

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113200.D
 Acq On : 21 Mar 2019 11:11
 Operator : JU/SJ
 Sample : PB118085BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

Quant Time: Mar 22 00:41:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	196819	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	704038	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	356886	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	724978	20.00	ng	0.00
76) Chrysene-d12	13.87	240	566524	20.00	ng	0.00
87) Perylene-d12	15.28	264	460288	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1360103	107.49	ng	0.01
7) Phenol-d6	6.38	99	1858432	116.93	ng	0.00
23) Nitrobenzene-d5	7.29	82	944402	80.27	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	518761	136.92	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1777230	81.65	ng	0.00
79) Terphenyl-d14	12.82	244	1983898	67.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	204150	32.188	ng	98
3) Pyridine	3.20	79	443402	26.131	ng	99
4) n-Nitrosodimethylamine	3.13	42	237684	32.021	ng	100
6) Aniline	6.39	93	585881	26.780	ng	# 48
8) 2-Chlorophenol	6.52	128	536802	38.112	ng	97
9) Benzaldehyde	6.27	77	286461	25.014	ng	99
10) Phenol	6.39	94	668277	36.031	ng	83
11) bis(2-Chloroethyl)ether	6.46	93	546729	38.405	ng	98
12) 1,3-Dichlorobenzene	6.67	146	525645	36.127	ng	96
13) 1,4-Dichlorobenzene	6.74	146	545135	37.360	ng	99
14) 1,2-Dichlorobenzene	6.90	146	453729	33.921	ng	98
15) Benzyl Alcohol	6.87	79	378460	31.227	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	689754	29.033	ng	76
17) 2-Methylphenol	7.00	107	377001	32.994	ng	# 89
18) Hexachloroethane	7.23	117	178580	31.950	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	318542	31.645	ng	99
20) 3+4-Methylphenols	7.15	107	466876	36.192	ng	# 78
22) Acetophenone	7.13	105	643268	39.075	ng	# 91
24) Nitrobenzene	7.31	77	493327	37.672	ng	98
25) Isophorone	7.55	82	914624	36.083	ng	98
26) 2-Nitrophenol	7.62	139	261906	48.045	ng	94
27) 2,4-Dimethylphenol	7.67	122	424344	41.842	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	570794	36.018	ng	100
29) 2,4-Dichlorophenol	7.87	162	412119	41.904	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	443389	41.958	ng	99
31) Naphthalene	8.03	128	1355251	38.773	ng	100
32) Benzoic acid	7.82	122	288924	40.647	ng	93
33) 4-Chloroaniline	8.08	127	387857	26.198	ng	99
34) Hexachlorobutadiene	8.15	225	263707	44.249	ng	99
35) Caprolactam	8.46	113	73574	21.240	ng	92
36) 4-Chloro-3-methylphenol	8.58	107	427650	39.291	ng	95
37) 2-Methylnaphthalene	8.72	142	929035	41.157	ng	99
38) 1-Methylnaphthalene	8.82	142	874288	39.984	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	427926	41.118	ng	99

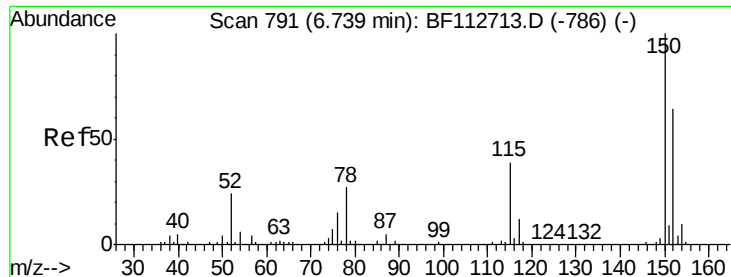
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113200.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	466613	81.877	ng	98
43) 2,4,6-Trichlorophenol	9.00	196	299936	41.876	ng	98
44) 2,4,5-Trichlorophenol	9.05	196	325937	42.101	ng	97
46) 1,1'-Biphenyl	9.19	154	1113863	38.264	ng	99
47) 2-Chloronaphthalene	9.21	162	865959	38.098	ng	98
48) 2-Nitroaniline	9.30	65	276731	40.055	ng	99
49) Acenaphthylene	9.62	152	1406123	36.440	ng	99
50) Dimethylphthalate	9.49	163	1054693	40.079	ng	99
51) 2,6-Dinitrotoluene	9.55	165	233269	42.569	ng #	79
52) Acenaphthene	9.79	154	807690	35.793	ng	99
53) 3-Nitroaniline	9.72	138	185869	27.836	ng	99
54) 2,4-Dinitrophenol	9.83	184	247563	107.989	ng	97
55) Dibenzofuran	9.97	168	1227382	37.424	ng	97
56) 4-Nitrophenol	9.90	139	350523	64.592	ng	95
57) 2,4-Dinitrotoluene	9.96	165	303451	44.549	ng	90
58) Fluorene	10.31	166	923761	39.685	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	284906	44.171	ng	94
60) Diethylphthalate	10.19	149	1045325	37.611	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	466091	43.036	ng	97
62) 4-Nitroaniline	10.33	138	257700	41.766	ng	98
63) Azobenzene	10.46	77	952949	33.475	ng	97
65) 4,6-Dinitro-2-methylphenol	10.37	198	152903	51.010	ng #	76
66) n-Nitrosodiphenylamine	10.42	169	857558	36.883	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	309738	40.562	ng	97
68) Hexachlorobenzene	10.86	284	360139	41.838	ng	94
69) Atrazine	10.95	200	265989	37.353	ng	99
70) Pentachlorophenol	11.06	266	373285	73.678	ng	99
71) Phenanthrene	11.27	178	1362107	37.762	ng	100
72) Anthracene	11.32	178	1425532	37.754	ng	100
73) Carbazole	11.47	167	1325391	35.983	ng	100
74) Di-n-butylphthalate	11.80	149	1659863	37.583	ng	100
75) Fluoranthene	12.45	202	1528744	39.558	ng	96
77) Benzidine	12.57	184	618293	21.036	ng	99
78) Pyrene	12.67	202	1537595	32.195	ng	100
80) Butylbenzylphthalate	13.29	149	720766	34.190	ng	97
81) Benzo(a)anthracene	13.86	228	1251227	31.867	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	433586	29.198	ng	100
83) Chrysene	13.90	228	1284149	33.389	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	926472	37.468	ng	100
85) Di-n-octyl phthalate	14.46	149	1642038	38.673	ng	97
86) Indeno(1,2,3-cd)pyrene	16.65	276	1071680	32.685	ng #	94
88) Benzo(b)fluoranthene	14.89	252	1287266	43.236	ng #	97
89) Benzo(k)fluoranthene	14.91	252	1072767	39.779	ng	98
90) Benzo(a)pyrene	15.23	252	1095581	41.603	ng #	97
91) Dibenzo(a,h)anthracene	16.67	278	894673	39.813	ng #	95
92) Benzo(g,h,i)perylene	17.06	276	879871	38.993	ng #	94

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

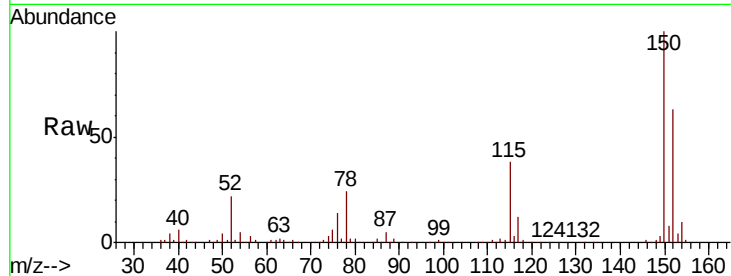


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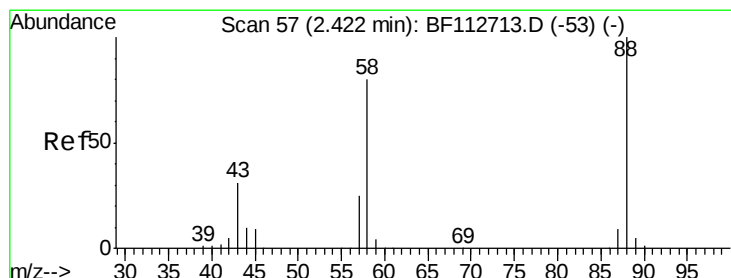
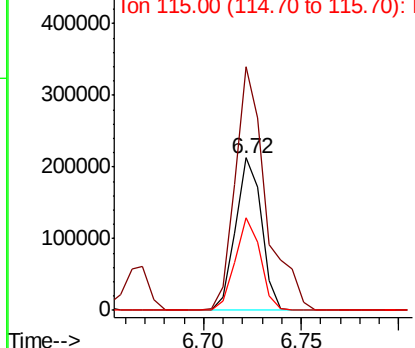
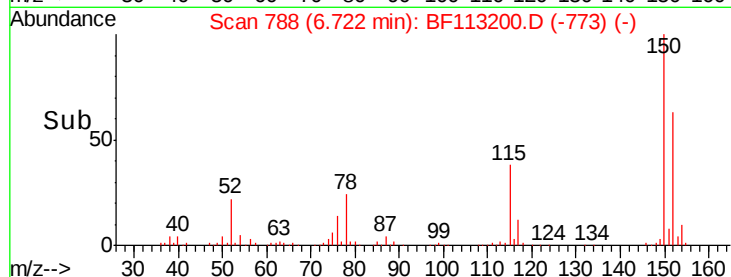
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

Tgt Ion: 152 Resp: 196819
 Ion Ratio Lower Upper
 152 100
 150 159.8 124.2 186.2
 115 60.6 48.2 72.4



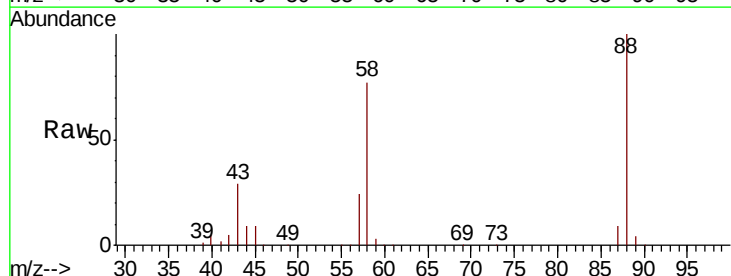
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



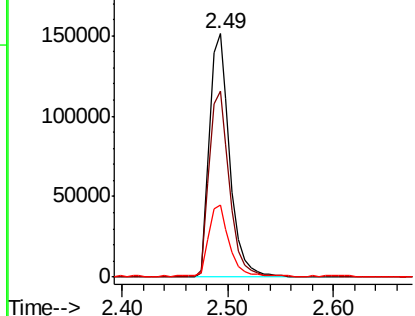
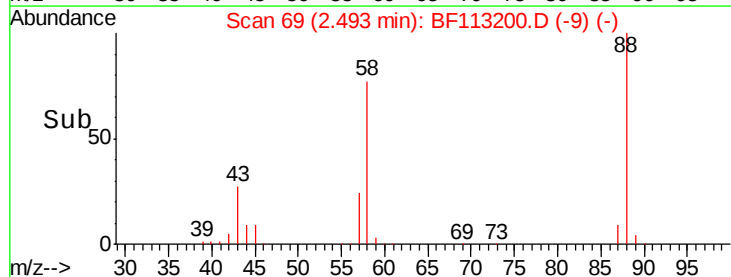
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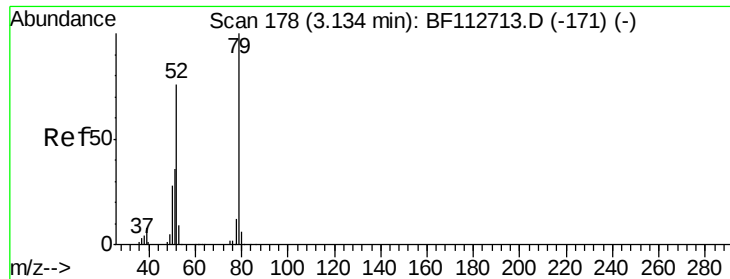
1,4-Dioxane
 Concen: 32.188 ng
 RT: 2.49 min Scan# 69
 Delta R.T. 0.05 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion: 88 Resp: 204150
 Ion Ratio Lower Upper
 88 100
 58 77.3 63.1 94.7
 43 29.4 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: 26.131 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.06 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

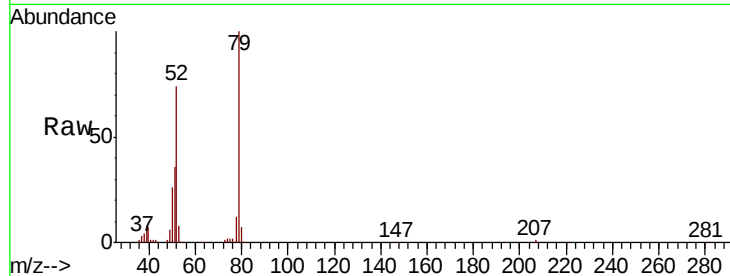
Tgt Ion: 79 Resp: 443402

Ion Ratio Lower Upper

79 100

52 74.2 60.5 90.7

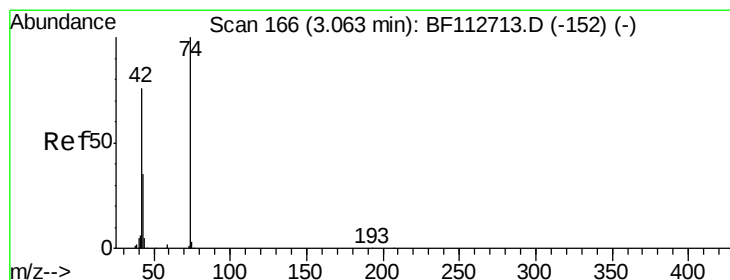
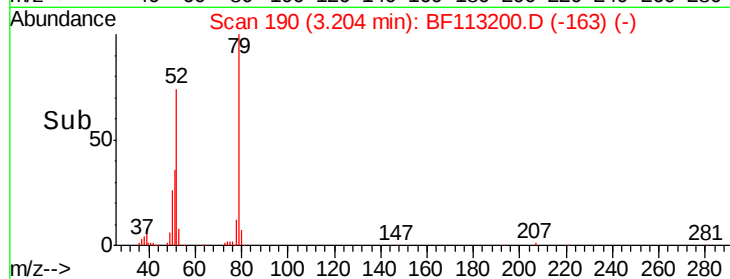
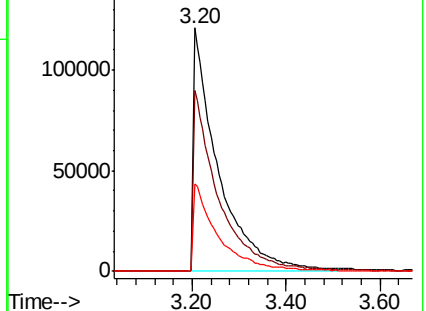
51 36.1 28.8 43.2



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: 32.021 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.05 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

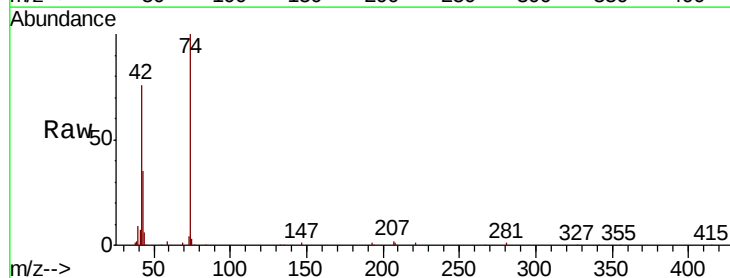
Tgt Ion: 42 Resp: 237684

Ion Ratio Lower Upper

42 100

74 132.3 105.8 158.8

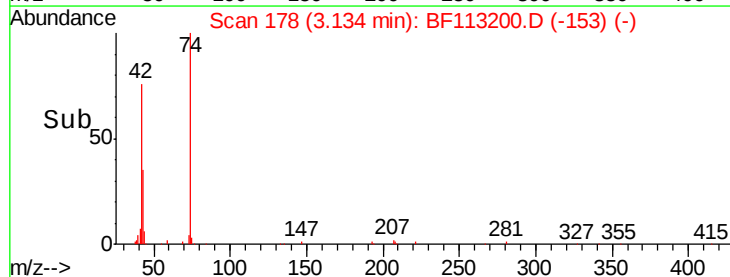
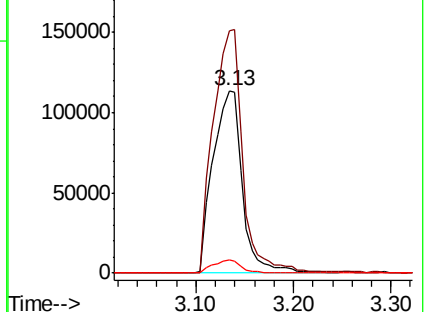
44 7.4 6.2 9.2

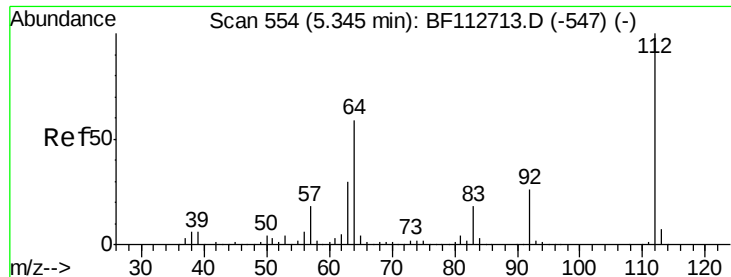


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 107.495 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

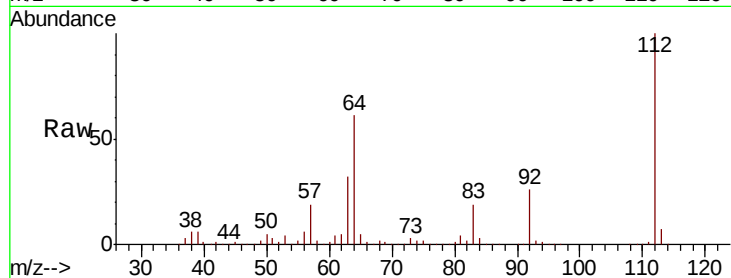
Tgt Ion: 112 Resp: 1360103

Ion Ratio Lower Upper

112 100

64 61.3 47.6 71.4

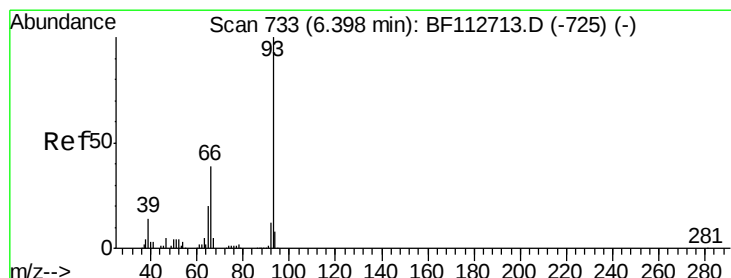
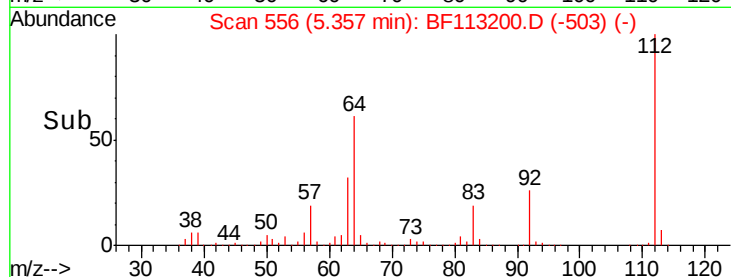
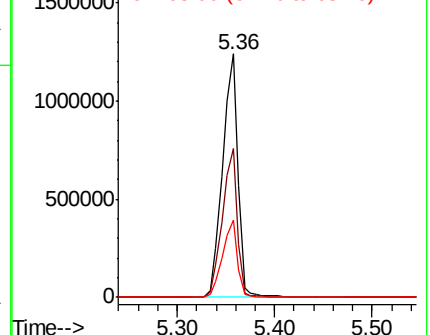
63 31.7 24.4 36.6



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: 26.780 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

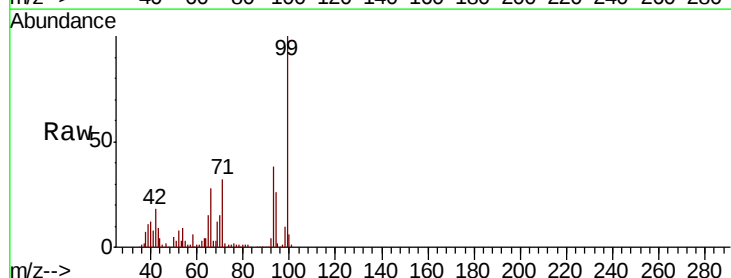
Tgt Ion: 93 Resp: 585881

Ion Ratio Lower Upper

93 100

66 75.8 32.2 48.2#

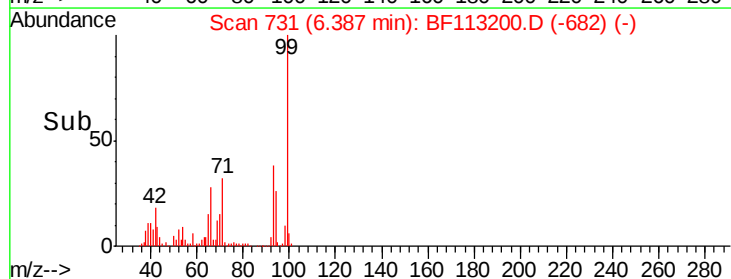
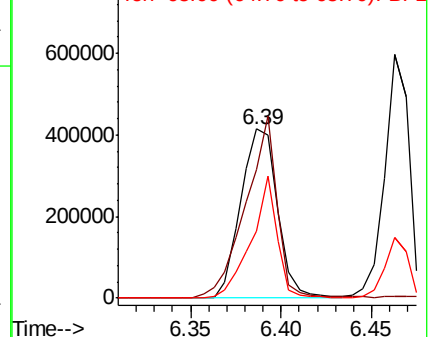
65 39.8 16.2 24.4#

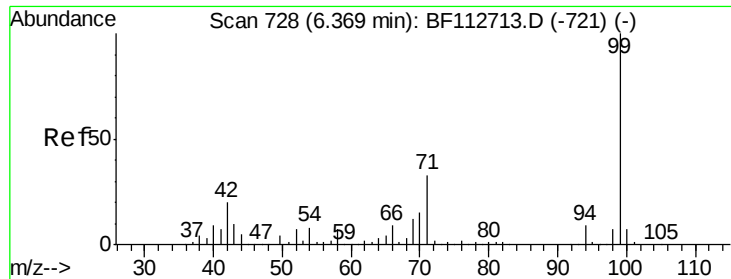


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.927 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

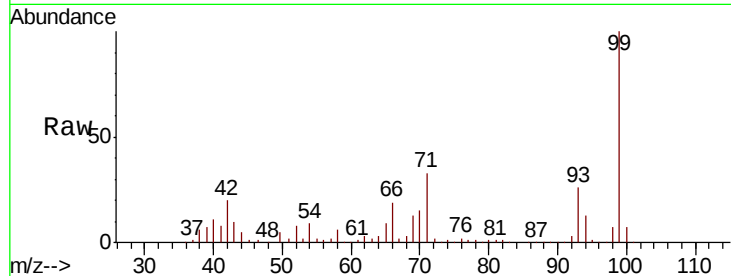
Tgt Ion: 99 Resp: 1858432

Ion Ratio Lower Upper

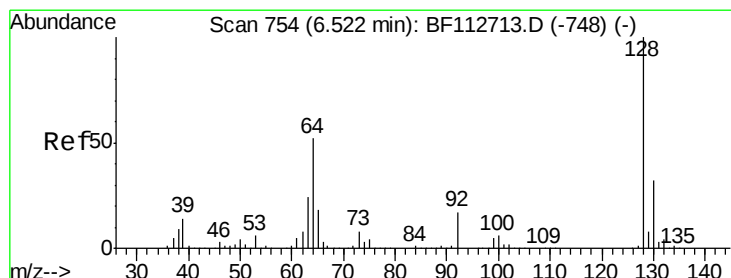
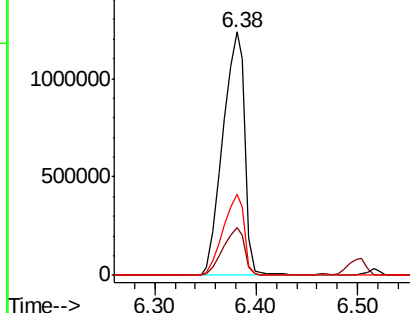
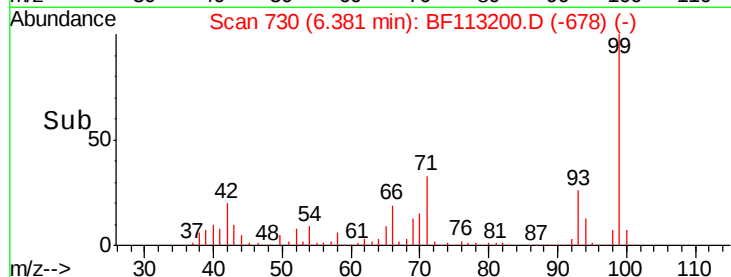
99 100

42 19.8 16.3 24.5

71 33.1 26.2 39.4



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



#8

2-Chlorophenol

Concen: 38.112 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

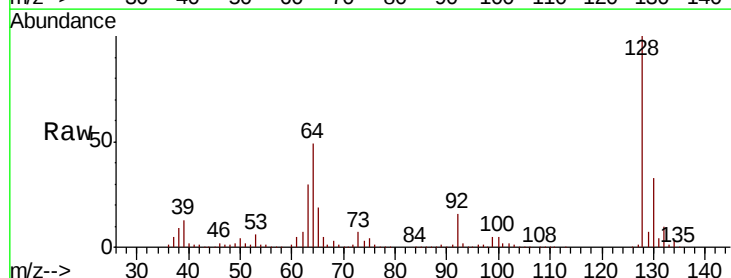
Tgt Ion: 128 Resp: 536802

Ion Ratio Lower Upper

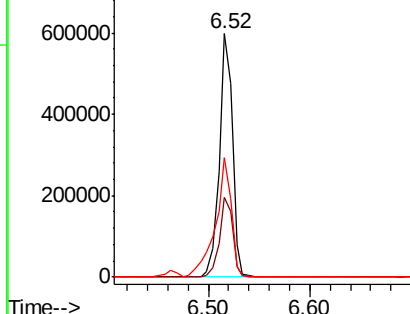
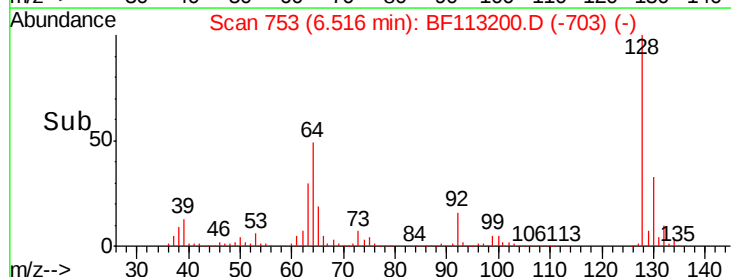
128 100

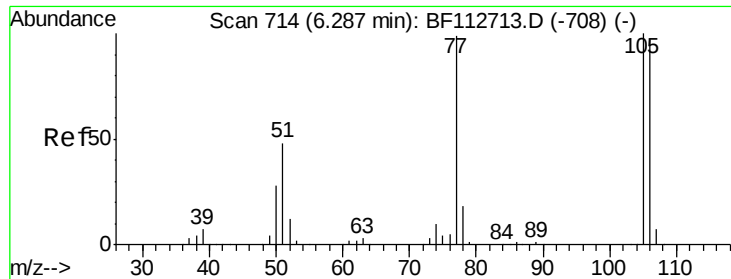
130 32.6 12.4 52.4

64 49.3 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: 25.014 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

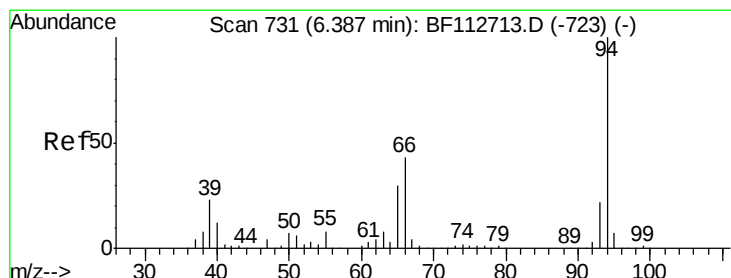
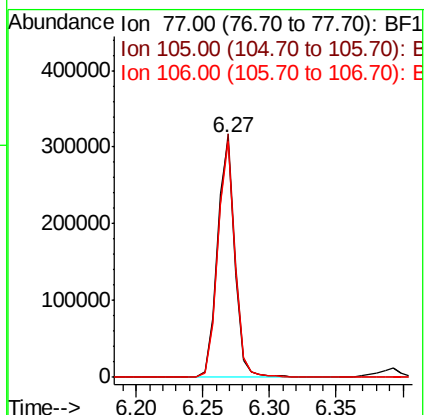
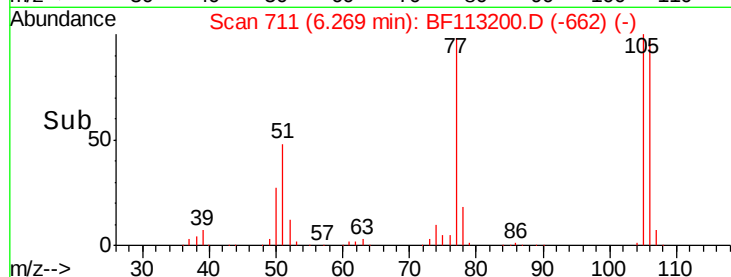
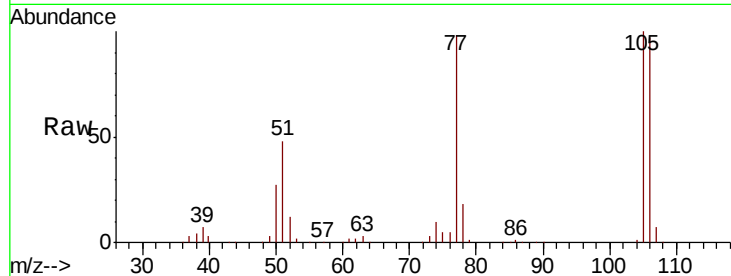
Tgt Ion: 77 Resp: 286461

