

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114700.D
 Acq On : 31 May 2019 11:34
 Operator : HP/JU
 Sample : PB120137BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120137BS

Quant Time: Jun 01 00:20:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	1569481	20.00	ng	0.01
21) Naphthalene-d8	7.99	136	5571992	20.00	ng	0.01
39) Acenaphthene-d10	9.73	164	2884228	20.00	ng	0.01
64) Phenanthrene-d10	11.21	188	4791802	20.00	ng	0.02
76) Chrysene-d12	13.83	240	3275891	20.00	ng	0.02
87) Perylene-d12	15.23	264	3401028	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	7789892	87.14	ng	0.06
7) Phenol-d6	6.38	99	9490714	88.10	ng	0.05
23) Nitrobenzene-d5	7.28	82	6821481	76.38	ng	0.02
42) 2,4,6-Tribromophenol	10.53	330	2955447	107.54	ng	0.03
45) 2-Fluorobiphenyl	9.06	172	8604834	49.33	ng	0.01
79) Terphenyl-d14	12.80	244	9058760	51.99	ng	0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	2.47	88	320351	7.468 ng	97
4) n-Nitrosodimethylamine	3.10	42	354202	7.011 ng	96
6) Aniline	6.41	93	672979	4.136 ng	96
8) 2-Chlorophenol	6.50	128	703891	6.818 ng	95
9) Benzaldehyde	6.25	77	338544	Below Cal	96
10) Phenol	6.39	94	889182	6.833 ng	96
11) bis(2-Chloroethyl)ether	6.46	93	658347	6.614 ng	100
12) 1,3-Dichlorobenzene	6.65	146	949163	8.070 ng	98
13) 1,4-Dichlorobenzene	6.72	146	921061	7.806 ng	99
14) 1,2-Dichlorobenzene	6.88	146	718880	6.692 ng	100
15) Benzyl Alcohol	6.85	79	718755	8.483 ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1140564	7.471 ng	99
17) 2-Methylphenol	6.96	107	752855	8.622 ng	99
18) Hexachloroethane	7.22	117	349133	7.815 ng	92
19) n-Nitroso-di-n-propylamine	7.13	70	617379	8.303 ng	99
20) 3+4-Methylphenols	7.12	107	875363	8.524 ng	92
22) Acetophenone	7.12	105	1213468	10.221 ng	# 98
24) Nitrobenzene	7.29	77	790937	8.337 ng	95
25) Isophorone	7.52	82	1647344	9.191 ng	100
26) 2-Nitrophenol	7.60	139	476679	10.322 ng	95
27) 2,4-Dimethylphenol	7.64	122	818590	10.658 ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	1047918	9.185 ng	99
29) 2,4-Dichlorophenol	7.84	162	782901	10.015 ng	100
30) 1,2,4-Trichlorobenzene	7.93	180	853360	9.581 ng	99
31) Naphthalene	8.00	128	2403039	9.363 ng	99
32) Benzoic acid	7.76	122	517582	10.376 ng	98
33) 4-Chloroaniline	8.05	127	706848	5.781 ng	99
34) Hexachlorobutadiene	8.13	225	457927	9.255 ng	99
35) Caprolactam	8.43	113	235004	8.908 ng	94
36) 4-Chloro-3-methylphenol	8.53	107	769407	9.814 ng	100
37) 2-Methylnaphthalene	8.69	142	1744674	10.231 ng	99
38) 1-Methylnaphthalene	8.79	142	1653241	10.233 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	735076	9.570 ng	99
41) Hexachlorocyclopentadiene	8.85	237	927517	18.274 ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114700.D
 Acq On : 31 May 2019 11:34
 Operator : HP/JU
 Sample : PB120137BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120137BS

Quant Time: Jun 01 00:20:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

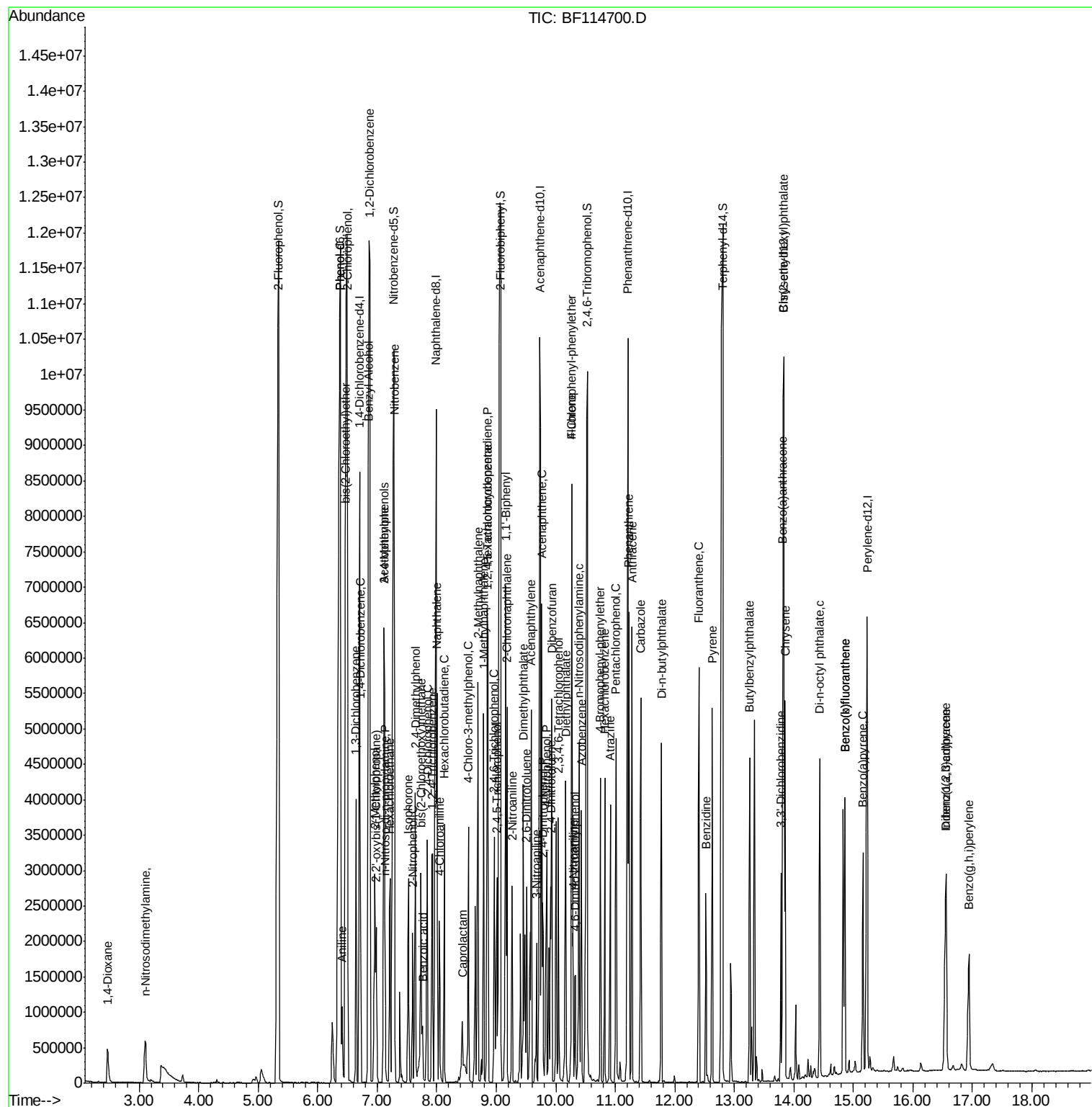
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.97	196	582880	9.645	ng	99
44) 2,4,5-Trichlorophenol	9.01	196	578651	9.595	ng	99
46) 1,1'-Biphenyl	9.16	154	2065965	9.650	ng	99
47) 2-Chloronaphthalene	9.18	162	1642874	9.355	ng	99
48) 2-Nitroaniline	9.27	65	462662	8.537	ng	91
49) Acenaphthylene	9.59	152	2490811	9.180	ng	99
50) Dimethylphthalate	9.46	163	1857676	9.243	ng	99
51) 2,6-Dinitrotoluene	9.52	165	439057	9.402	ng	94
52) Acenaphthene	9.76	154	1653117	9.935	ng	99
53) 3-Nitroaniline	9.67	138	315819	5.526	ng	98
54) 2,4-Dinitrophenol	9.79	184	369404	20.054	ng	96
55) Dibenzofuran	9.93	168	2163505	9.134	ng	99
56) 4-Nitrophenol	9.85	139	747936	17.659	ng	98
57) 2,4-Dinitrotoluene	9.92	165	572042	9.544	ng	# 84
58) Fluorene	10.27	166	1533450	4.982	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	476462	9.652	ng	99
60) Diethylphthalate	10.16	149	1855288	9.038	ng	100
61) 4-Chlorophenyl-phenylether	10.27	204	772815	5.359	ng	97
62) 4-Nitroaniline	10.29	138	443889	7.970	ng	94
63) Azobenzene	10.43	77	1673679	8.881	ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	232667	10.950	ng	80
66) n-Nitrosodiphenylamine	10.39	169	1550397	10.951	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	524000	10.197	ng	93
68) Hexachlorobenzene	10.82	284	560650	10.073	ng	98
69) Atrazine	10.92	200	480884	8.832	ng	99
70) Pentachlorophenol	11.02	266	615729	19.192	ng	98
71) Phenanthrene	11.23	178	2282848	9.339	ng	100
72) Anthracene	11.28	178	2412136	9.750	ng	99
73) Carbazole	11.43	167	2139987	9.842	ng	99
74) Di-n-butylphthalate	11.77	149	2658366	6.422	ng	98
75) Fluoranthene	12.40	202	2328650	9.200	ng	100
77) Benzidine	12.52	184	942430	6.986	ng	98
78) Pyrene	12.63	202	2327796	8.400	ng	99
80) Butylbenzylphthalate	13.26	149	1128517	8.103	ng	98
81) Benzo(a)anthracene	13.81	228	1851425	7.355	ng	98
82) 3,3'-Dichlorobenzidine	13.78	252	583773	6.005	ng	97
83) Chrysene	13.86	228	1816108	7.551	ng	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	1121416	6.513	ng	99
85) Di-n-octyl phthalate	14.43	149	2312445	7.730	ng	96
86) Indeno(1,2,3-cd)pyrene	16.54	276	1633556	6.781	ng	99
88) Benzo(b)fluoranthene	14.86	252	1574442	7.350	ng	98
89) Benzo(k)fluoranthene	14.86	252	1574442	8.456	ng	97
90) Benzo(a)pyrene	15.16	252	1507044	8.008	ng	100
91) Dibenzo(a,h)anthracene	16.56	278	1356075	8.155	ng	99
92) Benzo(g,h,i)perylene	16.94	276	1364283	8.453	ng	99

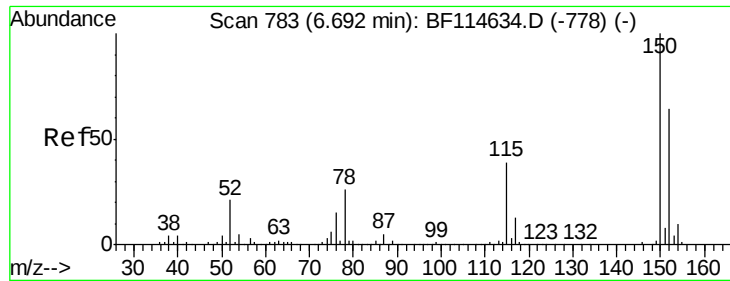
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
Data File : BF114700.D
Acq On : 31 May 2019 11:34
Operator : HP/JU
Sample : PB120137BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
PB120137BS

Quant Time: Jun 01 00:20:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

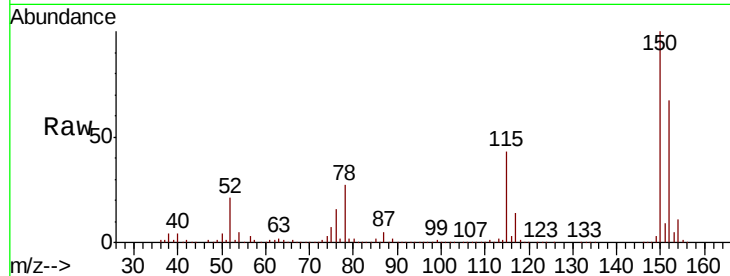
Tgt Ion:152 Resp: 1569481

Ion Ratio Lower Upper

152 100

150 150.3 124.4 186.6

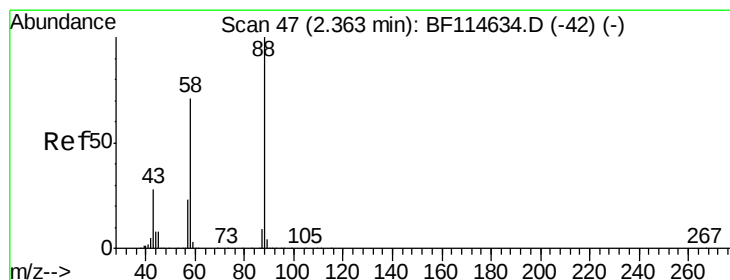
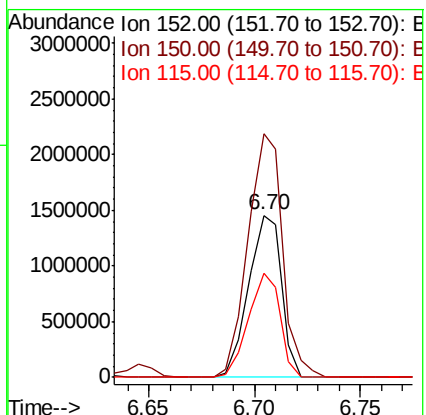
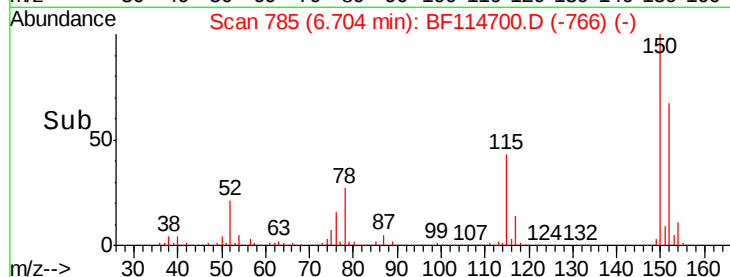
115 64.5 48.7 73.1



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: 7.468 ng

RT: 2.47 min Scan# 65

Delta R.T. 0.11 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

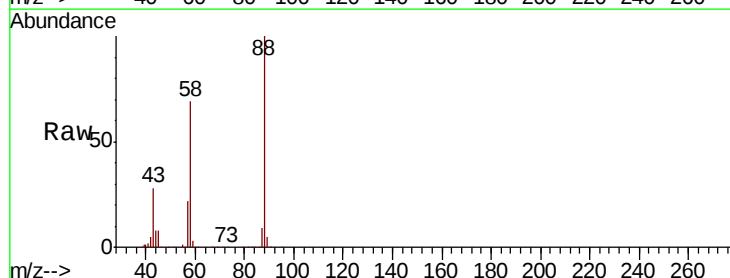
Tgt Ion: 88 Resp: 320351

Ion Ratio Lower Upper

88 100

58 68.9 57.2 85.8

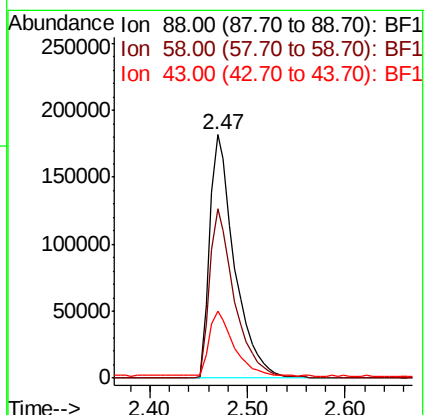
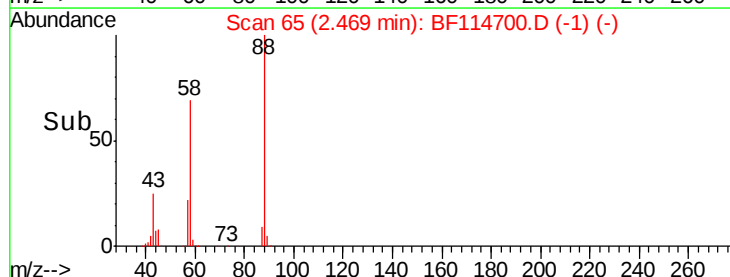
43 26.1 22.6 33.8

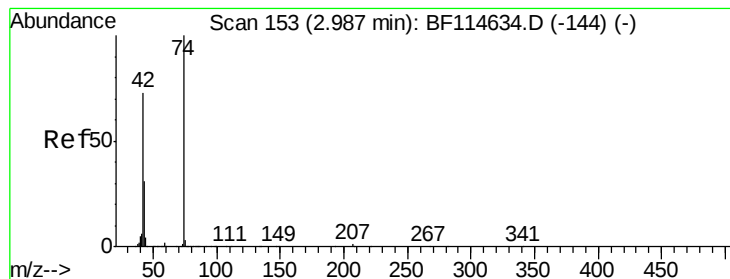


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#4

n-Nitrosodimethylamine

Concen: 7.011 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.12 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

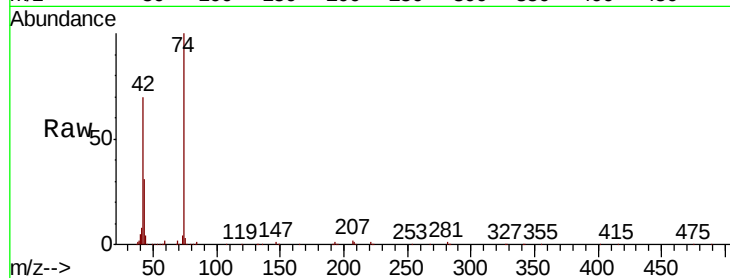
Tgt Ion: 42 Resp: 354202

Ion Ratio Lower Upper

42 100

74 142.0 110.0 165.0

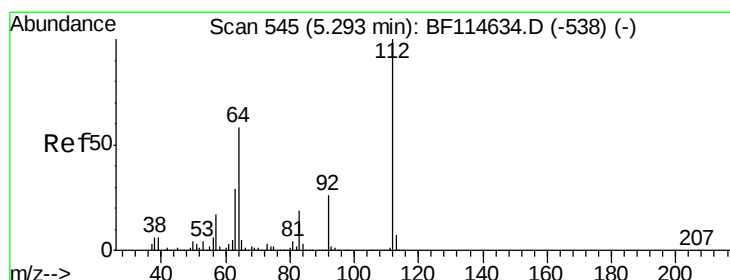
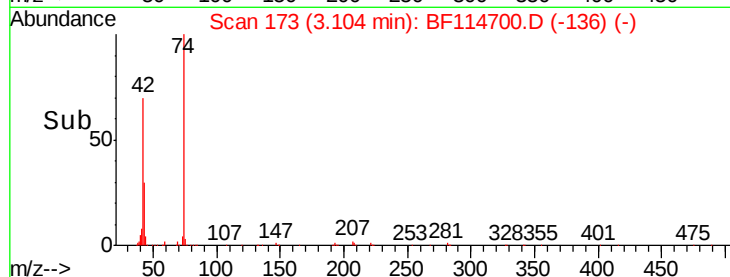
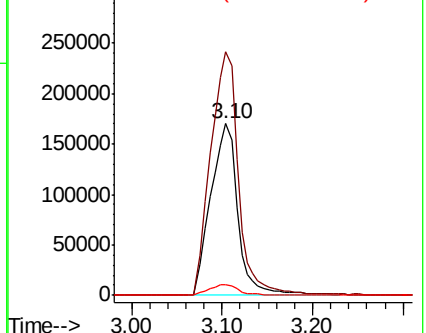
44 6.3 5.6 8.4



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: 87.142 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.06 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

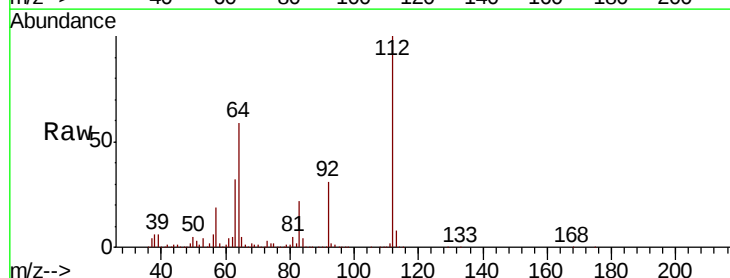
Tgt Ion: 112 Resp: 7789892

Ion Ratio Lower Upper

112 100

64 59.1 46.1 69.1

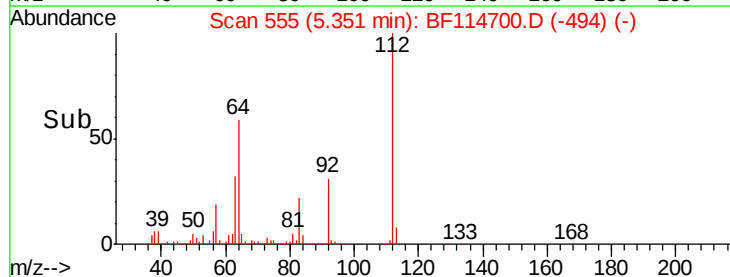
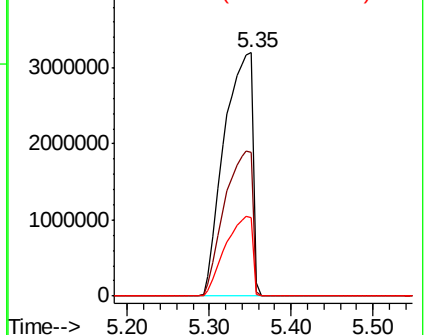
63 32.0 23.4 35.2

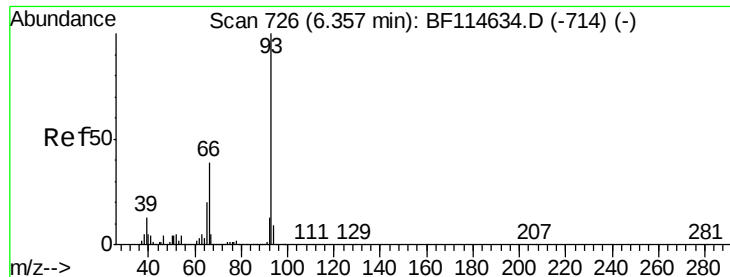


Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 4.136 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.05 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

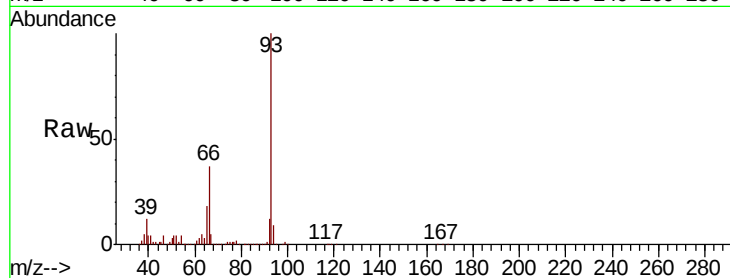
Tgt Ion: 93 Resp: 672979

Ion Ratio Lower Upper

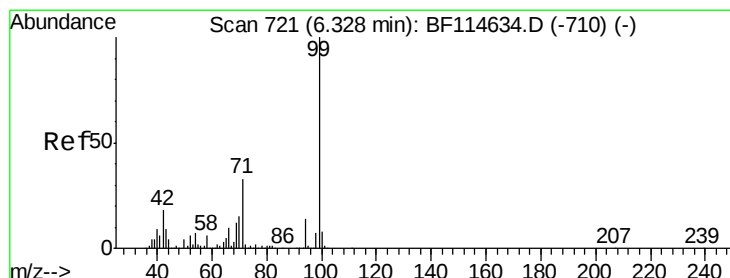
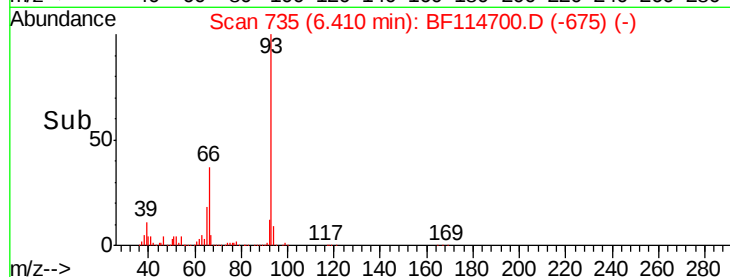
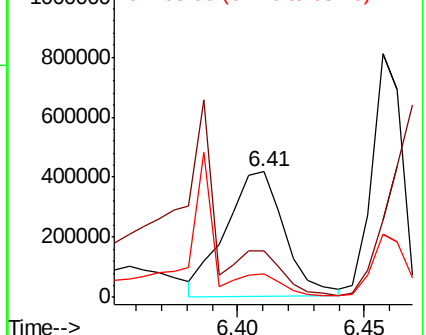
93 100

66 36.8 31.4 47.2

65 18.5 16.2 24.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 88.104 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.05 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

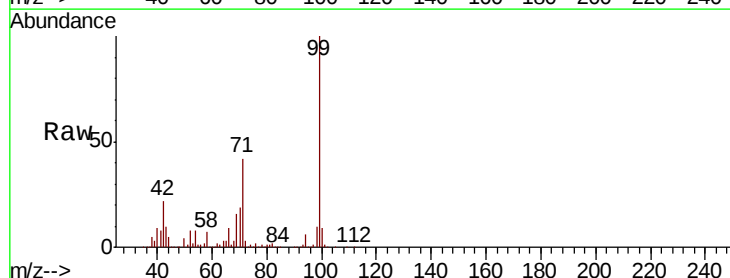
Tgt Ion: 99 Resp: 9490714

Ion Ratio Lower Upper

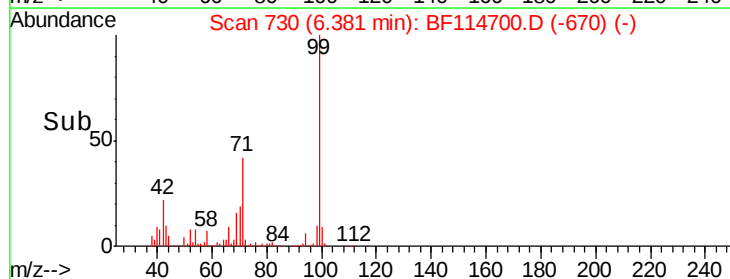
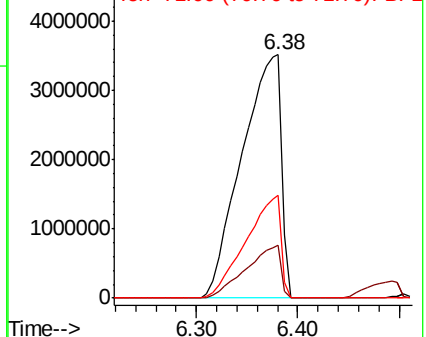
99 100

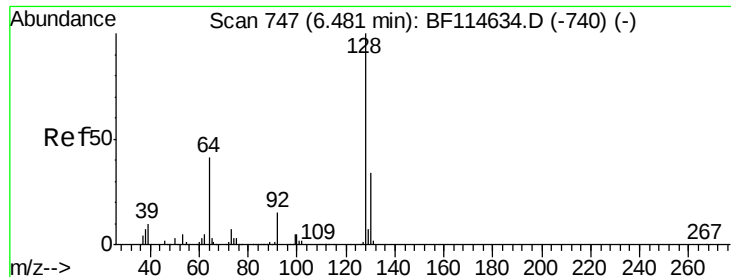
42 21.5 14.7 22.1

71 42.2 26.6 40.0#



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: 6.818 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.02 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

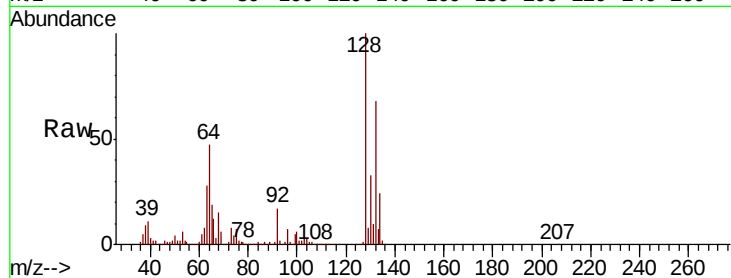
Tgt Ion: 128 Resp: 703891

Ion Ratio Lower Upper

128 100

130 33.1 13.9 53.9

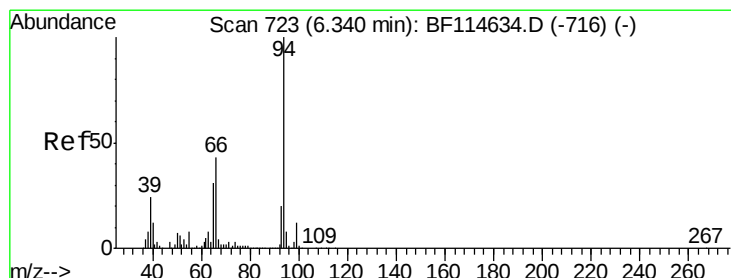
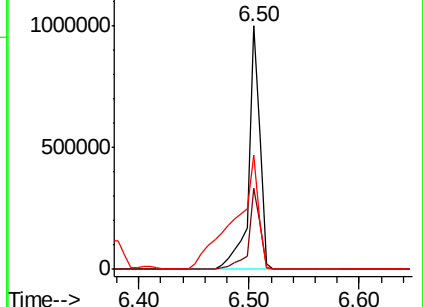
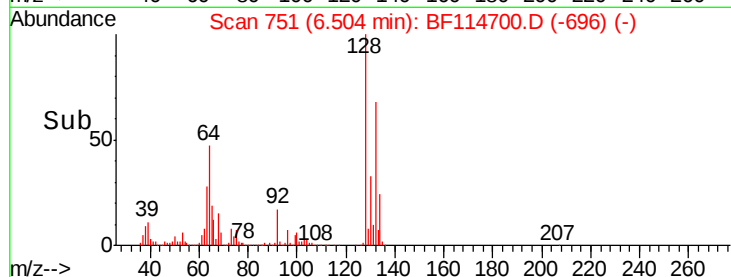
64 46.8 22.0 62.0



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: 6.833 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.05 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

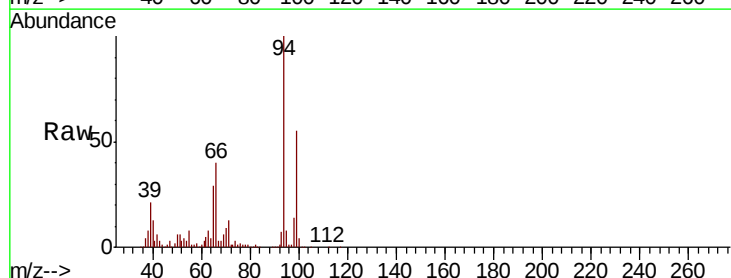
Tgt Ion: 94 Resp: 889182

Ion Ratio Lower Upper

94 100

65 29.2 11.0 51.0

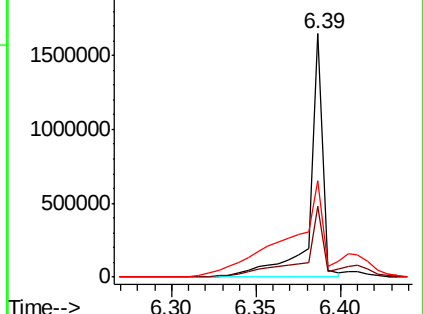
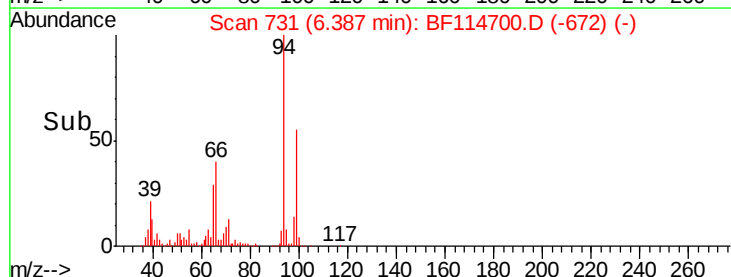
66 39.9 23.0 63.0

