

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114656.D
 Acq On : 30 May 2019 13:08
 Operator : HP/JU
 Sample : K2241-01
 Misc : LOD-SOIL-5PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 30 14:24:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 14:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	412684	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1555639	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	786814	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1488563	20.00	ng	0.00
76) Chrysene-d12	13.81	240	1126995	20.00	ng	0.00
87) Perylene-d12	15.20	264	1192429	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	3009285	128.03	ng	0.00
7) Phenol-d6	6.33	99	3575339	126.23	ng	0.00
23) Nitrobenzene-d5	7.26	82	2189545	87.81	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	1064043	141.93	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3751008	79.20	ng	0.00
79) Terphenyl-d14	12.78	244	3993089	66.62	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.37	88	58981	5.229	ng	98
3) Pyridine	3.12	79	145928	4.445	ng	97
4) n-Nitrosodimethylamine	2.98	42	56345	4.241	ng	# 97
6) Aniline	6.36	93	214926	5.023	ng	99
8) 2-Chlorophenol	6.47	128	142828	5.262	ng	91
9) Benzaldehyde	6.23	77	117912	7.296	ng	99
10) Phenol	6.34	94	180252	5.268	ng	92
11) bis(2-Chloroethyl)ether	6.43	93	136599	5.219	ng	95
12) 1,3-Dichlorobenzene	6.63	146	164938	5.333	ng	97
13) 1,4-Dichlorobenzene	6.71	146	167729	5.406	ng	99
14) 1,2-Dichlorobenzene	6.86	146	156248	5.532	ng	97
15) Benzyl Alcohol	6.83	79	147696	6.629	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	196813	4.903	ng	98
17) 2-Methylphenol	6.94	107	115582	5.034	ng	99
18) Hexachloroethane	7.21	117	57076	4.859	ng	96
19) n-Nitroso-di-n-propylamine	7.10	70	99886	5.109	ng	95
20) 3+4-Methylphenols	7.10	107	150230	5.563	ng	92
22) Acetophenone	7.10	105	204484	6.169	ng	99
24) Nitrobenzene	7.27	77	151734	5.729	ng	98
25) Isophorone	7.51	82	270441	5.404	ng	98
26) 2-Nitrophenol	7.59	139	61751	4.790	ng	99
27) 2,4-Dimethylphenol	7.63	122	128854	6.009	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	170353	5.348	ng	98
29) 2,4-Dichlorophenol	7.82	162	119094	5.457	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	140078	5.633	ng	99
31) Naphthalene	7.99	128	444260	6.200	ng	96
32) Benzoic acid	7.68	122	48707	3.497	ng	95
33) 4-Chloroaniline	8.04	127	181535	5.318	ng	97
34) Hexachlorobutadiene	8.12	225	74749	5.411	ng	98
35) Caprolactam	8.36	113	35684	4.845	ng	96
36) 4-Chloro-3-methylphenol	8.52	107	119697	5.469	ng	99
37) 2-Methylnaphthalene	8.68	142	304622	6.398	ng	98
38) 1-Methylnaphthalene	8.78	142	287167	6.366	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	131779	6.289	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114656.D
 Acq On : 30 May 2019 13:08
 Operator : HP/JU
 Sample : K2241-01
 Misc : LOD-SOIL-5PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 30 14:24:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 14:17:39 2019
 Response via : Initial Calibration

