0 34.0



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



#42

2,4,6-Tribromophenol

Concen: 129.480 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

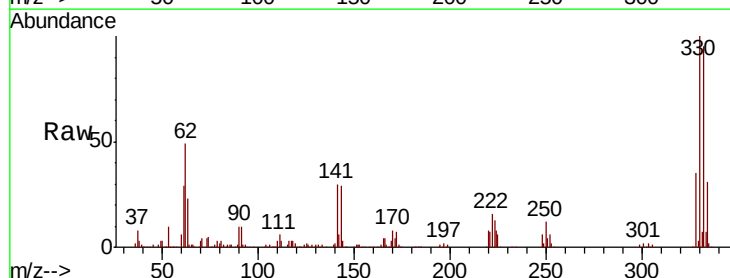
Tgt Ion: 330 Resp: 554742

Ion Ratio Lower Upper

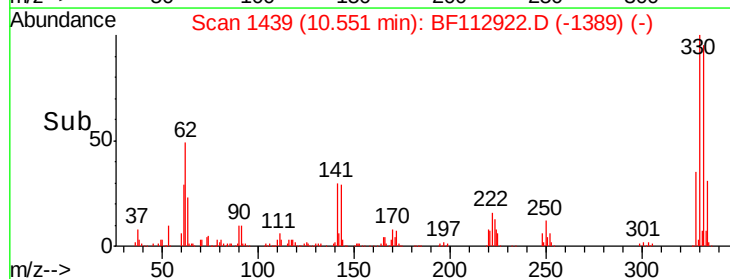
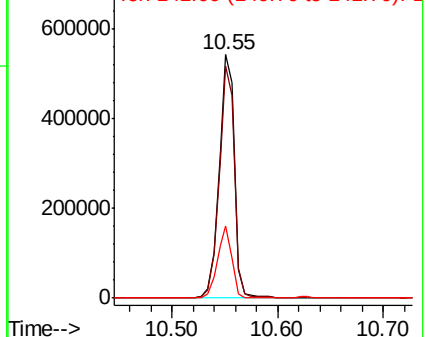
330 100

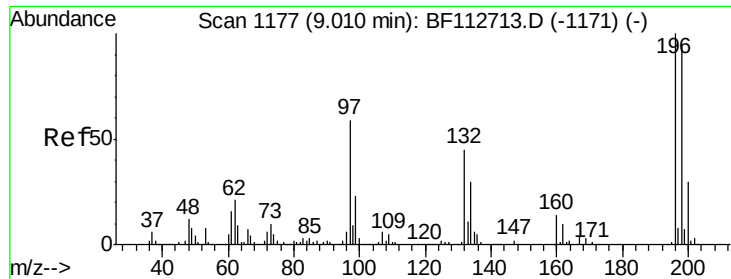
332 95.3 76.2 114.4

141 28.2 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

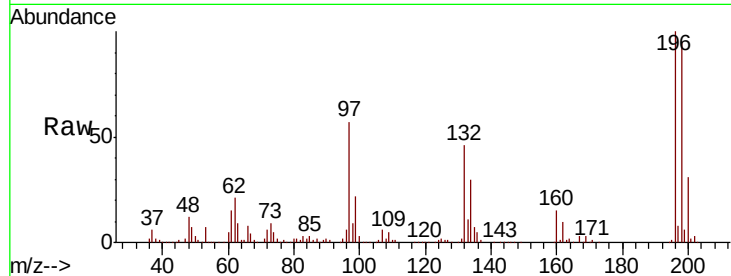




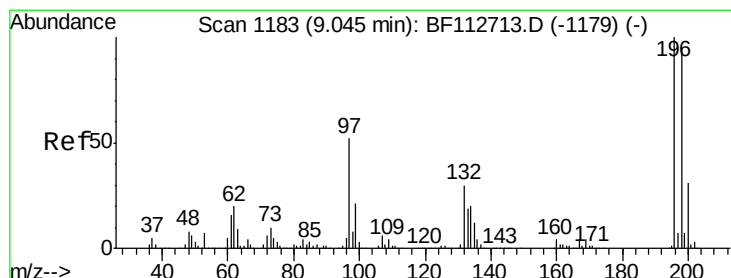
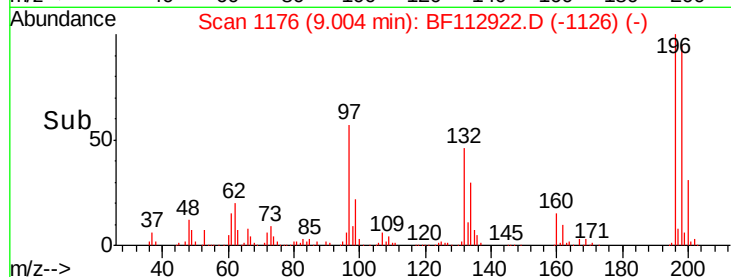
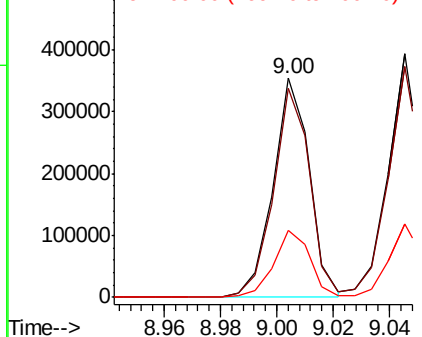
#43
 2,4,6-Trichlorophenol
 Concen: 38.917 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:196 Resp: 315204
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.8 113.8
 200 30.8 24.3 36.5

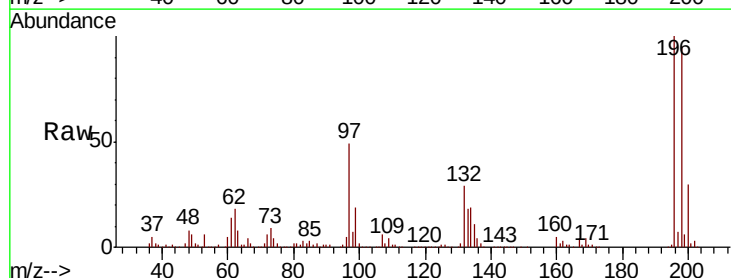


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

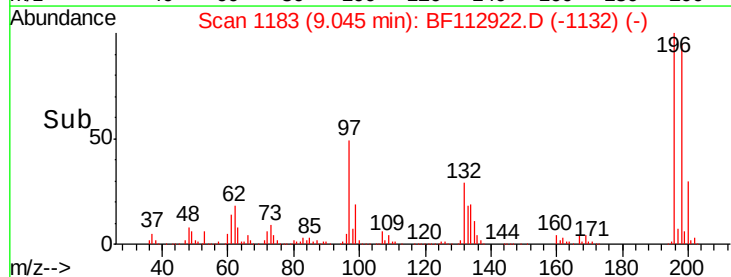
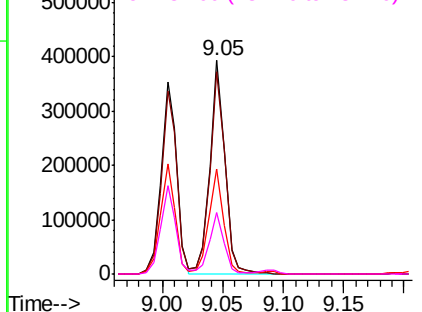


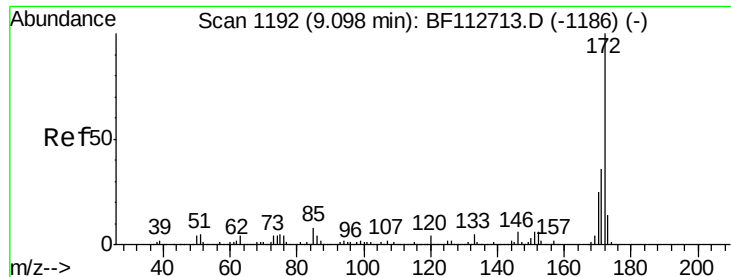
#44
 2,4,5-Trichlorophenol
 Concen: 38.559 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Tgt Ion:196 Resp: 337567
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.2 114.2
 97 49.0 41.5 62.3
 132 28.8 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

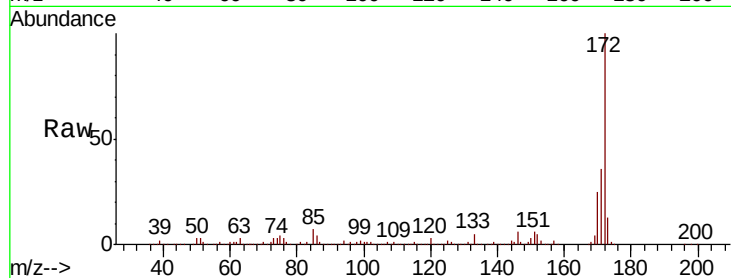




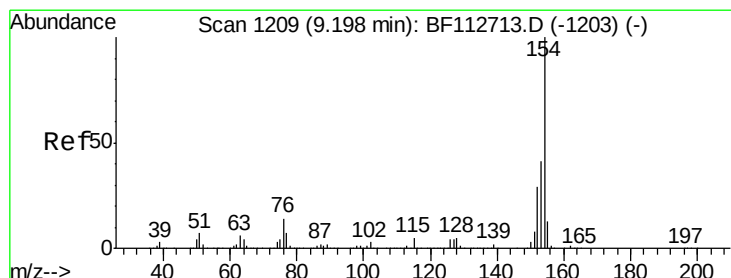
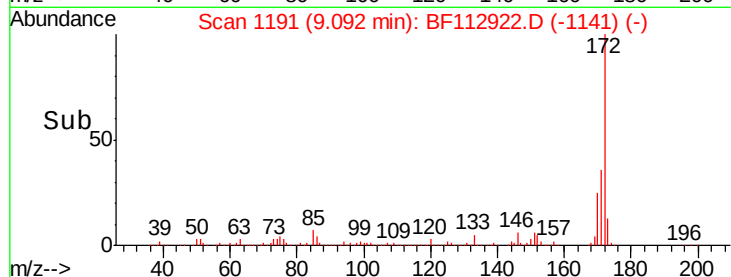
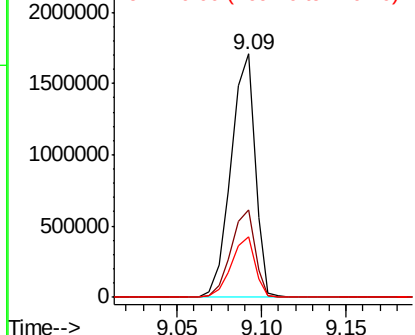
#45
2-Fluorobiphenyl
Concen: 65.685 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1698716
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.8 20.0 30.0

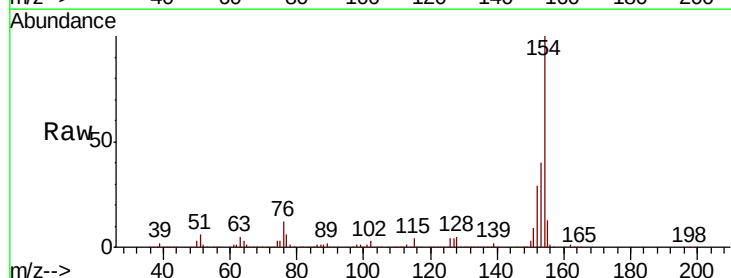


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

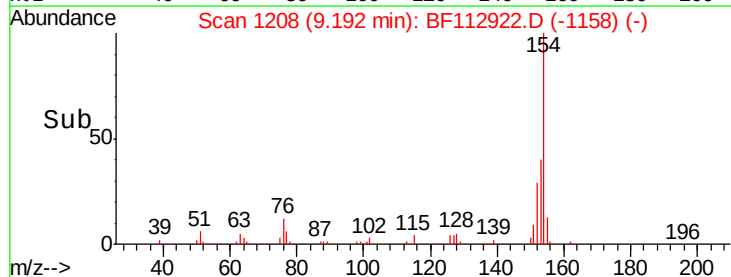
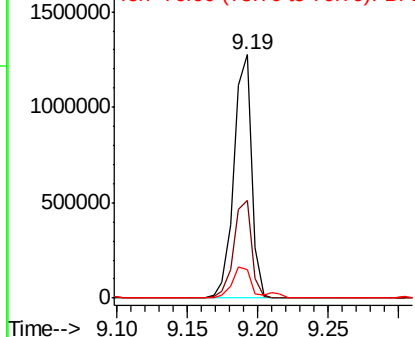


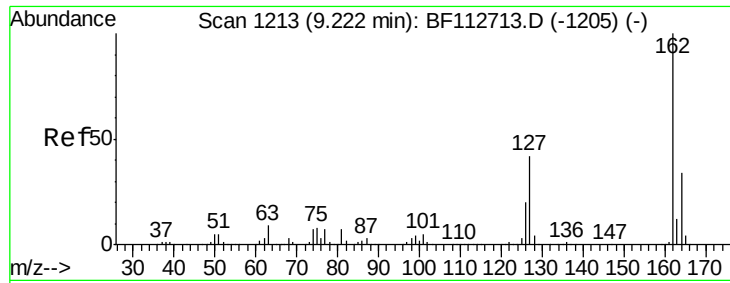
#46
1,1'-Biphenyl
Concen: 33.999 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion:154 Resp: 1119147
Ion Ratio Lower Upper
154 100
153 40.3 20.8 60.8
76 11.8 0.0 33.8



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

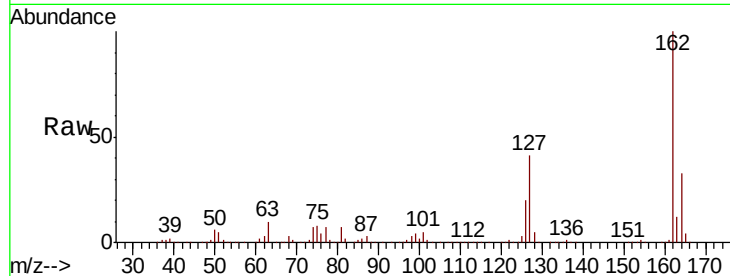




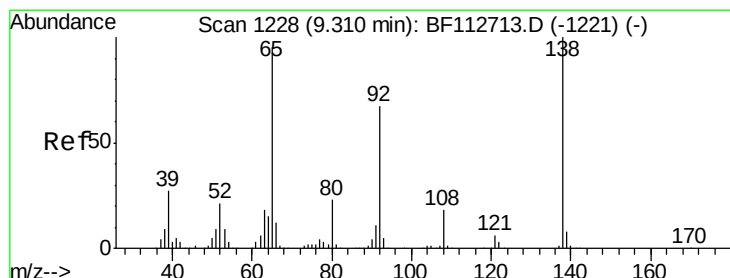
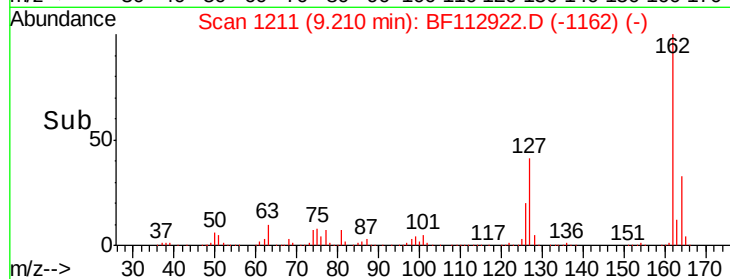
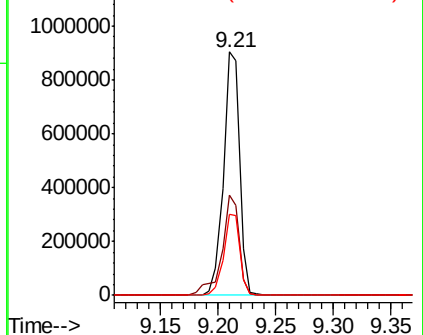
#47
 2-Chloronaphthalene
 Concen: 34.186 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 162 Resp: 878682
 Ion Ratio Lower Upper
 162 100
 127 41.4 33.4 50.2
 164 33.4 26.9 40.3