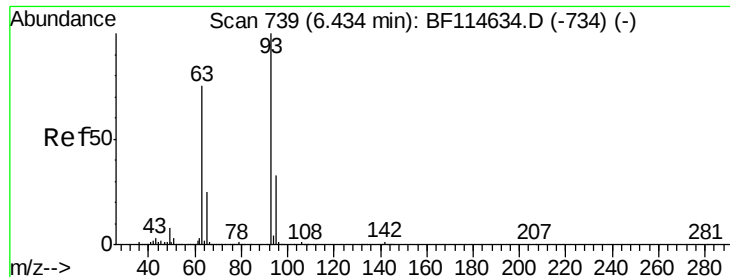


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

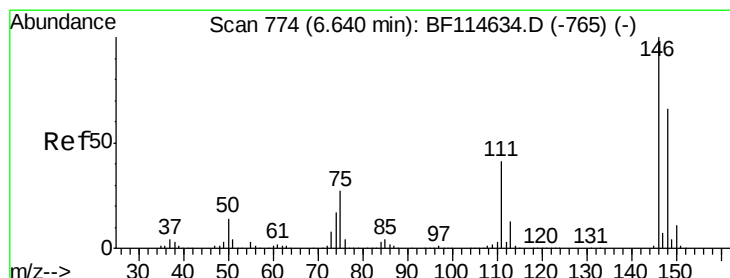
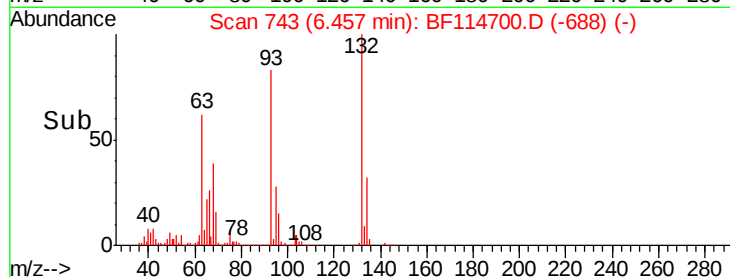
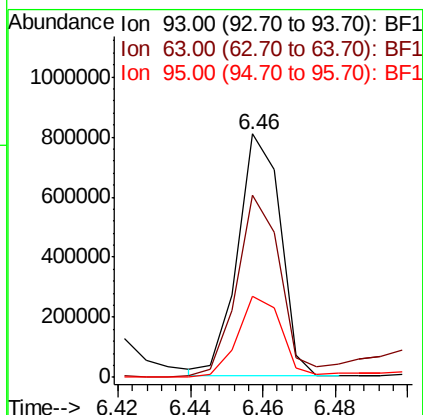
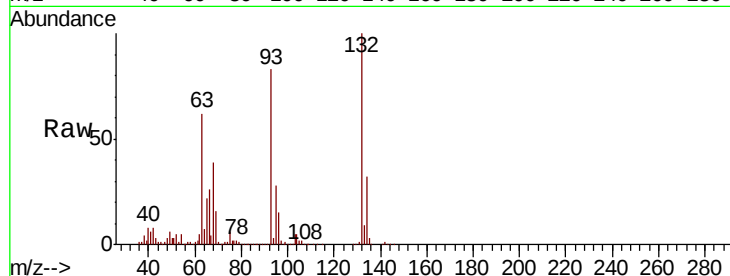




#11
bis(2-Chloroethyl)ether
Concen: 6.614 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.02 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

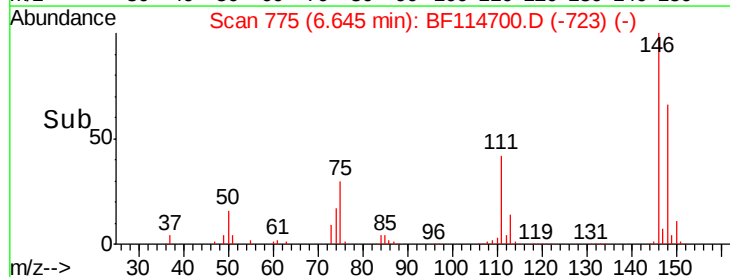
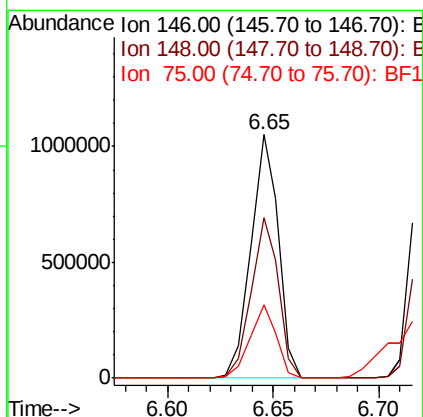
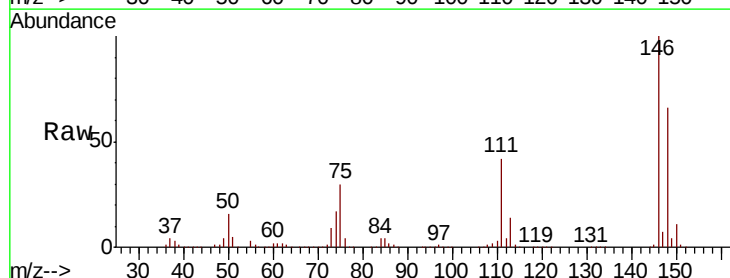
Instrument :
BNA_F
ClientSampleId :
PB120137BS

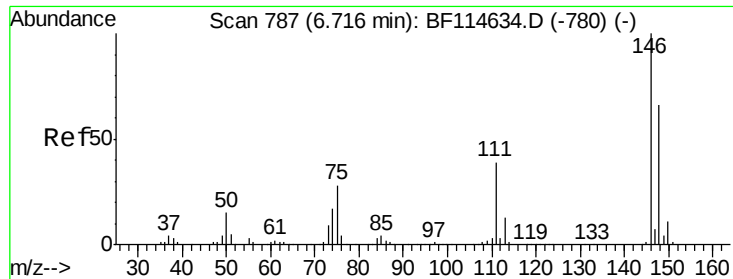
Tgt Ion	Ratio	Lower	Upper
93	100		
63	74.9	55.0	95.0
95	33.4	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 8.070 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.9	79.3
75	29.9	22.0	33.0

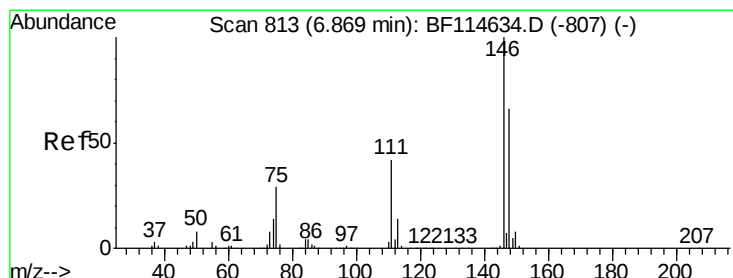
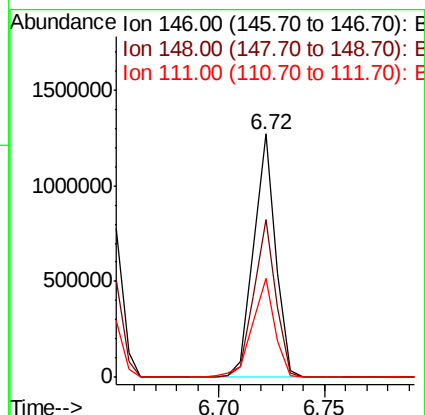
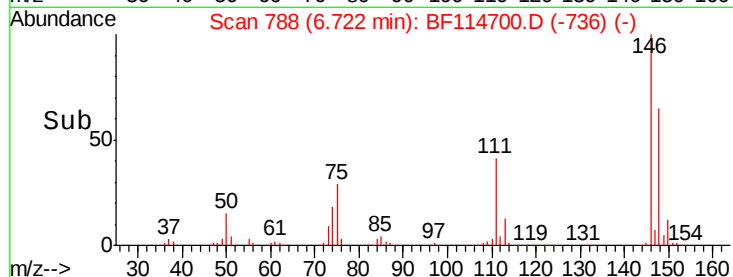
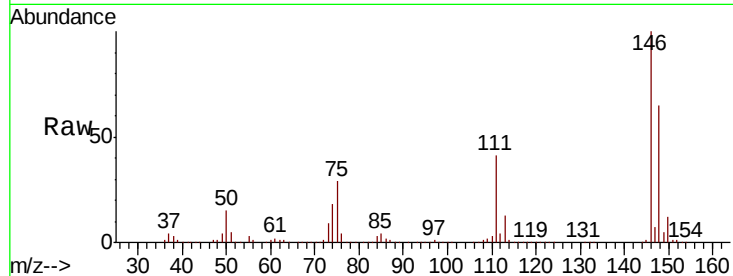




#13
 1,4-Dichlorobenzene
 Concen: 7.806 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

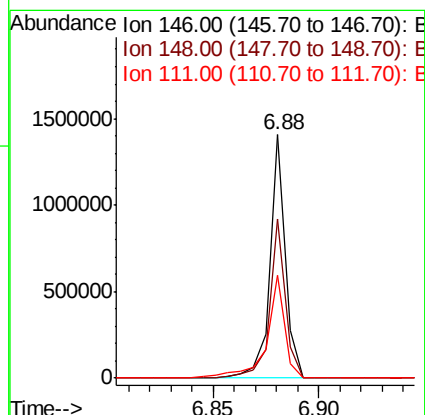
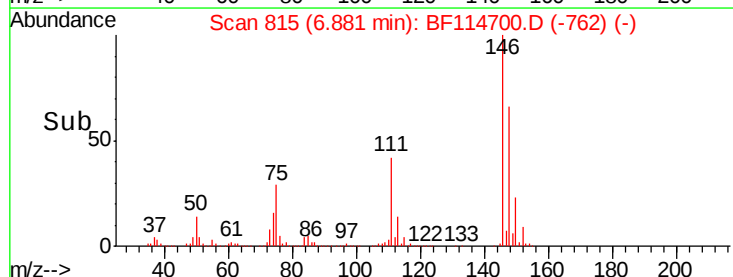
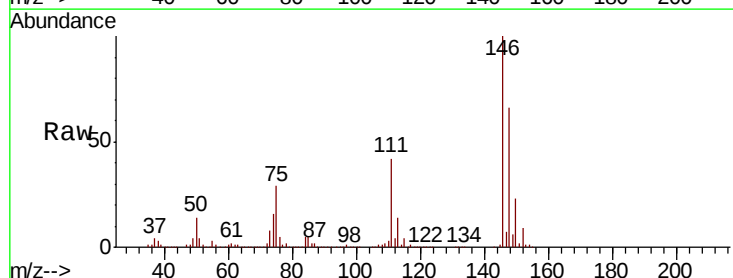
Instrument :
 BNA_F
 ClientSampleId :
 PB120137BS

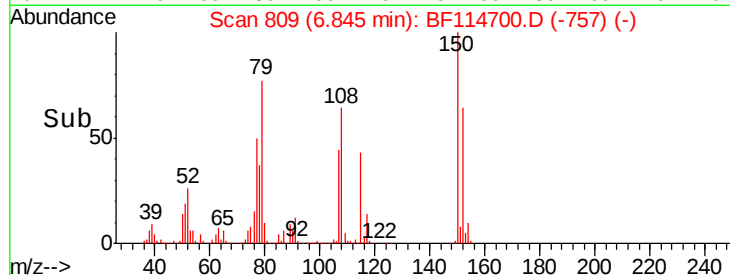
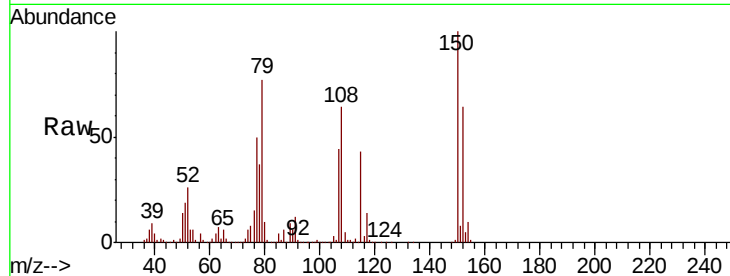
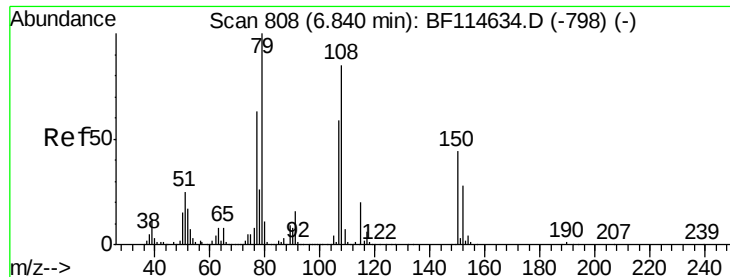
Tgt Ion:146 Resp: 921061
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.5 78.7
 111 40.6 31.4 47.2



#14
 1,2-Dichlorobenzene
 Concen: 6.692 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Tgt Ion:146 Resp: 718880
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.6 79.0
 111 42.5 34.1 51.1





#15

Benzyl Alcohol

Concen: 8.483 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

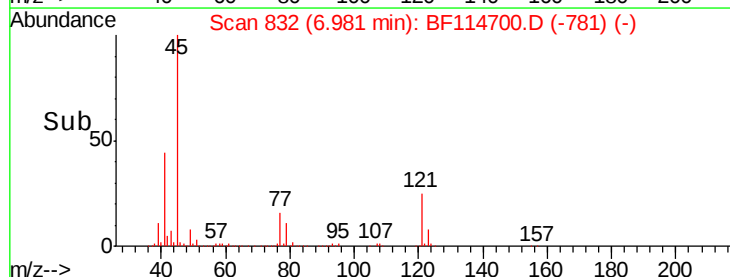
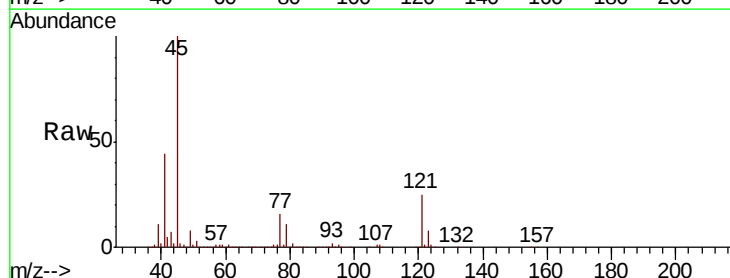
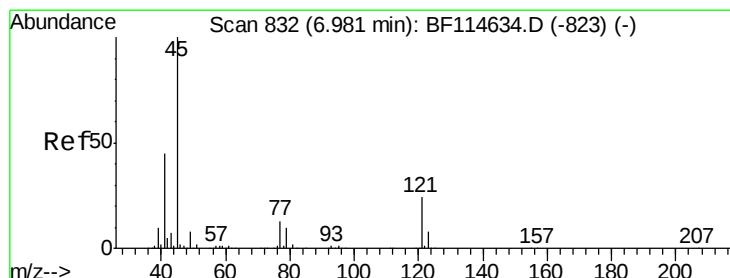
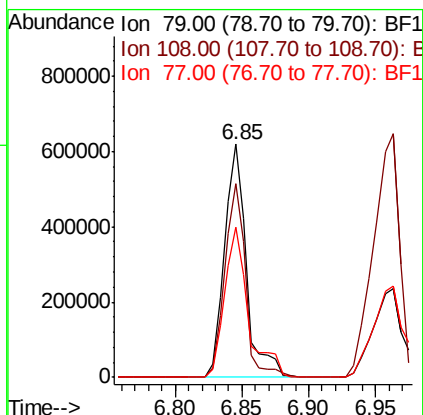
Tgt Ion: 79 Resp: 718755

Ion Ratio Lower Upper

79 100

108 83.2 67.8 101.8

77 64.5 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.471 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

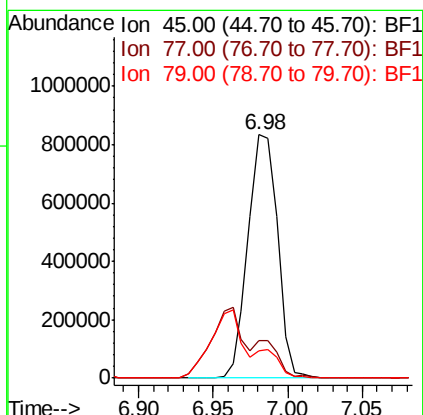
Tgt Ion: 45 Resp: 1140564

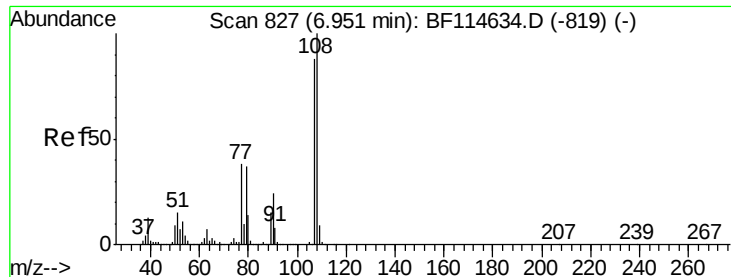
Ion Ratio Lower Upper

45 100

77 15.6 0.0 34.7

79 11.3 0.0 31.3





#17

2-Methylphenol

Concen: 8.622 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

Tgt Ion:107 Resp: 752855

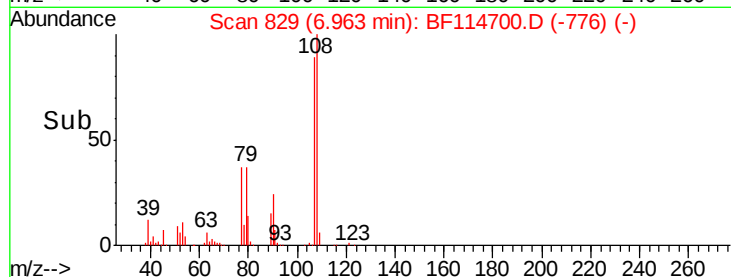
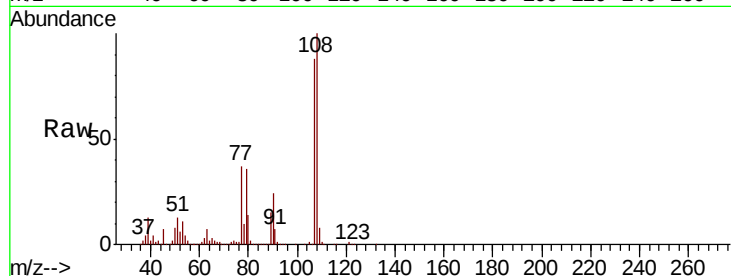
Ion Ratio Lower Upper

107 100

108 113.3 91.1 136.7

77 42.3 34.9 52.3

79 41.2 33.8 50.6

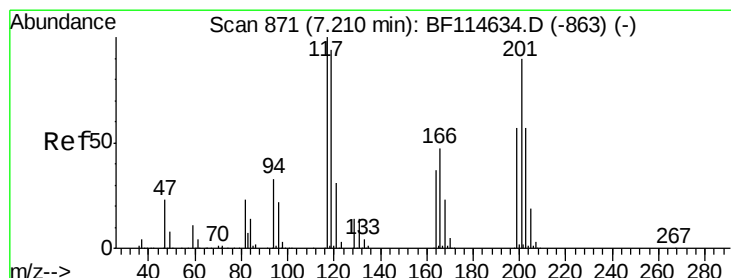
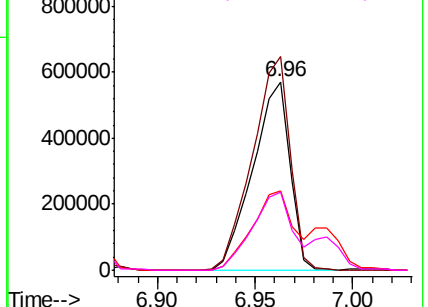


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 7.815 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

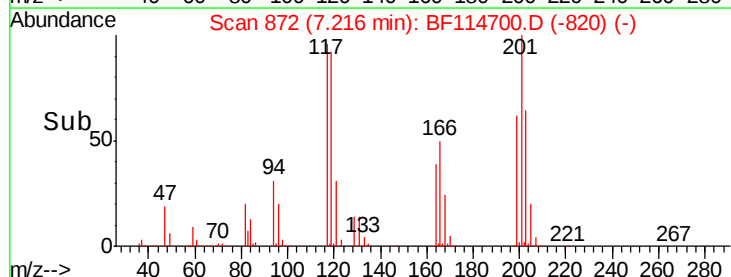
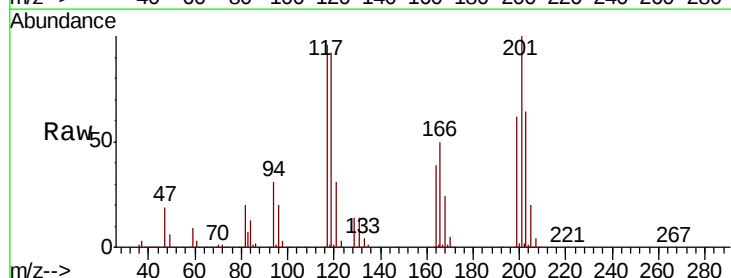
Tgt Ion:117 Resp: 349133

Ion Ratio Lower Upper

117 100

119 95.7 75.6 113.4

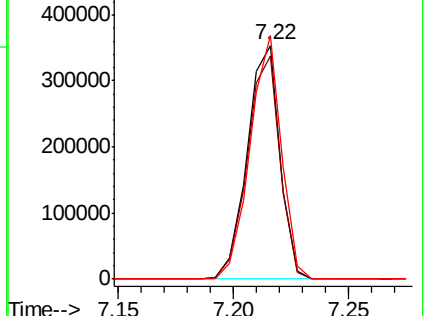
201 104.3 71.7 107.5

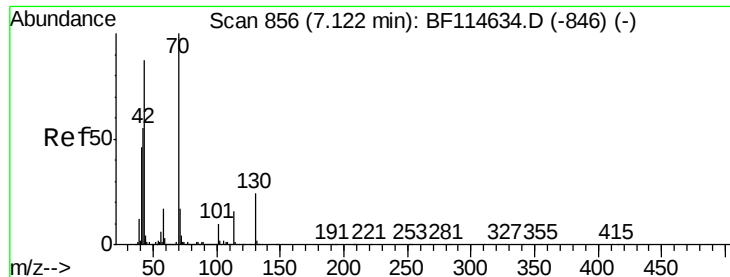


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

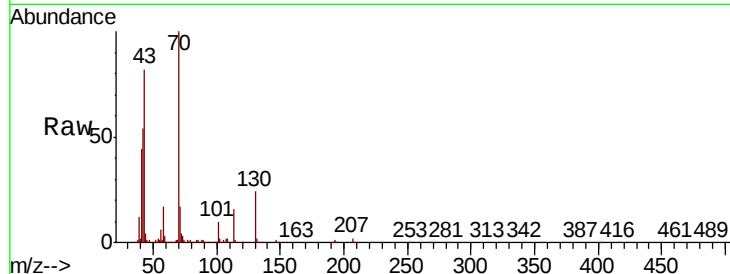




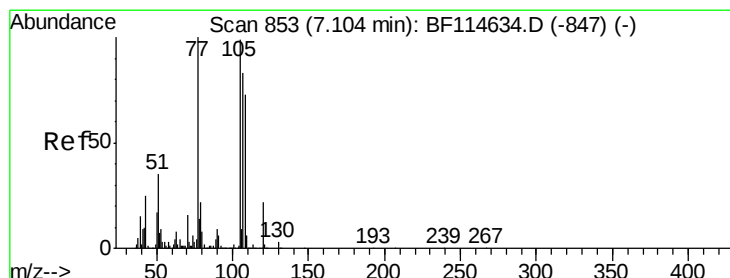
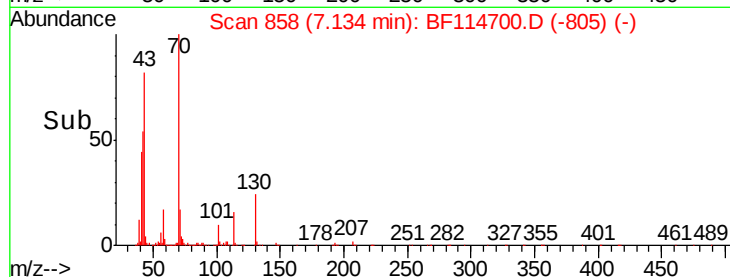
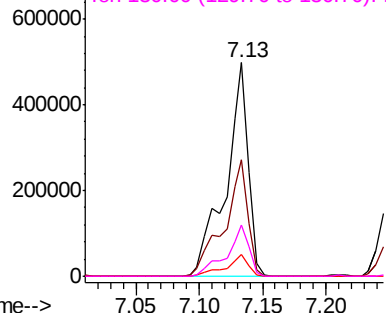
#19
n-Nitroso-di-n-propylamine
Concen: 8.303 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tgt Ion:	70	Resp:	617379
Ion	Ratio	Lower	Upper
70	100		
42	54.3	44.4	66.6
101	10.2	8.2	12.4
130	23.9	19.4	29.0

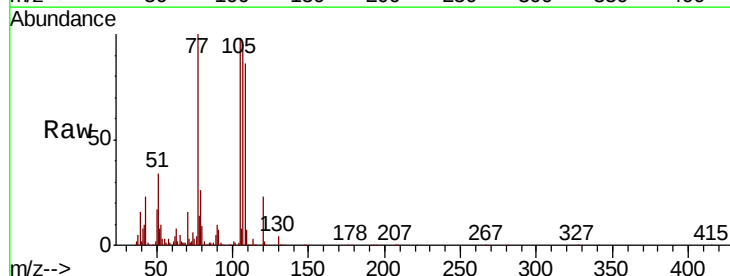


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

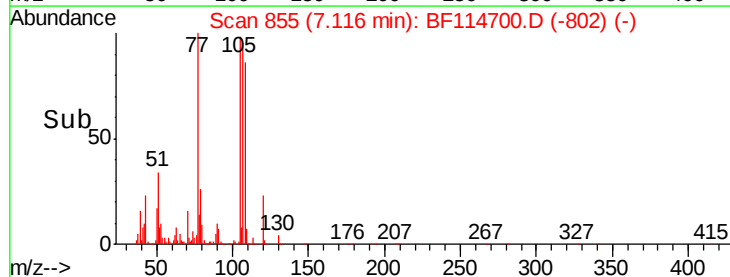
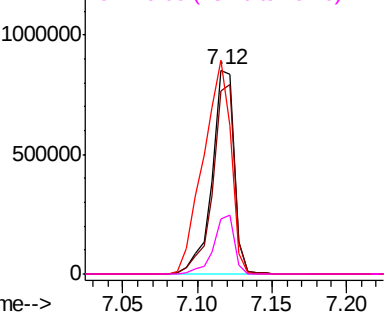


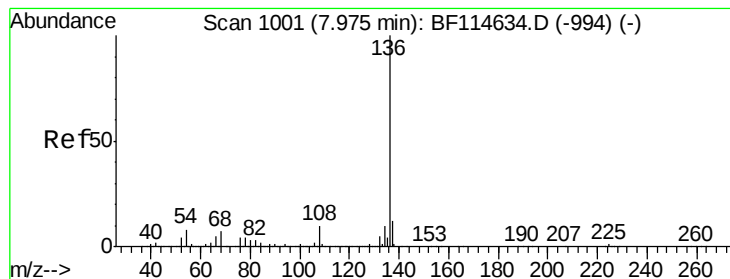
#20
3+4-Methylphenols
Concen: 8.524 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion:	107	Resp:	875363
Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.6	108.6
77	104.9	100.5	140.5
79	26.8	7.0	47.0



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: 7.99 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

Tgt Ion:136 Resp: 5571992

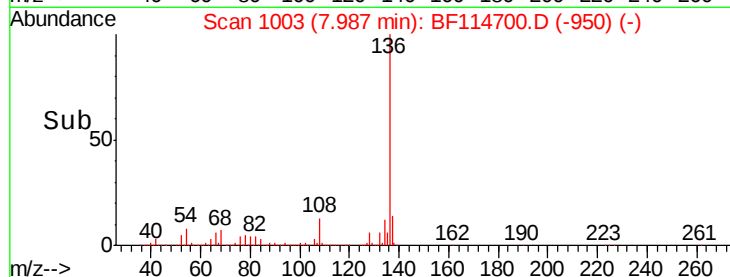
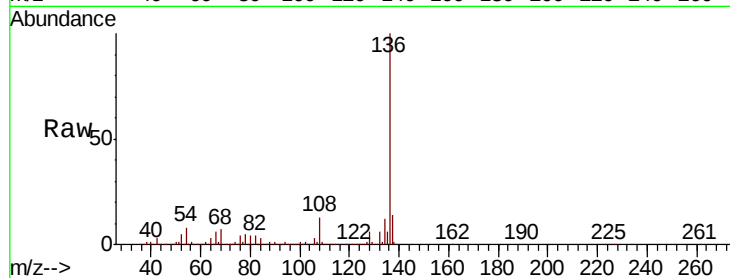
Ion Ratio Lower Upper

136 100

137 13.9 9.3 13.9

54 8.5 6.3 9.5

68 7.0 5.4 8.0



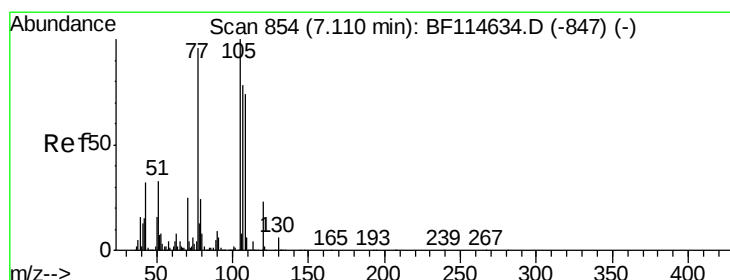
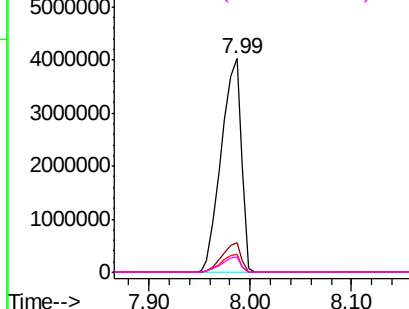
Abundance

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: 10.221 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Tgt Ion:105 Resp: 1213468