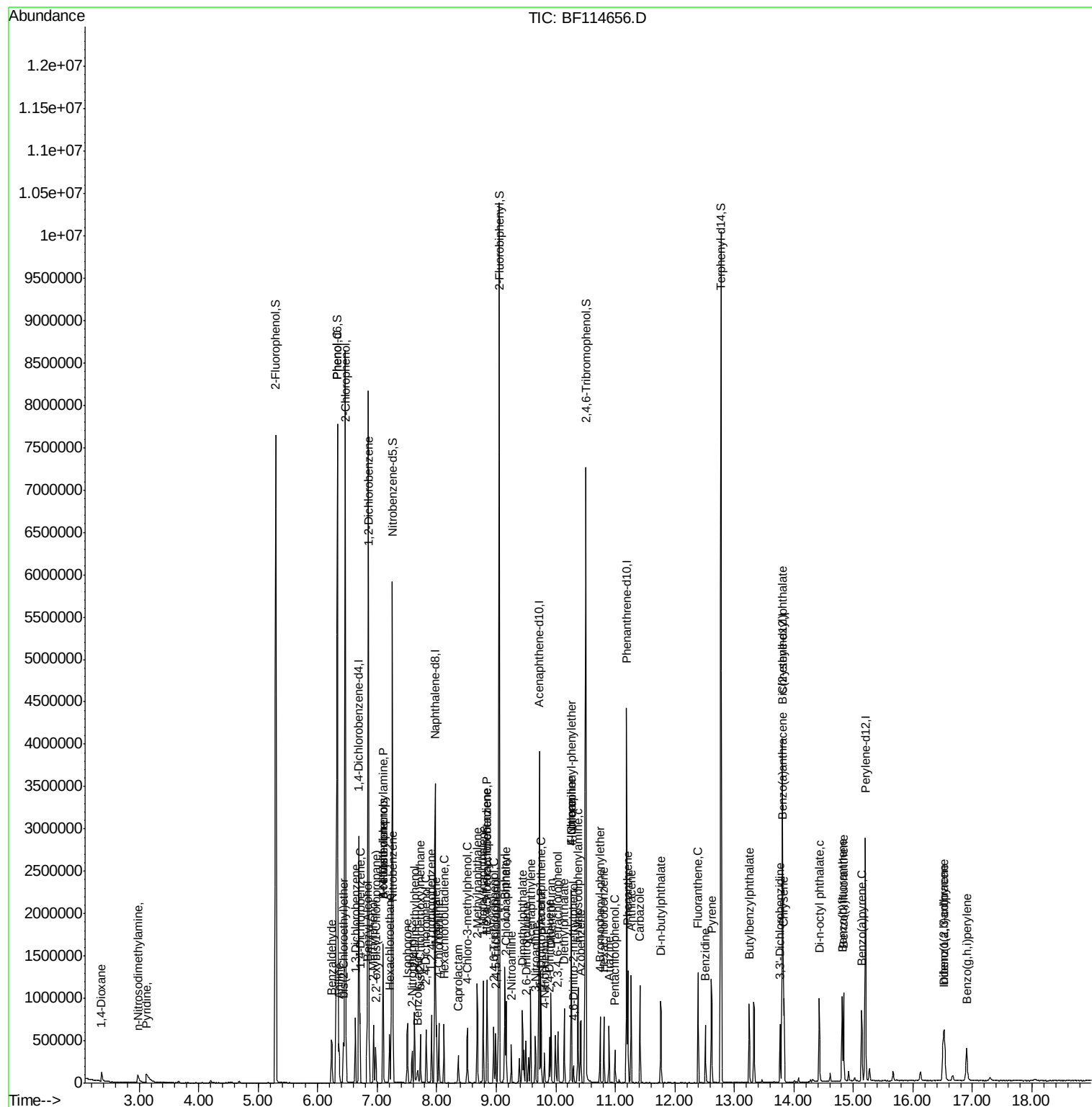
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	79235	5.722	ng	98
43) 2,4,6-Trichlorophenol	8.96	196	84960	5.153	ng	99
44) 2,4,5-Trichlorophenol	8.99	196	89637	5.448	ng	99
46) 1,1'-Biphenyl	9.15	154	372588	6.379	ng	96
47) 2-Chloronaphthalene	9.17	162	282259	5.891	ng	94
48) 2-Nitroaniline	9.25	65	67631	4.574	ng	91
49) Acenaphthylene	9.57	152	451089	6.095	ng	97
50) Dimethylphthalate	9.44	163	318399	5.807	ng	98
51) 2,6-Dinitrotoluene	9.50	165	64025	5.026	ng	99
52) Acenaphthene	9.75	154	268684	5.919	ng	99
53) 3-Nitroaniline	9.66	138	74128	4.754	ng	93
54) 2,4-Dinitrophenol	9.76	184	13849	2.756	ng	# 42
55) Dibenzofuran	9.92	168	399945	6.190	ng	95
56) 4-Nitrophenol	9.81	139	51851	4.487	ng	92
57) 2,4-Dinitrotoluene	9.89	165	79460	4.860	ng	97
58) Fluorene	10.26	166	306417	7.023	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.03	232	72926	5.415	ng	99
60) Diethylphthalate	10.15	149	316500	5.652	ng	98
61) 4-Chlorophenyl-phenylether	10.26	204	147113	6.740	ng	99
62) 4-Nitroaniline	10.26	138	71893	4.732	ng	98
63) Azobenzene	10.42	77	296363	5.765	ng	96
65) 4,6-Dinitro-2-methylphenol	10.30	198	23949	3.628	ng	95
66) n-Nitrosodiphenylamine	10.37	169	265562	6.038	ng	99
67) 4-Bromophenyl-phenylether	10.74	248	88277	5.530	ng	98
68) Hexachlorobenzene	10.81	284	97396	5.633	ng	95
69) Atrazine	10.90	200	76406	5.514	ng	98
70) Pentachlorophenol	11.00	266	45402	4.555	ng	97
71) Phenanthrene	11.22	178	461369	6.076	ng	96
72) Anthracene	11.26	178	466423	6.069	ng	97
73) Carbazole	11.42	167	405267	6.000	ng	97
74) Di-n-butylphthalate	11.76	149	483766	5.895	ng	97
75) Fluoranthene	12.39	202	462194	5.878	ng	95
77) Benzidine	12.52	184	237783	5.124	ng	97
78) Pyrene	12.62	202	468548	4.915	ng	97
80) Butylbenzylphthalate	13.25	149	187848	3.921	ng	98
81) Benzo(a)anthracene	13.80	228	426114	4.920	ng	97
82) 3,3'-Dichlorobenzidine	13.77	252	151398	4.527	ng	98
83) Chrysene	13.83	228	405268	4.898	ng	96
84) Bis(2-ethylhexyl)phthalate	13.82	149	268164	4.527	ng	98
85) Di-n-octyl phthalate	14.43	149	446956	4.343	ng	98
86) Indeno(1,2,3-cd)pyrene	16.51	276	374317	4.517	ng	99
88) Benzo(b)fluoranthene	14.81	252	396279	5.276	ng	97
89) Benzo(k)fluoranthene	14.83	252	390905	5.988	ng	97
90) Benzo(a)pyrene	15.14	252	367593	5.571	ng	99
91) Dibenzo(a,h)anthracene	16.53	278	317594	5.447	ng	99
92) Benzo(g,h,i)perylene	16.90	276	299748	5.297	ng	98