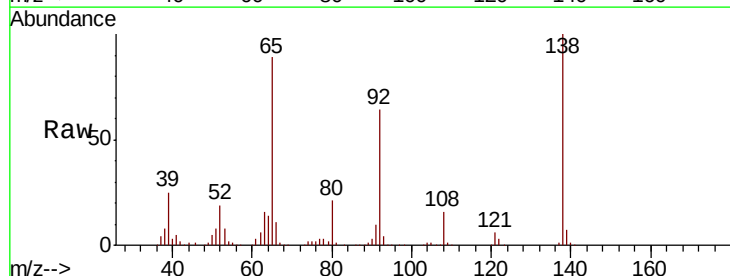


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

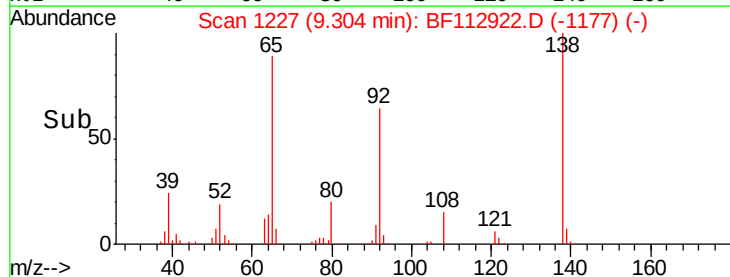
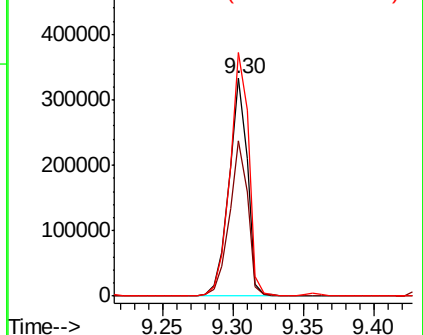


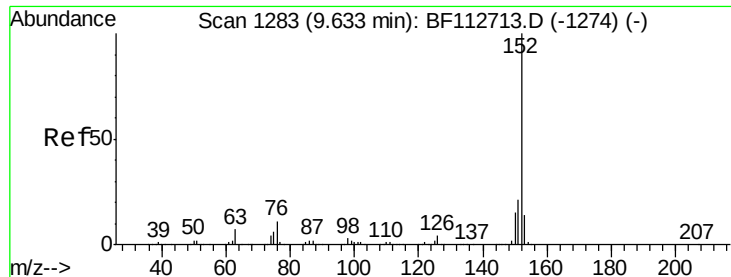
#48
 2-Nitroaniline
 Concen: 38.654 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Tgt Ion: 65 Resp: 301990
 Ion Ratio Lower Upper
 65 100
 92 71.5 56.4 84.6
 138 111.8 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: 32.589 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

ClientSampleId :

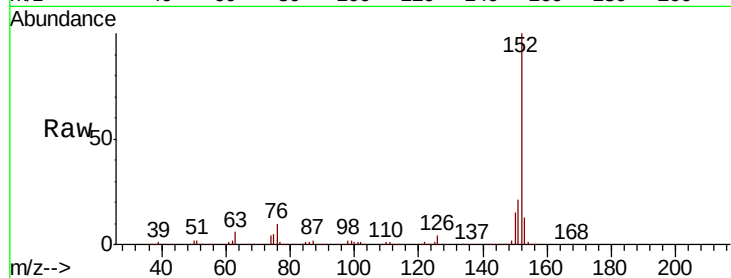
Tgt Ion:152 Resp: 1422019

Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

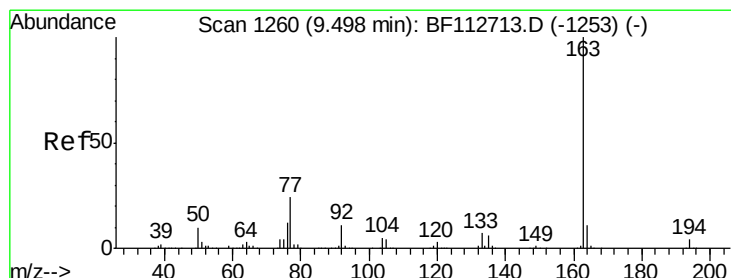
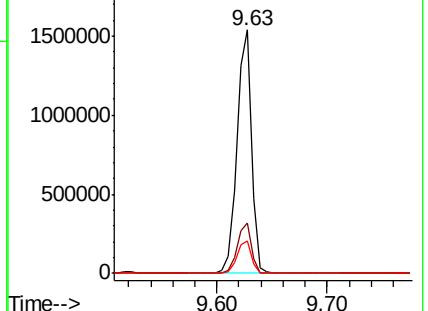
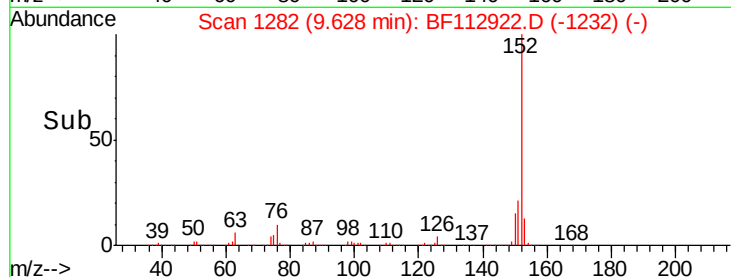
153 13.4 11.0 16.6



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: 41.162 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

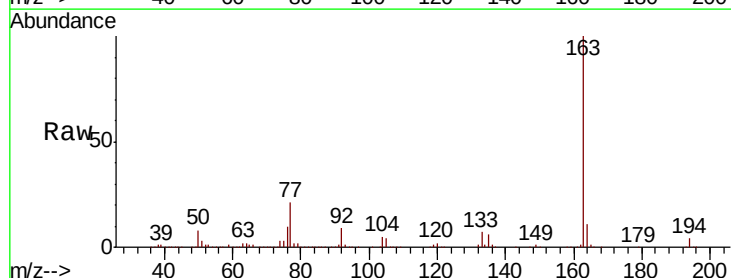
Tgt Ion:163 Resp: 1224873

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

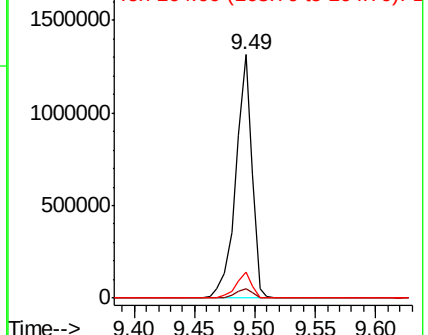
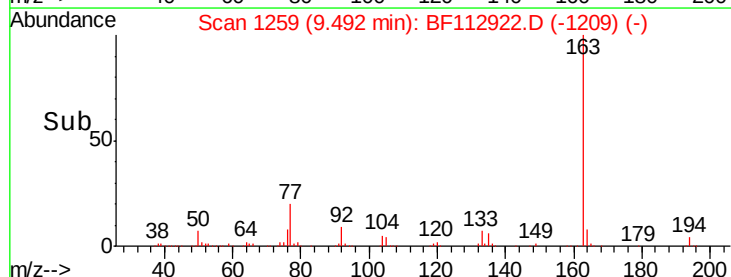
164 10.6 8.4 12.6

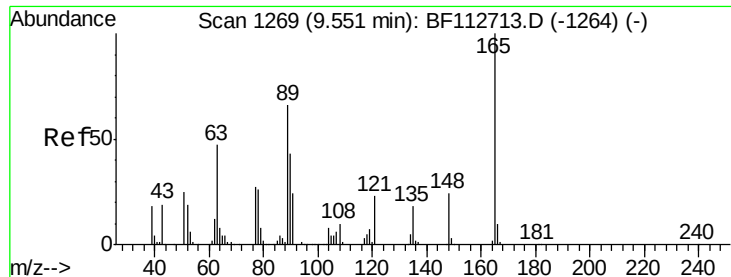


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.084 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

ClientSampleId :

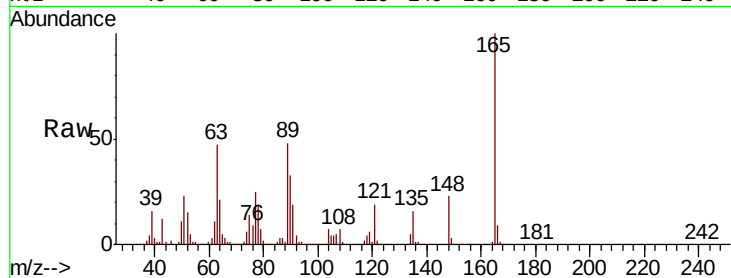
Tgt Ion:165 Resp: 248386

Ion Ratio Lower Upper

165 100

63 47.3 54.1 81.1#

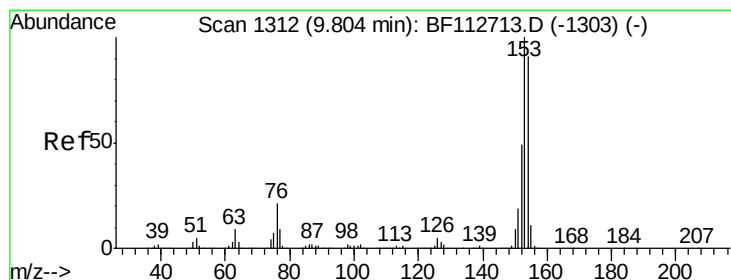
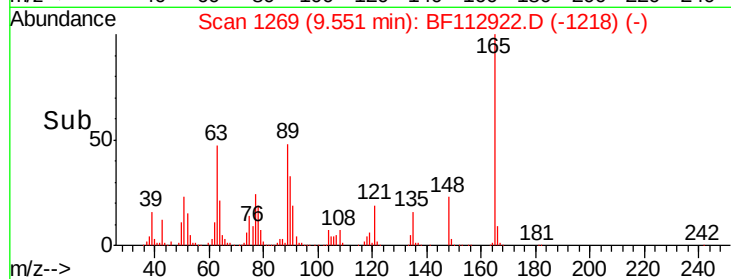
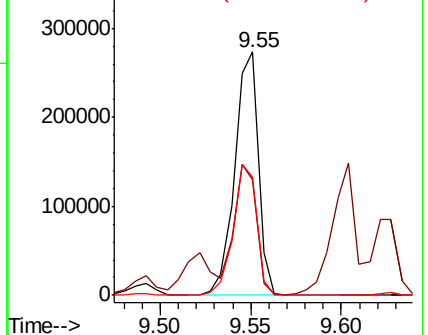
89 48.4 52.8 79.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 32.808 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

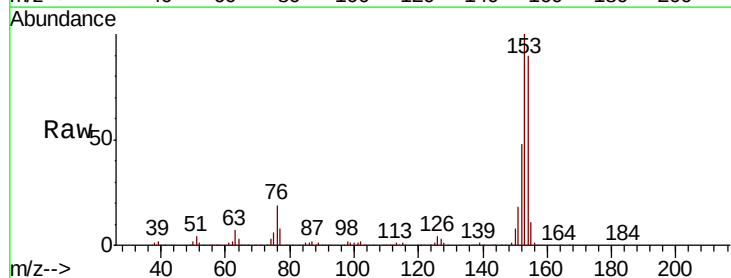
Tgt Ion:154 Resp: 837176

Ion Ratio Lower Upper

154 100

153 111.7 87.8 131.8

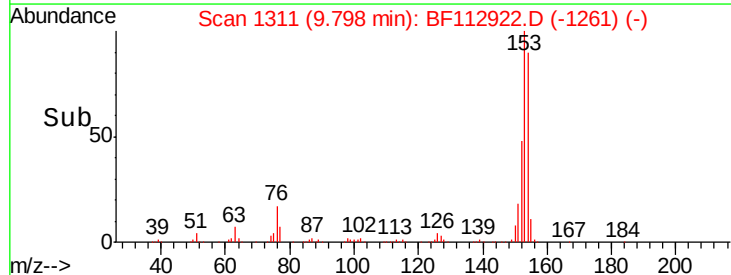
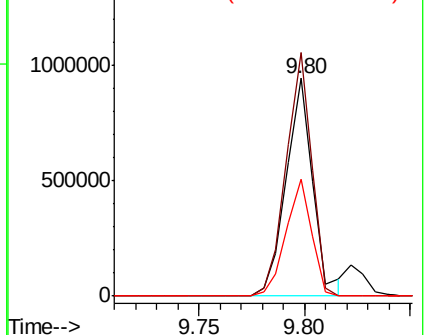
152 53.6 43.0 64.6

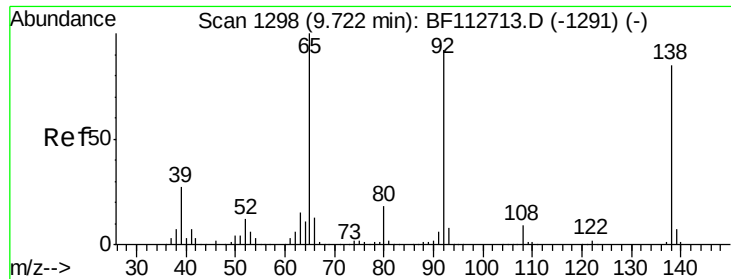


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

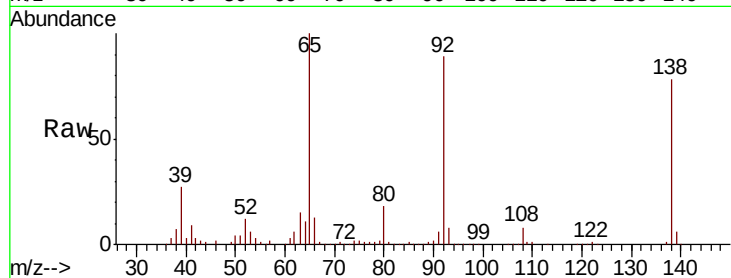




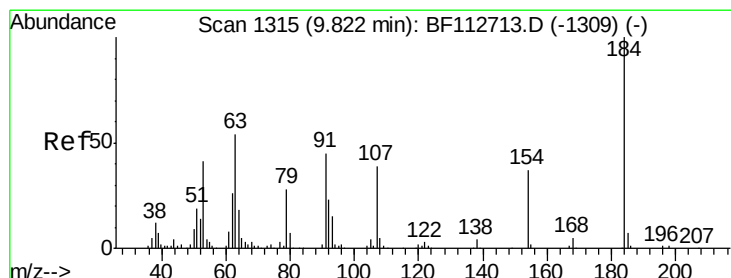
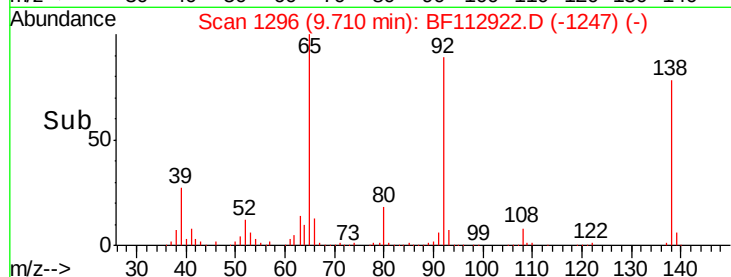
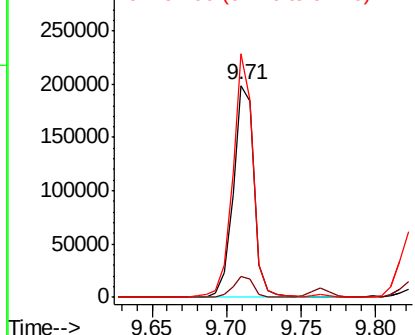
#53
 3-Nitroaniline
 Concen: 25.794 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:138 Resp: 194763
 Ion Ratio Lower Upper
 138 100
 108 9.9 8.6 13.0
 92 114.9 86.6 129.8

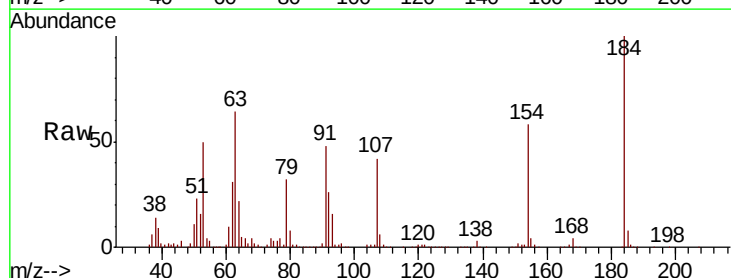


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

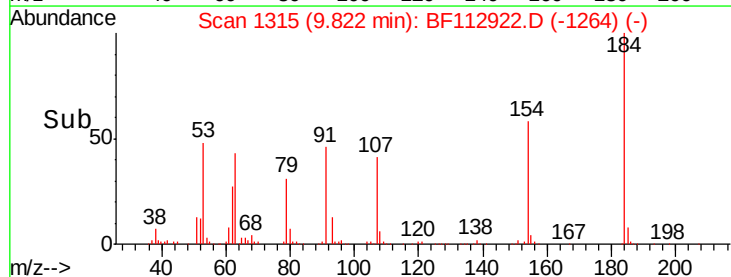
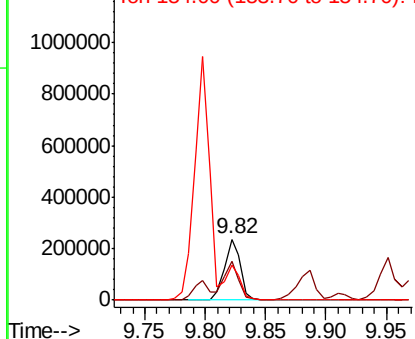