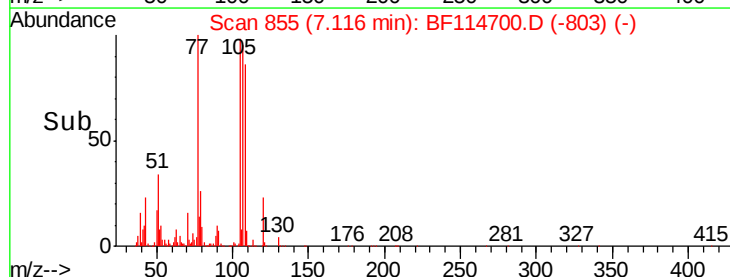
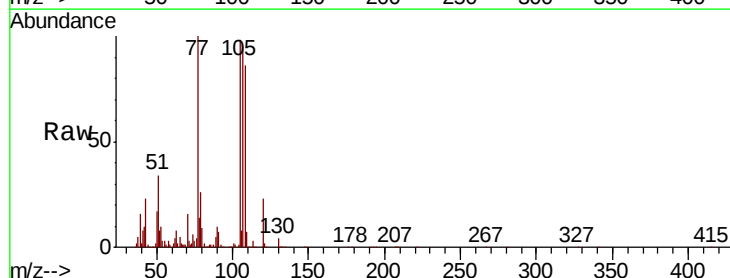
Ion Ratio Lower Upper

105 100

71 2.8 3.6 5.4#

51 34.3 26.0 39.0

120 23.0 18.8 28.2



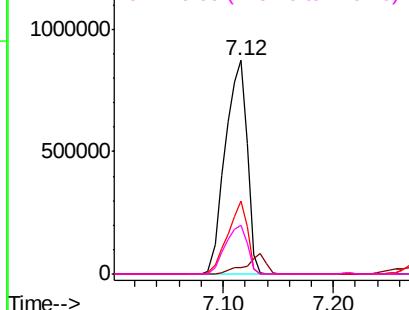
Abundance

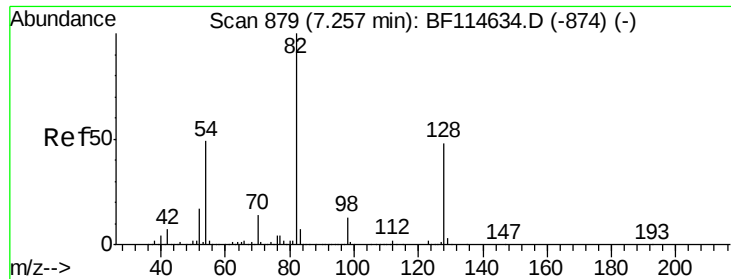
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

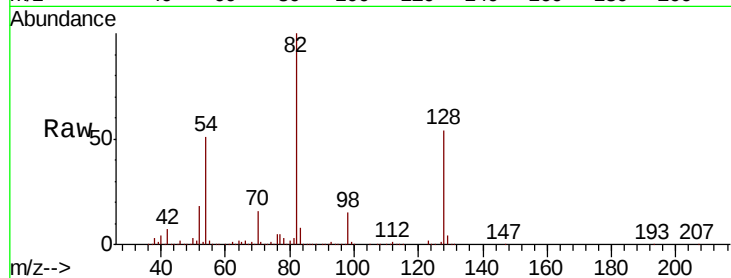




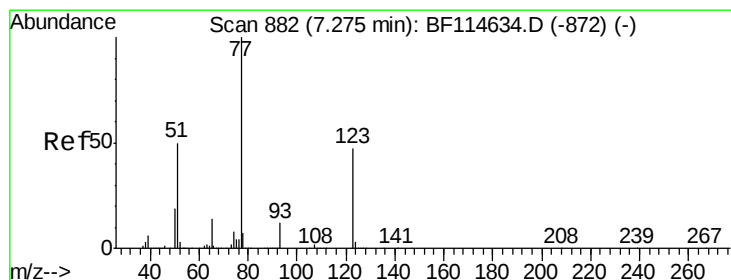
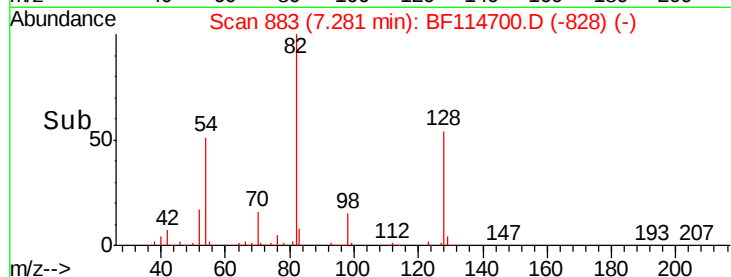
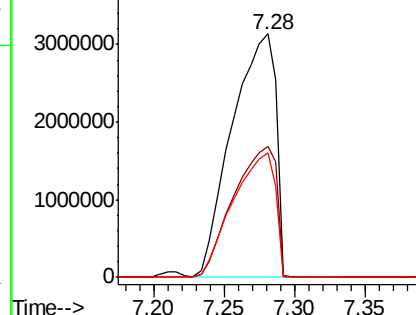
#23
 Nitrobenzene-d5
 Concen: 76.380 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.02 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Instrument :
 BNA_F
 ClientSampleId :
 PB120137BS

Tgt Ion: 82 Resp: 6821481
 Ion Ratio Lower Upper
 82 100
 128 54.1 38.5 57.7
 54 51.3 39.1 58.7

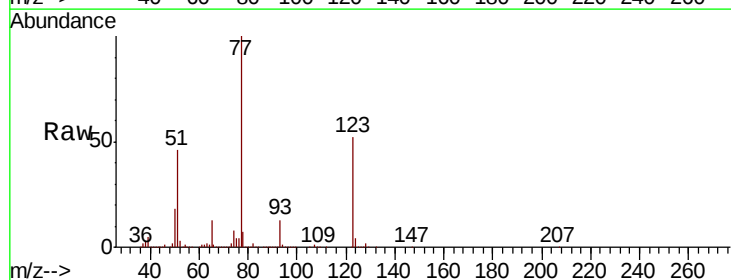


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

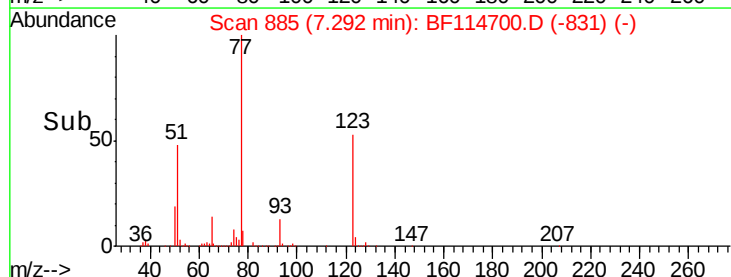
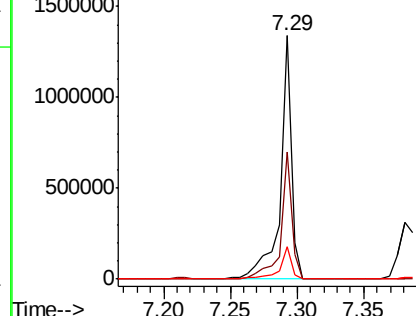


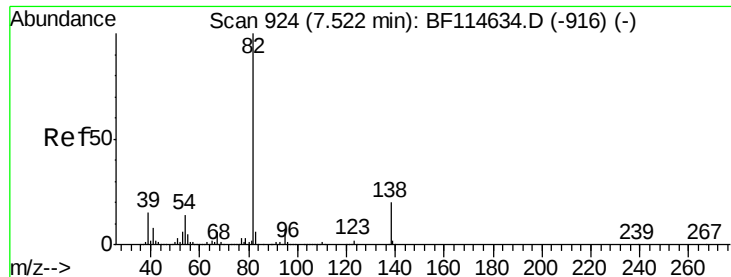
#24
 Nitrobenzene
 Concen: 8.337 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.02 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Tgt Ion: 77 Resp: 790937
 Ion Ratio Lower Upper
 77 100
 123 52.3 38.5 57.7
 65 13.2 11.2 16.8



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: 9.191 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

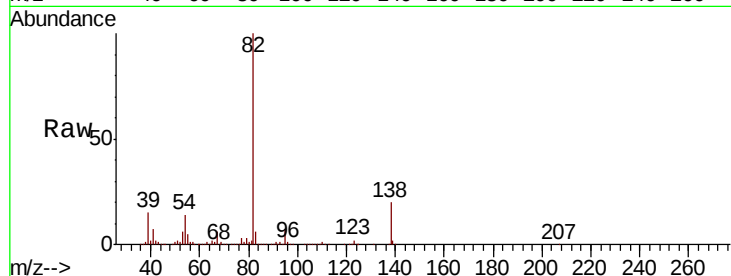
Tgt Ion: 82 Resp: 1647344

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

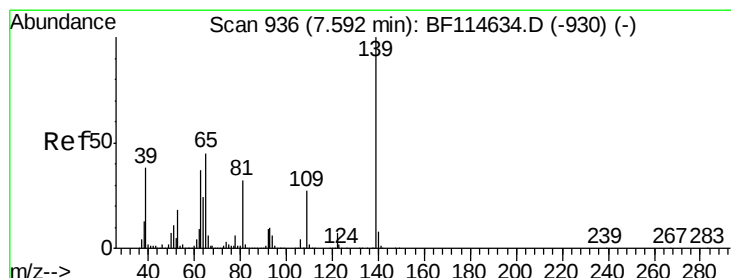
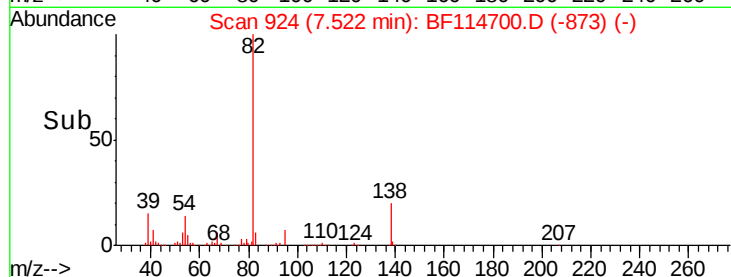
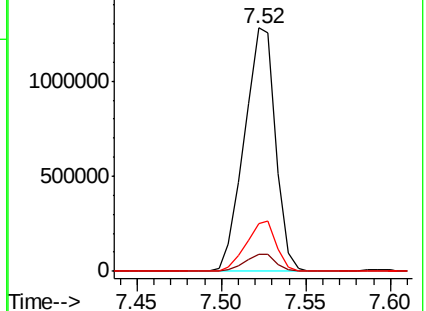
138 19.7 15.9 23.9



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: 10.322 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

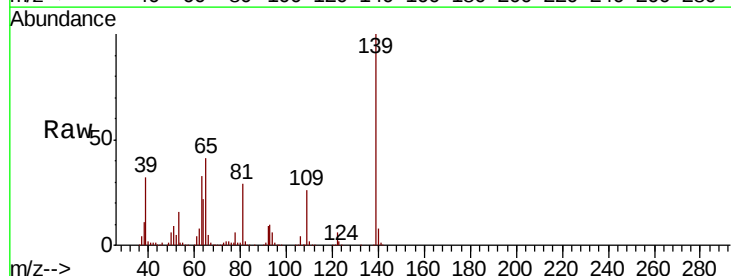
Tgt Ion: 139 Resp: 476679

Ion Ratio Lower Upper

139 100

109 25.9 21.7 32.5

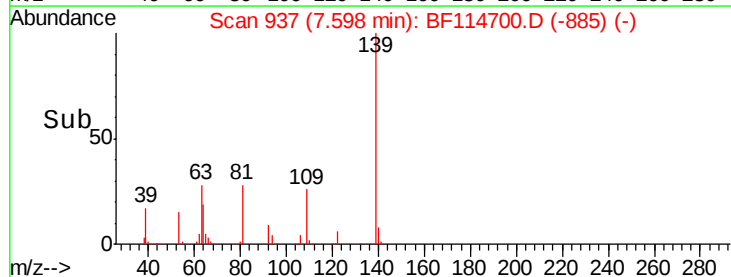
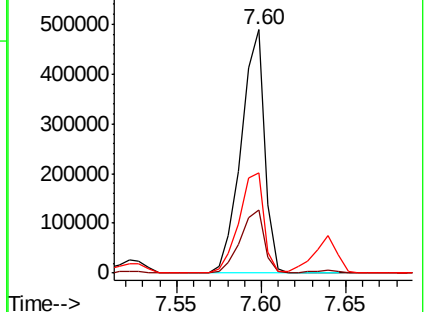
65 41.2 36.3 54.5

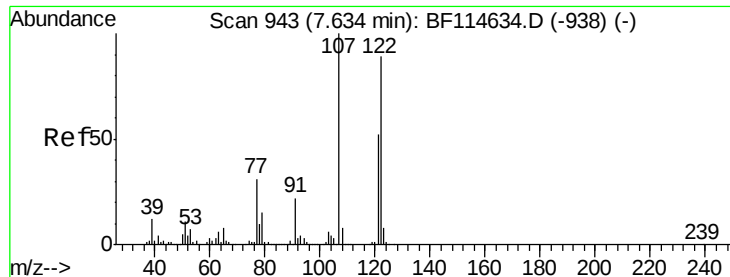


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

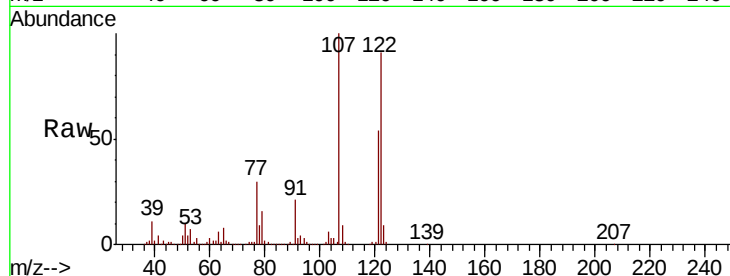




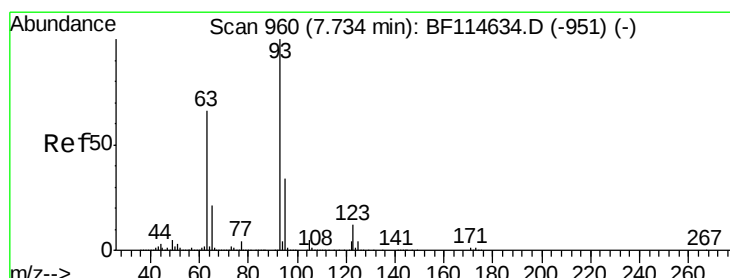
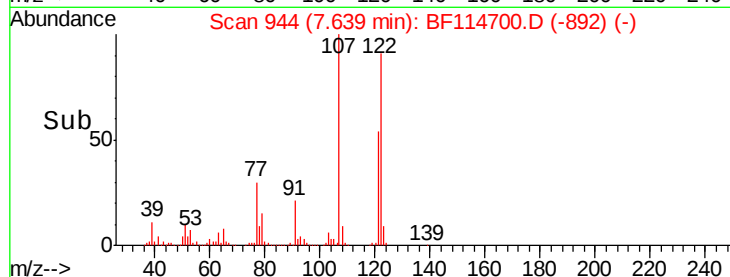
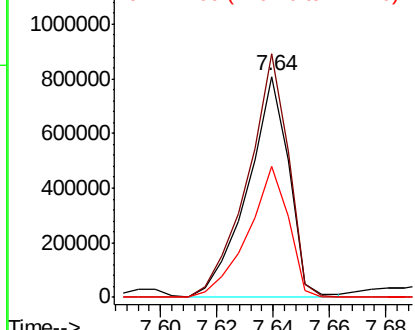
#27
2,4-Dimethylphenol
Concen: 10.658 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.2	89.3	133.9
121	59.5	46.8	70.2

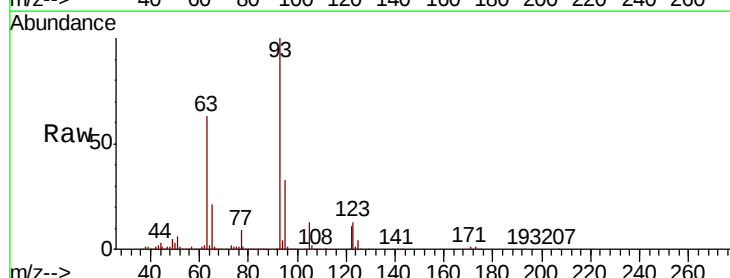


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

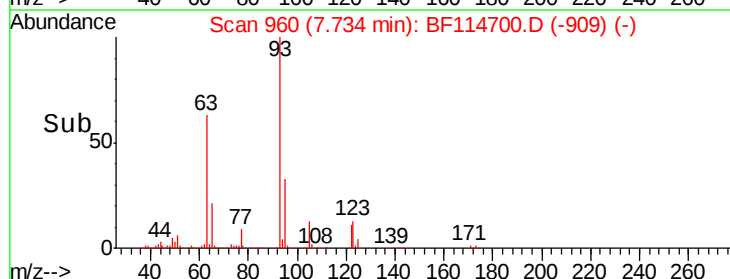
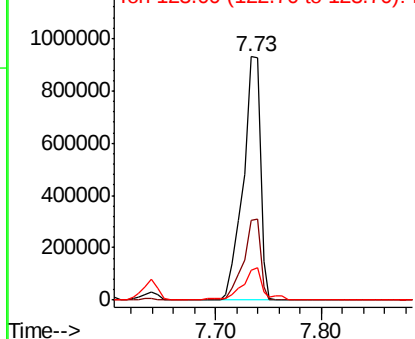


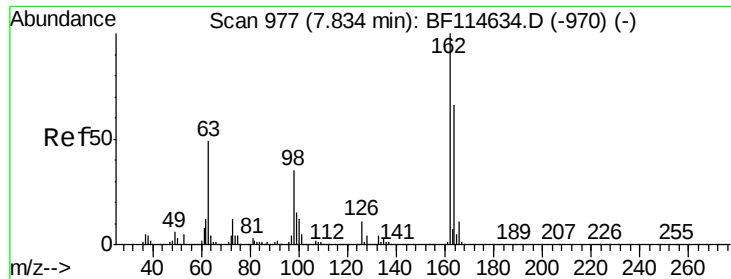
#28
bis(2-Chloroethoxy)methane
Concen: 9.185 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	27.0	40.4
123	12.5	10.2	15.2



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

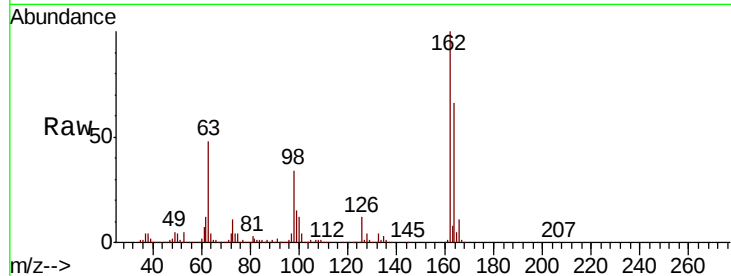




#29
2,4-Dichlorophenol
Concen: 10.015 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.8	45.8	85.8
98	34.5	14.9	54.9

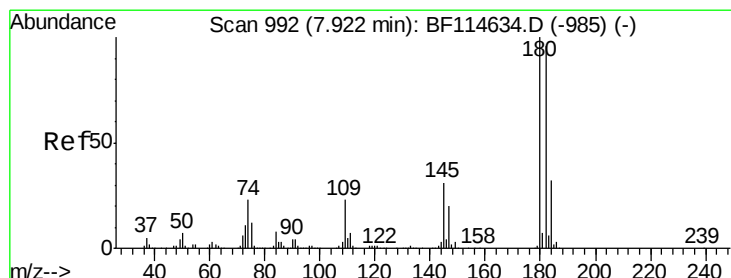
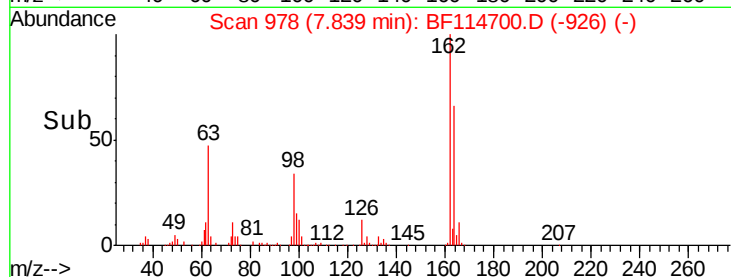
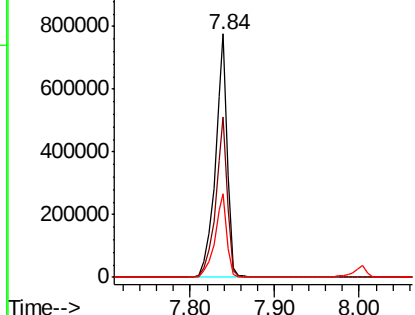


Abundance

Ion 162.00 (161.70 to 162.70): E

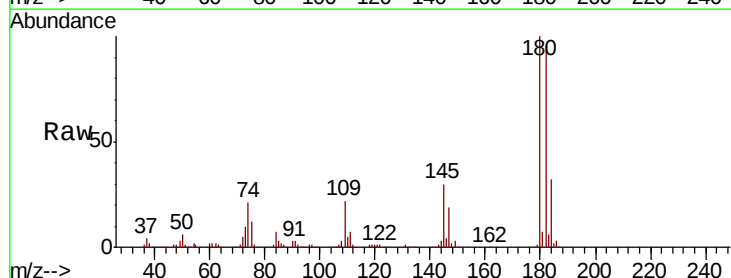
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 9.581 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.9	115.3
145	29.5	24.5	36.7

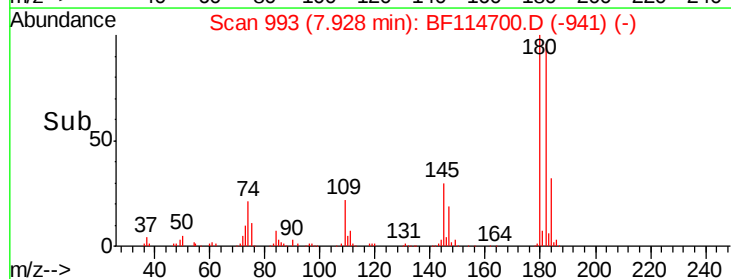
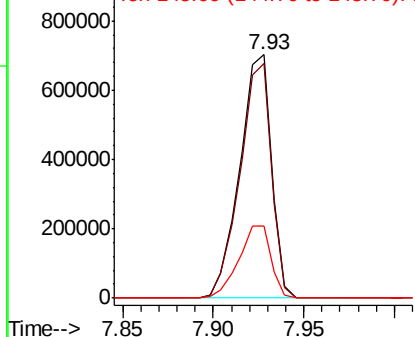


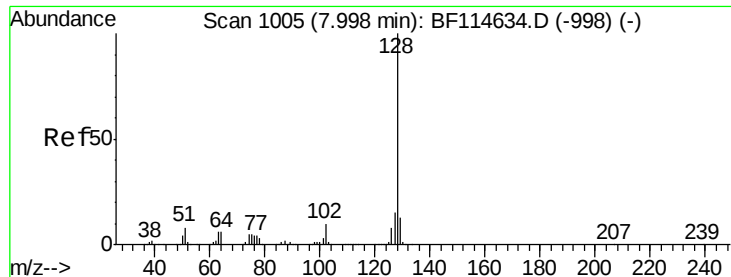
Abundance

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

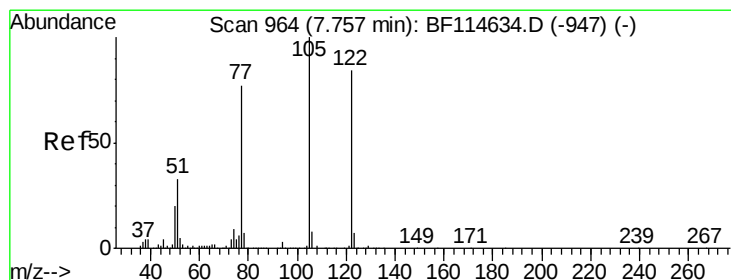
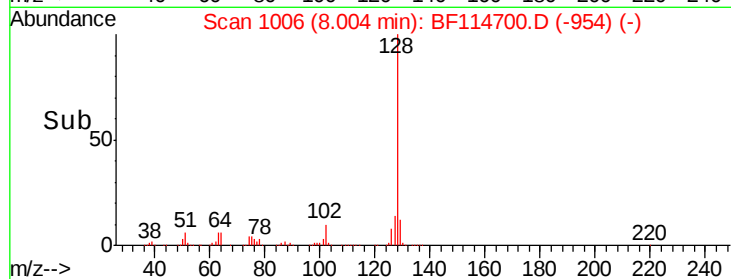
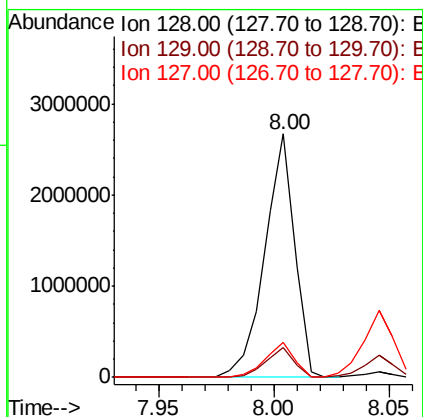
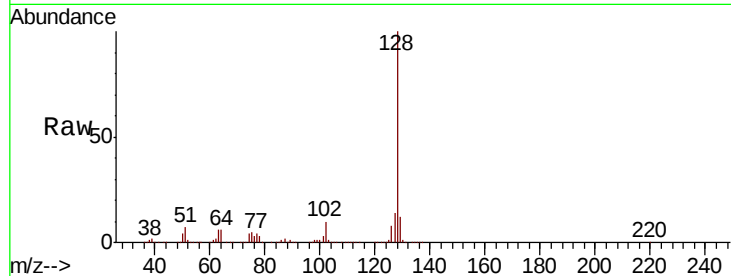




#31
Naphthalene
Concen: 9.363 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

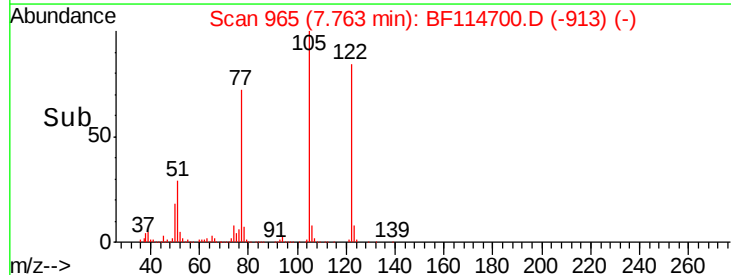
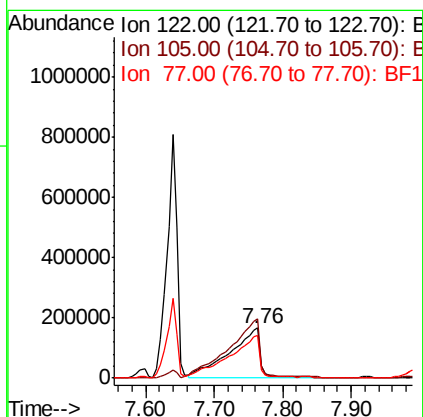
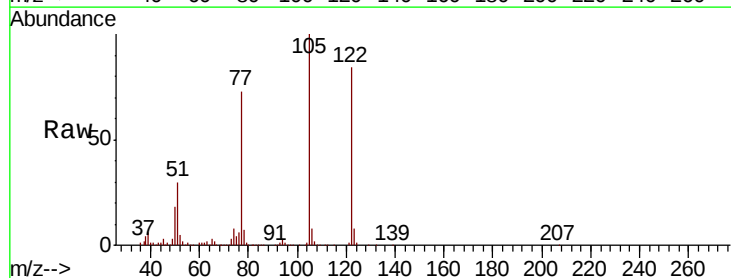
Instrument :
BNA_F
ClientSampleId :
PB120137BS

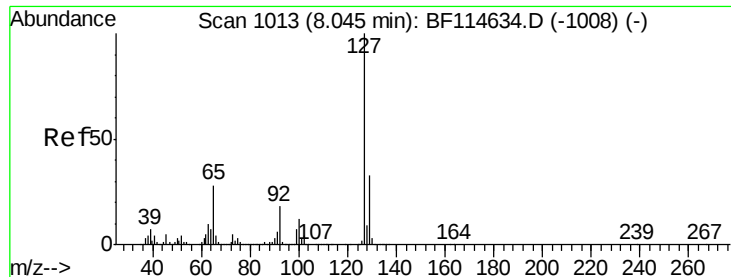
Tgt Ion:128 Resp: 2403039
Ion Ratio Lower Upper
128 100
129 12.2 10.2 15.2
127 14.4 11.9 17.9



#32
Benzoic acid
Concen: 10.376 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion:122 Resp: 517582
Ion Ratio Lower Upper
122 100
105 119.0 98.3 138.3
77 86.7 70.7 110.7

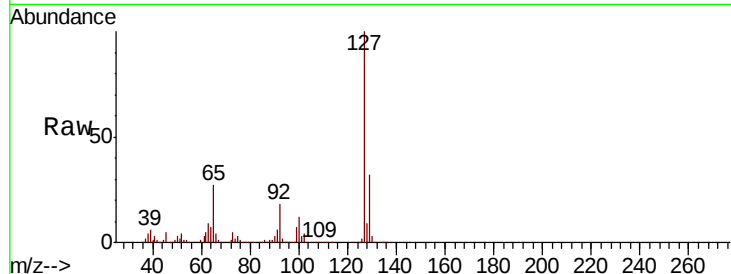




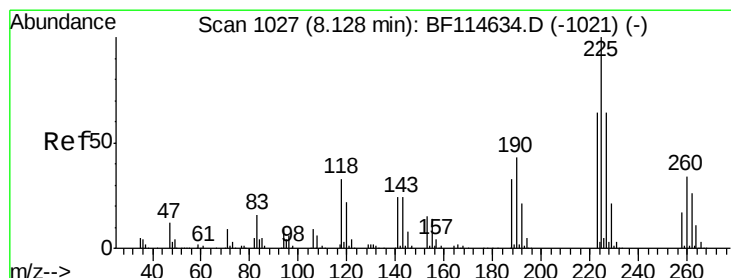
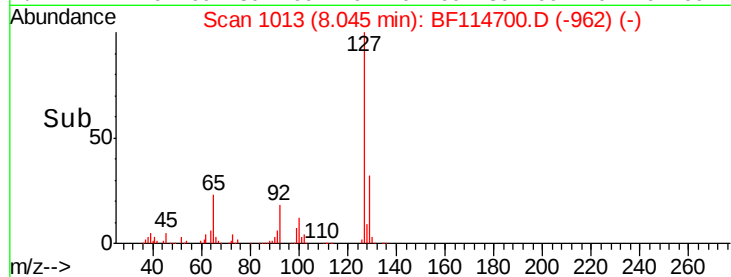
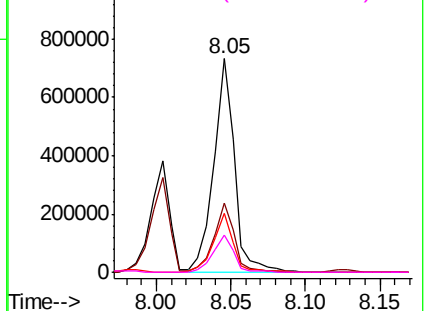
#33
4-Chloroaniline
Concen: 5.781 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tgt Ion:	127	Resp:	706848
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.7	40.1
65	27.4	22.5	33.7
92	17.7	14.6	22.0