Ion Ratio Lower Upper

77 100

105 101.9 81.4 121.4

106 98.9 78.3 118.3



#10

Phenol

Concen: 36.031 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

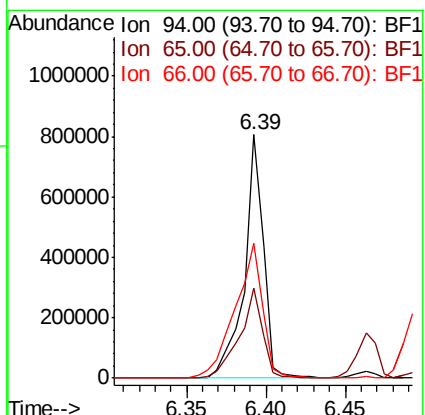
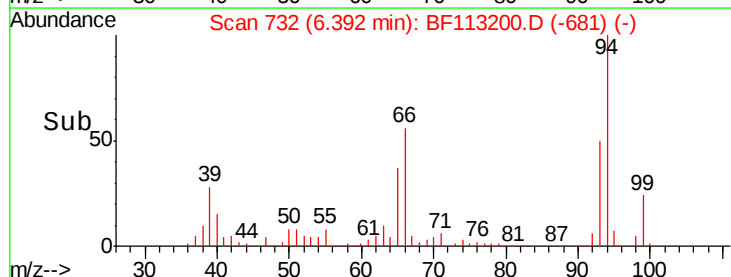
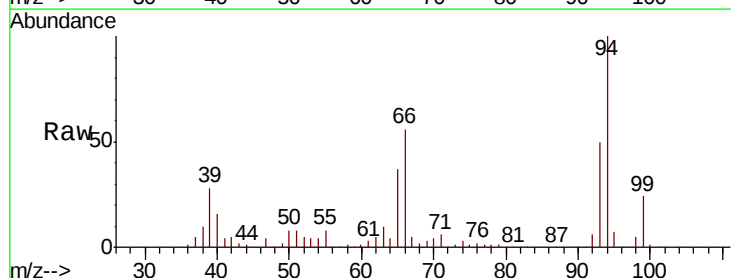
Tgt Ion: 94 Resp: 668277

Ion Ratio Lower Upper

94 100

65 37.0 10.5 50.5

66 55.5 22.6 62.6

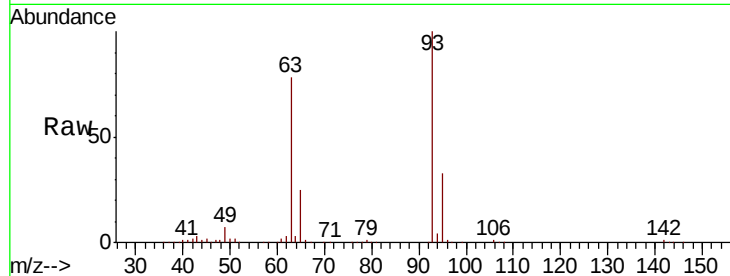




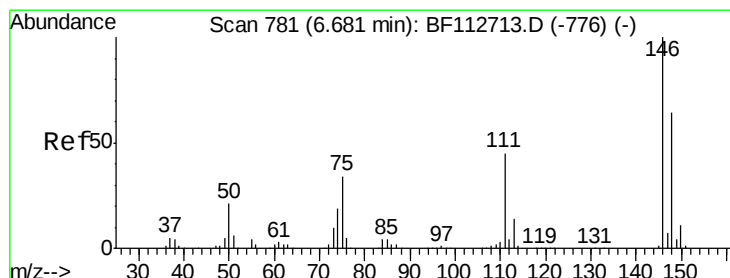
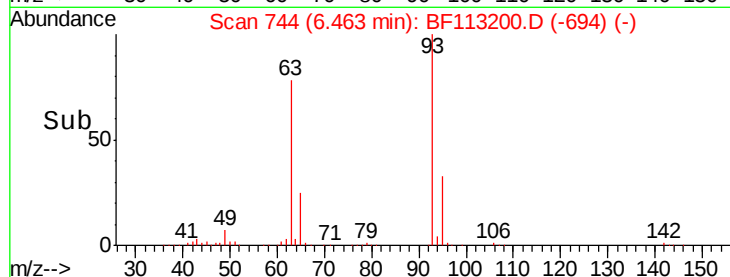
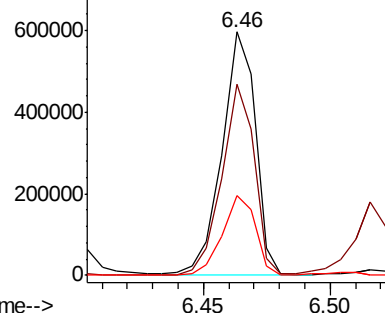
#11
bis(2-Chloroethyl)ether
Concen: 38.405 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion: 93 Resp: 546729
Ion Ratio Lower Upper
93 100
63 78.4 60.5 100.5
95 33.0 12.1 52.1

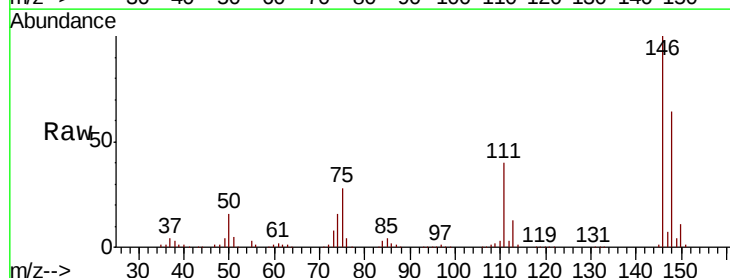


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

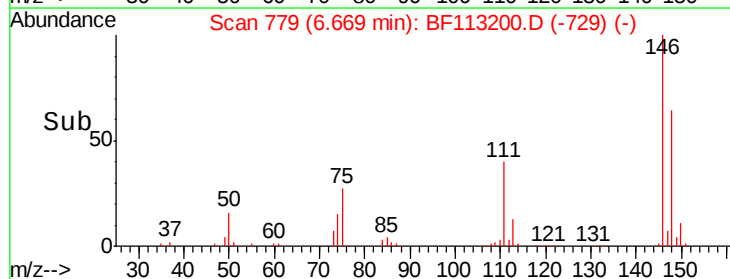
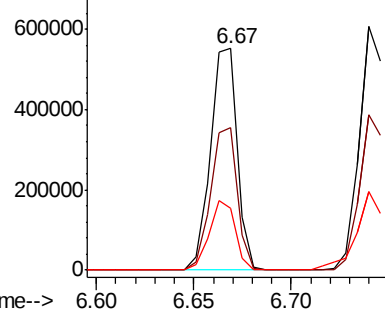


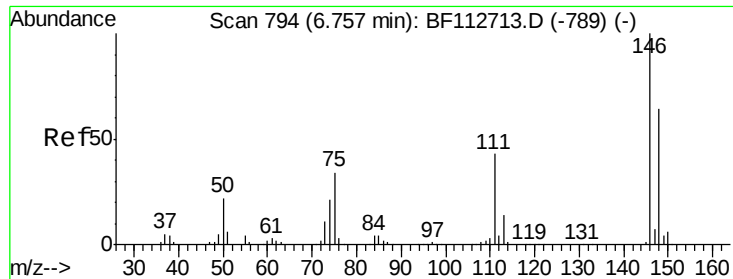
#12
1,3-Dichlorobenzene
Concen: 36.127 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion: 146 Resp: 525645
Ion Ratio Lower Upper
146 100
148 64.5 50.9 76.3
75 27.8 26.9 40.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

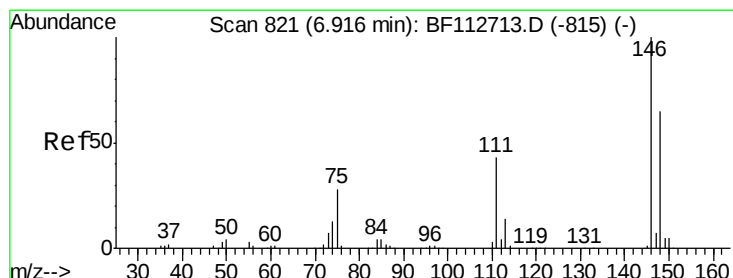
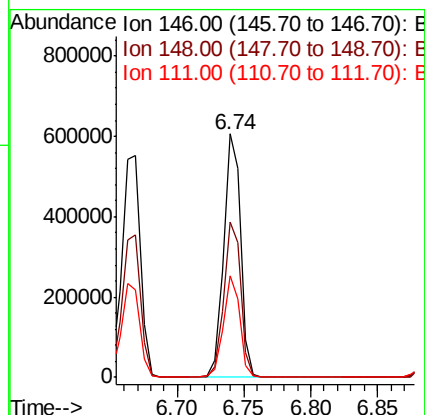
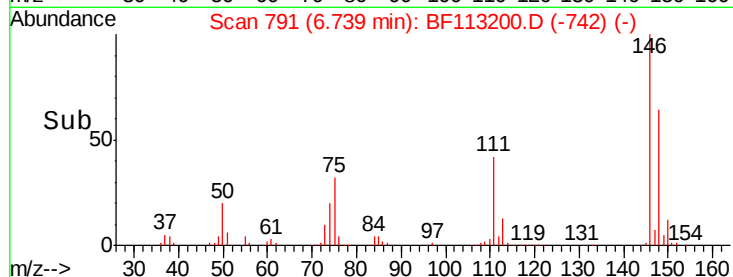
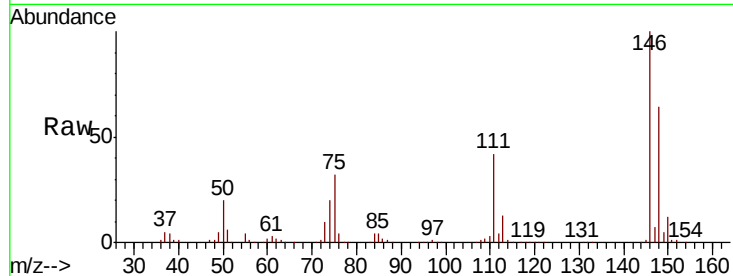




#13
 1,4-Dichlorobenzene
 Concen: 37.360 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

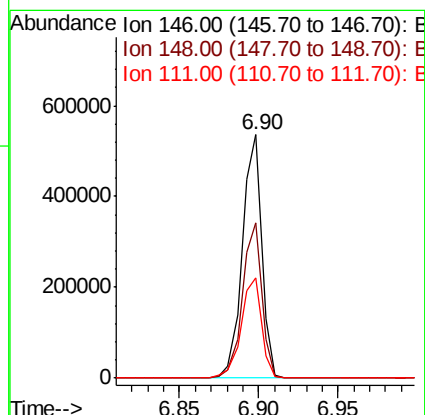
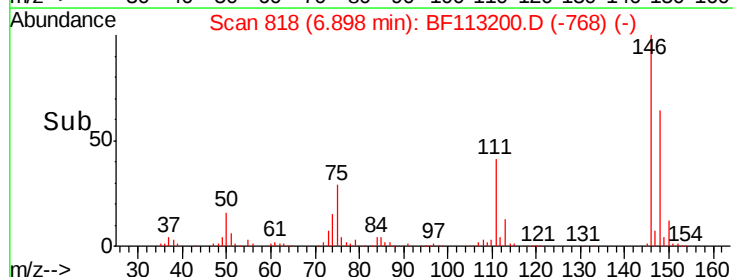
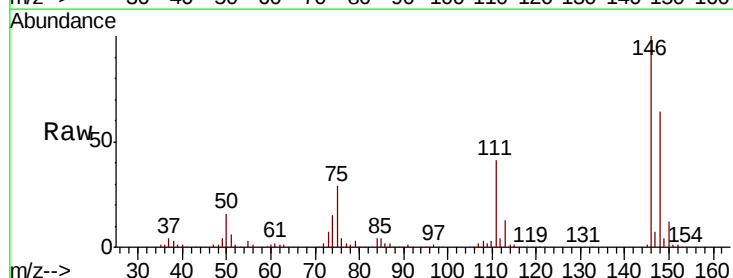
Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

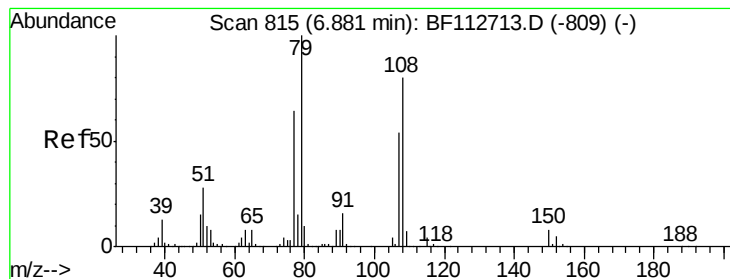
Tgt Ion:146 Resp: 545135
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.0 76.4
 111 41.7 34.5 51.7



#14
 1,2-Dichlorobenzene
 Concen: 33.921 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion:146 Resp: 453729
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.0 78.0
 111 41.3 34.8 52.2





#15

Benzyl Alcohol

Concen: 31.227 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

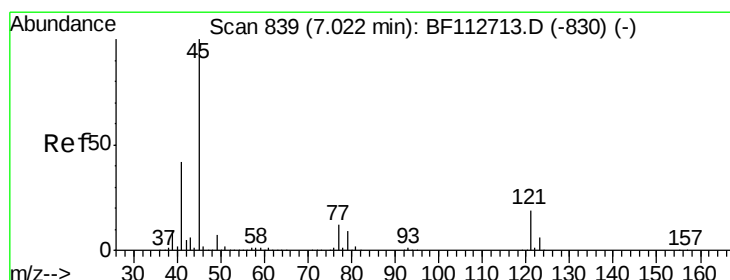
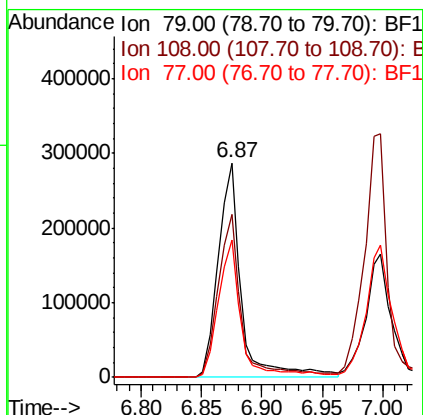
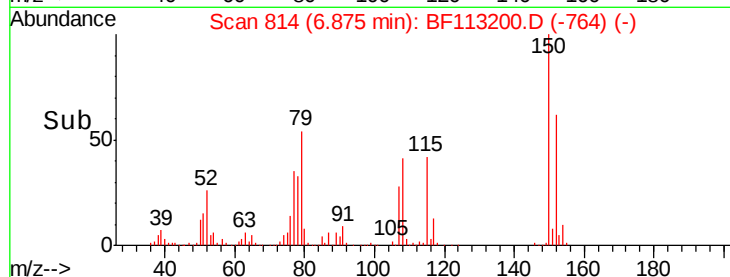
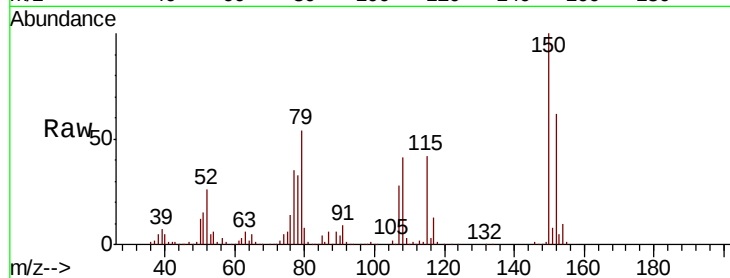
Tgt Ion: 79 Resp: 378460

Ion Ratio Lower Upper

79 100

108 76.3 64.2 96.4

77 64.3 51.1 76.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.033 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

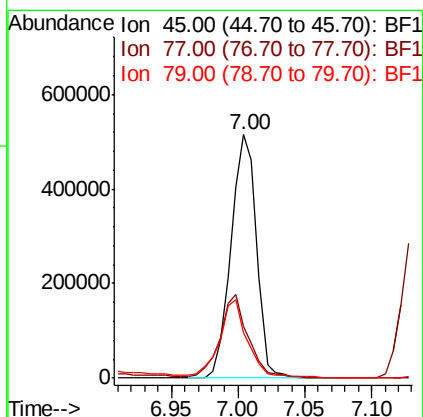
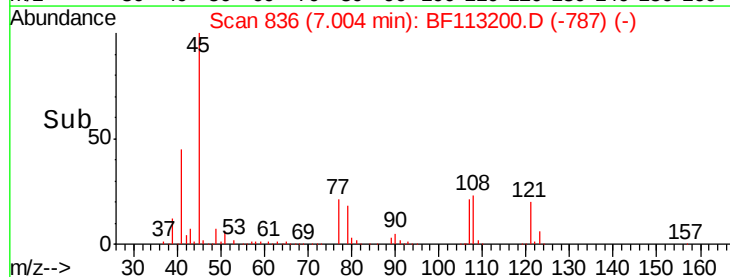
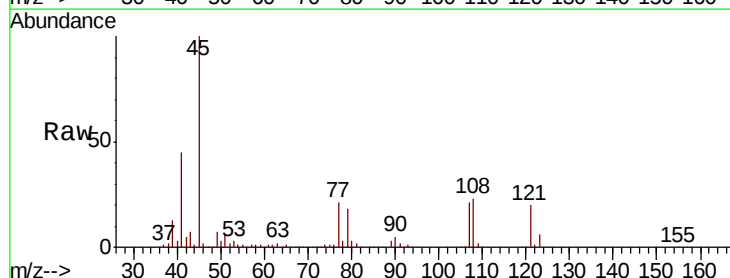
Tgt Ion: 45 Resp: 689754

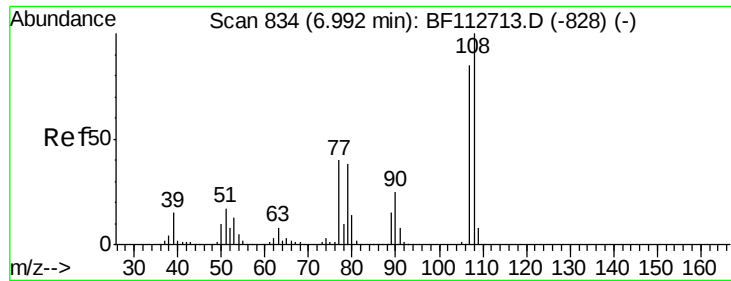
Ion Ratio Lower Upper

45 100

77 21.4 0.0 32.1

79 18.4 0.0 29.4

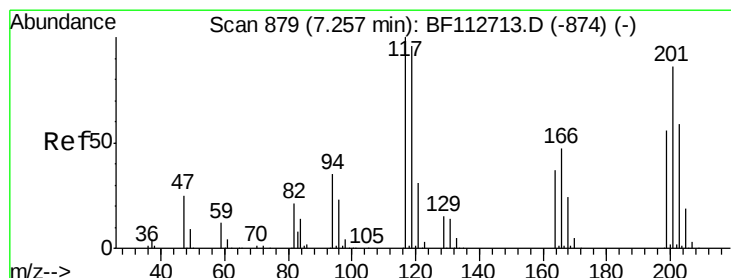
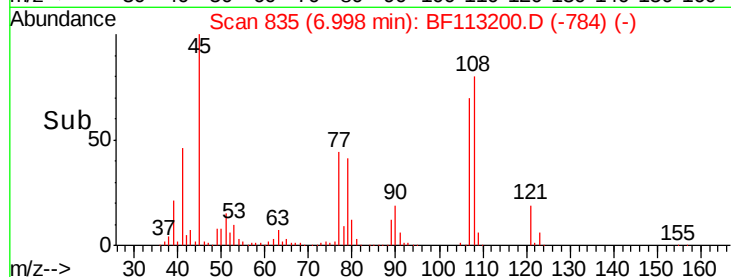
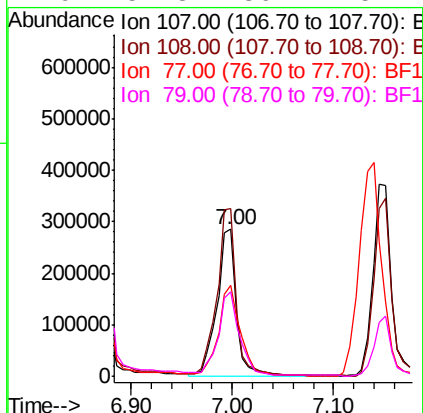
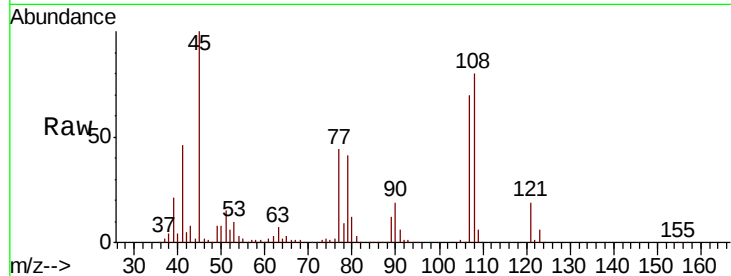




#17
2-Methylphenol
Concen: 32.994 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

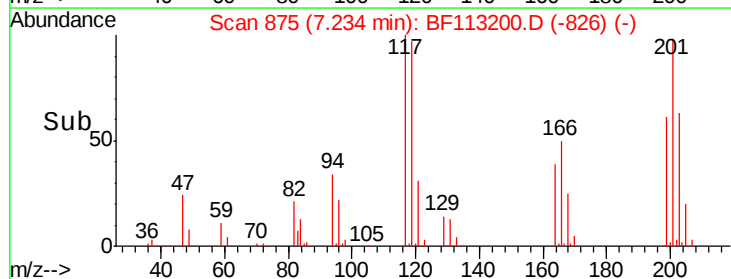
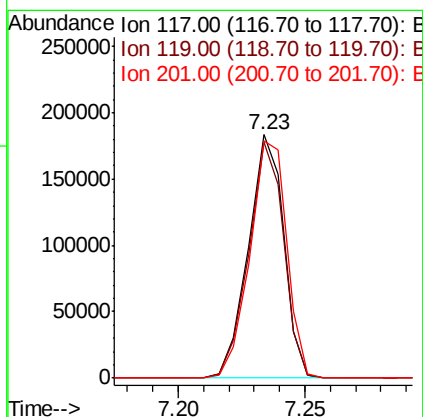
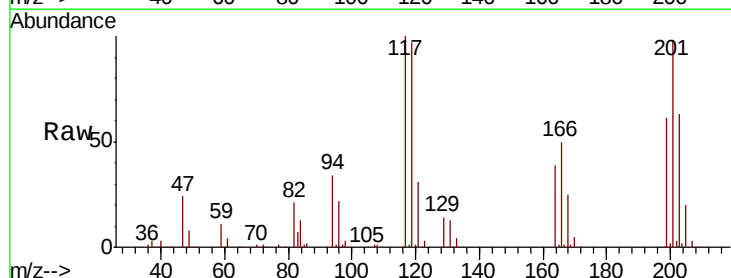
Instrument :
BNA_F
ClientSampleId :
PB118085BS

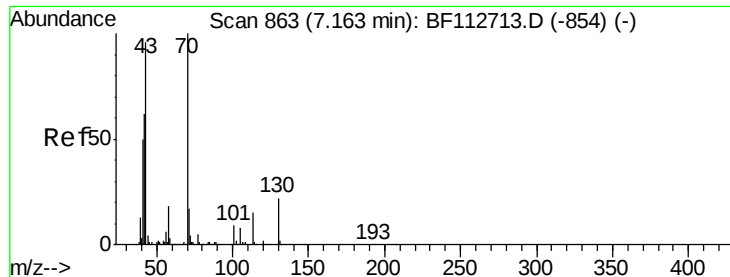
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.3	94.6	142.0
77	62.0	37.8	56.8#
79	57.8	36.2	54.2#



#18
Hexachloroethane
Concen: 31.950 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.6	115.0
201	97.6	68.9	103.3

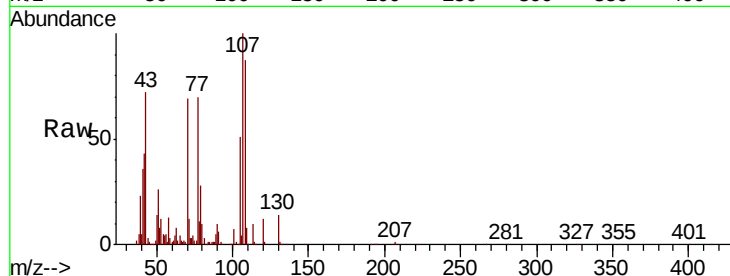




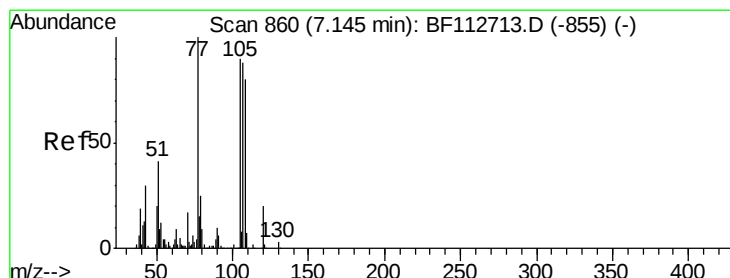
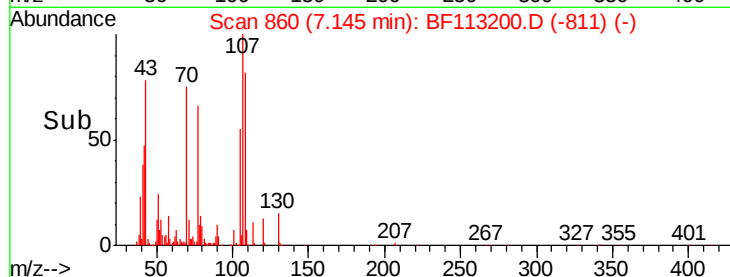
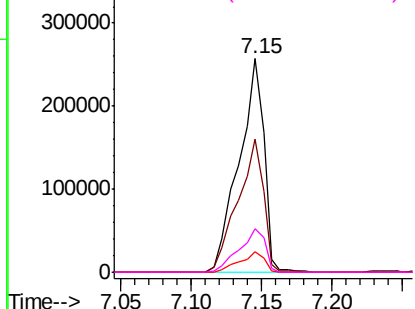
#19
n-Nitroso-di-n-propylamine
Concen: 31.645 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion: 70 Resp: 318542
Ion Ratio Lower Upper
70 100
42 62.4 49.9 74.9
101 9.6 7.4 11.2
130 20.7 17.4 26.2

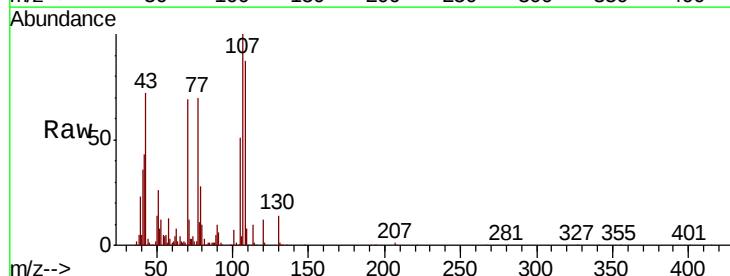


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

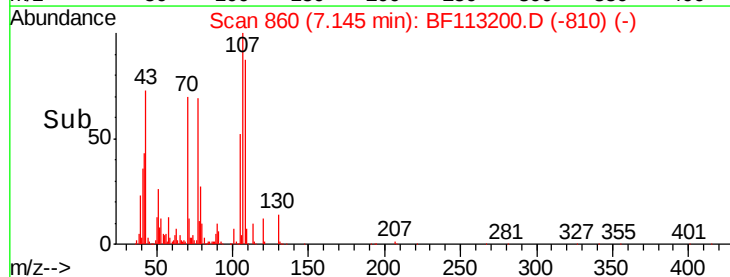
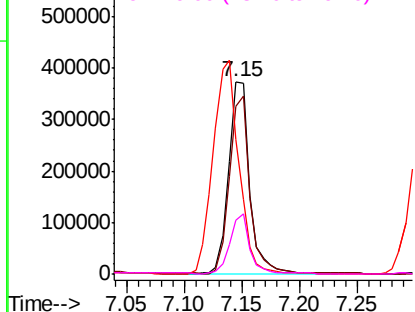


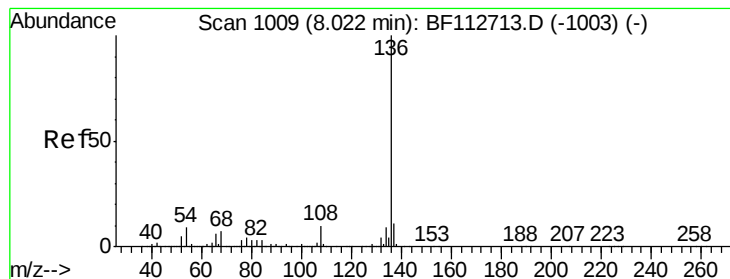
#20
3+4-Methylphenols
Concen: 36.192 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion: 107 Resp: 466876
Ion Ratio Lower Upper
107 100
108 87.4 71.4 111.4
77 70.1 94.1 134.1#
79 28.2 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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

Tgt Ion:136 Resp: 704038

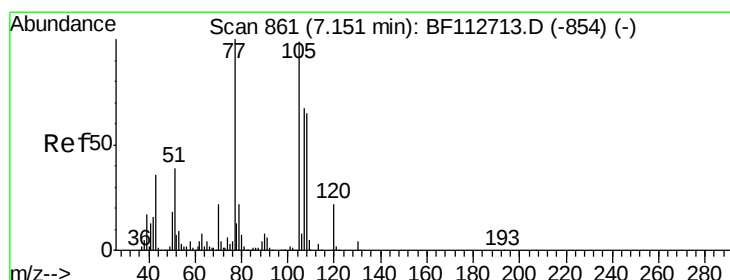
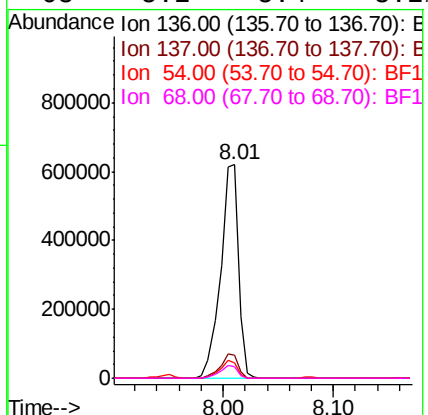
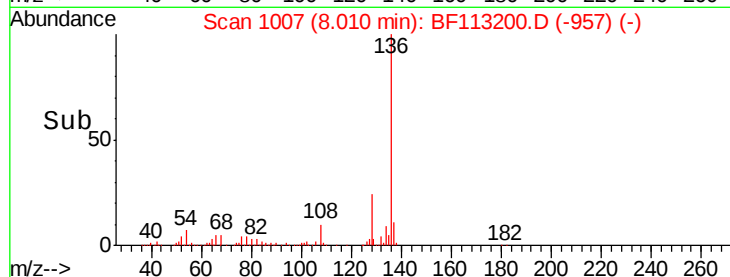
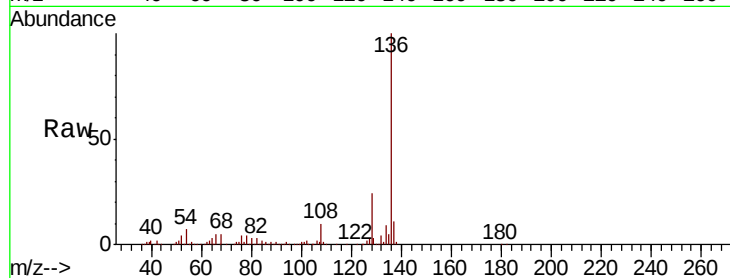
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 7.3 10.9#