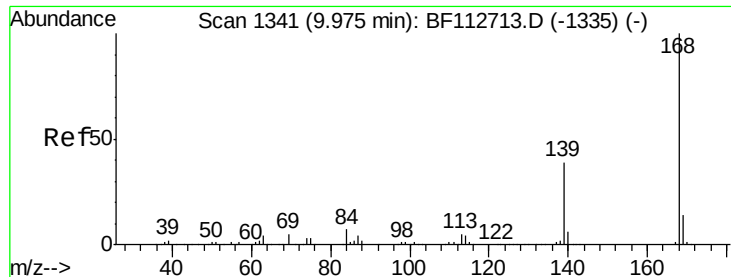
#54
 2,4-Dinitrophenol
 Concen: 85.655 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Tgt Ion:184 Resp: 218367
 Ion Ratio Lower Upper
 184 100
 63 63.7 45.3 67.9
 154 57.9 46.0 69.0



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

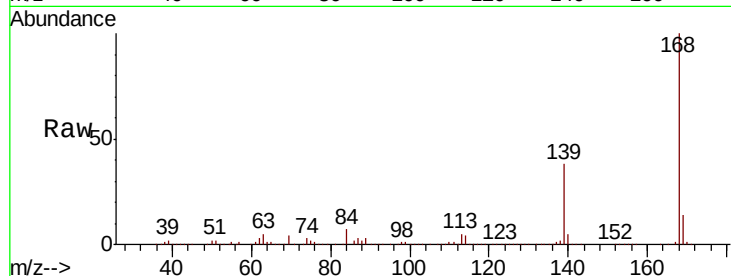




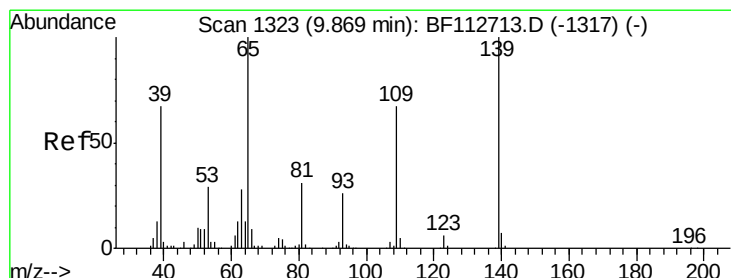
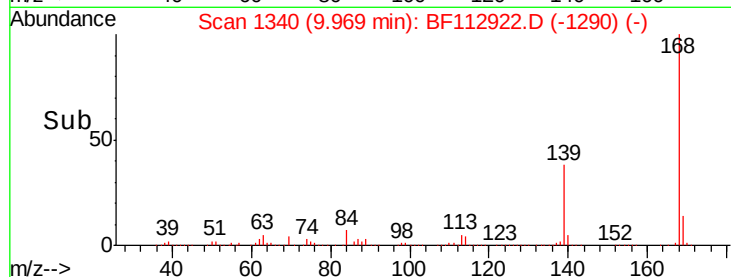
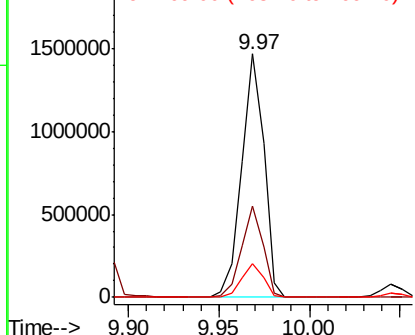
#55
Dibenzenofuran
Concen: 33.839 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 1254970
Ion Ratio Lower Upper
168 100
139 37.5 31.3 46.9
169 14.0 11.3 16.9

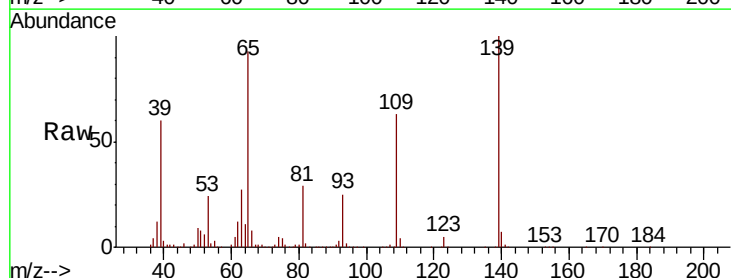


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

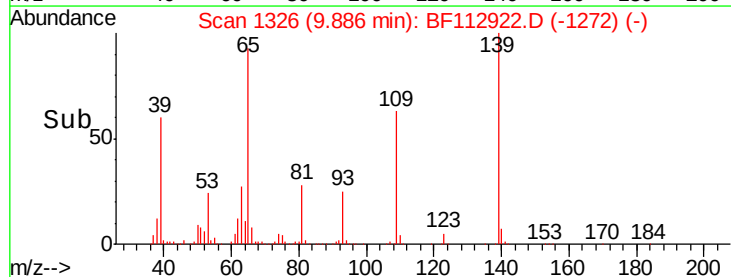
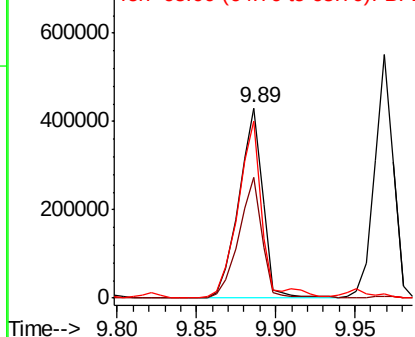


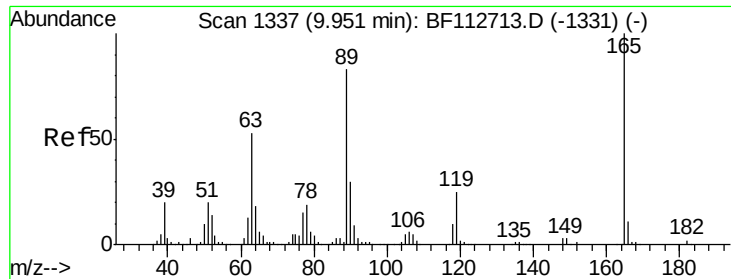
#56
4-Nitrophenol
Concen: 73.291 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion:139 Resp: 449758
Ion Ratio Lower Upper
139 100
109 63.4 46.8 86.8
65 92.9 80.7 120.7



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

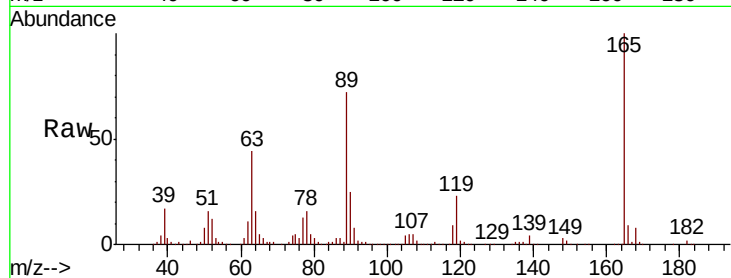




#57
2,4-Dinitrotoluene
Concen: 43.303 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampled :

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.5	42.2	63.2
89	71.7	66.2	99.4
182	2.5	1.8	2.6



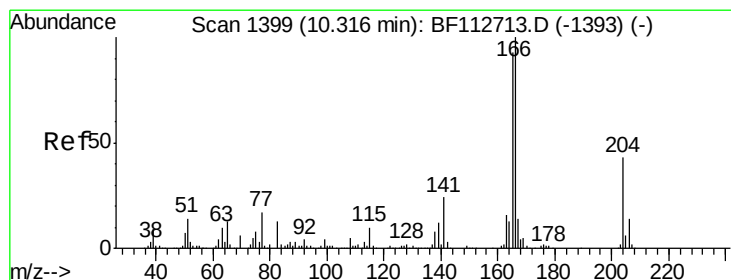
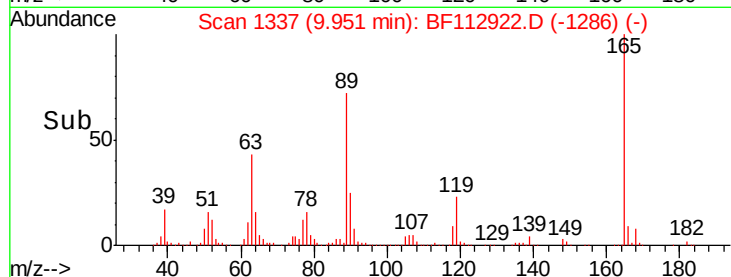
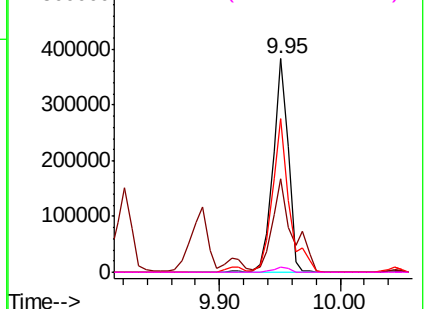
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

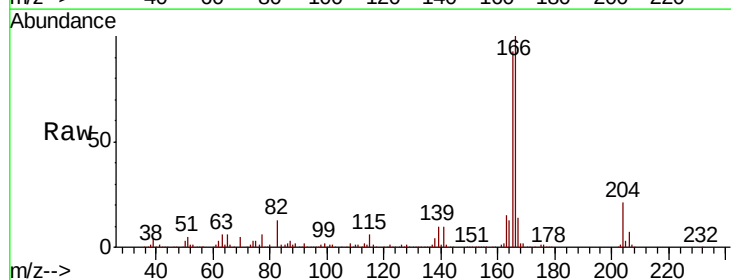
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 35.039 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.8	74.7	112.1
167	13.7	11.0	16.6

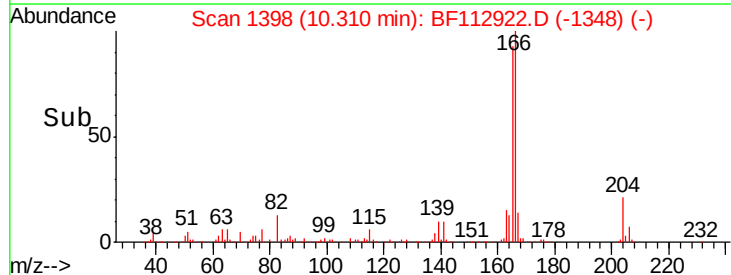
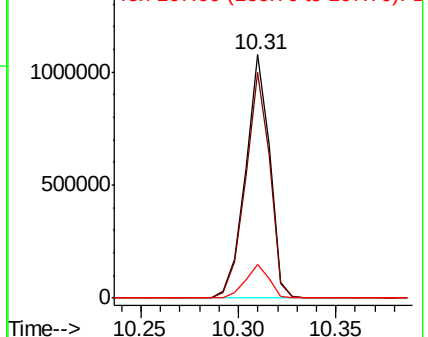


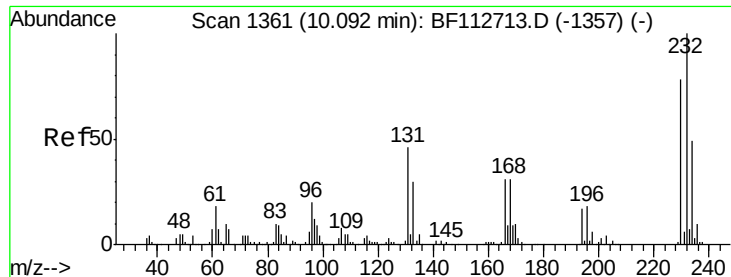
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

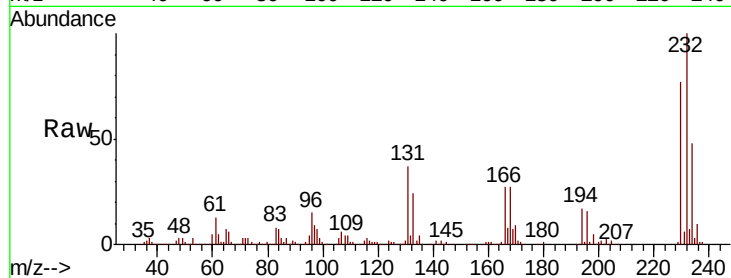




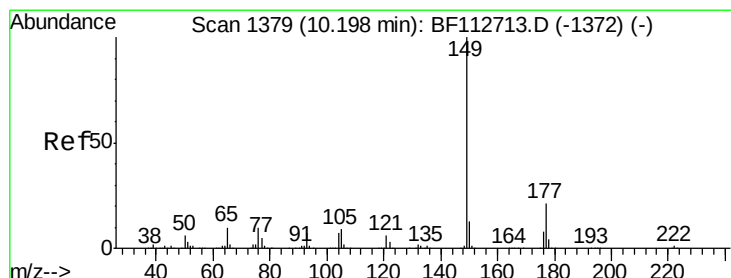
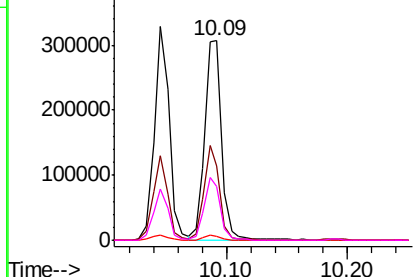
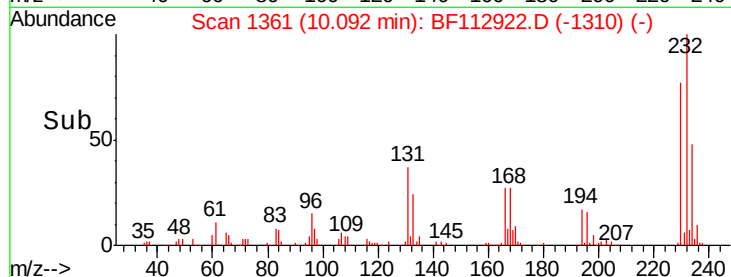
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.934 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion: 232 Resp: 298562
 Ion Ratio Lower Upper
 232 100
 131 43.3 38.7 58.1
 130 2.2 1.9 2.9
 166 29.3 25.2 37.8

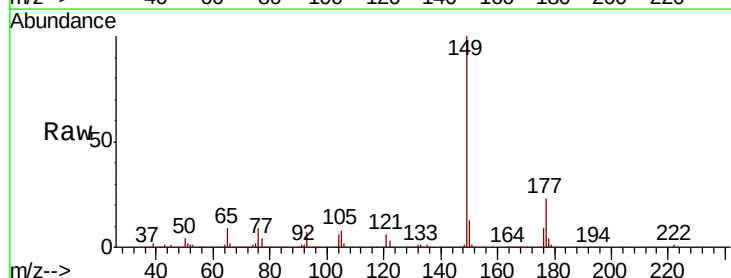


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

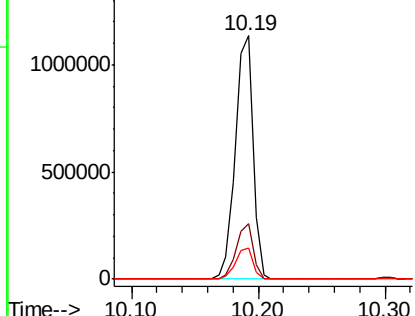
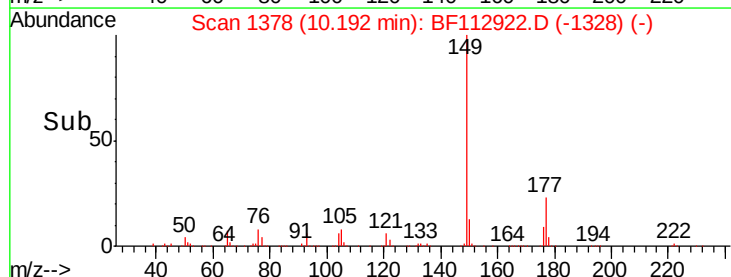


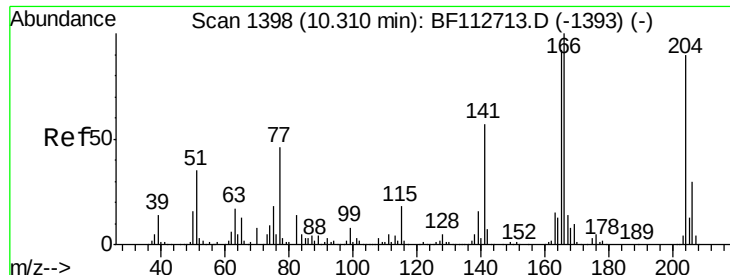
#60
 Diethylphthalate
 Concen: 34.686 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Tgt Ion: 149 Resp: 1090107
 Ion Ratio Lower Upper
 149 100
 177 22.6 17.0 25.6
 150 12.6 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