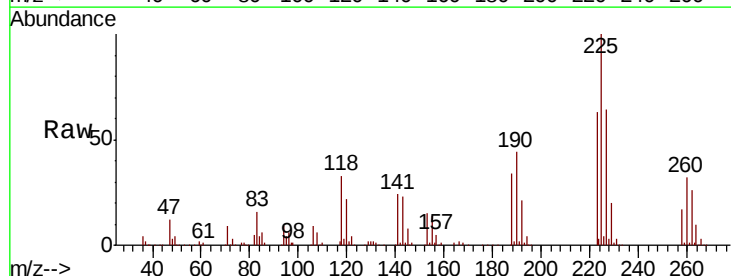


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

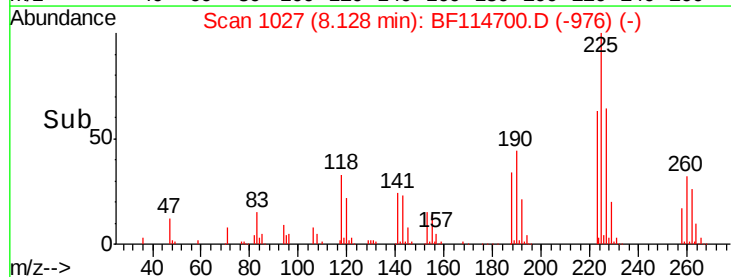
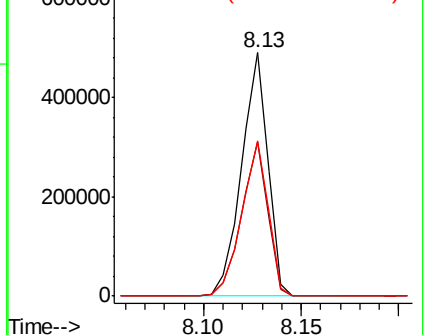


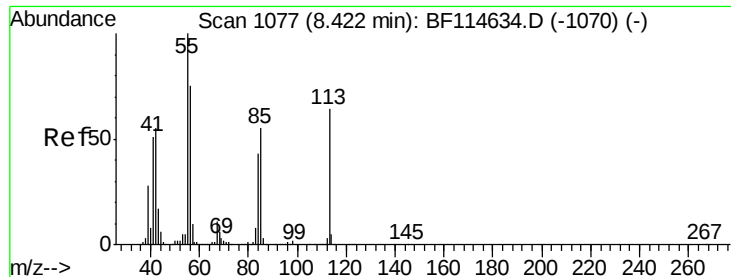
#34
Hexachlorobutadiene
Concen: 9.255 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion:	225	Resp:	457927
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.9	76.3
227	63.8	51.3	76.9



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

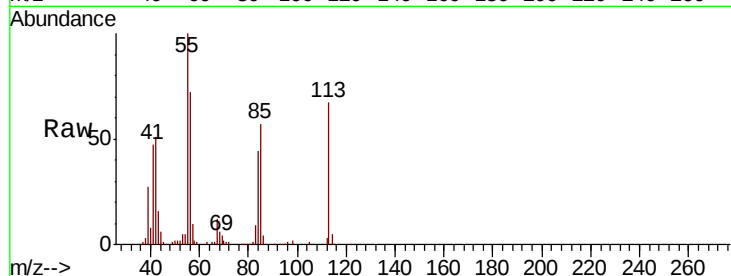




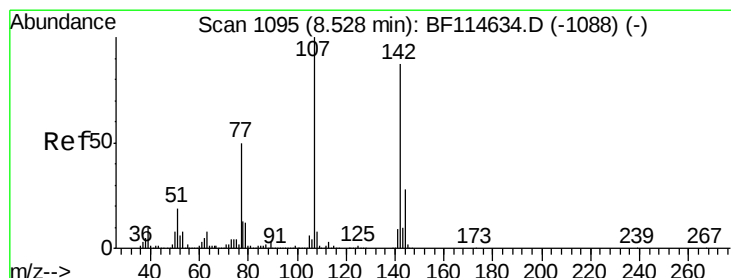
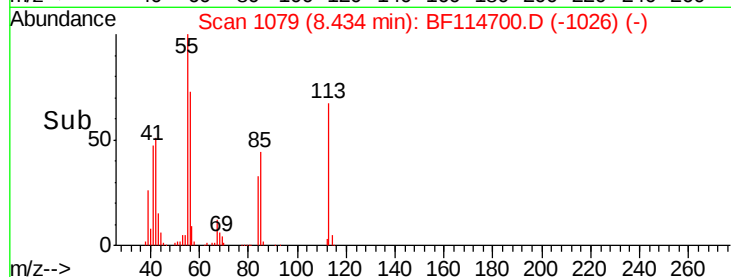
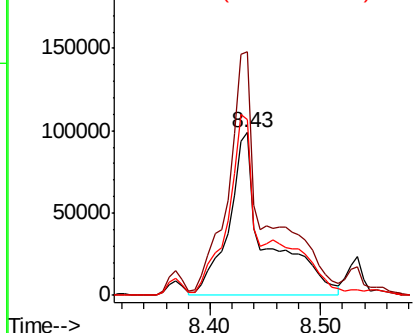
#35
 Caprolactam
 Concen: 8.908 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. 0.01 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Instrument :
 BNA_F
 ClientSampleId :
 PB120137BS

Tgt Ion:113 Resp: 235004
 Ion Ratio Lower Upper
 113 100
 55 149.8 136.4 176.4
 56 108.4 97.0 137.0

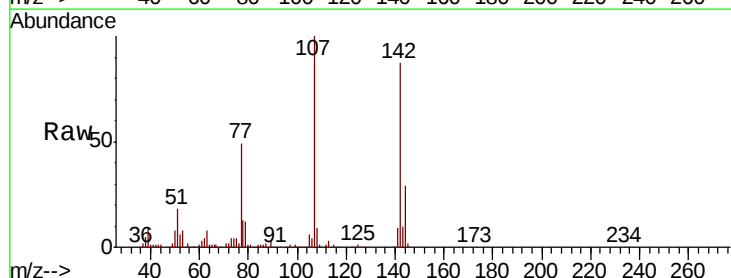


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

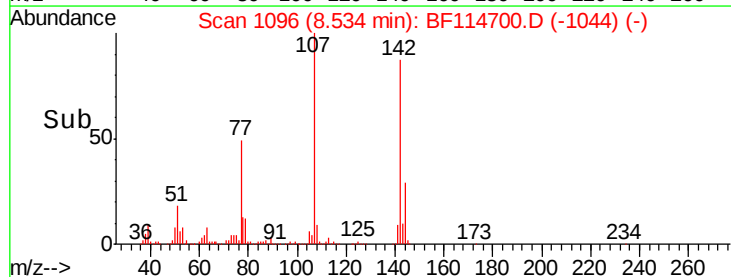
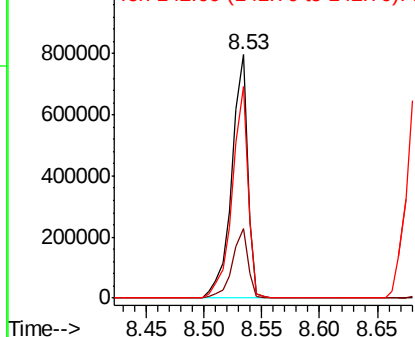


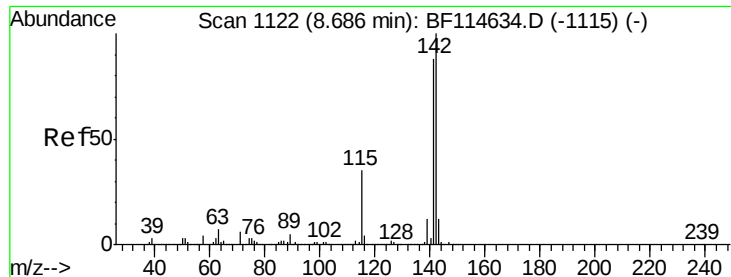
#36
 4-Chloro-3-methylphenol
 Concen: 9.814 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Tgt Ion:107 Resp: 769407
 Ion Ratio Lower Upper
 107 100
 144 28.7 22.5 33.7
 142 87.0 69.8 104.6



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

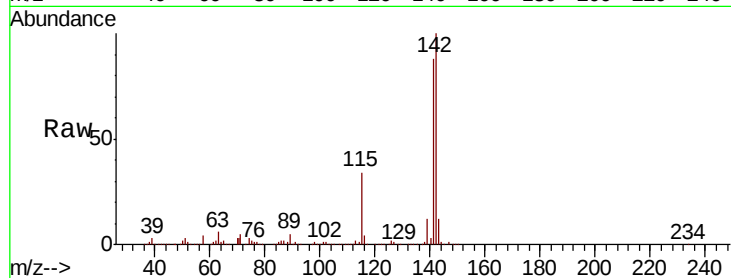




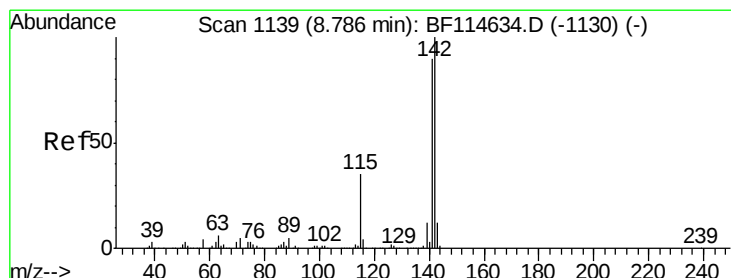
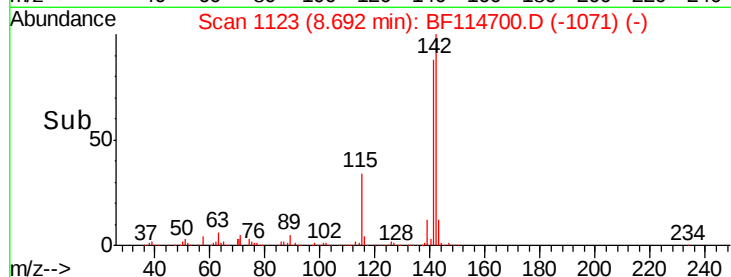
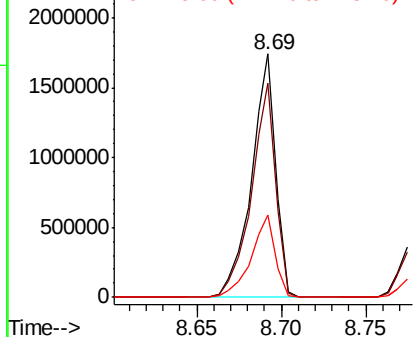
#37
 2-Methylnaphthalene
 Concen: 10.231 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Instrument :
 BNA_F
 ClientSampleId :
 PB120137BS

Tgt Ion:142 Resp: 1744674
 Ion Ratio Lower Upper
 142 100
 141 87.9 70.3 105.5
 115 33.8 28.0 42.0

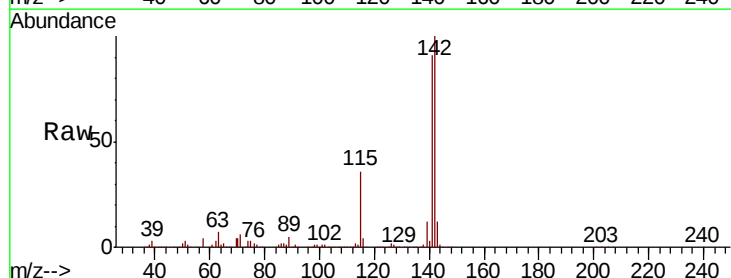


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

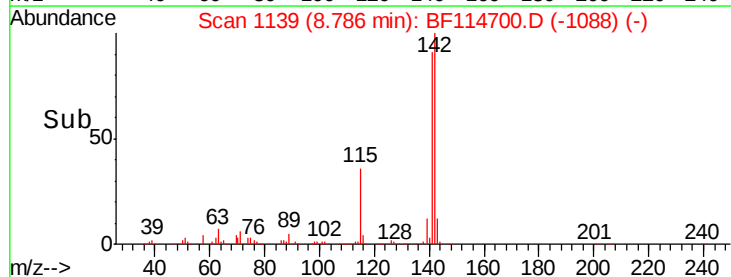
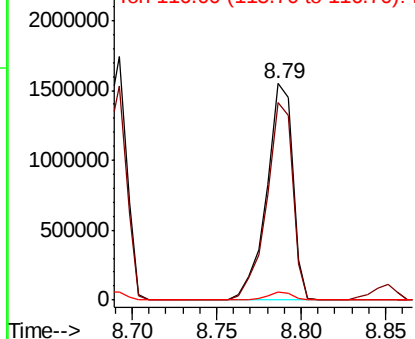


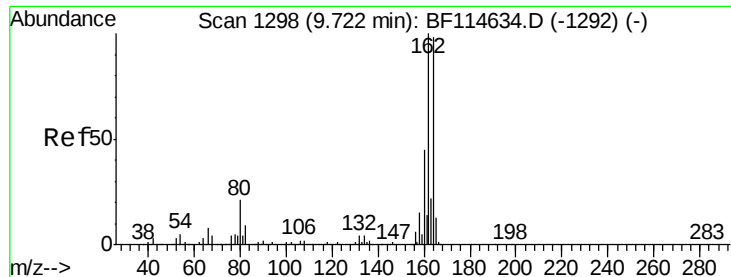
#38
 1-Methylnaphthalene
 Concen: 10.233 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Tgt Ion:142 Resp: 1653241
 Ion Ratio Lower Upper
 142 100
 141 91.2 72.3 108.5
 116 3.9 3.0 4.4



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: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

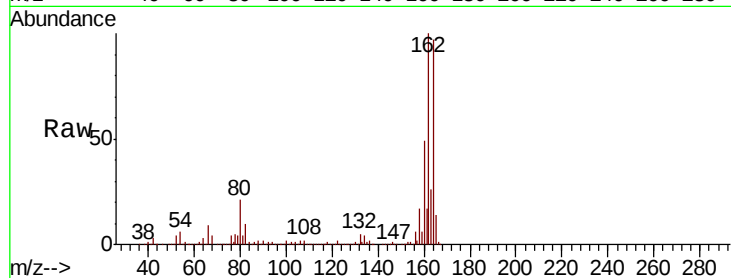
Tgt Ion:164 Resp: 2884228

Ion Ratio Lower Upper

164 100

162 102.8 81.4 122.2

160 50.0 36.6 54.8

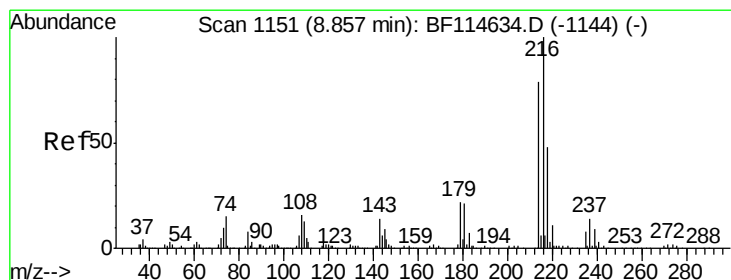
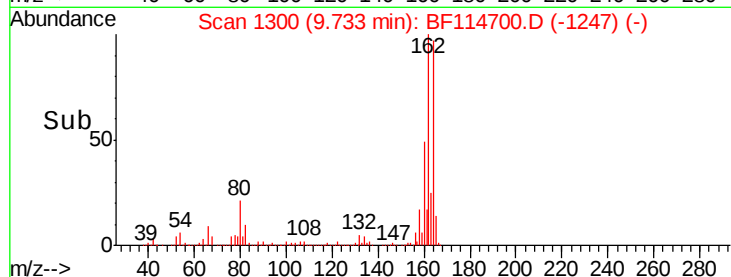
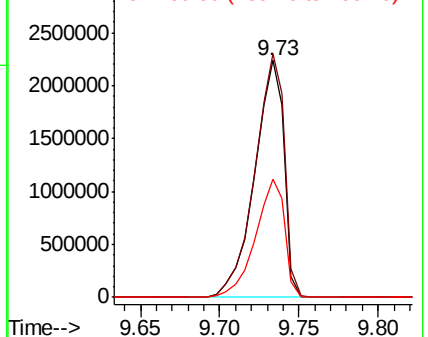


Abundance

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: 9.570 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Tgt Ion:216 Resp: 735076

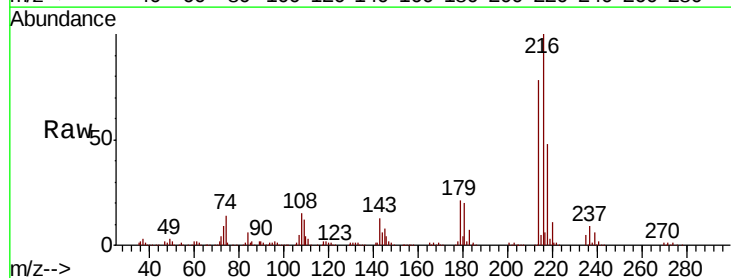
Ion Ratio Lower Upper

216 100

214 78.9 63.2 94.8

179 22.4 17.9 26.9

108 21.5 15.8 23.8



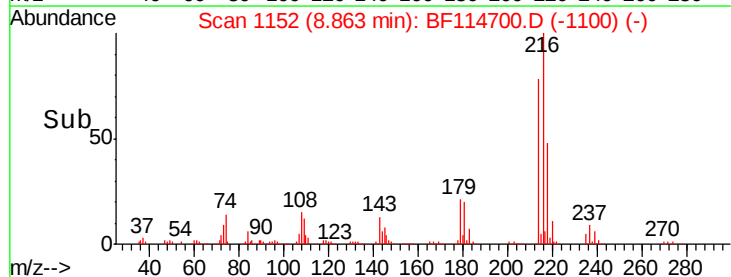
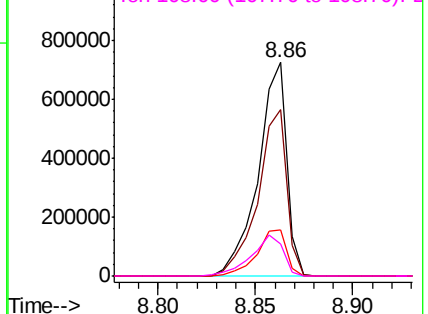
Abundance

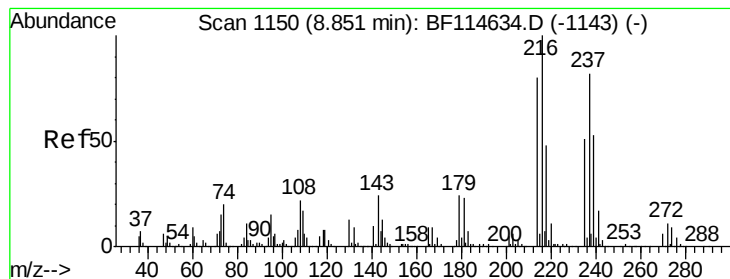
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 18.274 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

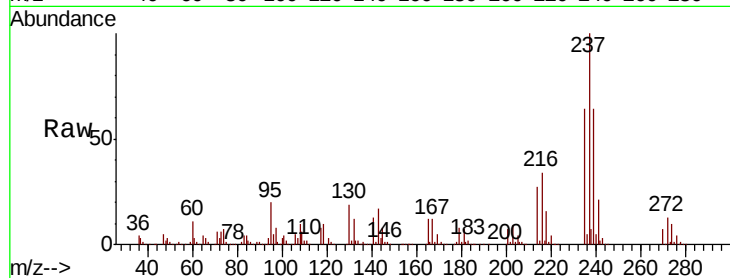
Tgt Ion:237 Resp: 927517

Ion Ratio Lower Upper

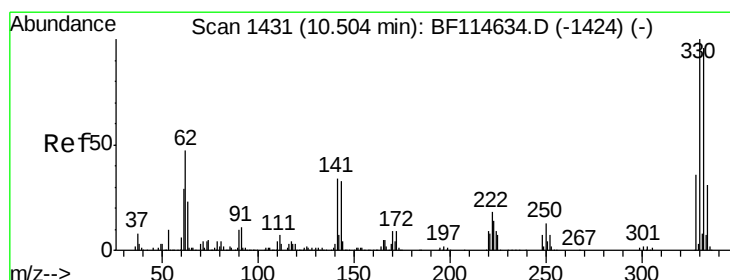
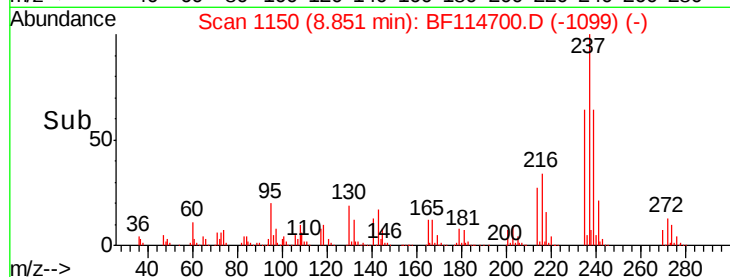
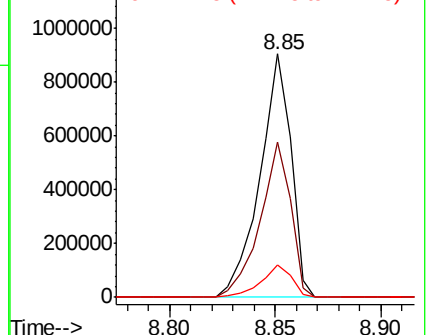
237 100

235 63.8 42.8 82.8

272 13.4 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 107.541 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.03 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

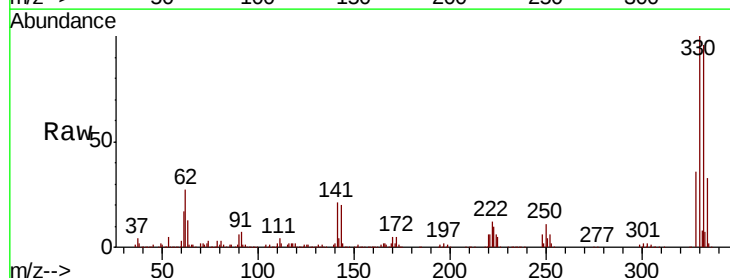
Tgt Ion:330 Resp: 2955447

Ion Ratio Lower Upper

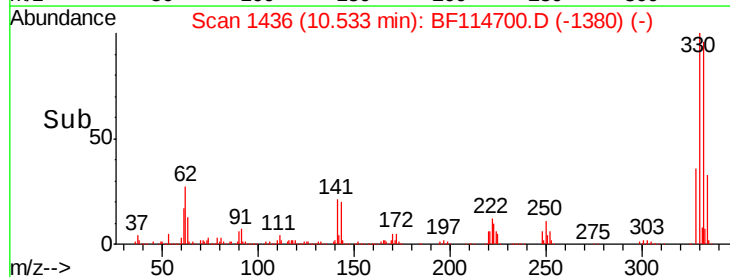
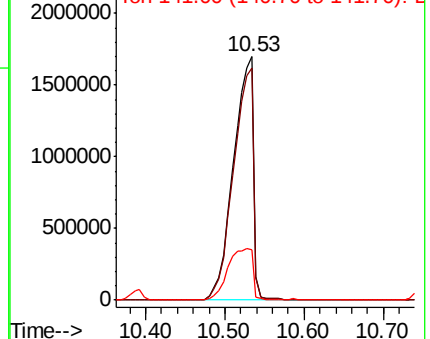
330 100

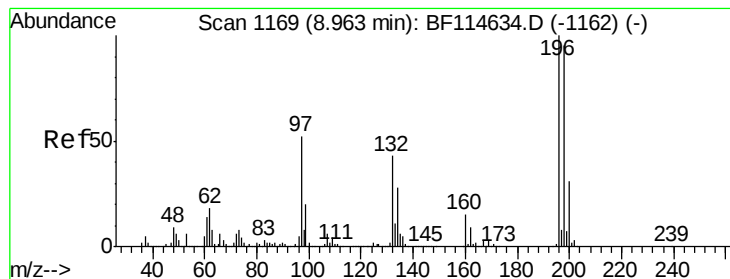
332 95.8 75.8 113.8

141 26.6 27.8 41.8#



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: 9.645 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

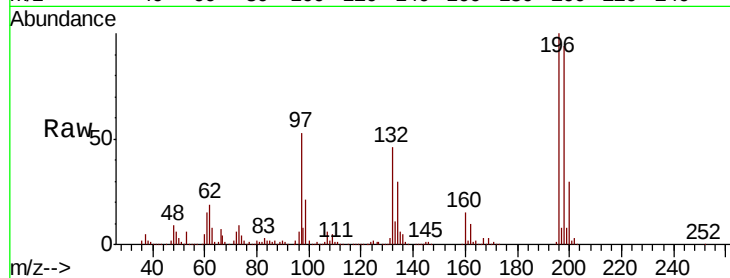
Tgt Ion:196 Resp: 582880

Ion Ratio Lower Upper

196 100

198 94.3 76.1 114.1

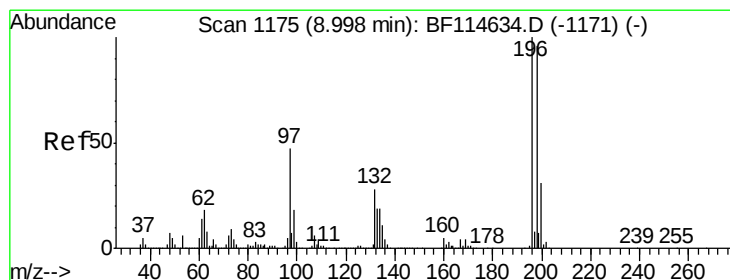
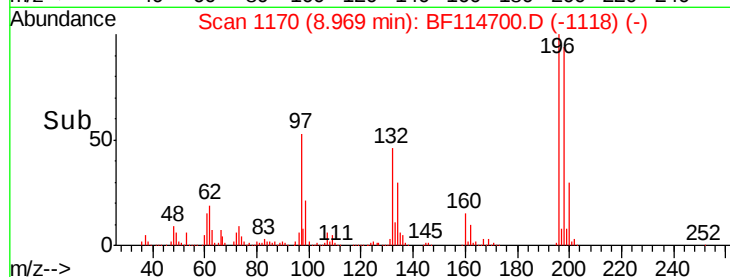
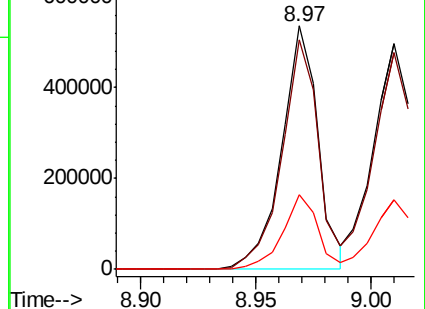
200 30.5 24.7 37.1



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: 9.595 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Tgt Ion:196 Resp: 578651

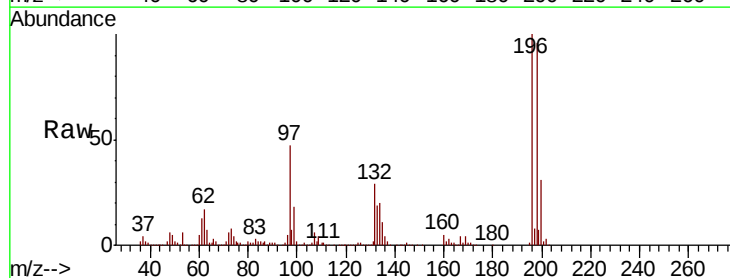
Ion Ratio Lower Upper

196 100

198 96.2 76.8 115.2

97 46.9 37.8 56.8

132 29.2 22.6 33.8

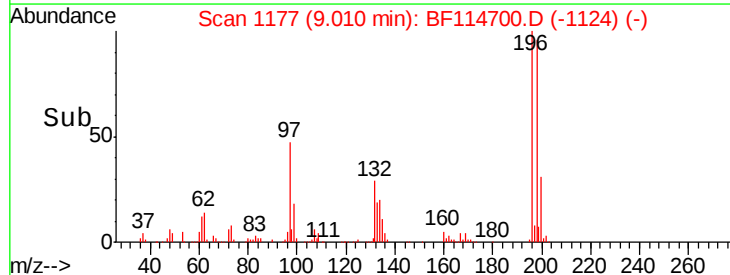
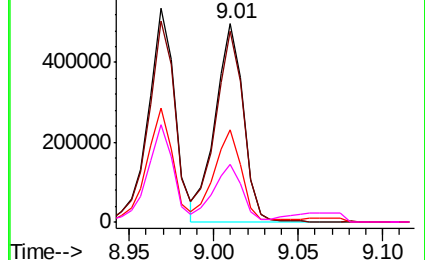


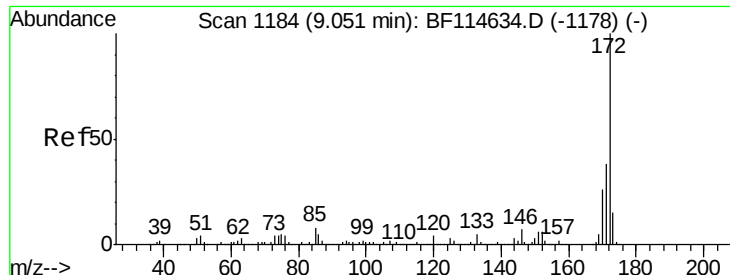
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

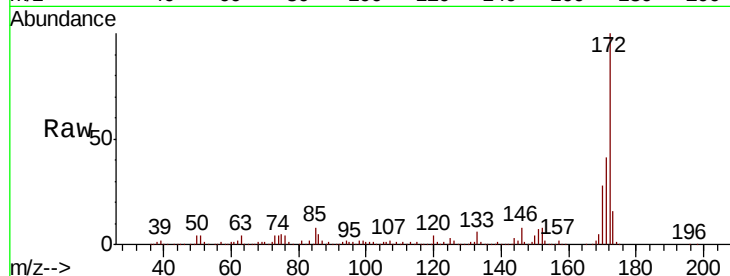




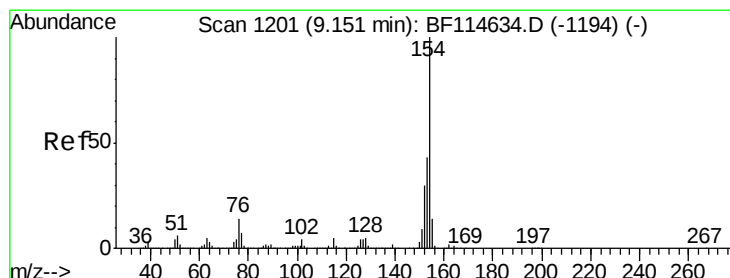
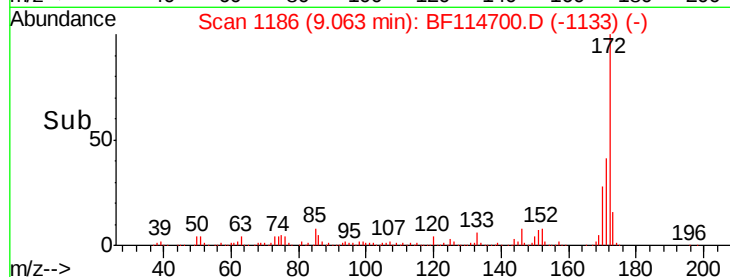
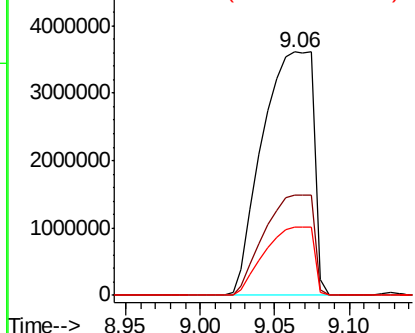
#45
 2-Fluorobiphenyl
 Concen: 49.327 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Instrument :
 BNA_F
 ClientSampleId :
 PB120137BS