68 5.2 5.4 8.2#



#22

Acetophenone

Concen: 39.075 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Tgt Ion:105 Resp: 643268

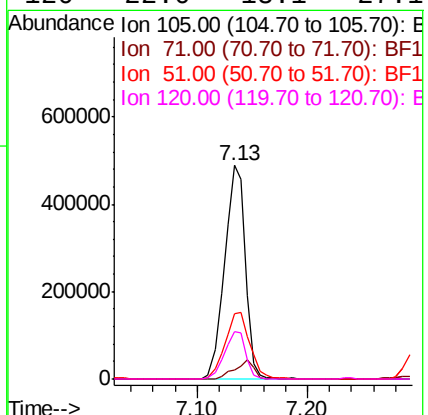
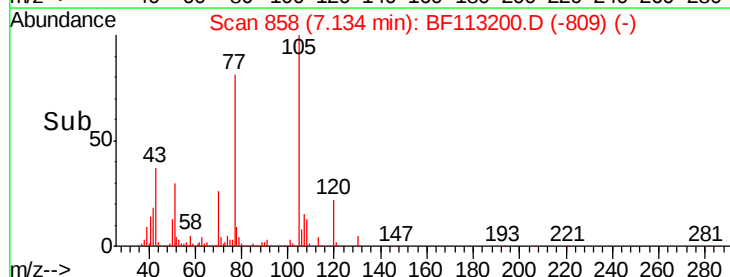
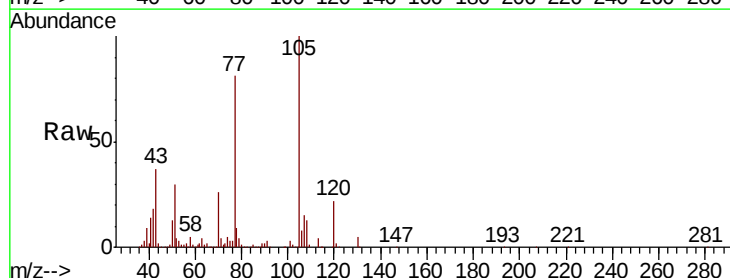
Ion Ratio Lower Upper

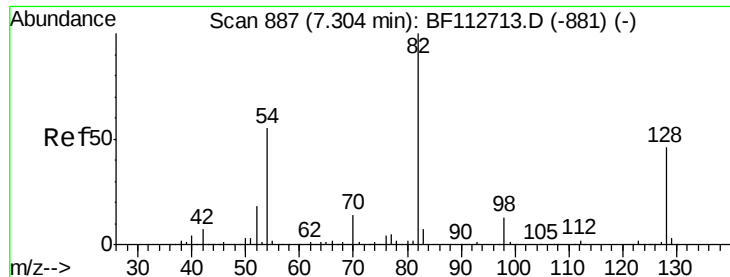
105 100

71 4.4 3.0 4.4

51 30.4 31.5 47.3#

120 22.0 18.1 27.1

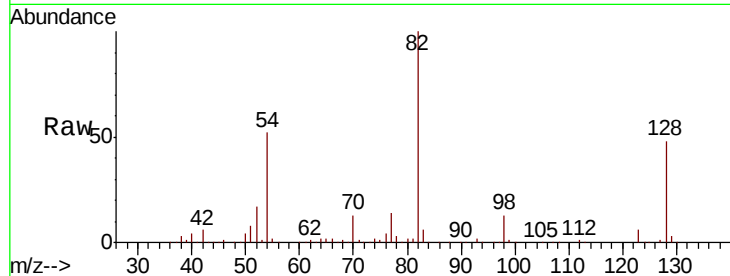




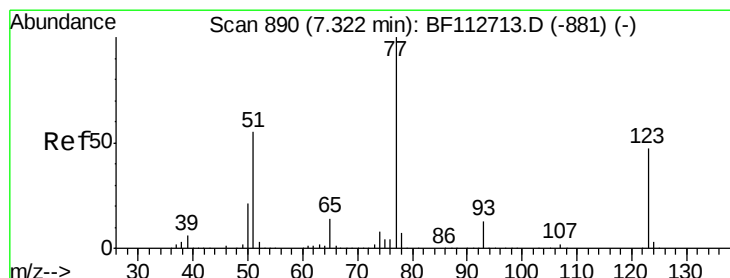
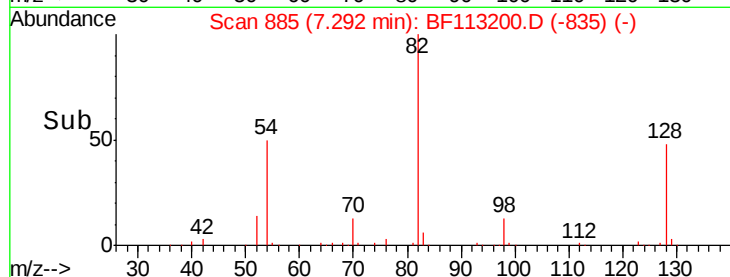
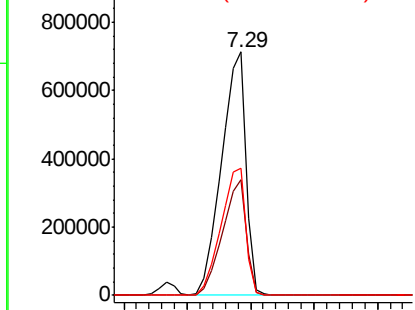
#23
 Nitrobenzene-d5
 Concen: 80.267 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

Tgt Ion: 82 Resp: 944402
 Ion Ratio Lower Upper
 82 100
 128 47.6 36.3 54.5
 54 52.2 43.7 65.5

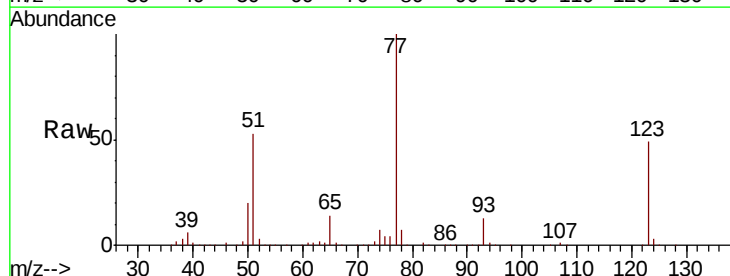


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

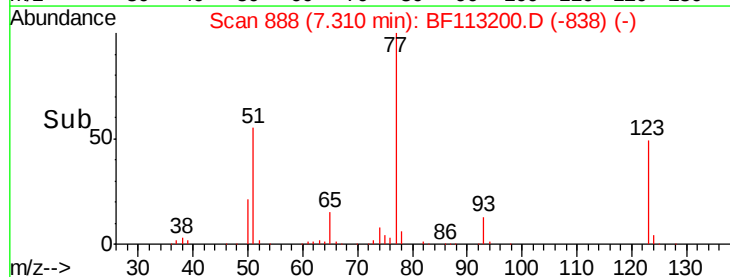
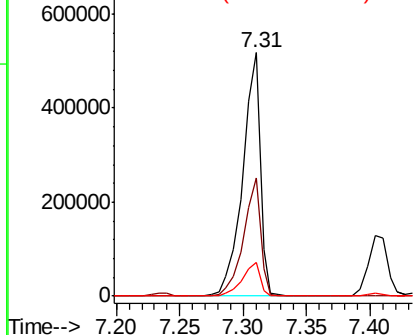


#24
 Nitrobenzene
 Concen: 37.672 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion: 77 Resp: 493327
 Ion Ratio Lower Upper
 77 100
 123 48.7 37.8 56.6
 65 14.0 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

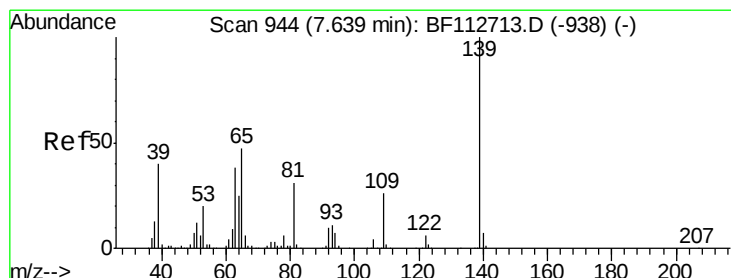
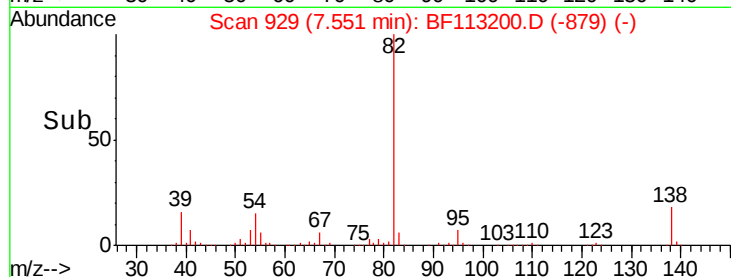
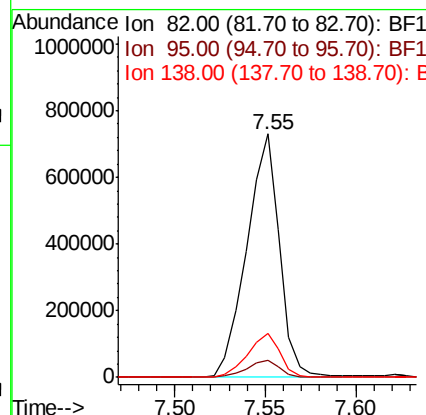
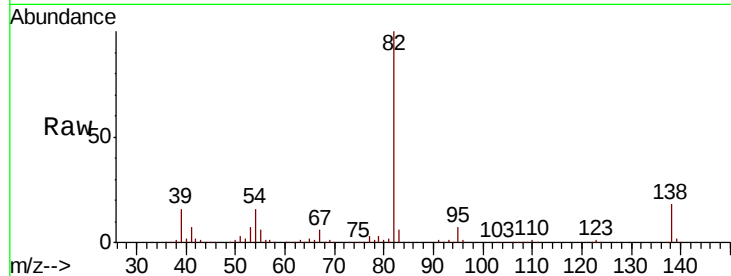




#25
Isophorone
Concen: 36.083 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

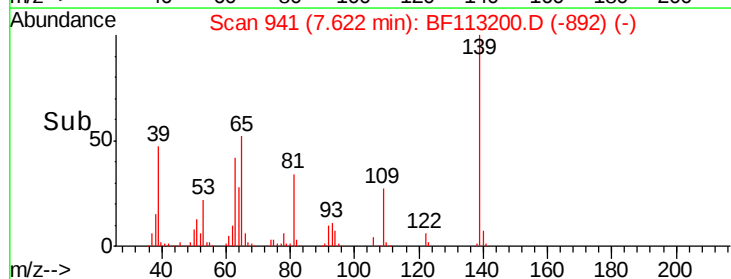
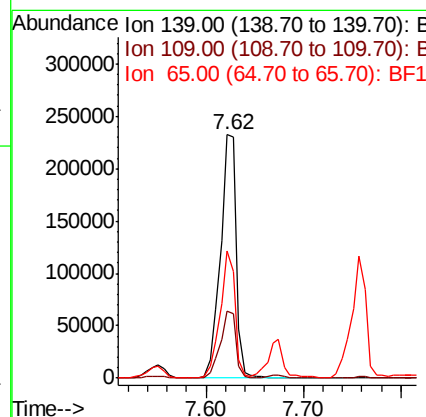
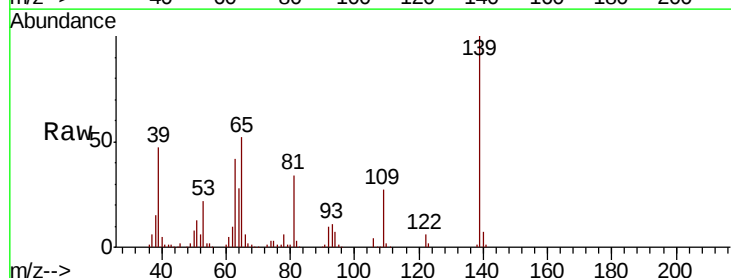
Instrument :
BNA_F
ClientSampleId :
PB118085BS

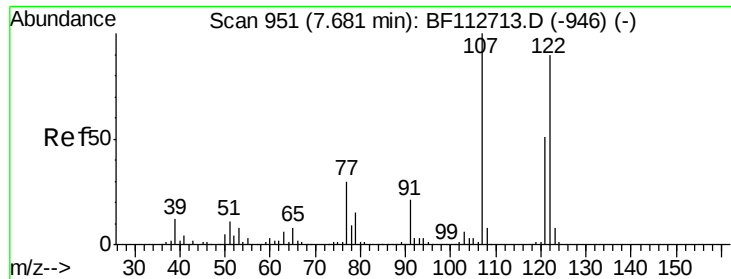
Tgt Ion: 82 Resp: 914624
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 18.1 13.8 20.8



#26
2-Nitrophenol
Concen: 48.045 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion: 139 Resp: 261906
Ion Ratio Lower Upper
139 100
109 27.4 20.6 31.0
65 52.0 37.9 56.9

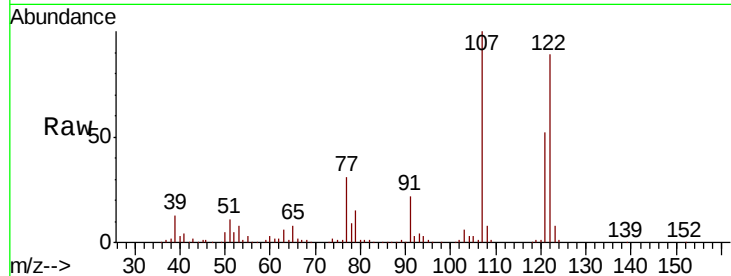




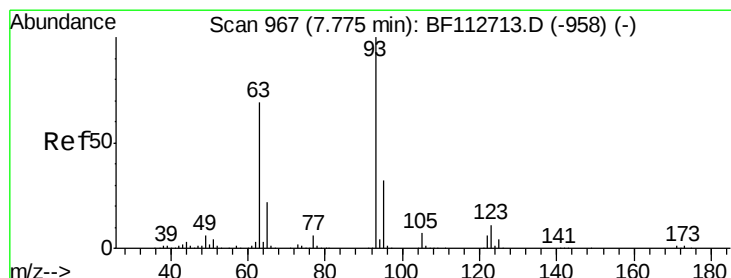
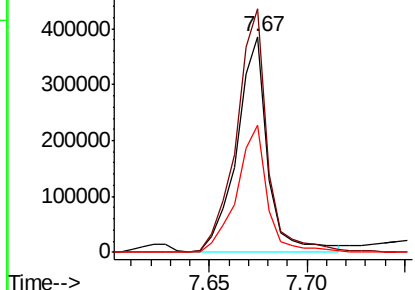
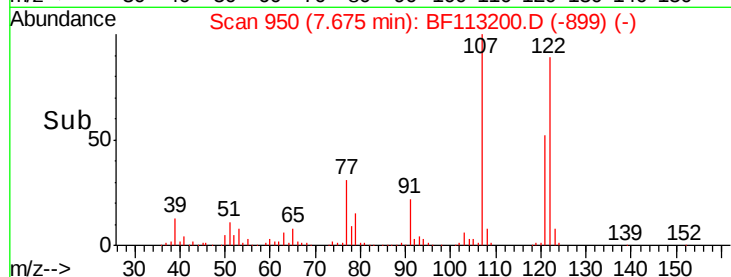
#27
 2,4-Dimethylphenol
 Concen: 41.842 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

Tgt Ion:122 Resp: 424344
 Ion Ratio Lower Upper
 122 100
 107 112.8 89.4 134.0
 121 59.0 45.5 68.3

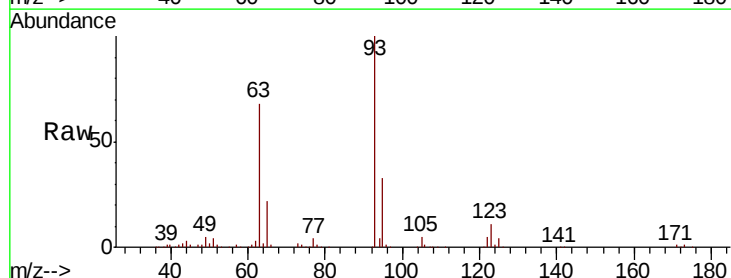


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

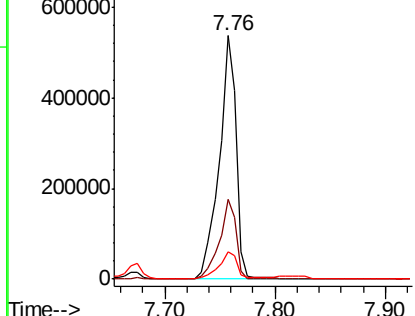
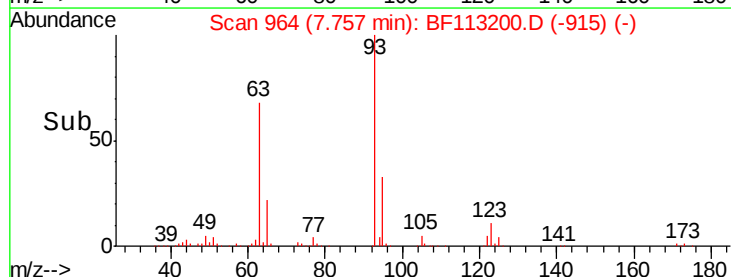


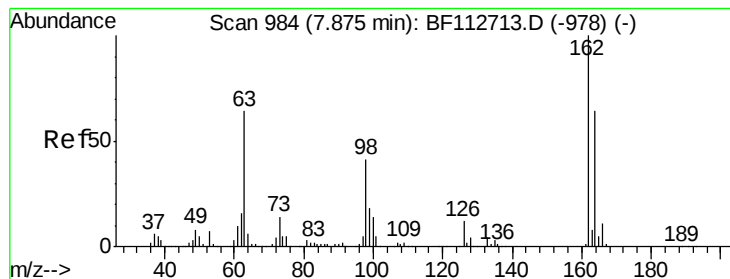
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.018 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion: 93 Resp: 570794
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.0 39.0
 123 11.4 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: 41.904 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

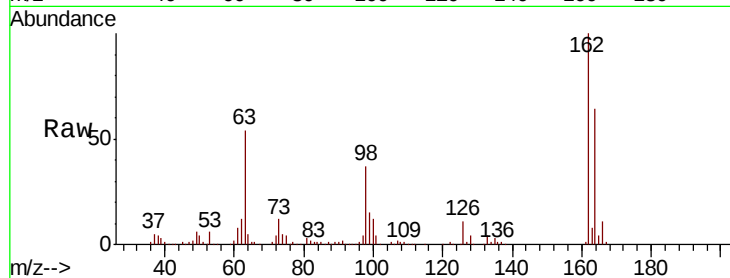
Tgt Ion:162 Resp: 412119

Ion Ratio Lower Upper

162 100

164 63.9 44.0 84.0

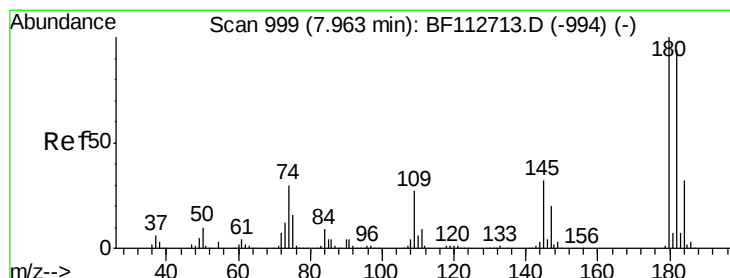
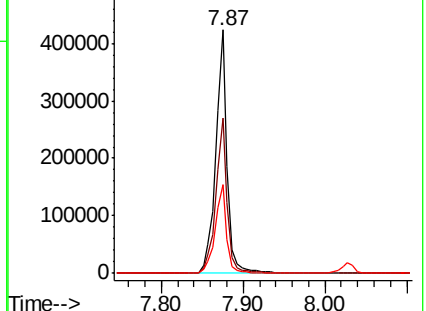
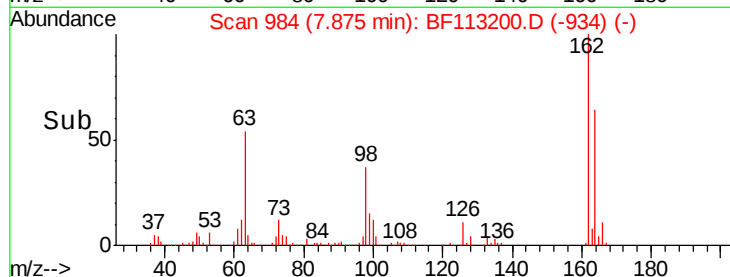
98 36.6 20.7 60.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.958 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

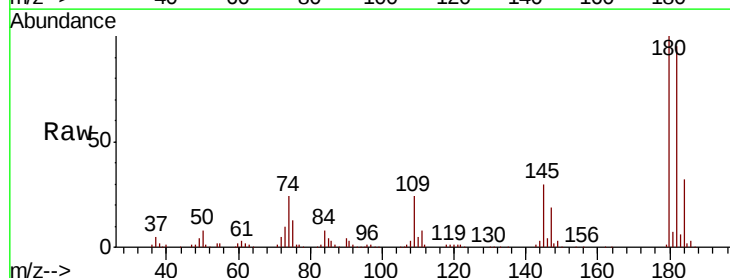
Tgt Ion:180 Resp: 443389

Ion Ratio Lower Upper

180 100

182 94.6 75.2 112.8

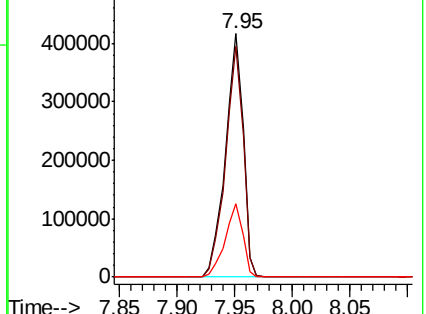
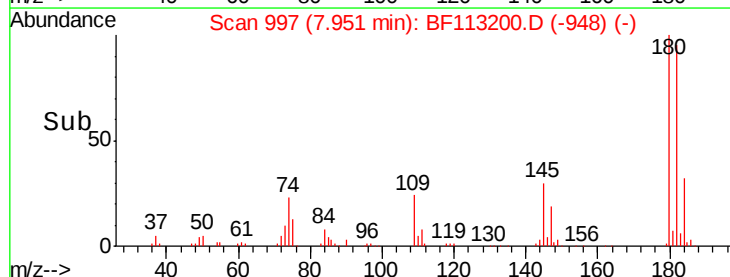
145 29.9 25.4 38.0

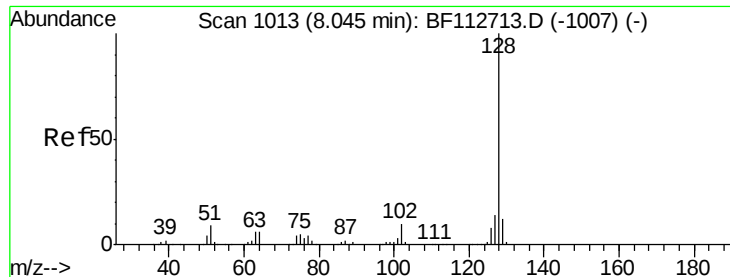


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

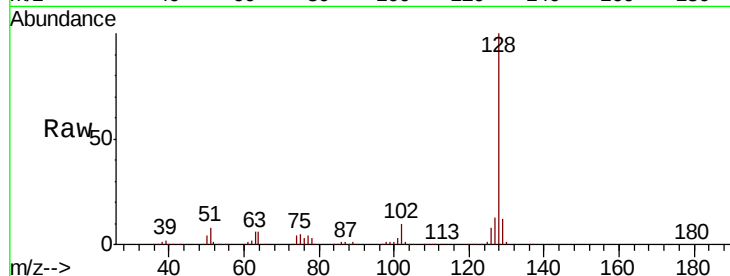




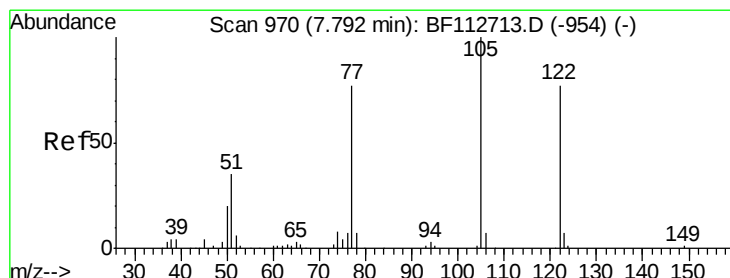
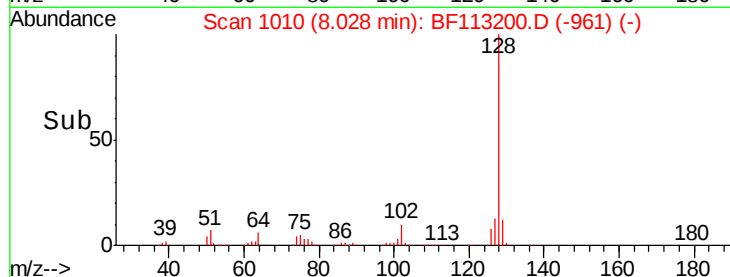
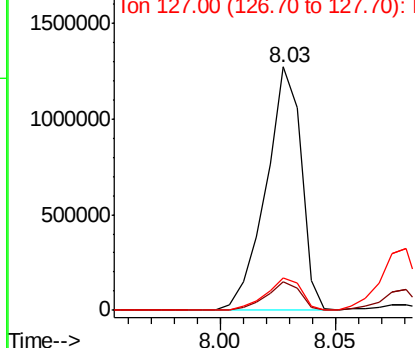
#31
Naphthalene
Concen: 38.773 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion:128 Resp: 1355251
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.4 10.9 16.3

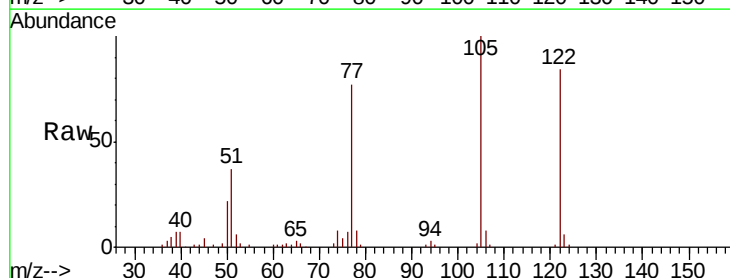


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

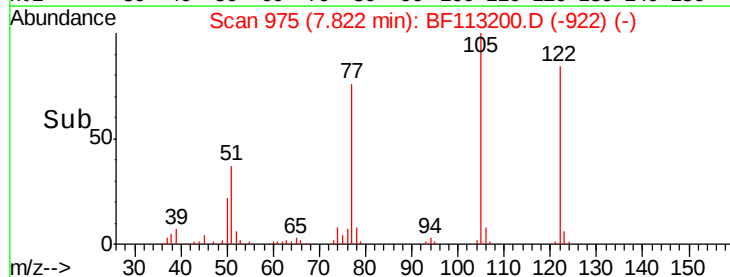
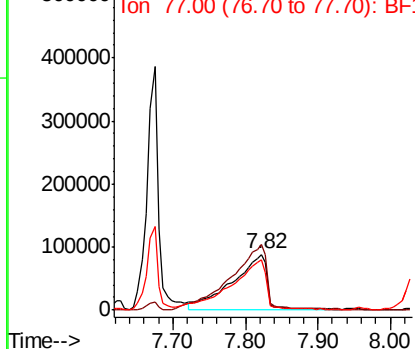


#32
Benzoic acid
Concen: 40.647 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion:122 Resp: 288924
Ion Ratio Lower Upper
122 100
105 119.3 106.8 146.8
77 91.5 79.4 119.4



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

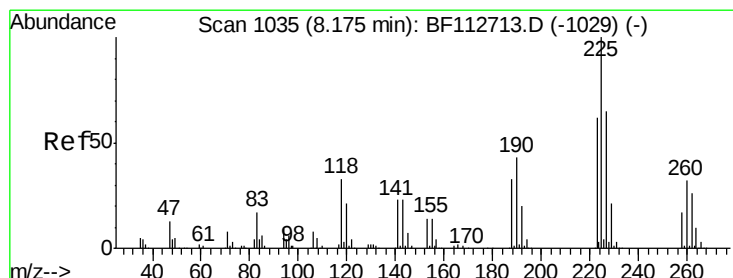
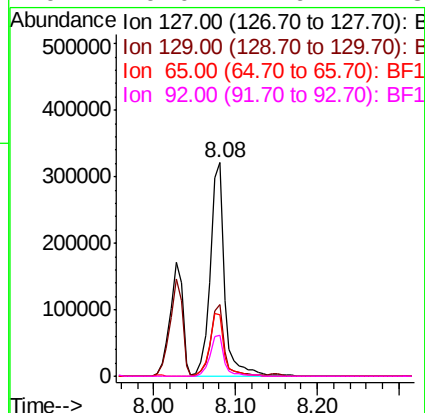
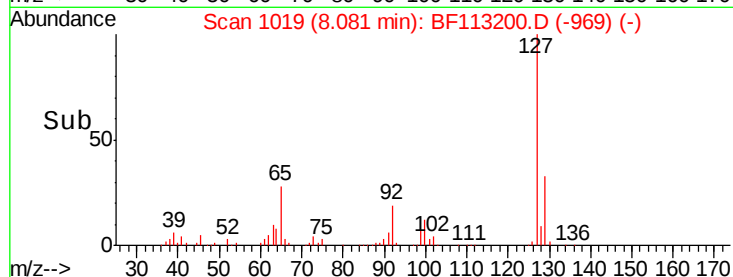
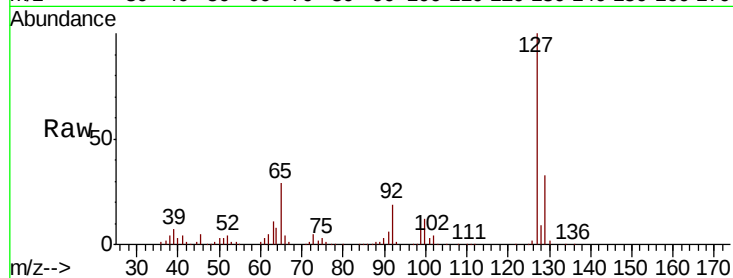