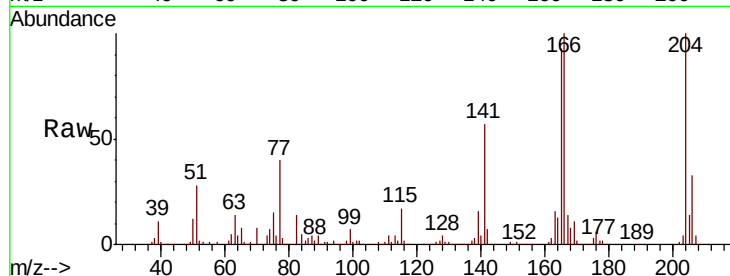




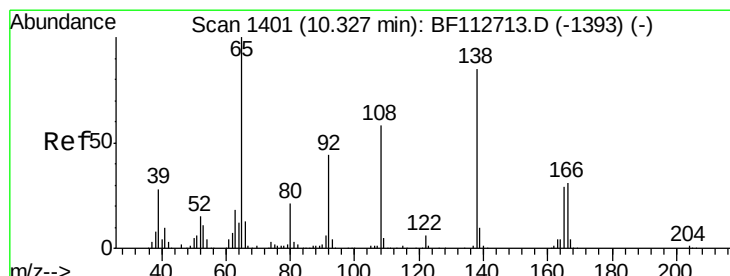
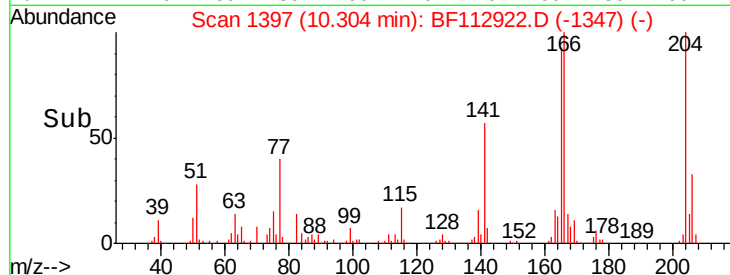
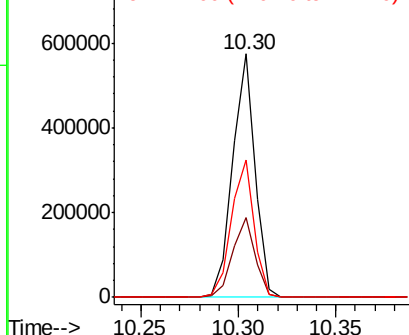
#61
 4-Chlorophenyl-phenylether
 Concen: 37.232 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:204 Resp: 455983
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.6 40.0
 141 56.5 50.8 76.2

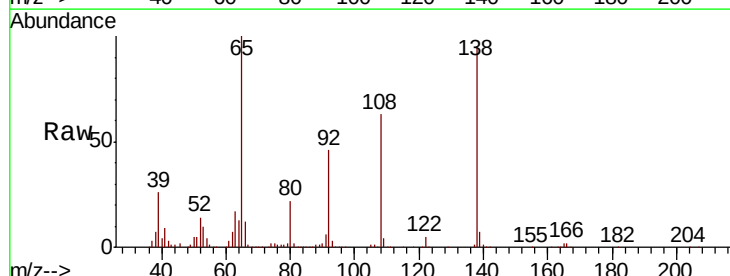


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

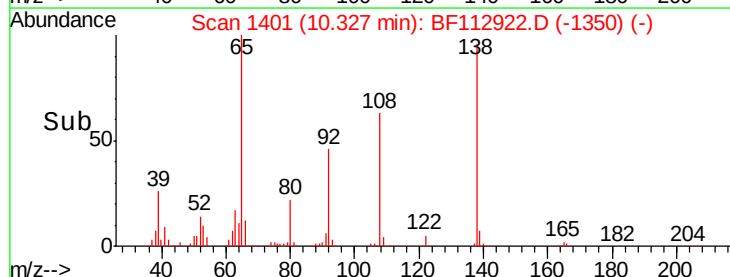
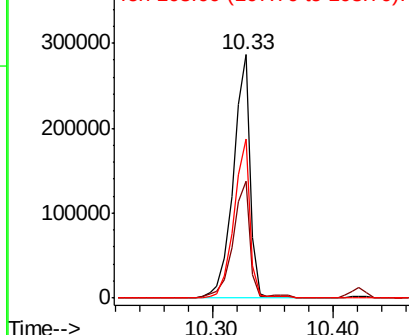


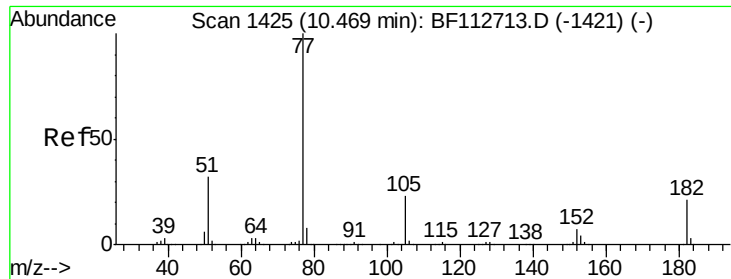
#62
 4-Nitroaniline
 Concen: 40.220 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Tgt Ion:138 Resp: 280625
 Ion Ratio Lower Upper
 138 100
 92 48.0 31.3 71.3
 108 65.5 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

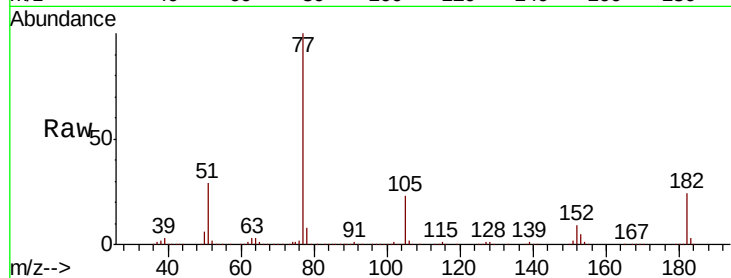




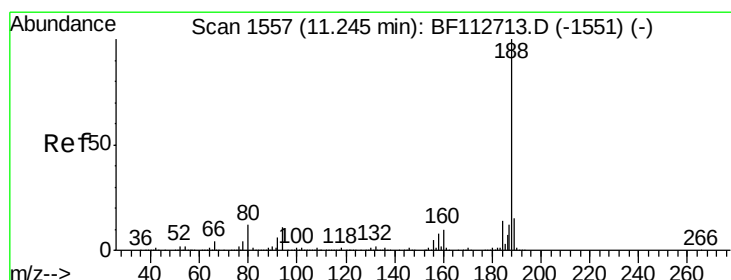
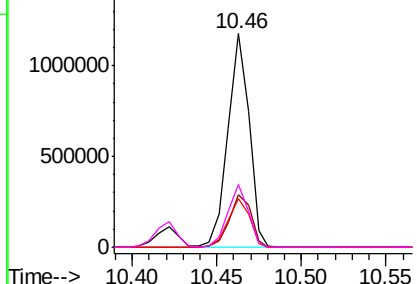
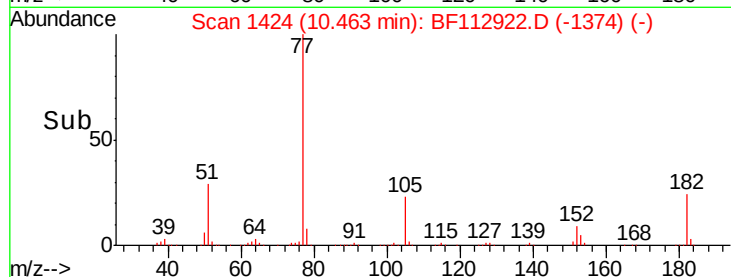
#63
Azobenzene
Concen: 31.726 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 1021295
Ion Ratio Lower Upper
77 100
182 24.4 1.4 41.4
105 23.1 2.6 42.6
51 29.2 12.0 52.0

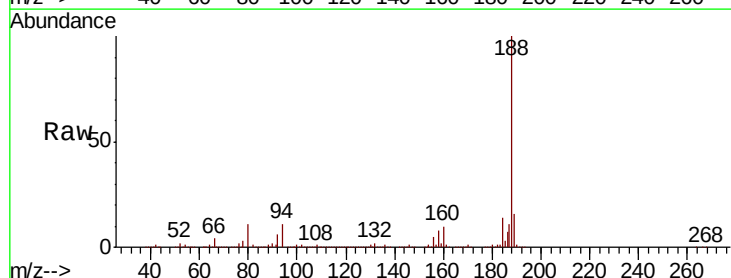


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

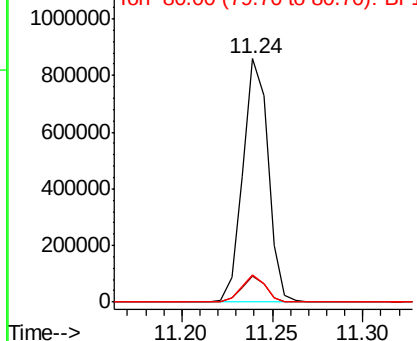
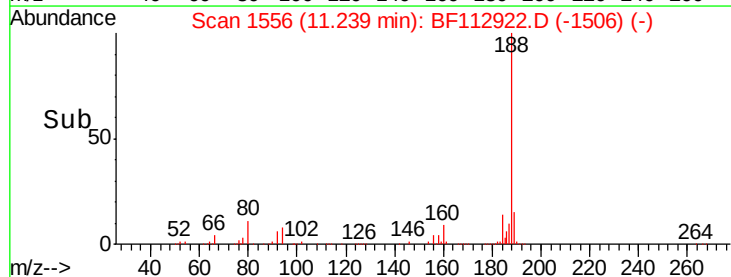


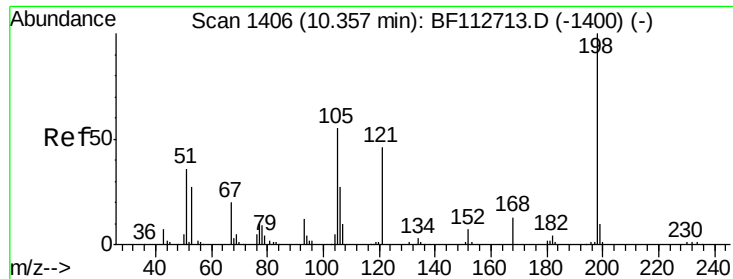
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion: 188 Resp: 835719
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.4
80 11.1 9.2 13.8



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

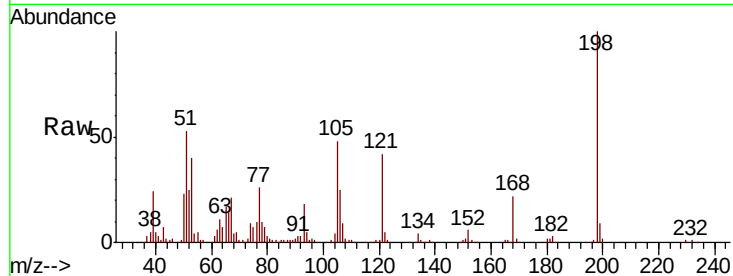




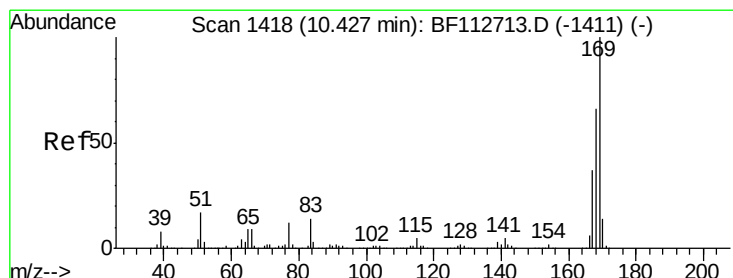
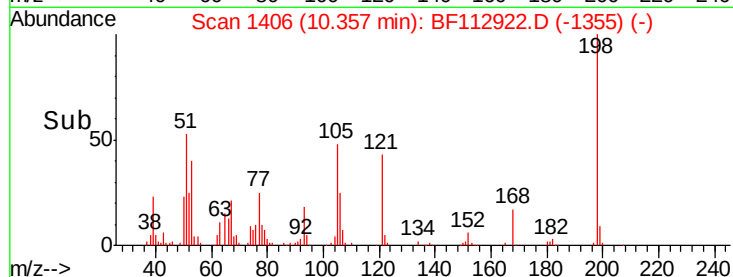
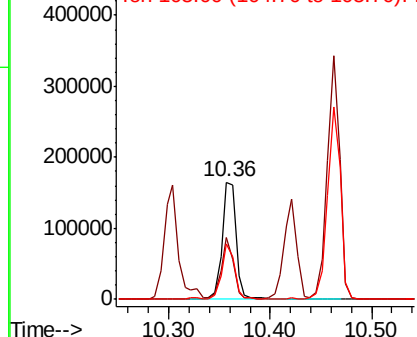
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.275 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:198 Resp: 158272
 Ion Ratio Lower Upper
 198 100
 51 52.7 43.8 83.8
 105 47.5 36.5 76.5

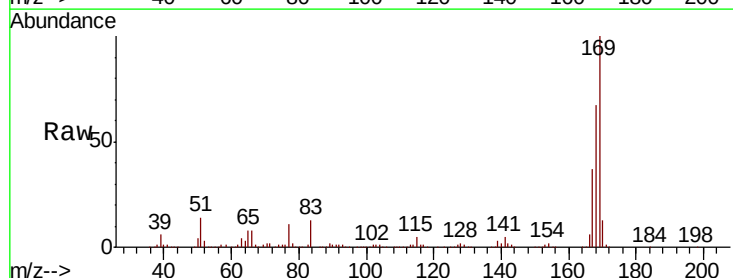


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

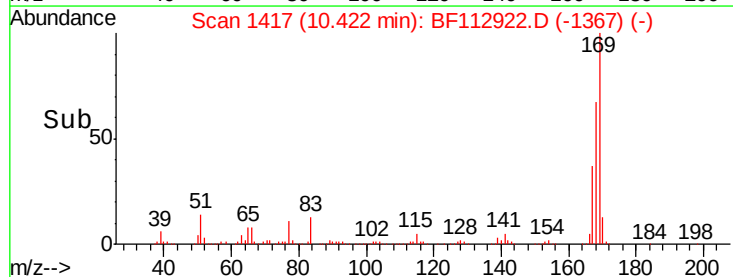
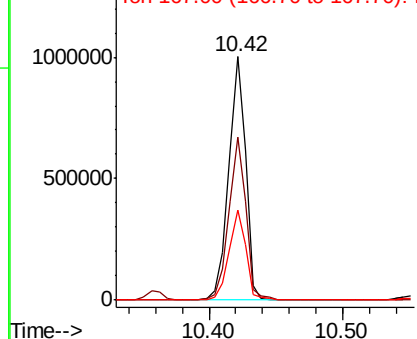


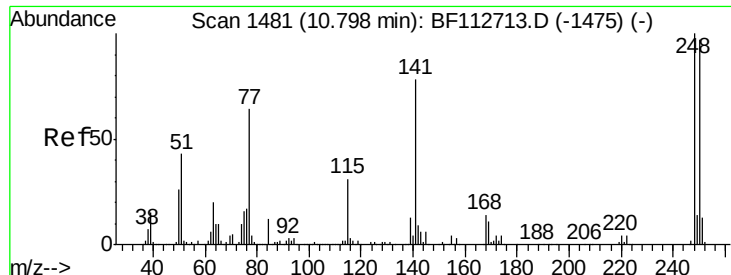
#66
 n-Nitrosodiphenylamine
 Concen: 33.683 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Tgt Ion:169 Resp: 902778
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.0 79.6
 167 36.8 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