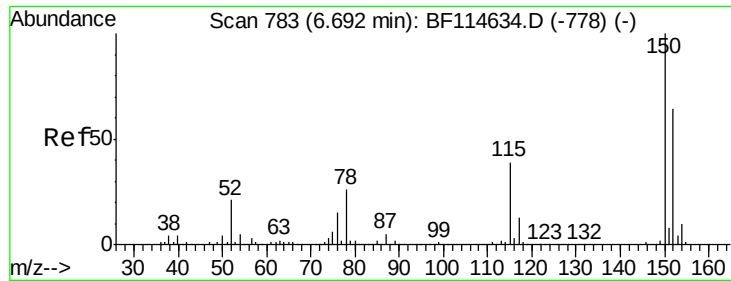
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114656.D
Acq On : 30 May 2019 13:08
Operator : HP/JU
Sample : K2241-01
Misc : LOD-SOIL-5PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 30 14:24:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 14:17:39 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampleId :

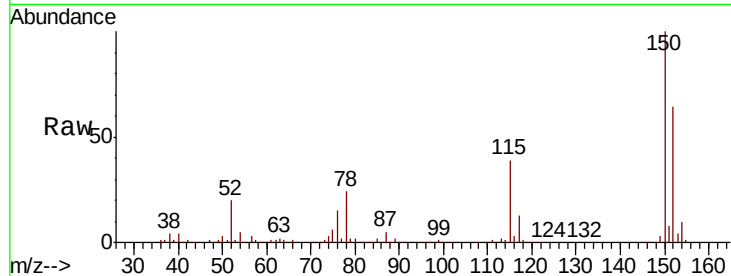
Tot Ion:152 Resp: 412684

Ion Ratio Lower Upper

152 100

150 155.4 124.4 186.6

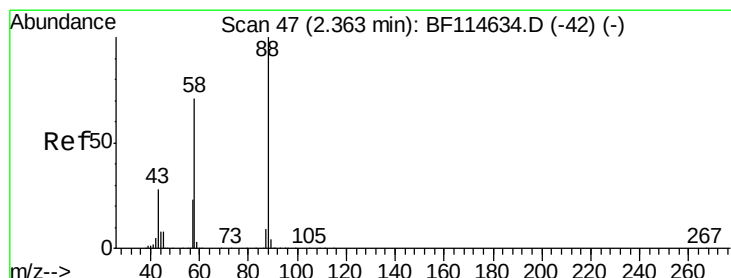
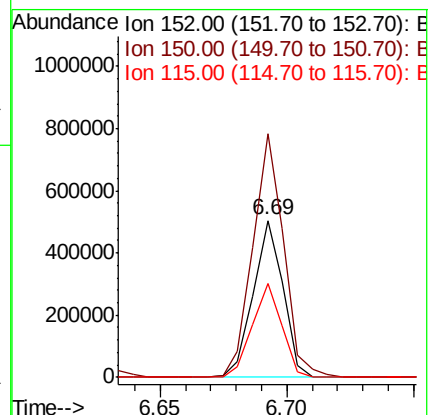
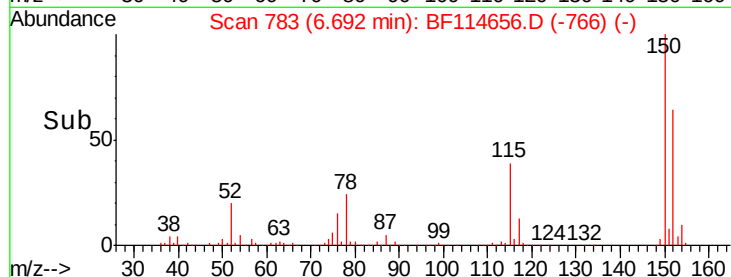
115 60.2 48.7 73.1