#33
4-Chloroaniline
Concen: 26.198 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

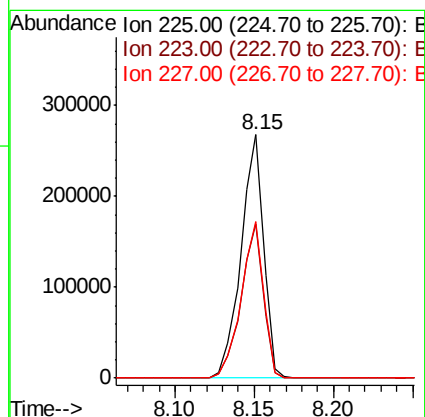
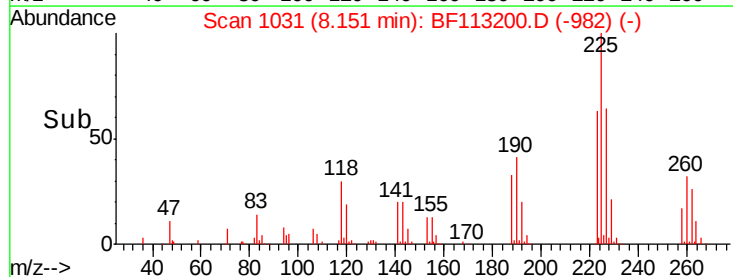
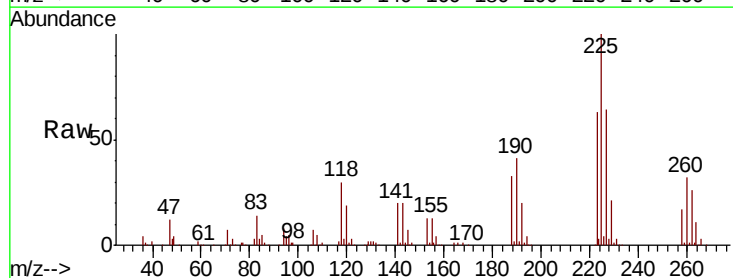
Instrument :
BNA_F
ClientSampleId :
PB118085BS

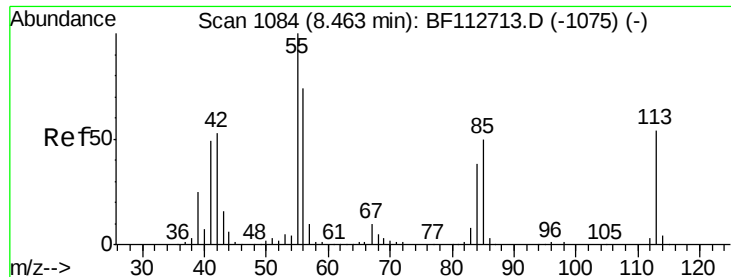
Tgt Ion:	127	Resp:	387857
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.4	39.6
65	28.6	23.1	34.7
92	19.0	14.9	22.3



#34
Hexachlorobutadiene
Concen: 44.249 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion:	225	Resp:	263707
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.7	74.5
227	64.1	52.1	78.1

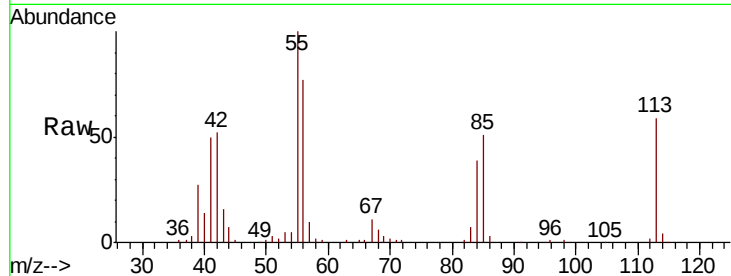




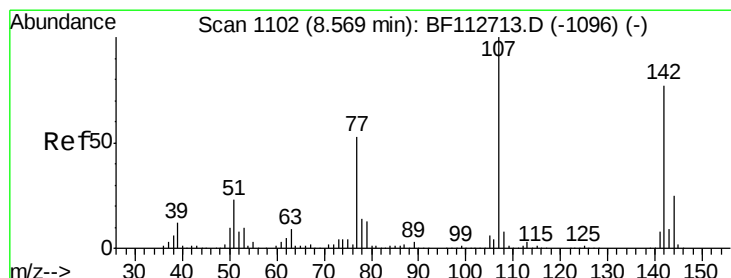
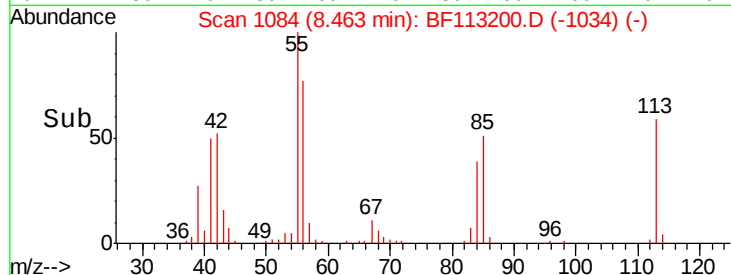
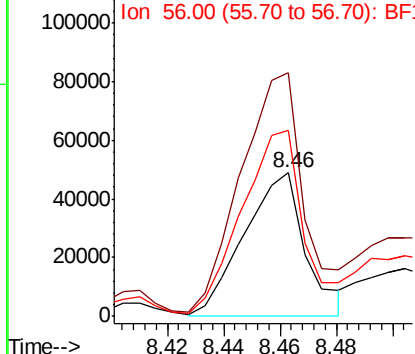
#35
 Caprolactam
 Concen: 21.240 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampled :
 PB118085BS

Tgt Ion:113 Resp: 73574
 Ion Ratio Lower Upper
 113 100
 55 169.4 163.5 203.5
 56 129.8 115.3 155.3

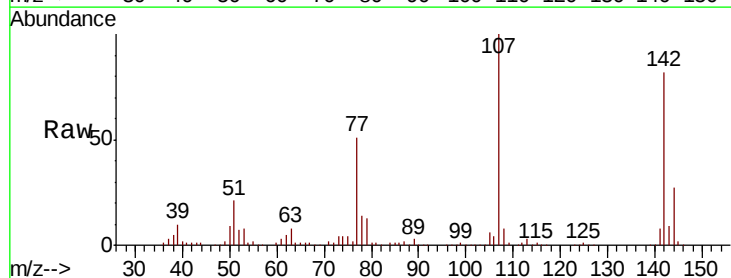


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

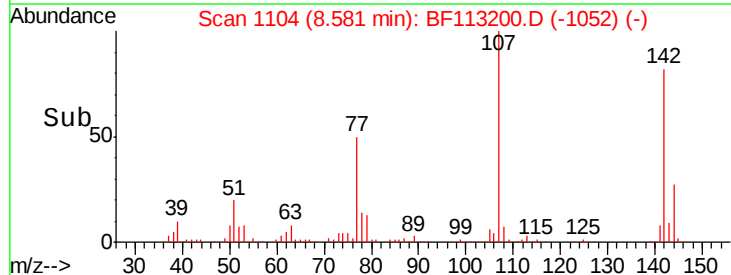
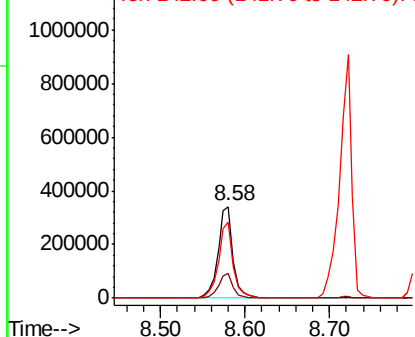


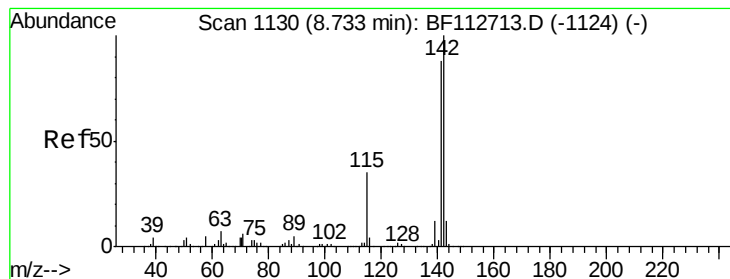
#36
 4-Chloro-3-methylphenol
 Concen: 39.291 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion:107 Resp: 427650
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.1 30.1
 142 82.4 61.9 92.9



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





#37

2-Methylnaphthalene

Concen: 41.157 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

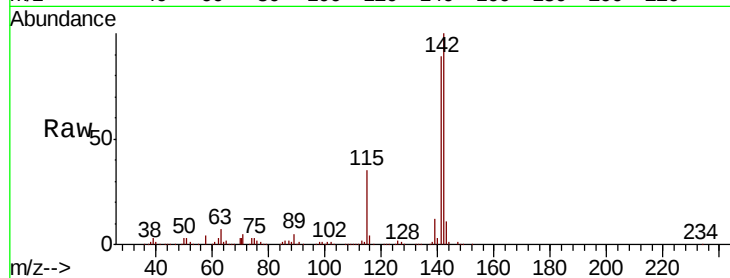
Tgt Ion:142 Resp: 929035

Ion Ratio Lower Upper

142 100

141 88.5 70.3 105.5

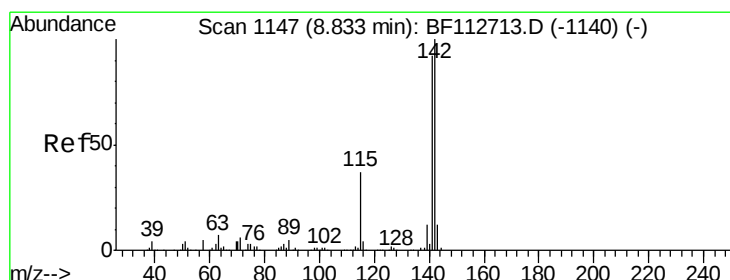
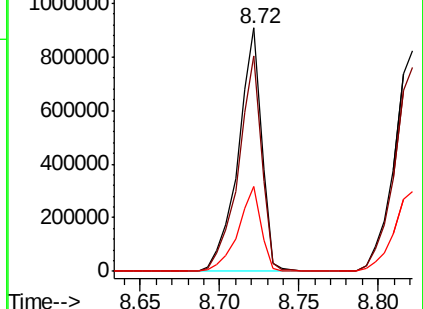
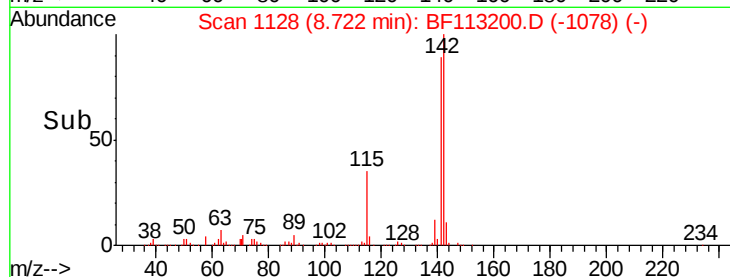
115 34.8 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.984 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

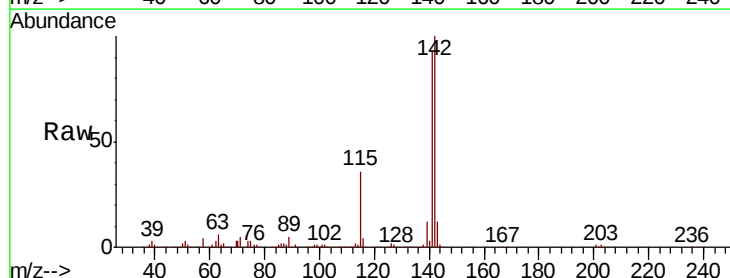
Tgt Ion:142 Resp: 874288

Ion Ratio Lower Upper

142 100

141 92.6 73.7 110.5

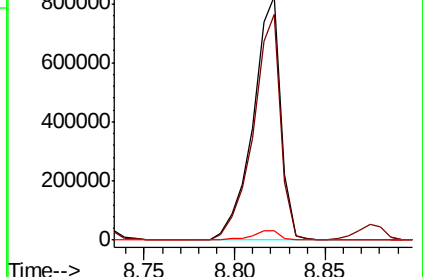
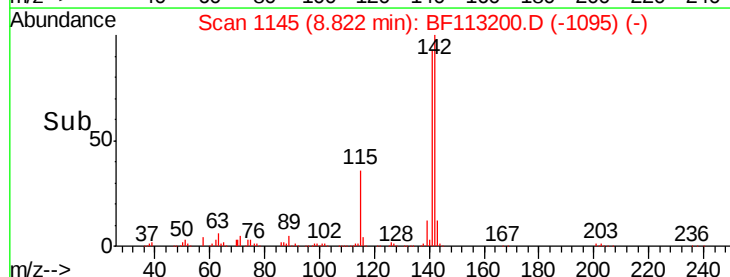
116 3.6 3.1 4.7

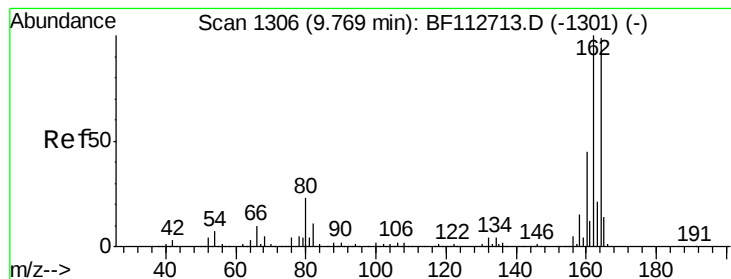


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1304

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

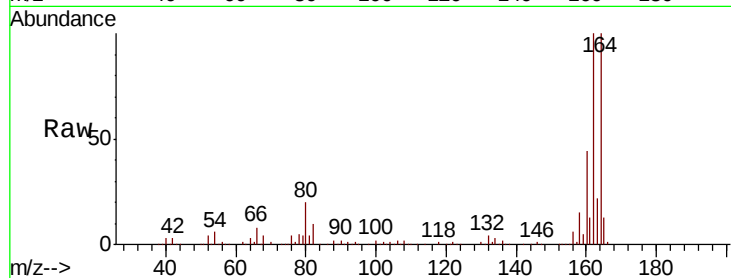
Tgt Ion:164 Resp: 356886

Ion Ratio Lower Upper

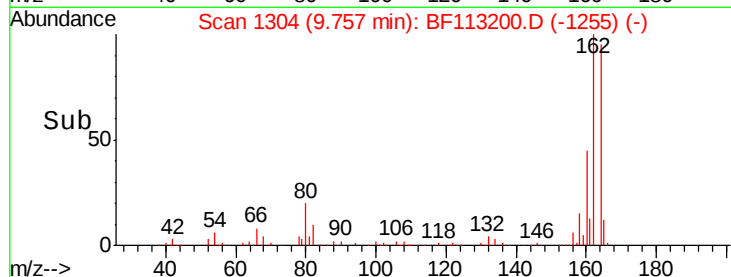
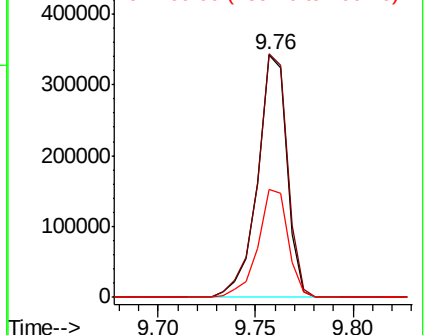
164 100

162 100.4 80.6 120.8

160 44.6 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.118 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Tgt Ion:216 Resp: 427926

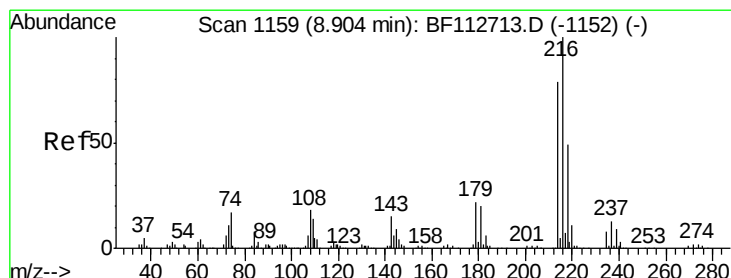
Ion Ratio Lower Upper

216 100

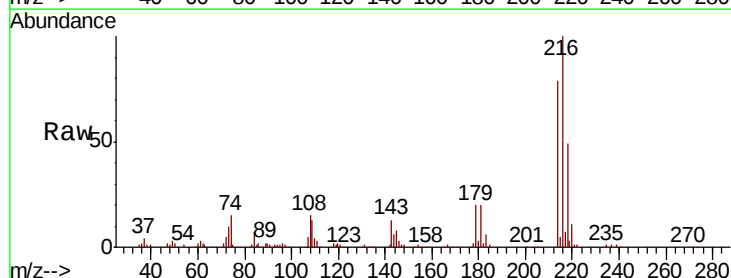
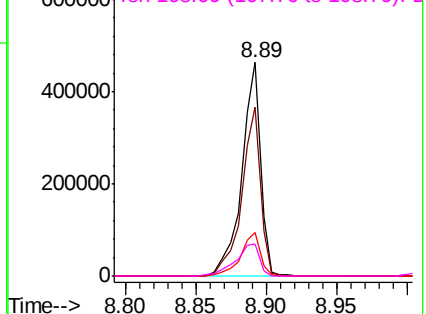
214 79.3 63.2 94.8

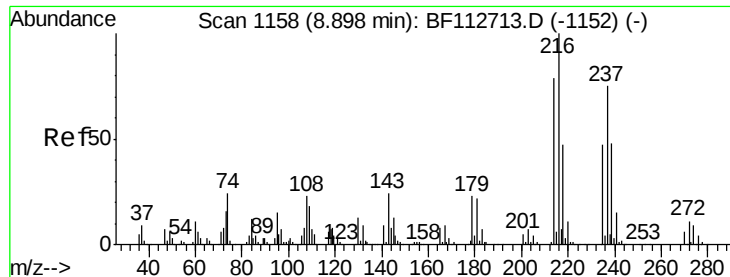
179 20.7 17.5 26.3

108 19.3 16.7 25.1



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.877 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

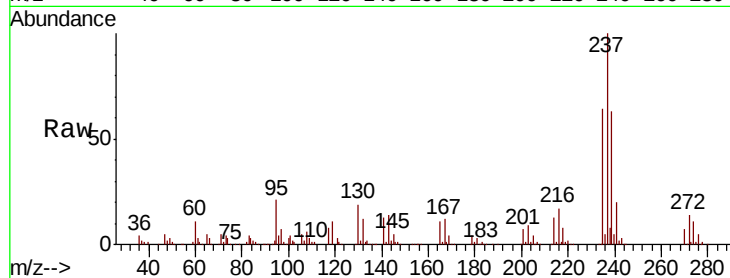
Tgt Ion: 237 Resp: 466613

Ion Ratio Lower Upper

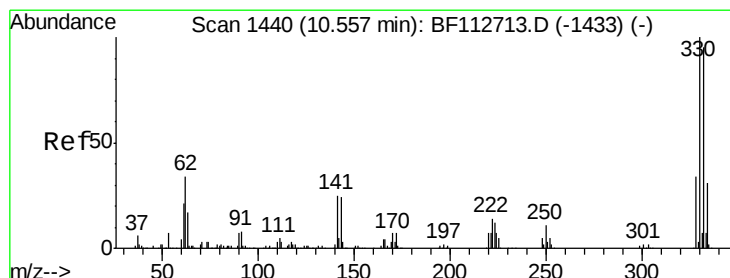
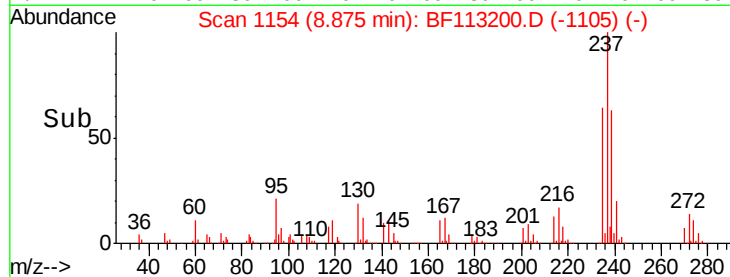
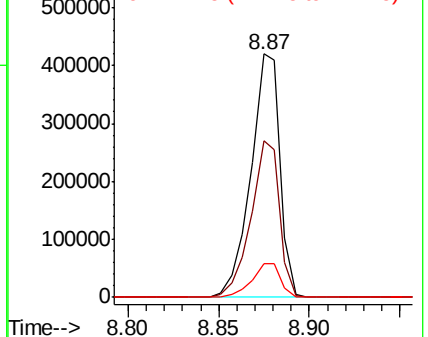
237 100

235 64.3 42.2 82.2

272 13.7 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: 136.920 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

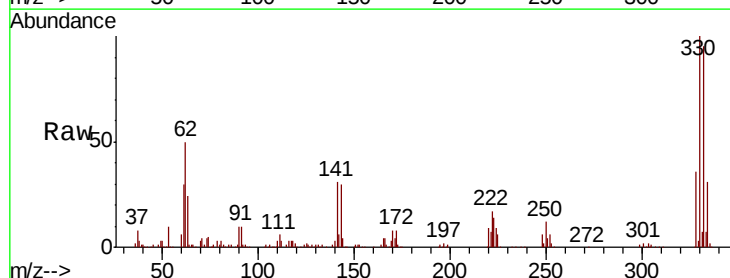
Tgt Ion: 330 Resp: 518761

Ion Ratio Lower Upper

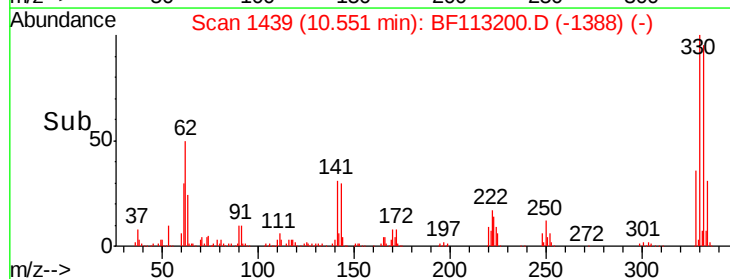
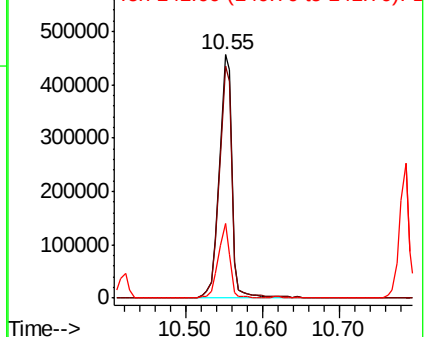
330 100

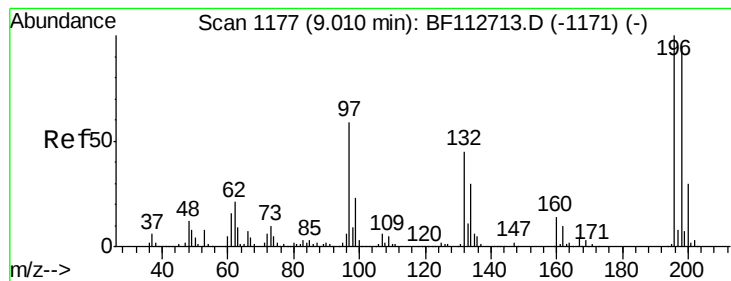
332 96.0 76.2 114.4

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: 41.876 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleID :

PB118085BS

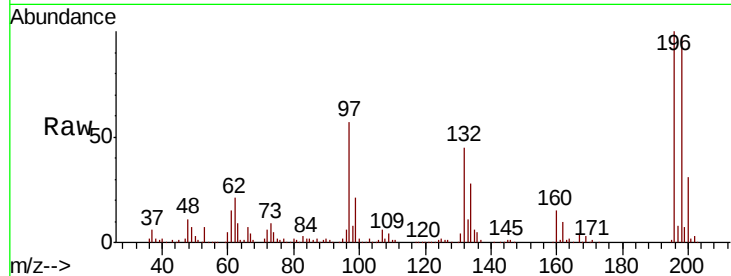
Tgt Ion:196 Resp: 299936

Ion Ratio Lower Upper

196 100

198 97.0 75.8 113.8

200 30.5 24.3 36.5

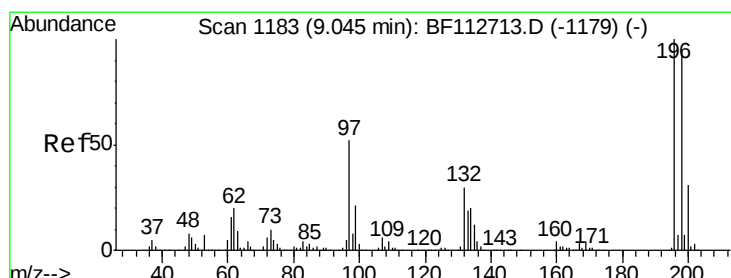
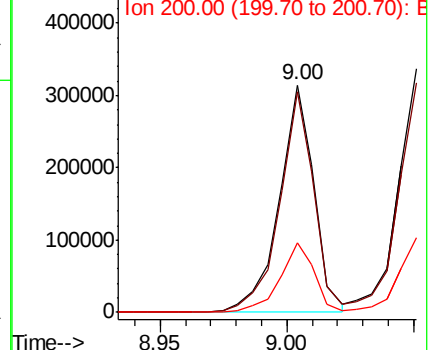
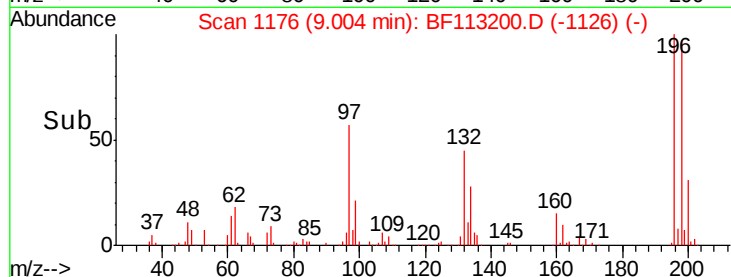


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 42.101 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Tgt Ion:196 Resp: 325937

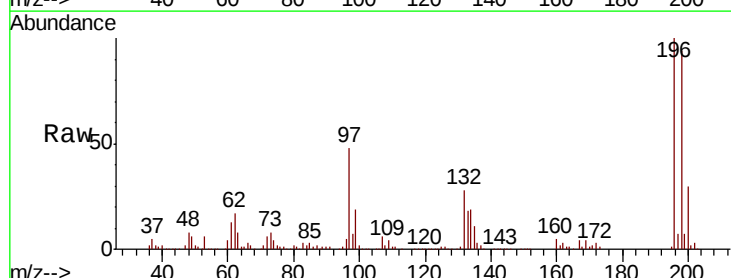
Ion Ratio Lower Upper

196 100

198 94.1 76.2 114.2

97 48.0 41.5 62.3

132 27.9 23.9 35.9



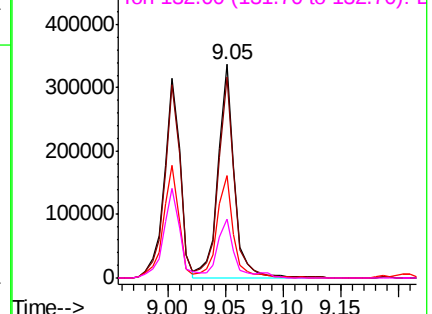
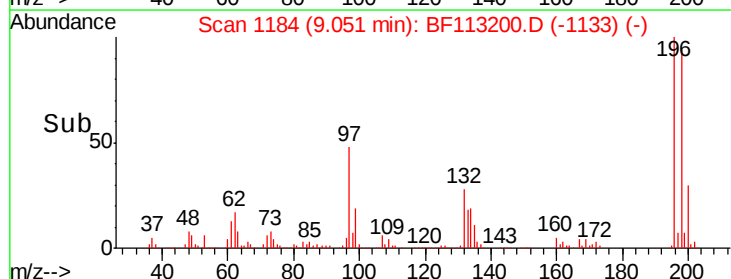
Abundance

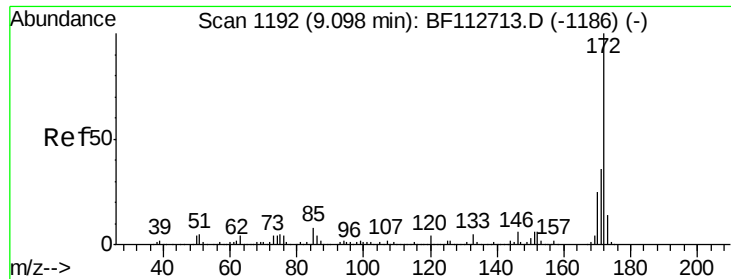
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

