

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113208.D
 Acq On : 21 Mar 2019 15:04
 Operator : JU/SJ
 Sample : K1688-37MSD 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

Quant Time: Mar 22 00:43:08 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	160367	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	623035	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	248667	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	467345	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	360525	20.00	ng	0.00
87) Perylene-d12	15.28	264	317347	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	113878	11.05	ng	-0.02
7) Phenol-d6	6.36	99	152796	11.80	ng	-0.01
23) Nitrobenzene-d5	7.28	82	98276	9.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	42299	16.02	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	193500	9.22	ng	-0.01
79) Terphenyl-d14	12.81	244	163957	8.82	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	13197	2.554	ng	88
4) n-Nitrosodimethylamine	3.00	42	14089	2.330	ng	# 86
8) 2-Chlorophenol	6.51	128	41562	3.622	ng	90
10) Phenol	6.37	94	49513	3.276	ng	97
11) bis(2-Chloroethyl)ether	6.45	93	40052	3.453	ng	94
12) 1,3-Dichlorobenzene	6.66	146	42987	3.626	ng	96
13) 1,4-Dichlorobenzene	6.74	146	45074	3.791	ng	97
14) 1,2-Dichlorobenzene	6.89	146	43197	3.963	ng	96
15) Benzyl Alcohol	6.87	79	31570	3.197	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	64032	3.308	ng	87
17) 2-Methylphenol	6.99	107	32683	3.511	ng	98
18) Hexachloroethane	7.23	117	14117	3.100	ng	94
19) n-Nitroso-di-n-propylamine	7.13	70	28829	3.515	ng	98
20) 3+4-Methylphenols	7.15	107	41231	3.923	ng	# 68
22) Acetophenone	7.13	105	58640	4.025	ng	# 86
24) Nitrobenzene	7.30	77	40808	3.521	ng	97
25) Isophorone	7.54	82	83546	3.725	ng	99
26) 2-Nitrophenol	7.62	139	19076	3.954	ng	99
27) 2,4-Dimethylphenol	7.67	122	38785	4.322	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	52643	3.754	ng	98
29) 2,4-Dichlorophenol	7.87	162	35987	4.135	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	39023	4.173	ng	95
31) Naphthalene	8.03	128	127227	4.113	ng	98
32) Benzoic acid	7.67	122	38785	6.166	ng	# 12
34) Hexachlorobutadiene	8.15	225	23610	4.477	ng	98
35) Caprolactam	8.40	113	10375	3.385	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	36166	3.755	ng	98
37) 2-Methylnaphthalene	8.72	142	88426	4.427	ng	97
38) 1-Methylnaphthalene	8.82	142	79360	4.101	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	39997	5.516	ng	# 97
43) 2,4,6-Trichlorophenol	9.00	196	25298	5.069	ng	98
44) 2,4,5-Trichlorophenol	9.05	196	24753	4.589	ng	98
46) 1,1'-Biphenyl	9.18	154	89158	4.396	ng	95
47) 2-Chloronaphthalene	9.20	162	65552	4.139	ng	94

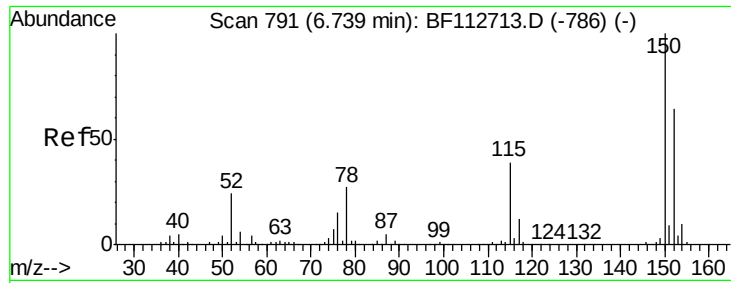
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Nitroaniline	9.30	65	18977	3.942	ng	96
49) Acenaphthylene	9.62	152	106863	3.975	ng	95
50) Dimethylphthalate	9.47	163	89952	4.906	ng	99
51) 2,6-Dinitrotoluene	9.53	165	15543	4.071	ng	90
52) Acenaphthene	9.79	154	61694	3.924	ng	97
53) 3-Nitroaniline	9.71	138	13326	2.864	ng	98
55) Dibenzofuran	9.96	168	96514	4.223	ng	98
56) 4-Nitrophenol	9.89	139	19516	5.161	ng	96
57) 2,4-Dinitrotoluene	9.95	165	18916	3.986	ng #	88
58) Fluorene	10.30	166	73673	4.542	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.09	232	18290	4.070	ng #	97
60) Diethylphthalate	10.17	149	79091	4.084	ng	98
61) 4-Chlorophenyl-phenylether	10.29	204	36340	4.816	ng	96
62) 4-Nitroaniline	10.31	138	17273	4.018	ng	99
63) Azobenzene	10.45	77	68268	3.442	ng	94
65) 4,6-Dinitro-2-methylphenol	10.36	198	618	4.904	ng	82
66) n-Nitrosodiphenylamine	10.41	169	65742	4.386	ng	98
67) 4-Bromophenyl-phenylether	10.78	248	21837	4.436	ng	95
68) Hexachlorobenzene	10.85	284	24250	4.370	ng #	92
69) Atrazine	10.93	200	20636	4.495	ng	98
70) Pentachlorophenol	11.05	266	16980	5.199	ng	94
71) Phenanthrene	11.26	178	106073	4.562	ng	97
72) Anthracene	11.31	178	103543	4.254	ng	97
73) Carbazole	11.47	167	94659	3.987	ng	96
74) Di-n-butylphthalate	11.80	149	126483	4.443	ng	98
75) Fluoranthene	12.45	202	112172	4.503	ng	95
78) Pyrene	12.67	202	113044	3.719	ng	100
80) Butylbenzylphthalate	13.29	149	45354	3.381	ng	93
81) Benzo(a)anthracene	13.85	228	93227	3.731	ng	97
82) 3,3'-Dichlorobenzidine	13.82	252	23639	2.501	ng	99
83) Chrysene	13.89	228	88549	3.618	ng	98
84) Bis(2-ethylhexyl)phthalate	13.85	149	64737	4.114	ng	99
85) Di-n-octyl phthalate	14.46	149	112347	4.158	ng #	94
86) Indeno(1,2,3-cd)pyrene	16.64	276	70681	3.387	ng #	93
88) Benzo(b)fluoranthene	14.87	252	81933	3.991	ng	98
89) Benzo(k)fluoranthene	14.90	252	80700	4.340	ng	94
90) Benzo(a)pyrene	15.22	252	74419	4.099	ng	96
91) Dibenzo(a,h)anthracene	16.65	278	58241	3.759	ng	98
92) Benzo(g,h,i)perylene	17.05	276	57044	3.667	ng #	92

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

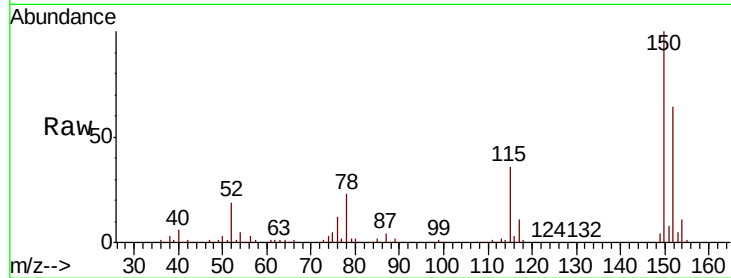


#1

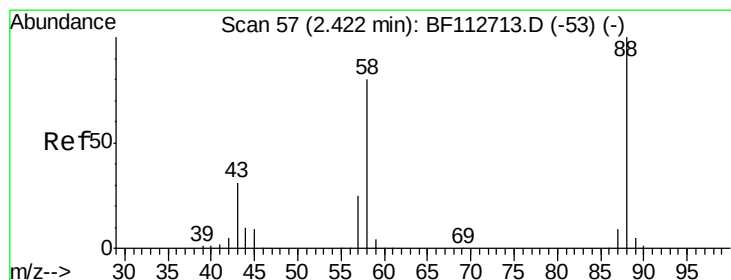
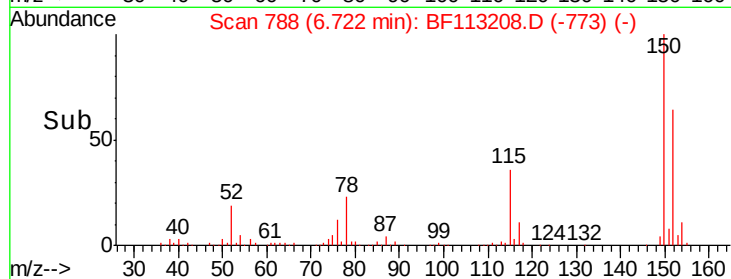
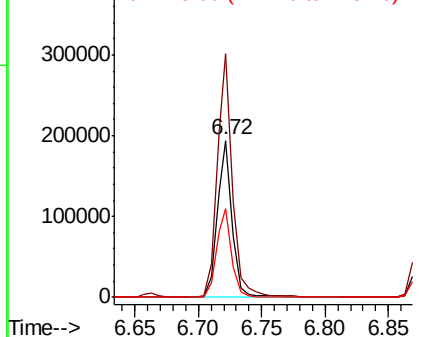
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

Tgt Ion:152 Resp: 160367
Ion Ratio Lower Upper
152 100
150 155.4 124.2 186.2
115 56.7 48.2 72.4



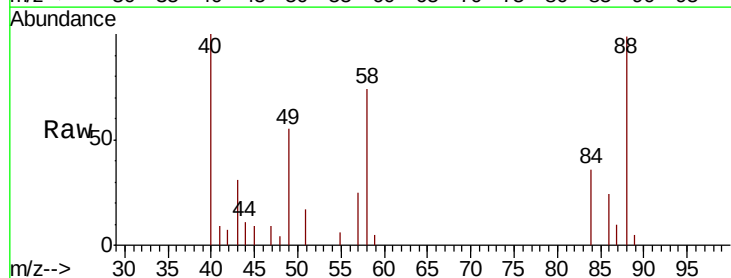
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



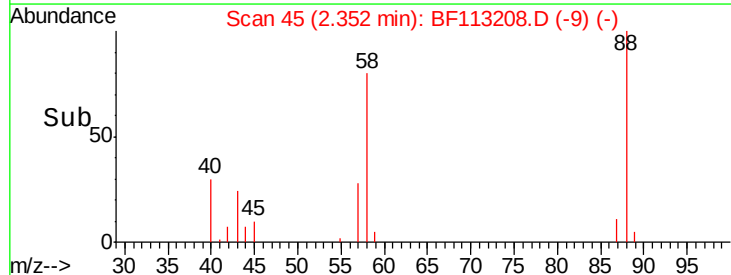
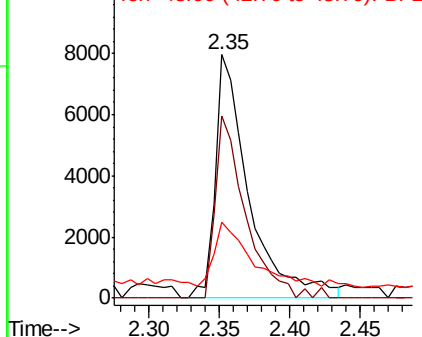
#2

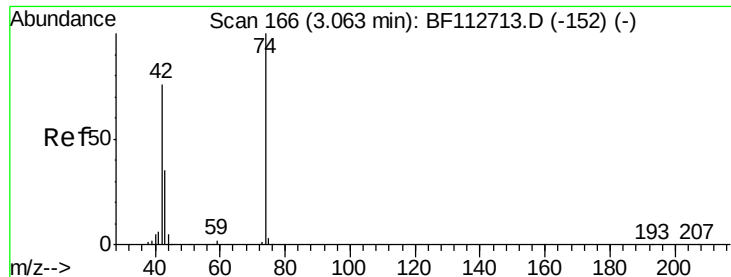
1,4-Dioxane
Concen: 2.554 ng
RT: 2.35 min Scan# 45
Delta R.T. -0.09 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Tgt Ion: 88 Resp: 13197
Ion Ratio Lower Upper
88 100
58 65.8 63.1 94.7
43 28.6 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





#4

n-Nitrosodimethylamine

Concen: 2.330 ng

RT: 3.00 min Scan# 155

Delta R.T. -0.09 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

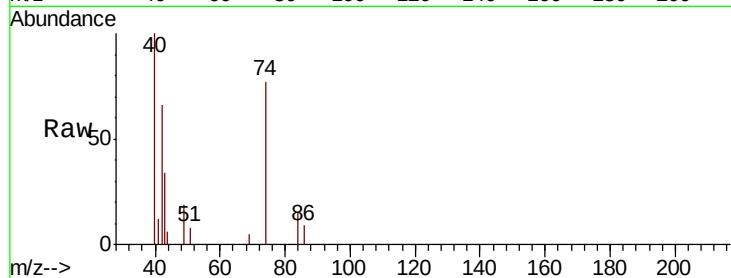
Tgt Ion: 42 Resp: 14089

Ion Ratio Lower Upper

42 100

74 115.7 105.8 158.8

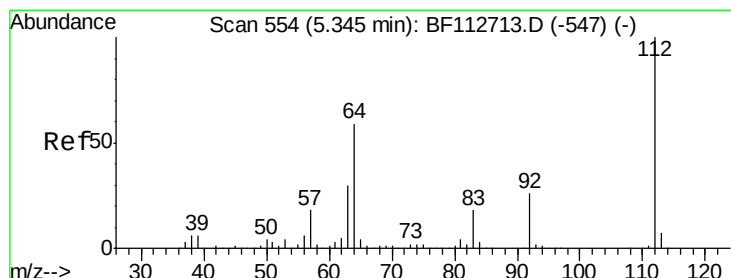
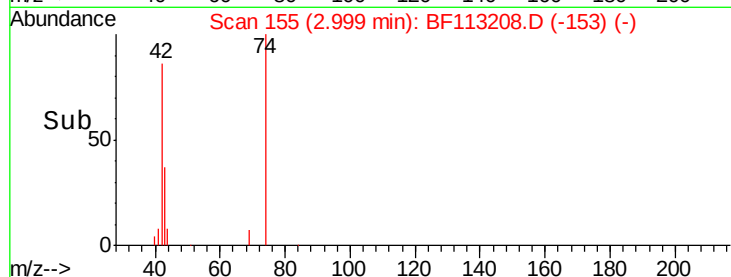
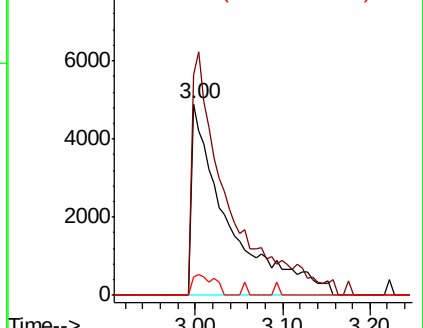
44 9.5 6.2 9.2#



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: 11.046 ng

RT: 5.33 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

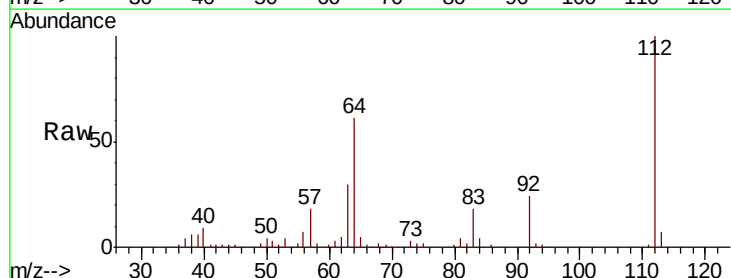
Tgt Ion: 112 Resp: 113878

Ion Ratio Lower Upper

112 100

64 60.6 47.6 71.4

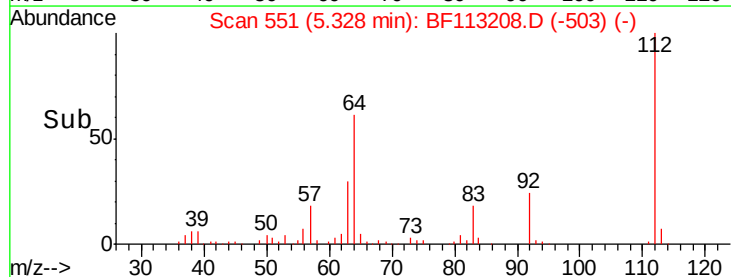
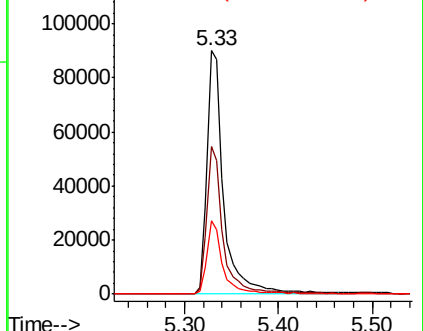
63 30.0 24.4 36.6

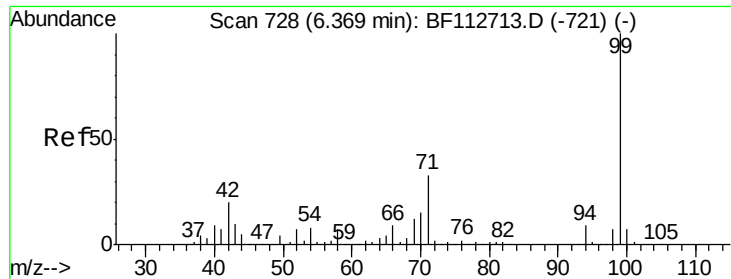


Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 11.799 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

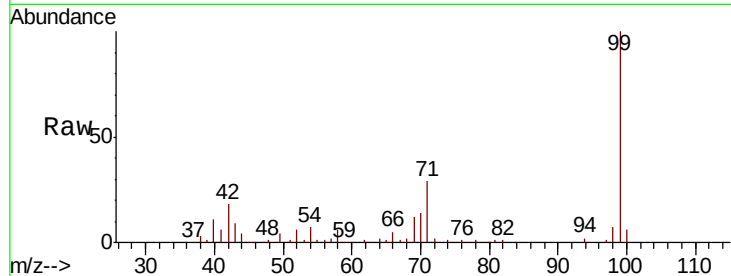
Tgt Ion: 99 Resp: 152796

Ion Ratio Lower Upper

99 100

42 17.7 16.3 24.5

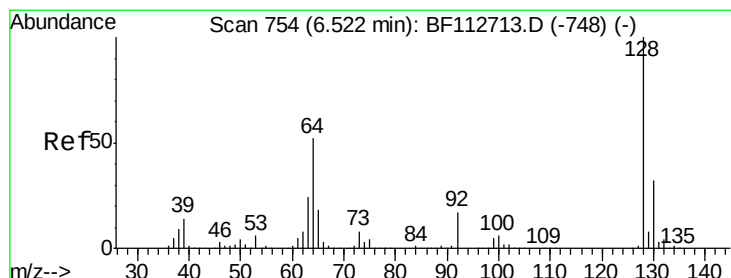
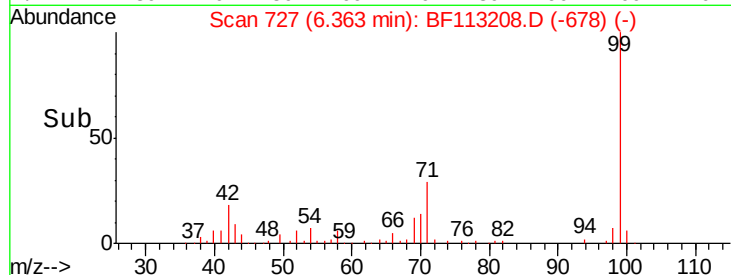
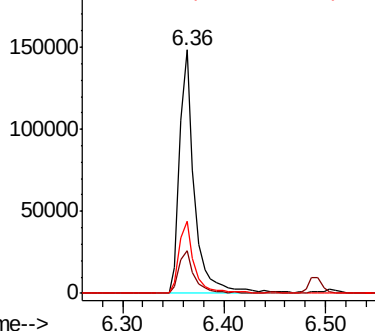
71 29.4 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 3.622 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

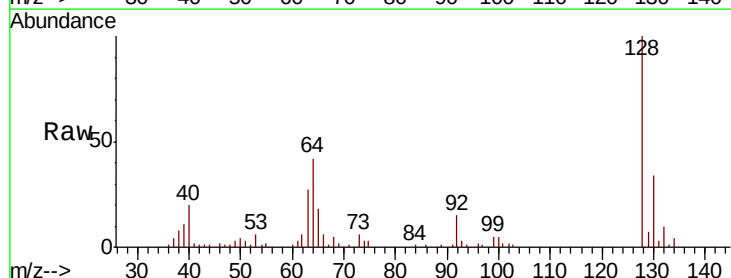
Tgt Ion: 128 Resp: 41562

Ion Ratio Lower Upper

128 100

130 33.6 12.4 52.4

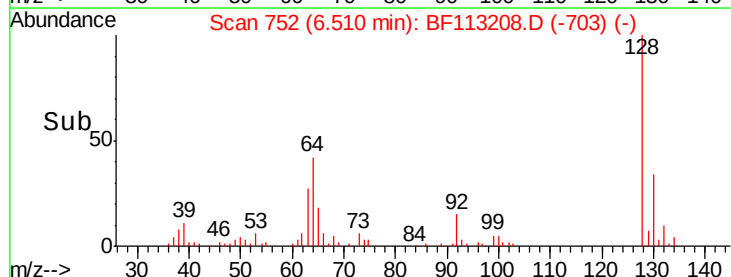
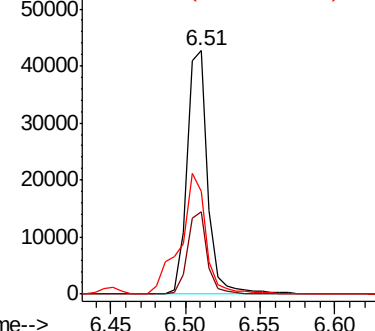
64 42.0 32.2 72.2

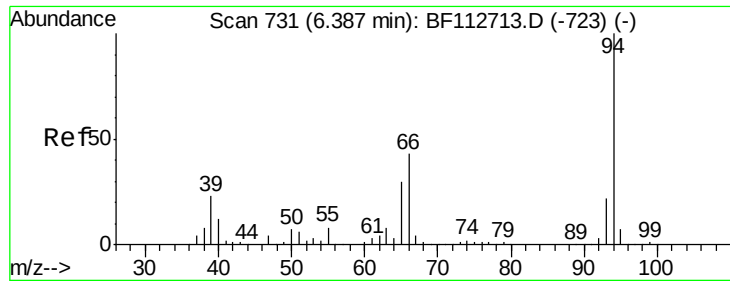


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#10

Phenol

Concen: 3.276 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

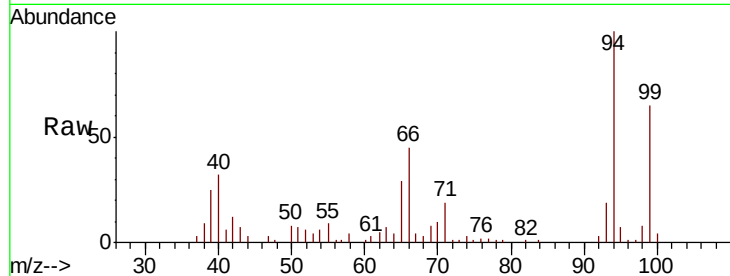
Tgt Ion: 94 Resp: 49513

Ion Ratio Lower Upper

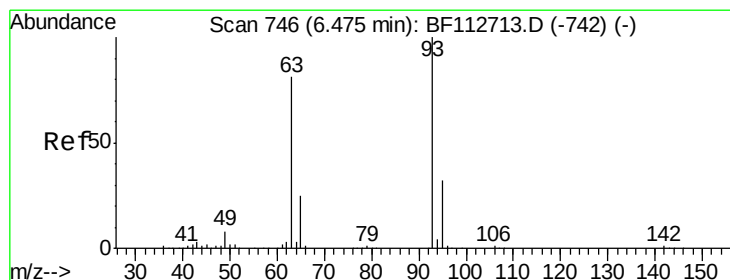
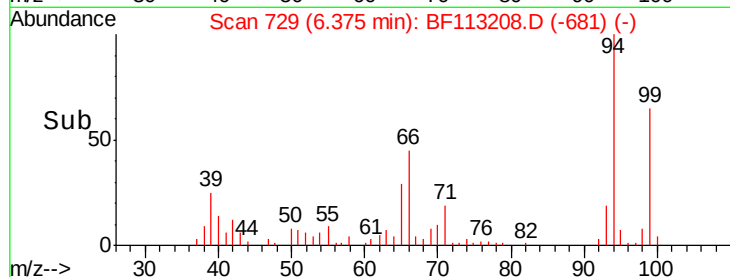
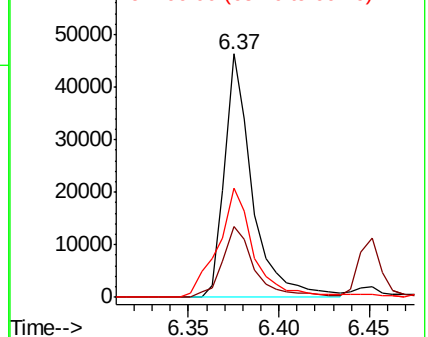
94 100

65 29.2 10.5 50.5

66 44.7 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#11

bis(2-Chloroethyl)ether

Concen: 3.453 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

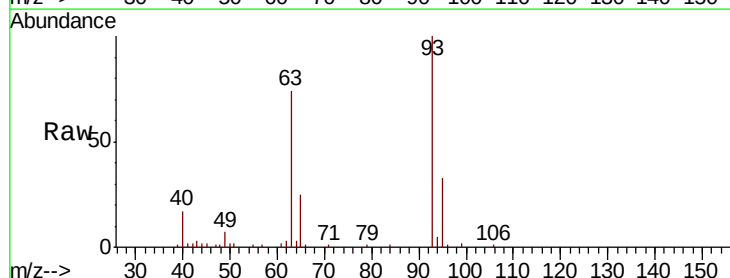
Tgt Ion: 93 Resp: 40052

Ion Ratio Lower Upper

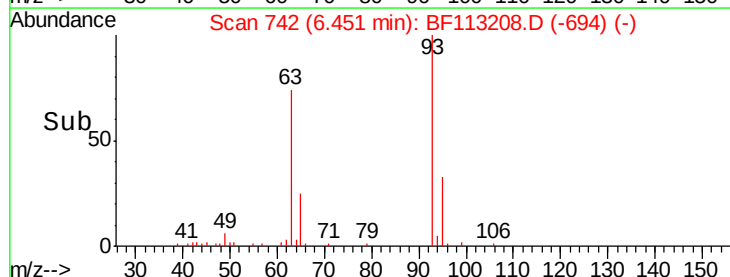
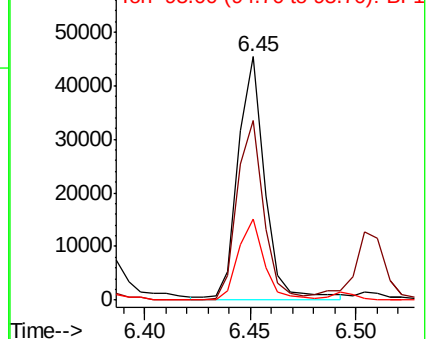
93 100

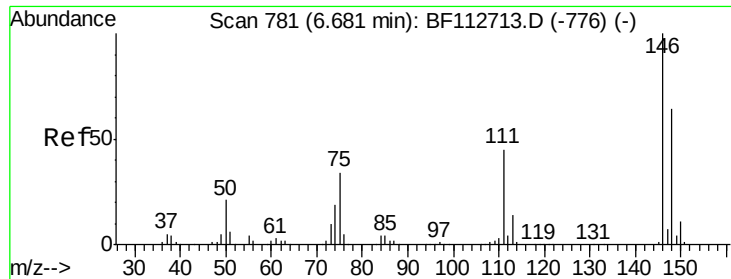
63 74.0 60.5 100.5

95 33.3 12.1 52.1



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

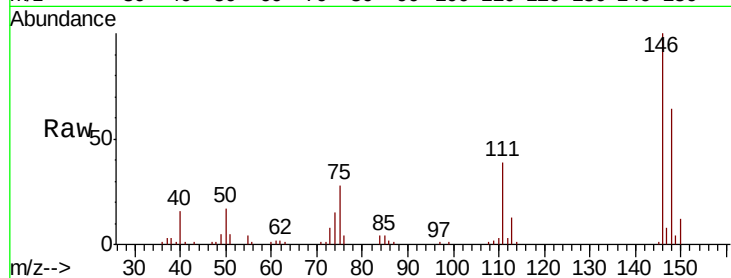




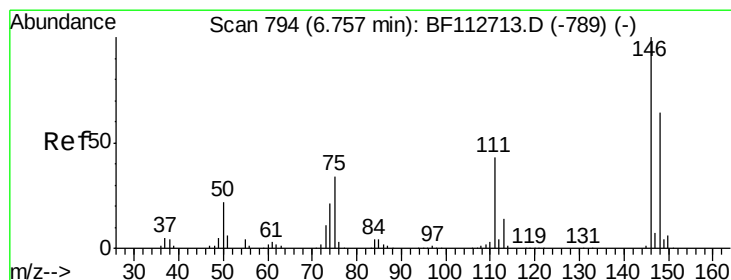
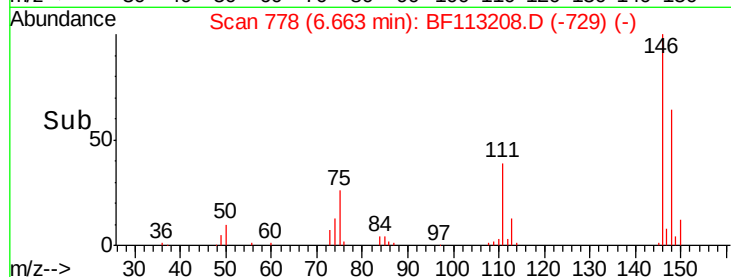
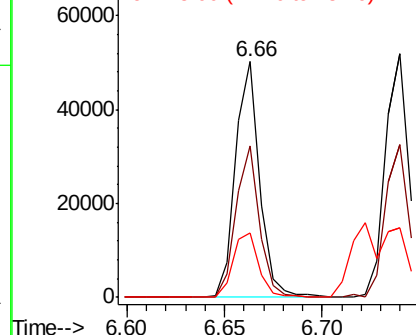
#12
 1,3-Dichlorobenzene
 Concen: 3.626 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