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: 5.229 ng

RT: 2.37 min Scan# 48

Delta R.T. 0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

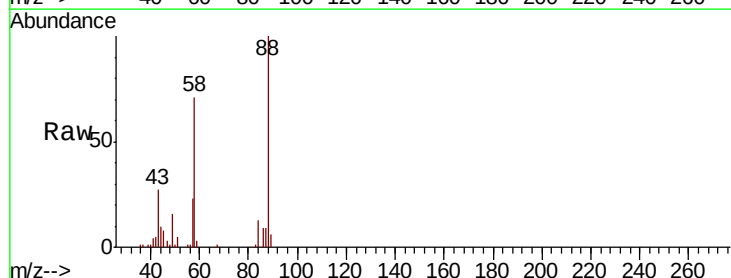
Tgt Ion: 88 Resp: 58981

Ion Ratio Lower Upper

88 100

58 69.9 57.2 85.8

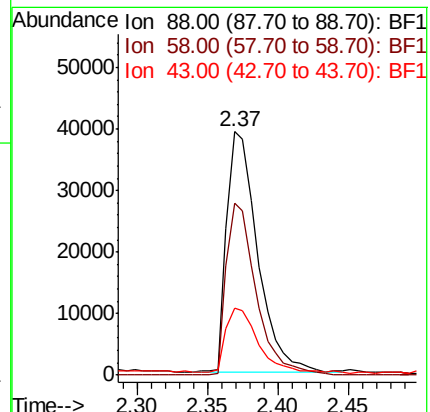
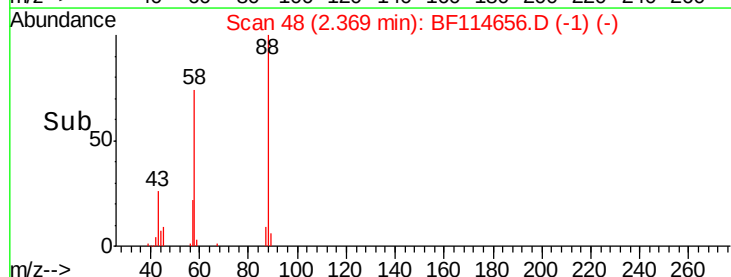
43 28.6 22.6 33.8

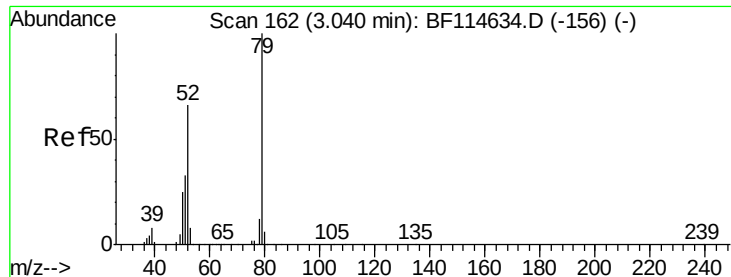


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 4.445 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.08 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampleId :

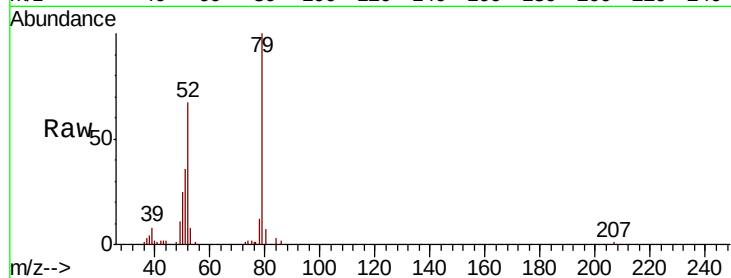
Tot Ion: 79 Resp: 145928

Ion Ratio Lower Upper

79 100

52 66.6 52.8 79.2

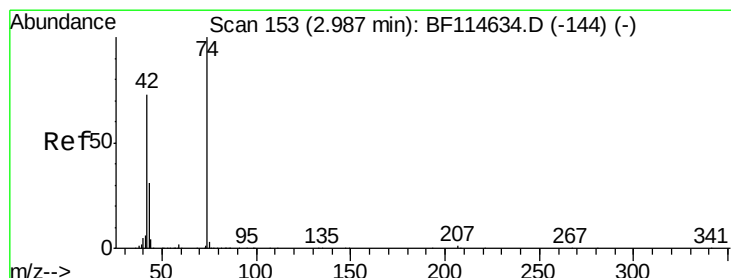
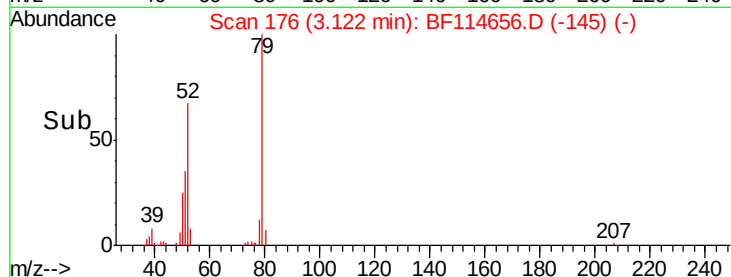
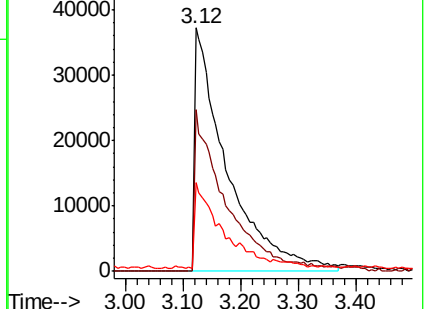
51 36.5 26.3 39.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 4.241 ng

RT: 2.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

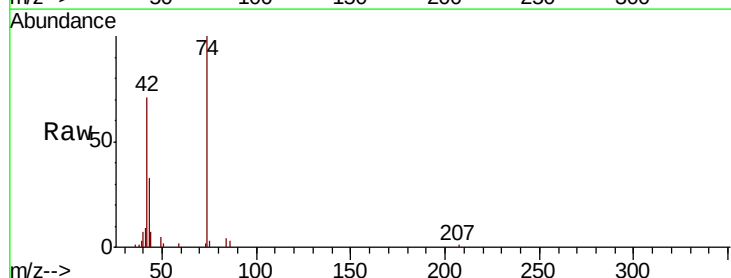
Tgt Ion: 42 Resp: 56345

Ion Ratio Lower Upper

42 100

74 141.3 110.0 165.0

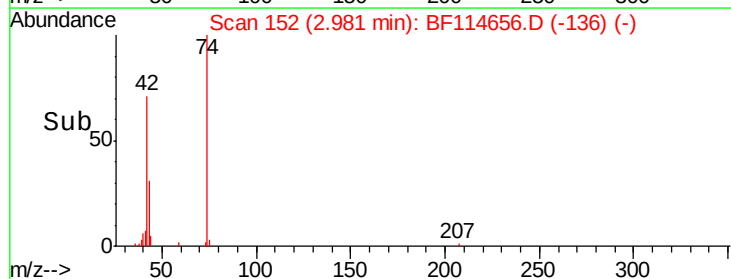
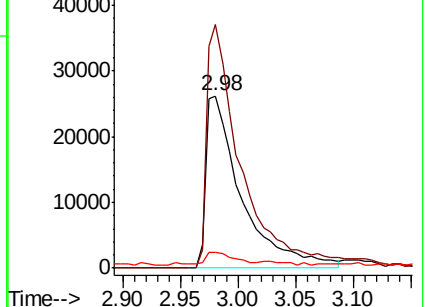
44 9.5 5.6 8.4#

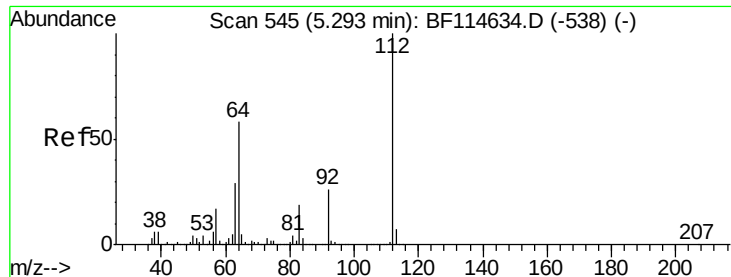


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 128.026 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampled :

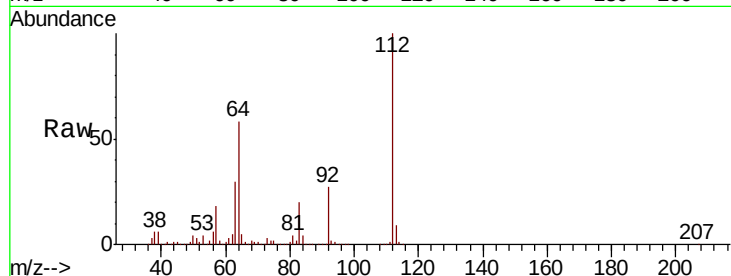
Tot Ion:112 Resp: 3009285

Ion Ratio Lower Upper

112 100

64 57.8 46.1 69.1

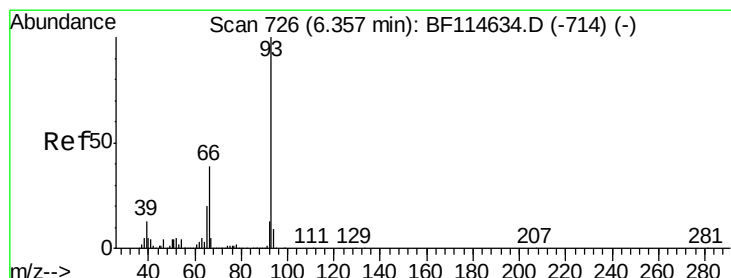
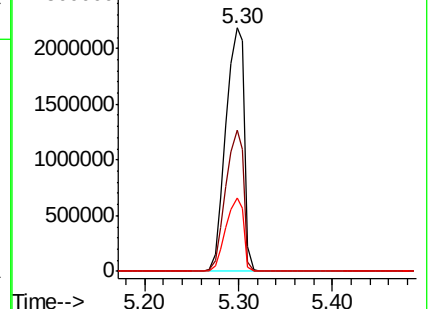
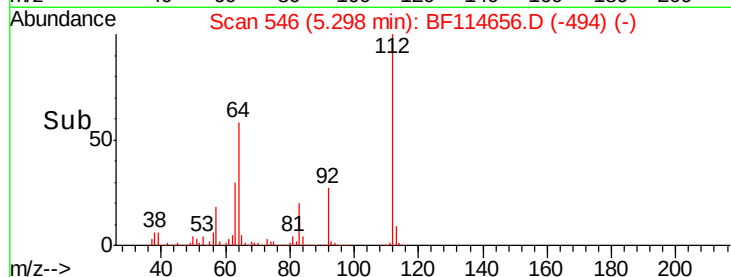
63 30.1 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 5.023 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

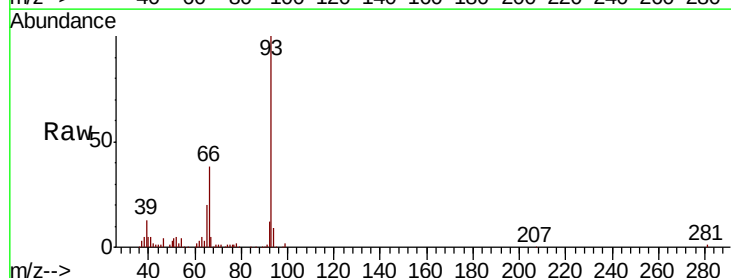
Tgt Ion: 93 Resp: 214926

Ion Ratio Lower Upper

93 100

66 38.5 31.4 47.2

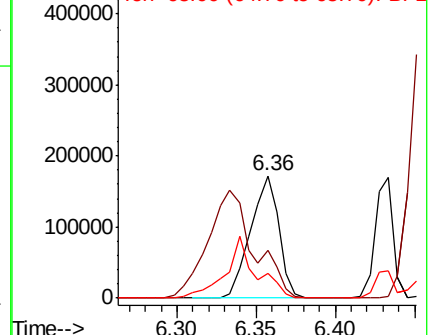
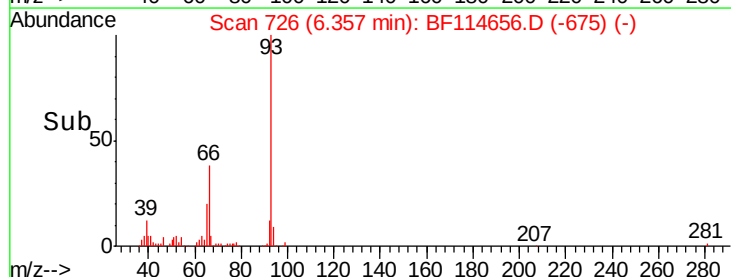
65 20.1 16.2 24.2

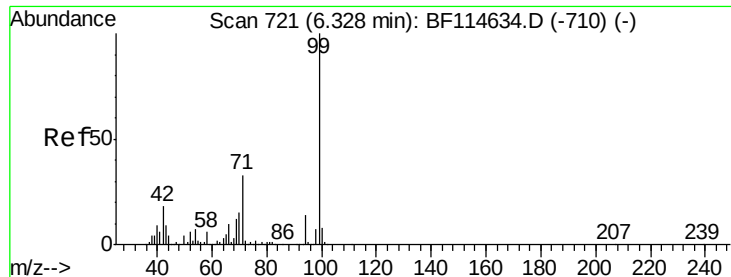


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.227 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampleId :

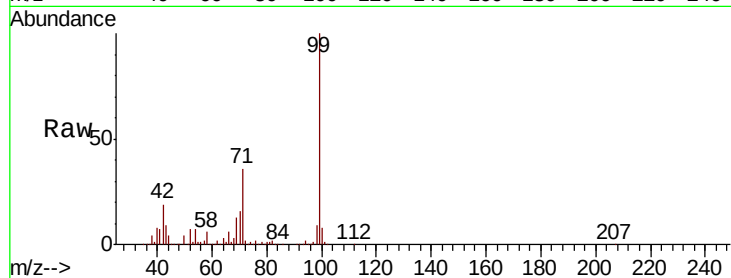
Tot Ion: 99 Resp: 3575339

Ion Ratio Lower Upper

99 100

42 18.6 14.7 22.1

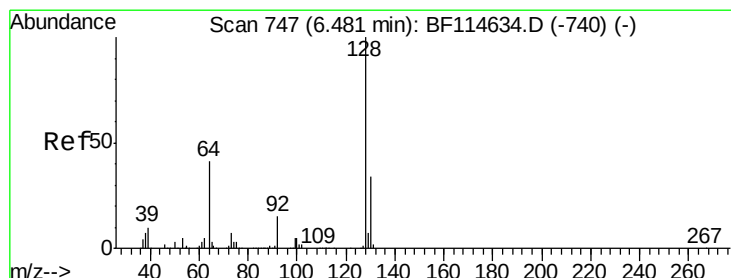
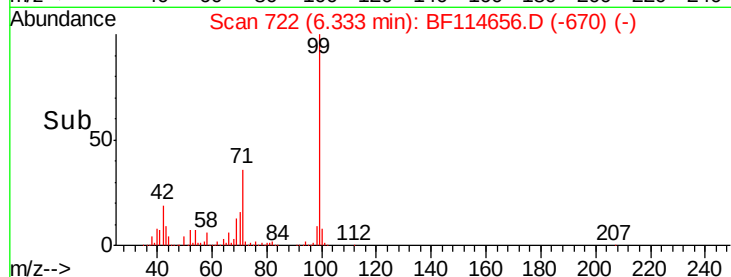
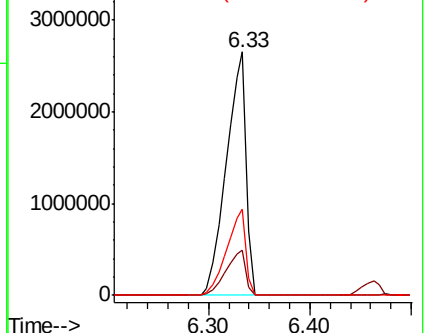
71 35.6 26.6 40.0



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: 5.262 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

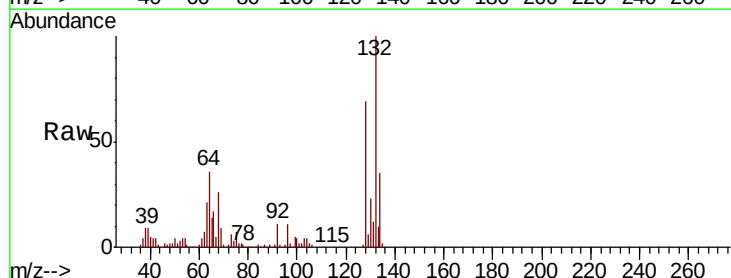
Tgt Ion: 128 Resp: 142828

Ion Ratio Lower Upper

128 100

130 32.7 13.9 53.9

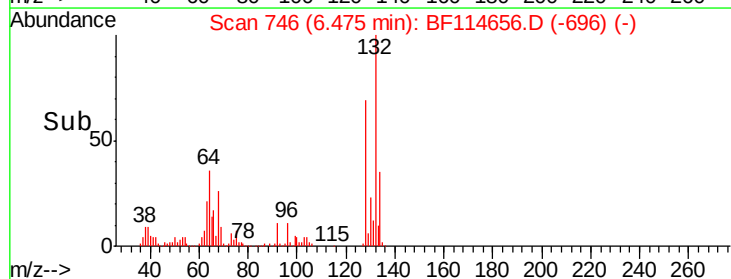
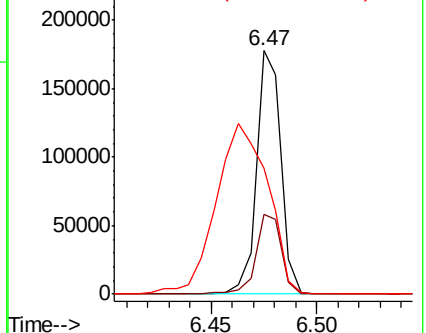
64 51.5 22.0 62.0