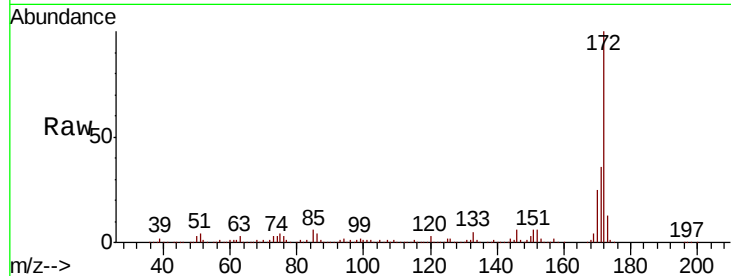




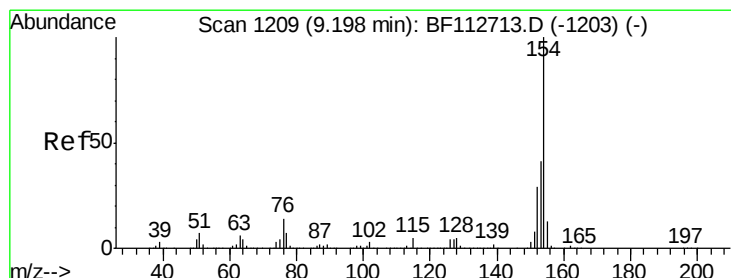
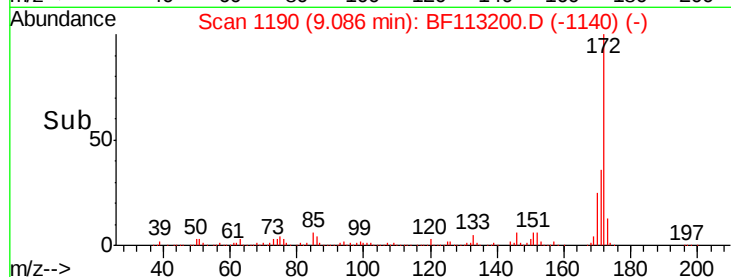
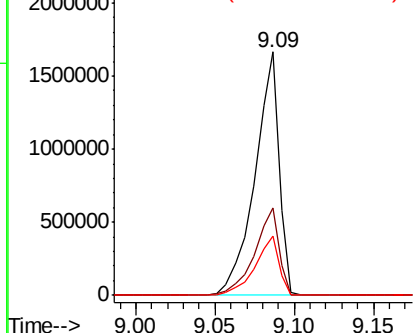
#45
2-Fluorobiphenyl
Concen: 81.652 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion:172 Resp: 1777230
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 24.6 20.0 30.0

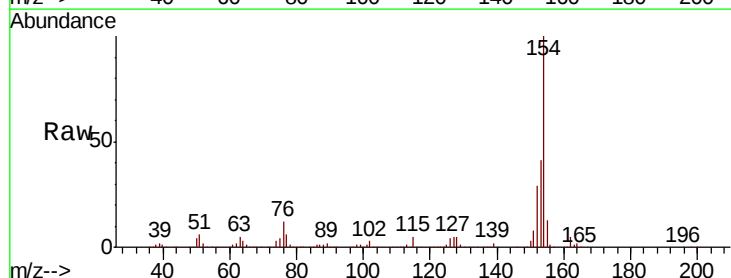


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

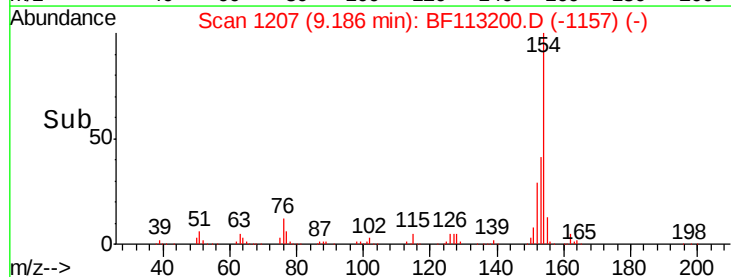
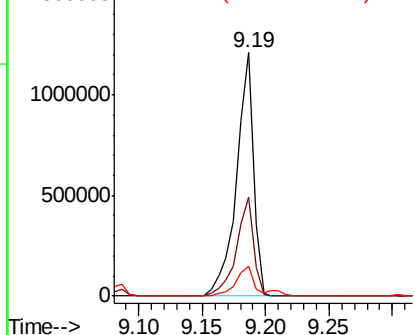


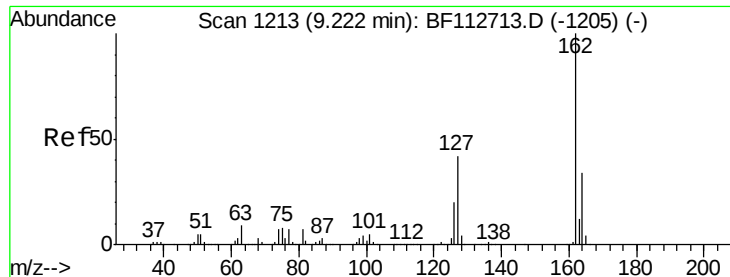
#46
1,1'-Biphenyl
Concen: 38.264 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion:154 Resp: 1113863
Ion Ratio Lower Upper
154 100
153 40.7 20.8 60.8
76 12.1 0.0 33.8



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

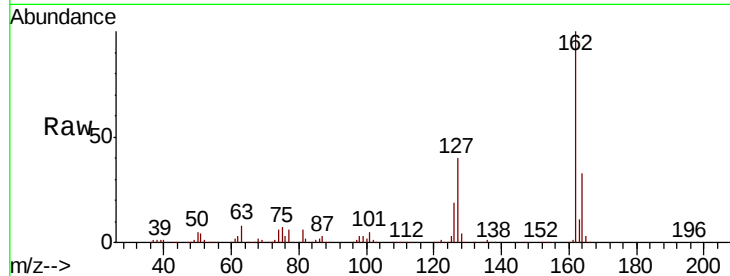




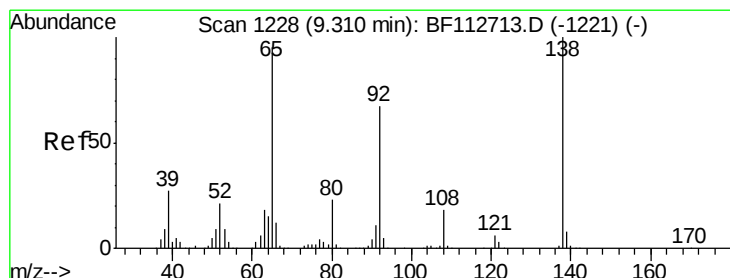
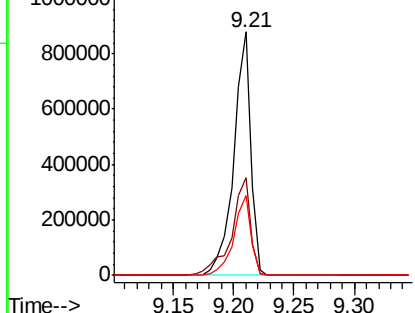
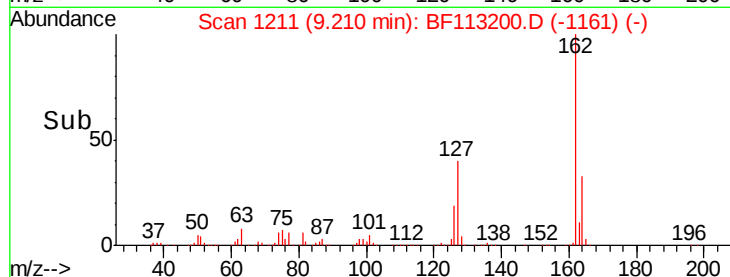
#47
 2-Chloronaphthalene
 Concen: 38.098 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

Tgt Ion: 162 Resp: 865959
 Ion Ratio Lower Upper
 162 100
 127 40.0 33.4 50.2
 164 32.8 26.9 40.3

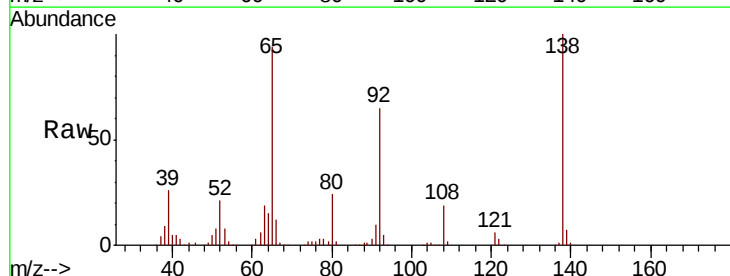


Abundance Ion 162.00 (161.70 to 162.70): E
 1200000
 Ion 127.00 (126.70 to 127.70): E
 1000000
 Ion 164.00 (163.70 to 164.70): E

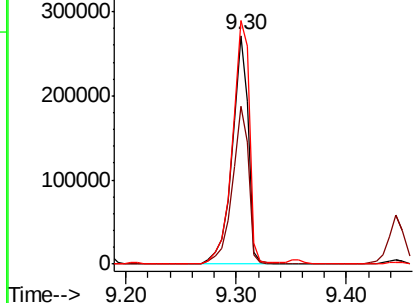
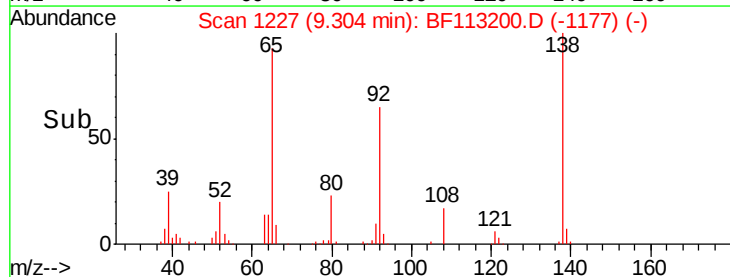


#48
 2-Nitroaniline
 Concen: 40.055 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion: 65 Resp: 276731
 Ion Ratio Lower Upper
 65 100
 92 69.1 56.4 84.6
 138 106.7 84.6 126.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 400000
 Ion 92.00 (91.70 to 92.70): BF1
 300000
 Ion 138.00 (137.70 to 138.70): E

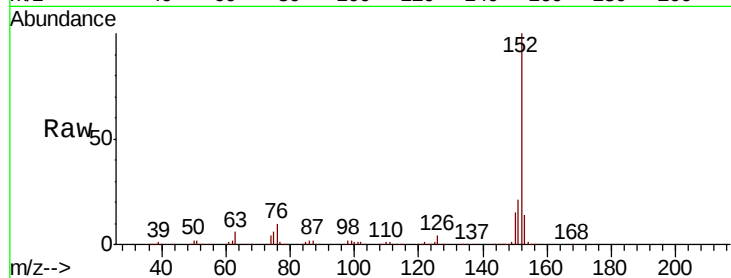




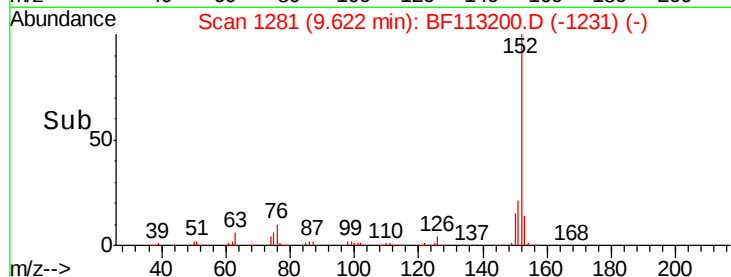
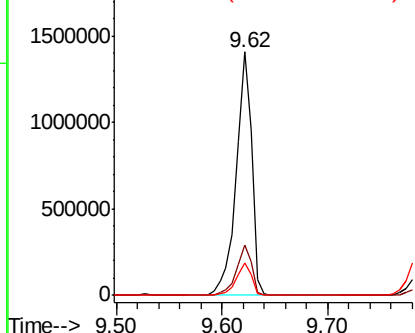
#49
Acenaphthylene
Concen: 36.440 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion:152 Resp: 1406123
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 13.5 11.0 16.6

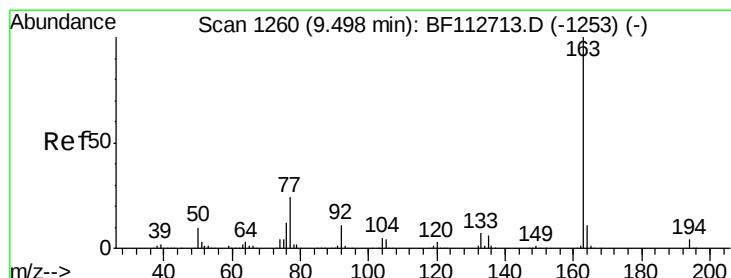


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

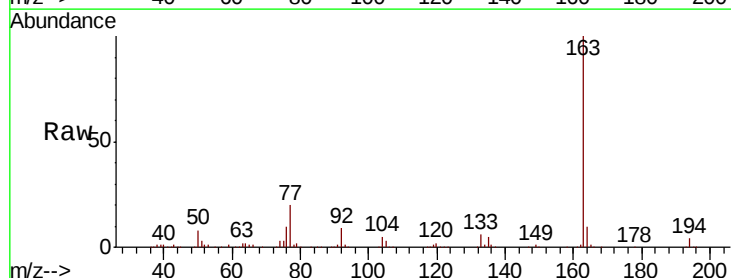
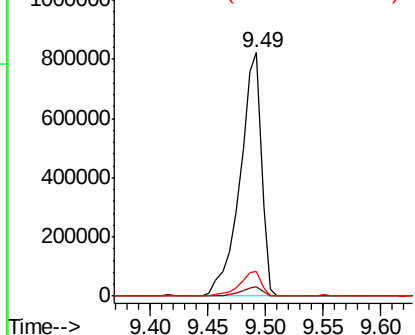


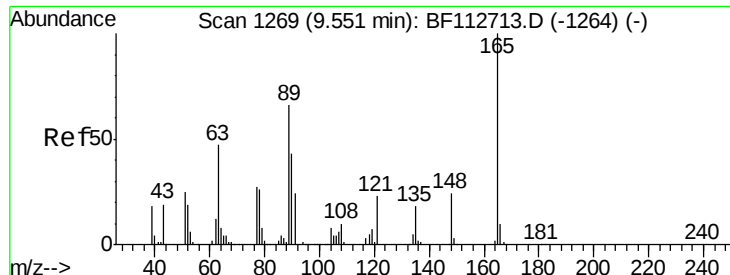
#50
Dimethylphthalate
Concen: 40.079 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion:163 Resp: 1054693
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.2 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

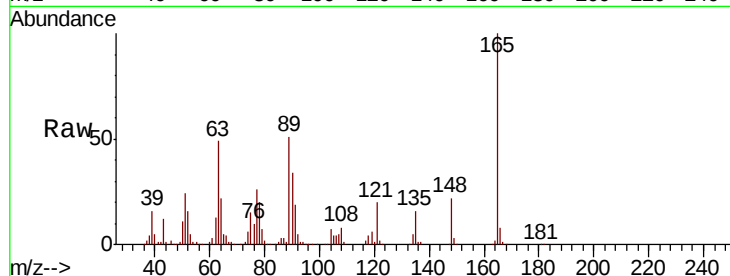




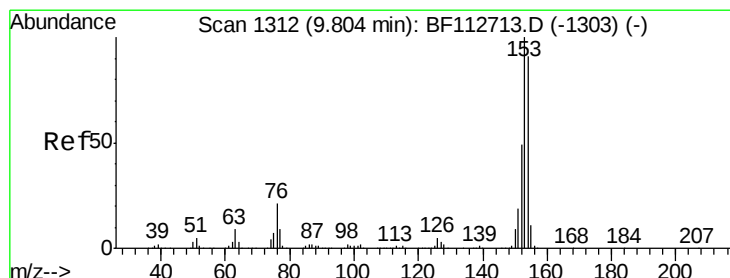
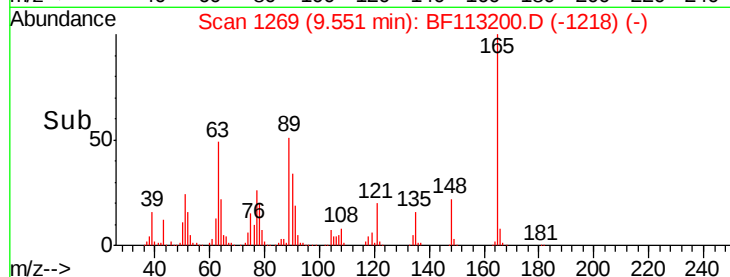
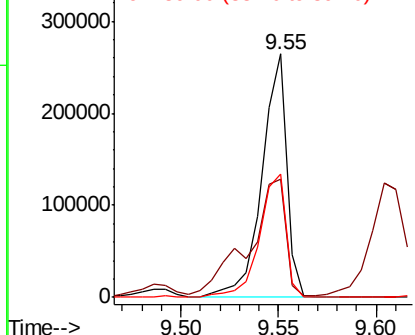
#51
2,6-Dinitrotoluene
Concen: 42.569 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion:165 Resp: 233269
Ion Ratio Lower Upper
165 100
63 48.8 54.1 81.1#
89 50.6 52.8 79.2#

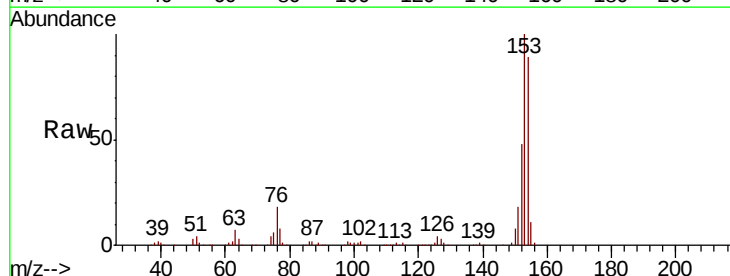


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

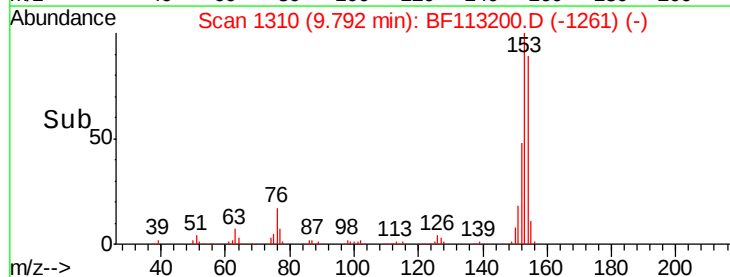
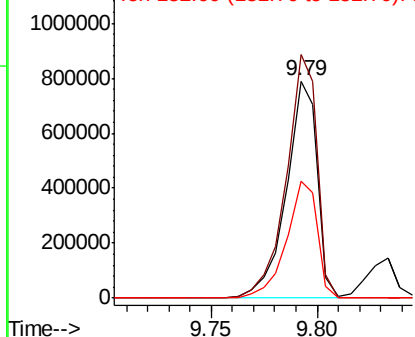


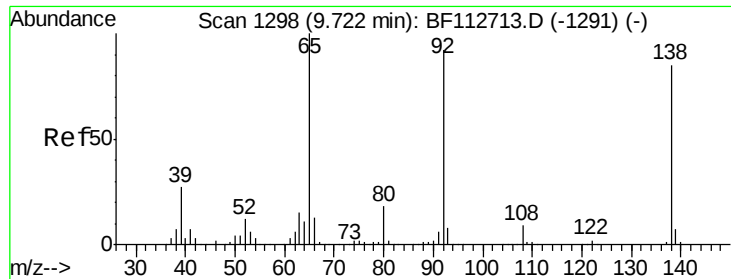
#52
Acenaphthene
Concen: 35.793 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion:154 Resp: 807690
Ion Ratio Lower Upper
154 100
153 112.0 87.8 131.8
152 53.7 43.0 64.6



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

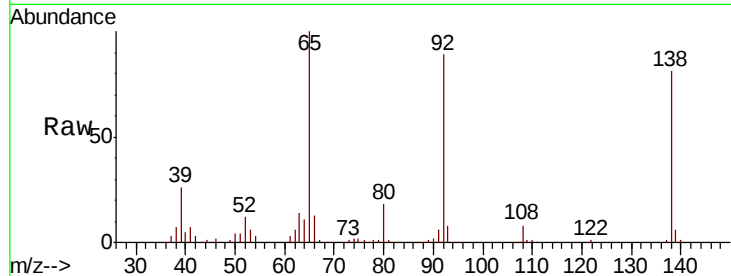




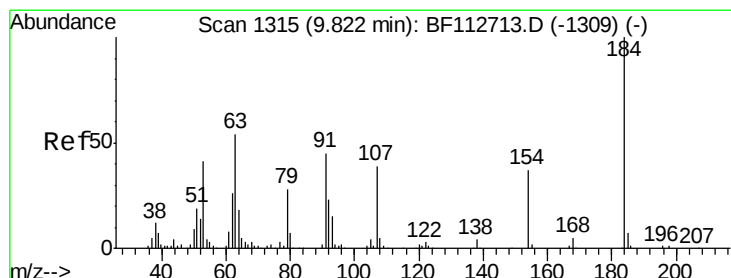
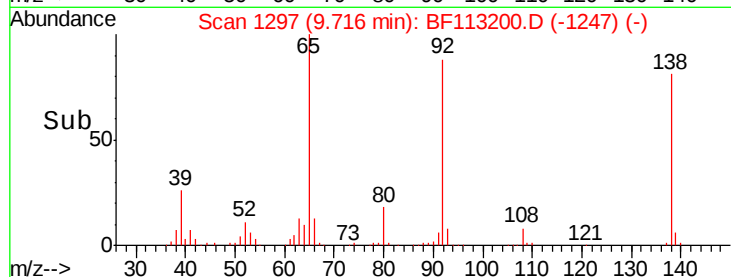
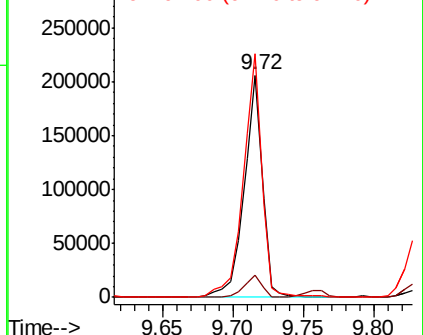
#53
 3-Nitroaniline
 Concen: 27.836 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

Tgt Ion:138 Resp: 185869
 Ion Ratio Lower Upper
 138 100
 108 10.1 8.6 13.0
 92 109.5 86.6 129.8

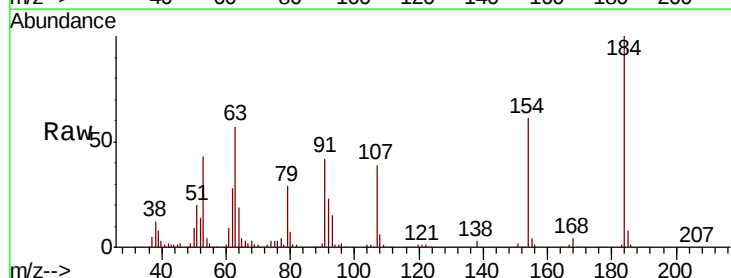


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

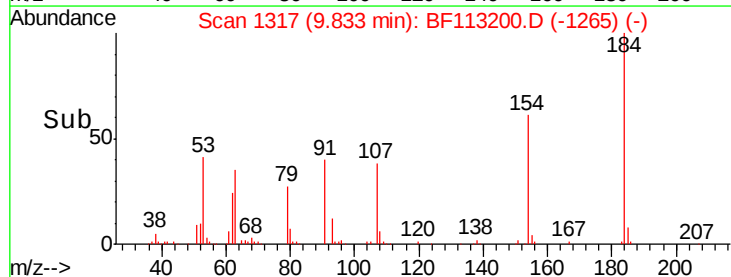
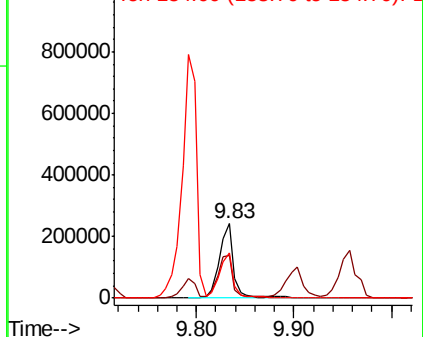


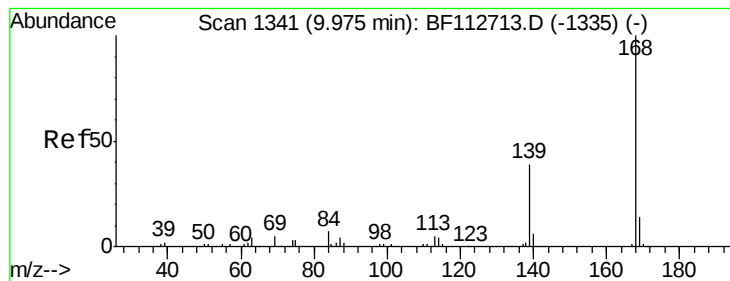
#54
 2,4-Dinitrophenol
 Concen: 107.989 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion:184 Resp: 247563
 Ion Ratio Lower Upper
 184 100
 63 57.1 45.3 67.9
 154 60.7 46.0 69.0



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





#55

Dibenzofuran

Concen: 37.424 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

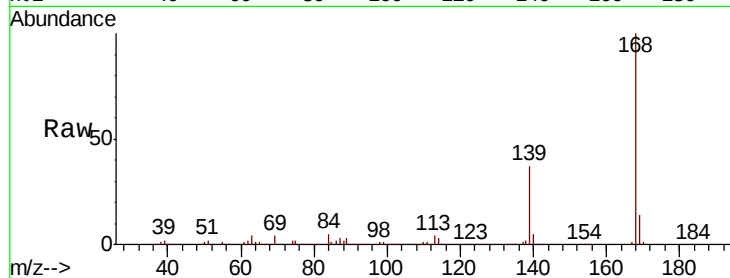
Tgt Ion:168 Resp: 1227382

Ion Ratio Lower Upper

168 100

139 36.7 31.3 46.9

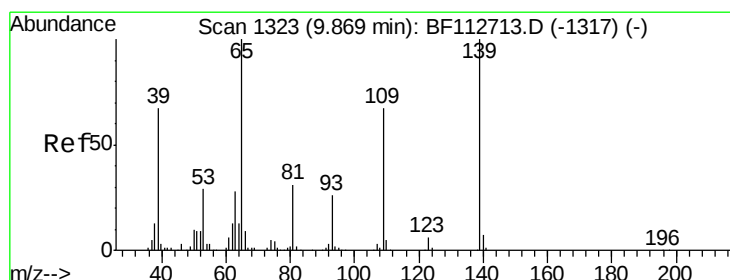
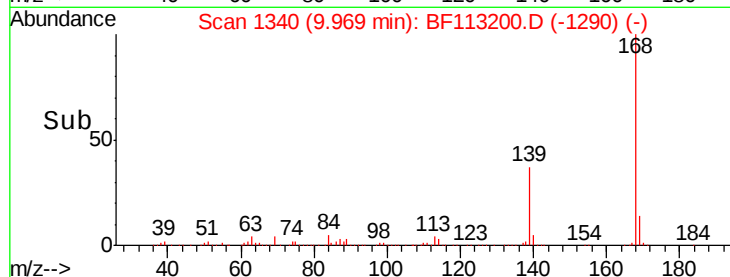
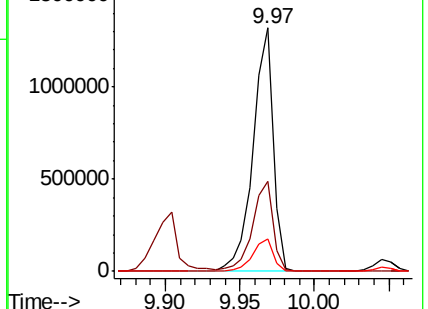
169 13.5 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 64.592 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.02 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

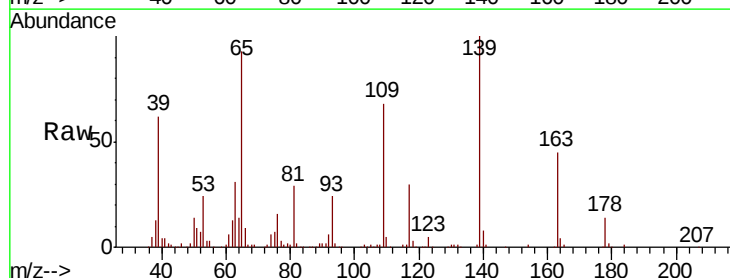
Tgt Ion:139 Resp: 350523

Ion Ratio Lower Upper

139 100

109 67.9 46.8 86.8

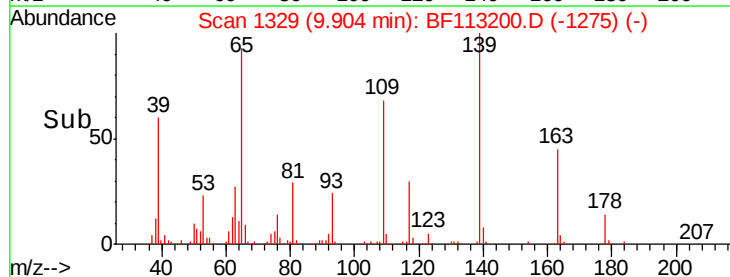
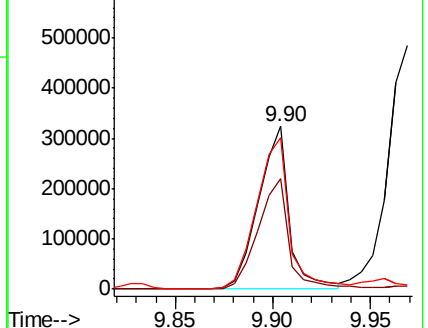
65 93.1 80.7 120.7