Tgt Ion:146 Resp: 42987
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.9 76.3
 75 27.6 26.9 40.3

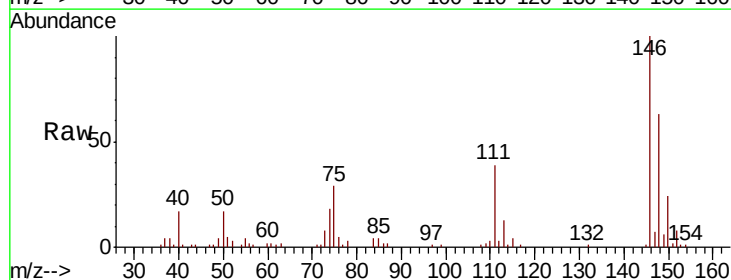


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

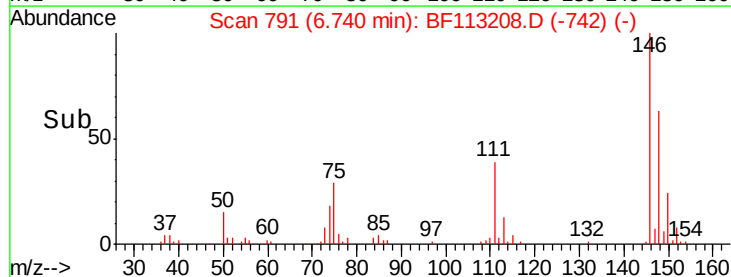
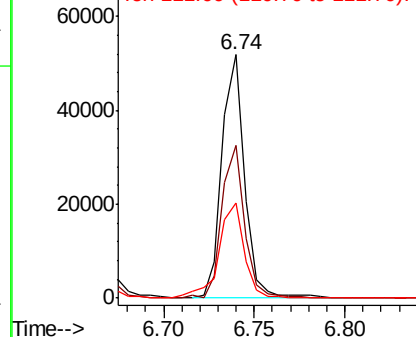


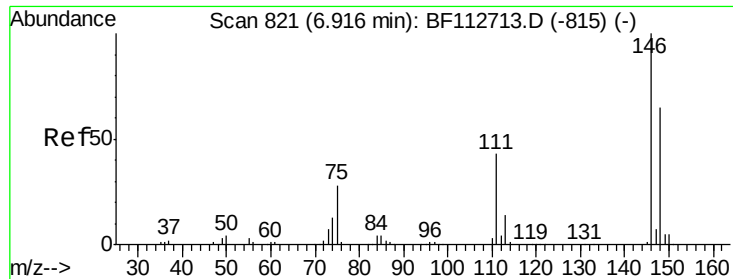
#13
 1,4-Dichlorobenzene
 Concen: 3.791 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

Tgt Ion:146 Resp: 45074
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.0 76.4
 111 39.1 34.5 51.7



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

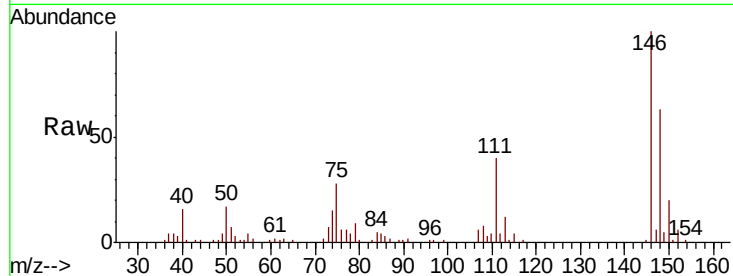




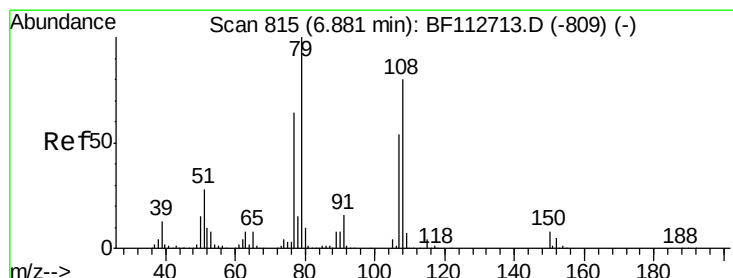
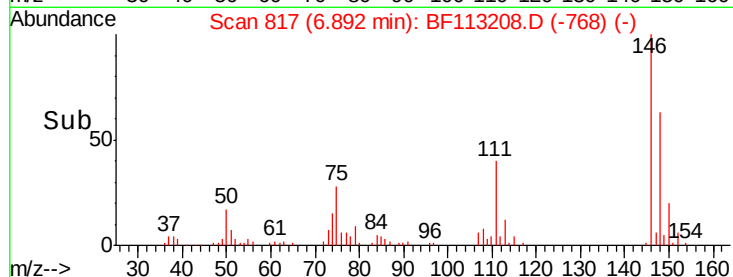
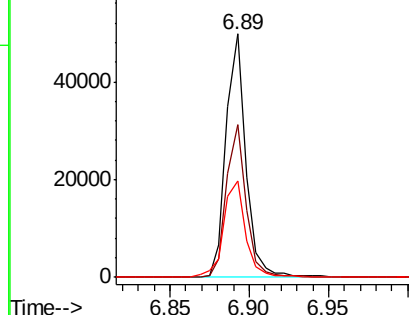
#14
1,2-Dichlorobenzene
Concen: 3.963 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

Tgt Ion: 146 Resp: 43197
Ion Ratio Lower Upper
146 100
148 62.6 52.0 78.0
111 39.7 34.8 52.2

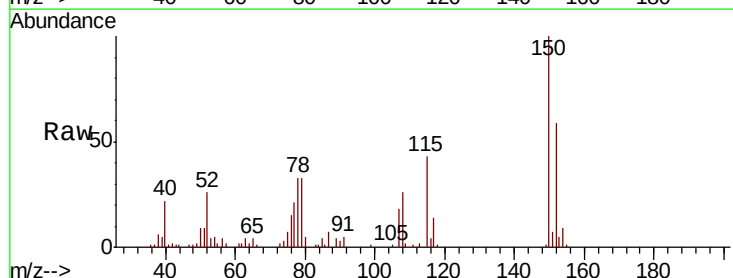


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

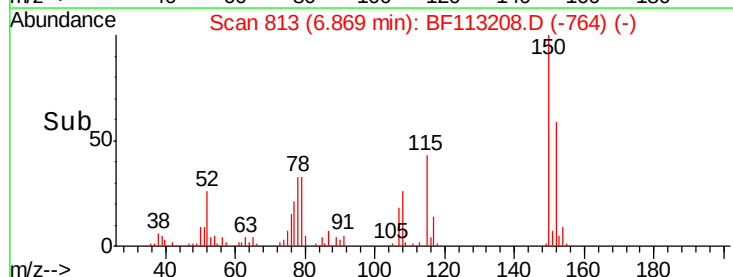
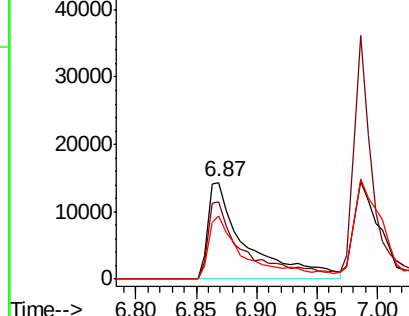


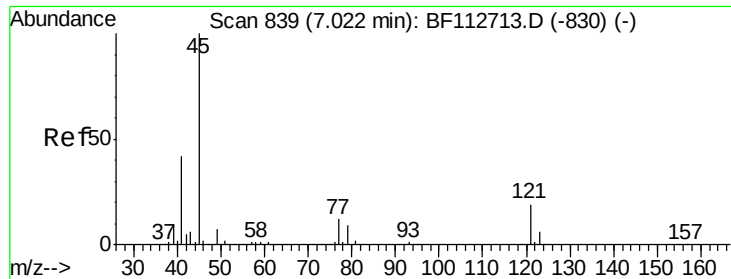
#15
Benzyl Alcohol
Concen: 3.197 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Tgt Ion: 79 Resp: 31570
Ion Ratio Lower Upper
79 100
108 80.3 64.2 96.4
77 65.3 51.1 76.7



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

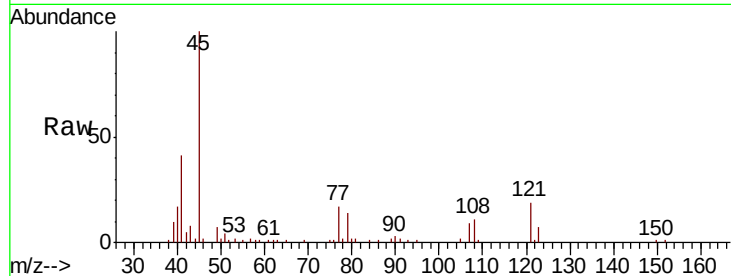




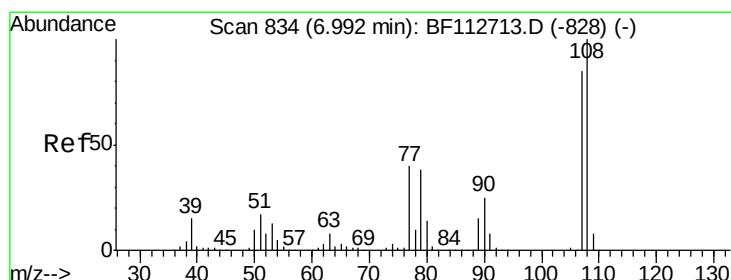
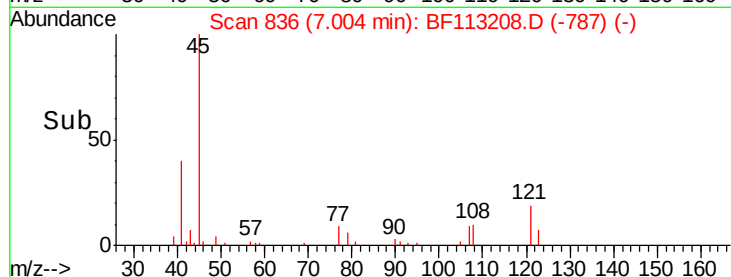
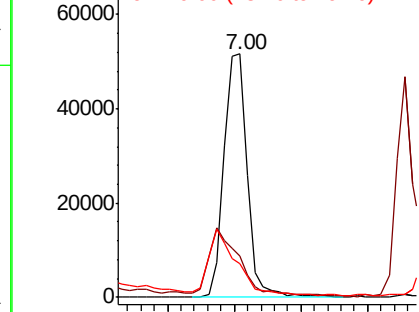
#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.308 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

Tgt Ion: 45 Resp: 64032
Ion Ratio Lower Upper
45 100
77 17.0 0.0 32.1
79 14.1 0.0 29.4

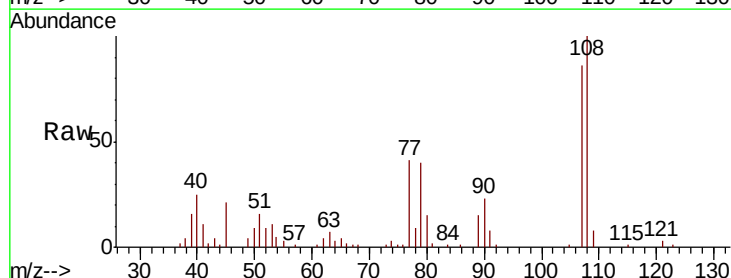


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

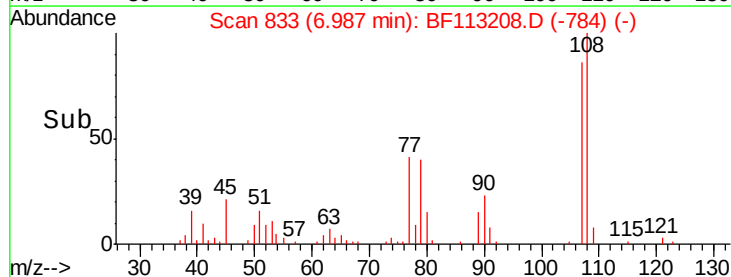
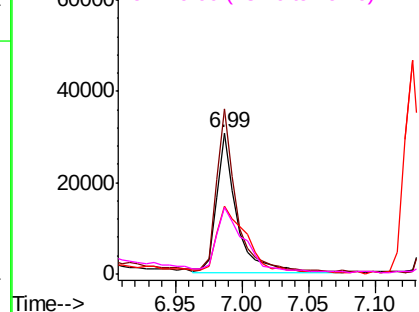


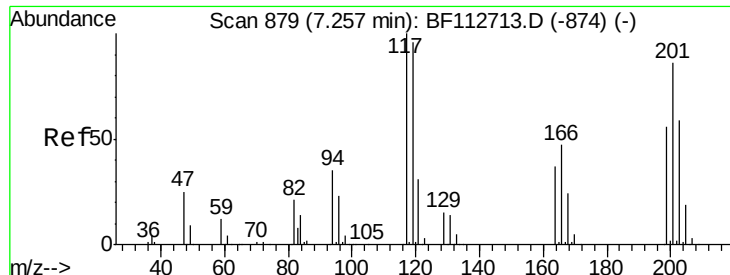
#17
2-Methylphenol
Concen: 3.511 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Tgt Ion: 107 Resp: 32683
Ion Ratio Lower Upper
107 100
108 116.7 94.6 142.0
77 47.9 37.8 56.8
79 46.8 36.2 54.2



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





#18

Hexachloroethane

Concen: 3.100 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

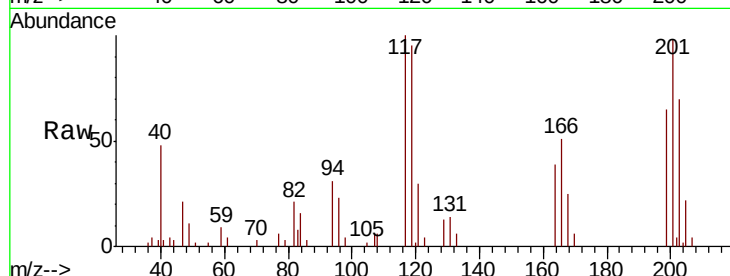
Tgt Ion: 117 Resp: 14117

Ion Ratio Lower Upper

117 100

119 95.5 76.6 115.0

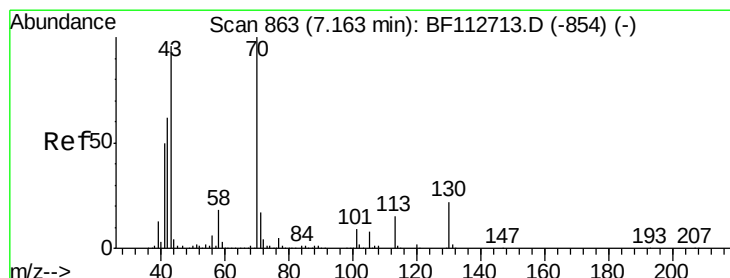
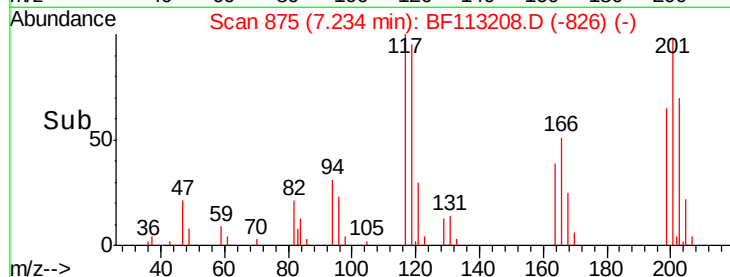
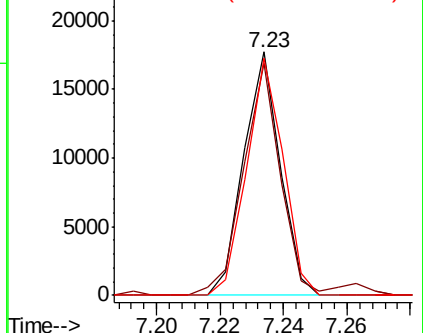
201 97.5 68.9 103.3



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 3.515 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.03 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

Tgt Ion: 70 Resp: 28829

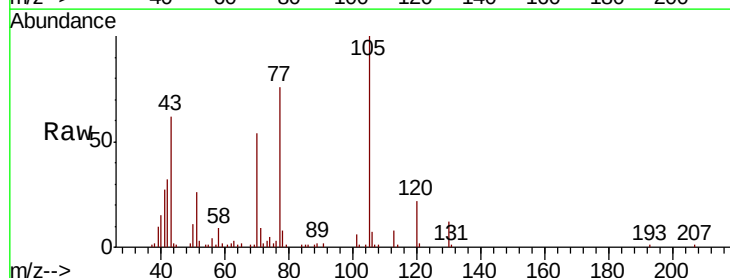
Ion Ratio Lower Upper

70 100

42 60.1 49.9 74.9

101 10.3 7.4 11.2

130 22.1 17.4 26.2

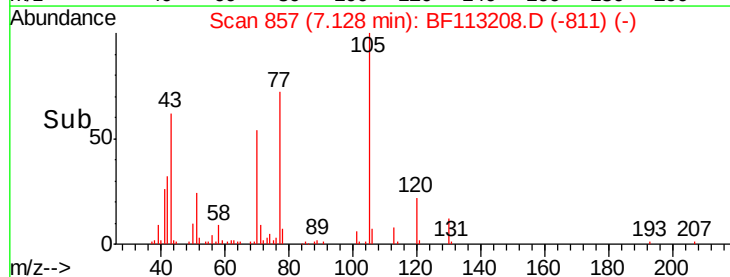
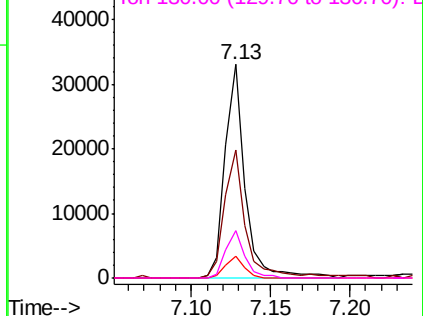


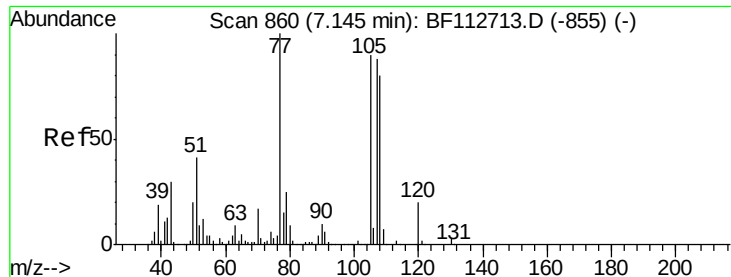
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

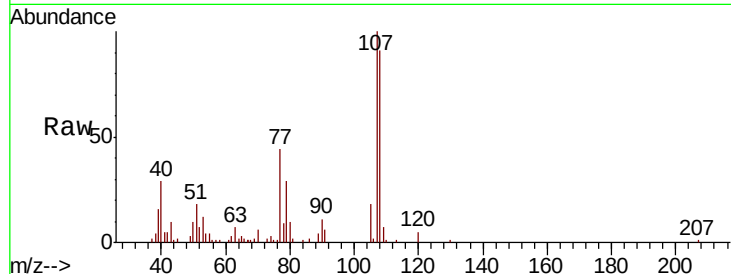




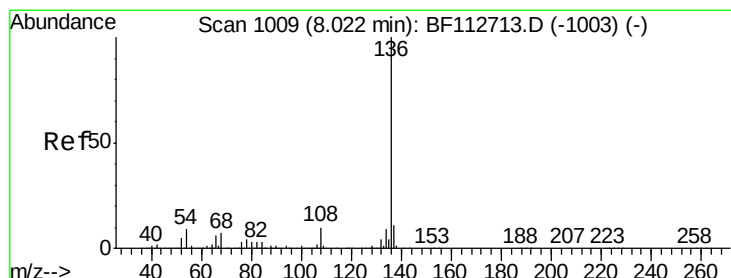
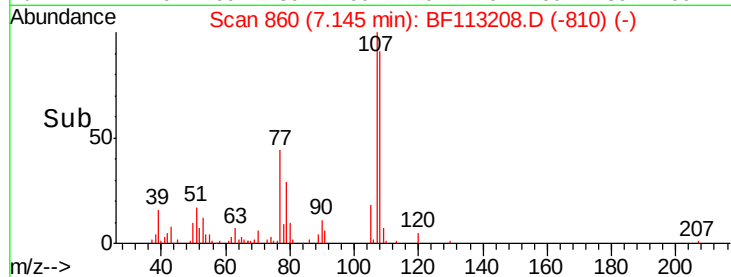
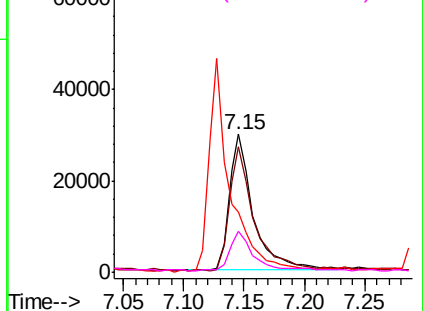
#20
3+4-Methylphenols
Concen: 3.923 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

Tgt Ion:107 Resp: 41231
Ion Ratio Lower Upper
107 100
108 91.3 71.4 111.4
77 43.6 94.1 134.1#
79 29.4 8.6 48.6

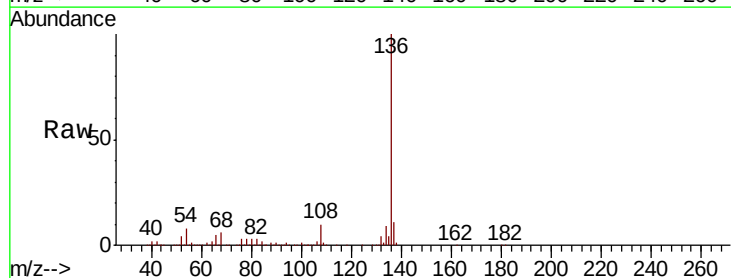


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

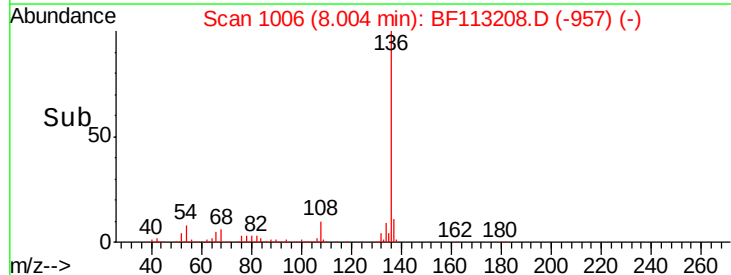
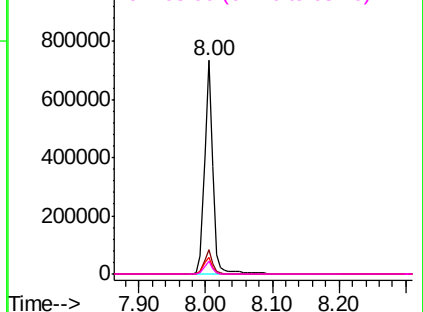


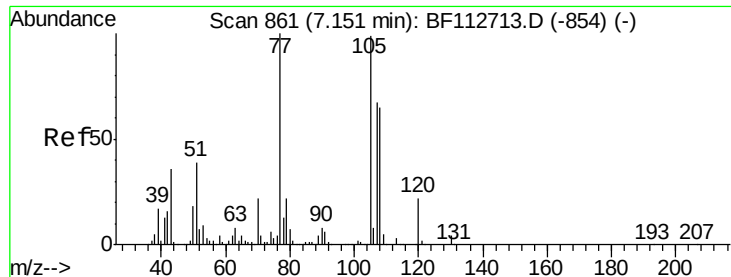
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Tgt Ion:136 Resp: 623035
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.1 7.3 10.9
68 5.9 5.4 8.2



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

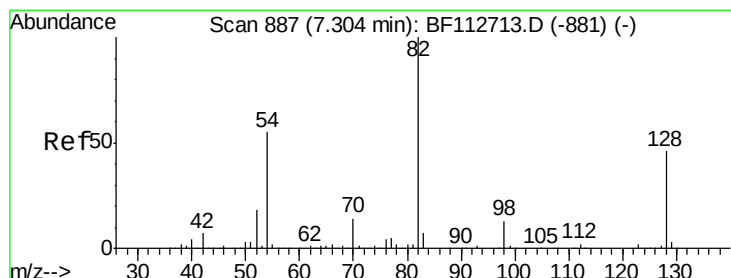
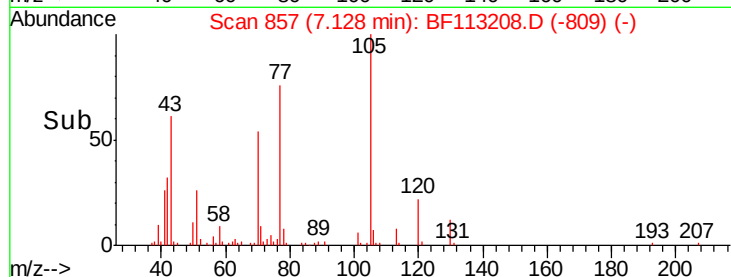
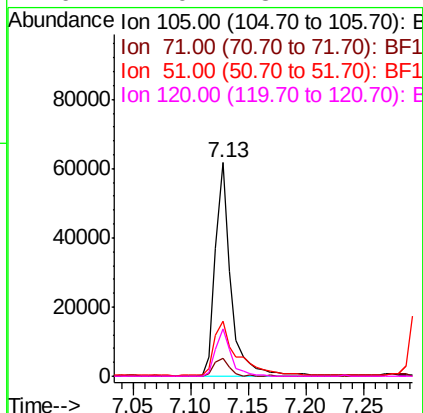
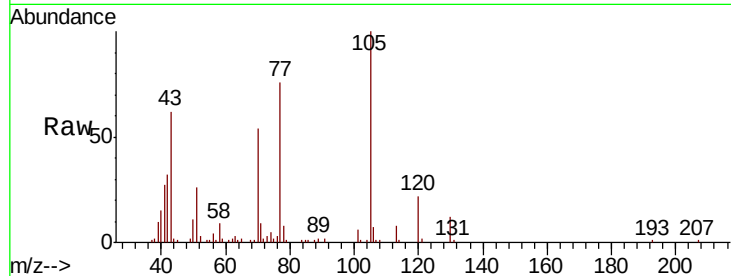




#22
Acetophenone
Concen: 4.025 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

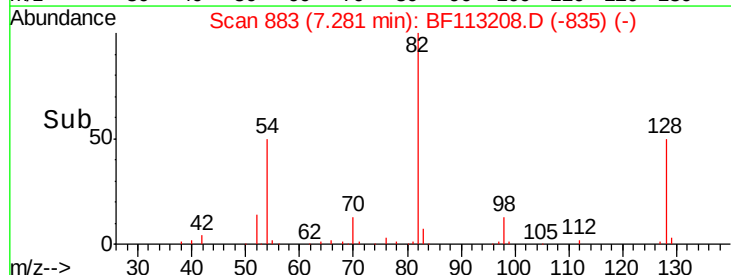
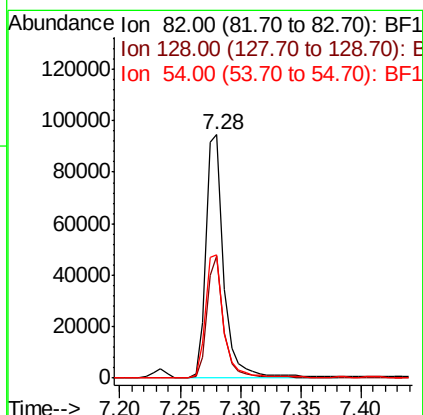
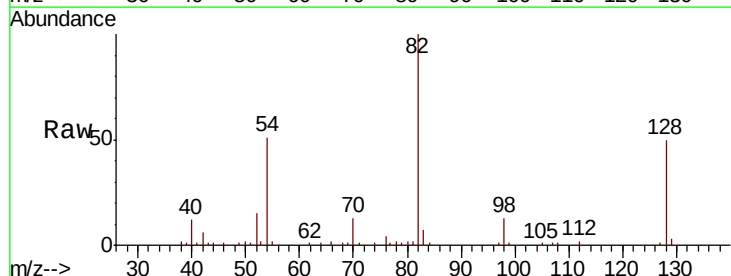
Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