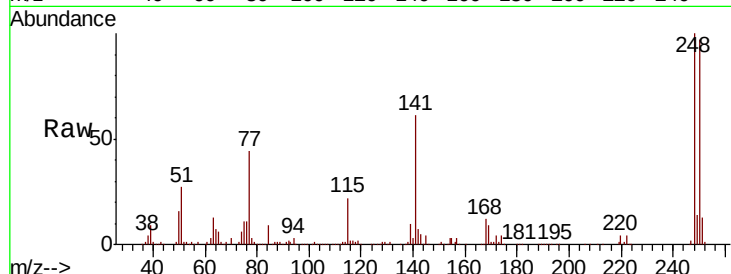




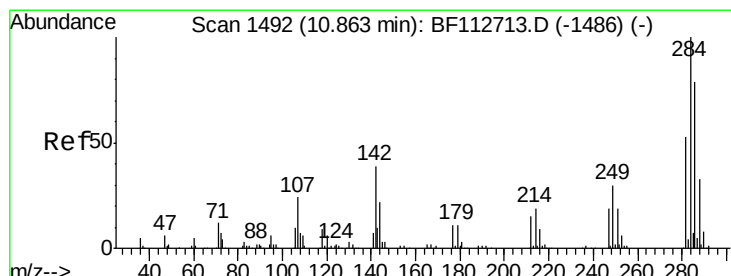
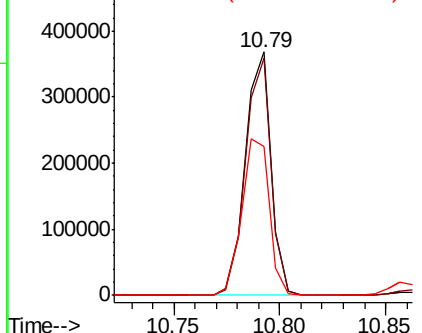
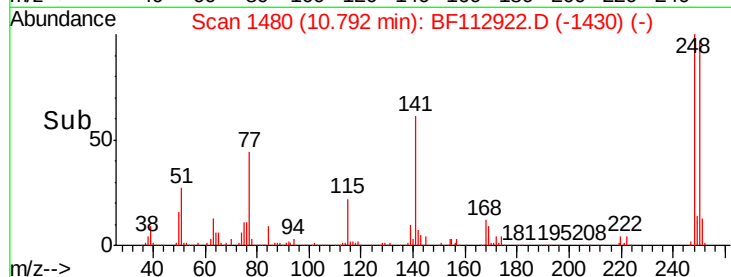
#67
 4-Bromophenyl-phenylether
 Concen: 35.483 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:248 Resp: 312342
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.5 116.3
 141 61.2 62.4 93.6#

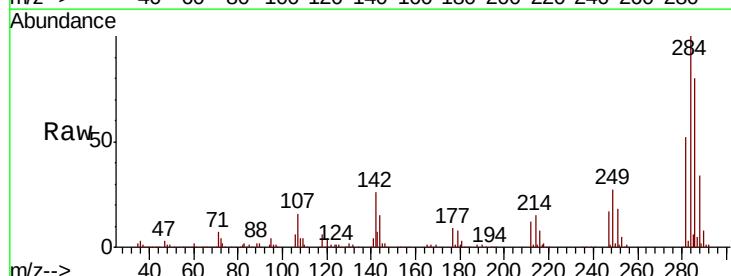


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

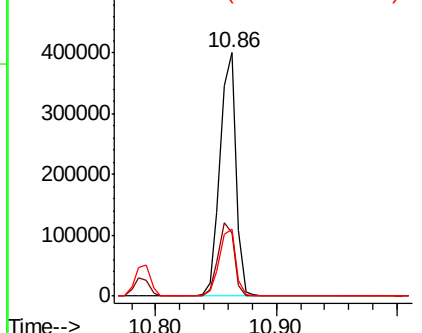
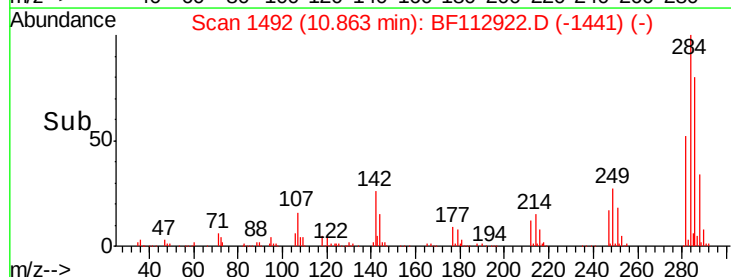


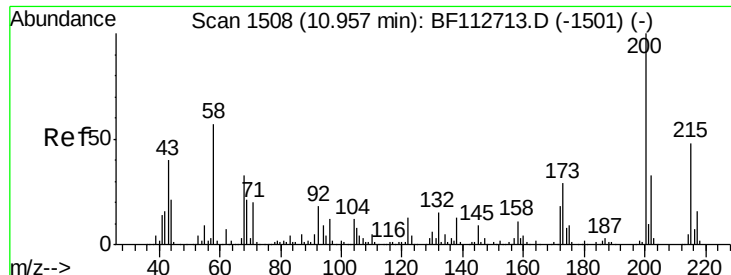
#68
 Hexachlorobenzene
 Concen: 36.748 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Tgt Ion:284 Resp: 364647
 Ion Ratio Lower Upper
 284 100
 142 26.2 31.0 46.6#
 249 27.5 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

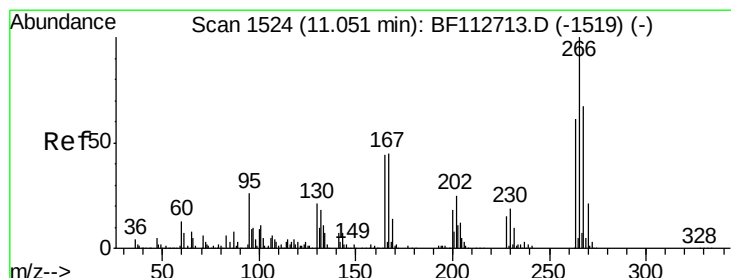
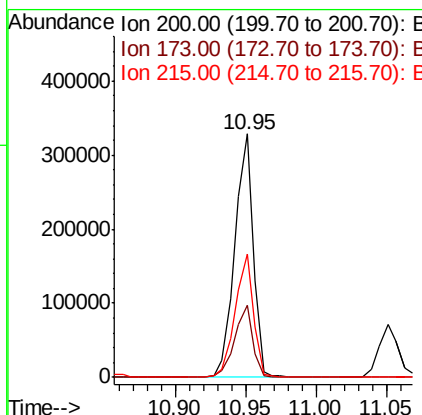
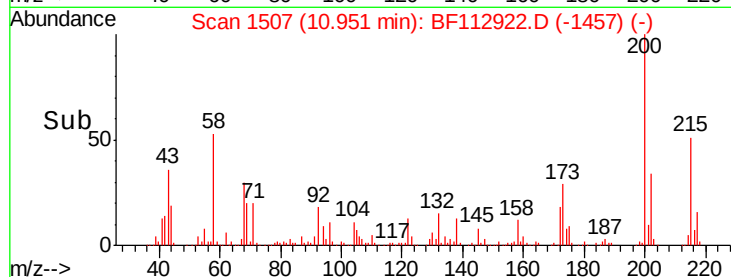
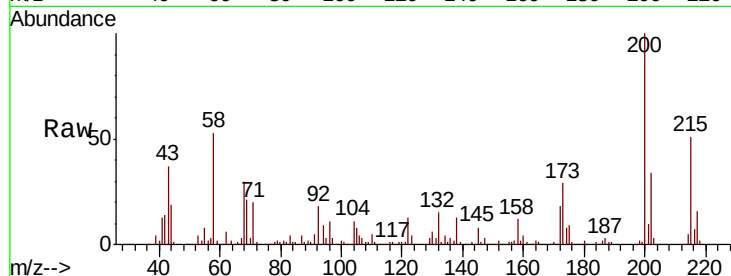




#69
Atrazine
Concen: 36.687 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

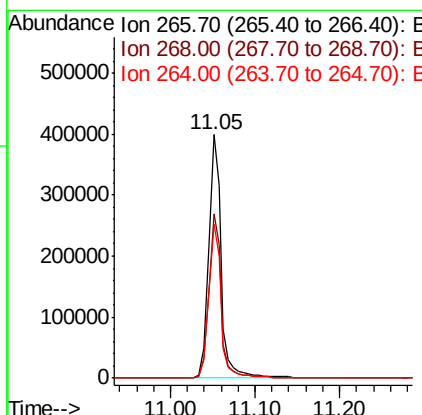
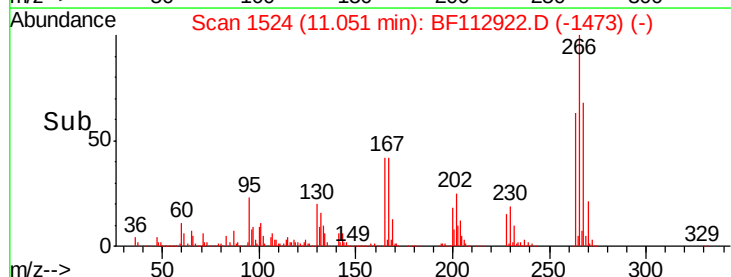
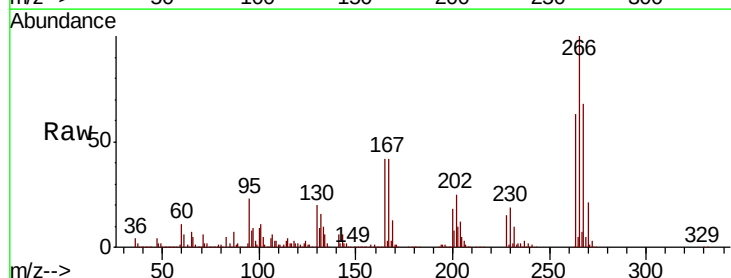
Instrument :
BNA_F
ClientSampled :

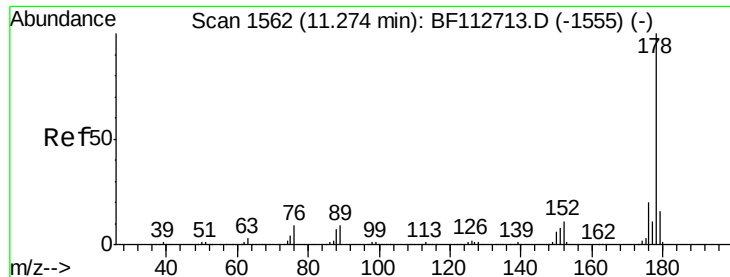
Tgt Ion:200 Resp: 301153
Ion Ratio Lower Upper
200 100
173 29.4 9.1 49.1
215 50.6 28.2 68.2



#70
Pentachlorophenol
Concen: 71.063 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion:266 Resp: 415032
Ion Ratio Lower Upper
266 100
268 67.6 53.3 79.9
264 63.3 48.9 73.3

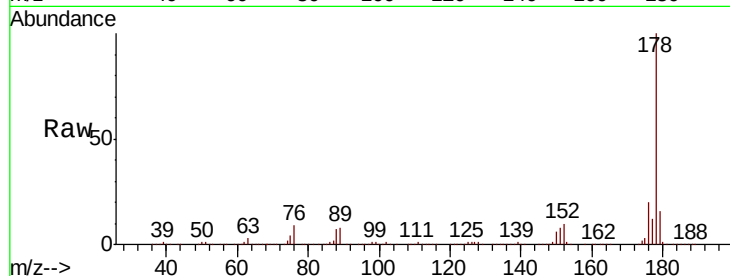




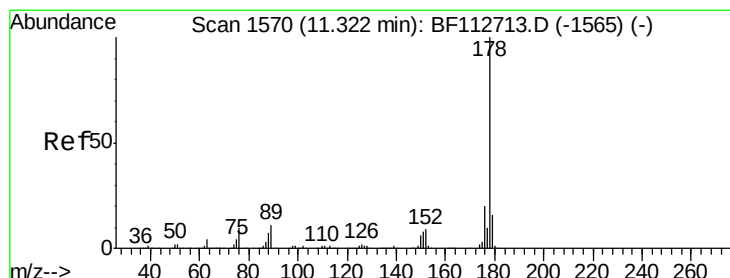
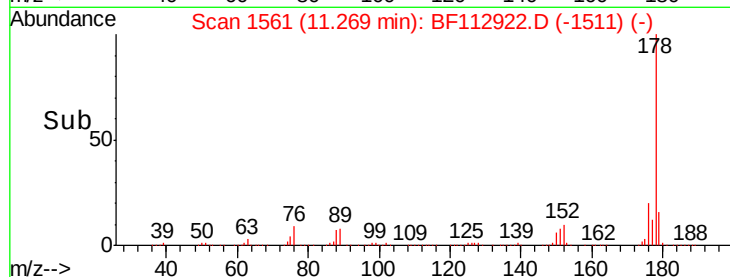
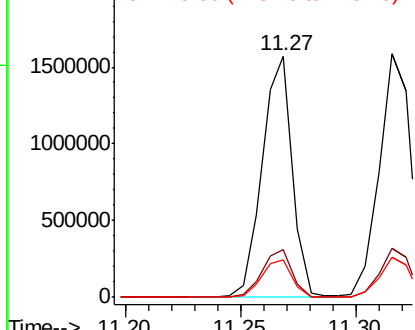
#71
Phenanthrene
Concen: 34.380 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1429510
Ion Ratio Lower Upper
178 100
176 20.0 16.3 24.5
179 15.8 12.7 19.1

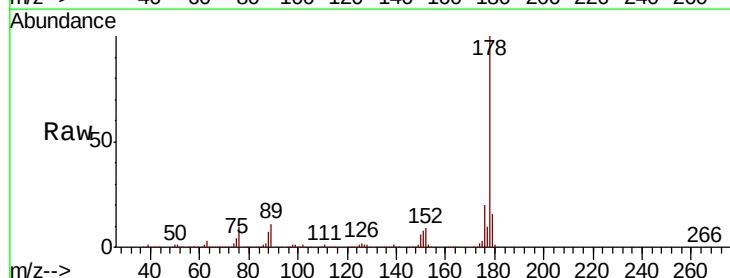


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

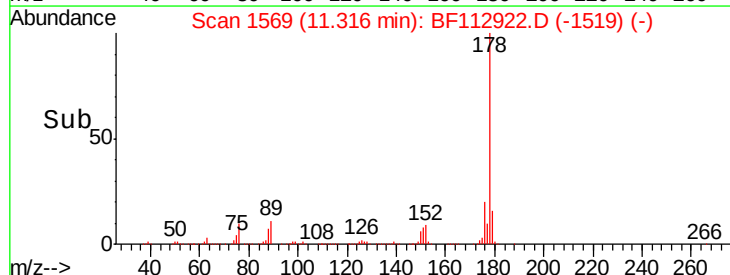
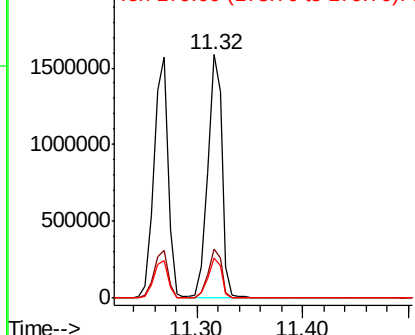


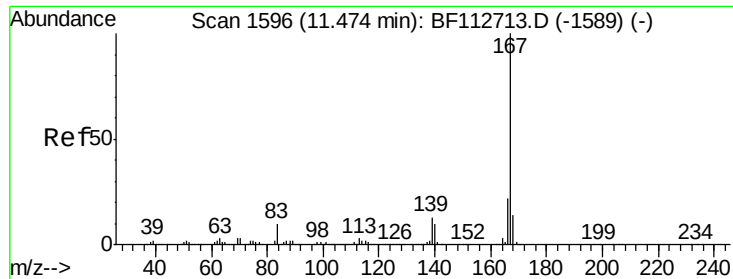
#72
Anthracene
Concen: 34.291 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion:178 Resp: 1492548
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 16.3 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

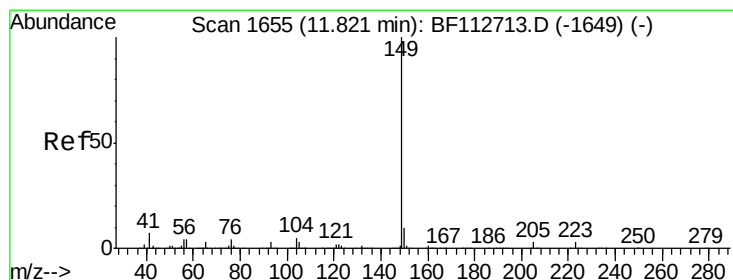
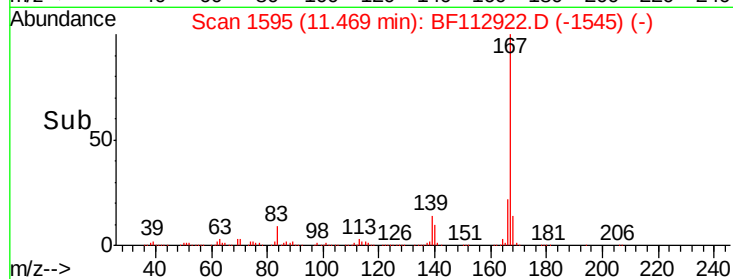
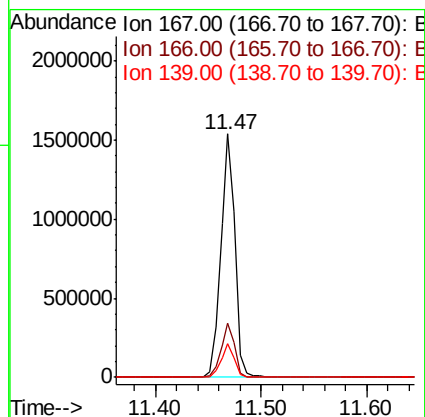
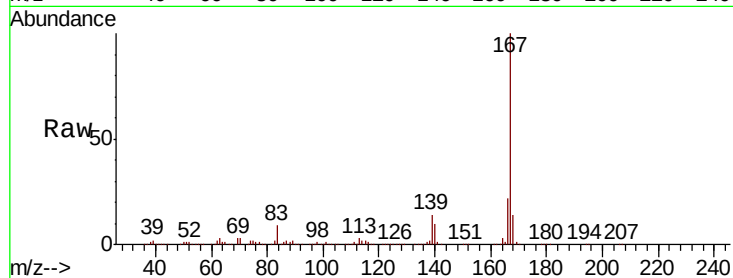