Tgt Ion:172 Resp: 8604834
 Ion Ratio Lower Upper
 172 100
 171 41.2 30.6 45.8
 170 28.0 20.7 31.1

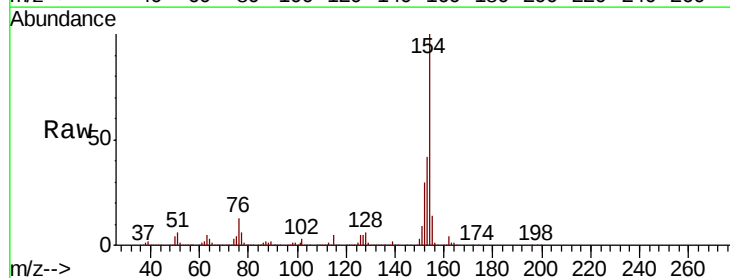


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

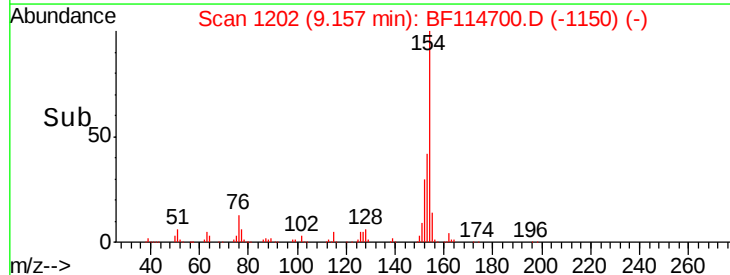
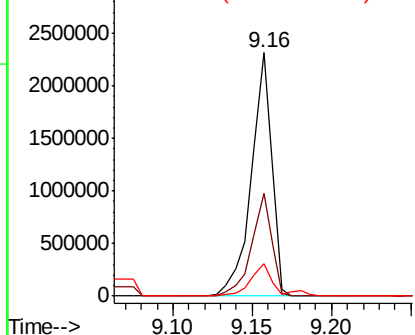


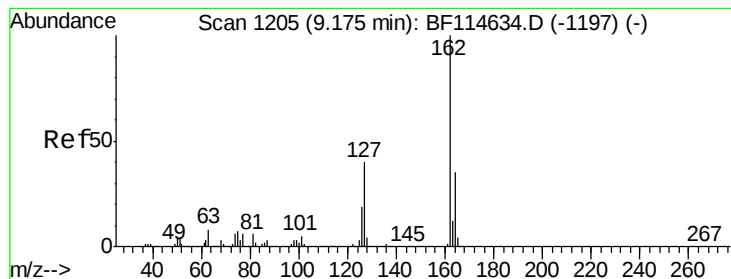
#46
 1,1'-Biphenyl
 Concen: 9.650 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Tgt Ion:154 Resp: 2065965
 Ion Ratio Lower Upper
 154 100
 153 42.3 23.0 63.0
 76 13.2 0.0 33.9



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: 9.355 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

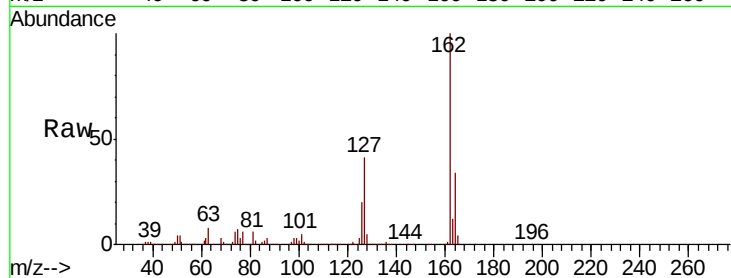
Tgt Ion: 162 Resp: 1642874

Ion Ratio Lower Upper

162 100

127 40.9 32.2 48.2

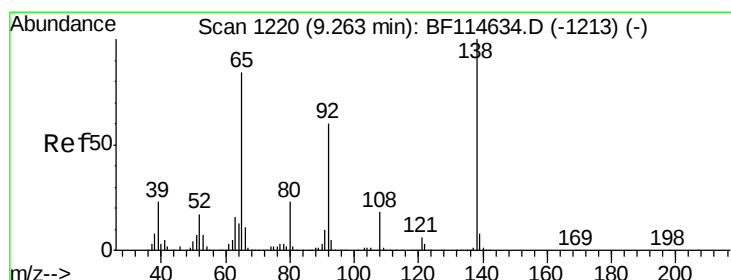
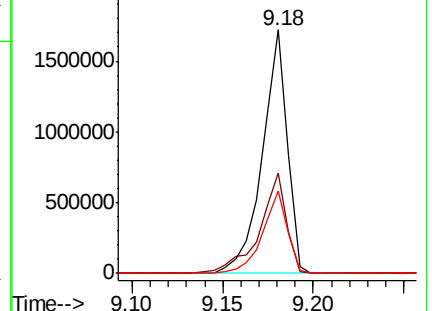
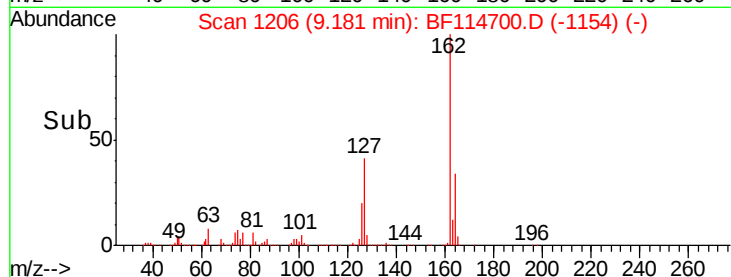
164 34.0 27.8 41.6



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: 8.537 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

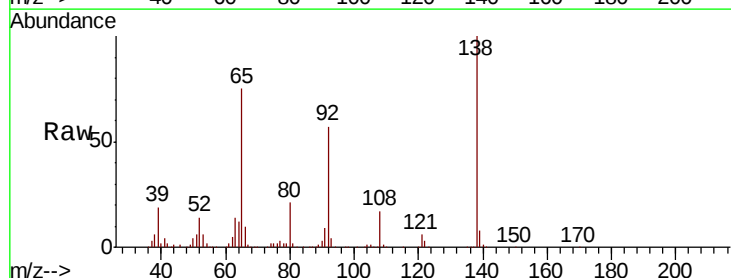
Tgt Ion: 65 Resp: 462662

Ion Ratio Lower Upper

65 100

92 75.6 57.1 85.7

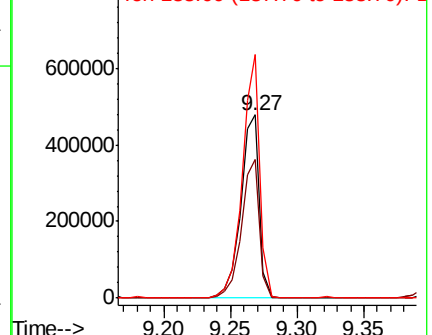
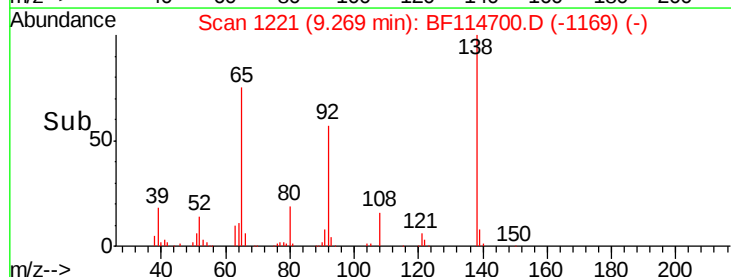
138 133.1 95.8 143.6

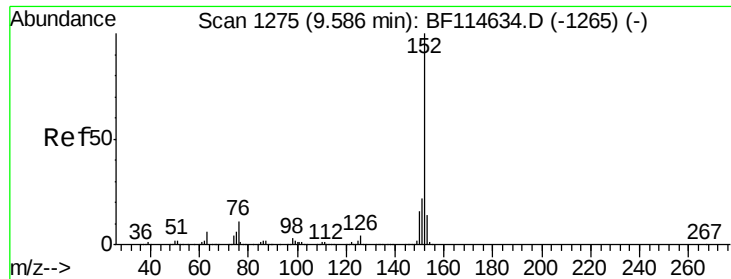


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 9.180 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

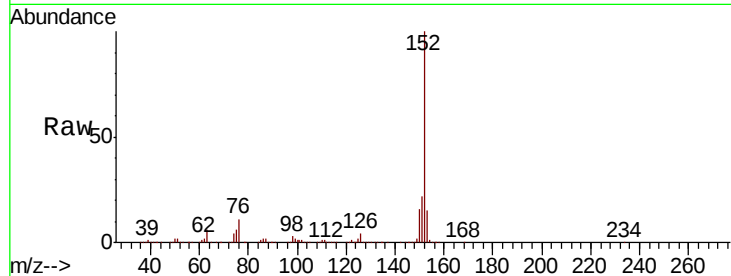
Tgt Ion:152 Resp: 2490811

Ion Ratio Lower Upper

152 100

151 22.2 17.5 26.3

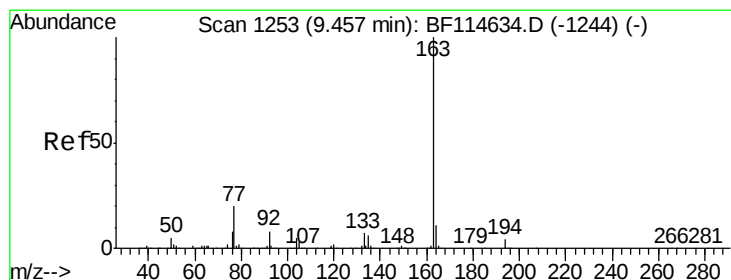
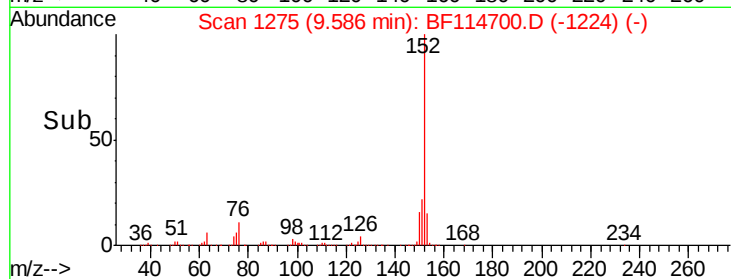
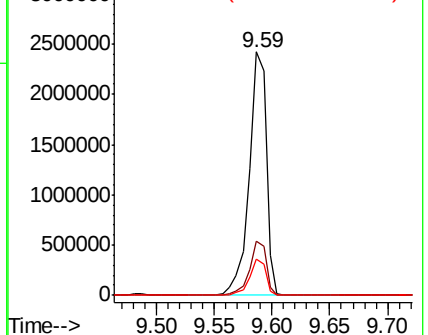
153 14.7 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 9.243 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

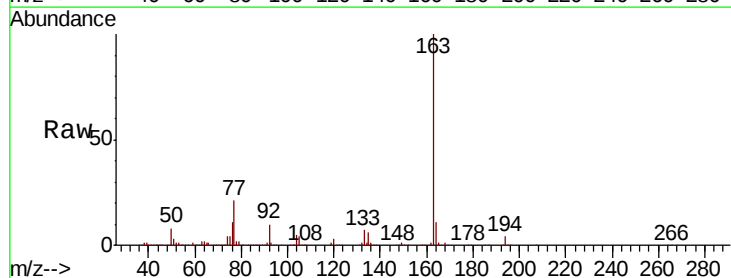
Tgt Ion:163 Resp: 1857676

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

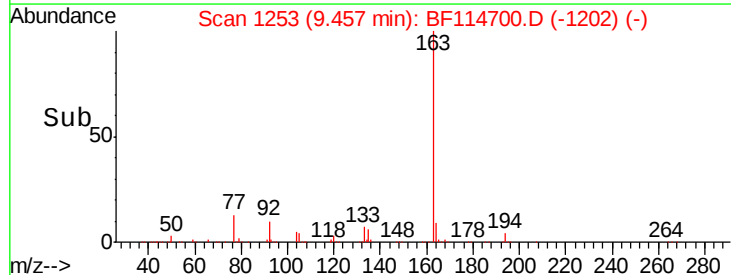
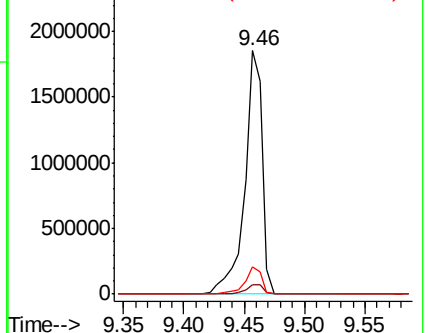
164 11.1 8.6 13.0

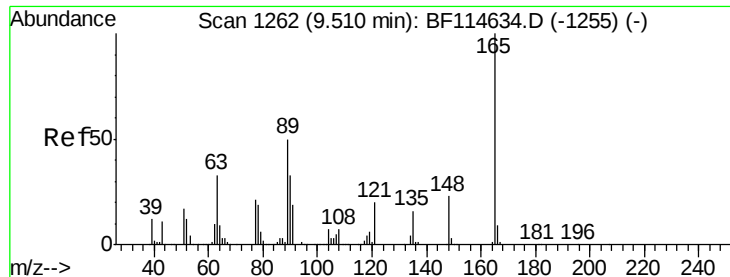


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

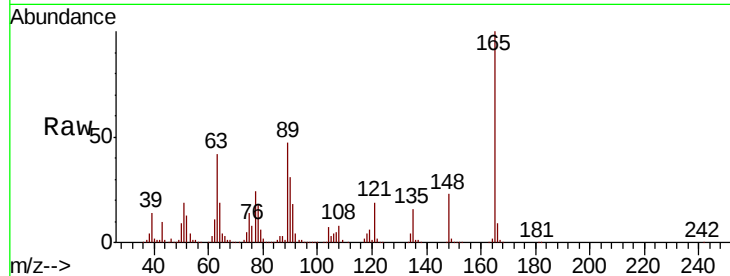




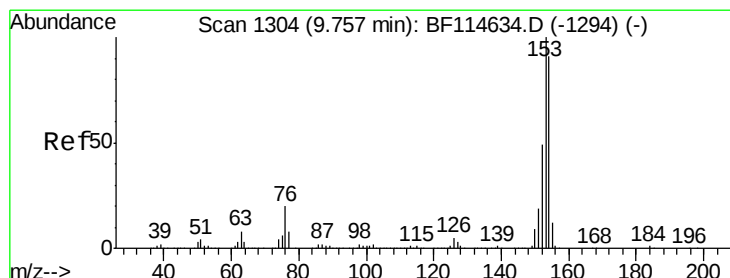
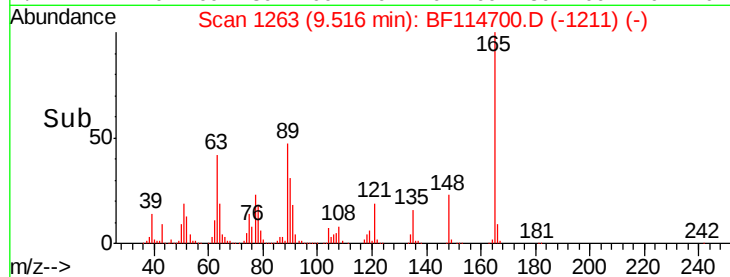
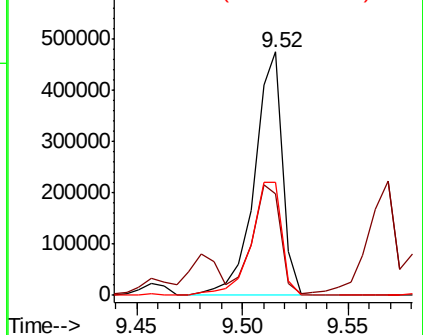
#51
2,6-Dinitrotoluene
Concen: 9.402 ng
RT: 9.52 min Scan# 1263
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tgt Ion:165 Resp: 439057
Ion Ratio Lower Upper
165 100
63 41.6 36.6 54.8
89 46.7 40.2 60.4

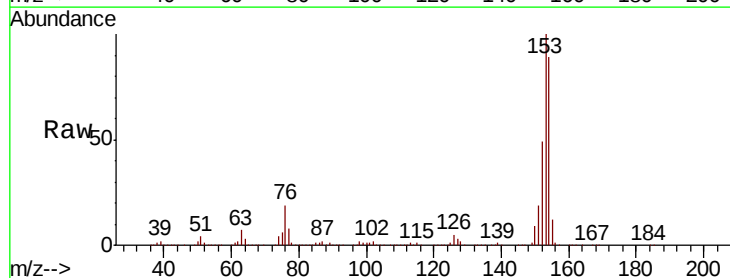


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

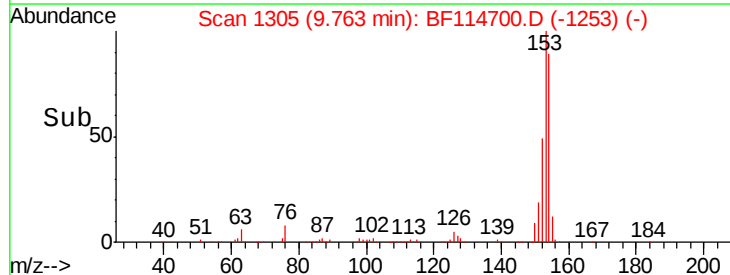
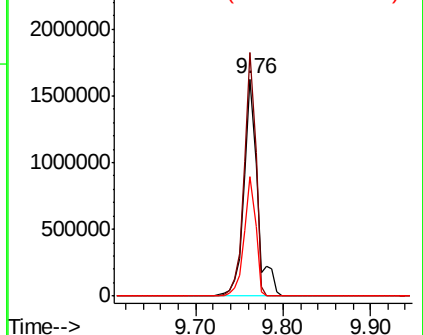


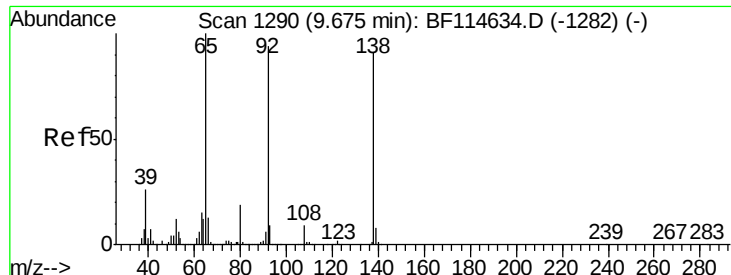
#52
Acenaphthene
Concen: 9.935 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion:154 Resp: 1653117
Ion Ratio Lower Upper
154 100
153 112.1 88.4 132.6
152 54.8 43.4 65.0



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

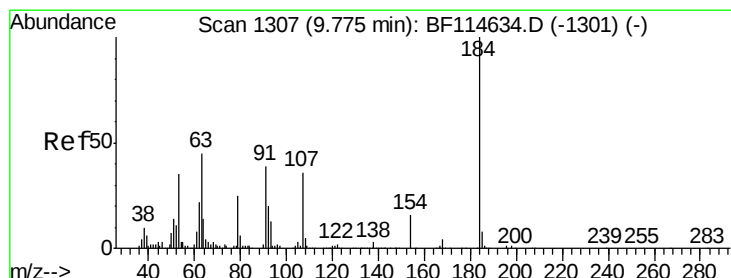
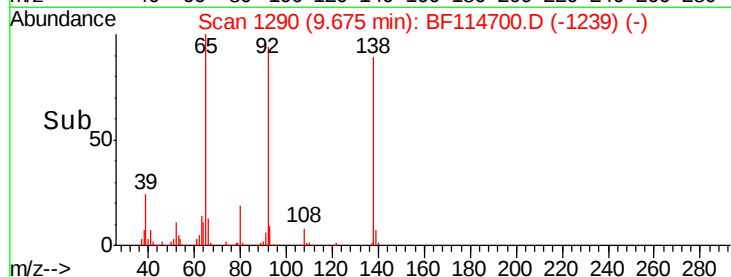
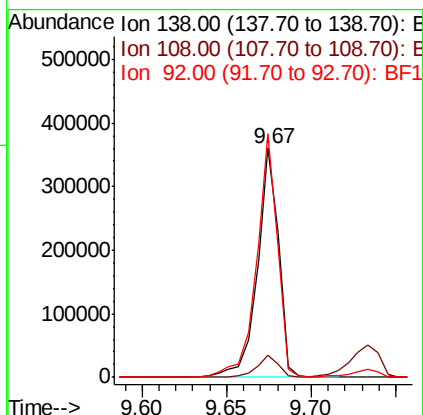
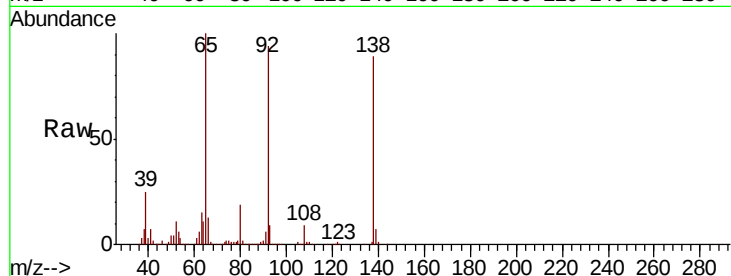




#53
3-Nitroaniline
Concen: 5.526 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

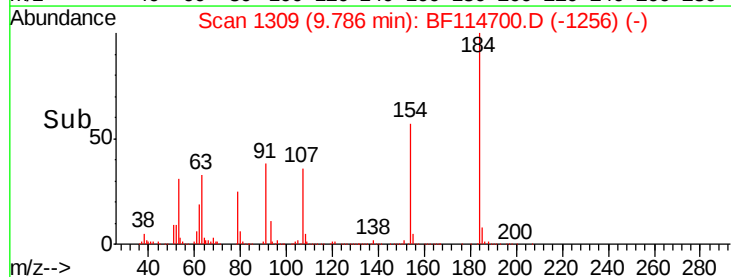
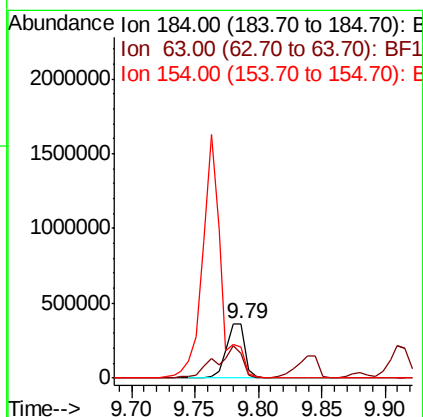
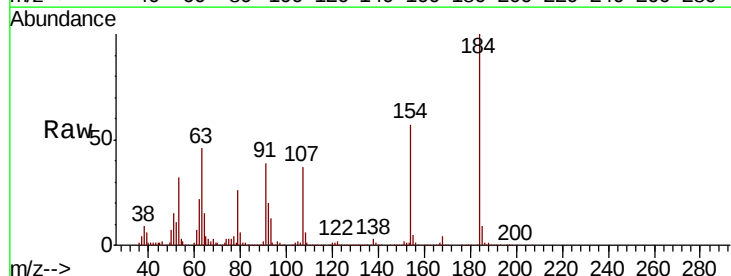
Instrument :
BNA_F
ClientSampleId :
PB120137BS

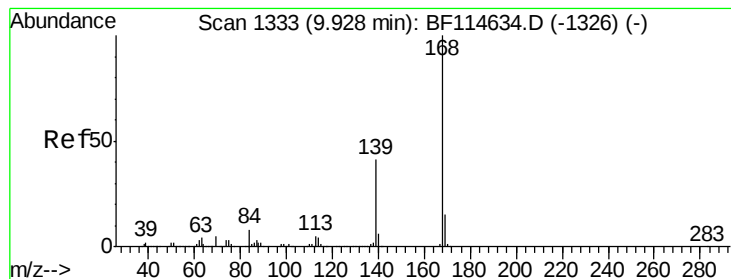
Tgt Ion:138 Resp: 315819
Ion Ratio Lower Upper
138 100
108 9.6 8.3 12.5
92 106.2 83.1 124.7



#54
2,4-Dinitrophenol
Concen: 20.054 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion:184 Resp: 369404
Ion Ratio Lower Upper
184 100
63 45.6 38.8 58.2
154 57.4 43.7 65.5





#55

Dibenzenofuran

Concen: 9.134 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

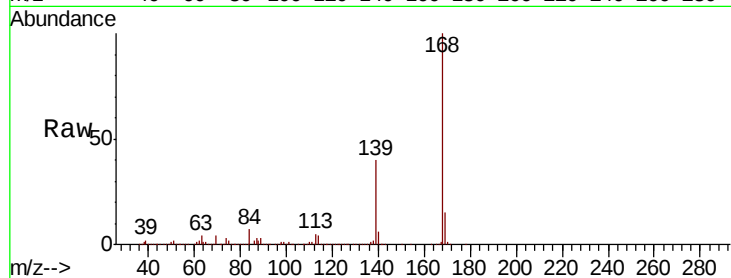
Tgt Ion:168 Resp: 2163505

Ion Ratio Lower Upper

168 100

139 39.8 32.6 48.8

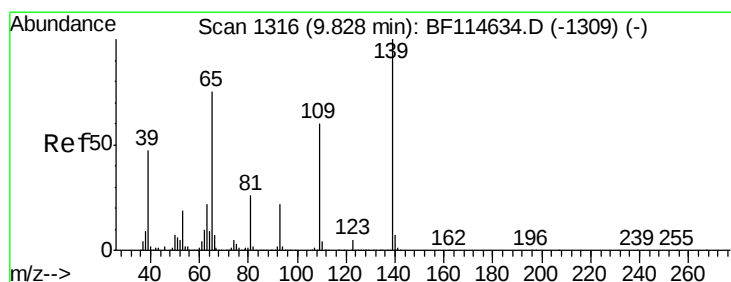
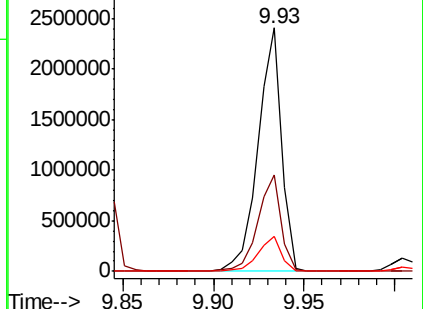
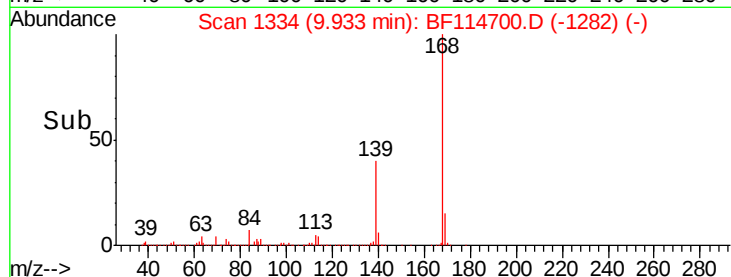
169 14.6 11.8 17.8



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: 17.659 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.02 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

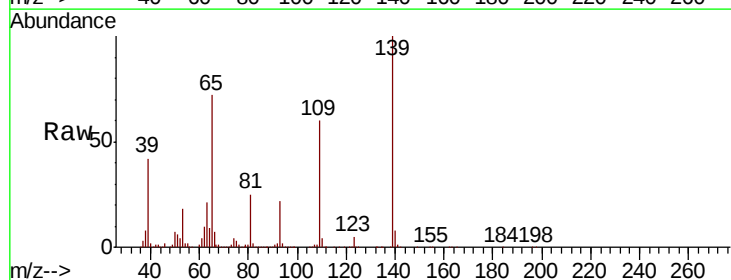
Tgt Ion:139 Resp: 747936

Ion Ratio Lower Upper

139 100

109 59.6 40.4 80.4

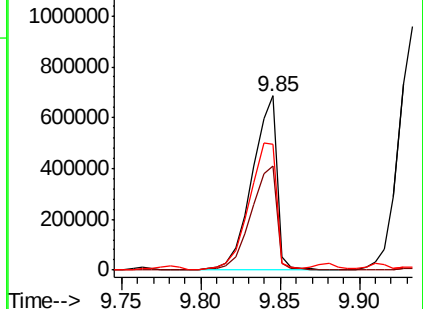
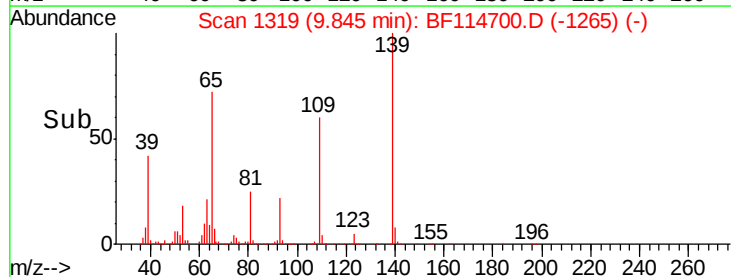
65 71.9 54.7 94.7

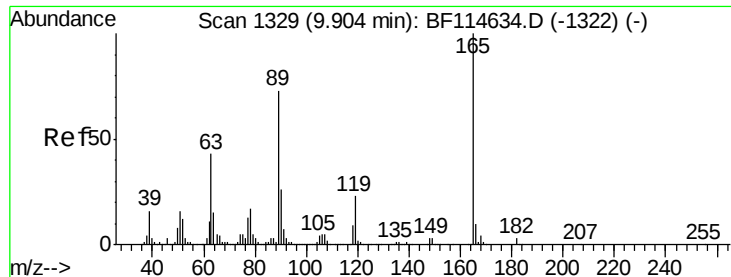


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

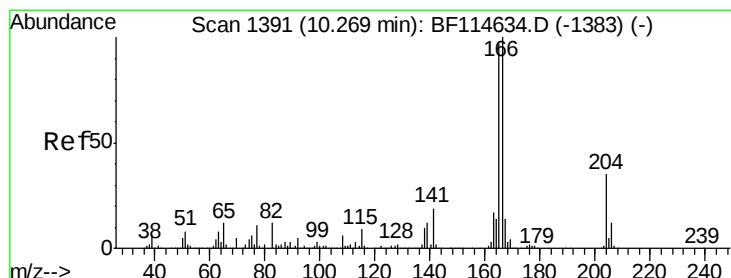
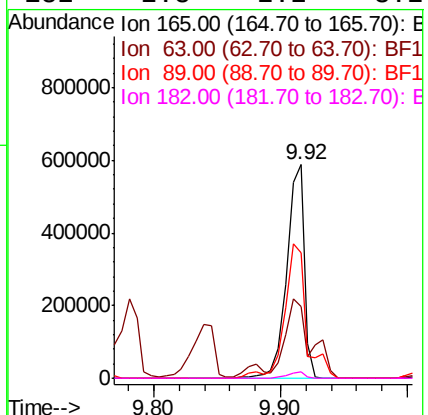
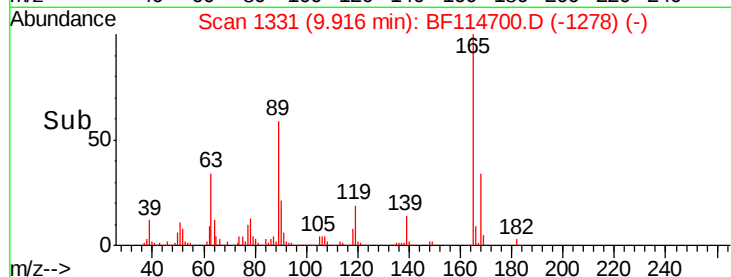
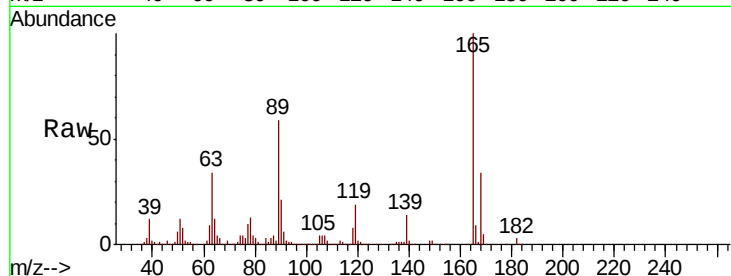