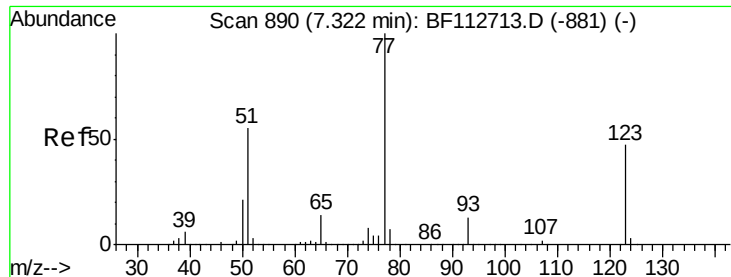
Tgt Ion: 105 Resp: 58640
Ion Ratio Lower Upper
105 100
71 8.6 3.0 4.4#
51 26.0 31.5 47.3#
120 22.0 18.1 27.1



#23
Nitrobenzene-d5
Concen: 9.439 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Tgt Ion: 82 Resp: 98276
Ion Ratio Lower Upper
82 100
128 50.3 36.3 54.5
54 50.5 43.7 65.5





#24

Nitrobenzene

Concen: 3.521 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

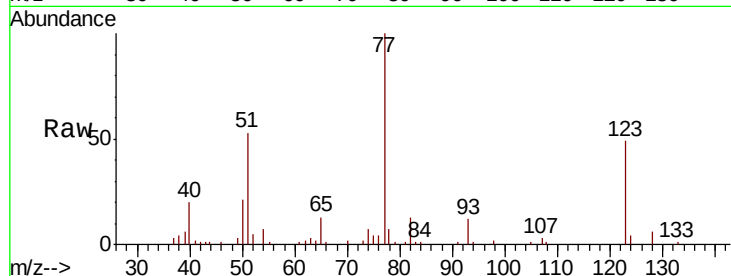
Tgt Ion: 77 Resp: 40808

Ion Ratio Lower Upper

77 100

123 48.8 37.8 56.6

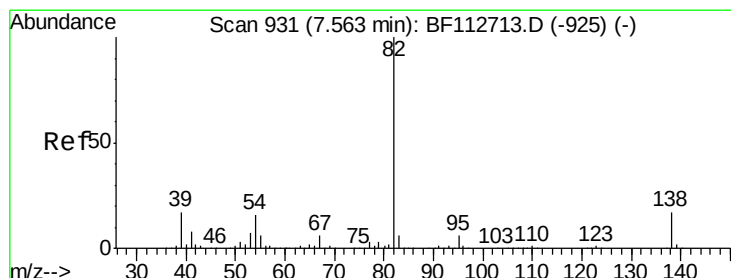
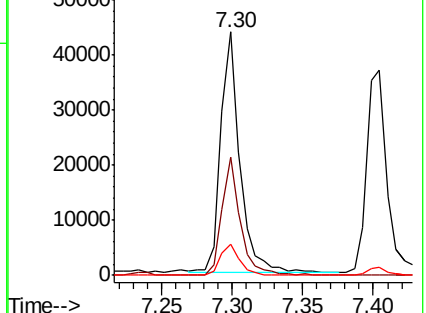
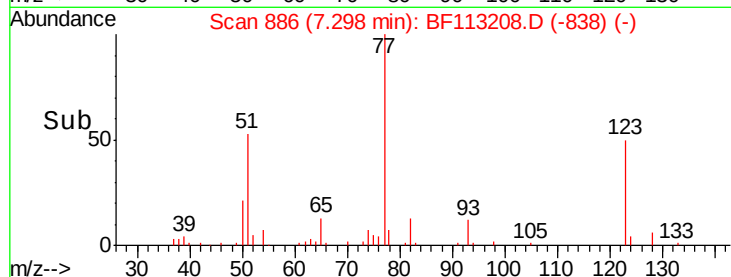
65 12.7 11.1 16.7



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: 3.725 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

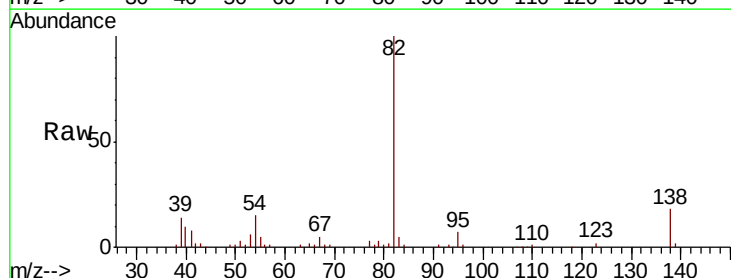
Tgt Ion: 82 Resp: 83546

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

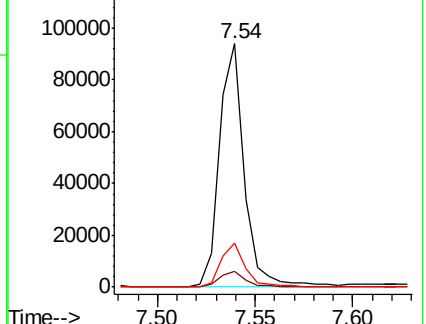
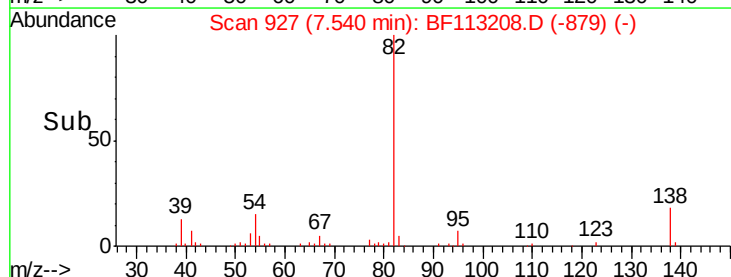
138 18.0 13.8 20.8

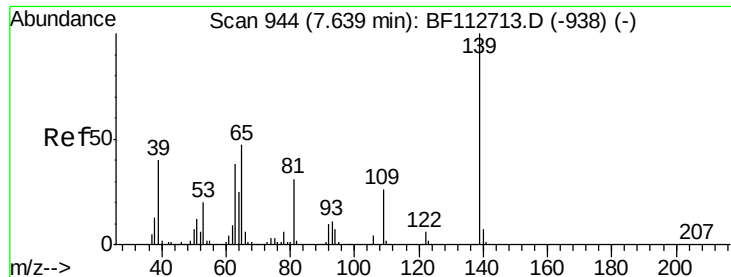


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#26

2-Nitrophenol

Concen: 3.954 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

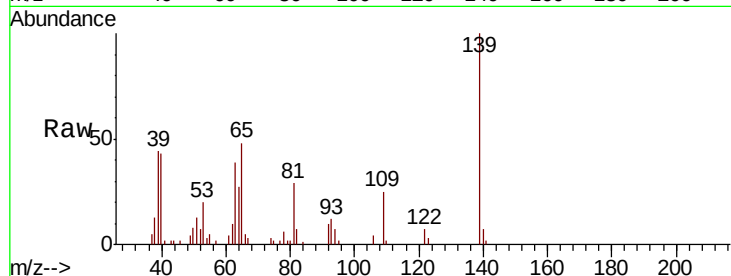
Tgt Ion:139 Resp: 19076

Ion Ratio Lower Upper

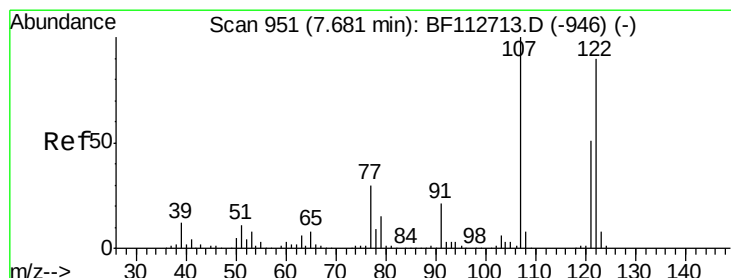
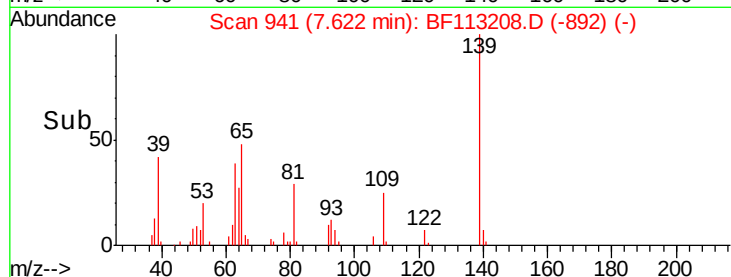
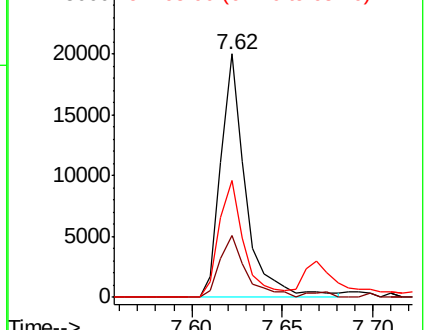
139 100

109 25.4 20.6 31.0

65 47.9 37.9 56.9



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



#27

2,4-Dimethylphenol

Concen: 4.322 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

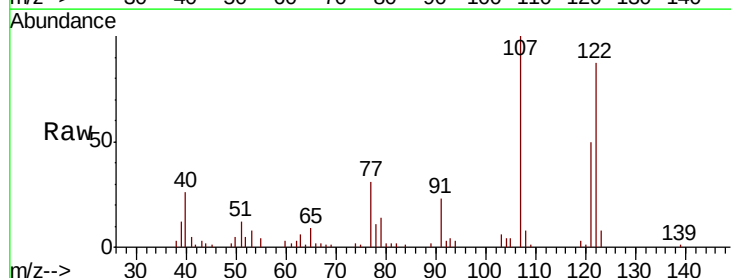
Tgt Ion:122 Resp: 38785

Ion Ratio Lower Upper

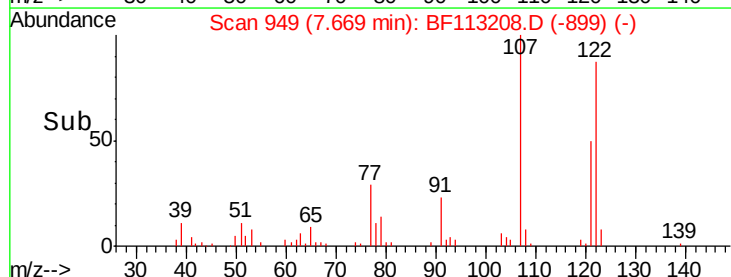
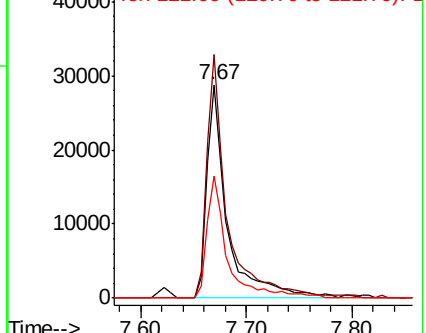
122 100

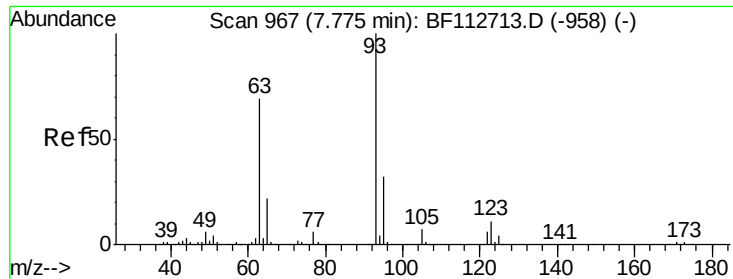
107 114.3 89.4 134.0

121 57.5 45.5 68.3



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

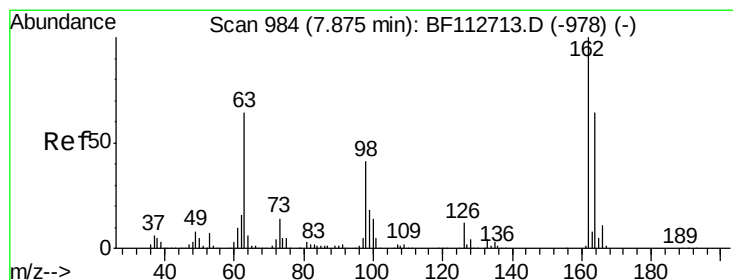
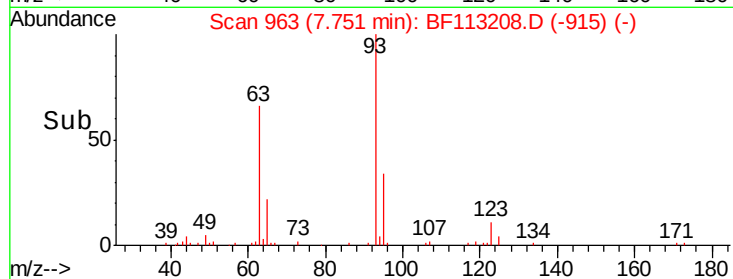
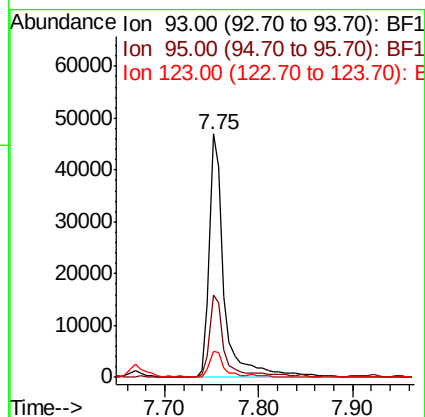
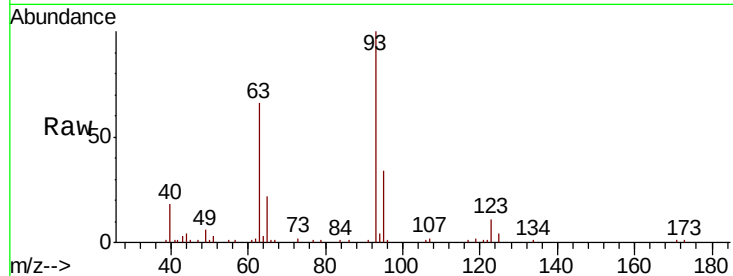




#28
bis(2-Chloroethoxy)methane
Concen: 3.754 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.02 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

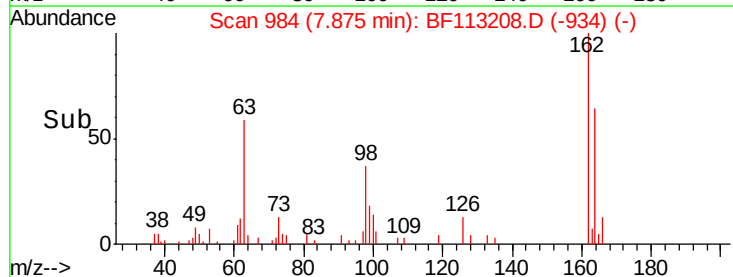
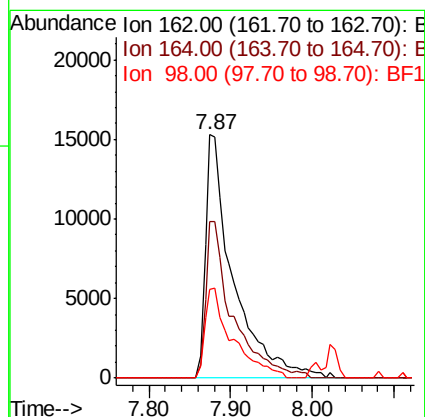
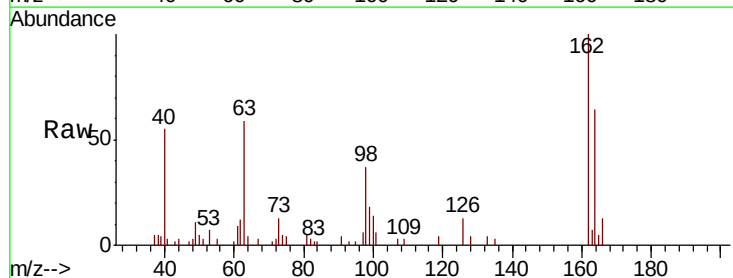
Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

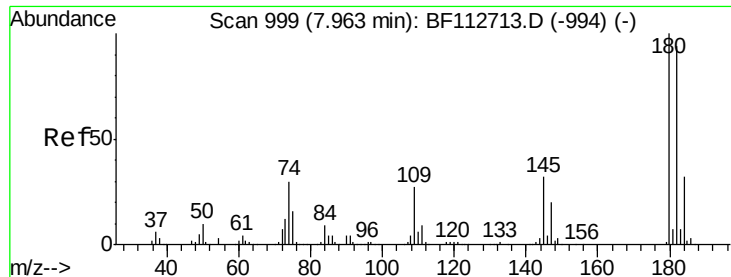
Tgt Ion: 93 Resp: 52643
Ion Ratio Lower Upper
93 100
95 33.8 26.0 39.0
123 10.6 9.3 13.9



#29
2,4-Dichlorophenol
Concen: 4.135 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Tgt Ion: 162 Resp: 35987
Ion Ratio Lower Upper
162 100
164 64.1 44.0 84.0
98 36.5 20.7 60.7

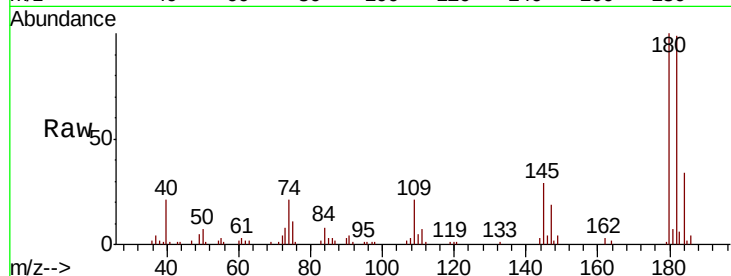




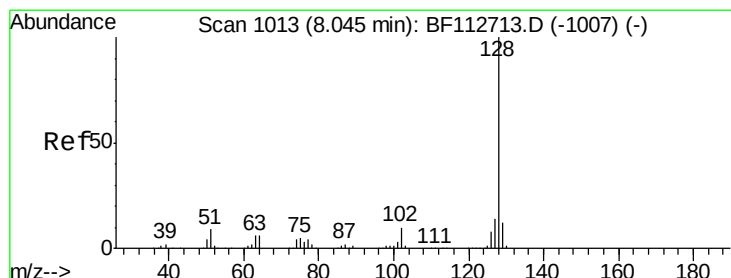
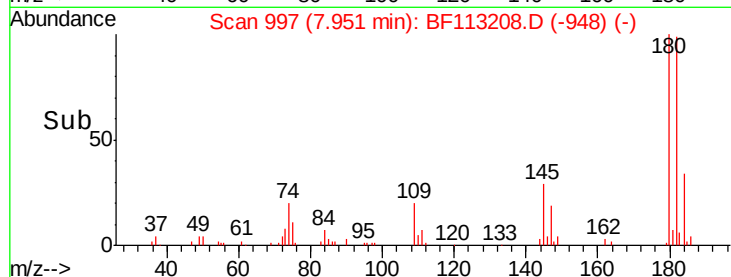
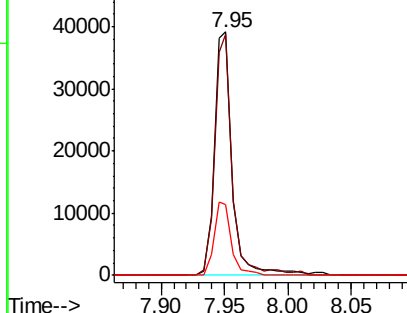
#30
 1,2,4-Trichlorobenzene
 Concen: 4.173 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

Tgt Ion:180 Resp: 39023
 Ion Ratio Lower Upper
 180 100
 182 99.2 75.2 112.8
 145 28.9 25.4 38.0

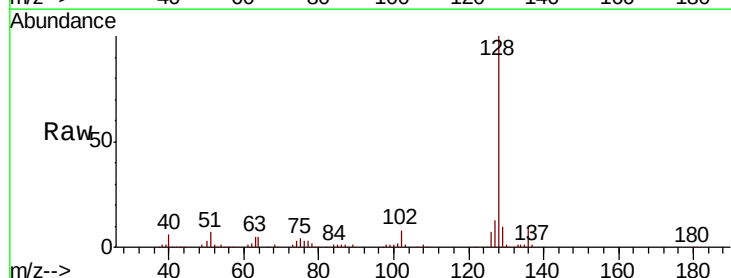


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

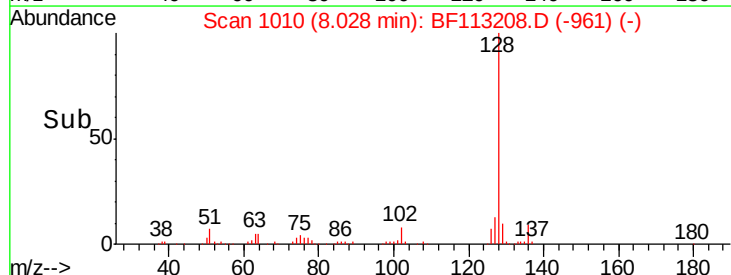
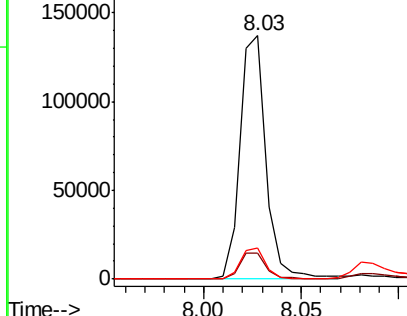


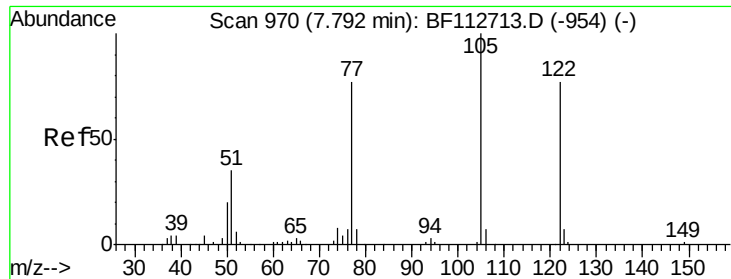
#31
 Naphthalene
 Concen: 4.113 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

Tgt Ion:128 Resp: 127227
 Ion Ratio Lower Upper
 128 100
 129 10.5 9.3 13.9
 127 12.9 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: 6.166 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.14 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

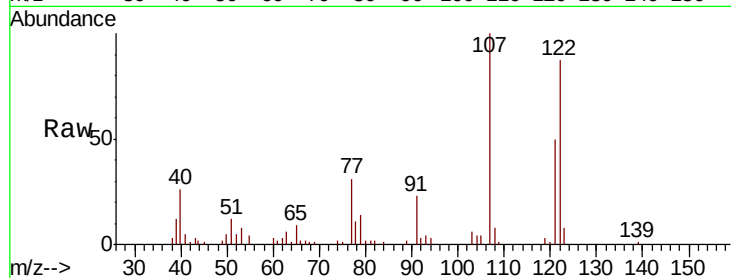
Tgt Ion:122 Resp: 38785

Ion Ratio Lower Upper

122 100

105 4.6 106.8 146.8#

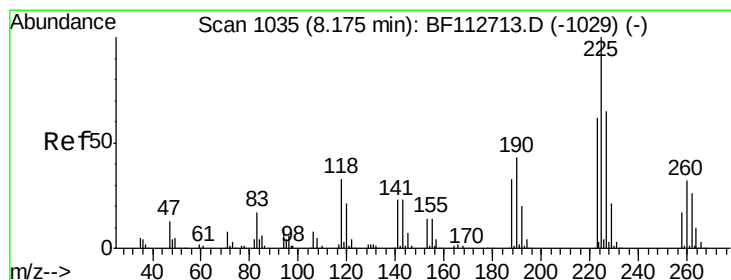
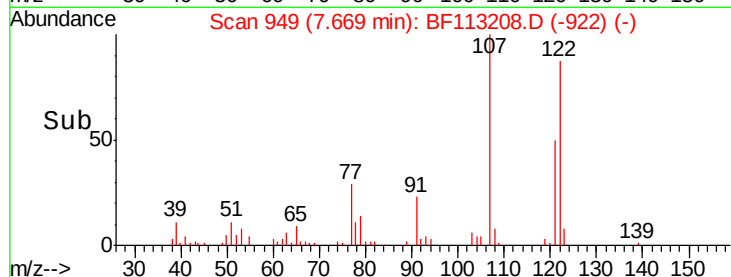
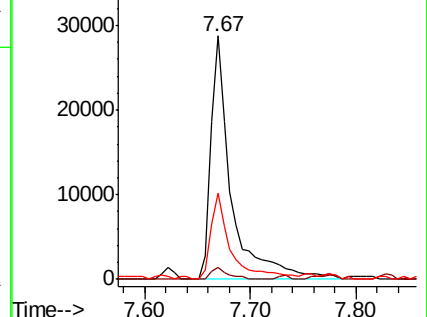
77 35.5 79.4 119.4#



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



#34

Hexachlorobutadiene

Concen: 4.477 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

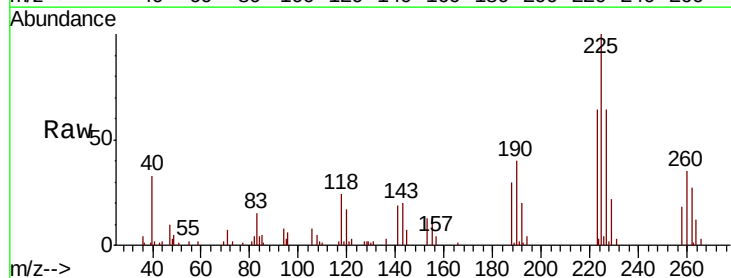
Tgt Ion:225 Resp: 23610

Ion Ratio Lower Upper

225 100

223 63.5 49.7 74.5

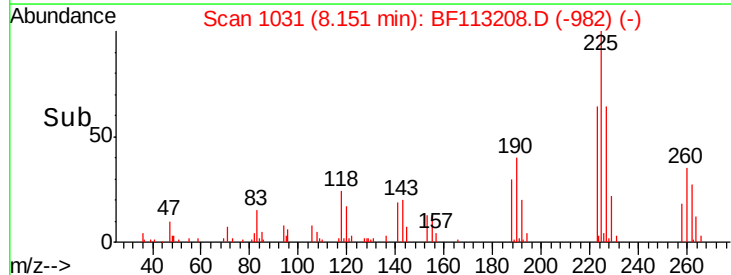
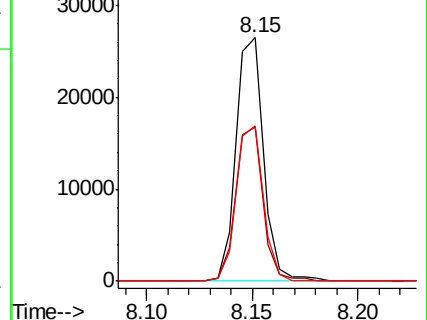
227 66.1 52.1 78.1