#73
 Carbazole
 Concen: 34.316 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

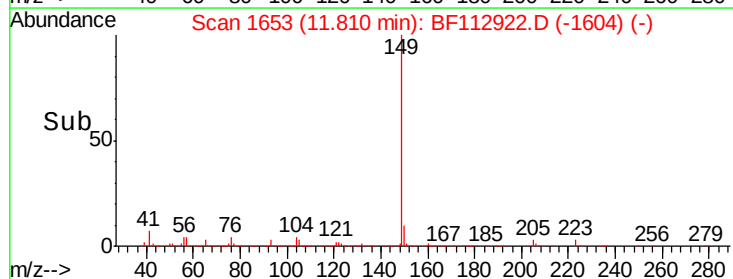
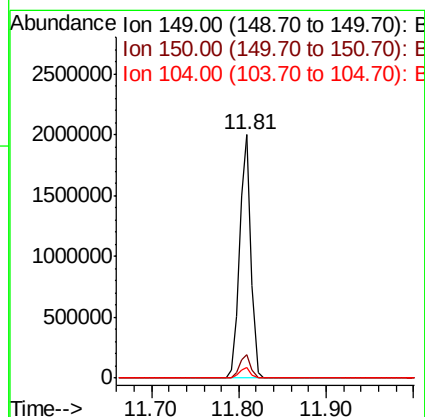
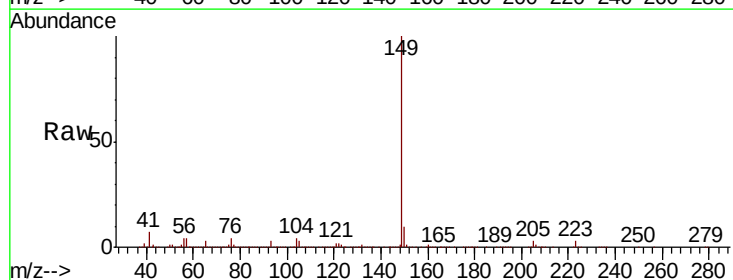
Instrument :
 BNA_F
 ClientSampleId :

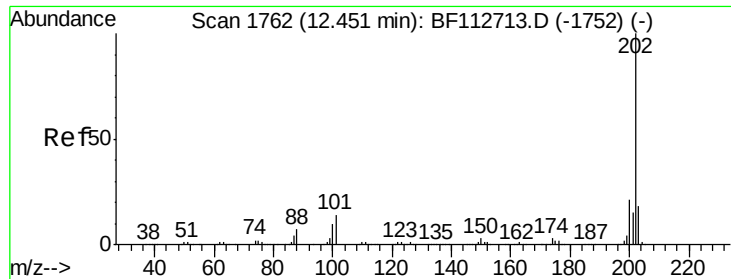
Tgt Ion:167 Resp: 1457027
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.5 26.3
 139 13.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 34.051 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF112922.D
 Acq: 7 Mar 2019 15:41

Tgt Ion:149 Resp: 1733555
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 4.5 3.7 5.5





#75

Fluoranthene

Concen: 35.524 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

ClientSampleId :

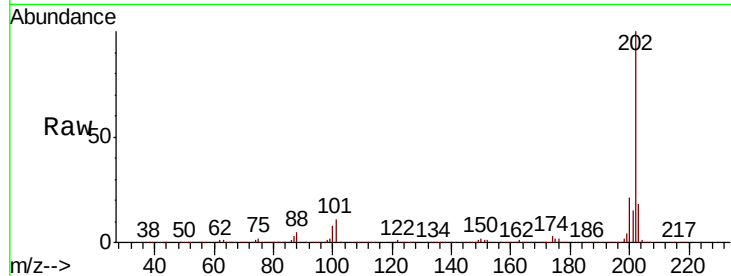
Tgt Ion:202 Resp: 1582519

Ion Ratio Lower Upper

202 100

101 10.6 0.0 33.8

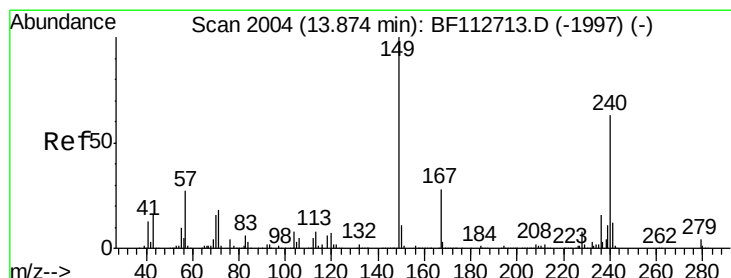
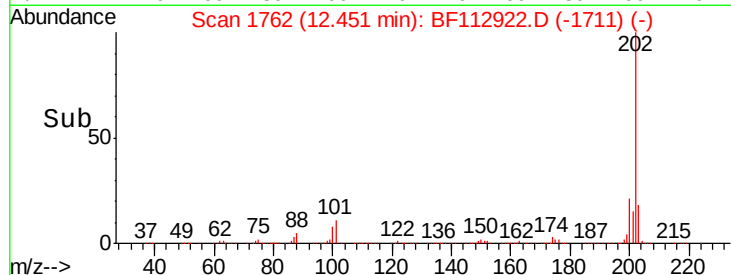
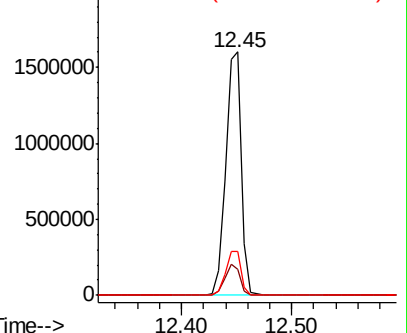
203 17.9 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

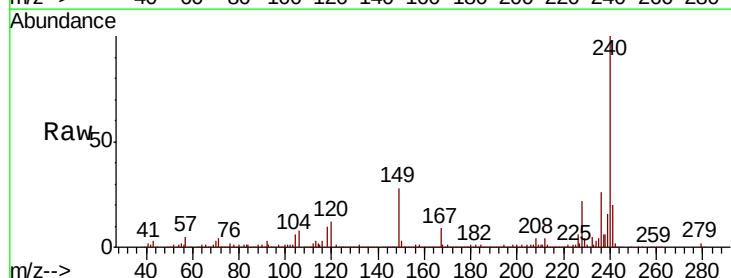
Tgt Ion:240 Resp: 604734

Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

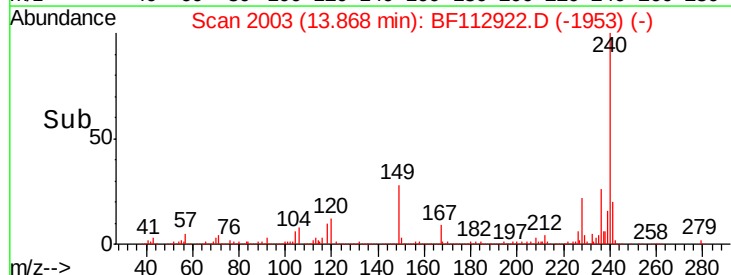
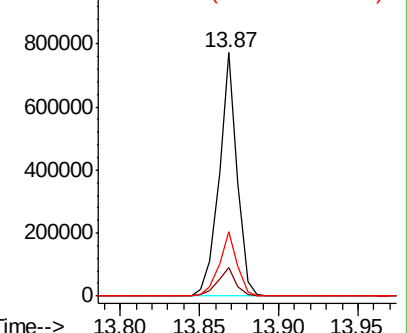
236 26.4 20.7 31.1

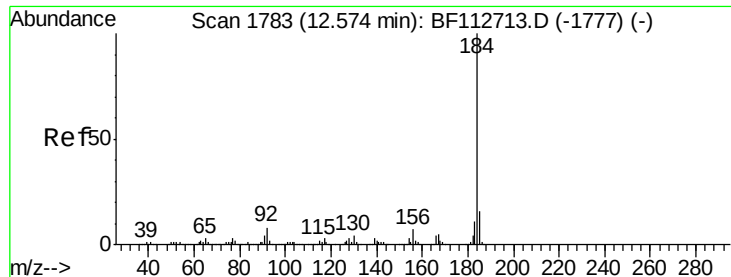


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.603 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

ClientSampleId :

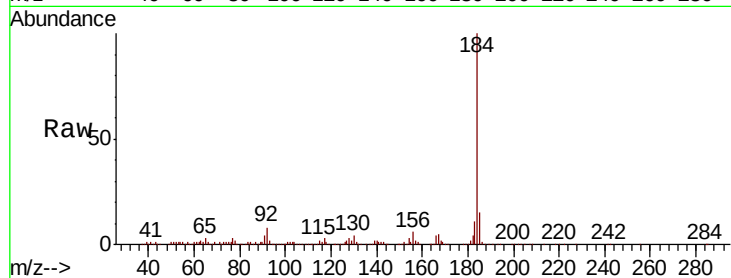
Tgt Ion:184 Resp: 834669

Ion Ratio Lower Upper

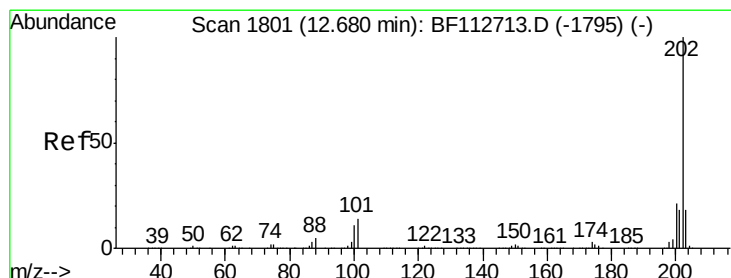
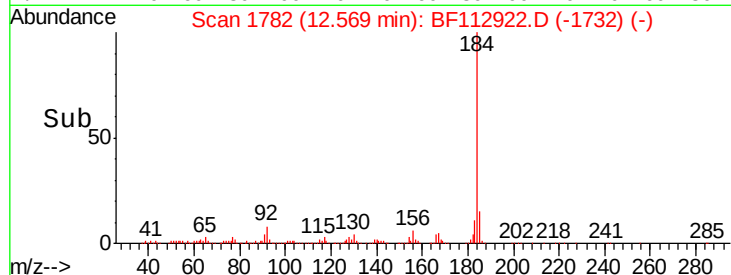
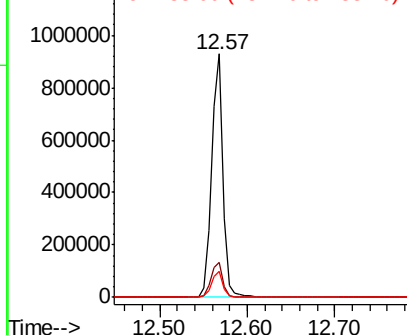
184 100

185 14.6 12.6 18.8

183 10.9 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: 31.815 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

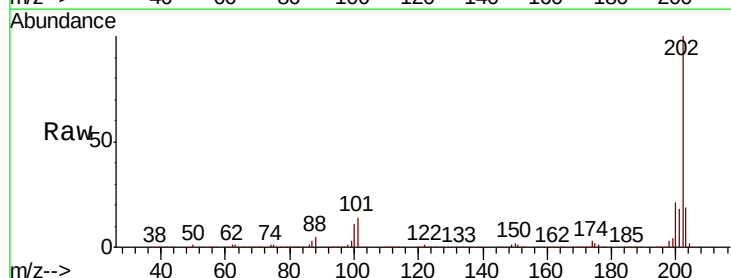
Tgt Ion:202 Resp: 1621955

Ion Ratio Lower Upper

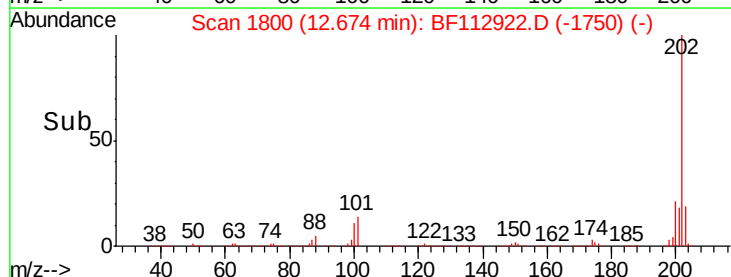
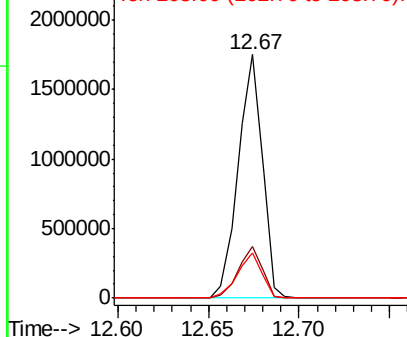
202 100

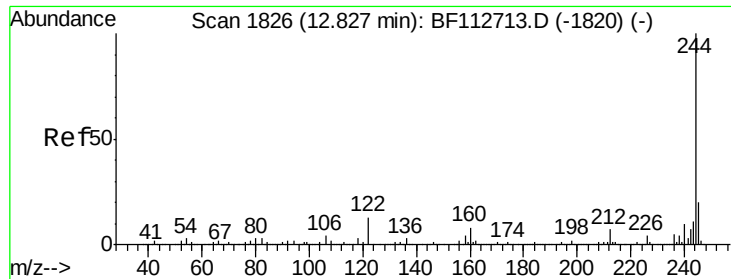
200 21.0 17.0 25.4

203 18.7 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: 63.408 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

ClientSampleId :

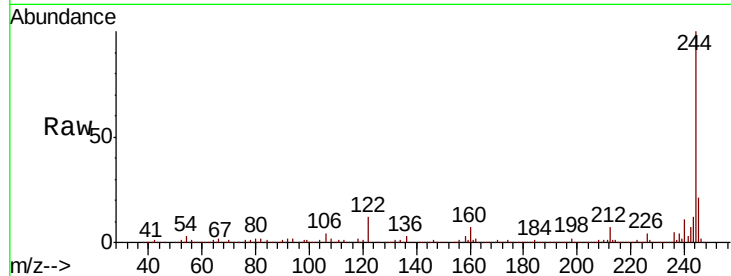
Tgt Ion:244 Resp: 1978071

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

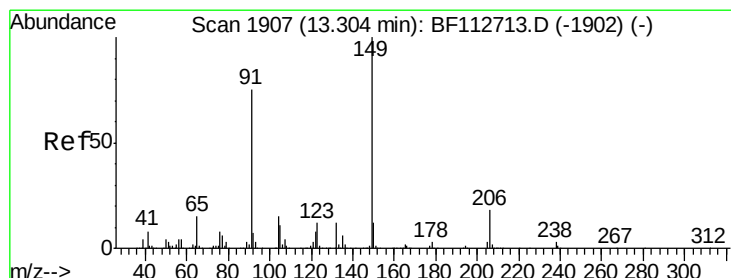
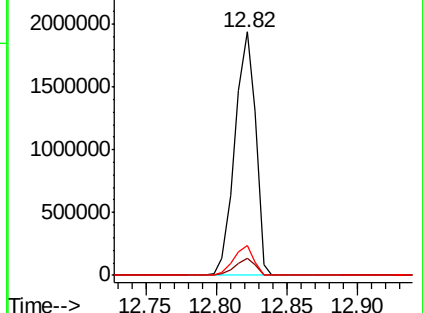
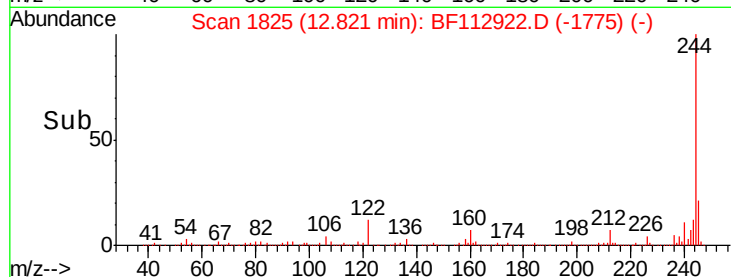
122 12.1 10.5 15.7