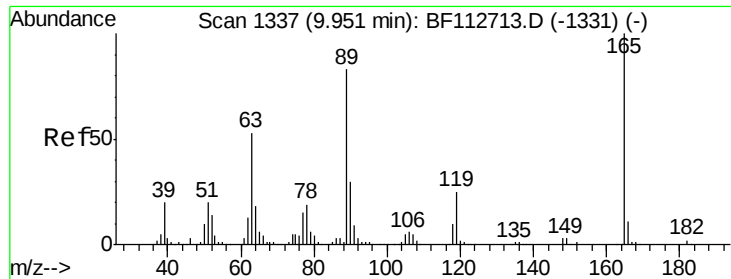


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

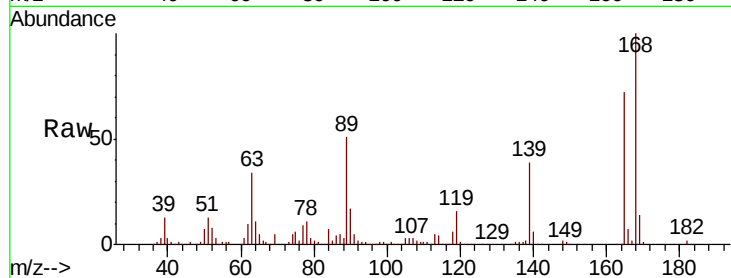




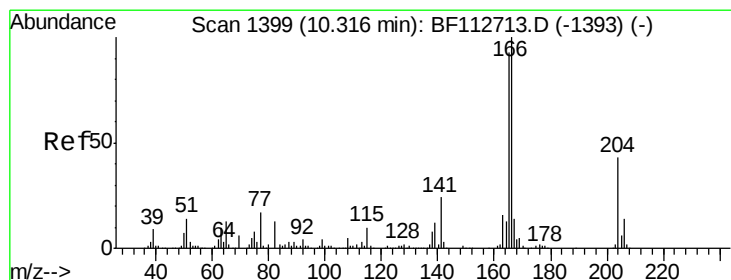
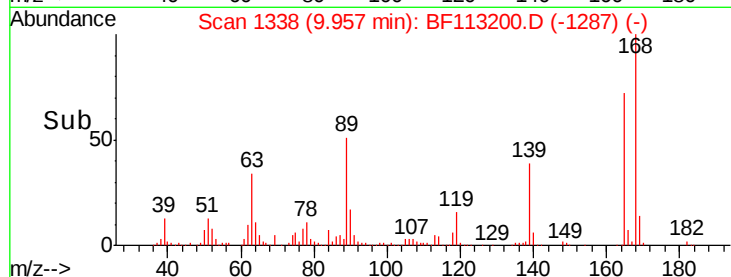
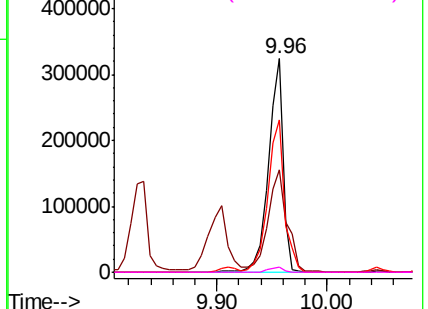
#57
2,4-Dinitrotoluene
Concen: 44.549 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion:	165	Resp:	303451
Ion	Ratio	Lower	Upper
165	100		
63	47.8	42.2	63.2
89	71.6	66.2	99.4
182	2.6	1.8	2.6

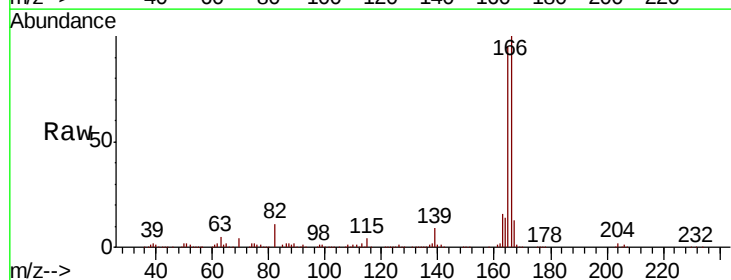


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

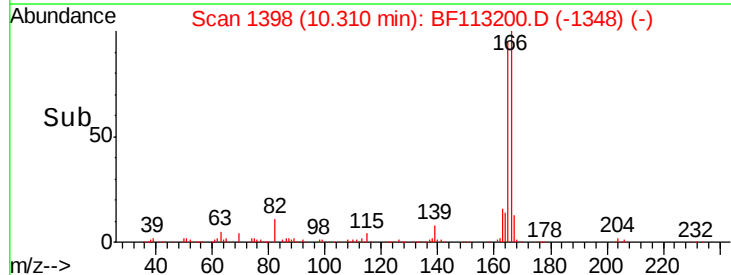
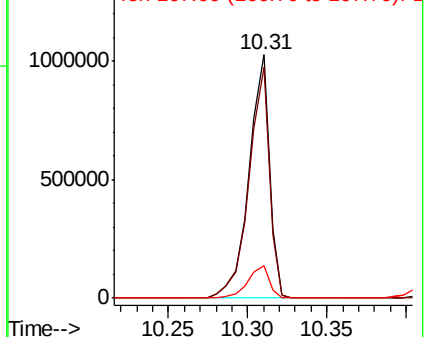


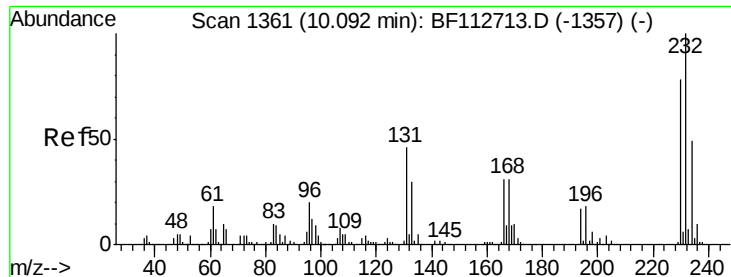
#58
Fluorene
Concen: 39.685 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion:	166	Resp:	923761
Ion	Ratio	Lower	Upper
166	100		
165	94.6	74.7	112.1
167	13.5	11.0	16.6



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

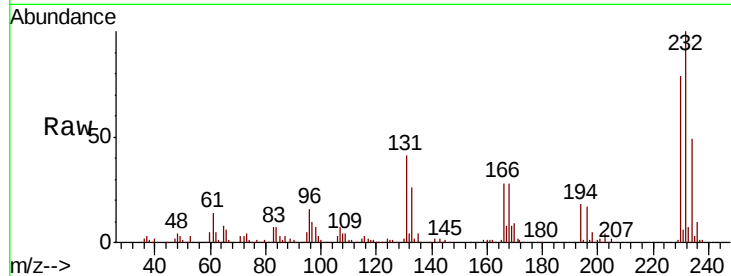




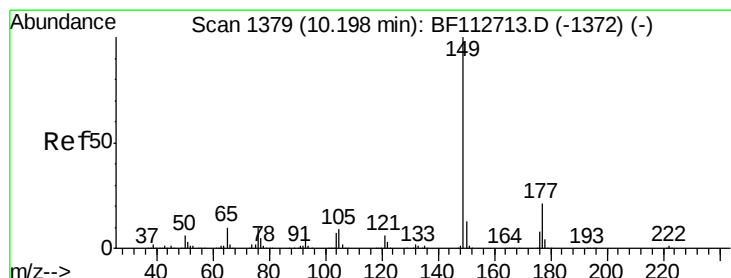
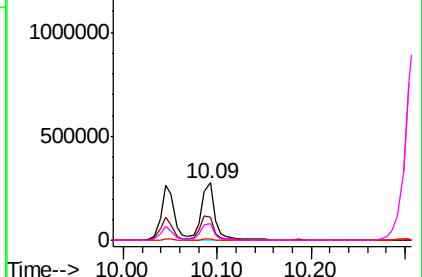
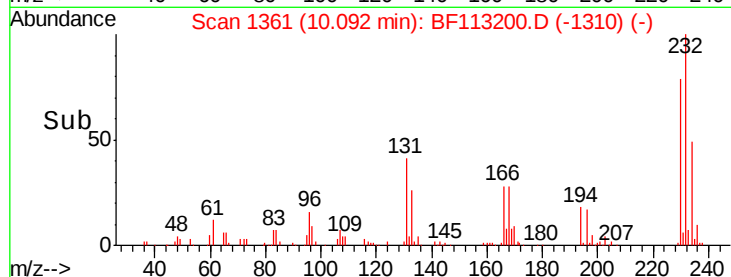
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.171 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion:232 Resp: 284906
Ion Ratio Lower Upper
232 100
131 44.3 38.7 58.1
130 2.1 1.9 2.9
166 28.5 25.2 37.8

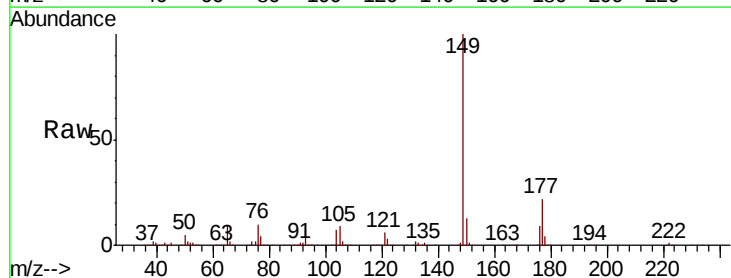


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

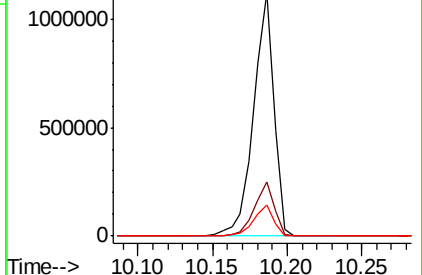
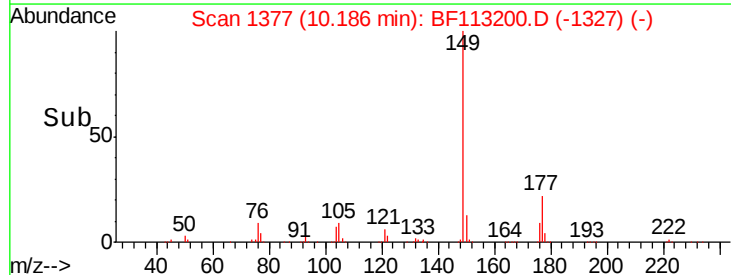


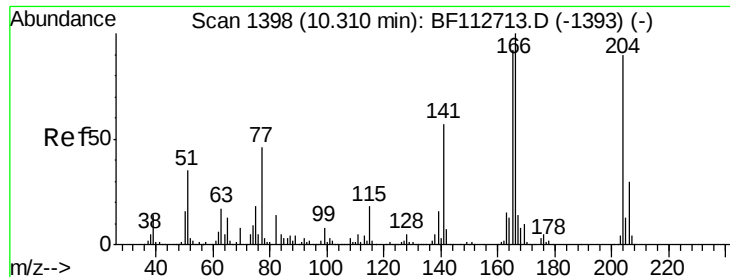
#60
Diethylphthalate
Concen: 37.611 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion:149 Resp: 1045325
Ion Ratio Lower Upper
149 100
177 22.1 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

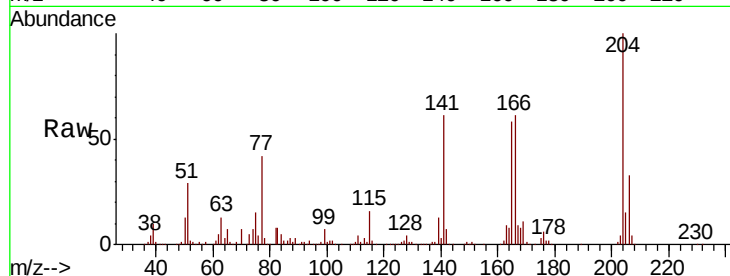




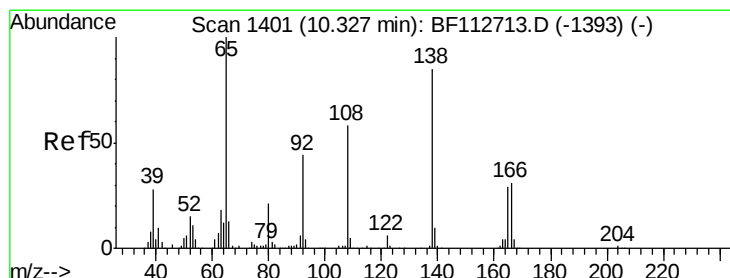
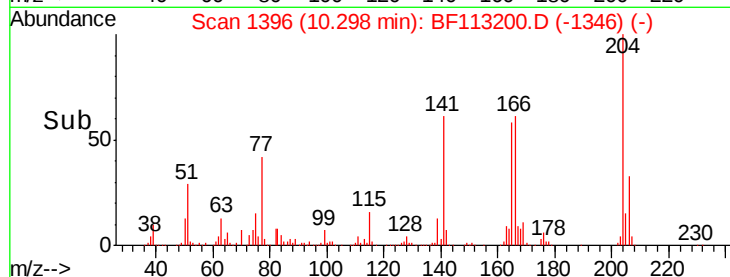
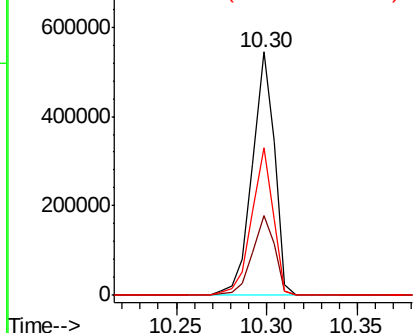
#61
4-Chlorophenyl-phenylether
Concen: 43.036 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion:204 Resp: 466091
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 60.7 50.8 76.2

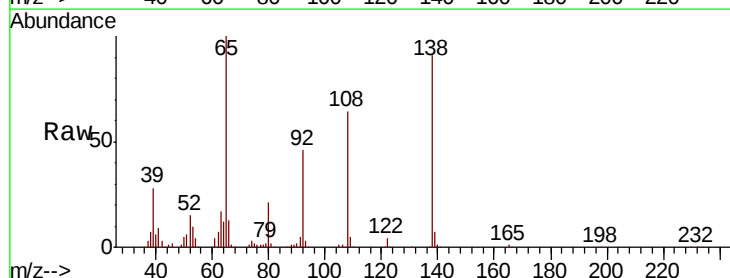


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

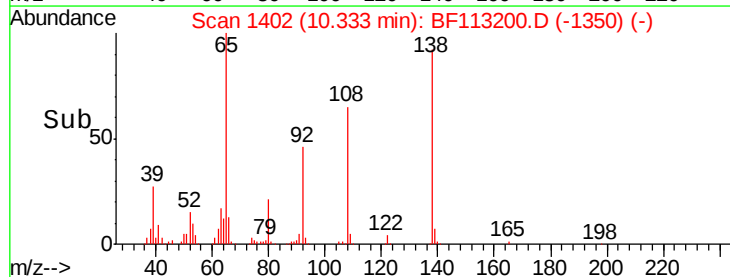
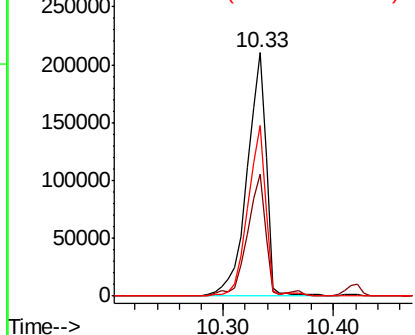


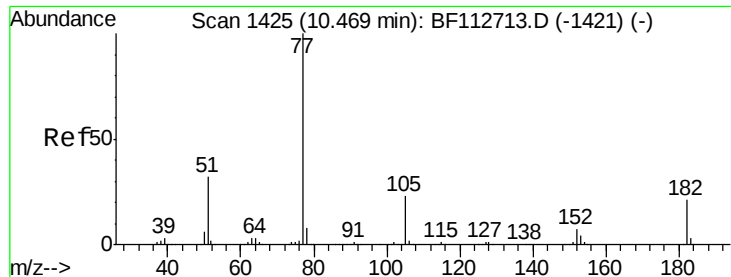
#62
4-Nitroaniline
Concen: 41.766 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion:138 Resp: 257700
Ion Ratio Lower Upper
138 100
92 49.9 31.3 71.3
108 70.3 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

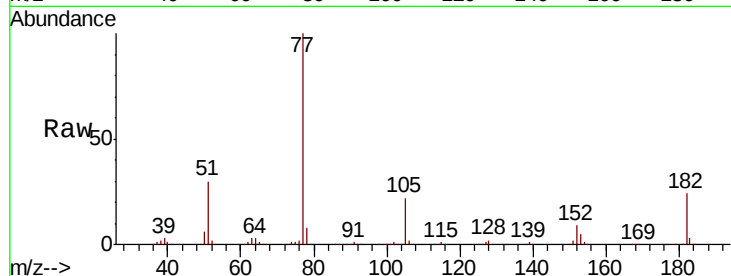




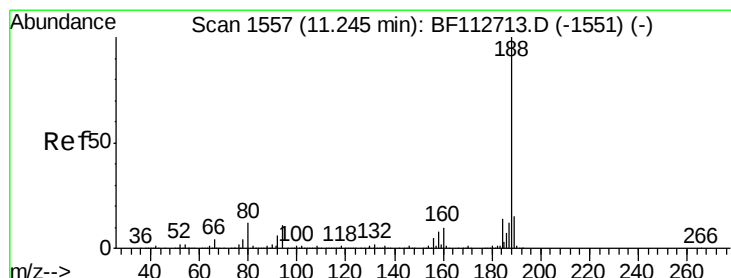
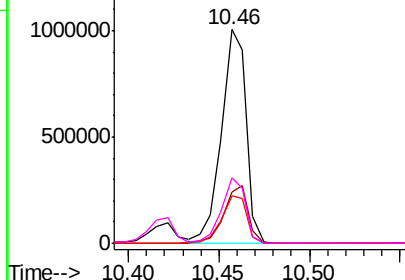
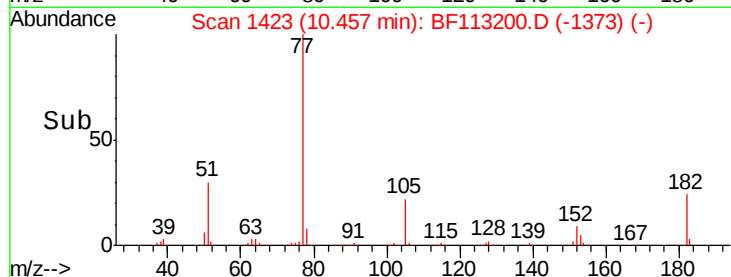
#63
Azobenzene
Concen: 33.475 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion: 77 Resp: 952949
Ion Ratio Lower Upper
77 100
182 23.8 1.4 41.4
105 22.4 2.6 42.6
51 30.5 12.0 52.0

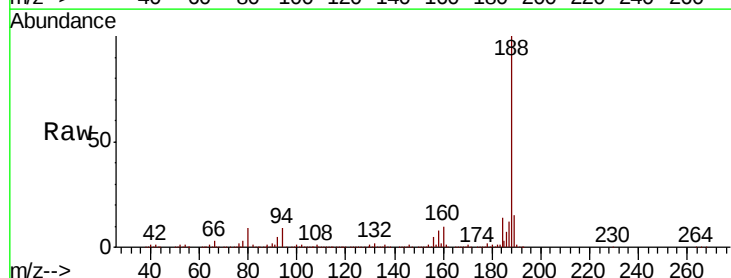


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

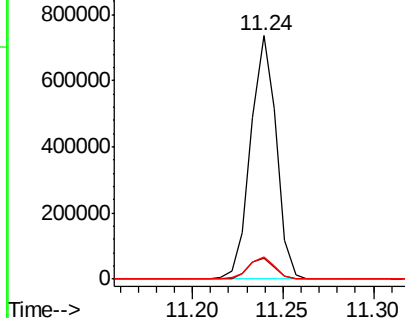
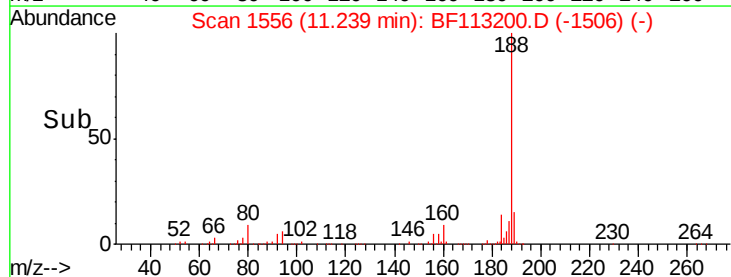


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion: 188 Resp: 724978
Ion Ratio Lower Upper
188 100
94 8.8 9.0 13.4#
80 9.3 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

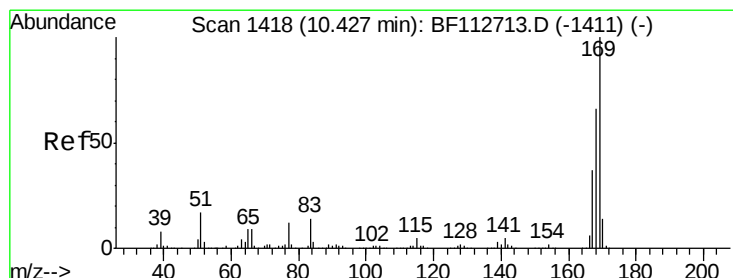
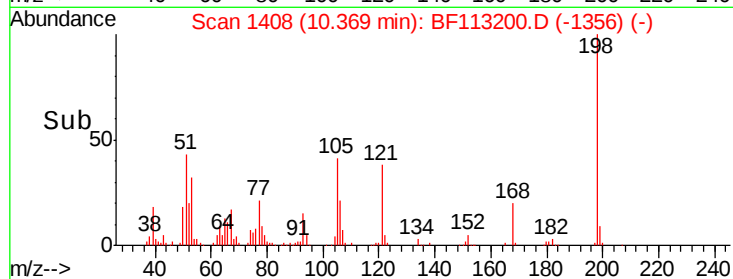
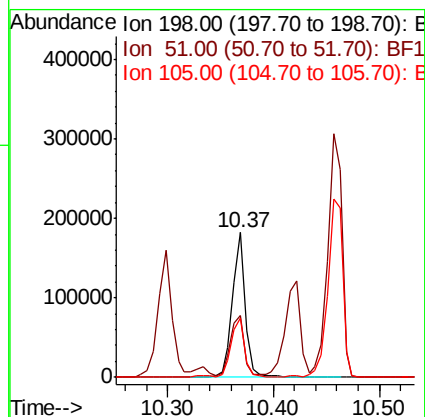
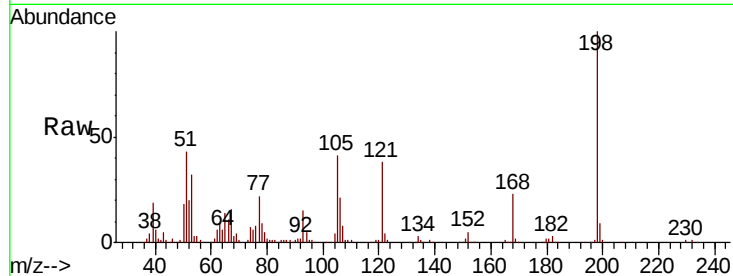




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.010 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

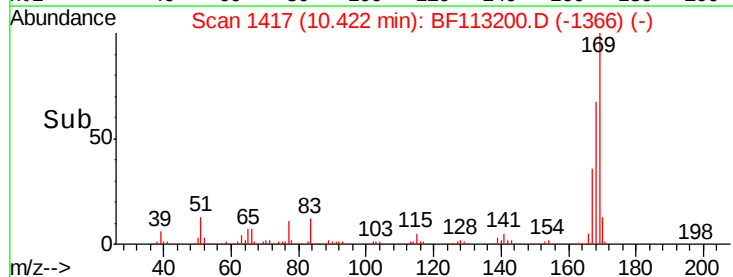
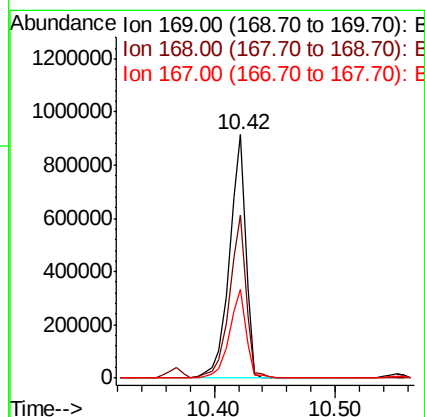
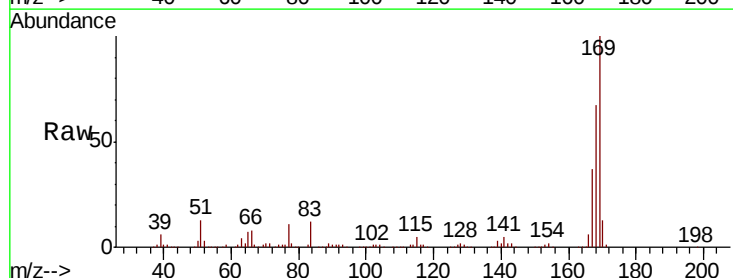
Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

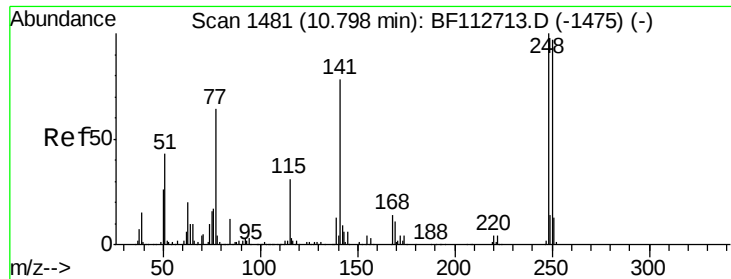
Tgt Ion:198 Resp: 152903
 Ion Ratio Lower Upper
 198 100
 51 42.6 43.8 83.8#
 105 41.1 36.5 76.5



#66
 n-Nitrosodiphenylamine
 Concen: 36.883 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion:169 Resp: 857558
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.0 79.6
 167 36.6 29.3 43.9

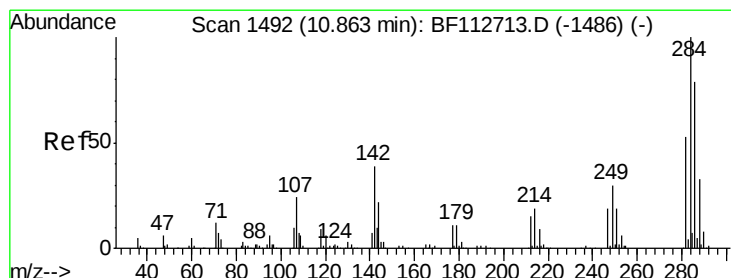
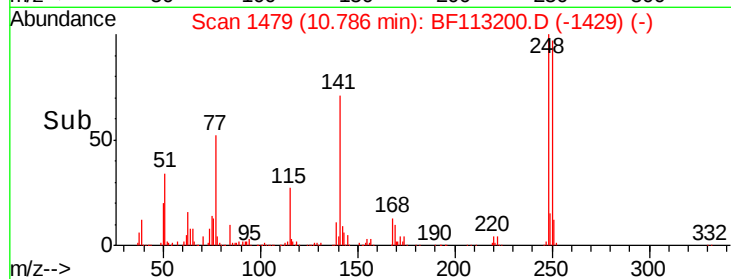
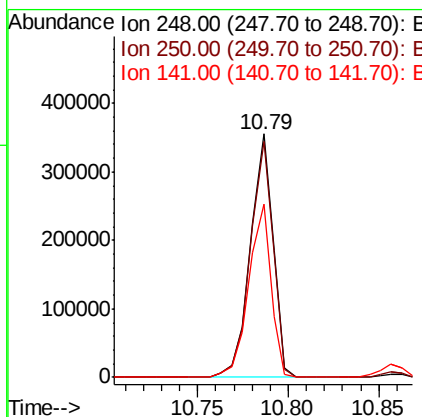
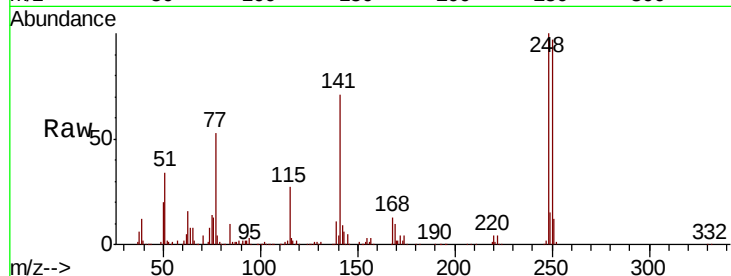




#67
 4-Bromophenyl-phenylether
 Concen: 40.562 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

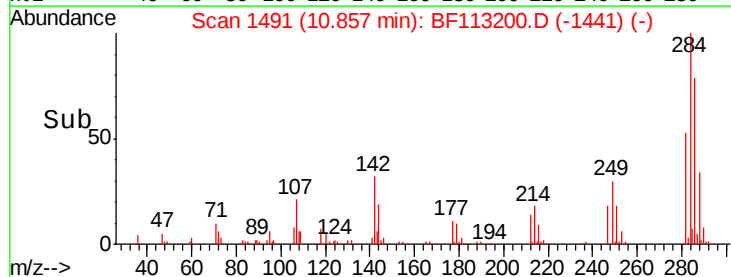
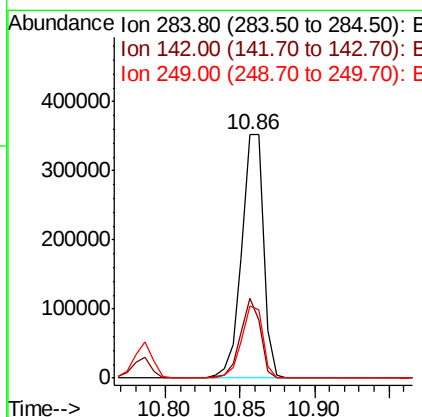
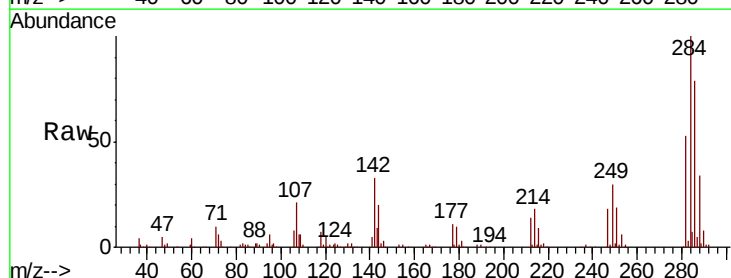
Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

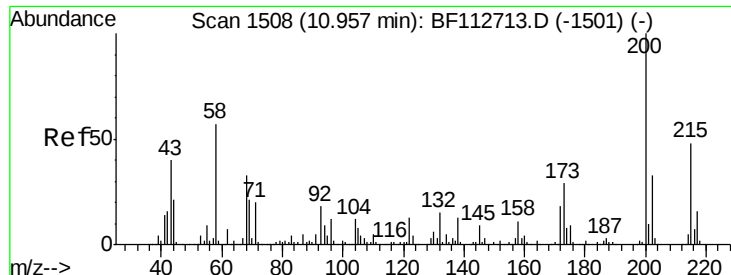
Tgt Ion:248 Resp: 309738
 Ion Ratio Lower Upper
 248 100
 250 97.0 77.5 116.3
 141 71.4 62.4 93.6



#68
 Hexachlorobenzene
 Concen: 41.838 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion:284 Resp: 360139
 Ion Ratio Lower Upper
 284 100
 142 32.6 31.0 46.6
 249 29.7 23.6 35.4