#57
 2,4-Dinitrotoluene
 Concen: 9.544 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

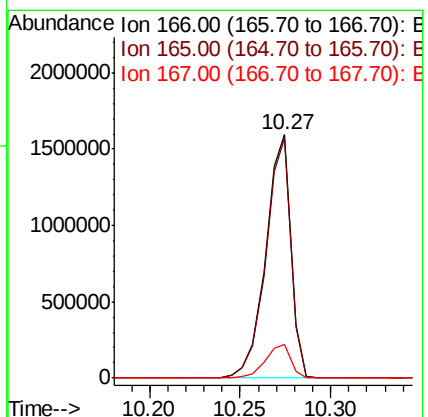
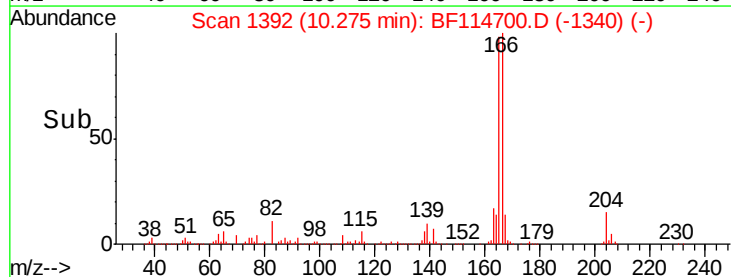
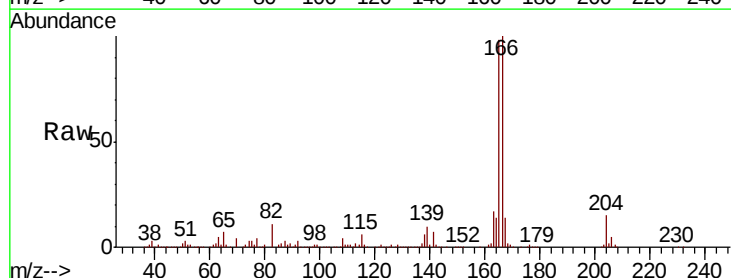
Instrument :
 BNA_F
 ClientSampleId :
 PB120137BS

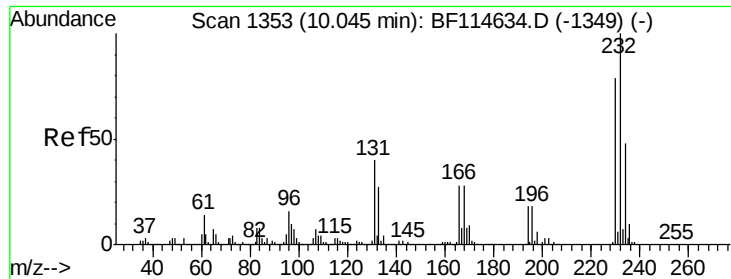
Tgt Ion:165 Resp: 572042
 Ion Ratio Lower Upper
 165 100
 63 33.8 34.8 52.2#
 89 58.7 58.5 87.7
 182 2.8 2.2 3.2



#58
 Fluorene
 Concen: 4.982 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Tgt Ion:166 Resp: 1533450
 Ion Ratio Lower Upper
 166 100
 165 98.2 77.6 116.4
 167 13.8 11.2 16.8

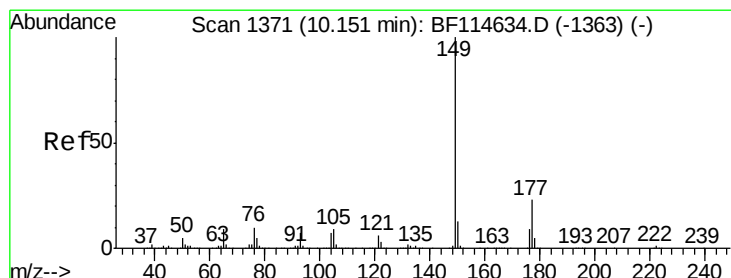
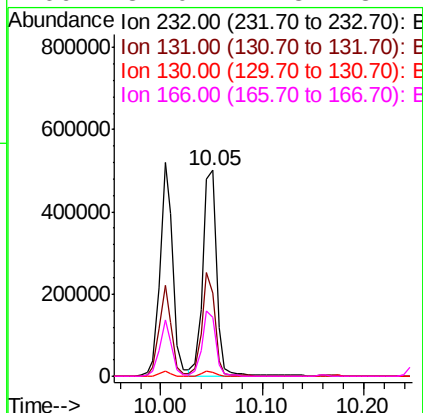
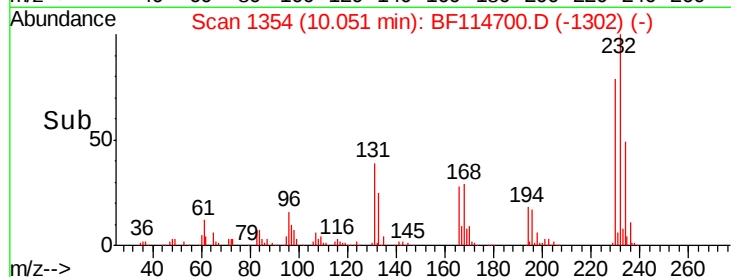
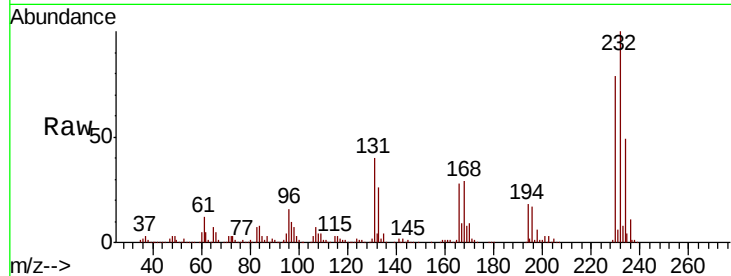




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.652 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

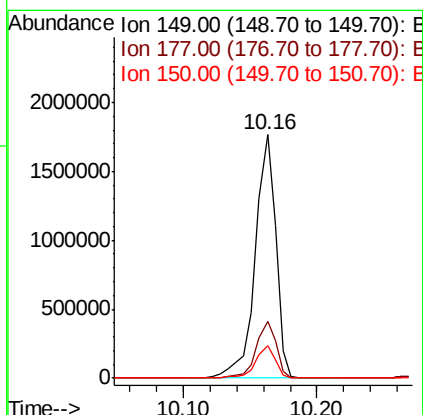
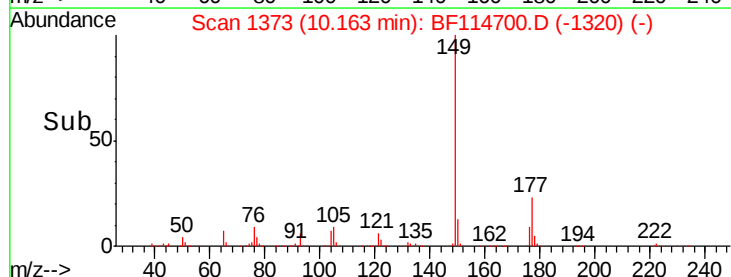
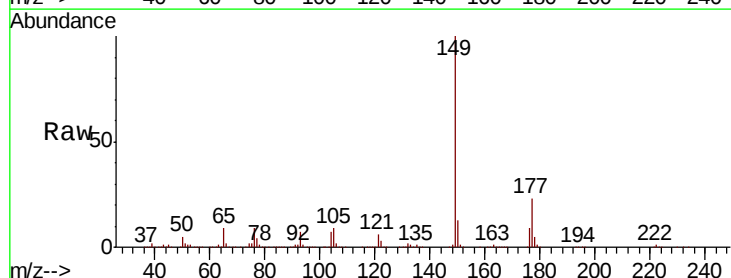
Instrument :
BNA_F
ClientSampleId :
PB120137BS

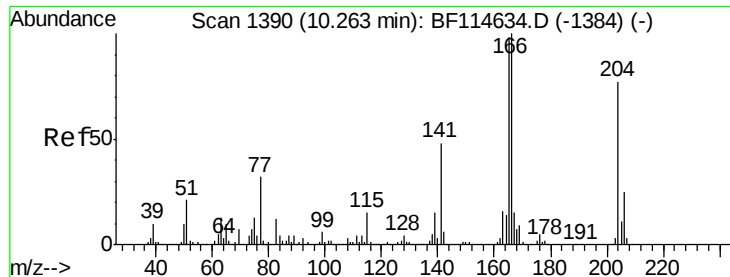
Tgt Ion:	232	Resp:	476462
Ion	Ratio	Lower	Upper
232	100		
131	47.2	37.2	55.8
130	2.4	1.8	2.8
166	31.0	24.8	37.2



#60
Diethylphthalate
Concen: 9.038 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion:	149	Resp:	1855288
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.6	28.0
150	13.2	10.6	15.8

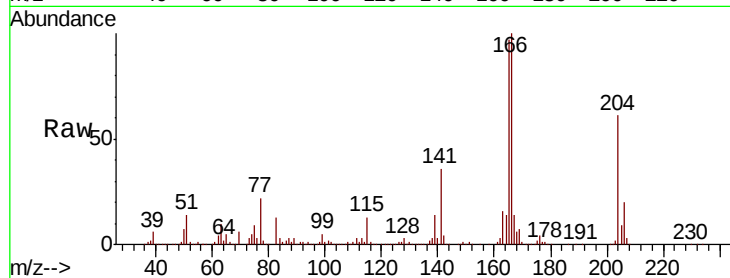




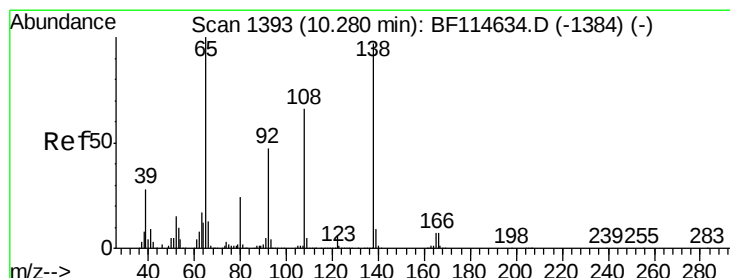
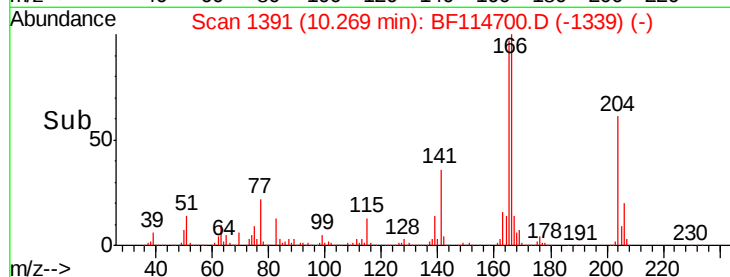
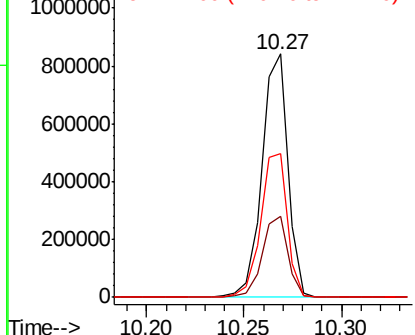
#61
 4-Chlorophenyl-phenylether
 Concen: 5.359 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Instrument :
 BNA_F
 ClientSampleId :
 PB120137BS

Tgt Ion: 204 Resp: 772815
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.4 39.6
 141 59.1 50.0 75.0

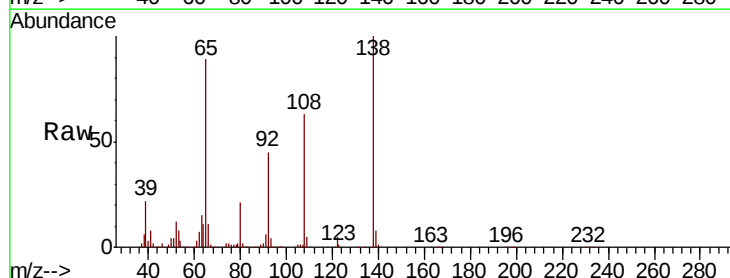


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

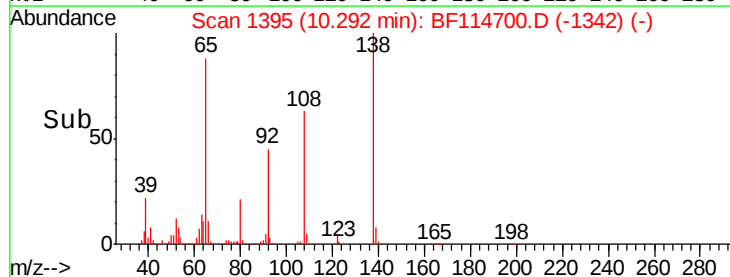
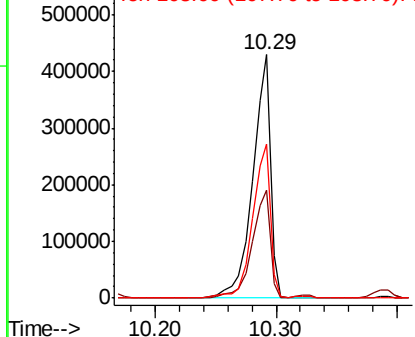


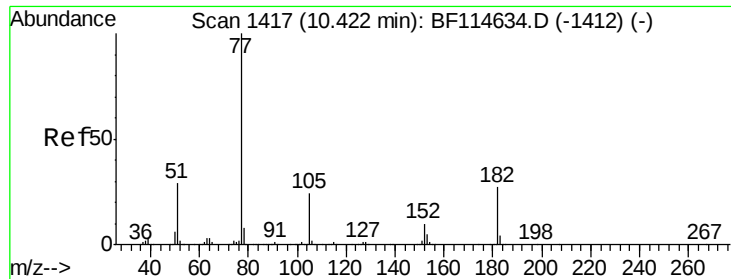
#62
 4-Nitroaniline
 Concen: 7.970 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.01 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Tgt Ion: 138 Resp: 443889
 Ion Ratio Lower Upper
 138 100
 92 44.5 28.0 68.0
 108 63.2 48.4 88.4



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: 8.881 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

Tgt Ion: 77 Resp: 1673679

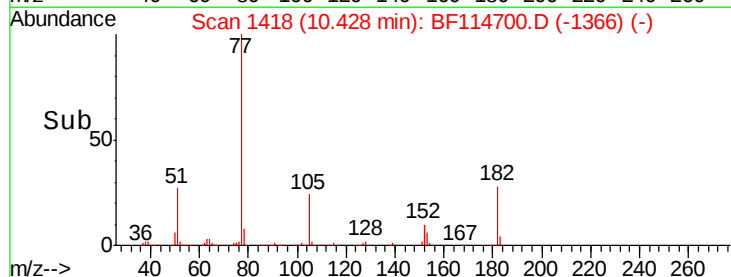
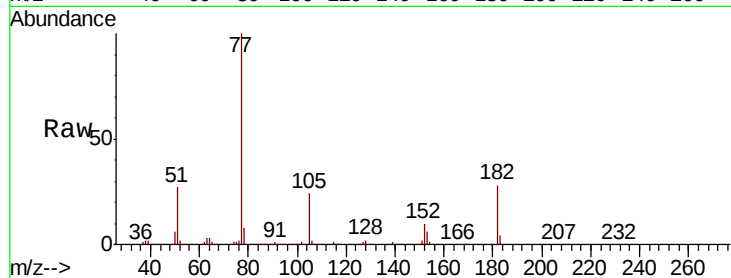
Ion Ratio Lower Upper

77 100

182 27.8 7.0 47.0

105 24.0 3.7 43.7

51 27.2 9.1 49.1

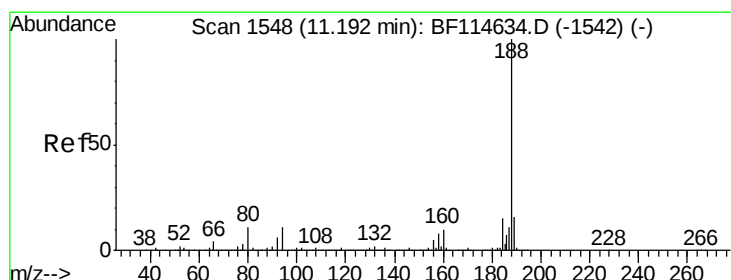
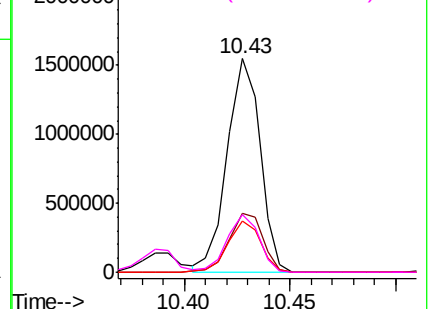


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.21 min Scan# 1551

Delta R.T. 0.02 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

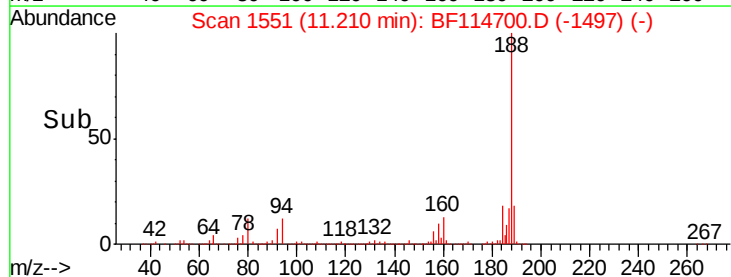
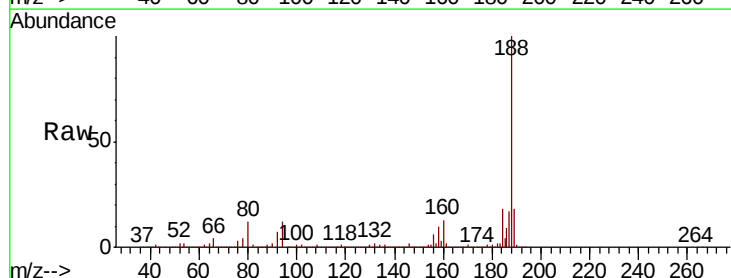
Tgt Ion: 188 Resp: 4791802

Ion Ratio Lower Upper

188 100

94 11.6 8.6 13.0

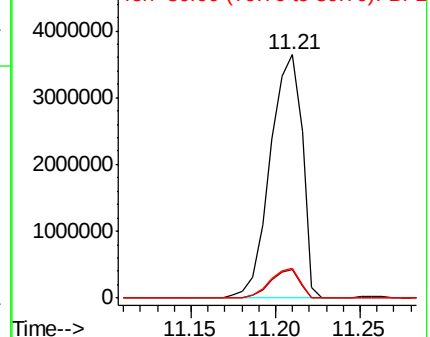
80 12.5 9.0 13.6

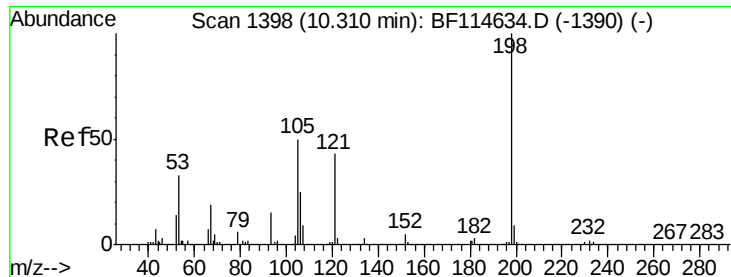


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

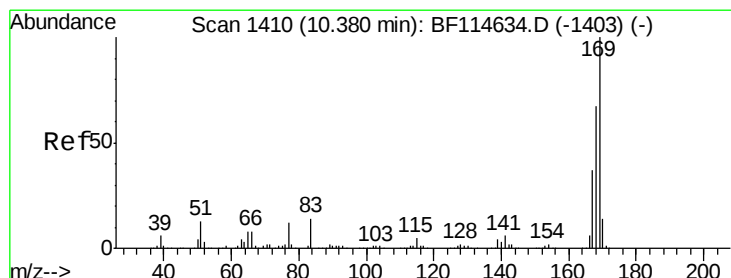
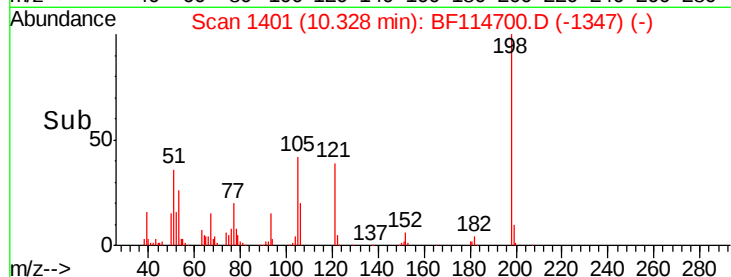
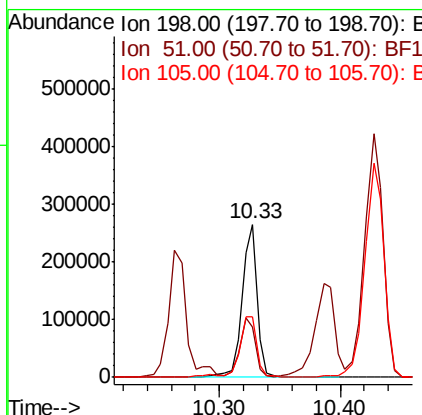
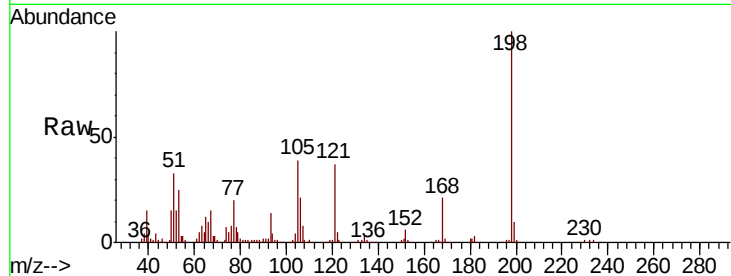




#65
 4,6-Dinitro-2-methylphenol
 Concen: 10.950 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.02 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

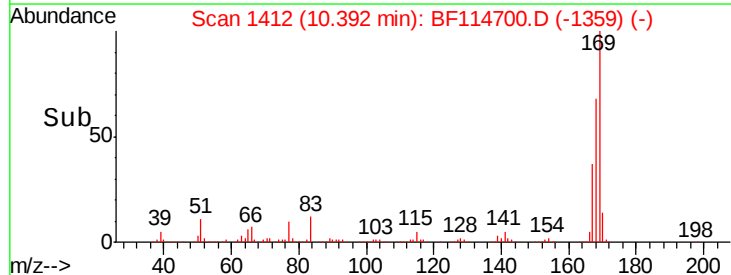
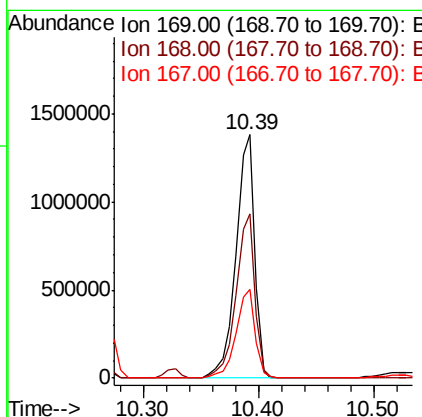
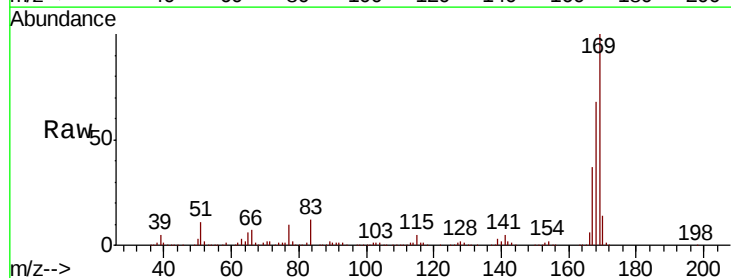
Instrument :
 BNA_F
 ClientSampleId :
 PB120137BS

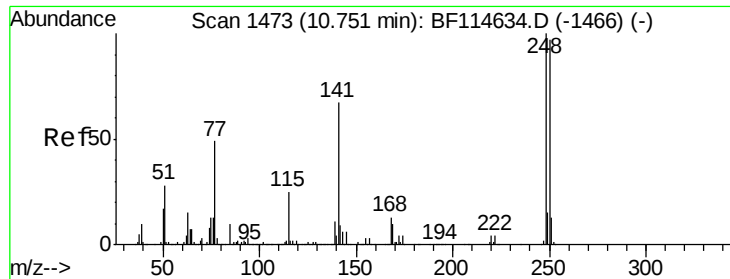
Tgt Ion:198 Resp: 232667
 Ion Ratio Lower Upper
 198 100
 51 33.1 29.0 69.0
 105 39.1 30.4 70.4



#66
 n-Nitrosodiphenylamine
 Concen: 10.951 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Tgt Ion:169 Resp: 1550397
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.8 80.8
 167 36.5 29.8 44.6

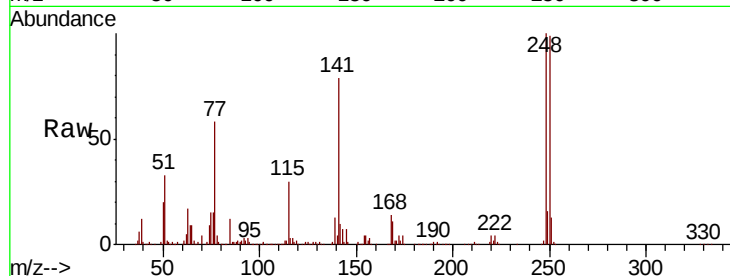




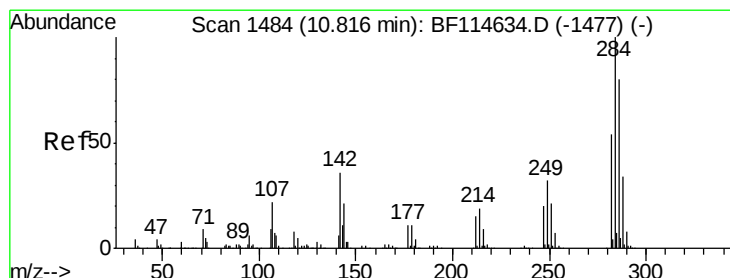
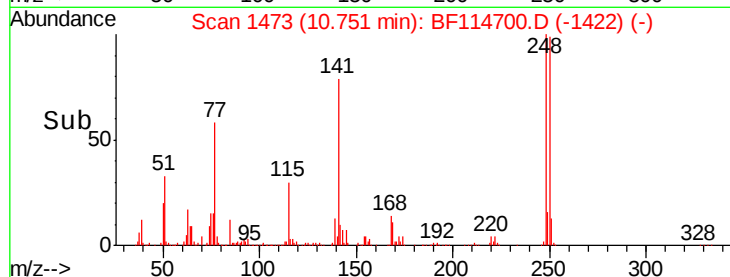
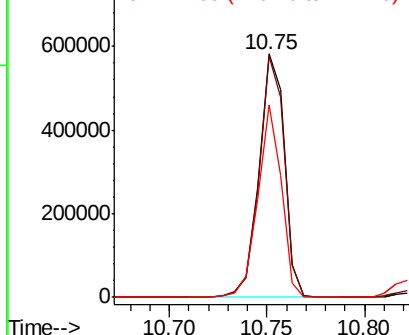
#67
4-Bromophenyl-phenylether
Concen: 10.197 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tgt Ion:248 Resp: 524000
Ion Ratio Lower Upper
248 100
250 99.3 78.0 117.0
141 79.0 53.8 80.8

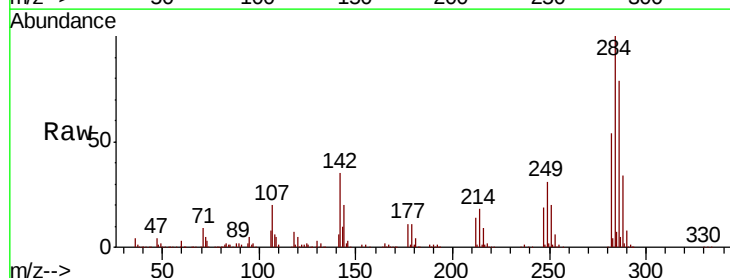


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

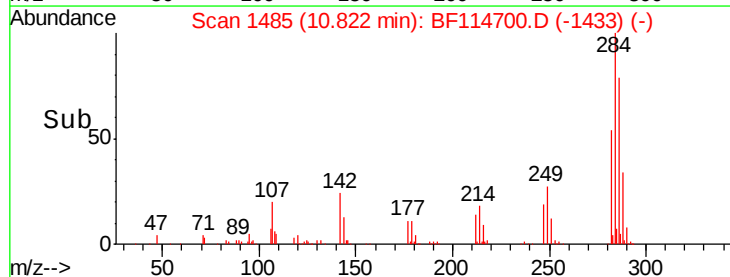
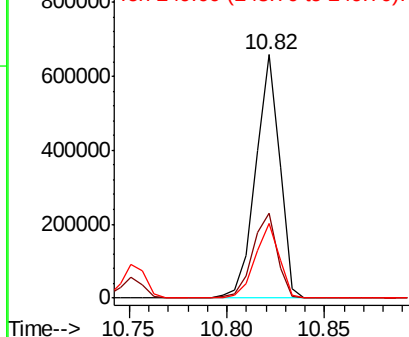


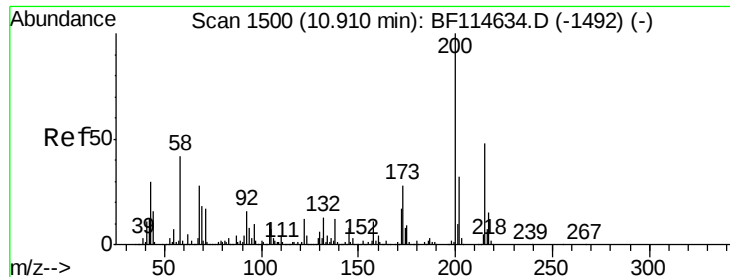
#68
Hexachlorobenzene
Concen: 10.073 ng
RT: 10.82 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion:284 Resp: 560650
Ion Ratio Lower Upper
284 100
142 34.7 28.9 43.3
249 30.7 25.8 38.6