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: 34.834 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

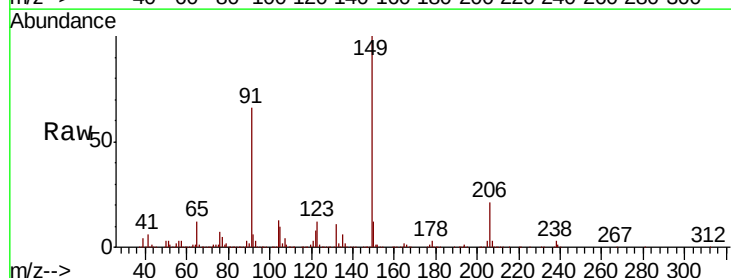
Tgt Ion:149 Resp: 783883

Ion Ratio Lower Upper

149 100

91 66.1 59.9 89.9

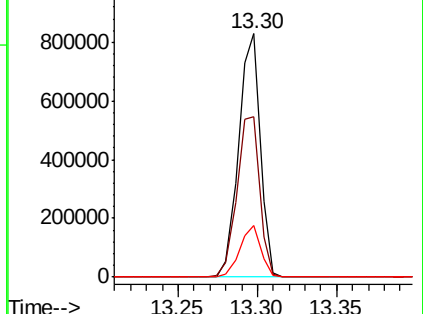
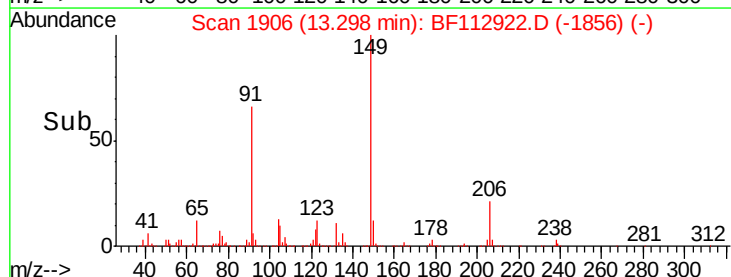
206 21.4 14.7 22.1

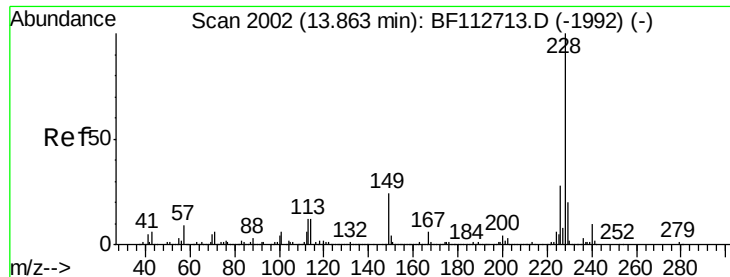


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 29.946 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

ClientSampleId :

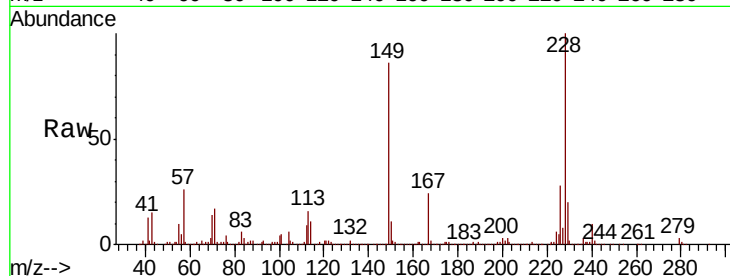
Tgt Ion:228 Resp: 1255098

Ion Ratio Lower Upper

228 100

226 27.9 22.2 33.4

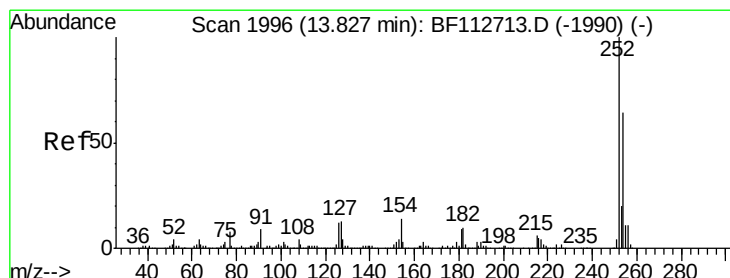
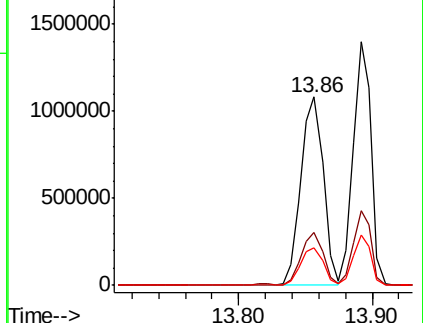
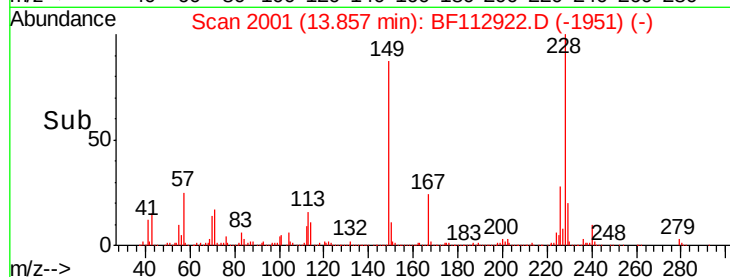
229 20.1 16.0 24.0



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: 24.615 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

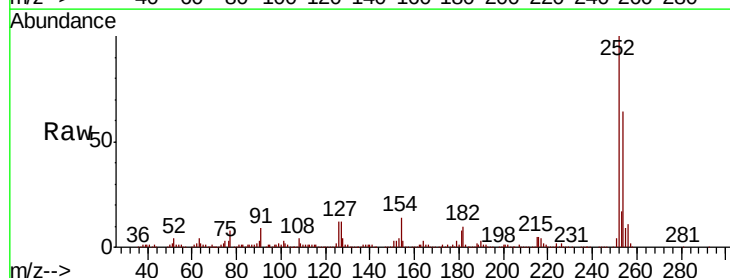
Tgt Ion:252 Resp: 390174

Ion Ratio Lower Upper

252 100

254 63.8 51.1 76.7

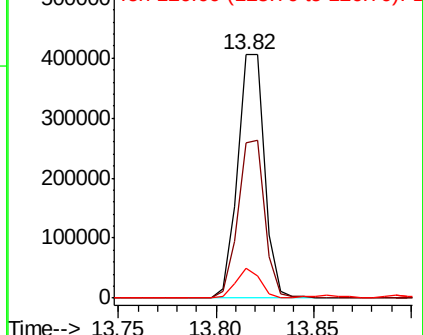
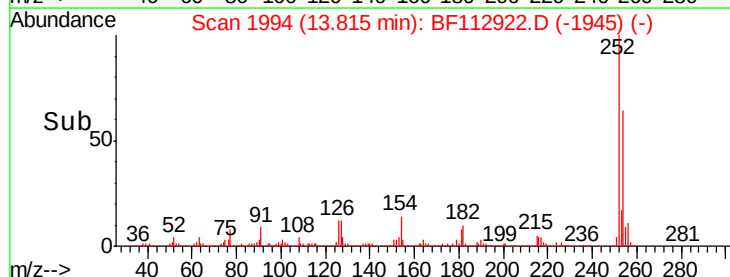
126 12.3 9.9 14.9

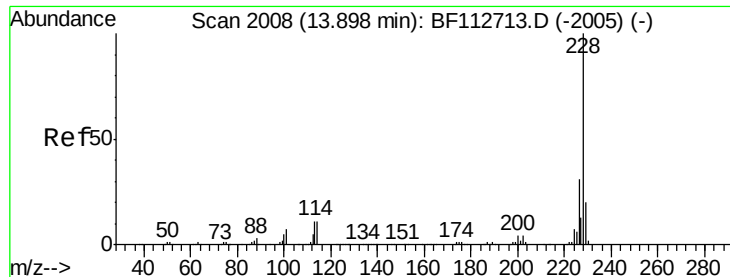


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 32.122 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

ClientSampleId :

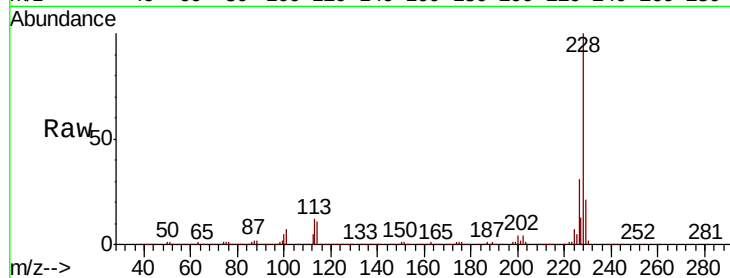
Tgt Ion:228 Resp: 1318761

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

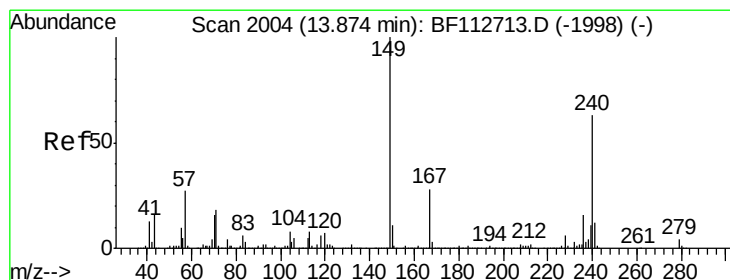
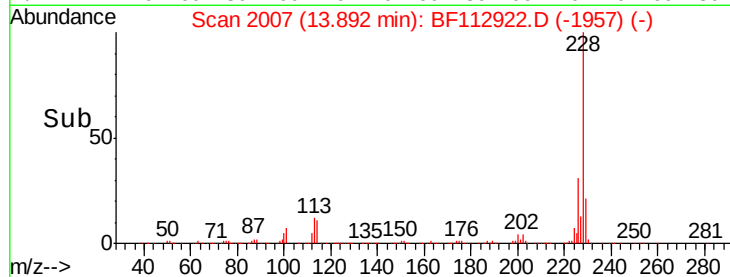
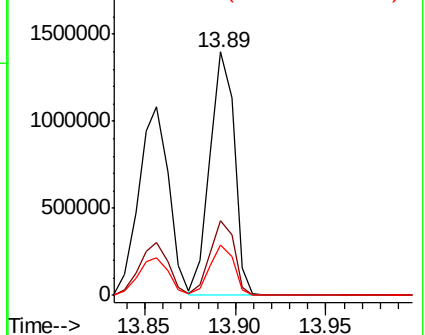
229 20.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.808 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

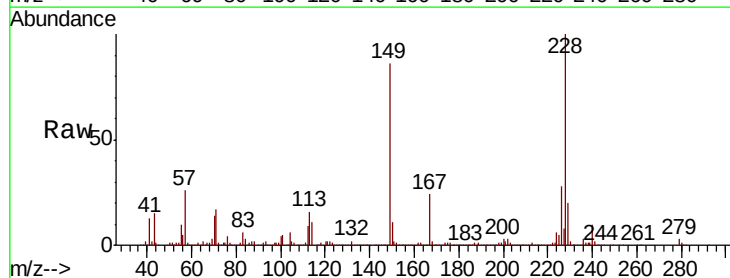
Tgt Ion:149 Resp: 918744

Ion Ratio Lower Upper

149 100

167 27.6 22.4 33.6

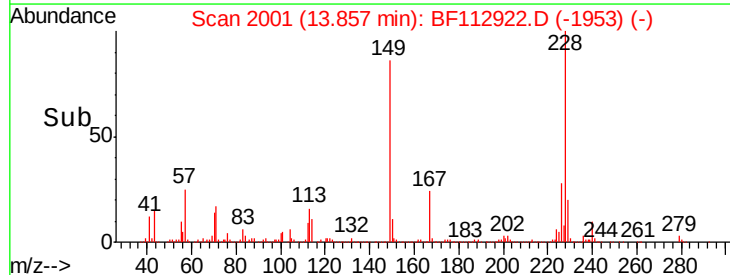
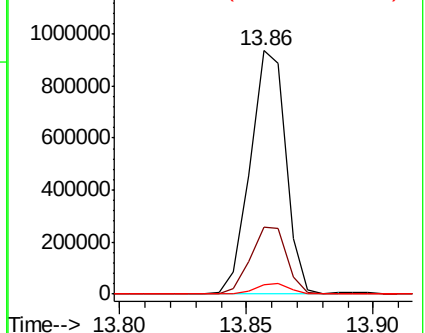
279 3.8 3.3 4.9

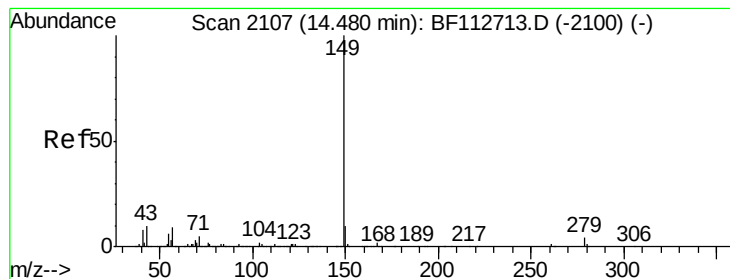


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.208 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Instrument :

BNA_F

ClientSampleId :

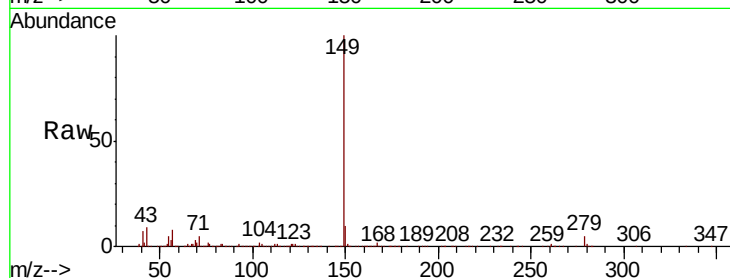
Tgt Ion:149 Resp: 1731731

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

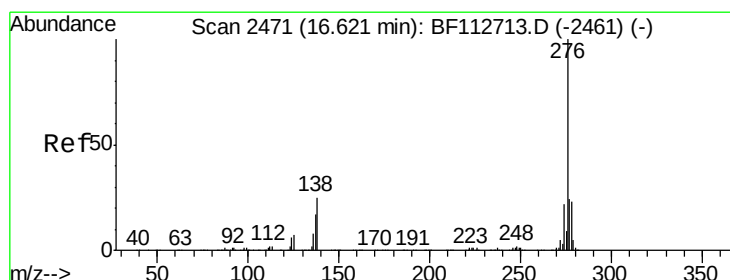
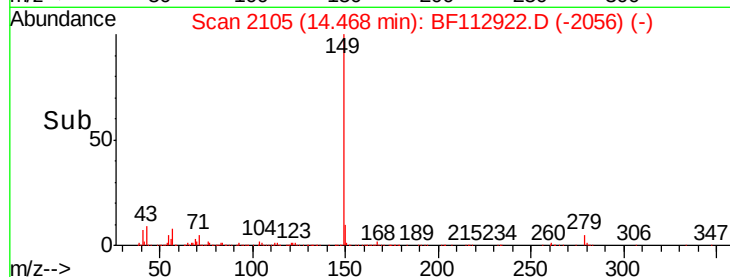
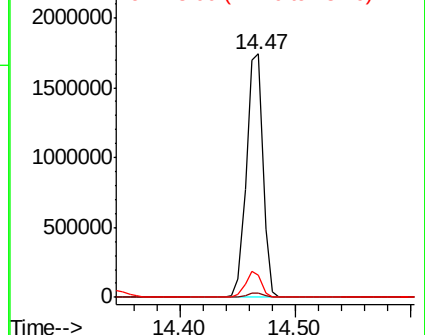
43 9.8 9.0 13.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.132 ng