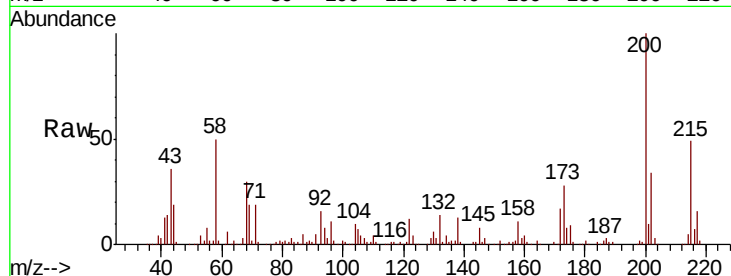




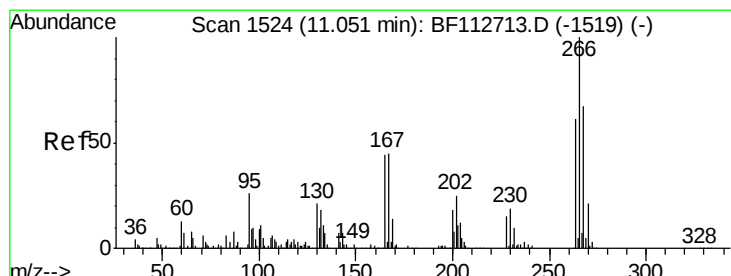
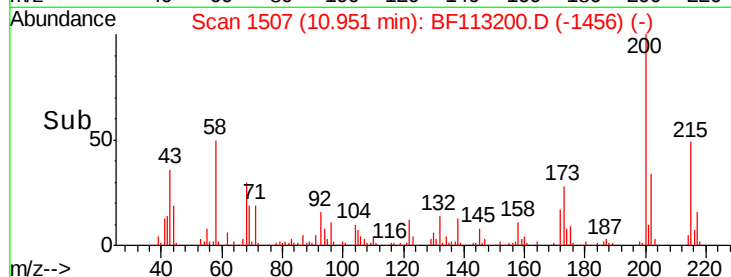
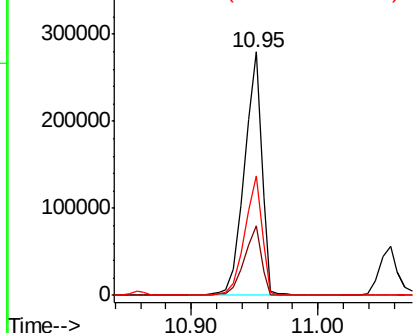
#69
 Atrazine
 Concen: 37.353 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.4	9.1	49.1
215	49.1	28.2	68.2

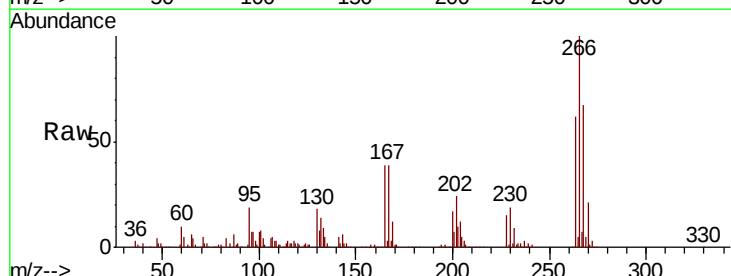


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

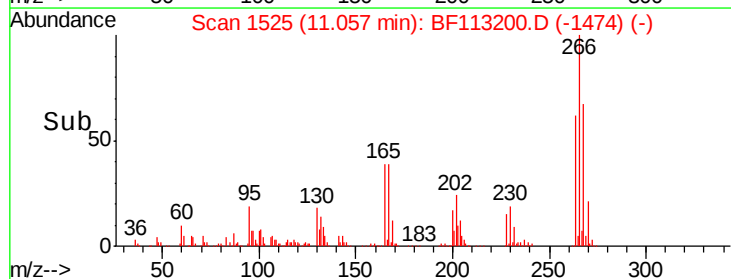
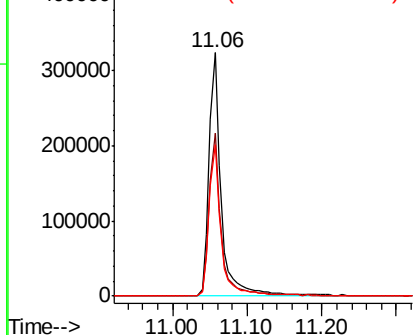


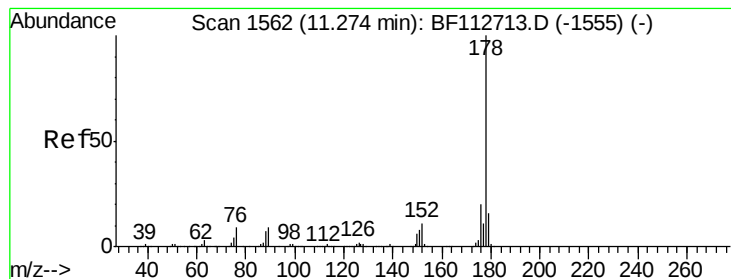
#70
 Pentachlorophenol
 Concen: 73.678 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.0	53.3	79.9
264	62.0	48.9	73.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.762 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

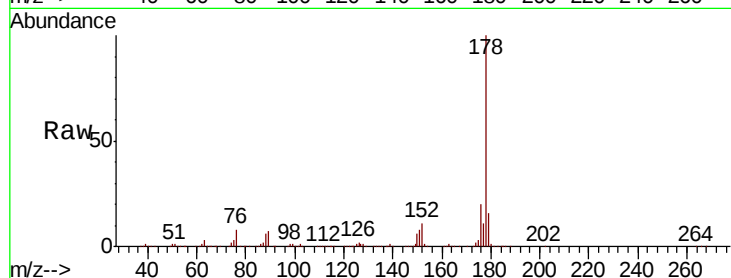
Tgt Ion:178 Resp: 1362107

Ion Ratio Lower Upper

178 100

176 20.2 16.3 24.5

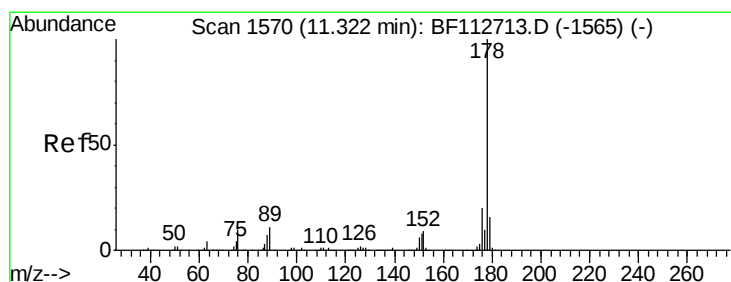
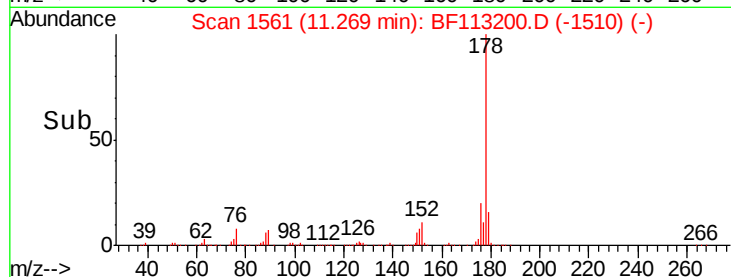
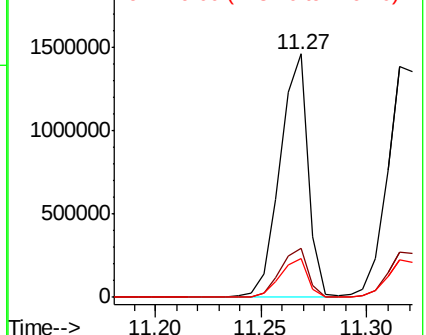
179 15.8 12.7 19.1



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: 37.754 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

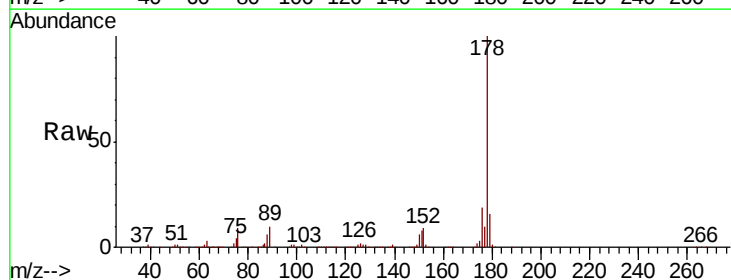
Tgt Ion:178 Resp: 1425532

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

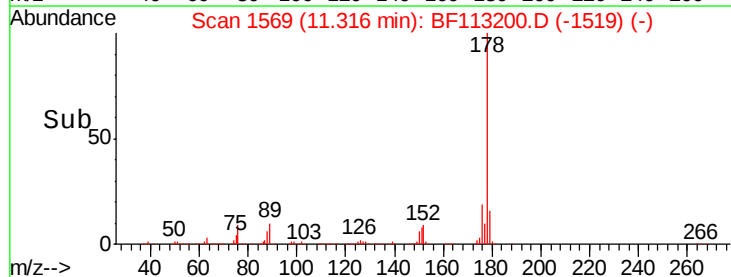
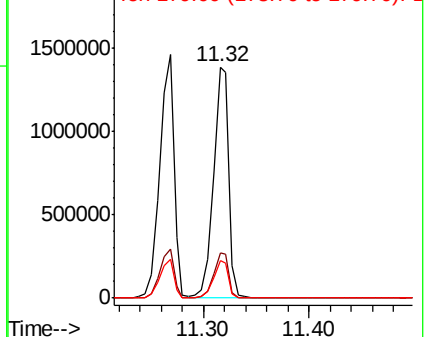
179 16.2 13.0 19.6

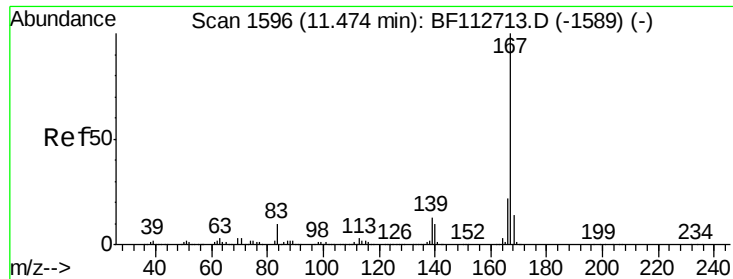


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

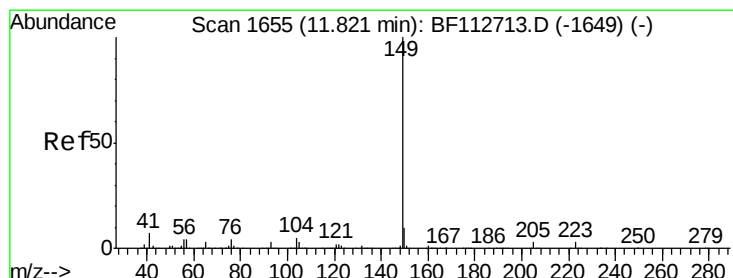
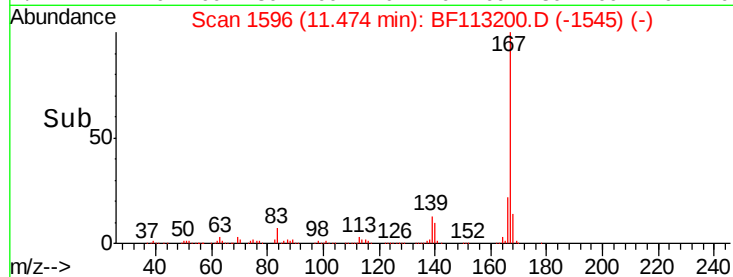
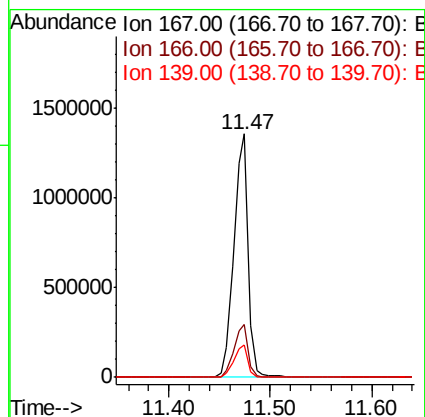
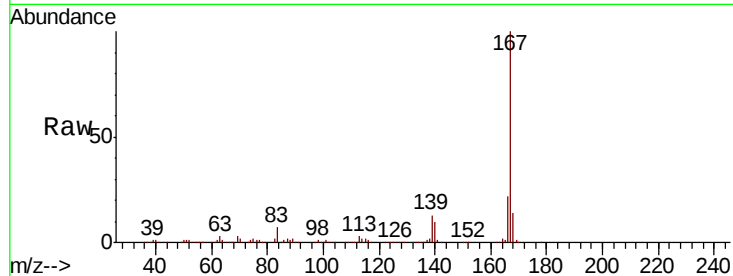




#73
 Carbazole
 Concen: 35.983 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

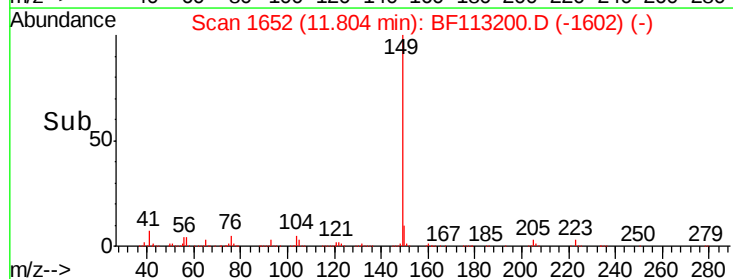
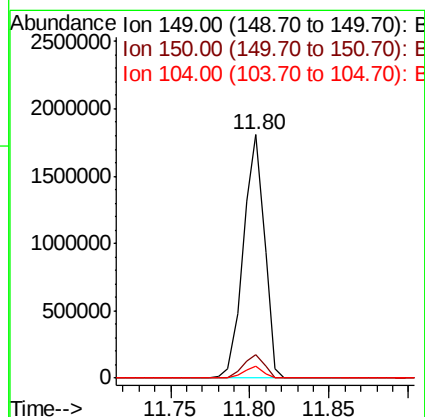
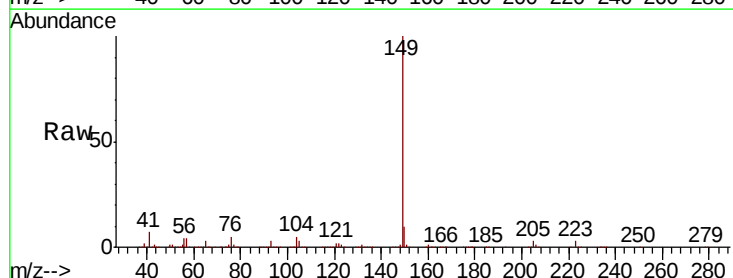
Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

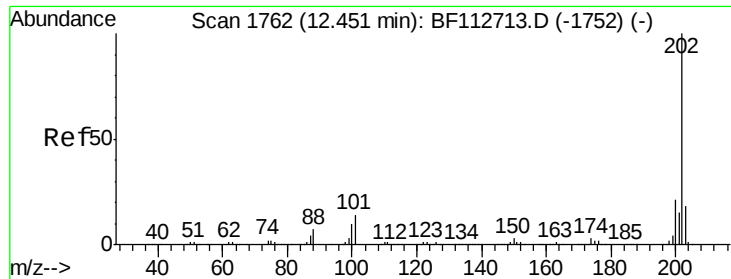
Tgt Ion:167 Resp: 1325391
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.1 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 37.583 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion:149 Resp: 1659863
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.8 3.7 5.5

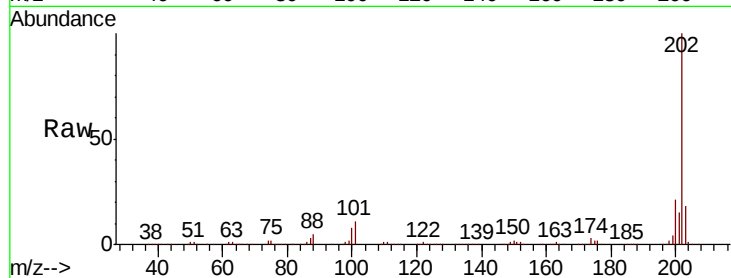




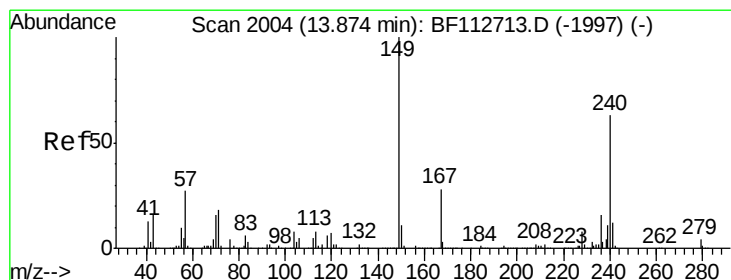
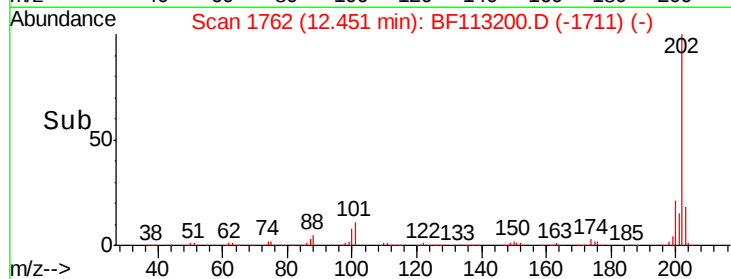
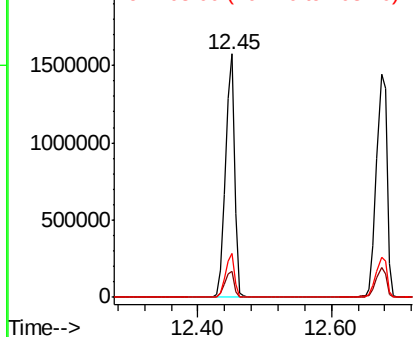
#75
 Fluoranthene
 Concen: 39.558 ng
 RT: 12.45 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

Tgt Ion: 202 Resp: 1528744
 Ion Ratio Lower Upper
 202 100
 101 10.7 0.0 33.8
 203 17.9 0.0 38.4

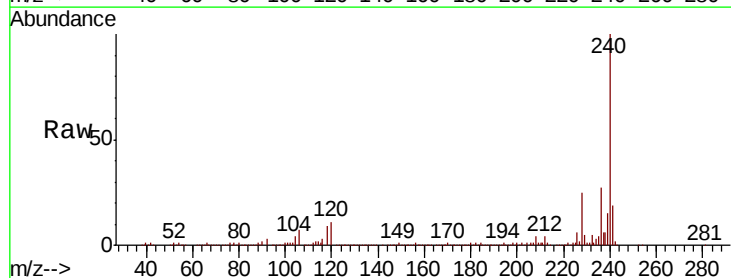


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

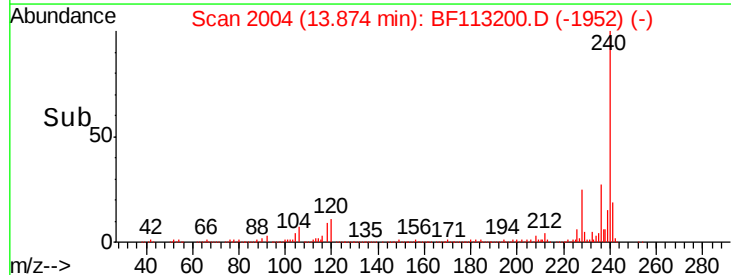
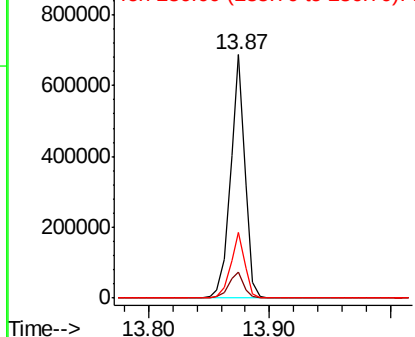


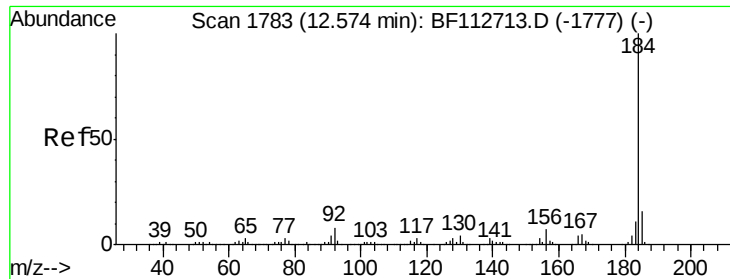
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion: 240 Resp: 566524
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.9 13.3
 236 26.8 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: 21.036 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

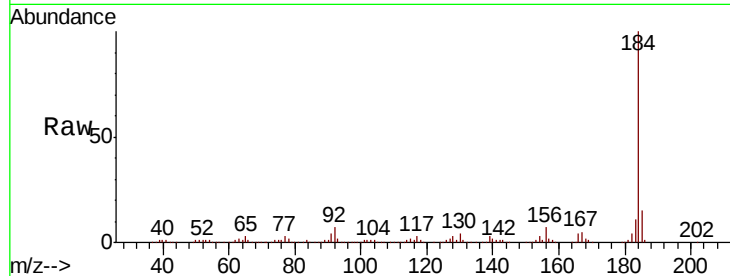
Tgt Ion:184 Resp: 618293

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

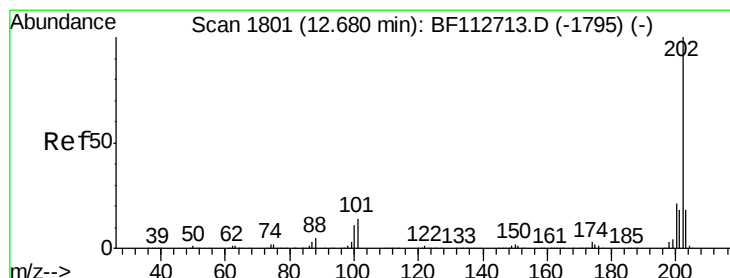
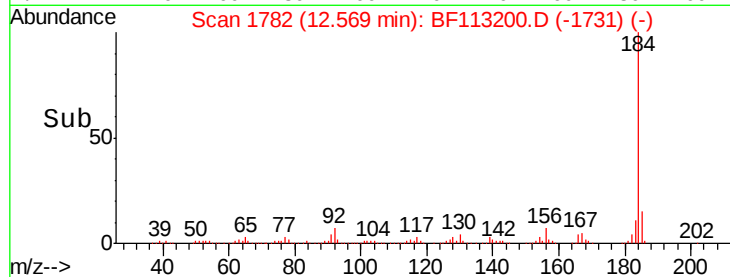
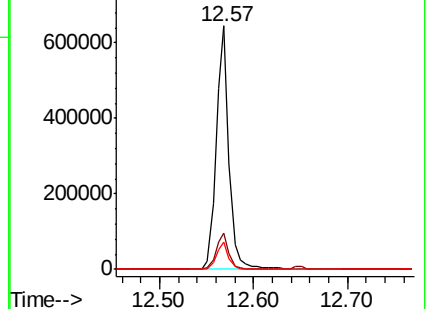
183 11.0 8.6 12.8



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: 32.195 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

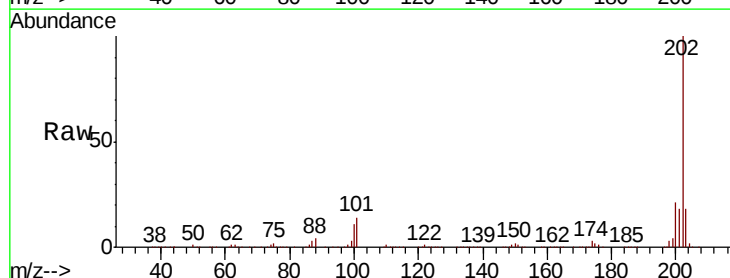
Tgt Ion:202 Resp: 1537595

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

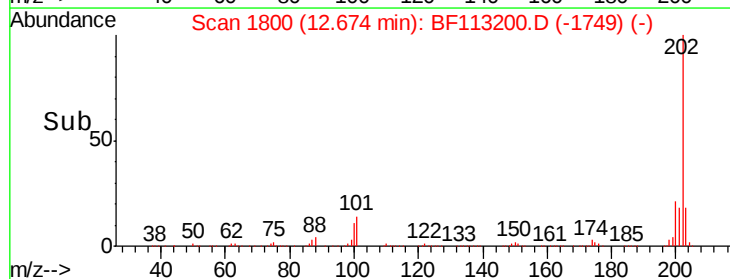
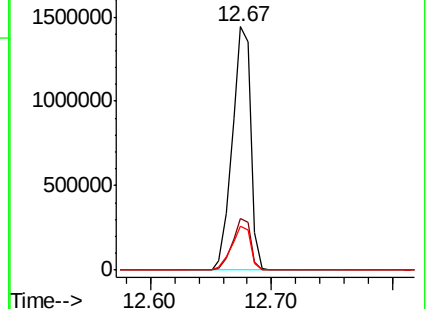
203 18.3 14.4 21.6

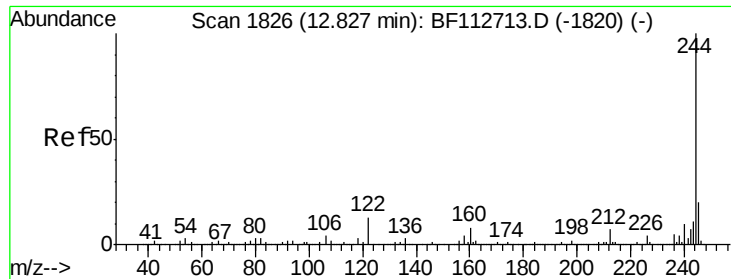


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

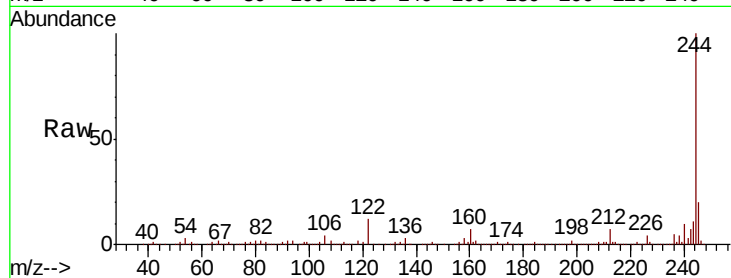




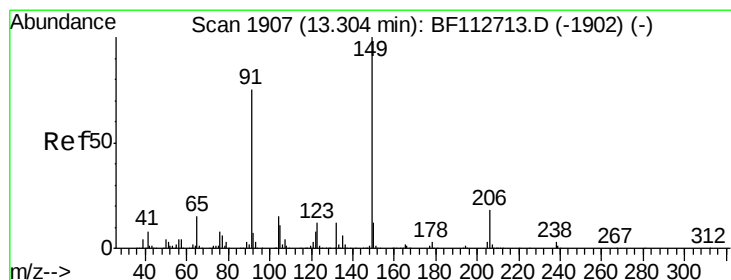
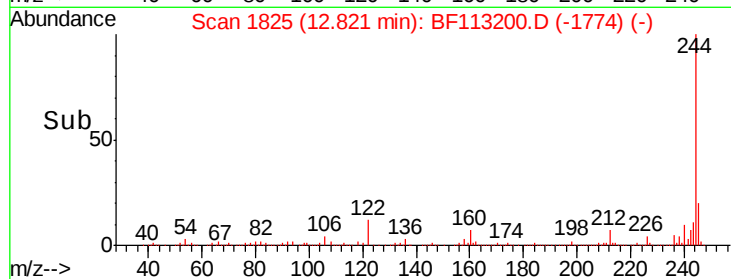
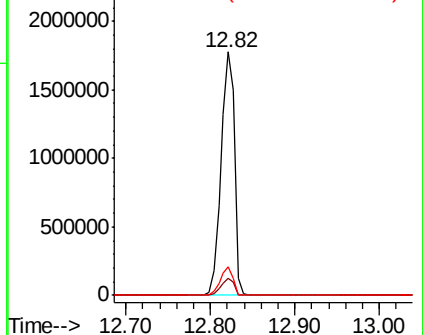
#79
 Terphenyl-d14
 Concen: 67.884 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BS

Tgt Ion:244 Resp: 1983898
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.9 10.5 15.7

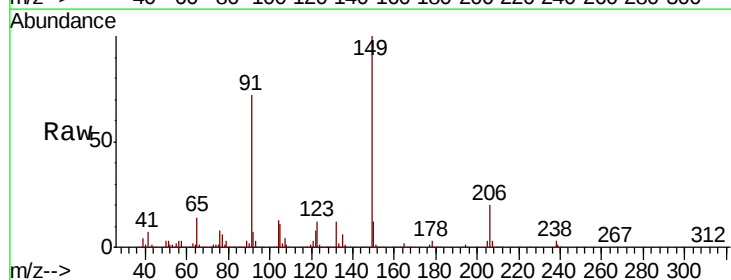


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

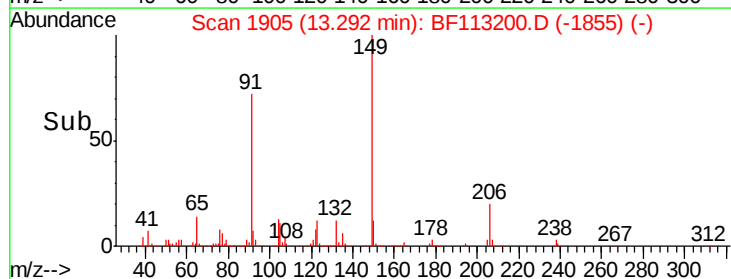
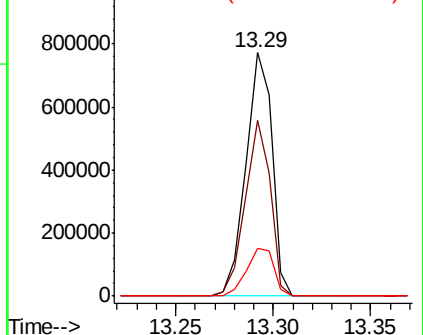


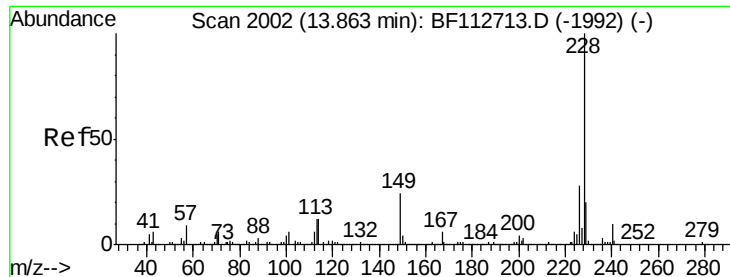
#80
 Butylbenzylphthalate
 Concen: 34.190 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF113200.D
 Acq: 21 Mar 2019 11:11