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

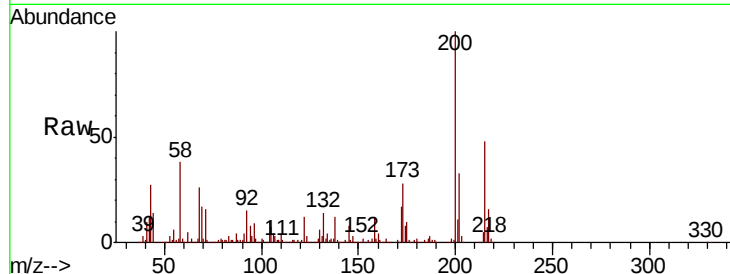




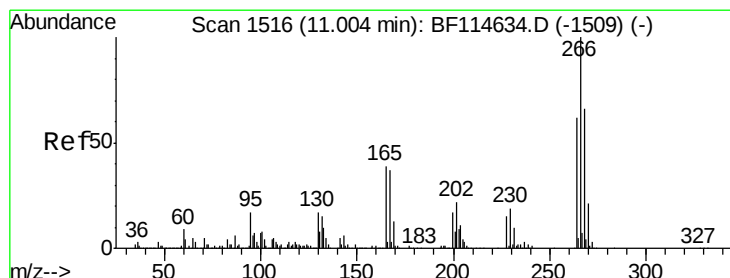
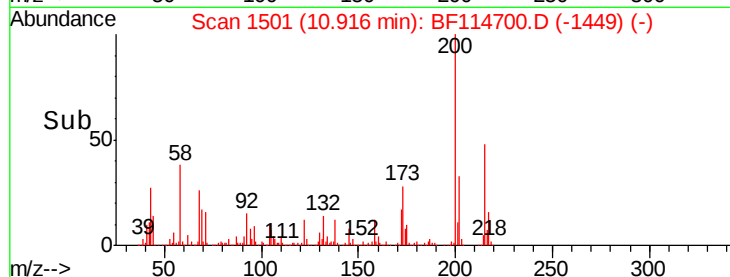
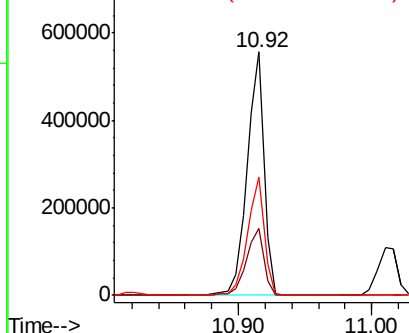
#69
Atrazine
Concen: 8.832 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.9	47.9
215	48.4	27.8	67.8

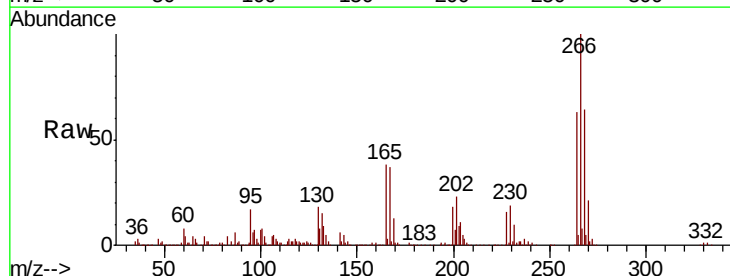


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

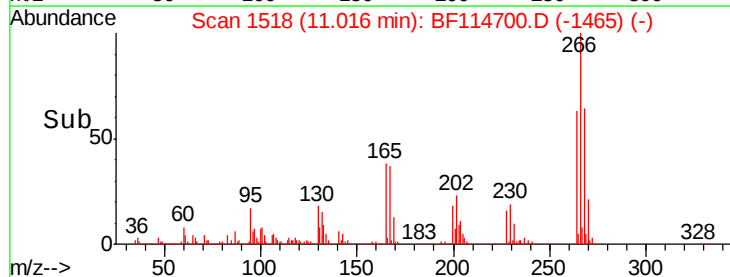
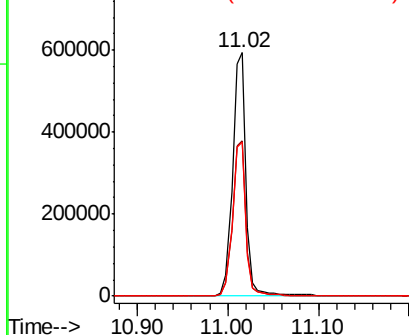


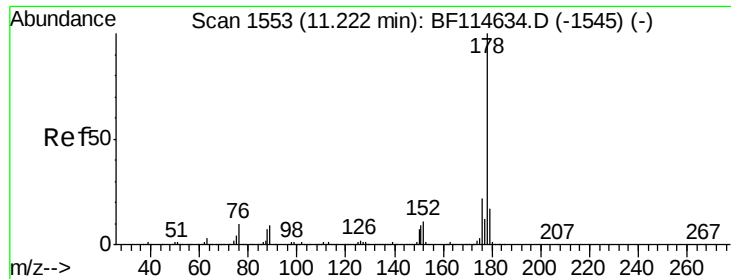
#70
Pentachlorophenol
Concen: 19.192 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.8	79.2
264	63.3	49.9	74.9



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

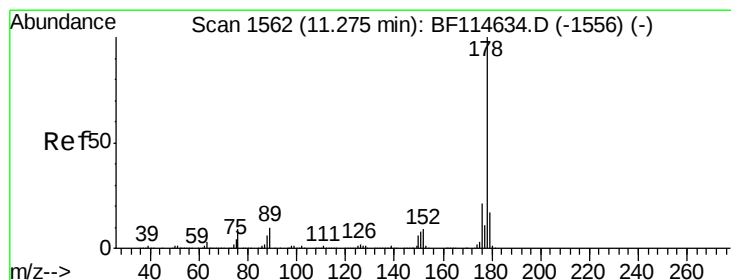
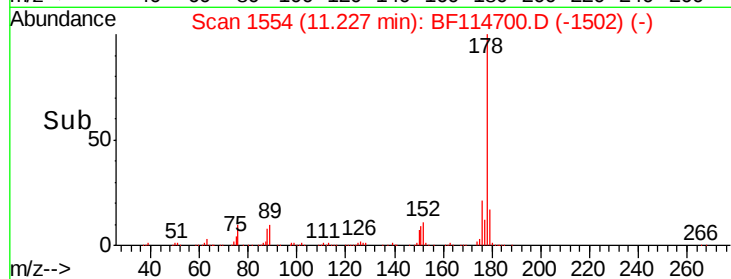
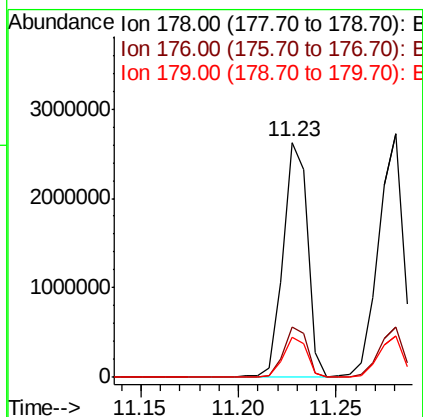
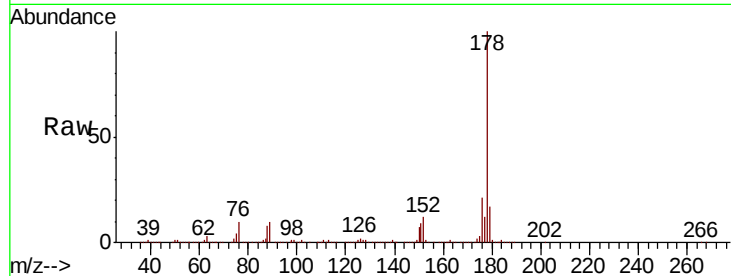




#71
Phenanthrene
Concen: 9.339 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

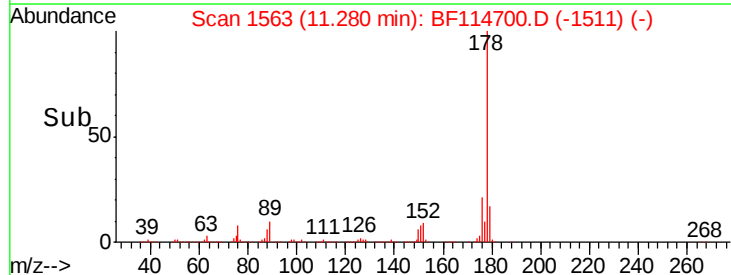
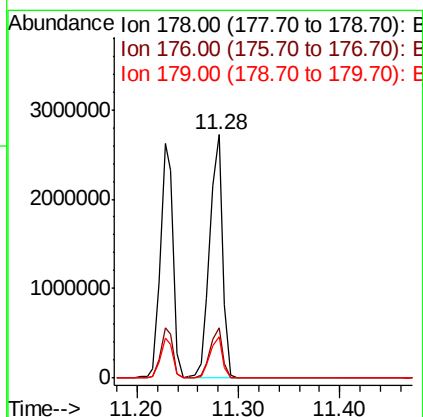
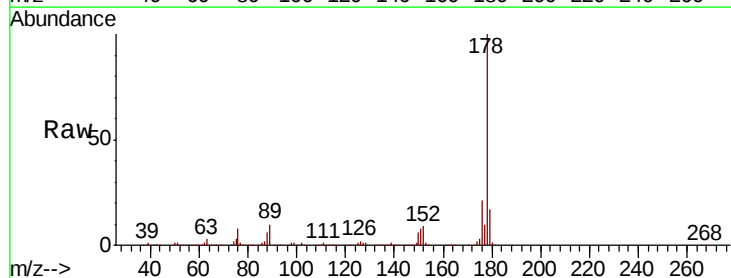
Instrument :
BNA_F
ClientSampleId :
PB120137BS

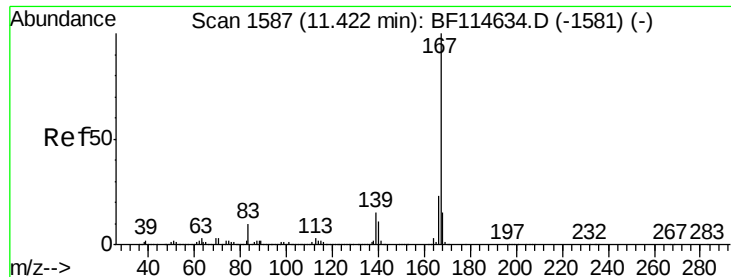
Tgt Ion:178 Resp: 2282848
Ion Ratio Lower Upper
178 100
176 21.4 17.2 25.8
179 17.2 13.9 20.9



#72
Anthracene
Concen: 9.750 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion:178 Resp: 2412136
Ion Ratio Lower Upper
178 100
176 20.9 16.6 24.8
179 17.0 13.4 20.0

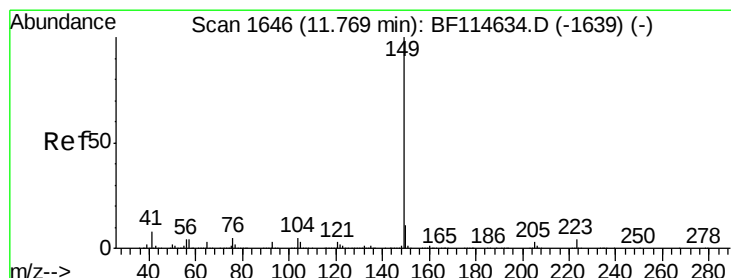
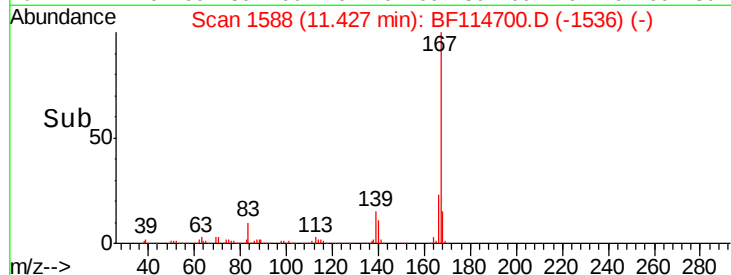
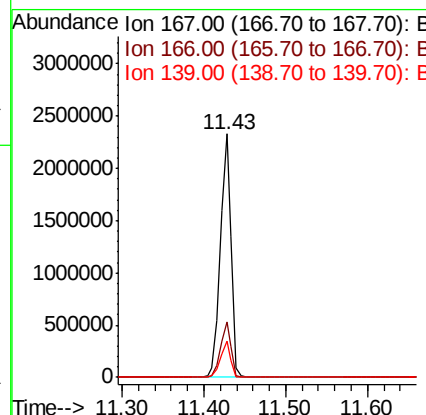
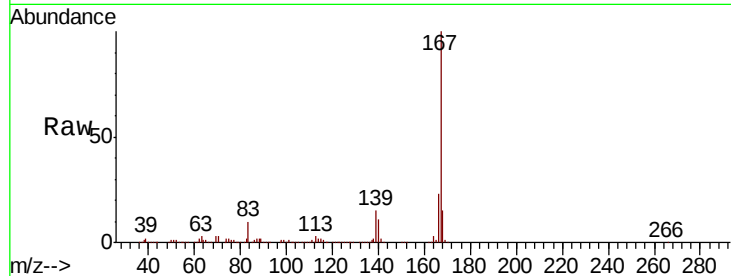




#73
 Carbazole
 Concen: 9.842 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

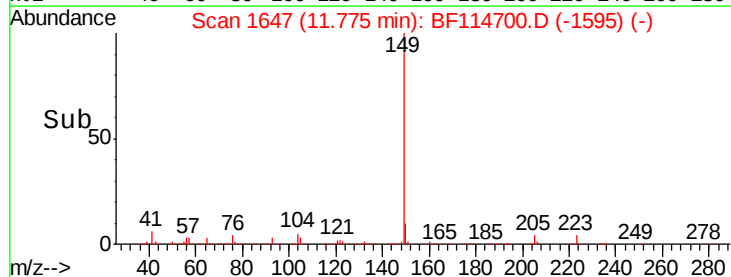
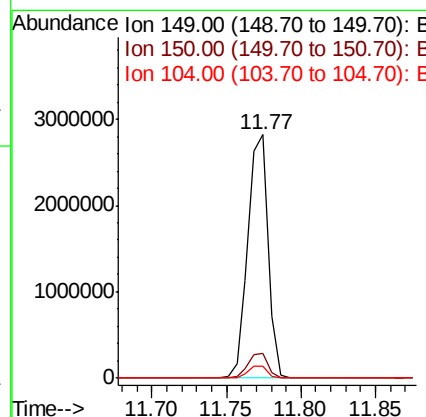
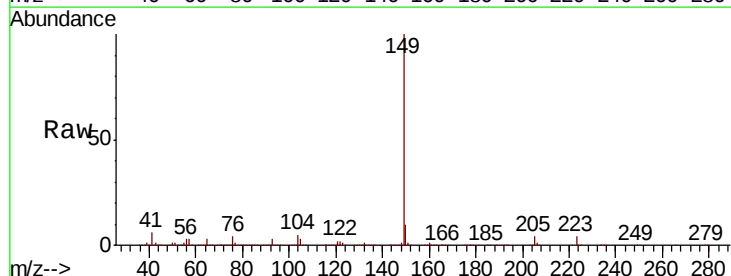
Instrument :
 BNA_F
 ClientSampleId :
 PB120137BS

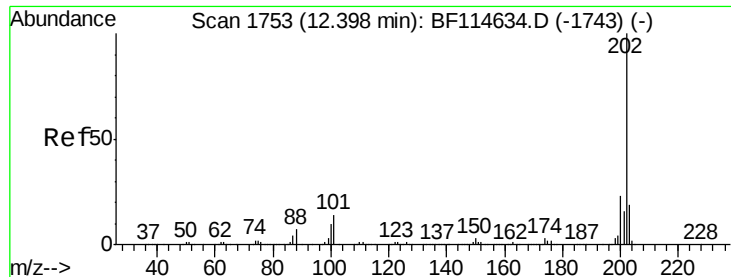
Tgt Ion:167 Resp: 2139987
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.7 28.1
 139 14.7 11.8 17.8



#74
 Di-n-butylphthalate
 Concen: 6.422 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. 0.01 min
 Lab File: BF114700.D
 Acq: 31 May 2019 11:34

Tgt Ion:149 Resp: 2658366
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.6 12.8
 104 4.7 4.3 6.5





#75

Fluoranthene

Concen: 9.200 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

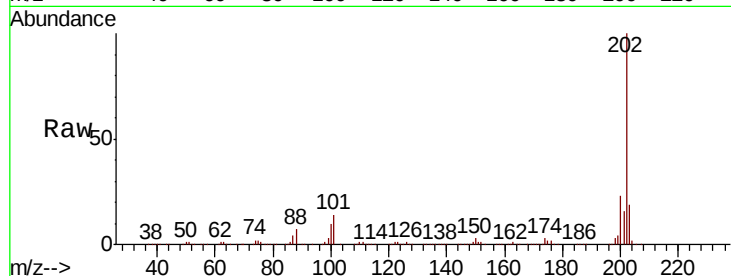
Tgt Ion:202 Resp: 2328650

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.9

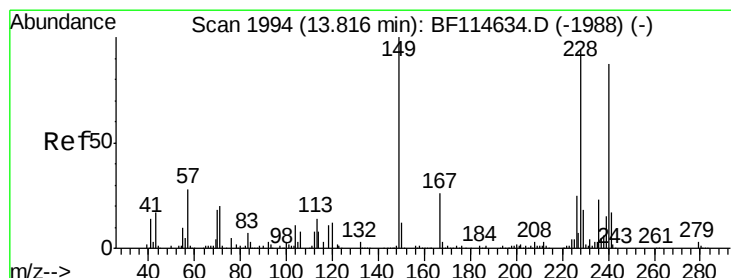
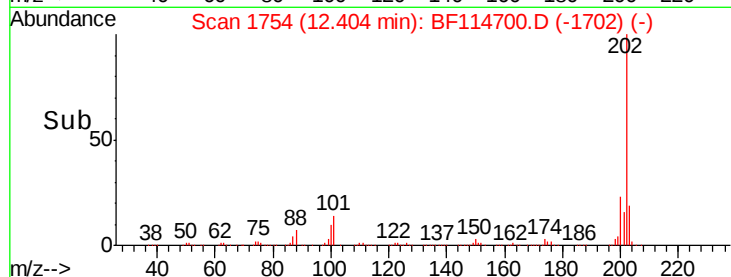
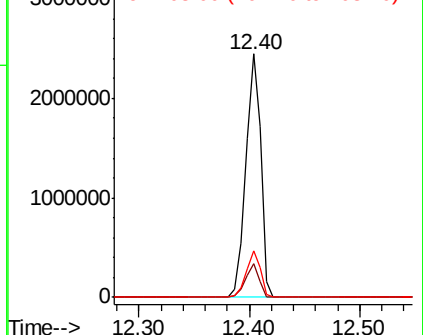
203 19.1 0.0 39.1



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: 13.83 min Scan# 1997

Delta R.T. 0.02 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

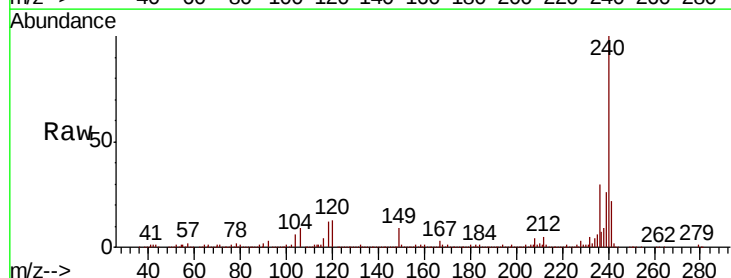
Tgt Ion:240 Resp: 3275891

Ion Ratio Lower Upper

240 100

120 13.0 11.2 16.8

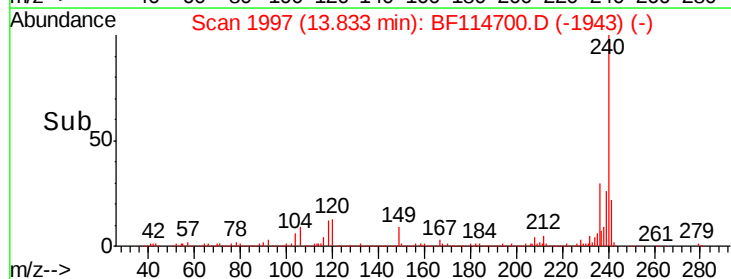
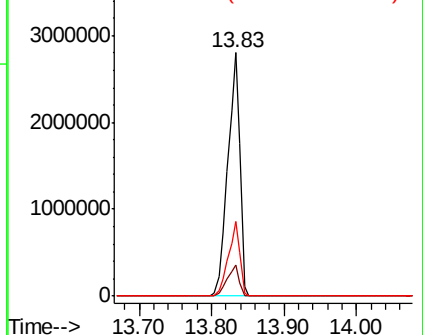
236 30.4 21.2 31.8

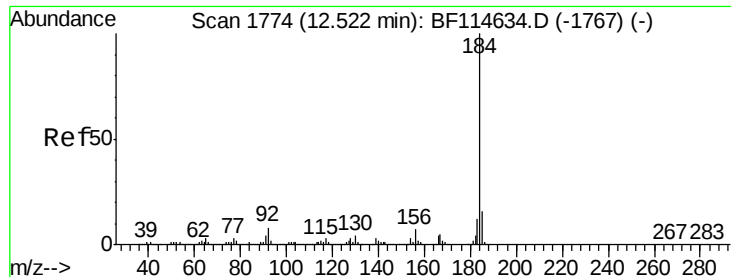


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.986 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

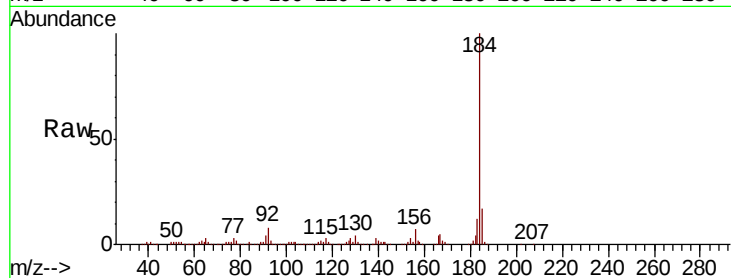
Tgt Ion:184 Resp: 942430

Ion Ratio Lower Upper

184 100

185 16.8 12.6 18.8

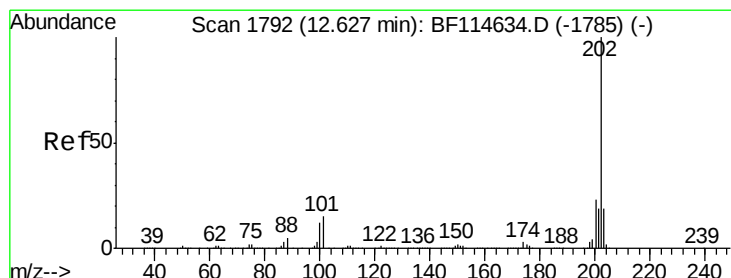
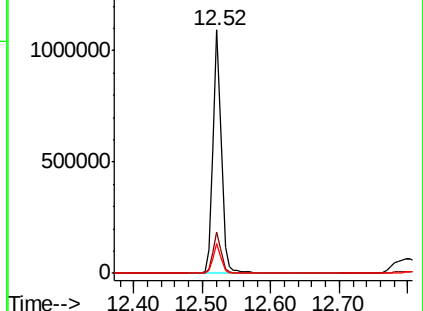
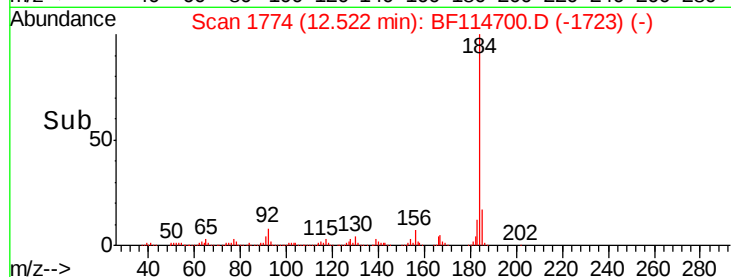
183 12.0 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 8.400 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

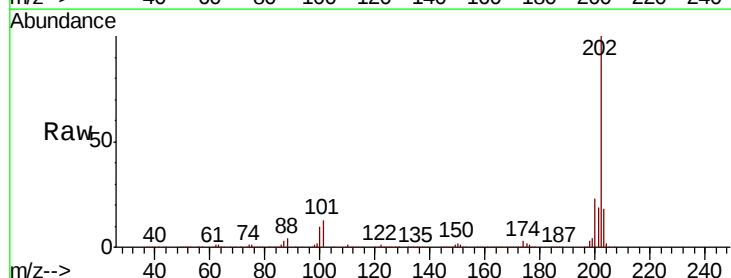
Tgt Ion:202 Resp: 2327796

Ion Ratio Lower Upper

202 100

200 22.9 18.6 28.0

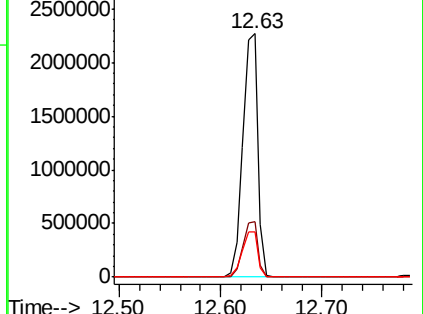
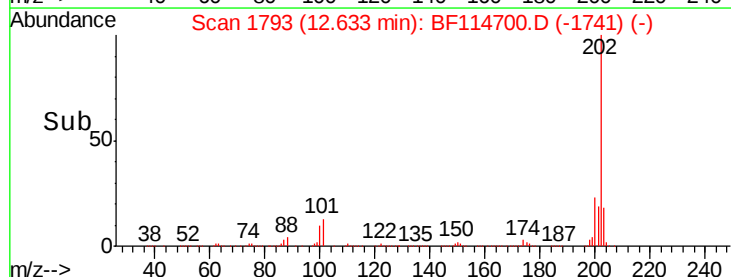
203 18.4 15.4 23.2

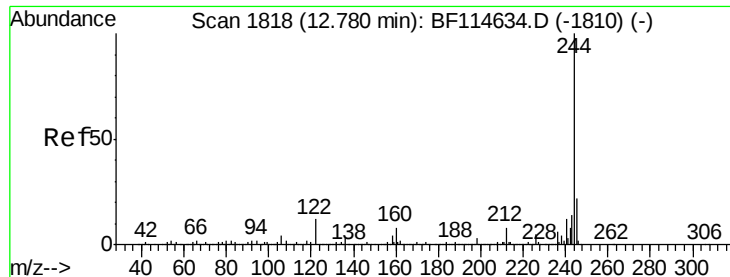


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 51.991 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.02 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

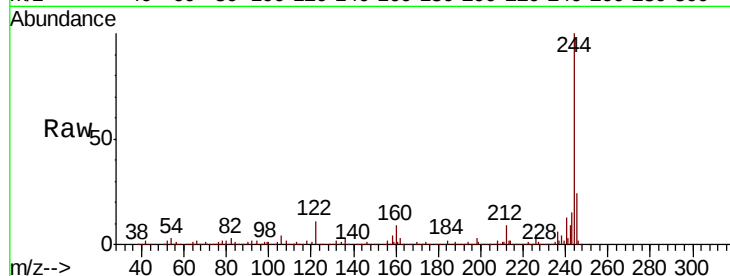
Tgt Ion:244 Resp: 9058760

Ion Ratio Lower Upper

244 100

212 8.5 6.1 9.1

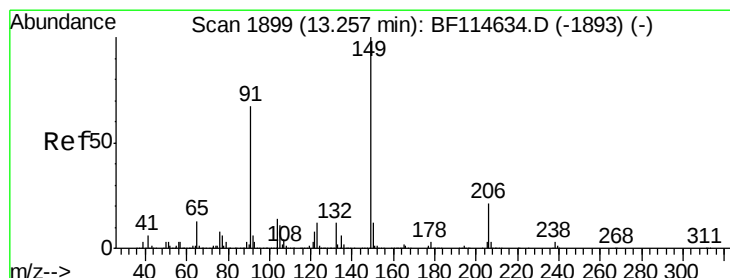
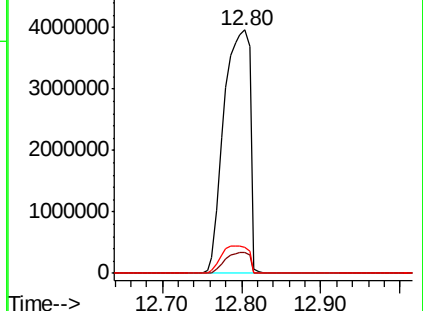
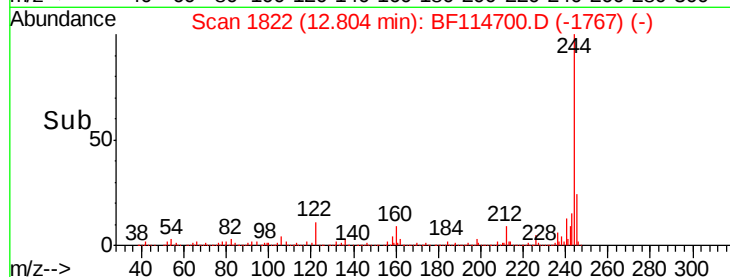
122 10.9 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 8.103 ng

RT: 13.26 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

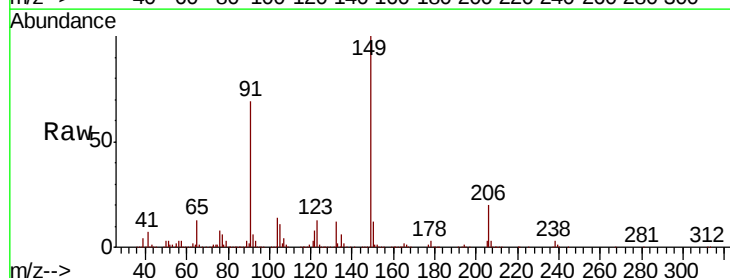
Tgt Ion:149 Resp: 1128517

Ion Ratio Lower Upper

149 100

91 69.4 53.8 80.8

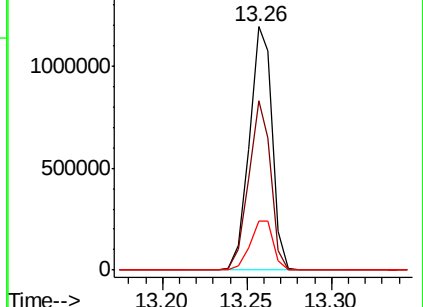
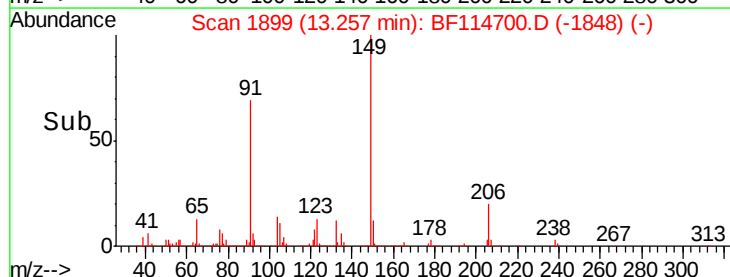
206 20.3 16.9 25.3