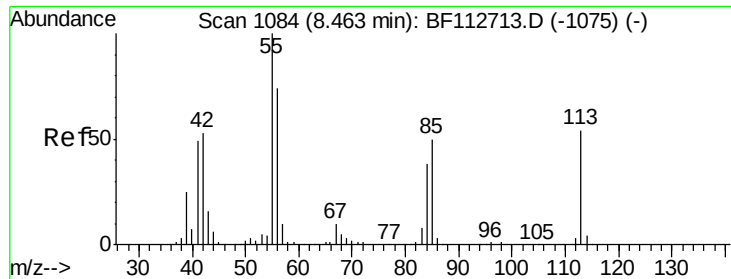


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

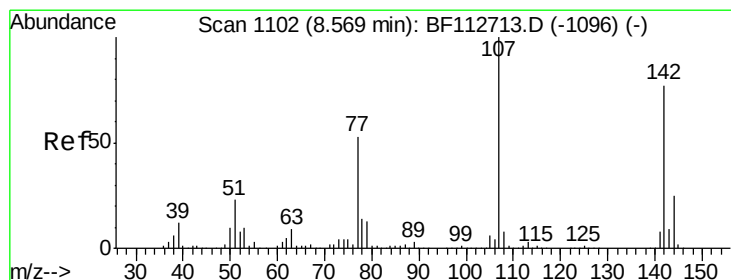
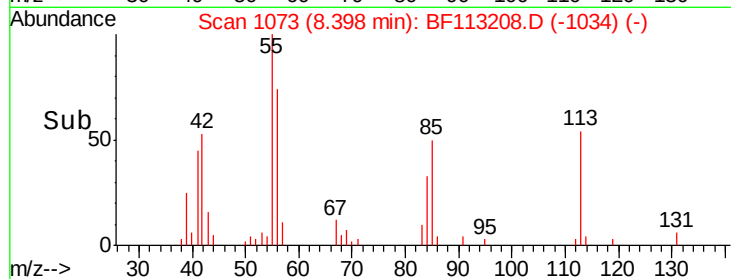
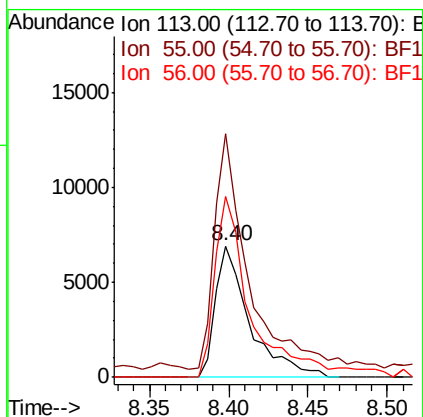
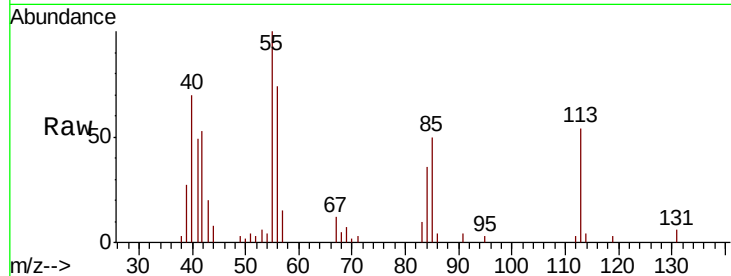




#35
 Caprolactam
 Concen: 3.385 ng
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.07 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

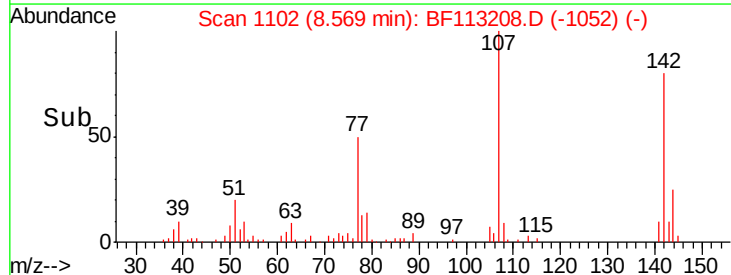
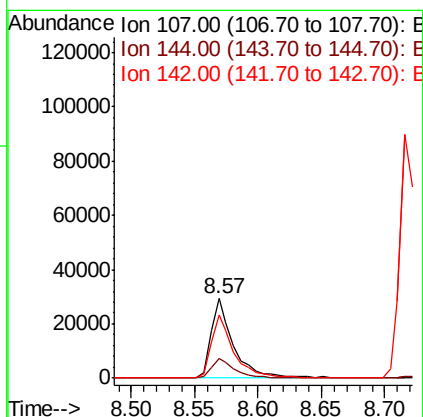
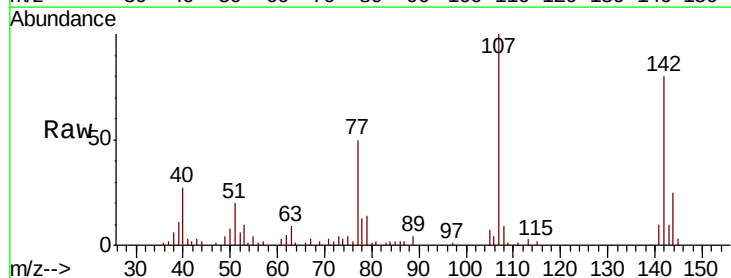
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

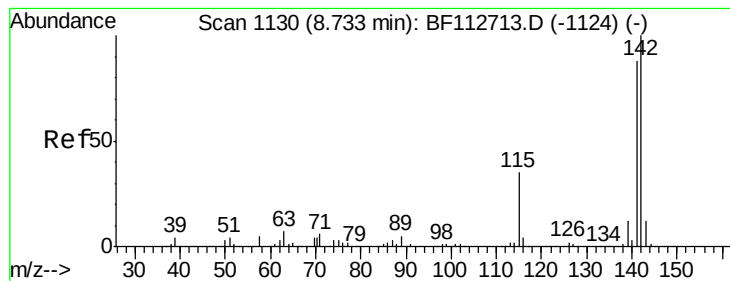
Tgt Ion:113 Resp: 10375
 Ion Ratio Lower Upper
 113 100
 55 185.8 163.5 203.5
 56 137.6 115.3 155.3



#36
 4-Chloro-3-methylphenol
 Concen: 3.755 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

Tgt Ion:107 Resp: 36166
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.1 30.1
 142 79.6 61.9 92.9





#37

2-Methylnaphthalene

Concen: 4.427 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

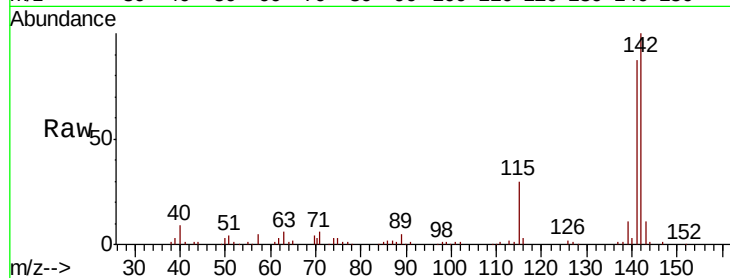
Tgt Ion:142 Resp: 88426

Ion Ratio Lower Upper

142 100

141 87.4 70.3 105.5

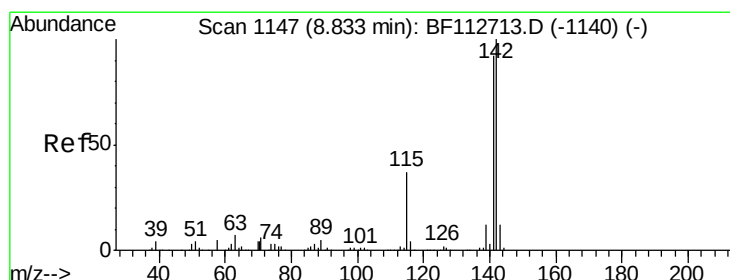
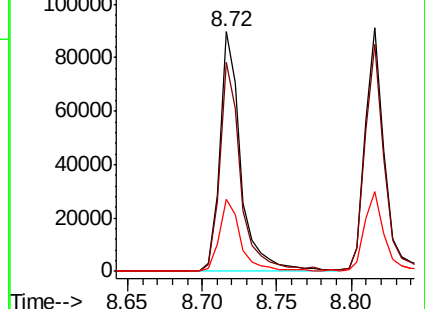
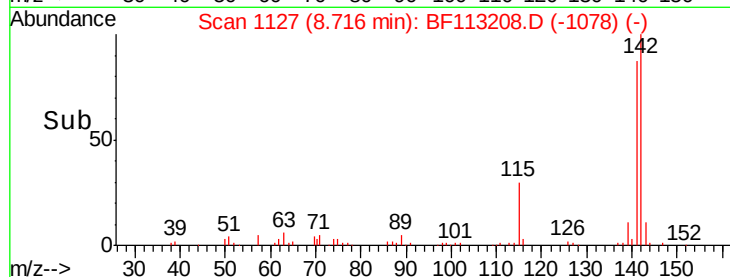
115 30.3 27.8 41.6



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: 4.101 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

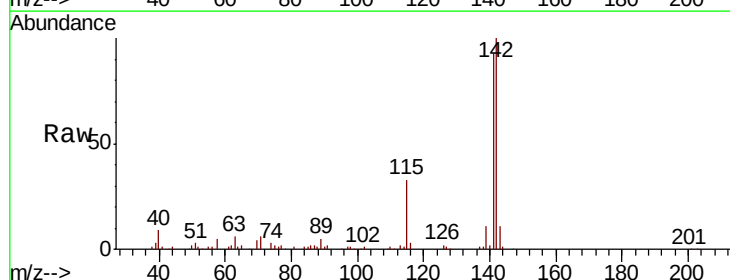
Tgt Ion:142 Resp: 79360

Ion Ratio Lower Upper

142 100

141 93.3 73.7 110.5

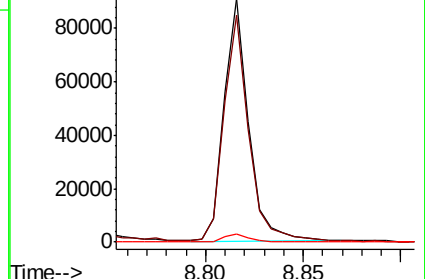
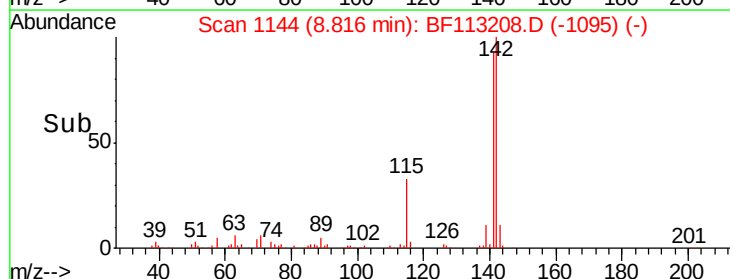
116 3.4 3.1 4.7

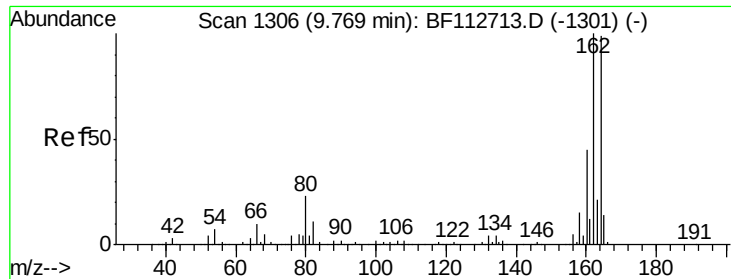


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

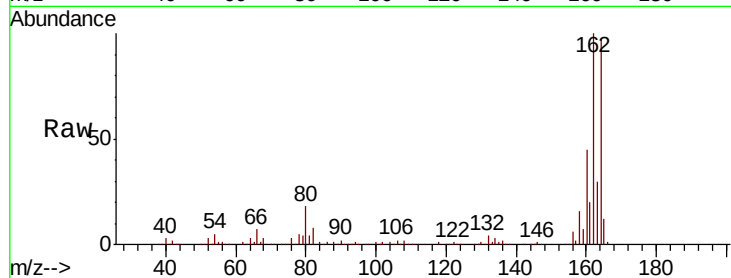




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.6	120.8
160	46.6	36.0	54.0

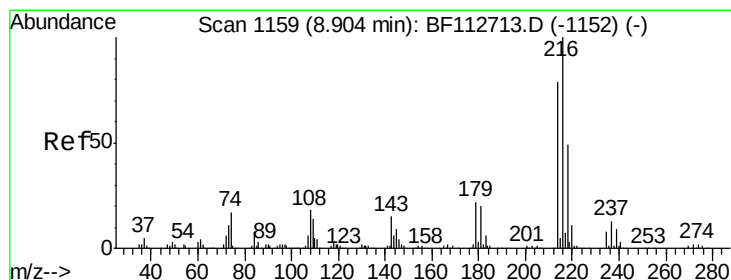
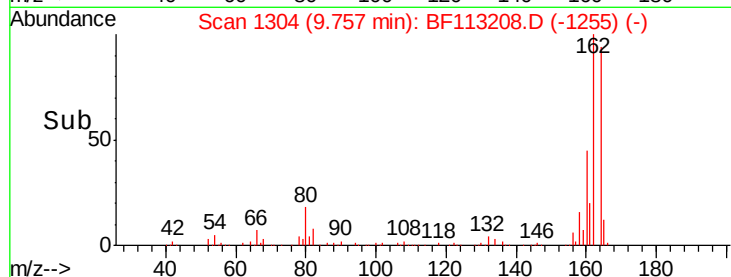
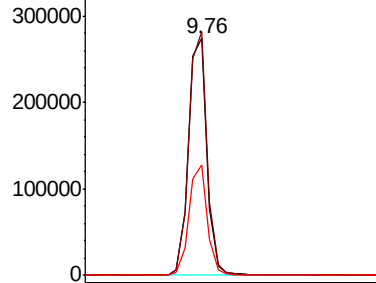


Abundance

Ion 164.00 (163.70 to 164.70): E

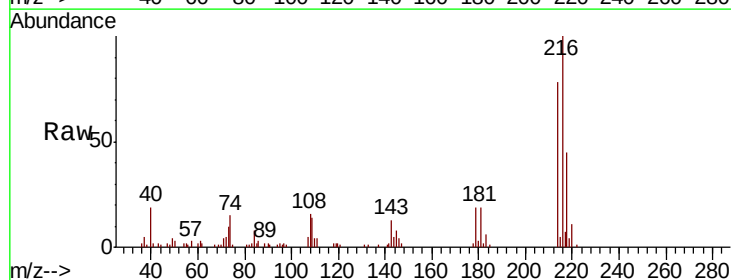
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.516 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.2	94.8
179	19.1	17.5	26.3
108	15.3	16.7	25.1#



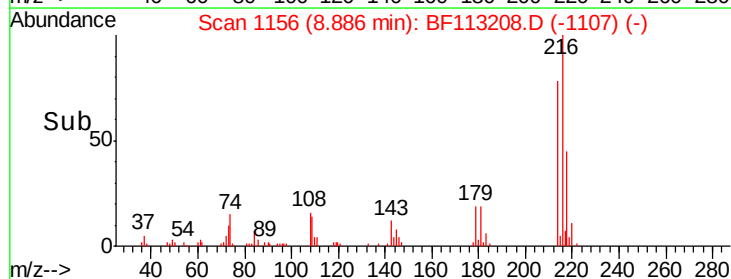
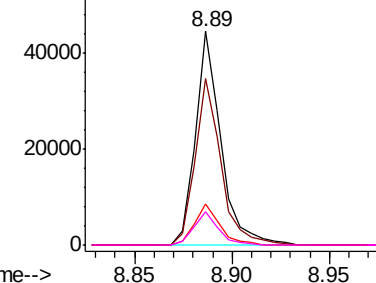
Abundance

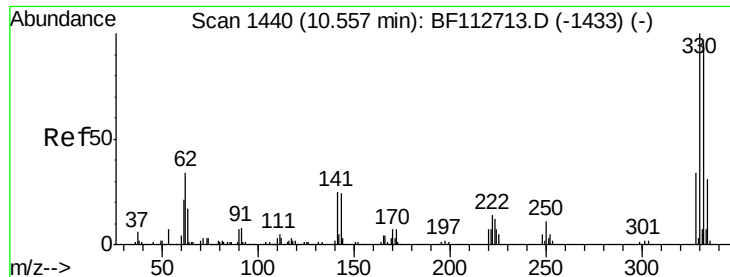
Ion 216.00 (215.70 to 216.70): E

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

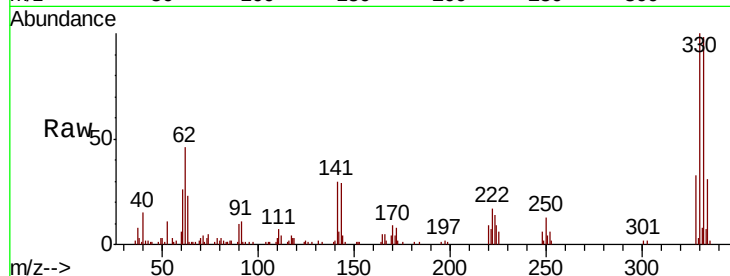




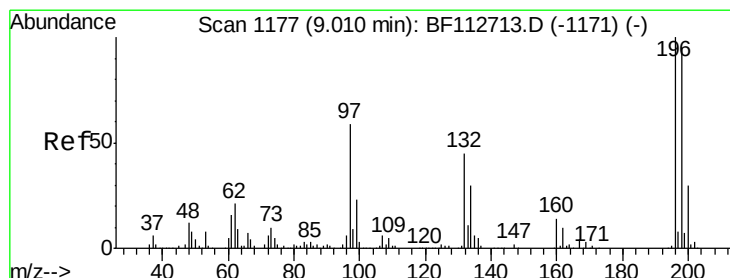
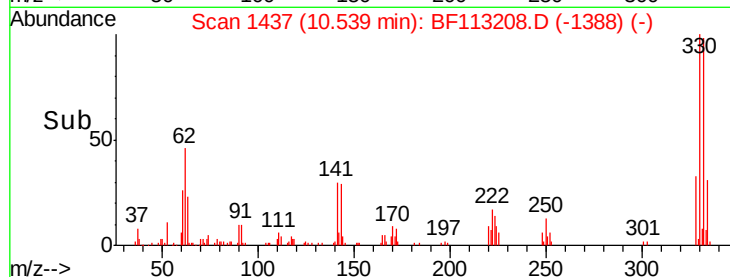
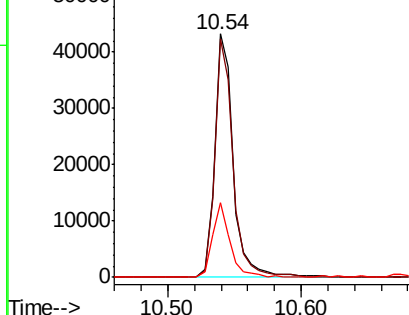
#42
 2,4,6-Tribromophenol
 Concen: 16.023 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

Tgt Ion: 330 Resp: 42299
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.2 114.4
 141 28.8 27.0 40.6

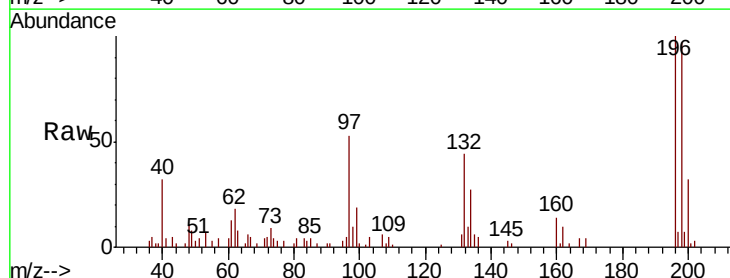


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

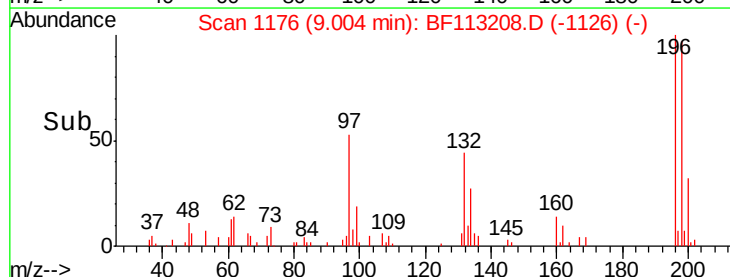
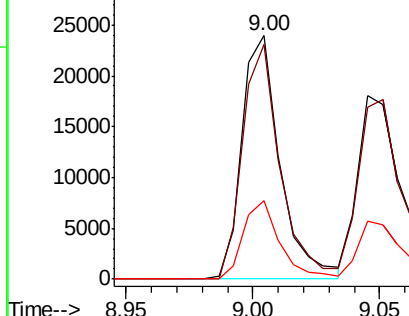


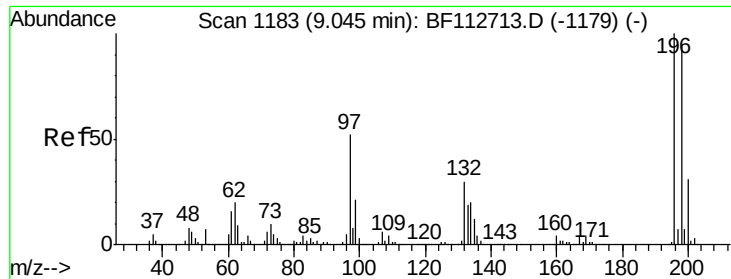
#43
 2,4,6-Trichlorophenol
 Concen: 5.069 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

Tgt Ion: 196 Resp: 25298
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.8 113.8
 200 32.1 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

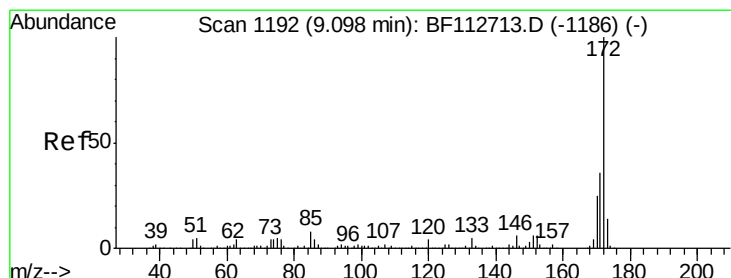
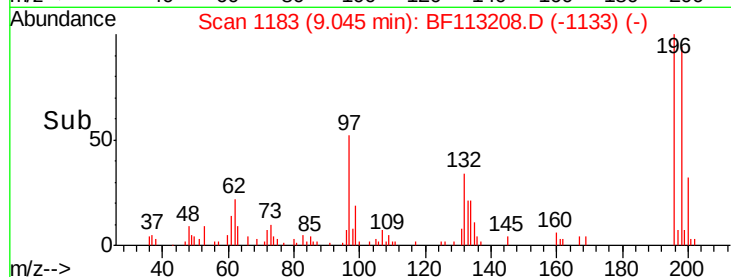
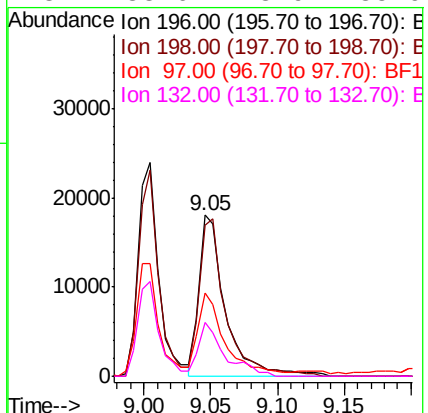
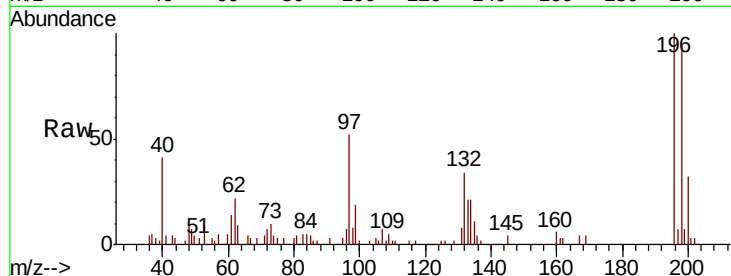




#44
 2,4,5-Trichlorophenol
 Concen: 4.589 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

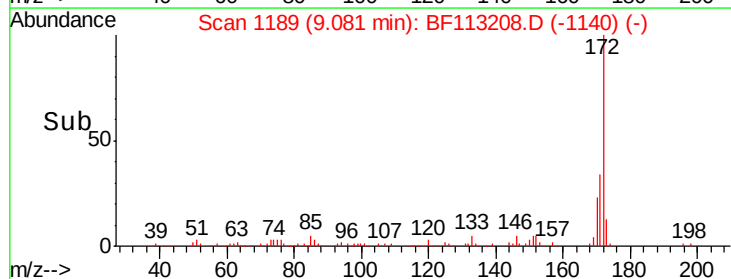
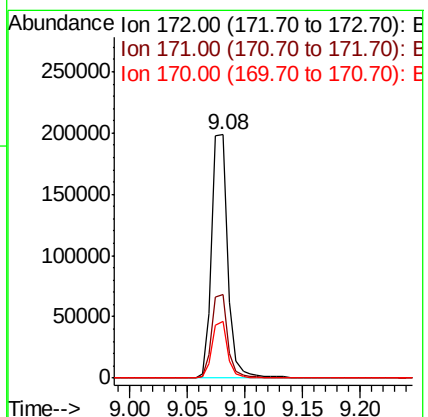
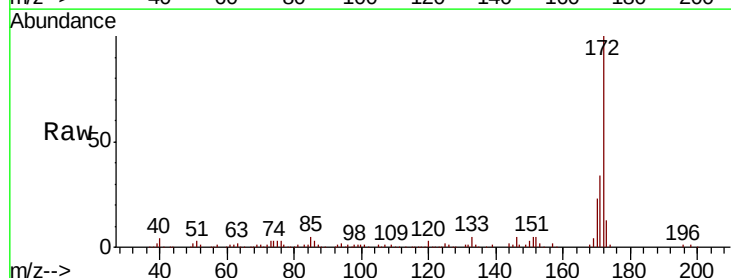
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

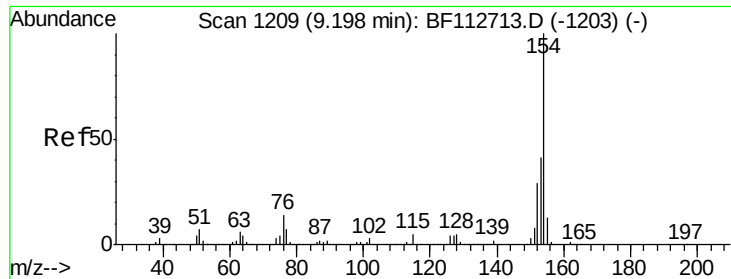
Tgt Ion:	196	Resp:	24753
Ion	Ratio	Lower	Upper
196	100		
198	93.6	76.2	114.2
97	51.9	41.5	62.3
132	33.6	23.9	35.9



#45
 2-Fluorobiphenyl
 Concen: 9.224 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

Tgt Ion:	172	Resp:	193500
Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.0	43.4
170	23.2	20.0	30.0

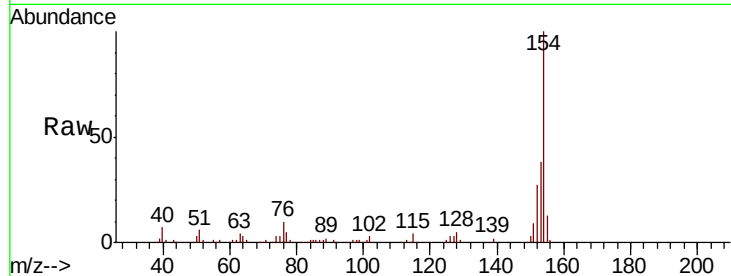




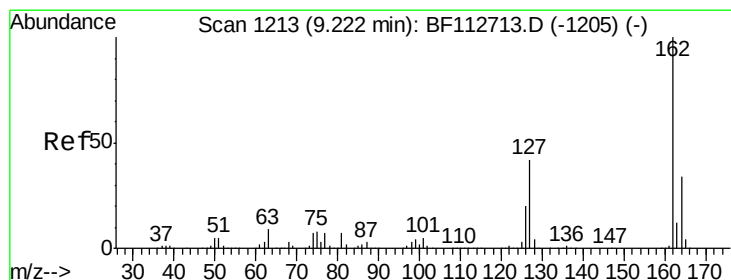
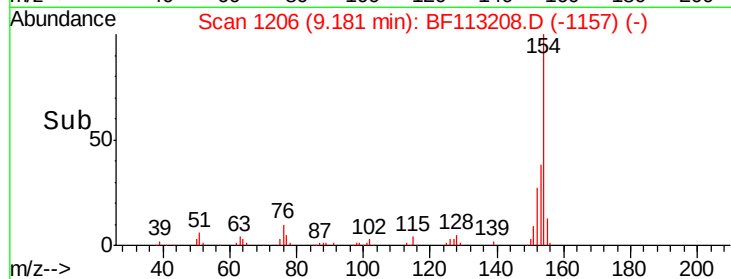
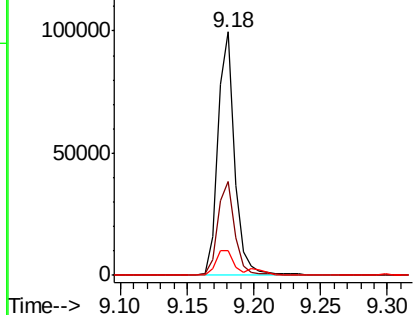
#46
 1,1'-Biphenyl
 Concen: 4.396 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

Tgt Ion:	154	Resp:	89158
Ion	Ratio	Lower	Upper
154	100		
153	38.3	20.8	60.8
76	10.1	0.0	33.8