Tgt Ion:149 Resp: 720766
 Ion Ratio Lower Upper
 149 100
 91 72.2 59.9 89.9
 206 19.7 14.7 22.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 31.867 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

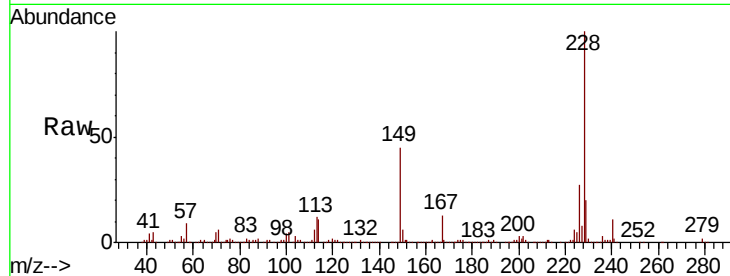
Tgt Ion:228 Resp: 1251227

Ion Ratio Lower Upper

228 100

226 27.4 22.2 33.4

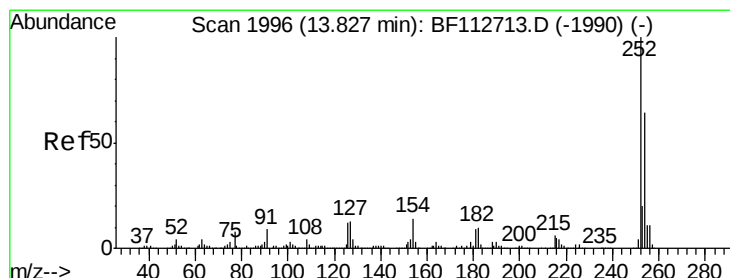
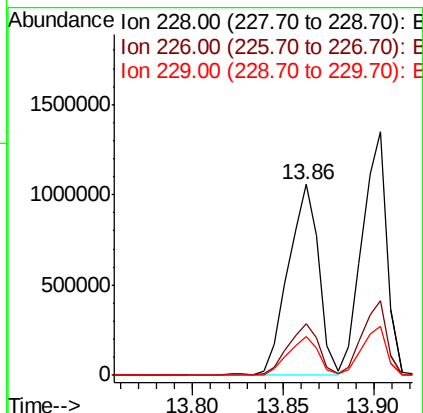
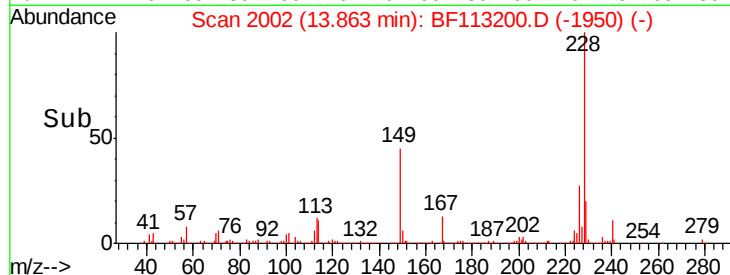
229 20.1 16.0 24.0



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: 29.198 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

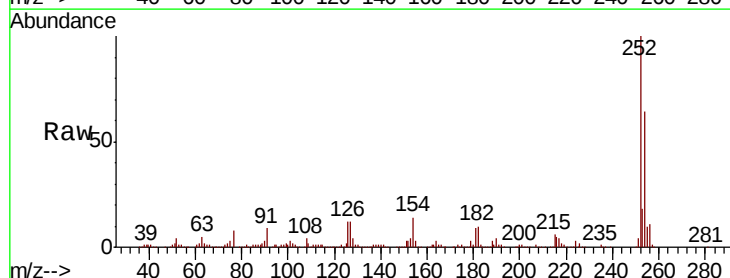
Tgt Ion:252 Resp: 433586

Ion Ratio Lower Upper

252 100

254 63.8 51.1 76.7

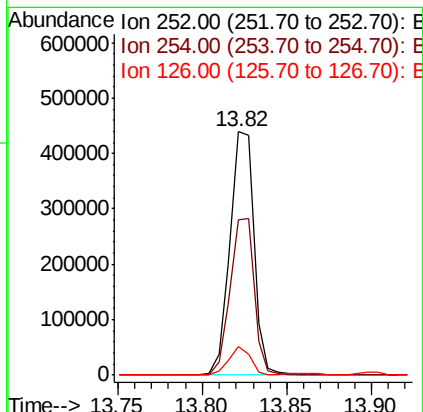
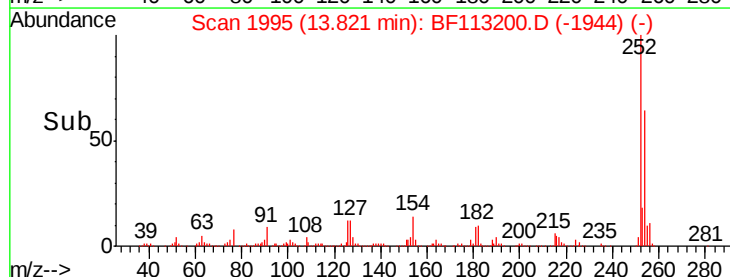
126 11.7 9.9 14.9

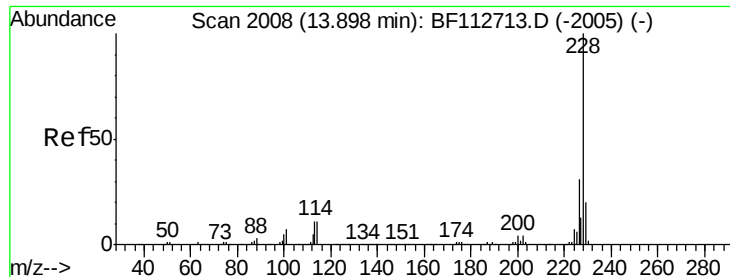


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 33.389 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

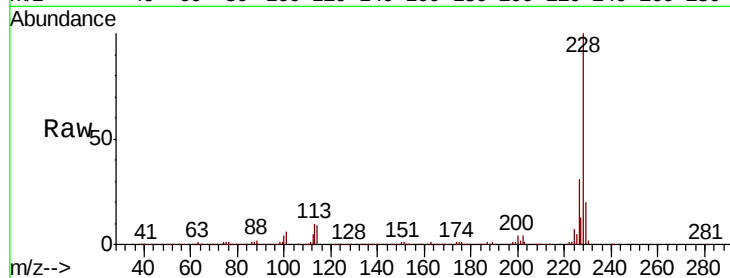
Tgt Ion:228 Resp: 1284149

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

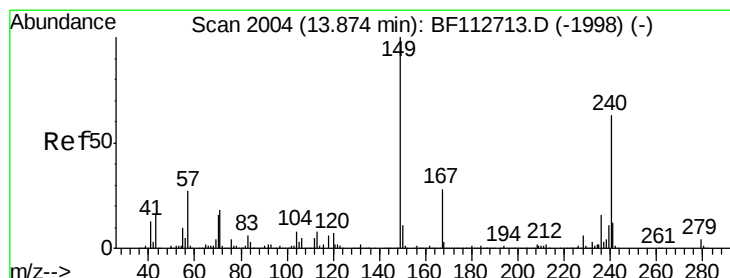
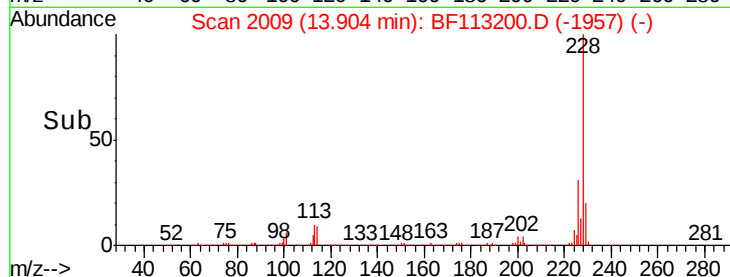
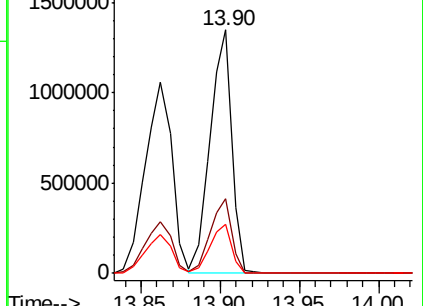
229 20.0 16.3 24.5



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: 37.468 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

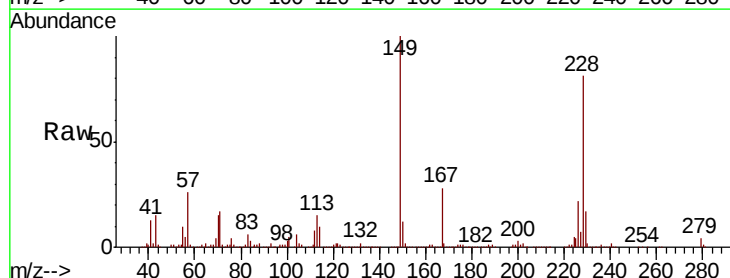
Tgt Ion:149 Resp: 926472

Ion Ratio Lower Upper

149 100

167 27.7 22.4 33.6

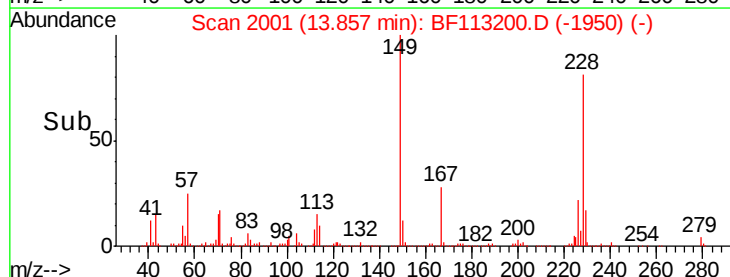
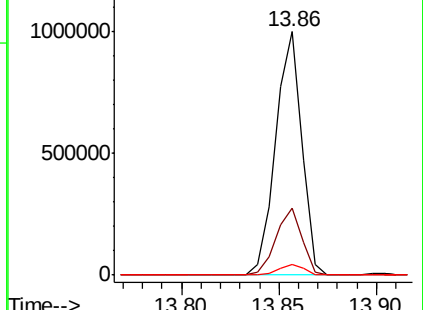
279 4.2 3.3 4.9

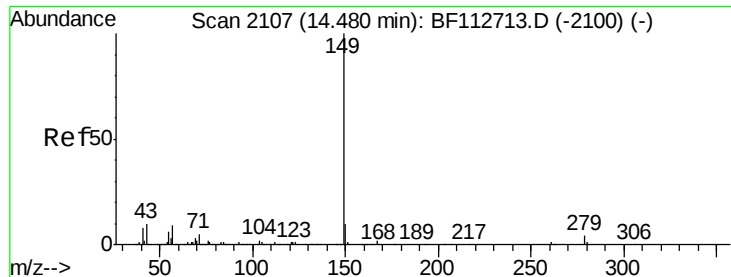


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.673 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

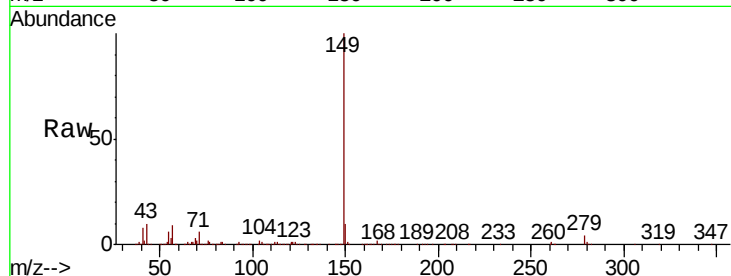
Tgt Ion:149 Resp: 1642038

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

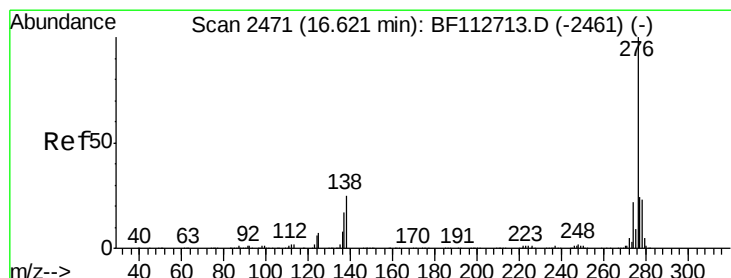
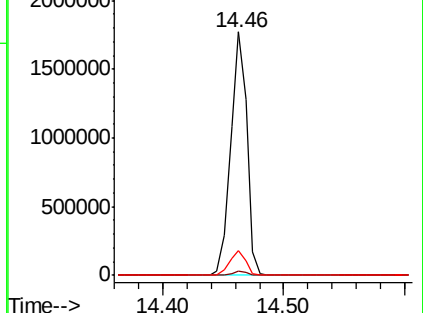
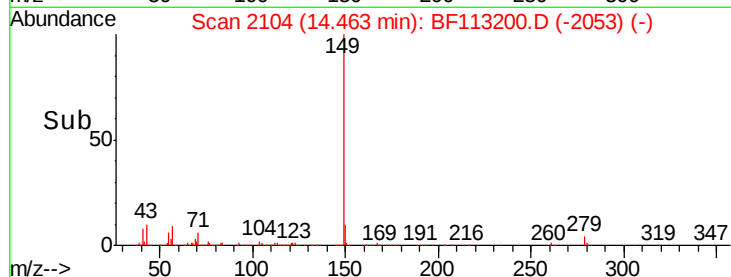
43 9.9 9.0 13.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.685 ng

RT: 16.65 min Scan# 2476

Delta R.T. 0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

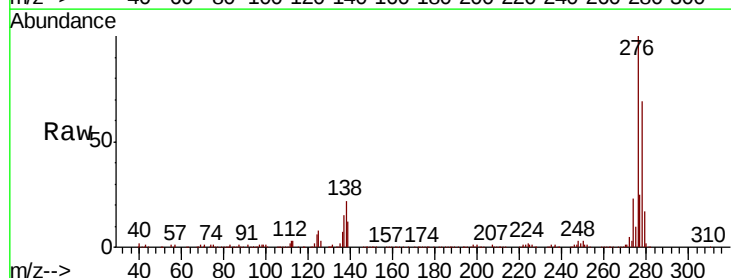
Tgt Ion:276 Resp: 1071680

Ion Ratio Lower Upper

276 100

138 22.7 23.2 34.8#

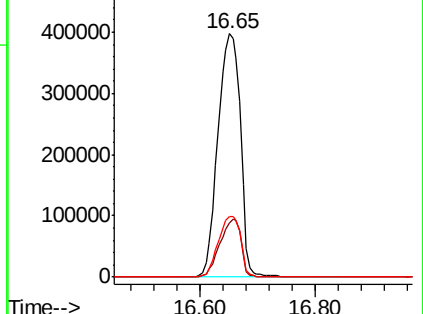
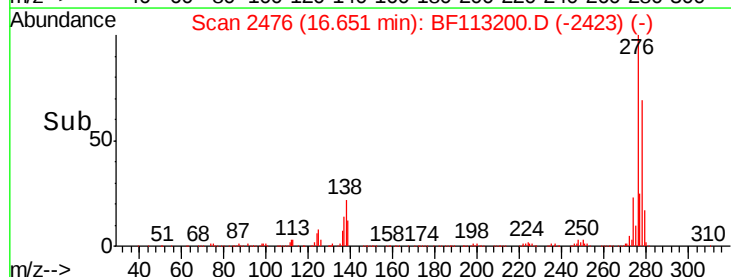
277 25.0 19.9 29.9

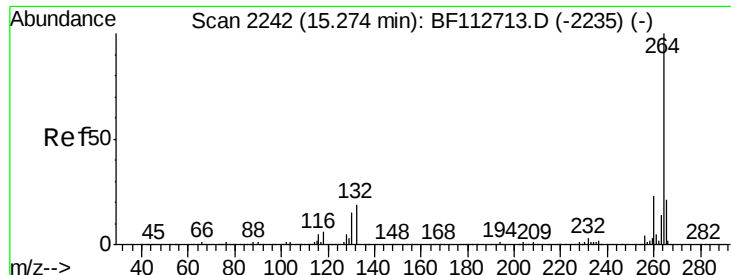


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



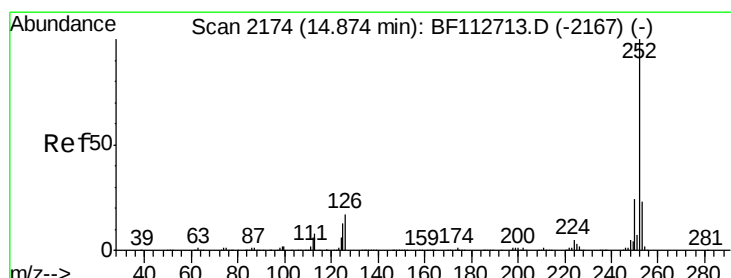
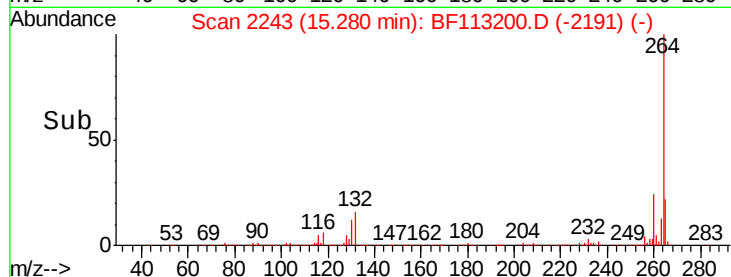
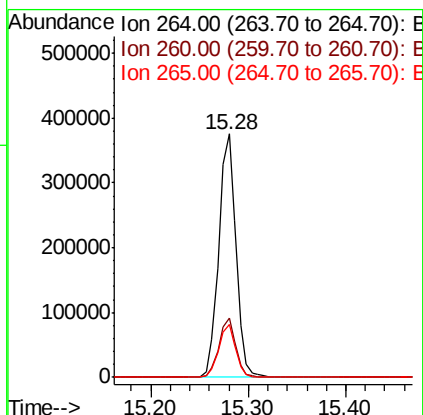
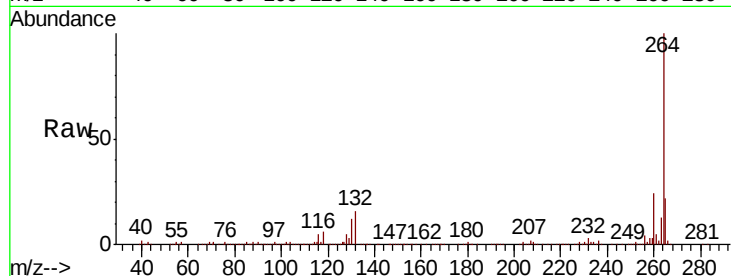


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Instrument :
BNA_F
ClientSampleId :
PB118085BS

Tgt Ion: 264 Resp: 460288

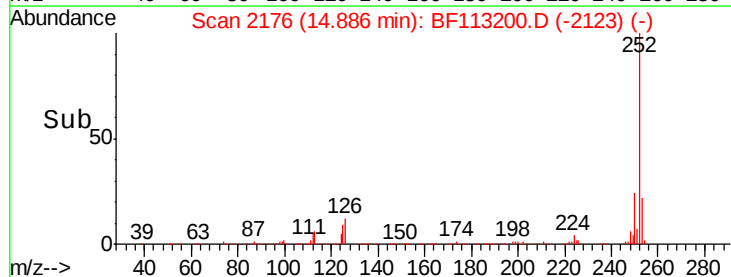
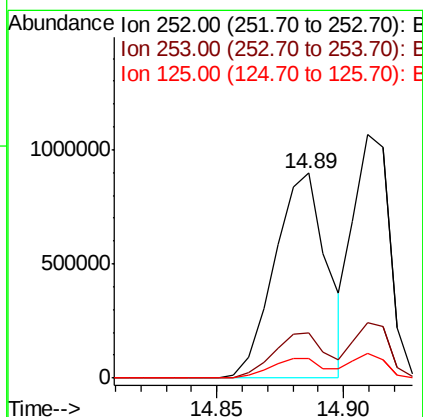
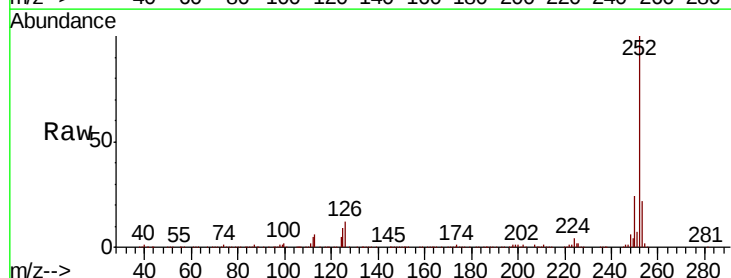
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.0	17.2	25.8

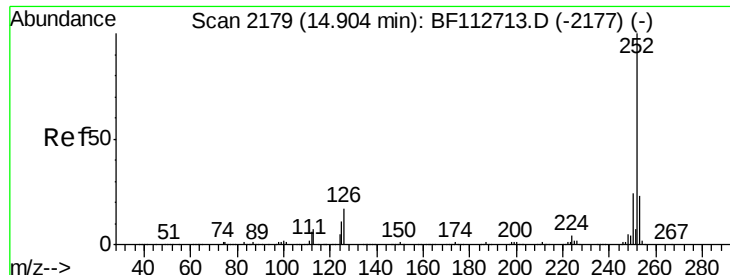


#88
Benzo(b)fluoranthene
Concen: 43.236 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF113200.D
Acq: 21 Mar 2019 11:11

Tgt Ion: 252 Resp: 1287266

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.5	10.2	15.2#





#89

Benzo(k)fluoranthene

Concen: 39.779 ng

RT: 14.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

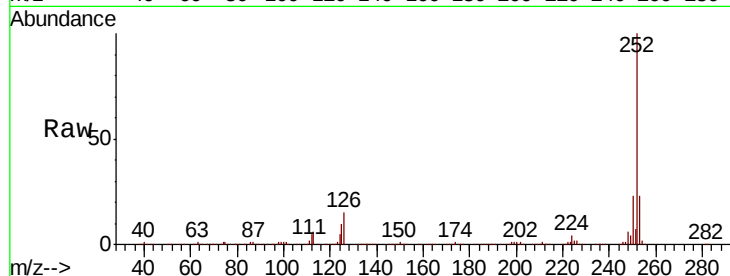
Tgt Ion:252 Resp: 1072767

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

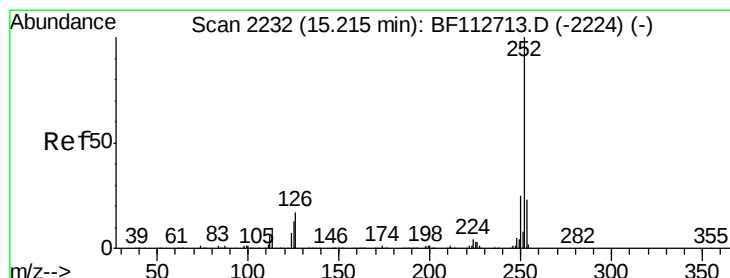
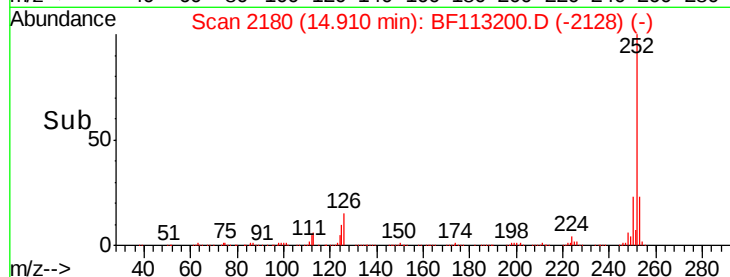
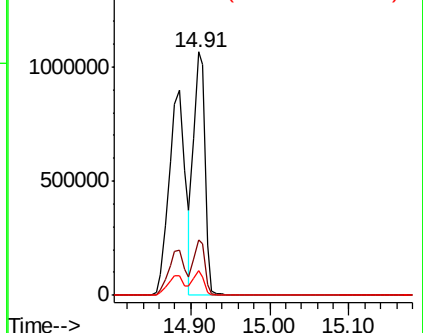
125 10.1 9.8 14.6



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: 41.603 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.01 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

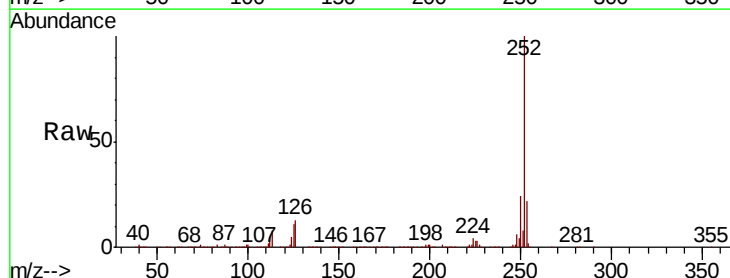
Tgt Ion:252 Resp: 1095581

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

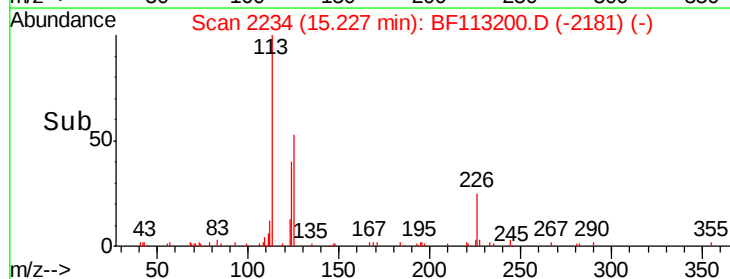
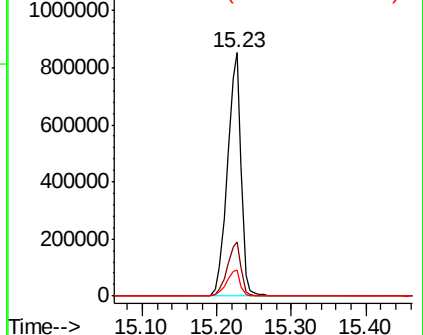
125 10.6 10.7 16.1#

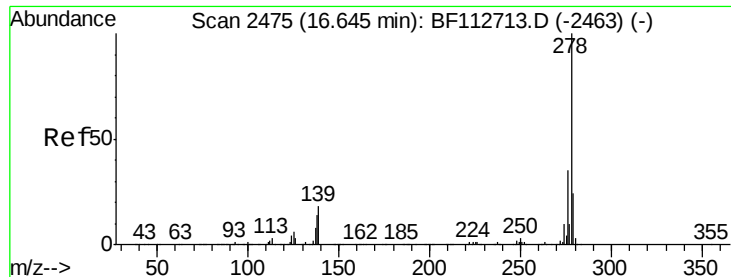


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.813 ng

RT: 16.67 min Scan# 2479

Delta R.T. 0.02 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

Instrument :

BNA_F

ClientSampleId :

PB118085BS

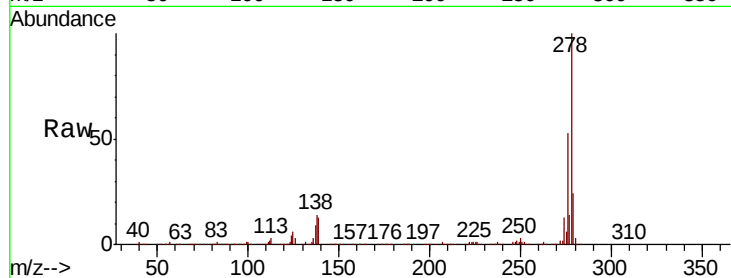
Tgt Ion:278 Resp: 894673

Ion Ratio Lower Upper

278 100

139 13.4 14.3 21.5#

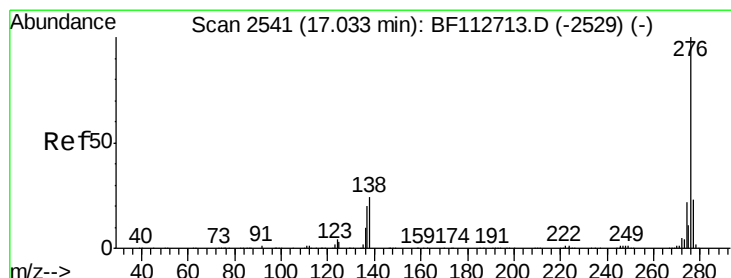
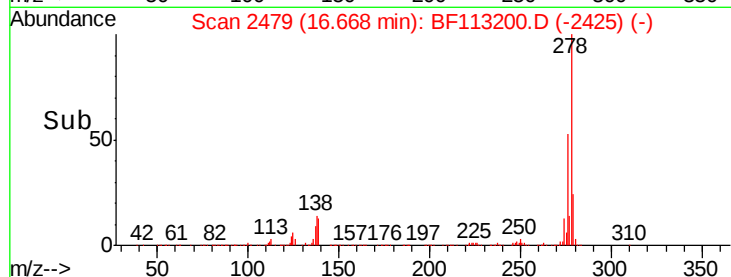
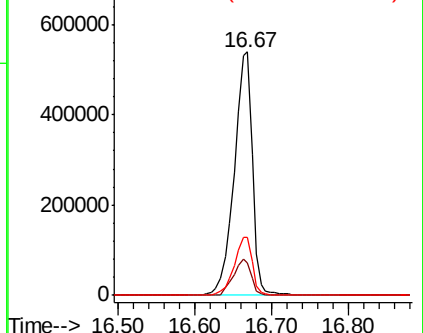
279 23.9 19.4 29.0



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



#92

Benzo(g,h,i)perylene

Concen: 38.993 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.02 min

Lab File: BF113200.D

Acq: 21 Mar 2019 11:11

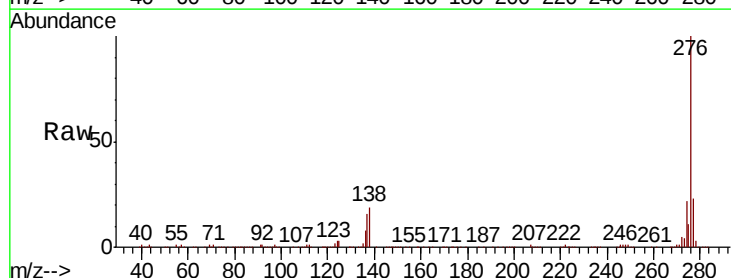
Tgt Ion:276 Resp: 879871

Ion Ratio Lower Upper

276 100

277 23.3 18.6 27.8

138 18.7 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