RT: 16.63 min Scan# 2472

Delta R.T. 0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

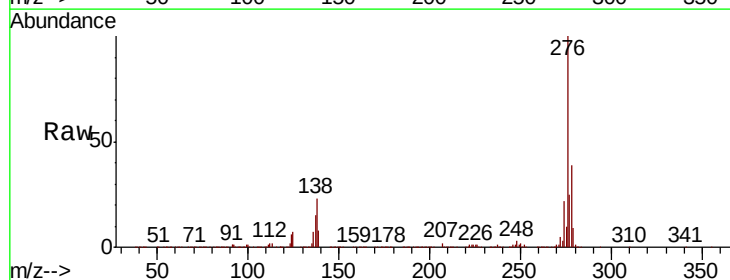
Tgt Ion:276 Resp: 1369623

Ion Ratio Lower Upper

276 100

138 25.0 23.2 34.8

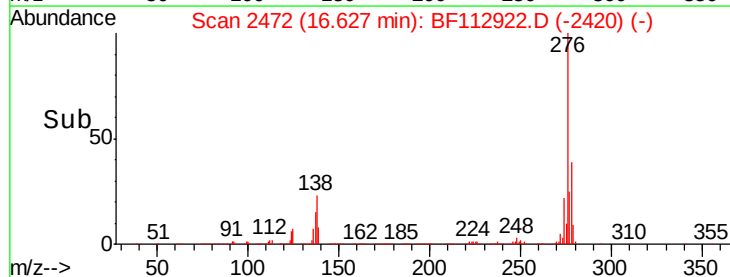
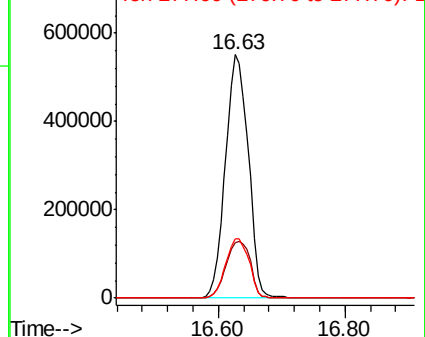
277 25.3 19.9 29.9

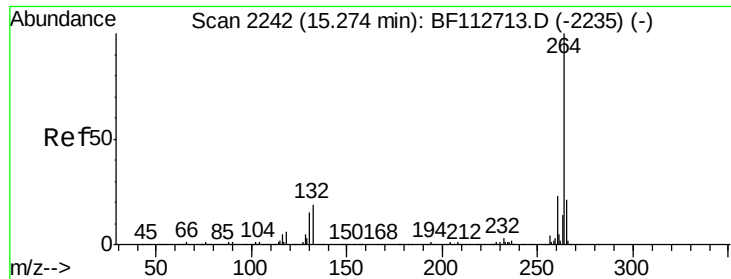


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

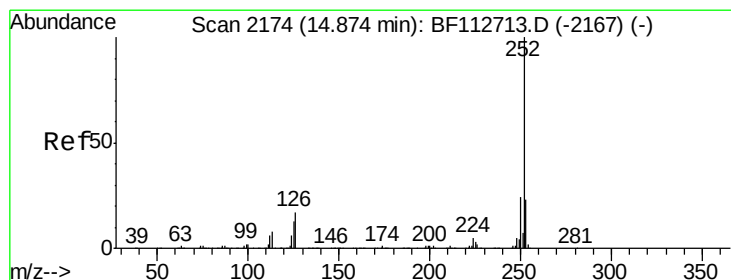
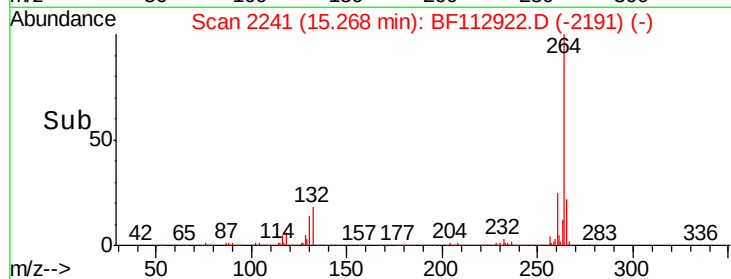
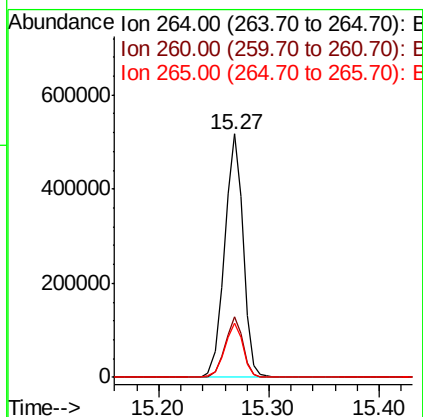
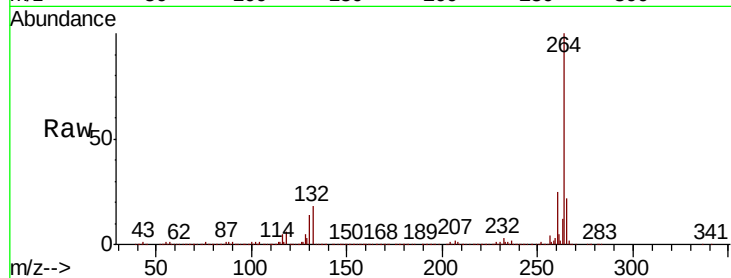




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

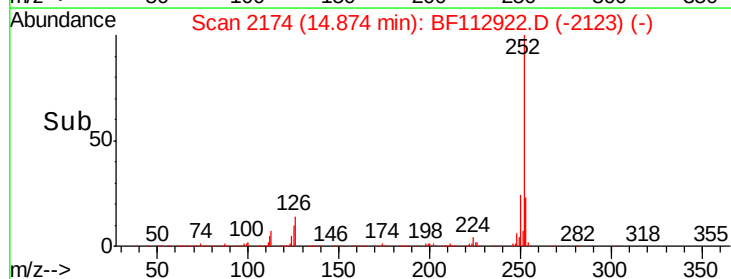
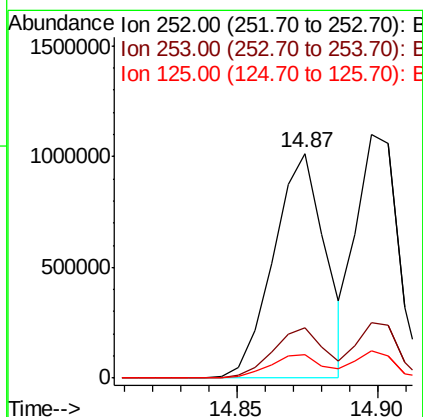
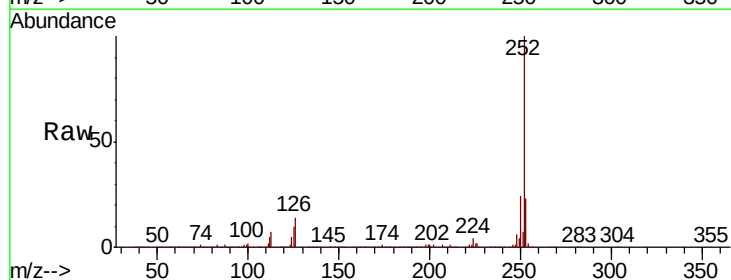
Instrument :
BNA_F
ClientSampleId :

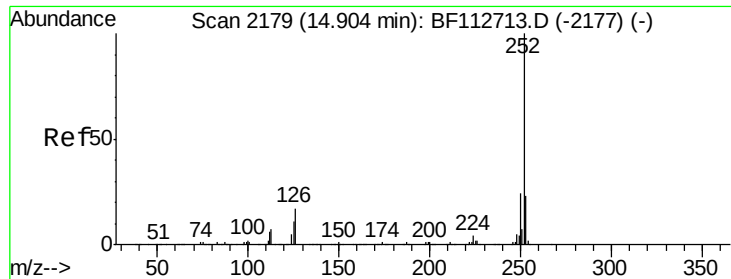
Tgt Ion:264 Resp: 607769
Ion Ratio Lower Upper
264 100
260 24.9 18.7 28.1
265 22.0 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 32.970 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion:252 Resp: 1296109
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 10.4 10.2 15.2

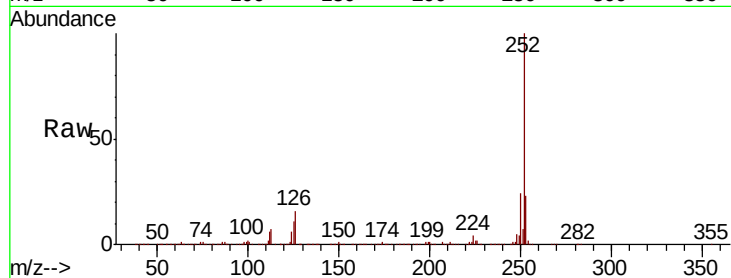




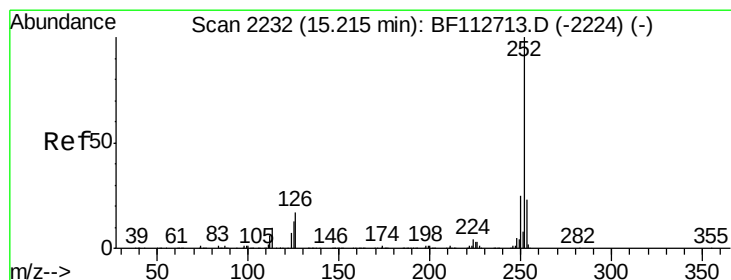
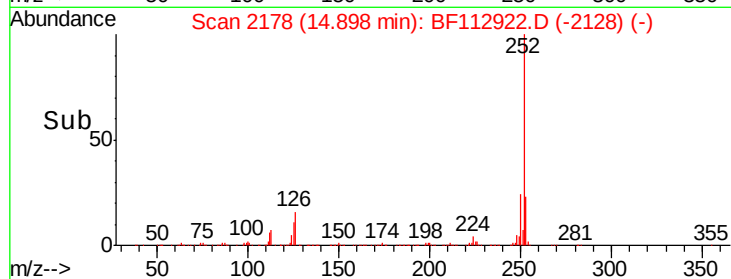
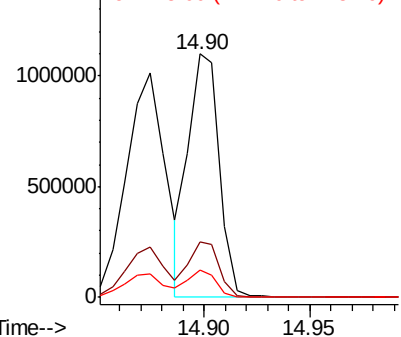
#89
Benzo(k)fluoranthene
Concen: 31.394 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Instrument :
BNA_F
ClientSampled :

Tgt Ion:252 Resp: 1117893
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 11.4 9.8 14.6

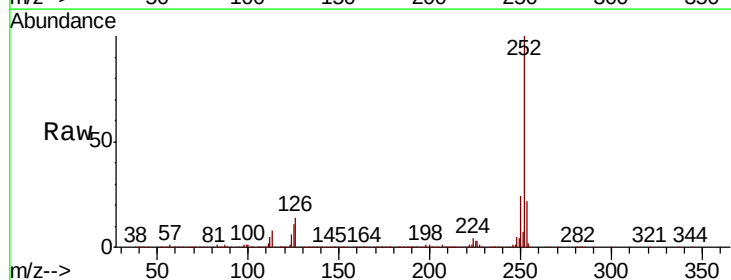


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

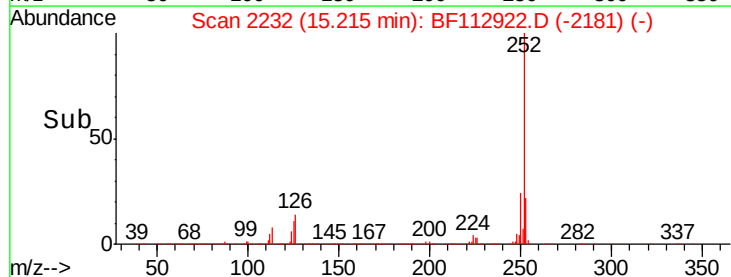
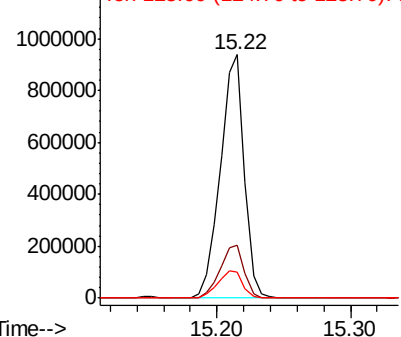


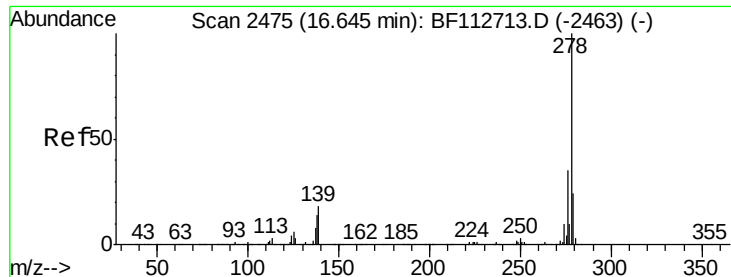
#90
Benzo(a)pyrene
Concen: 33.650 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112922.D
Acq: 7 Mar 2019 15:41

Tgt Ion:252 Resp: 1170099
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.8 10.7 16.1



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





#91

Dibenzo(a,h)anthracene

Concen: 38.414 ng

RT: 16.64 min Scan# 2475

Delta R.T. 0.00 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

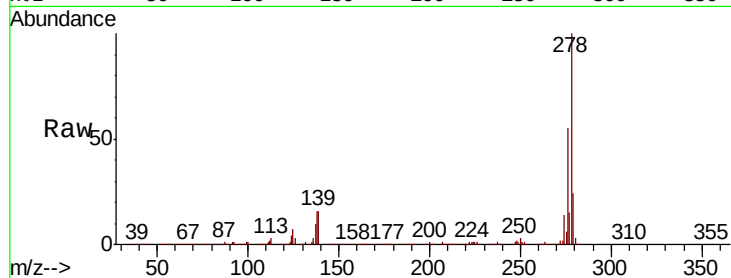
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:278 Resp: 1139800

Ion	Ratio	Lower	Upper
278	100		
139	16.0	14.3	21.5
279	24.5	19.4	29.0



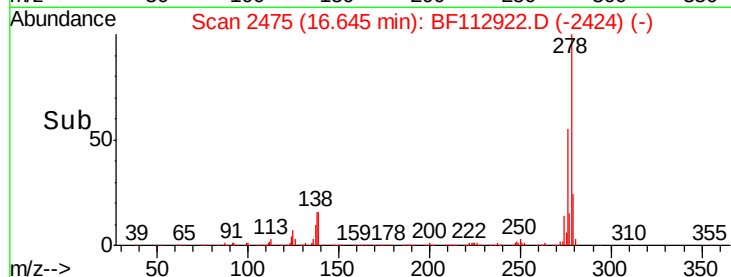
Abundance

Ion 278.00 (277.70 to 278.70): E

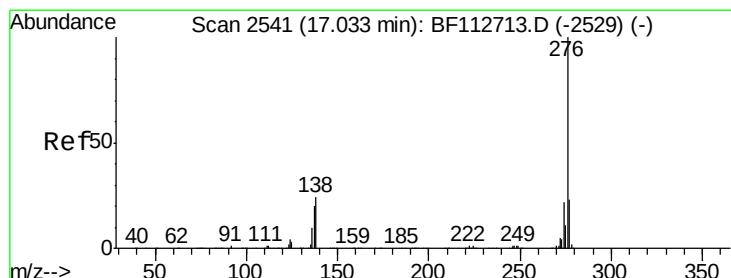
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

16.64



Time-->



#92

Benzo(g,h,i)perylene

Concen: 39.526 ng

RT: 17.04 min Scan# 2542

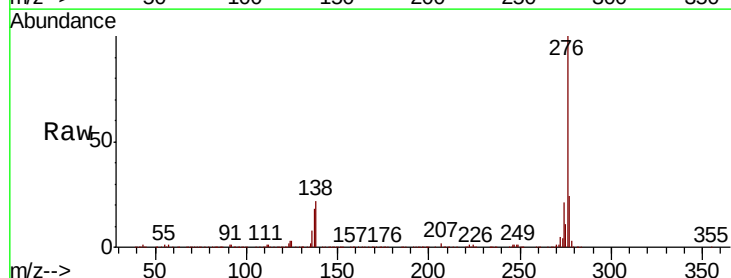
Delta R.T. 0.01 min

Lab File: BF112922.D

Acq: 7 Mar 2019 15:41

Tgt Ion:276 Resp: 1177664

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	27.8
138	21.8	19.4	29.0



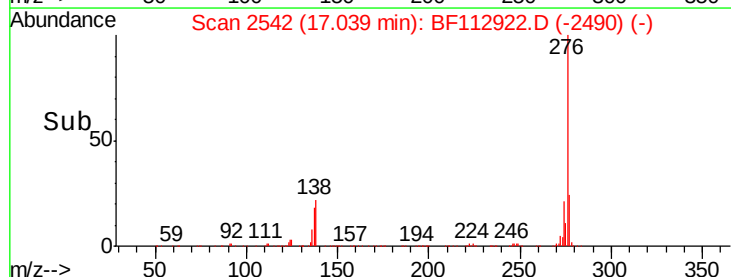
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

17.04



Time-->