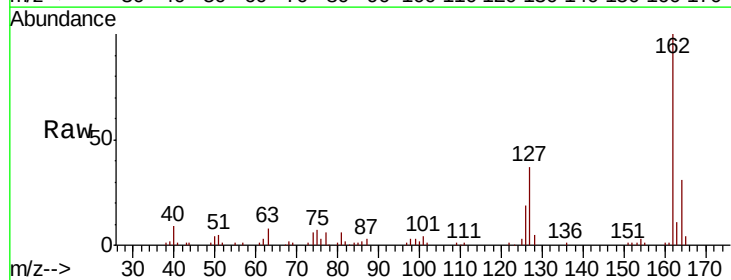


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

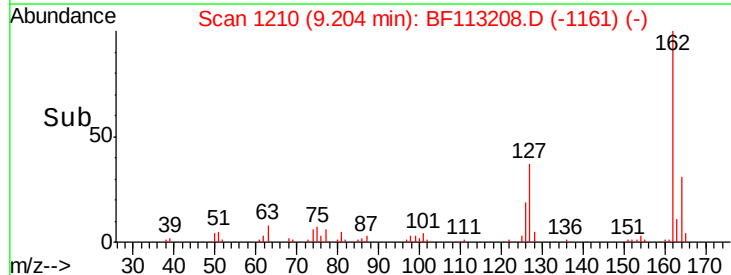
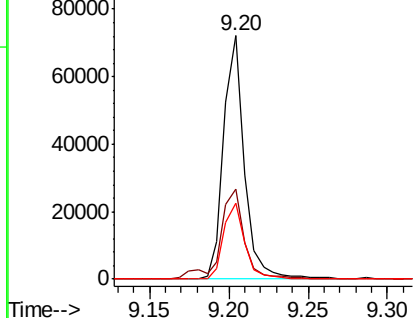


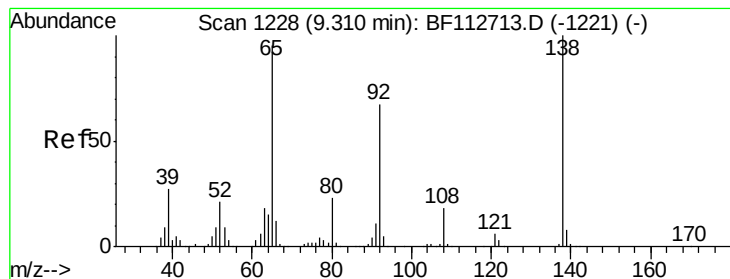
#47
 2-Chloronaphthalene
 Concen: 4.139 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

Tgt Ion:	162	Resp:	65552
Ion	Ratio	Lower	Upper
162	100		
127	36.9	33.4	50.2
164	30.9	26.9	40.3



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





#48

2-Nitroaniline

Concen: 3.942 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

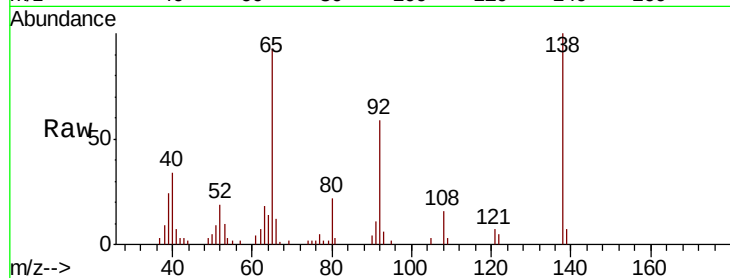
Tgt Ion: 65 Resp: 18977

Ion Ratio Lower Upper

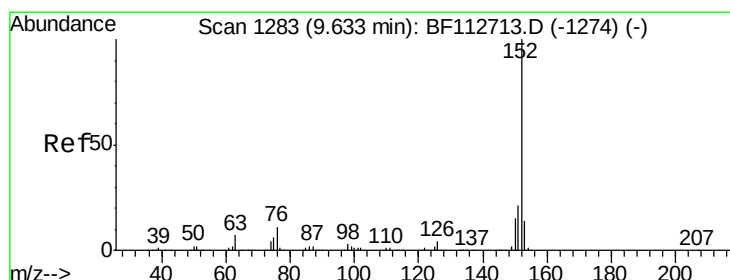
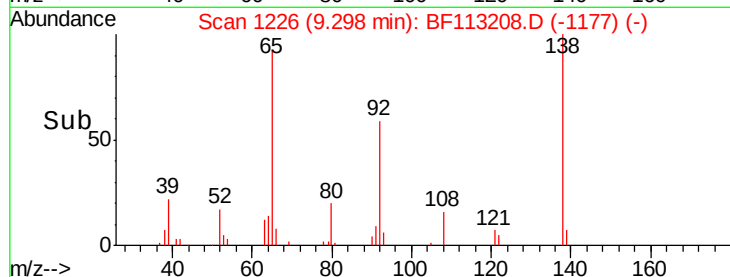
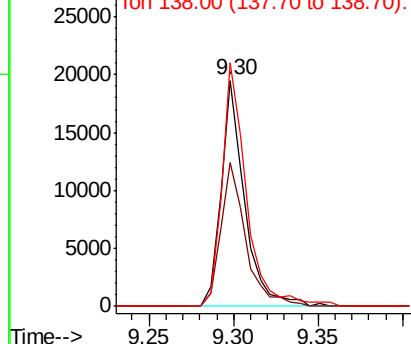
65 100

92 63.7 56.4 84.6

138 107.7 84.6 126.8



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



#49

Acenaphthylene

Concen: 3.975 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

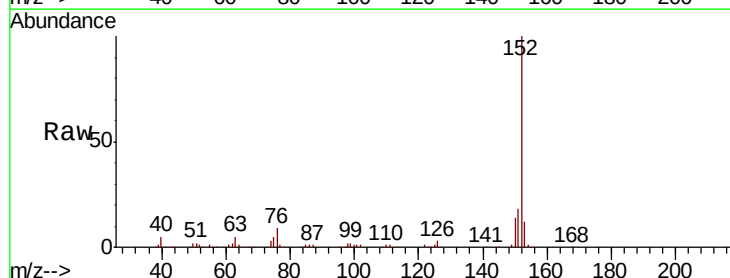
Tgt Ion: 152 Resp: 106863

Ion Ratio Lower Upper

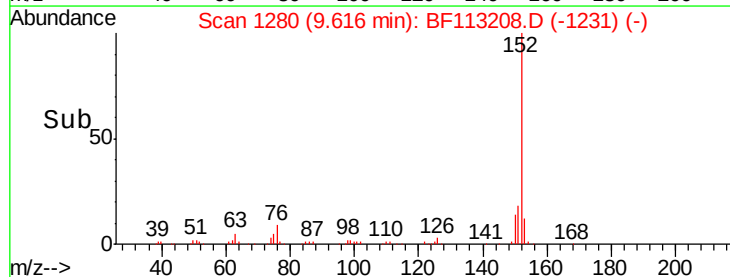
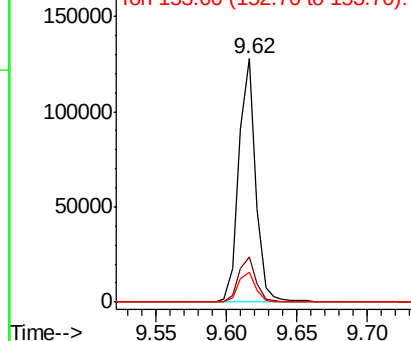
152 100

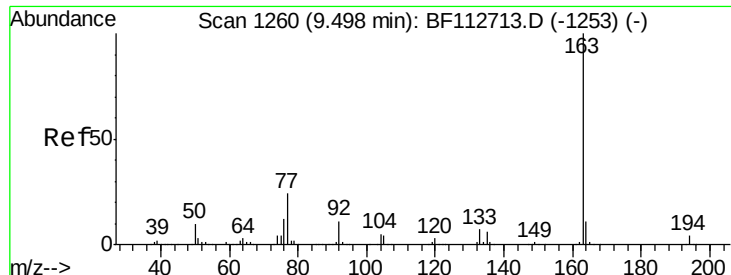
151 18.4 16.9 25.3

153 12.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

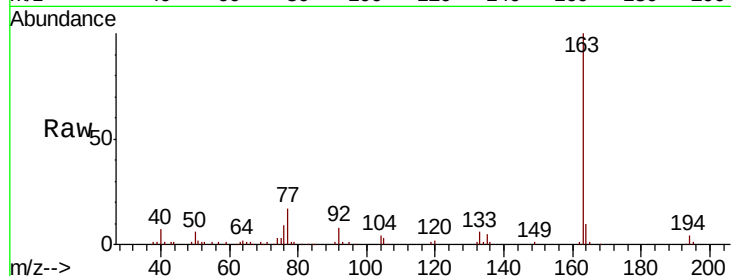




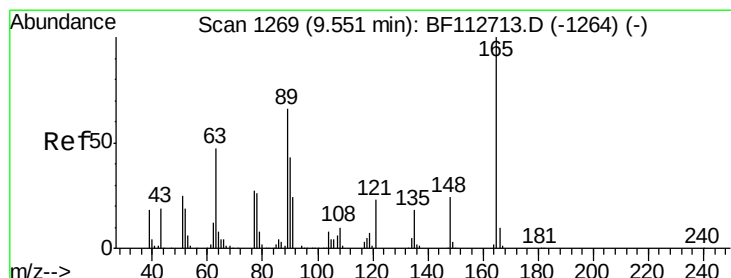
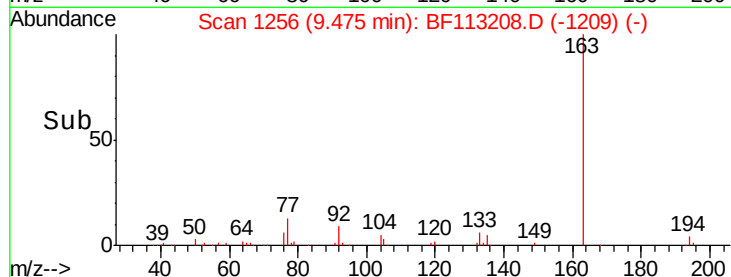
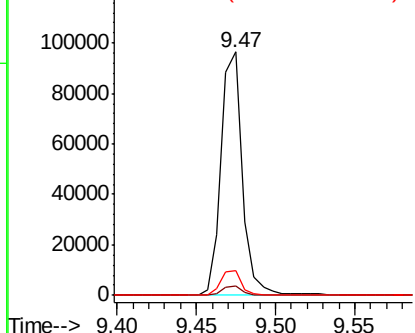
#50
Dimethylphthalate
Concen: 4.906 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

Tgt Ion:163 Resp: 89952
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.3 8.4 12.6

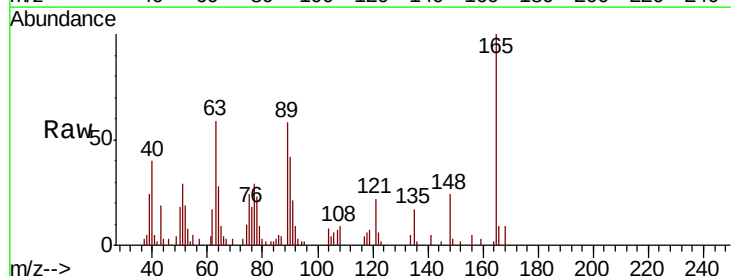


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

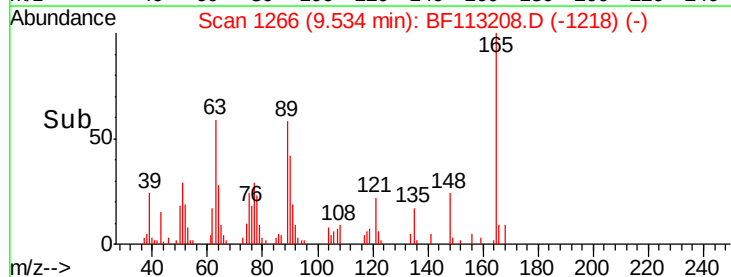
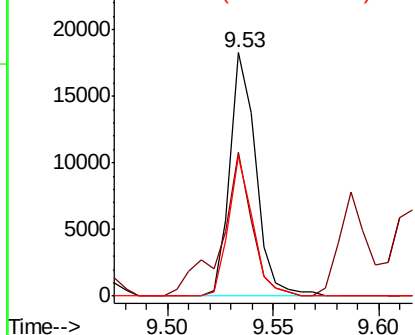


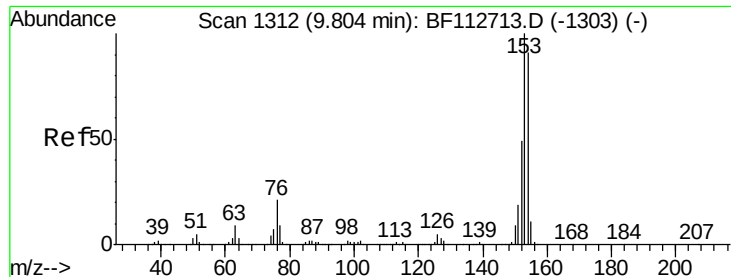
#51
2,6-Dinitrotoluene
Concen: 4.071 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Tgt Ion:165 Resp: 15543
Ion Ratio Lower Upper
165 100
63 59.3 54.1 81.1
89 57.6 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: 3.924 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

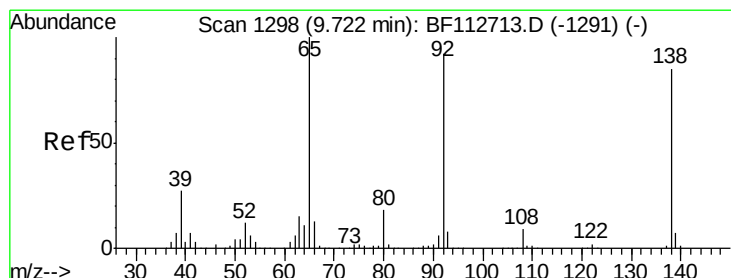
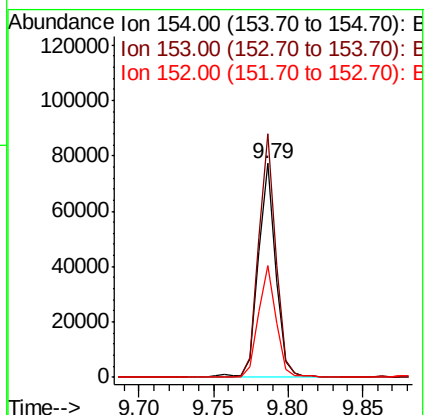
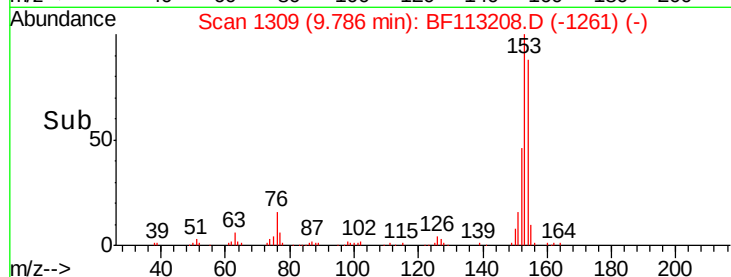
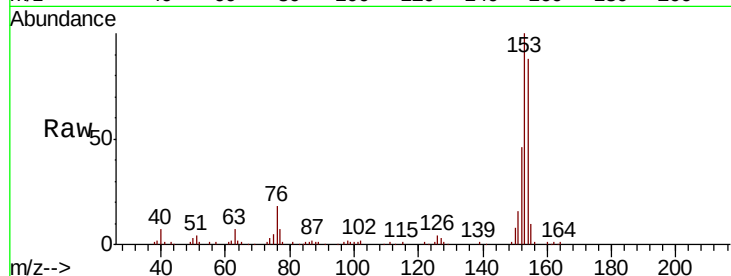
Tgt Ion:154 Resp: 61694

Ion Ratio Lower Upper

154 100

153 113.9 87.8 131.8

152 52.6 43.0 64.6



#53

3-Nitroaniline

Concen: 2.864 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

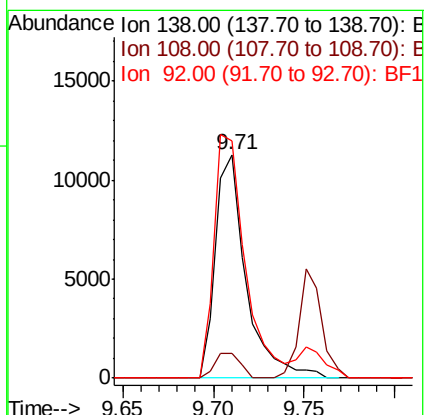
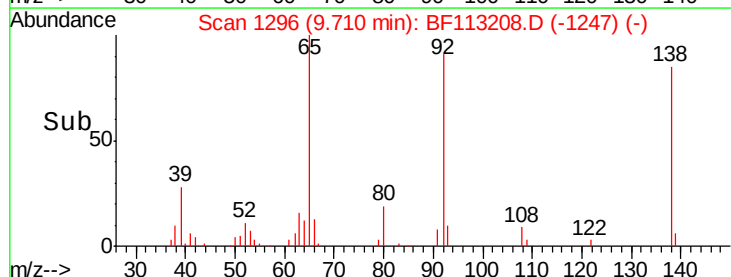
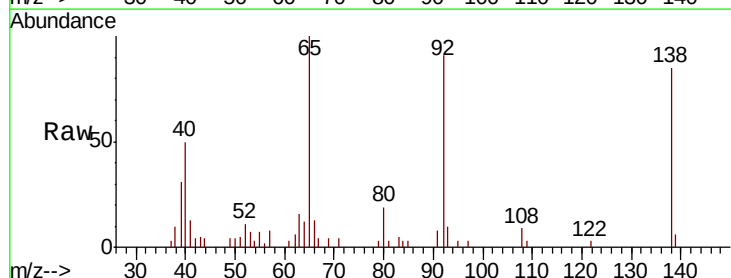
Tgt Ion:138 Resp: 13326

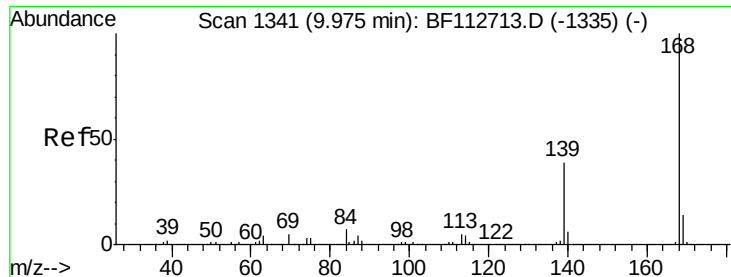
Ion Ratio Lower Upper

138 100

108 10.9 8.6 13.0

92 106.4 86.6 129.8





#55

Dibenzofuran

Concen: 4.223 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

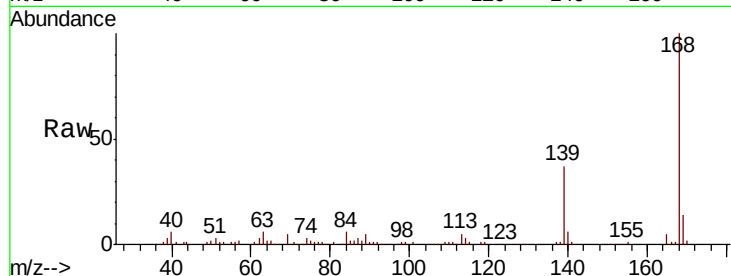
Tgt Ion:168 Resp: 96514

Ion Ratio Lower Upper

168 100

139 37.3 31.3 46.9

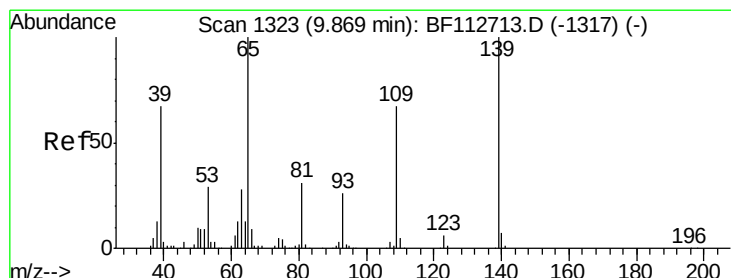
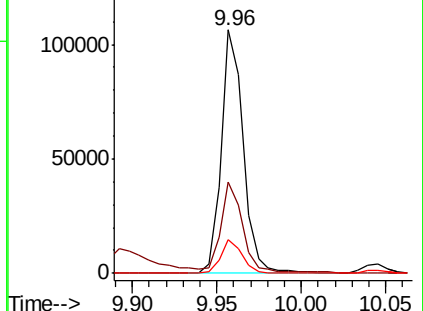
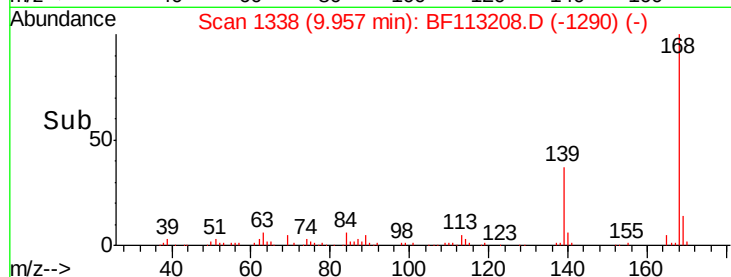
169 13.8 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 5.161 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

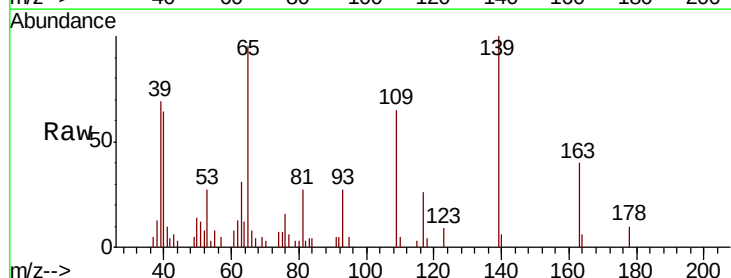
Tgt Ion:139 Resp: 19516

Ion Ratio Lower Upper

139 100

109 64.7 46.8 86.8

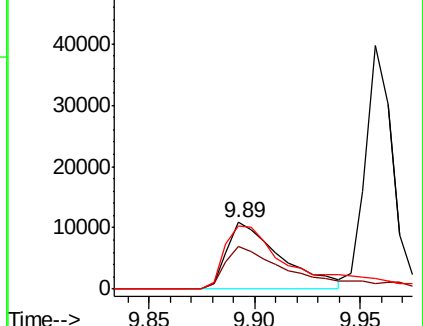
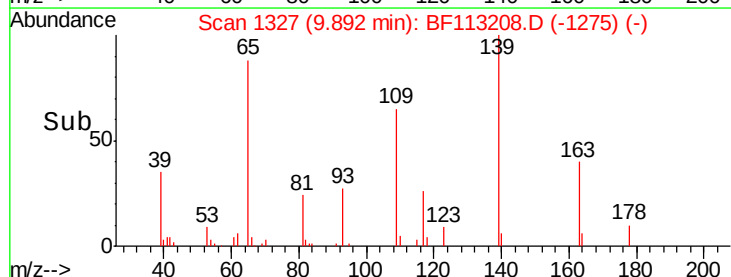
65 95.1 80.7 120.7

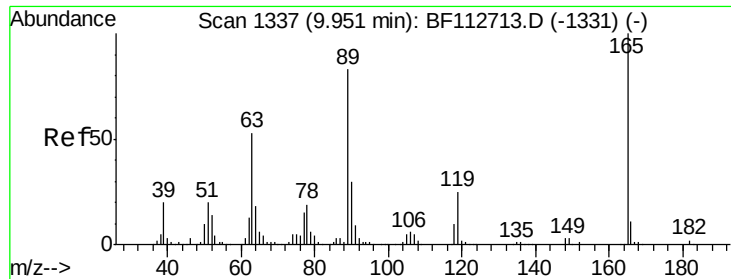


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

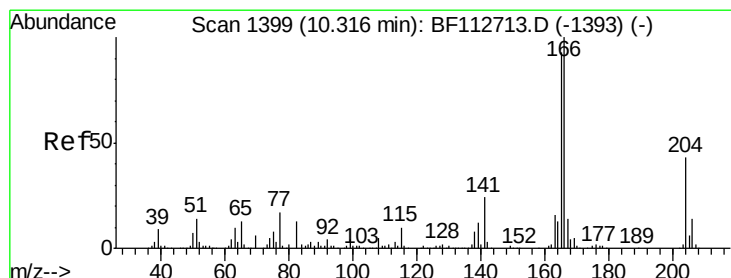
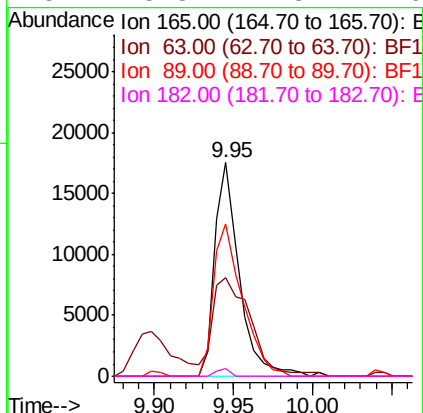
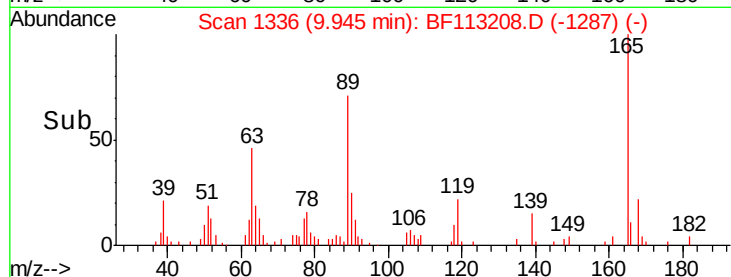
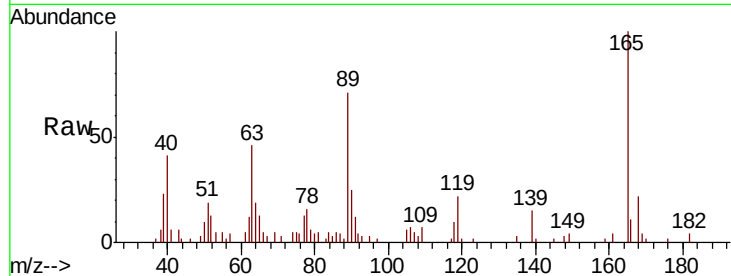




#57
2,4-Dinitrotoluene
Concen: 3.986 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

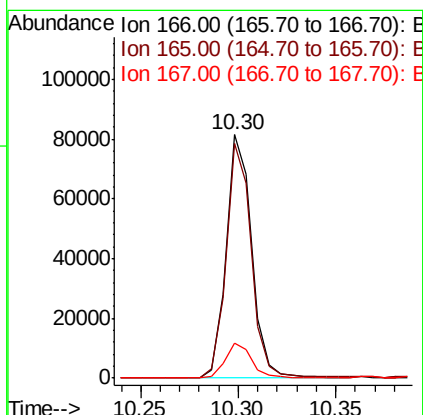
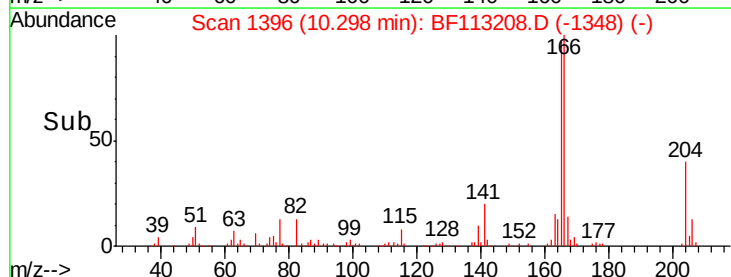
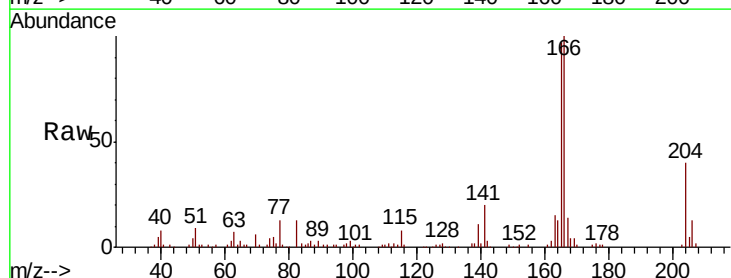
Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

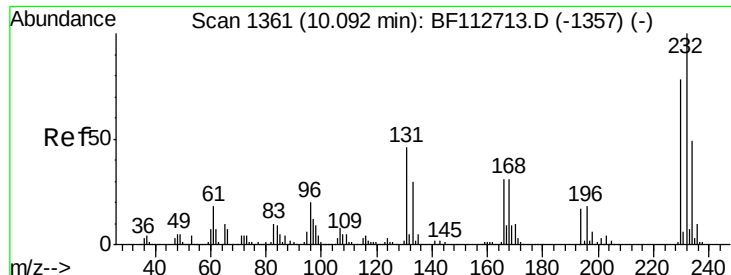
Tgt Ion:	165	Resp:	18916
Ion	Ratio	Lower	Upper
165	100		
63	45.9	42.2	63.2
89	71.1	66.2	99.4
182	3.8	1.8	2.6#



#58
Fluorene
Concen: 4.542 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Tgt Ion:	166	Resp:	73673
Ion	Ratio	Lower	Upper
166	100		
165	96.6	74.7	112.1
167	14.2	11.0	16.6