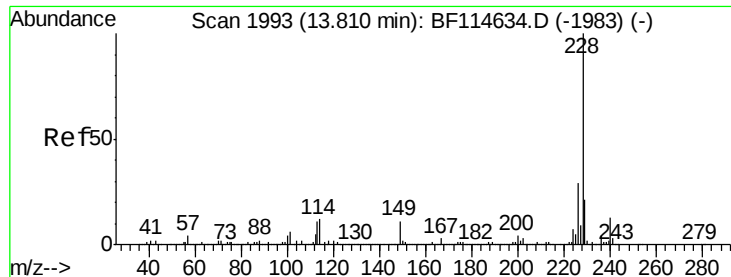


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 7.355 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

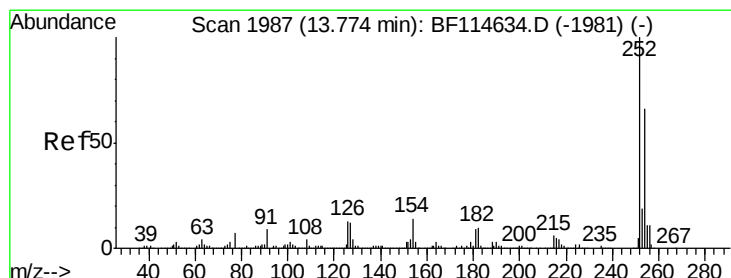
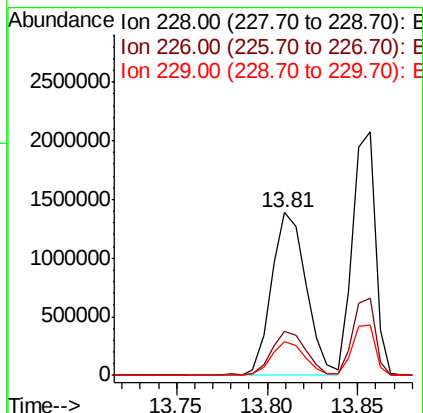
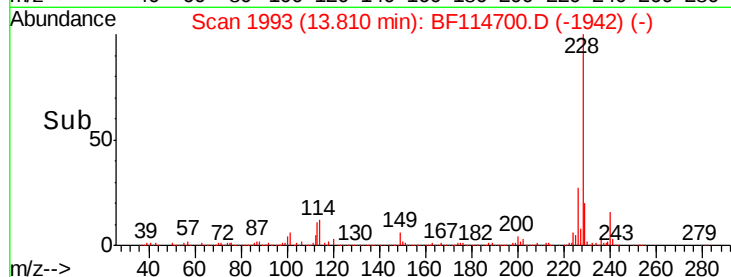
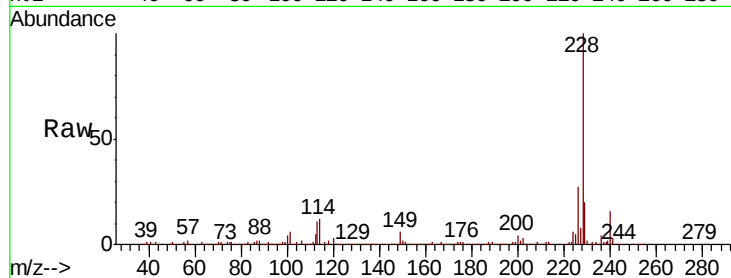
Tgt Ion:228 Resp: 1851425

Ion Ratio Lower Upper

228 100

226 27.4 23.0 34.6

229 20.4 17.0 25.4



#82

3,3'-Dichlorobenzidine

Concen: 6.005 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

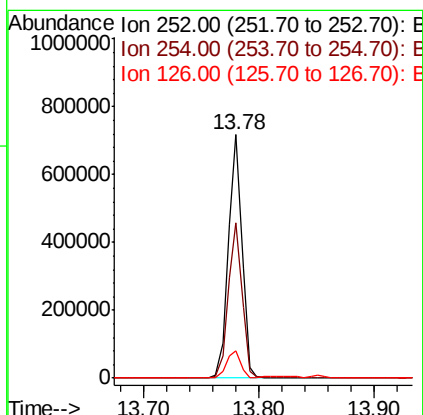
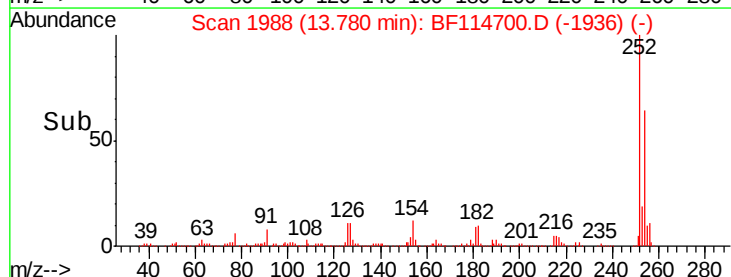
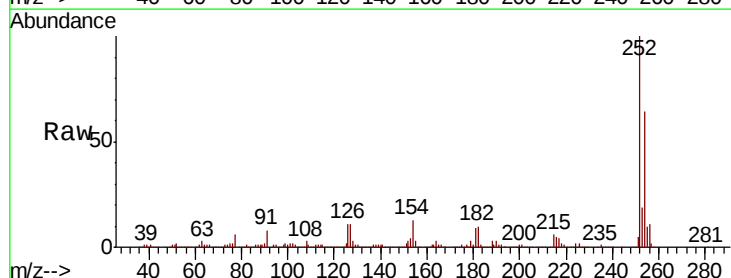
Tgt Ion:252 Resp: 583773

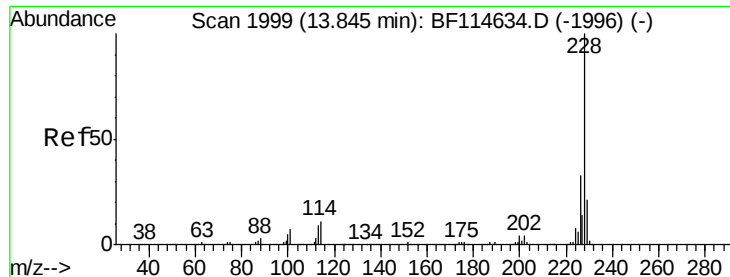
Ion Ratio Lower Upper

252 100

254 63.9 53.1 79.7

126 11.3 10.2 15.2





#83

Chrysene

Concen: 7.551 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

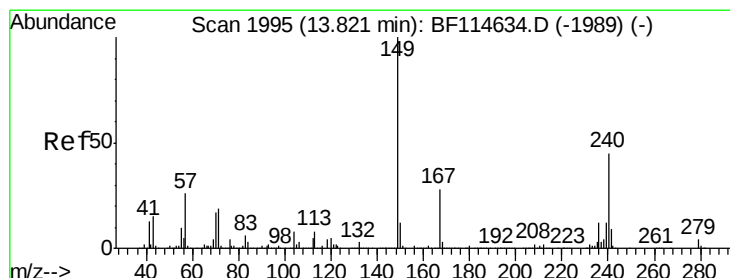
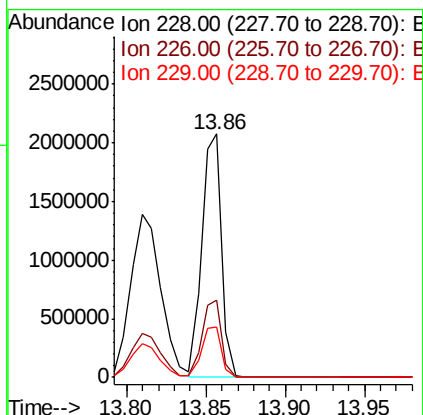
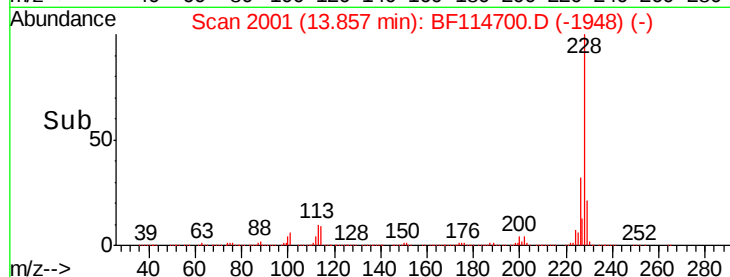
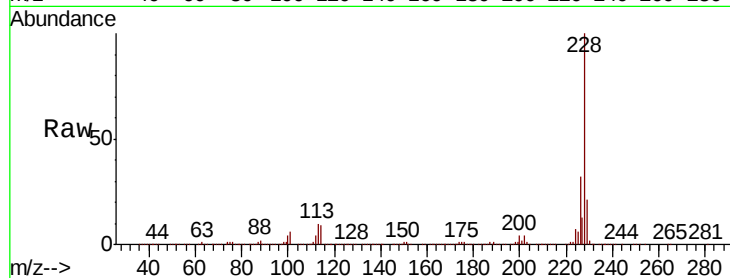
Tgt Ion:228 Resp: 1816108

Ion Ratio Lower Upper

228 100

226 31.6 26.4 39.6

229 20.6 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.513 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

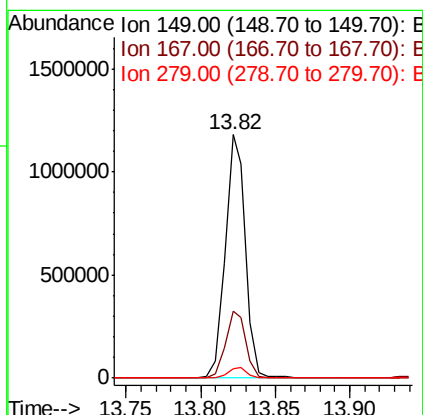
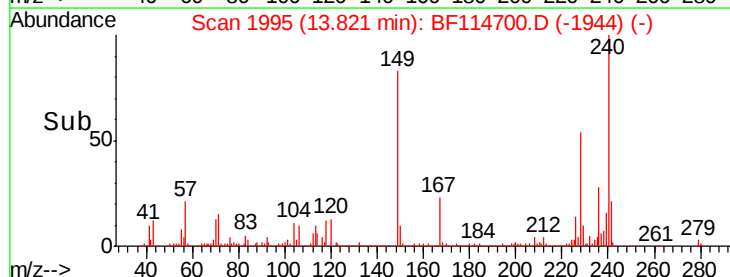
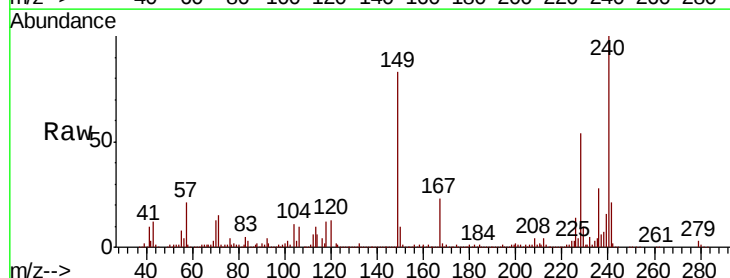
Tgt Ion:149 Resp: 1121416

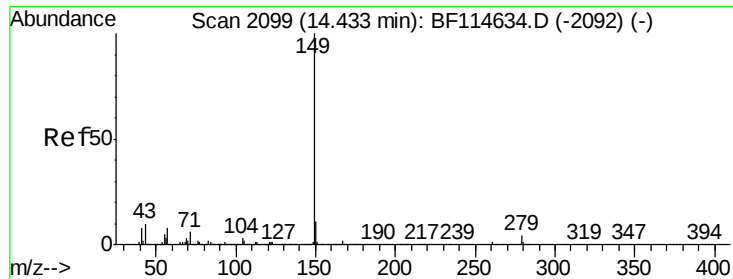
Ion Ratio Lower Upper

149 100

167 27.5 22.6 33.8

279 3.7 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 7.730 ng

RT: 14.43 min Scan# 2099

Delta R.T. 0.00 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

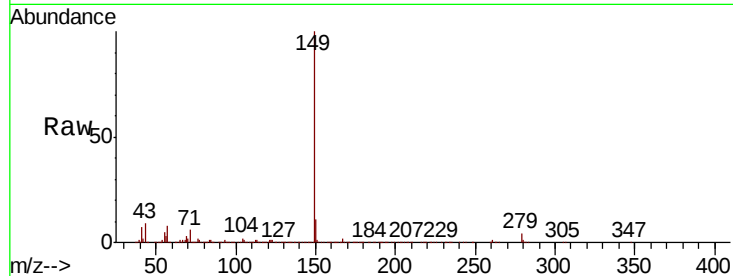
Tgt Ion:149 Resp: 2312445

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

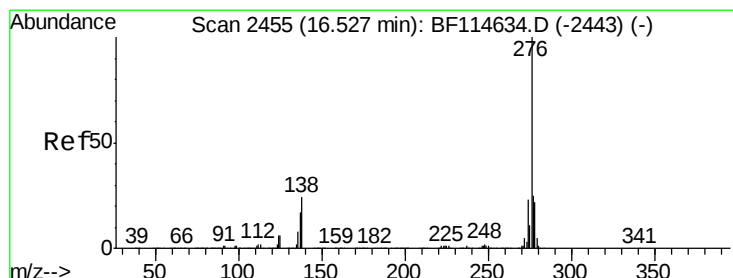
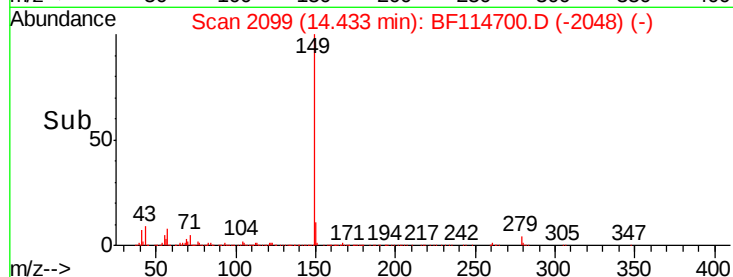
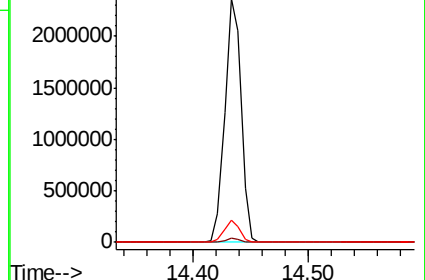
43 8.4 8.0 12.0



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: 6.781 ng

RT: 16.54 min Scan# 2458

Delta R.T. 0.02 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

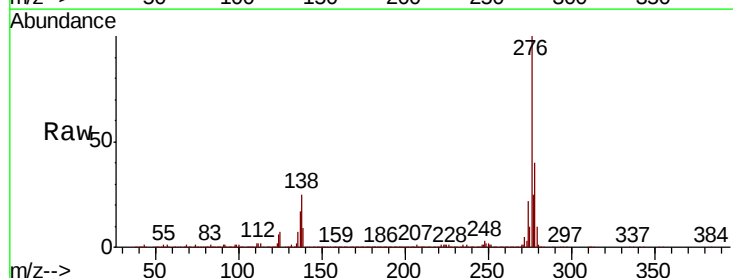
Tgt Ion:276 Resp: 1633556

Ion Ratio Lower Upper

276 100

138 28.0 23.0 34.6

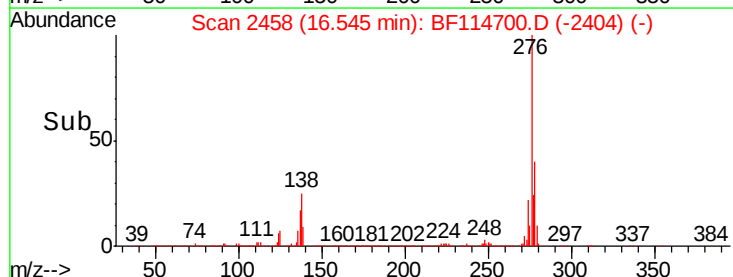
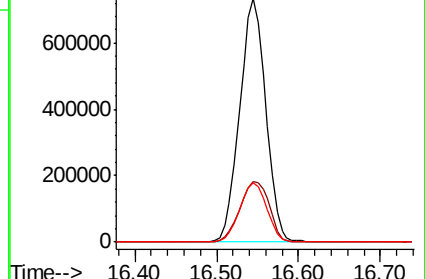
277 25.3 20.5 30.7

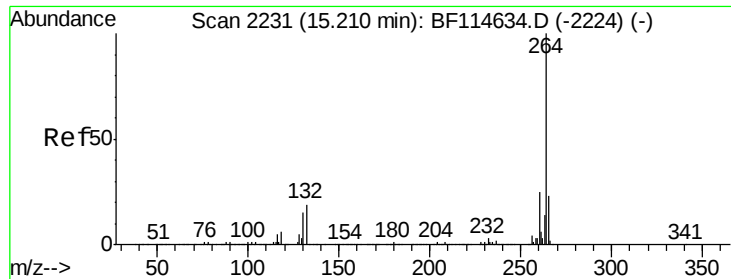


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. 0.02 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

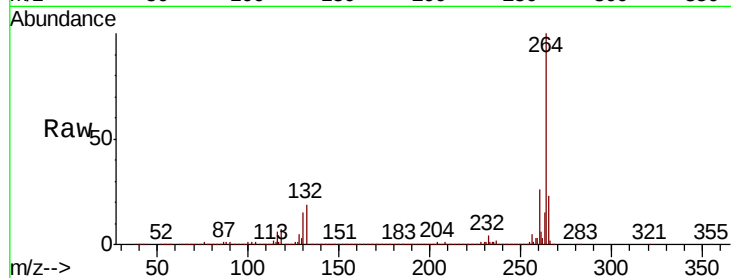
Tgt Ion:264 Resp: 3401028

Ion Ratio Lower Upper

264 100

260 26.5 19.7 29.5

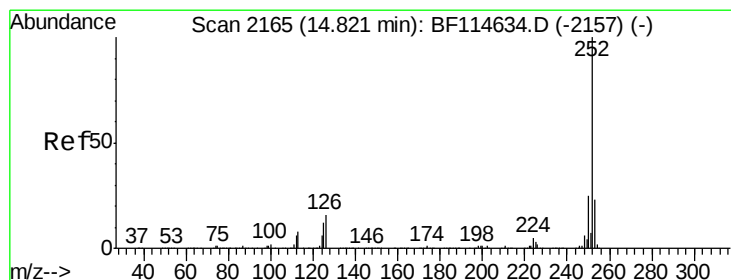
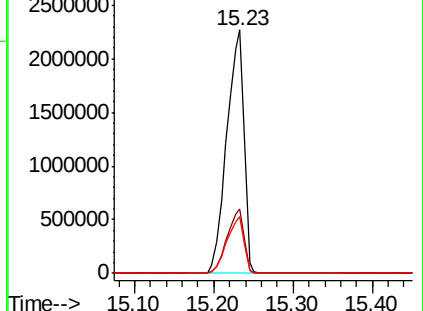
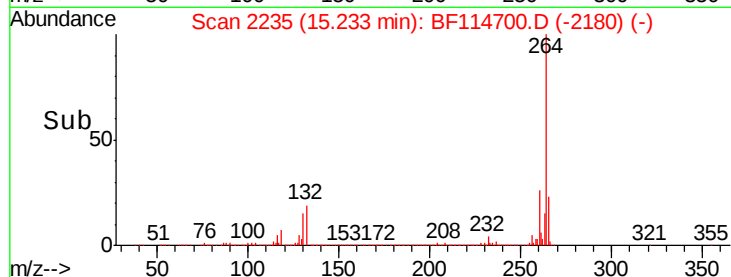
265 23.1 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 7.350 ng

RT: 14.86 min Scan# 2171

Delta R.T. 0.04 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

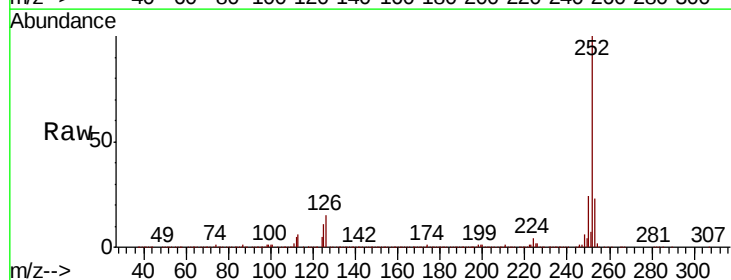
Tgt Ion:252 Resp: 1574442

Ion Ratio Lower Upper

252 100

253 22.6 18.7 28.1

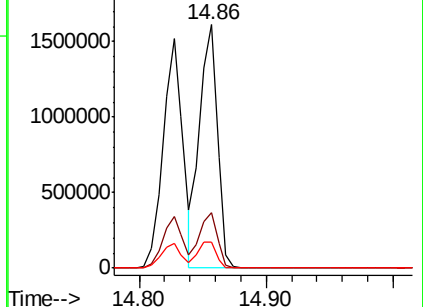
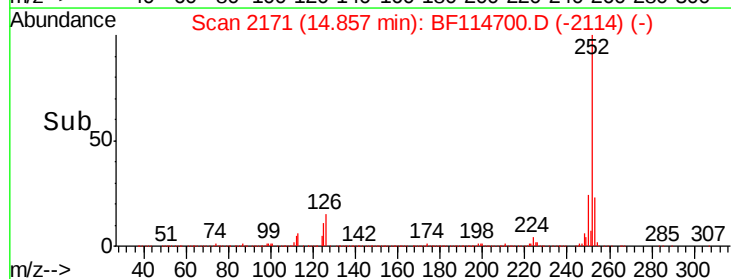
125 10.6 9.4 14.2

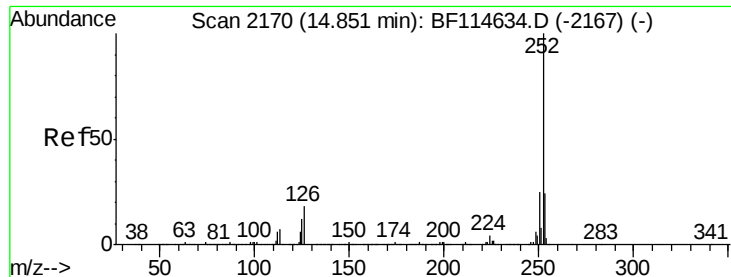


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

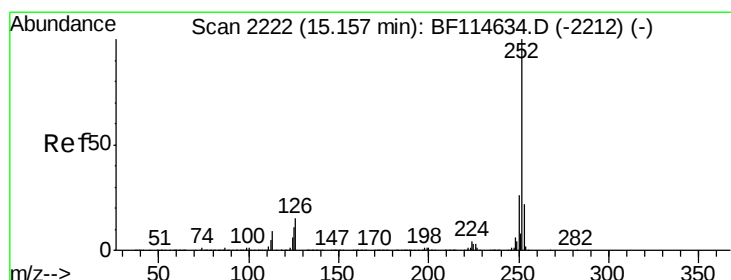
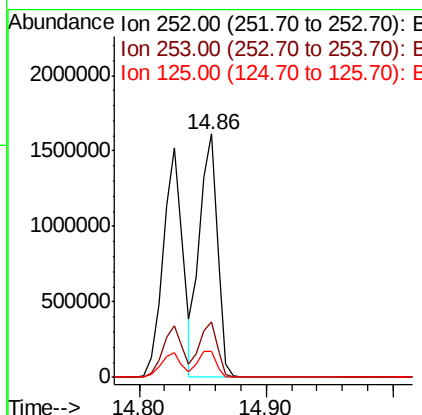
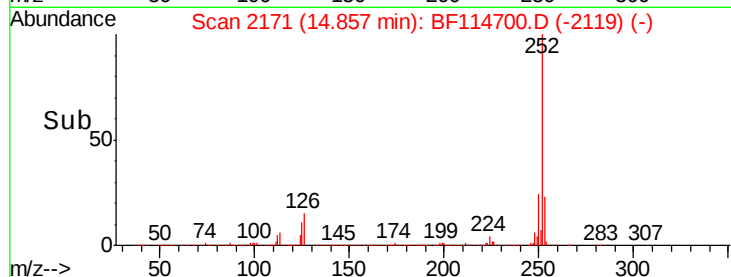
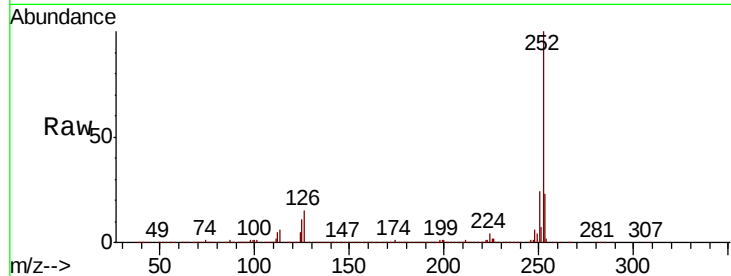




#89
Benzo(k)fluoranthene
Concen: 8.456 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

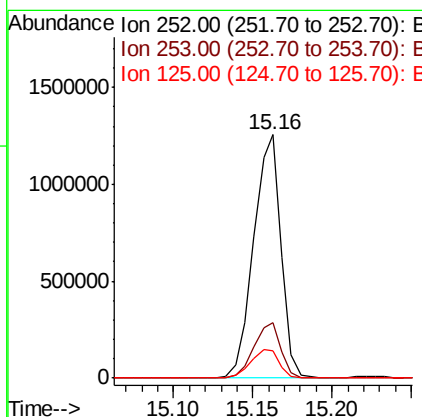
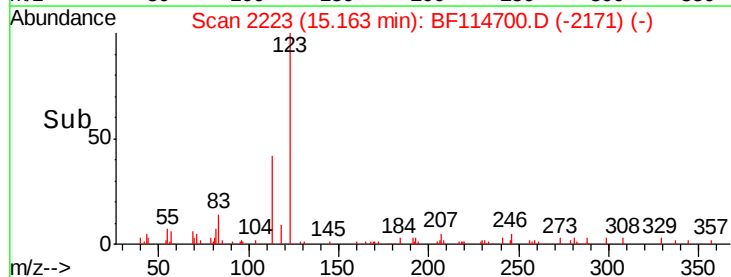
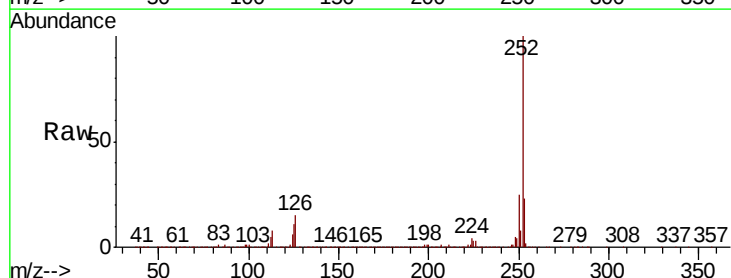
Instrument :
BNA_F
ClientSampleId :
PB120137BS

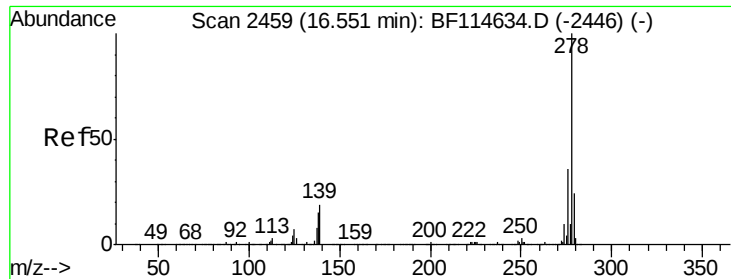
Tgt Ion:252 Resp: 1574442
Ion Ratio Lower Upper
252 100
253 22.6 18.9 28.3
125 10.6 9.5 14.3



#90
Benzo(a)pyrene
Concen: 8.008 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF114700.D
Acq: 31 May 2019 11:34

Tgt Ion:252 Resp: 1507044
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 11.4 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 8.155 ng

RT: 16.56 min Scan# 2461

Delta R.T. 0.01 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

Instrument :

BNA_F

ClientSampleId :

PB120137BS

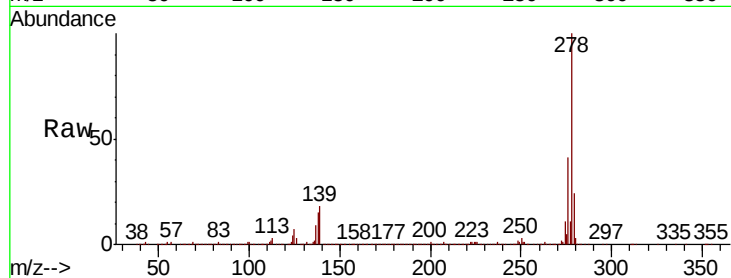
Tgt Ion:278 Resp: 1356075

Ion Ratio Lower Upper

278 100

139 18.1 14.9 22.3

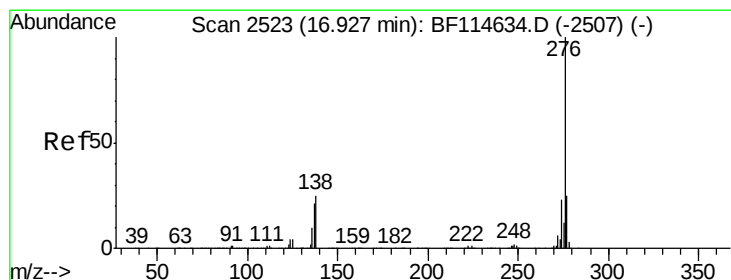
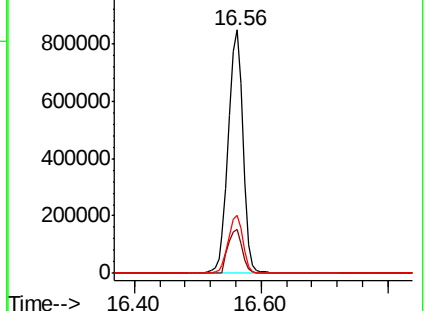
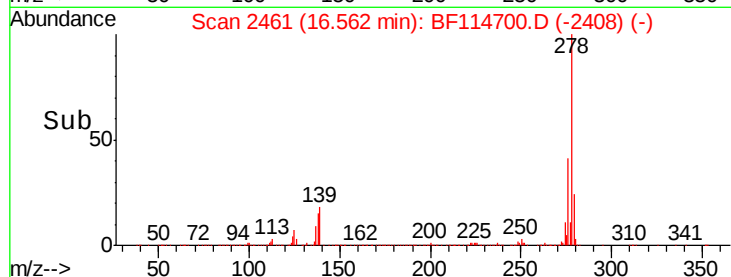
279 24.0 19.5 29.3



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: 8.453 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.02 min

Lab File: BF114700.D

Acq: 31 May 2019 11:34

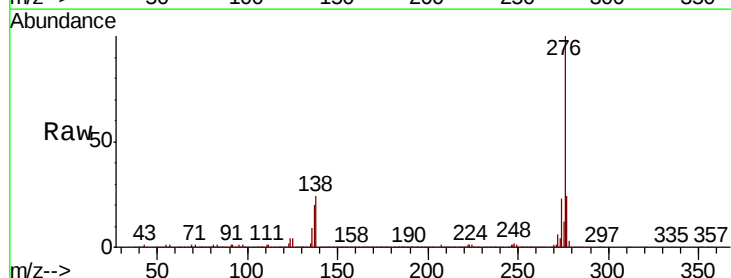
Tgt Ion:276 Resp: 1364283

Ion Ratio Lower Upper

276 100

277 23.8 19.7 29.5

138 24.3 19.8 29.8



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