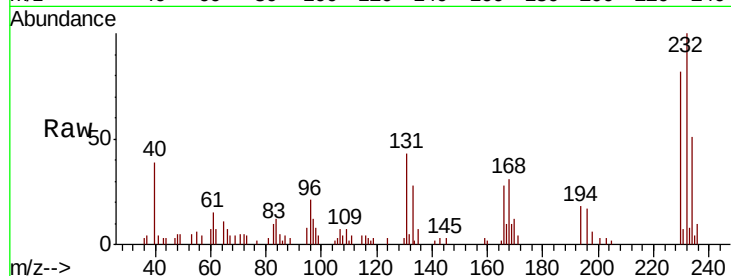




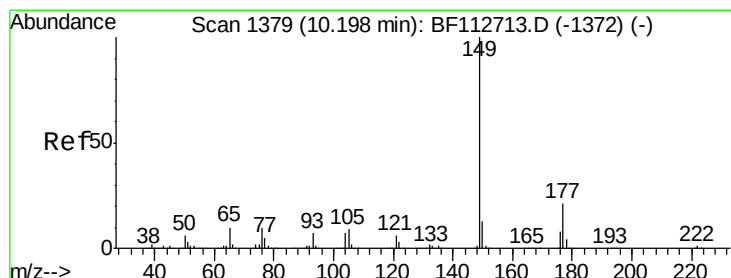
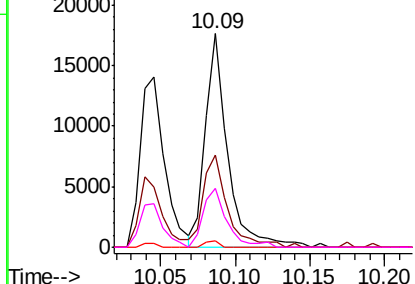
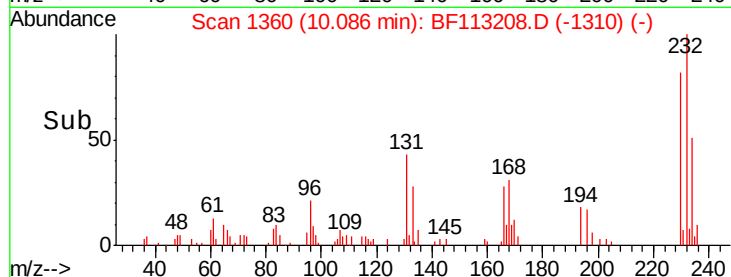
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.070 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

Tgt Ion: 232 Resp: 18290
 Ion Ratio Lower Upper
 232 100
 131 47.2 38.7 58.1
 130 1.8 1.9 2.9#
 166 29.4 25.2 37.8

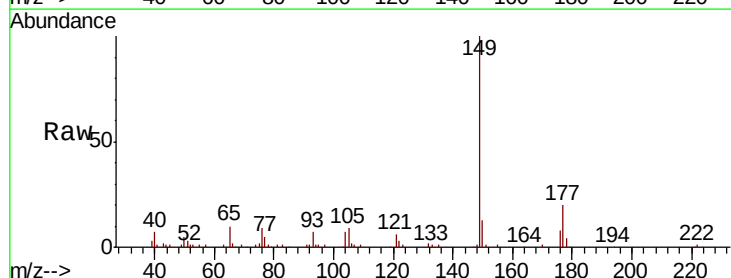


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

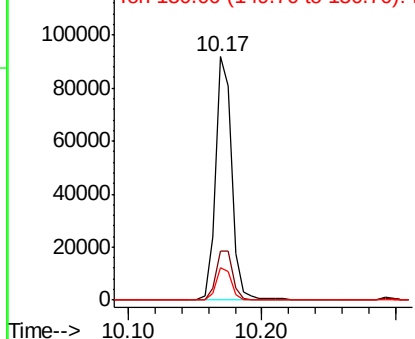
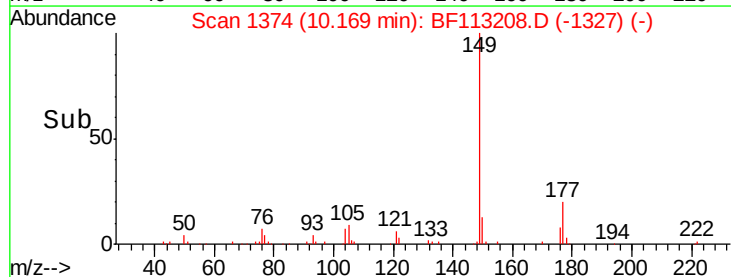


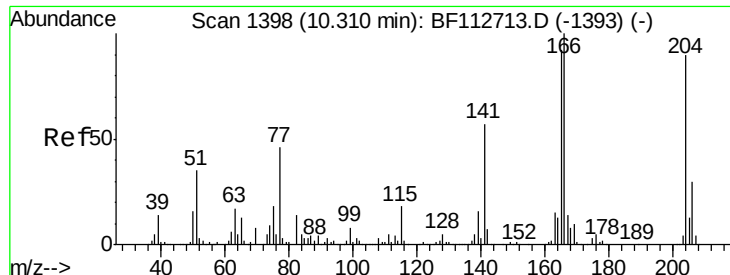
#60
 Diethylphthalate
 Concen: 4.084 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.02 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

Tgt Ion: 149 Resp: 79091
 Ion Ratio Lower Upper
 149 100
 177 20.0 17.0 25.6
 150 13.2 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

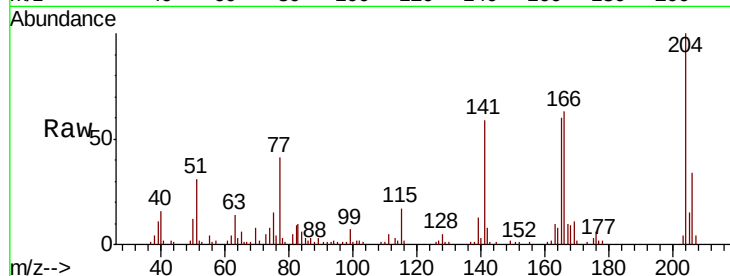




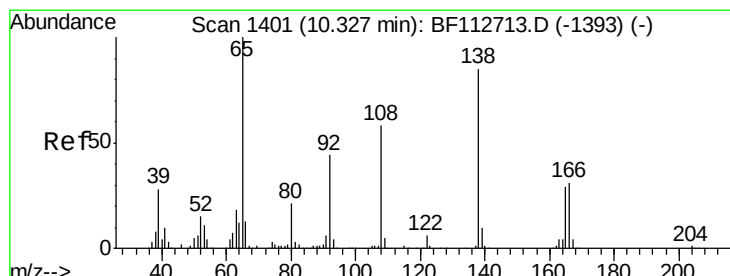
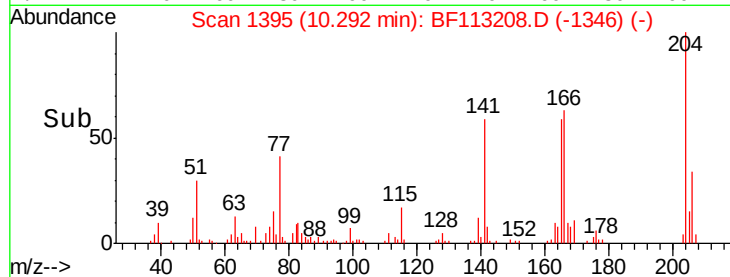
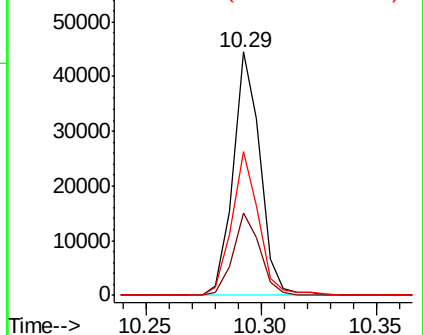
#61
 4-Chlorophenyl-phenylether
 Concen: 4.816 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

Tgt Ion: 204 Resp: 36340
 Ion Ratio Lower Upper
 204 100
 206 33.7 26.6 40.0
 141 59.2 50.8 76.2

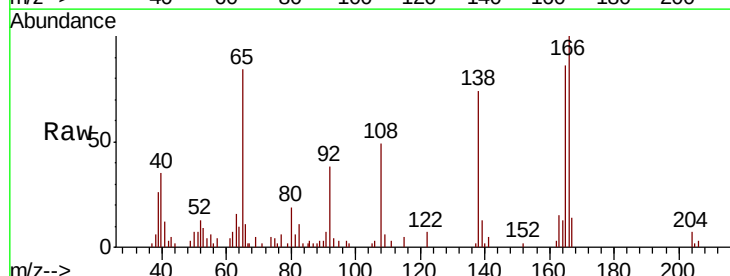


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

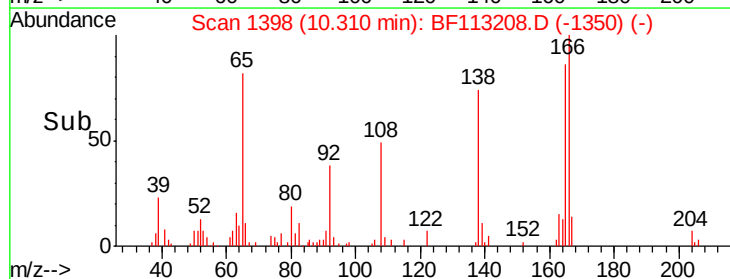
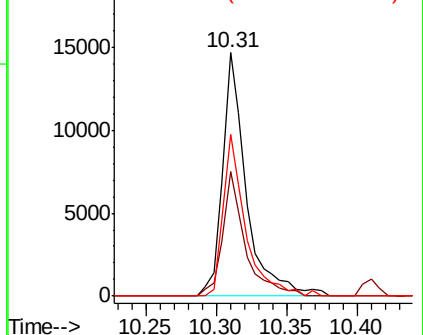


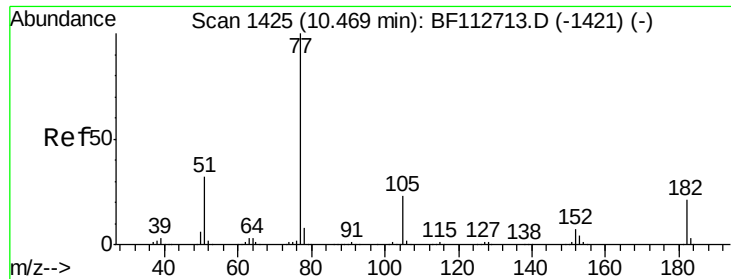
#62
 4-Nitroaniline
 Concen: 4.018 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.02 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

Tgt Ion: 138 Resp: 17273
 Ion Ratio Lower Upper
 138 100
 92 51.0 31.3 71.3
 108 66.5 48.1 88.1



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





#63

Azobenzene

Concen: 3.442 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

Tgt Ion: 77 Resp: 68268

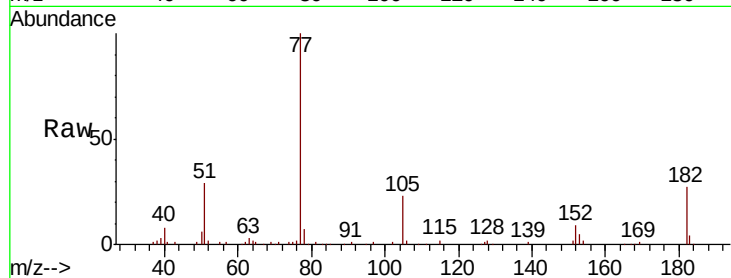
Ion Ratio Lower Upper

77 100

182 27.2 1.4 41.4

105 23.0 2.6 42.6

51 29.1 12.0 52.0

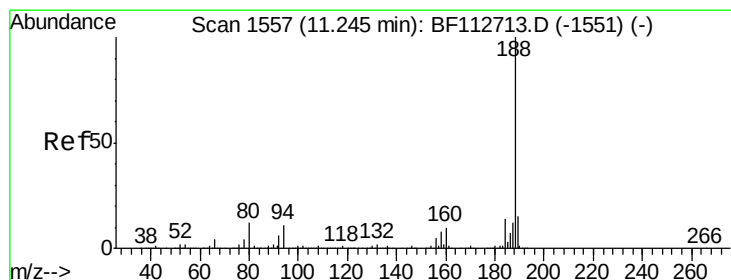
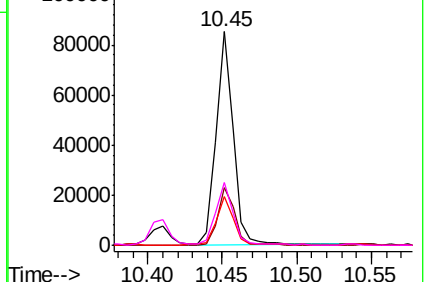
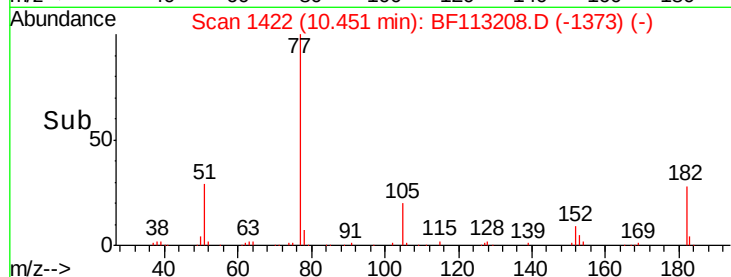


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

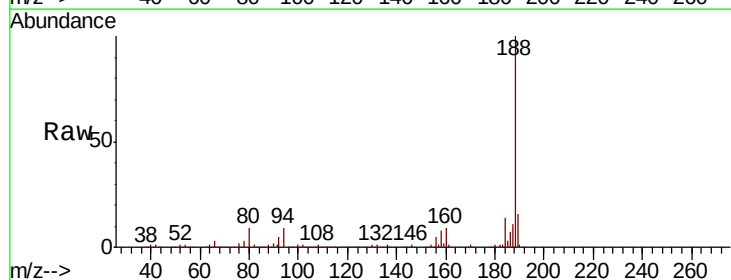
Tgt Ion: 188 Resp: 467345

Ion Ratio Lower Upper

188 100

94 9.3 9.0 13.4

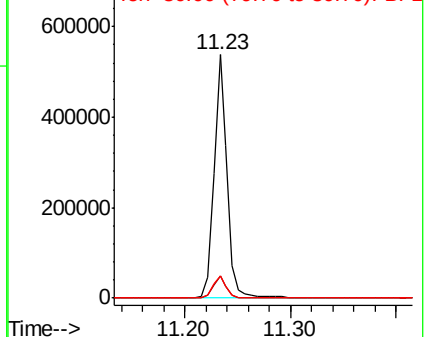
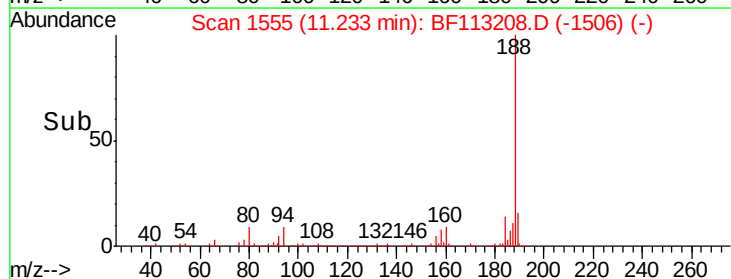
80 9.2 9.2 13.8#

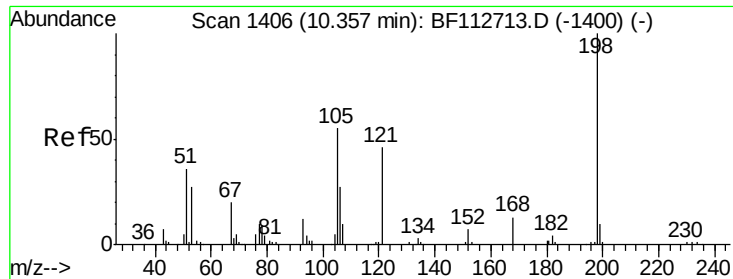


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

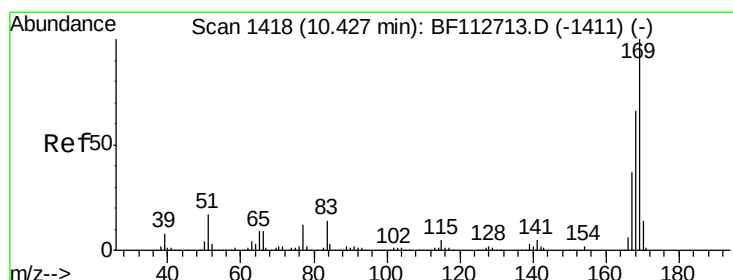
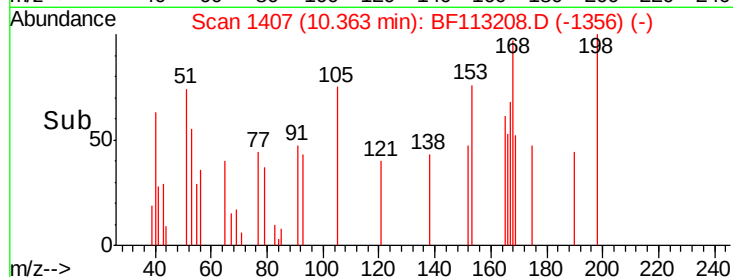
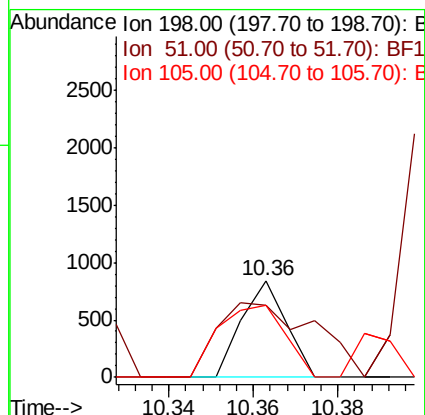
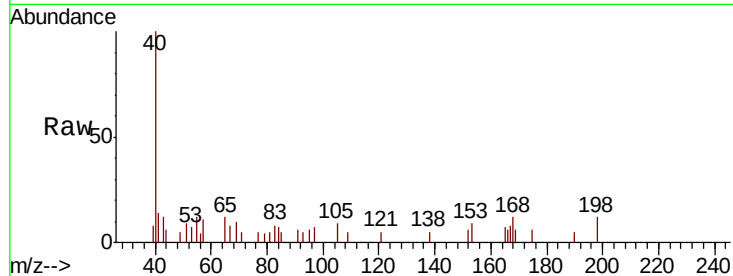




#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.904 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

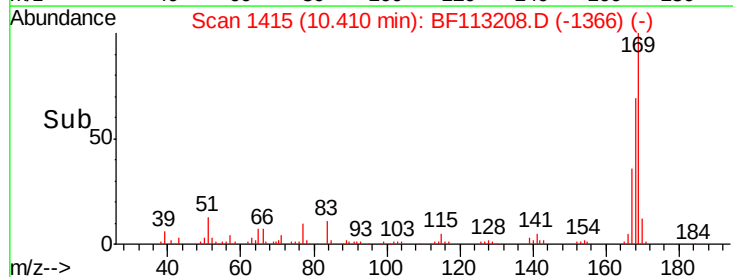
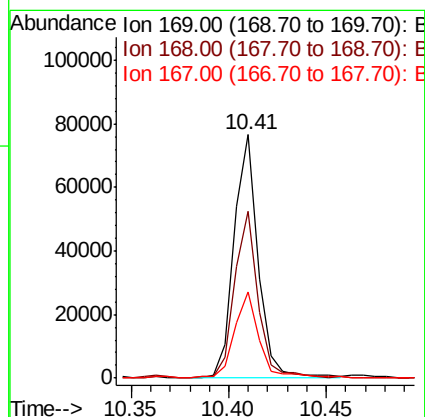
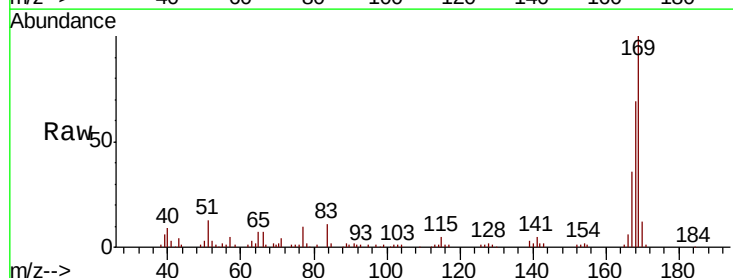
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

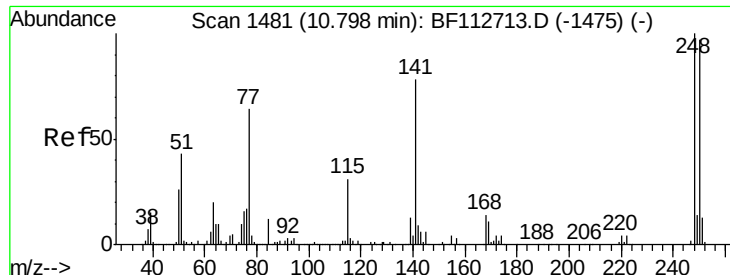
Tgt Ion:198 Resp: 618
 Ion Ratio Lower Upper
 198 100
 51 73.6 43.8 83.8
 105 74.6 36.5 76.5



#66
 n-Nitrosodiphenylamine
 Concen: 4.386 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

Tgt Ion:169 Resp: 65742
 Ion Ratio Lower Upper
 169 100
 168 68.5 53.0 79.6
 167 35.6 29.3 43.9

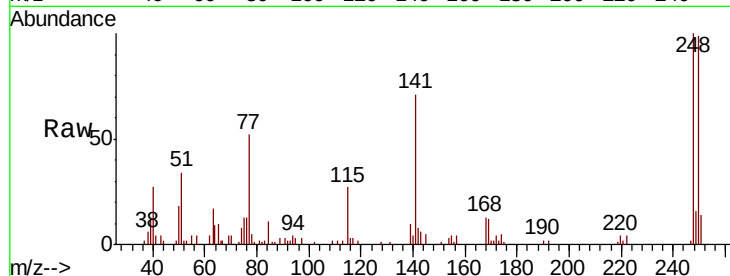




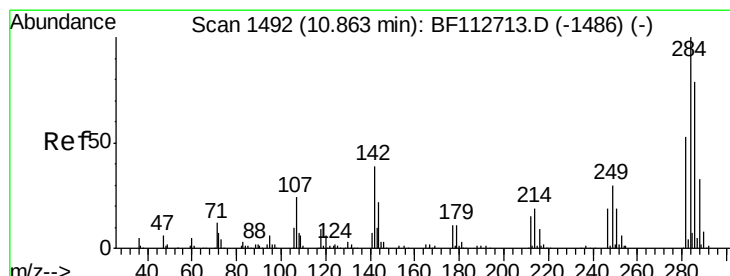
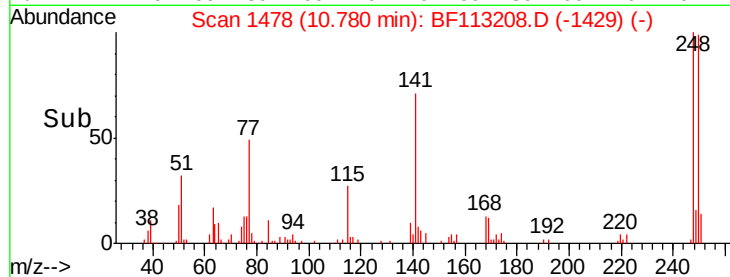
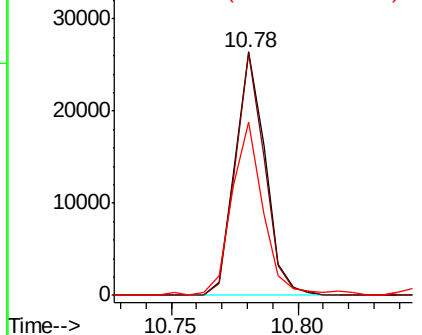
#67
 4-Bromophenyl-phenylether
 Concen: 4.436 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

Tgt Ion:	248	Resp:	21837
Ion Ratio	Lower	Upper	
248	100		
250	99.3	77.5	116.3
141	71.4	62.4	93.6

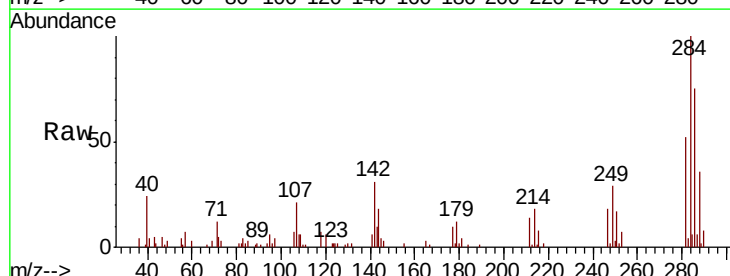


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

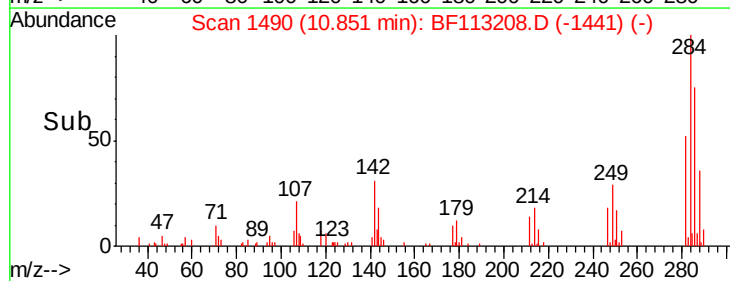
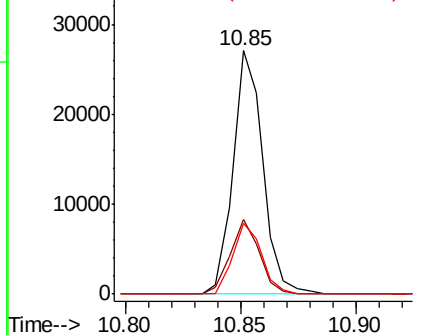


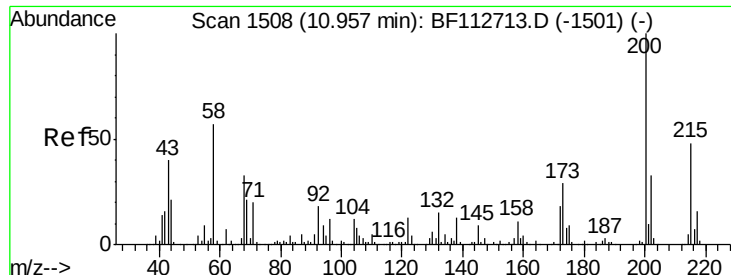
#68
 Hexachlorobenzene
 Concen: 4.370 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

Tgt Ion:	284	Resp:	24250
Ion Ratio	Lower	Upper	
284	100		
142	30.6	31.0	46.6#
249	29.1	23.6	35.4



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

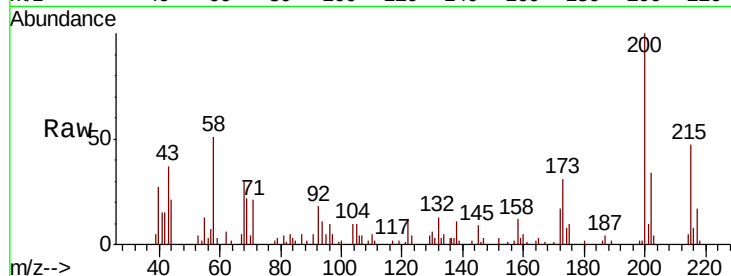




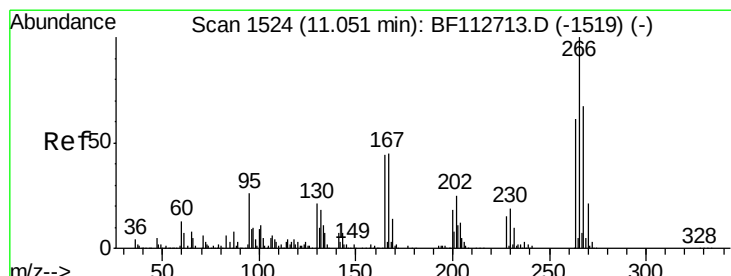
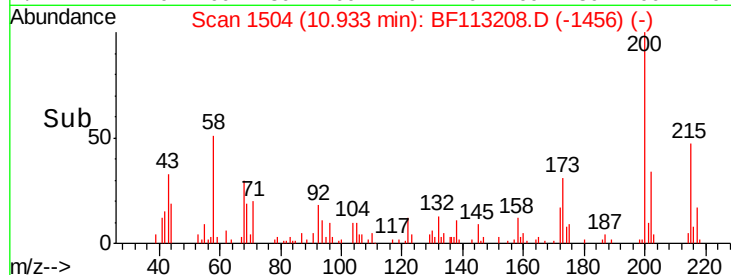
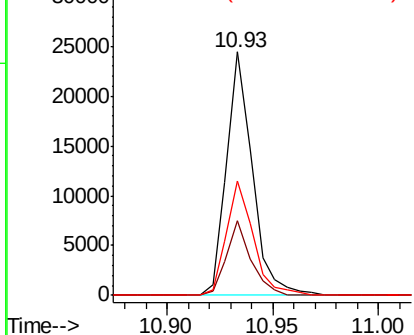
#69
Atrazine
Concen: 4.495 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.02 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

Tgt Ion:200 Resp: 20636
Ion Ratio Lower Upper
200 100
173 30.6 9.1 49.1
215 47.2 28.2 68.2

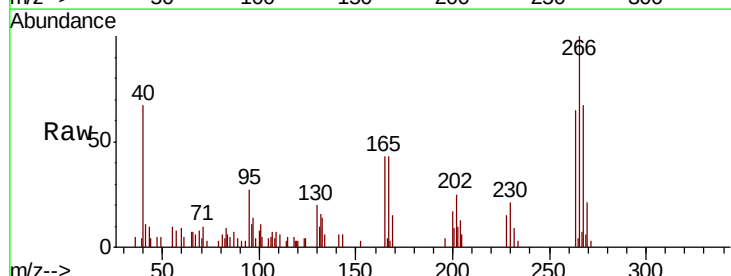


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

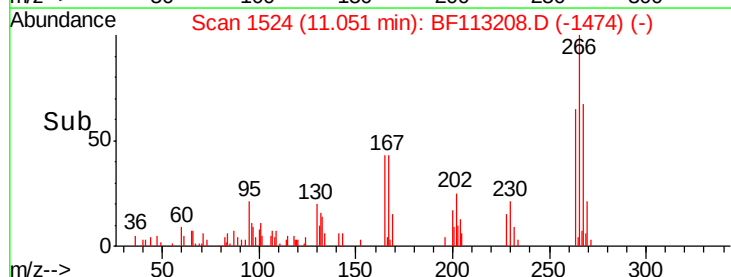
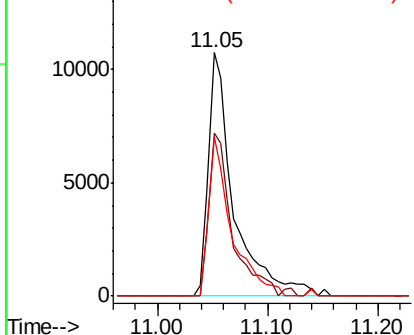


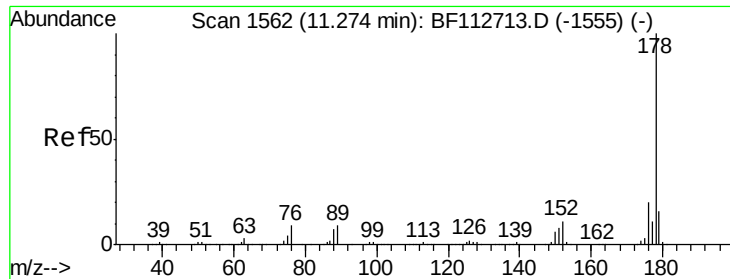
#70
Pentachlorophenol
Concen: 5.199 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Tgt Ion:266 Resp: 16980
Ion Ratio Lower Upper
266 100
268 67.0 53.3 79.9
264 69.9 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

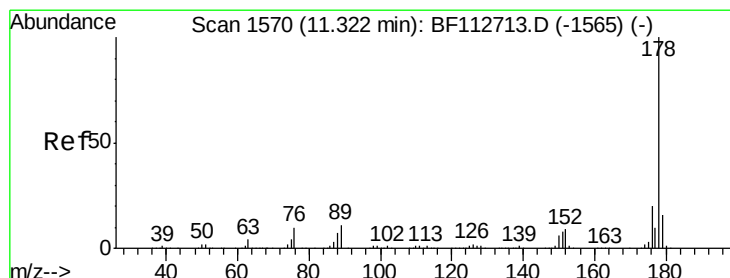
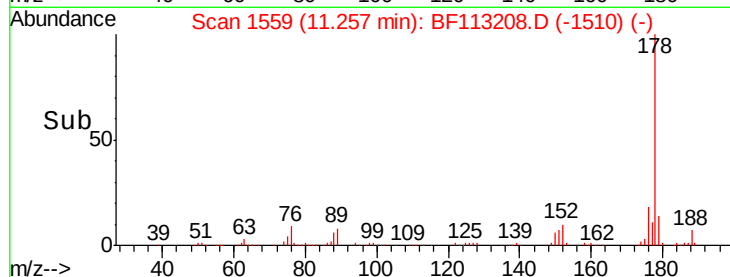
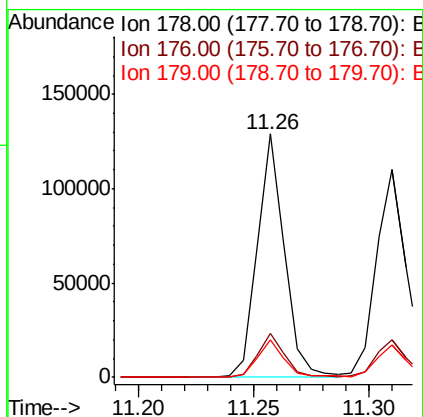
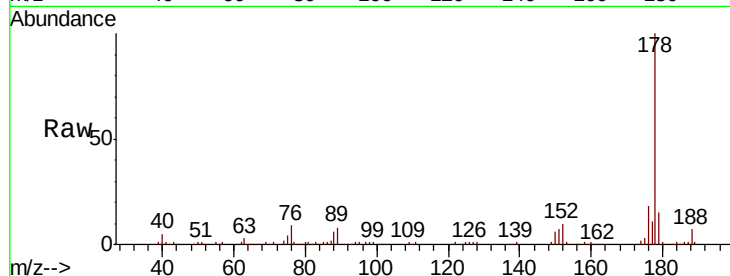




#71
Phenanthrene
Concen: 4.562 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

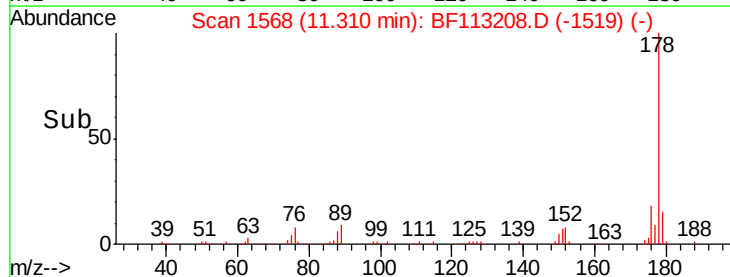
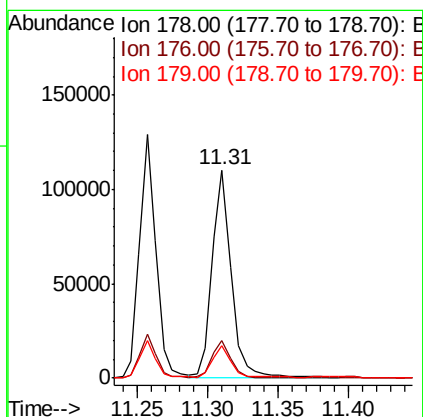
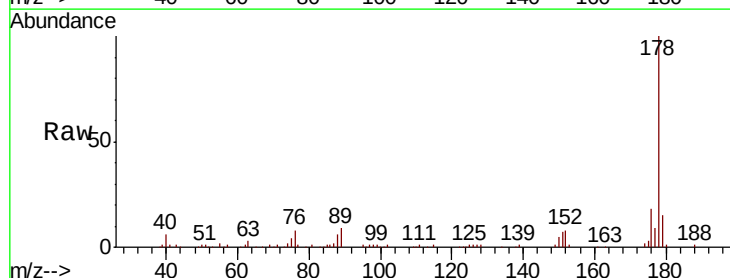
Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

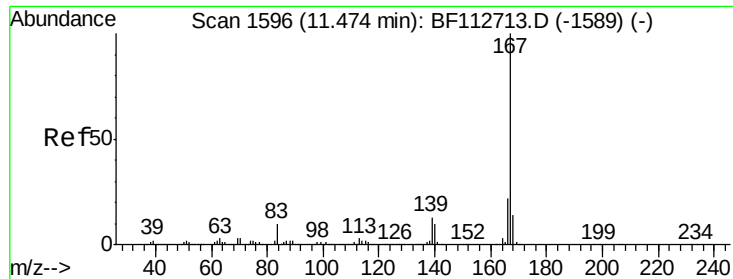
Tgt Ion:178 Resp: 106073
Ion Ratio Lower Upper
178 100
176 18.2 16.3 24.5
179 15.5 12.7 19.1



#72
Anthracene
Concen: 4.254 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Tgt Ion:178 Resp: 103543
Ion Ratio Lower Upper
178 100
176 18.1 15.8 23.6
179 15.4 13.0 19.6

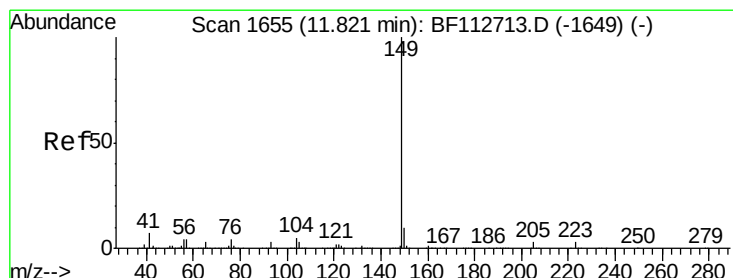
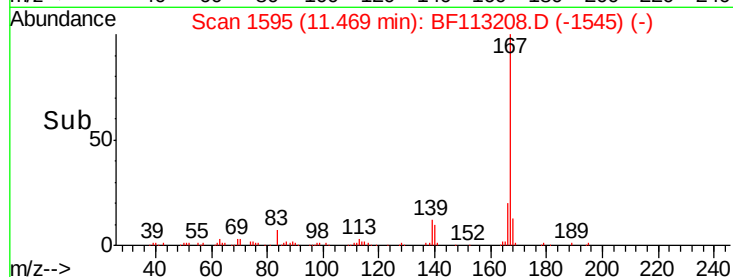
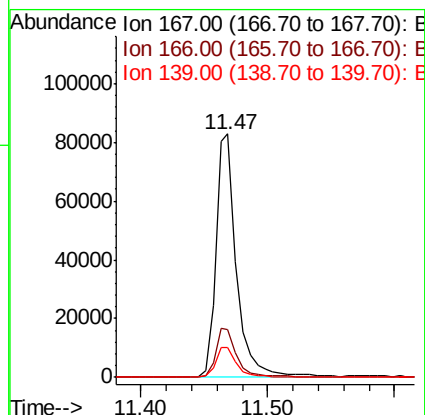
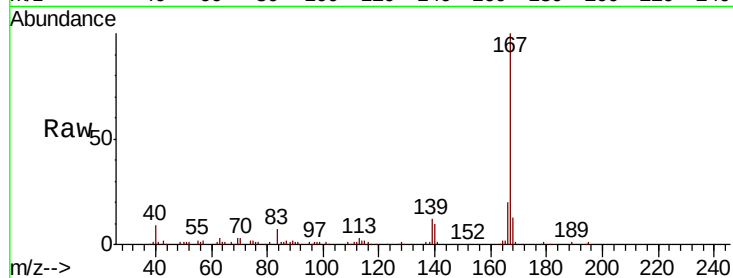




#73
 Carbazole
 Concen: 3.987 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

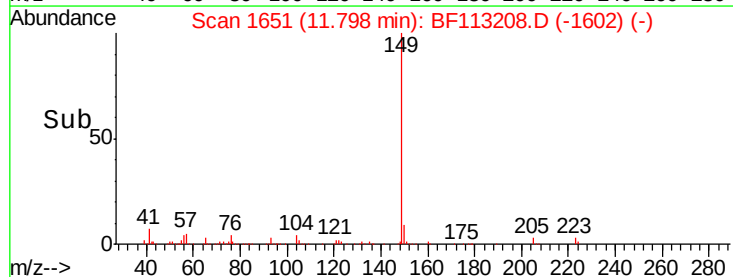
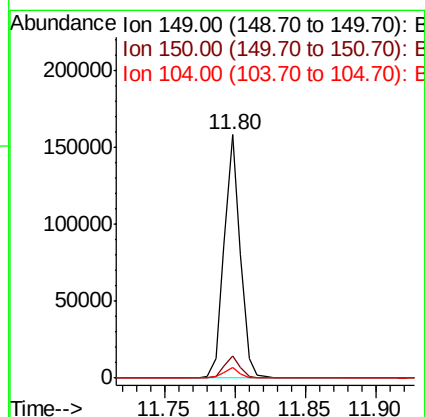
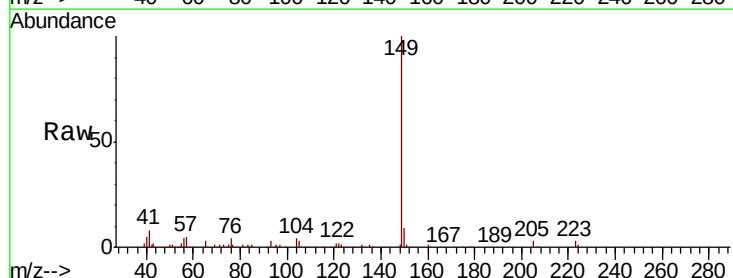
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

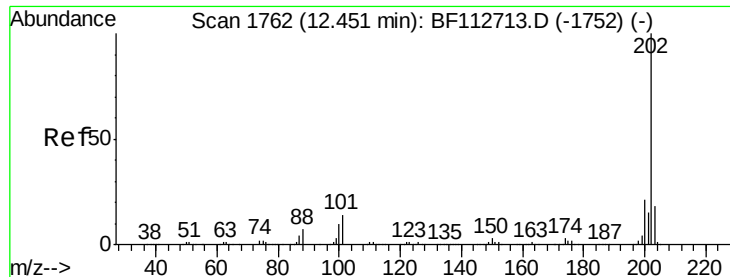
Tgt Ion:167 Resp: 94659
 Ion Ratio Lower Upper
 167 100
 166 19.6 17.5 26.3
 139 12.1 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 4.443 ng
 RT: 11.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

Tgt Ion:149 Resp: 126483
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.6 11.4
 104 4.2 3.7 5.5





#75

Fluoranthene

Concen: 4.503 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

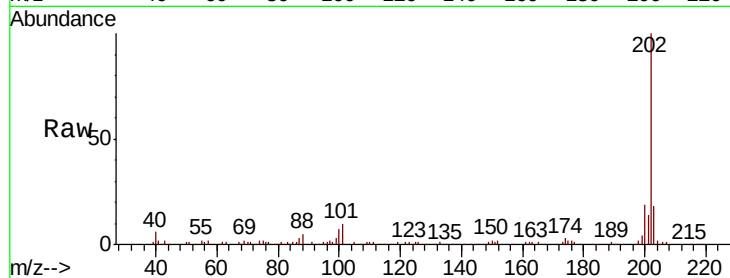
Tgt Ion: 202 Resp: 112172

Ion Ratio Lower Upper

202 100

101 10.0 0.0 33.8

203 17.6 0.0 38.4

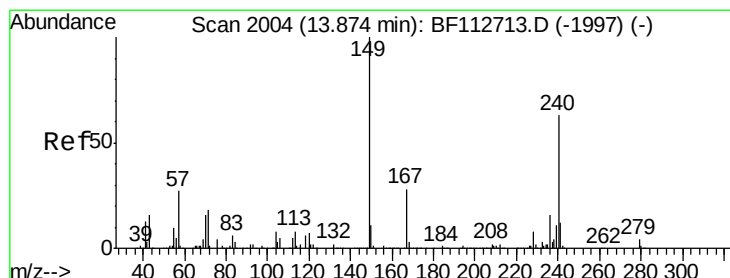
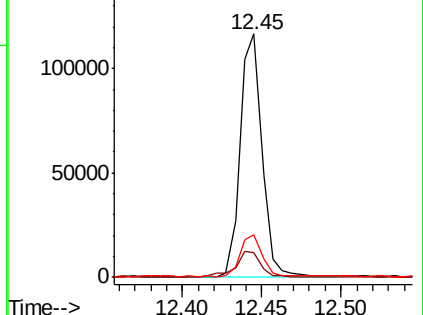
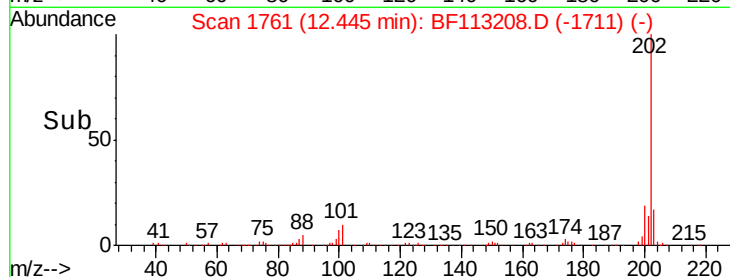


Abundance

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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

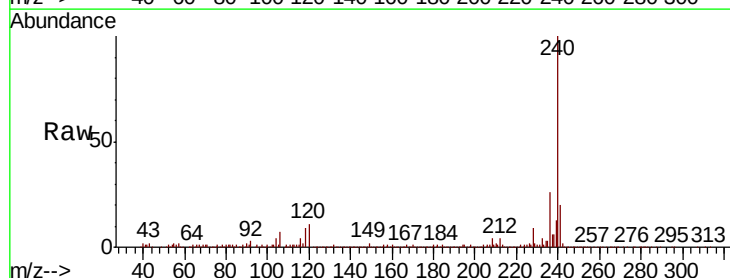
Tgt Ion: 240 Resp: 360525

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

236 26.3 20.7 31.1

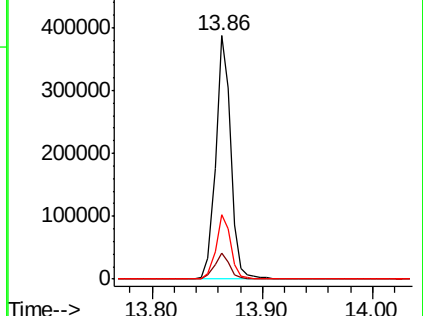
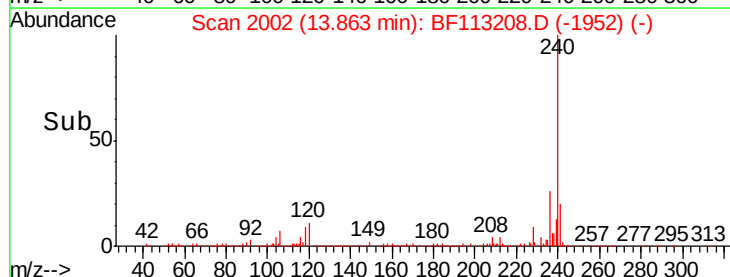


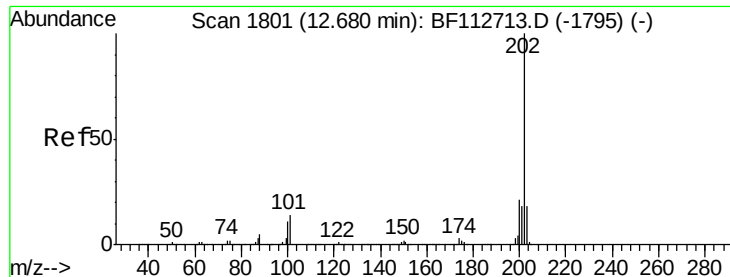
Abundance

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

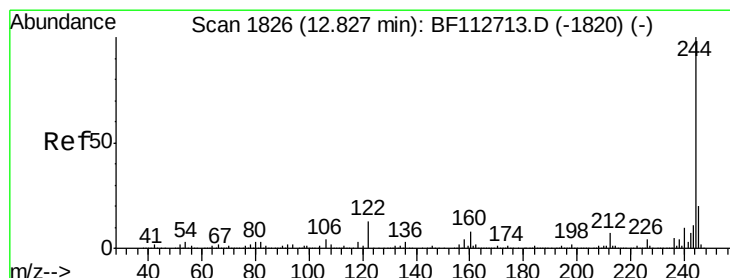
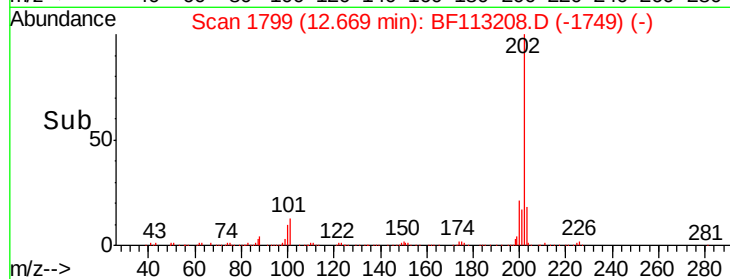
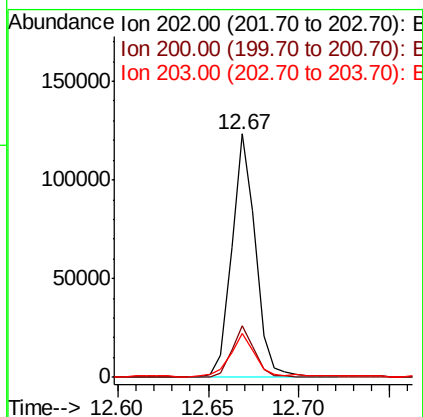
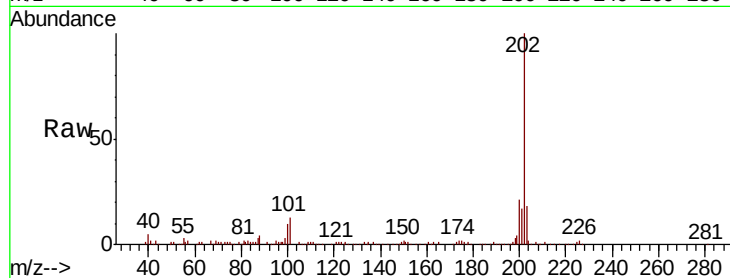




#78
 Pyrene
 Concen: 3.719 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

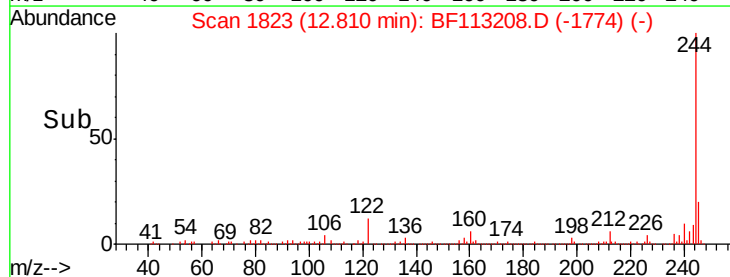
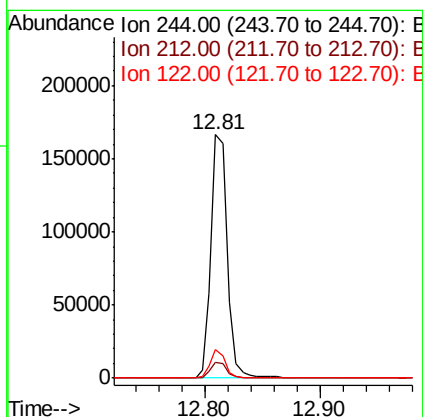
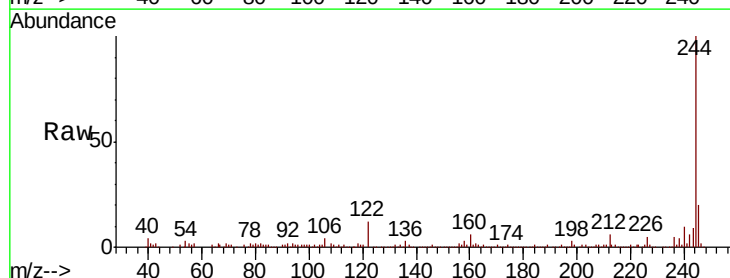
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

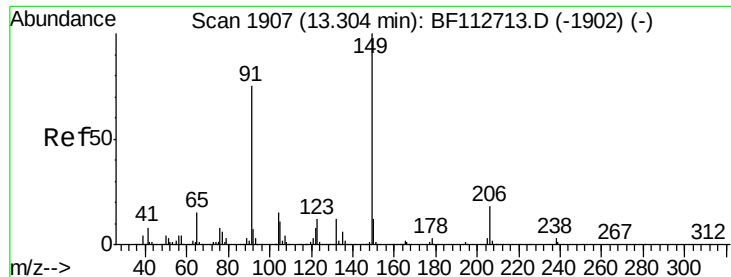
Tgt Ion: 202 Resp: 113044
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.0 25.4
 203 18.3 14.4 21.6



#79
 Terphenyl-d14
 Concen: 8.816 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

Tgt Ion: 244 Resp: 163957
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 11.7 10.5 15.7

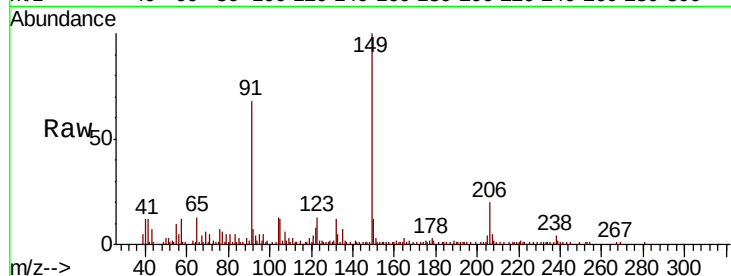




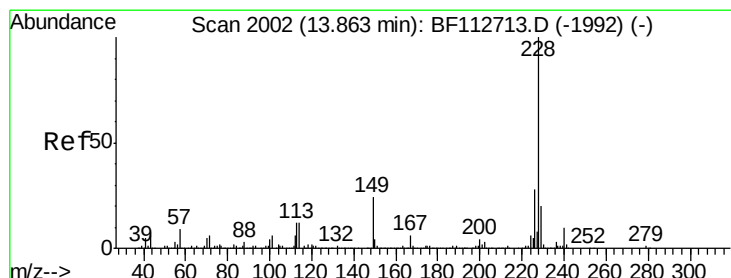
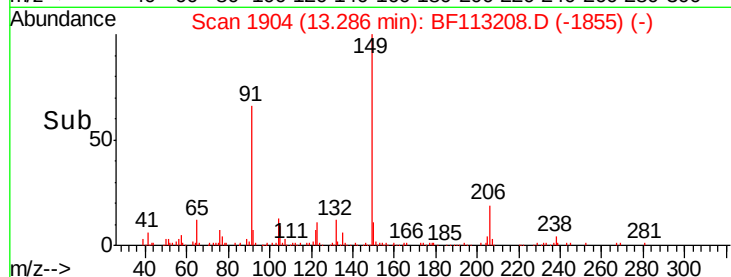
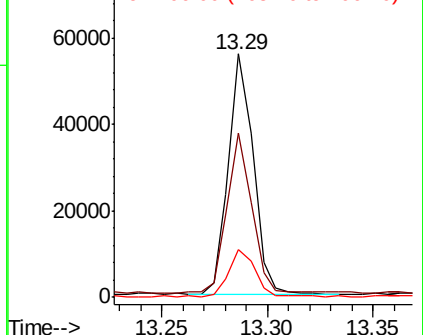
#80
Butylbenzylphthalate
Concen: 3.381 ng
RT: 13.29 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.7	59.9	89.9
206	19.7	14.7	22.1

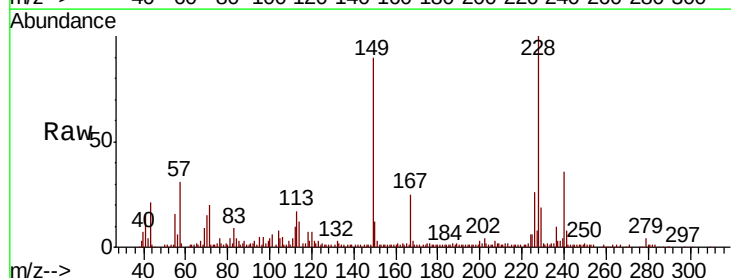


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

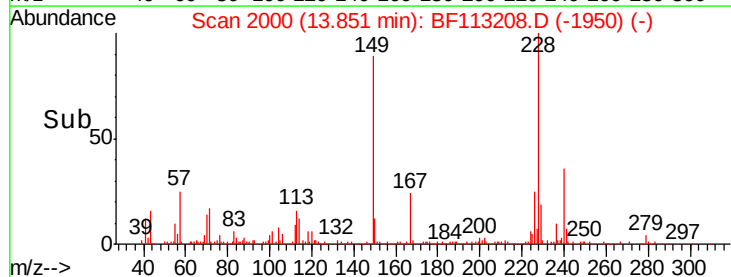
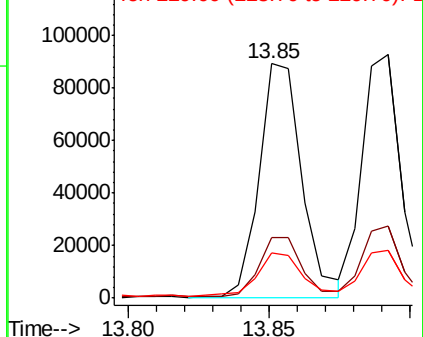


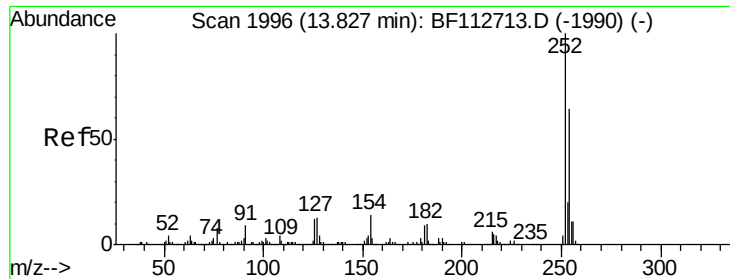
#81
Benzo(a)anthracene
Concen: 3.731 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.2	33.4
229	19.2	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

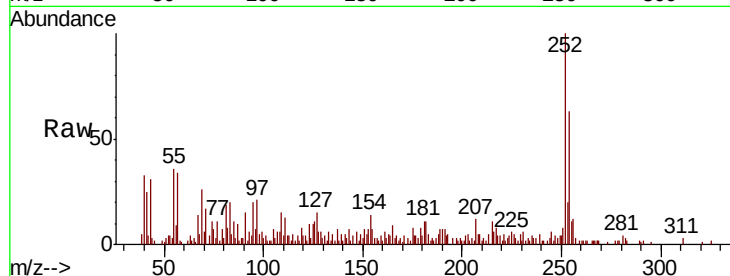




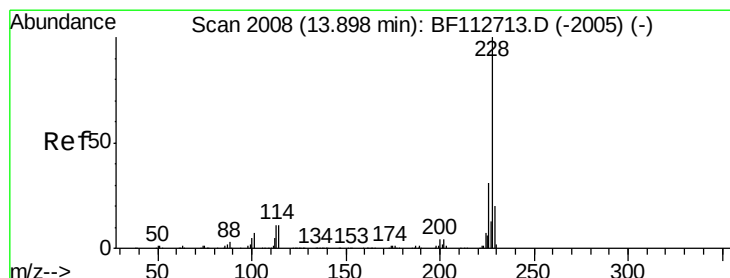
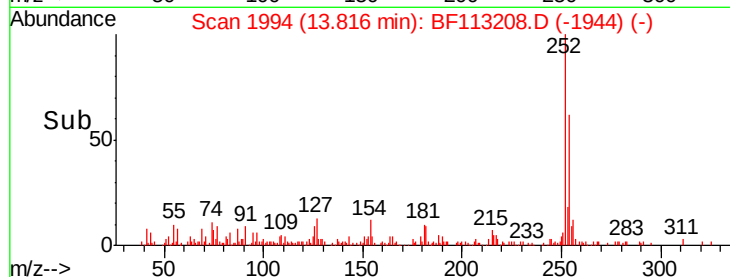
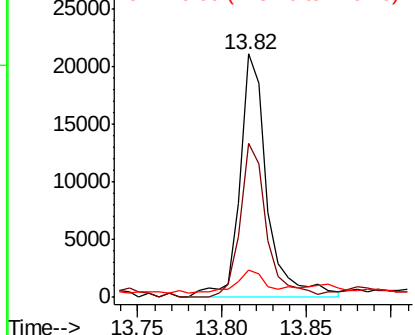
#82
3,3'-Dichlorobenzidine
Concen: 2.501 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

Tgt Ion: 252 Resp: 23639
Ion Ratio Lower Upper
252 100
254 63.2 51.1 76.7
126 11.1 9.9 14.9

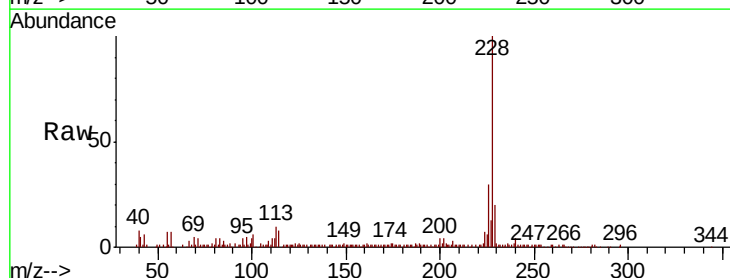


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

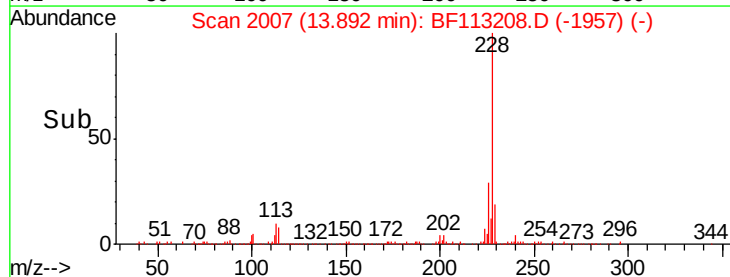
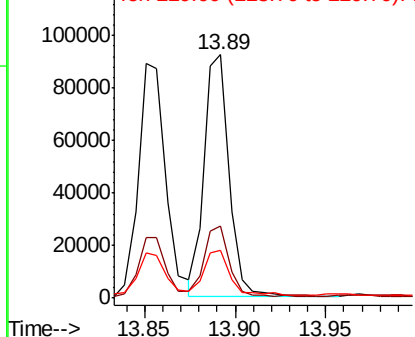


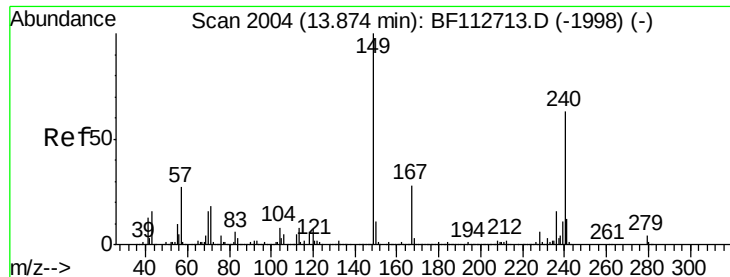
#83
Chrysene
Concen: 3.618 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Tgt Ion: 228 Resp: 88549
Ion Ratio Lower Upper
228 100
226 29.8 24.9 37.3
229 19.8 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: 4.114 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

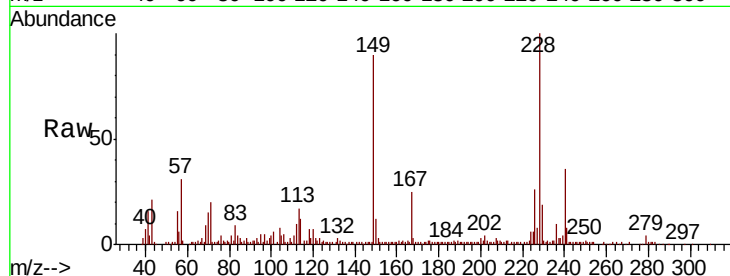
Tgt Ion:149 Resp: 64737

Ion Ratio Lower Upper

149 100

167 27.6 22.4 33.6

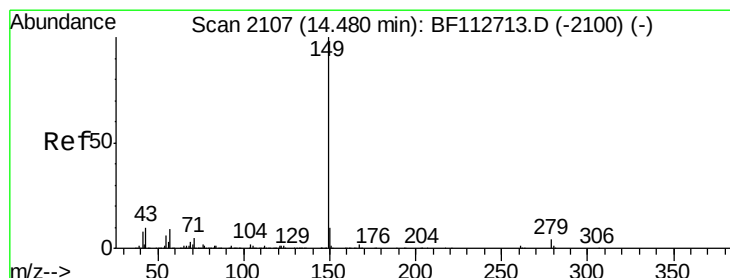
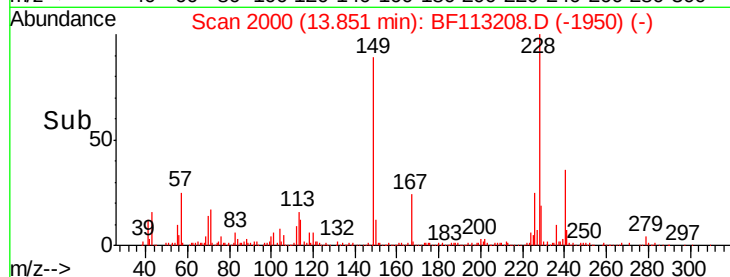
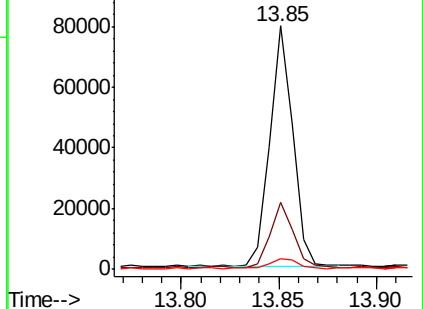
279 4.3 3.3 4.9



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: 4.158 ng

RT: 14.46 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

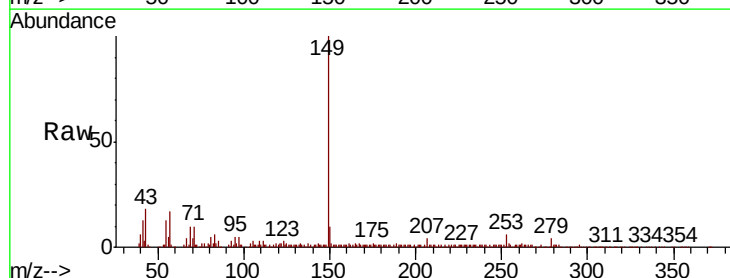
Tgt Ion:149 Resp: 112347

Ion Ratio Lower Upper

149 100

167 2.3 1.2 1.8#

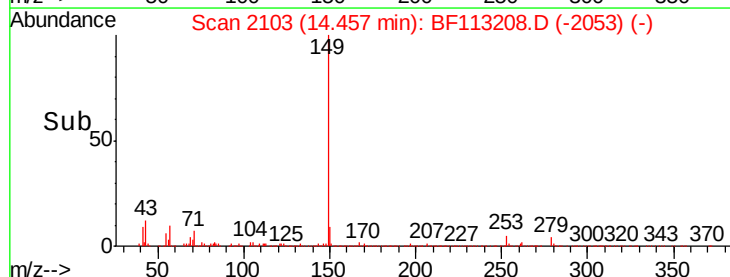
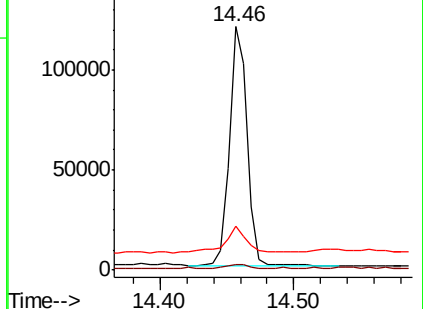
43 13.8 9.0 13.4#

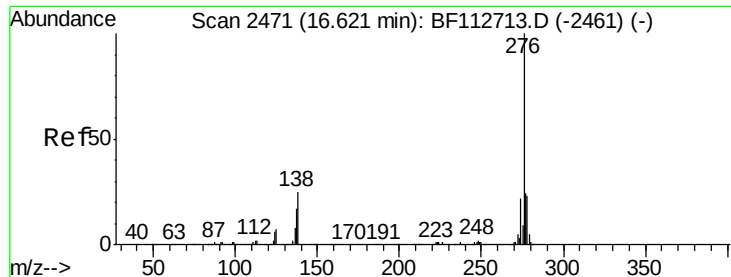


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

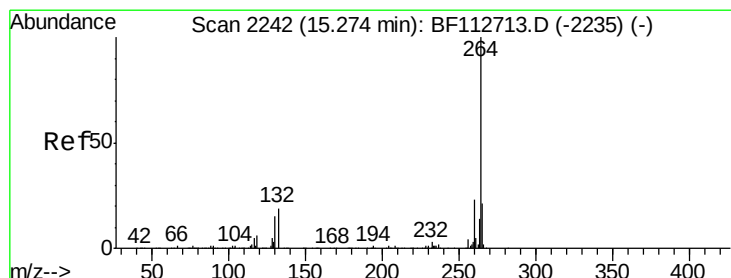
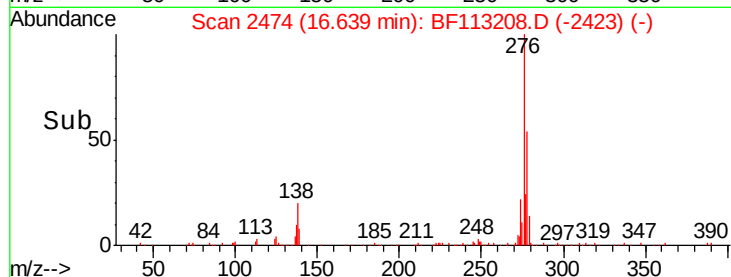
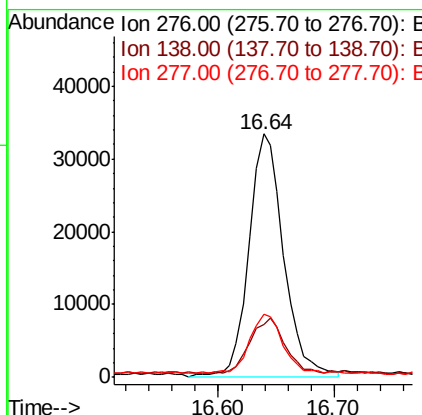
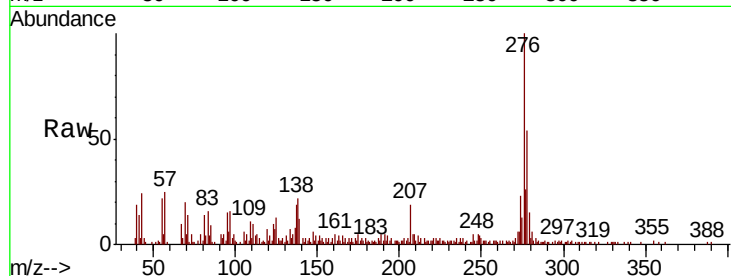




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 3.387 ng
 RT: 16.64 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

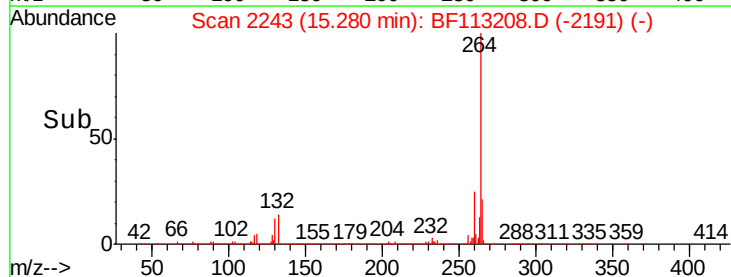
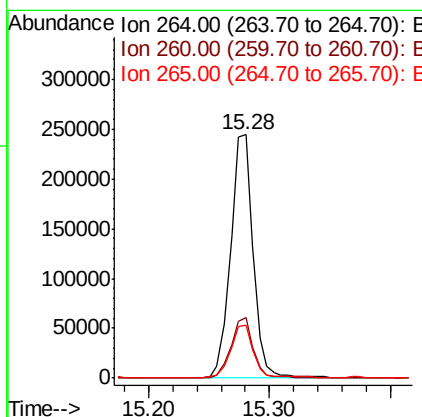
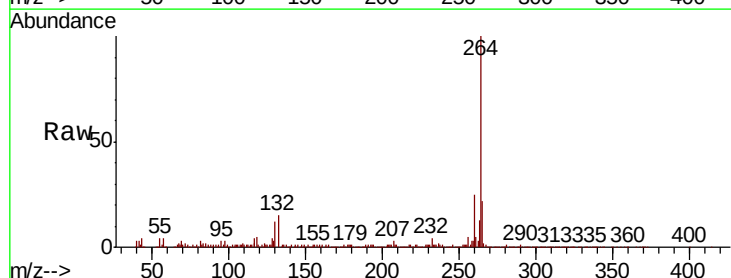
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-I

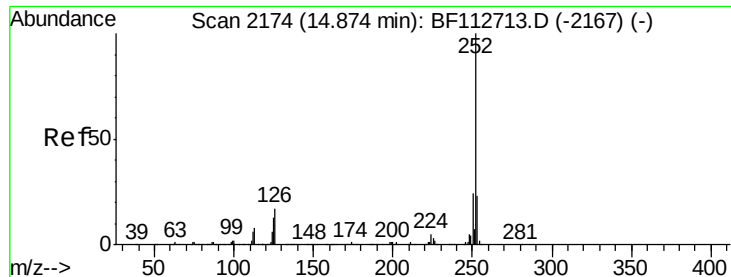
Tgt Ion: 276 Resp: 70681
 Ion Ratio Lower Upper
 276 100
 138 22.9 23.2 34.8#
 277 24.0 19.9 29.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BF113208.D
 Acq: 21 Mar 2019 15:04

Tgt Ion: 264 Resp: 317347
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.7 28.1
 265 21.8 17.2 25.8

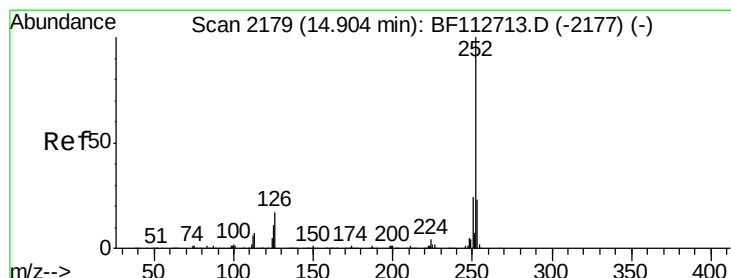
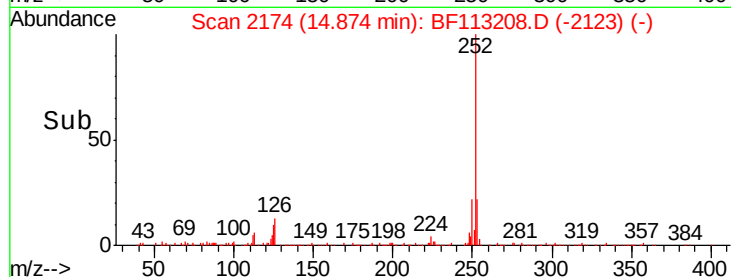
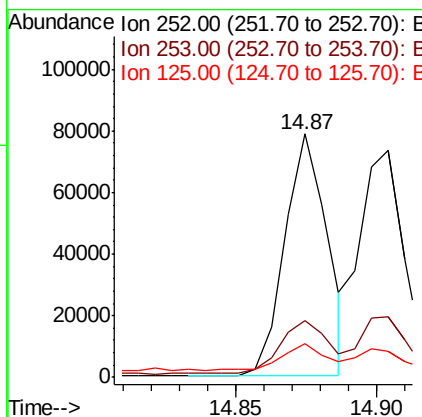
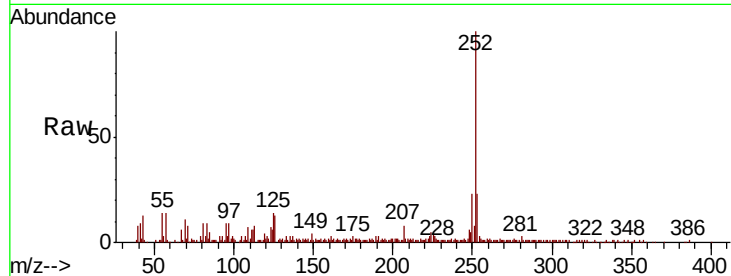




#88
Benzo(b)fluoranthene
Concen: 3.991 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

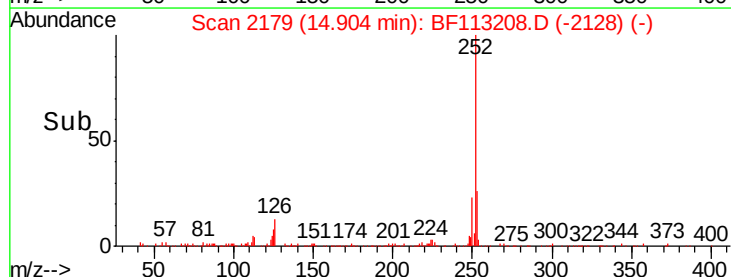
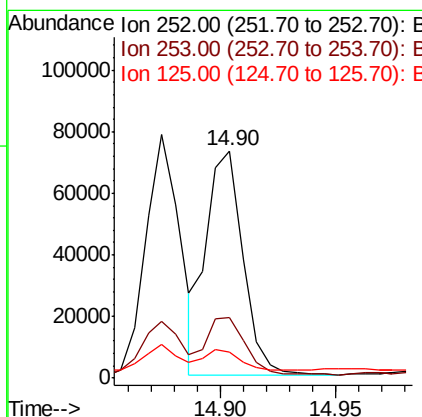
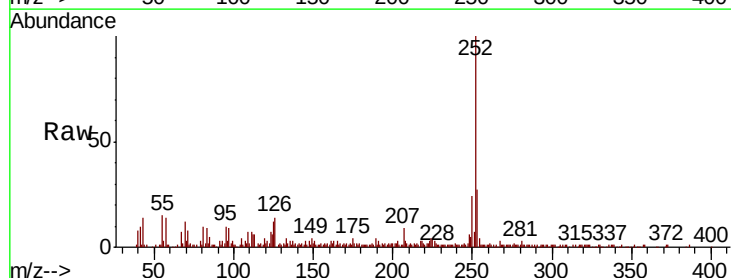
Instrument :
BNA_F
ClientSampleId :
JC-02-031919-I

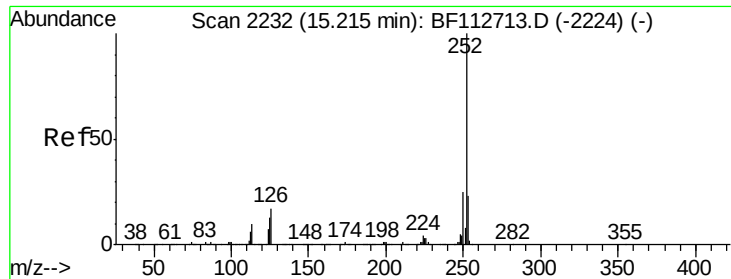
Tgt Ion: 252 Resp: 81933
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 13.8 10.2 15.2



#89
Benzo(k)fluoranthene
Concen: 4.340 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF113208.D
Acq: 21 Mar 2019 15:04

Tgt Ion: 252 Resp: 80700
Ion Ratio Lower Upper
252 100
253 26.9 18.2 27.2
125 11.6 9.8 14.6





#90

Benzo(a)pyrene

Concen: 4.099 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

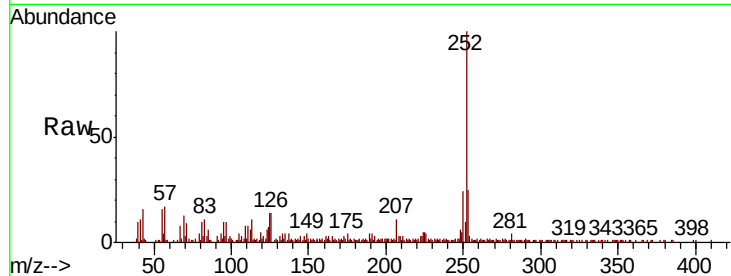
Tgt Ion:252 Resp: 74419

Ion Ratio Lower Upper

252 100

253 25.4 18.0 27.0

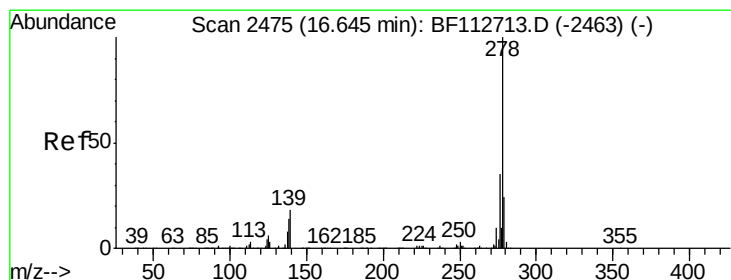
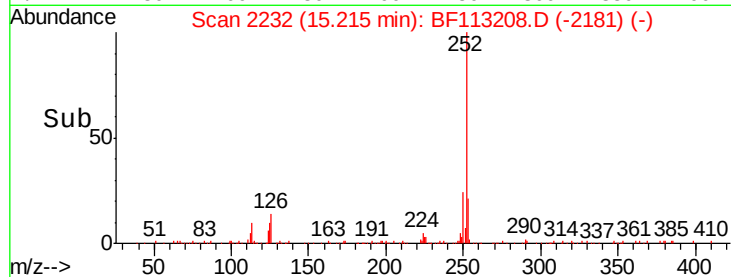
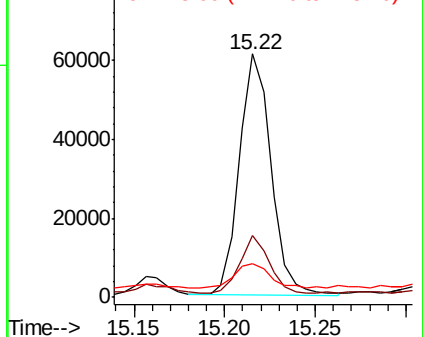
125 13.7 10.7 16.1



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: 3.759 ng

RT: 16.65 min Scan# 2476

Delta R.T. -0.00 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

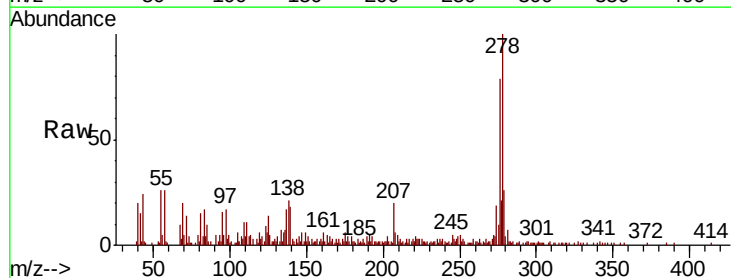
Tgt Ion:278 Resp: 58241

Ion Ratio Lower Upper

278 100

139 17.7 14.3 21.5

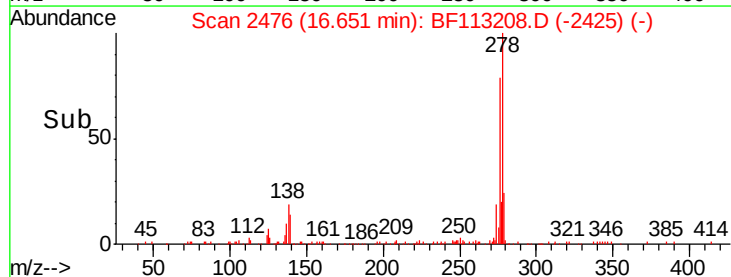
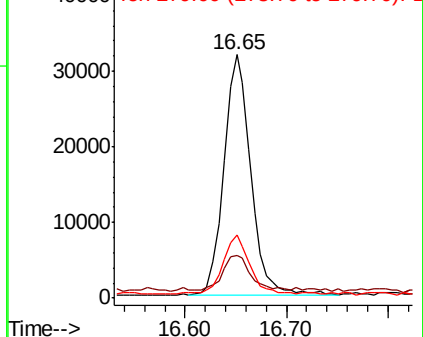
279 25.9 19.4 29.0

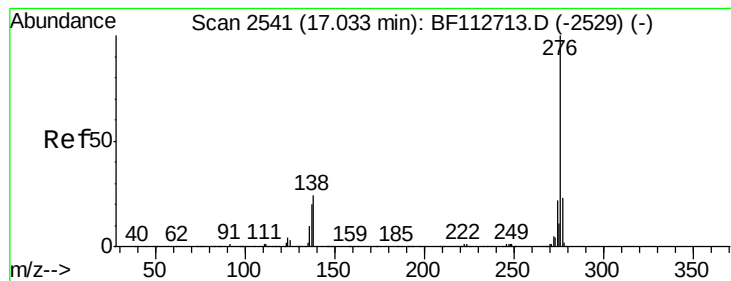


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.667 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.01 min

Lab File: BF113208.D

Acq: 21 Mar 2019 15:04

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

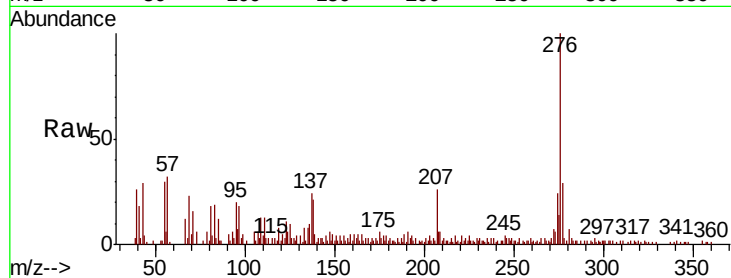
Tgt Ion: 276 Resp: 57044

Ion Ratio Lower Upper

276 100

277 28.9 18.6 27.8#

138 26.5 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