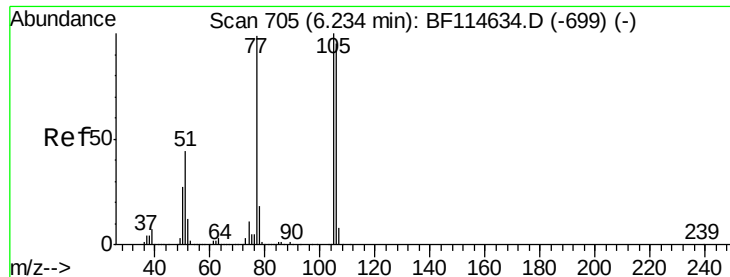


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 7.296 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampled :

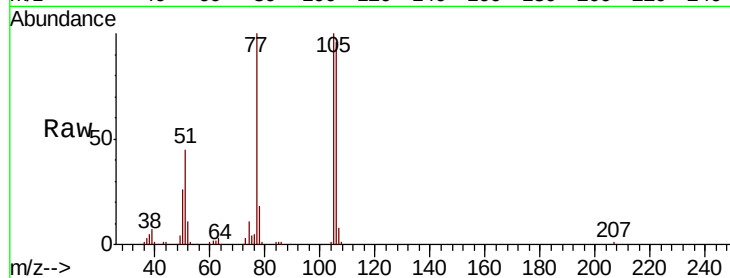
Tot Ion: 77 Resp: 117912

Ion Ratio Lower Upper

77 100

105 99.5 80.8 120.8

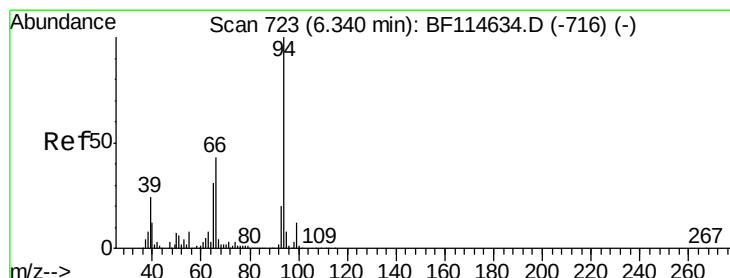
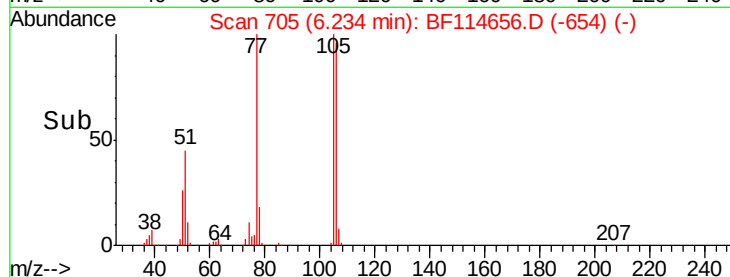
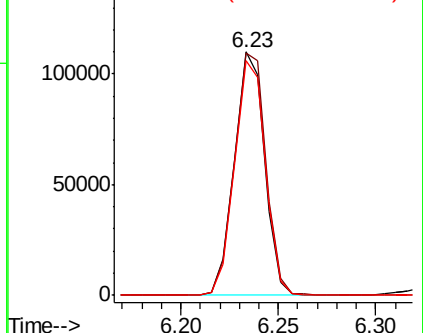
106 96.3 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 5.268 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

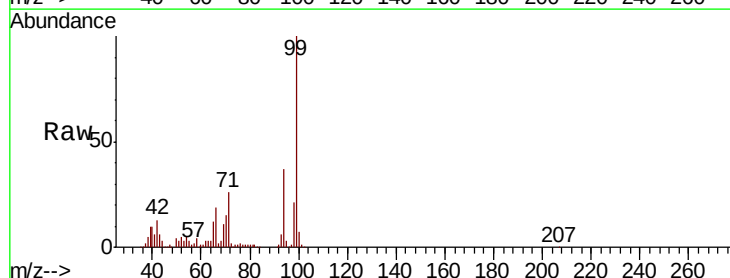
Tgt Ion: 94 Resp: 180252

Ion Ratio Lower Upper

94 100

65 32.7 11.0 51.0

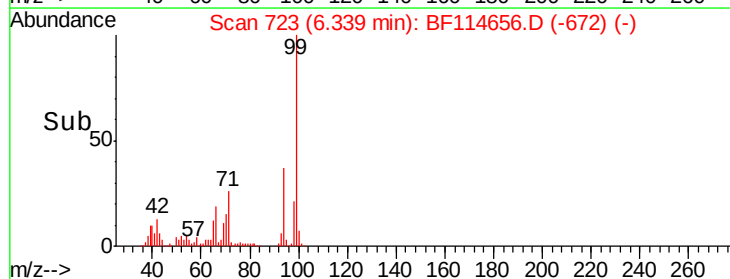
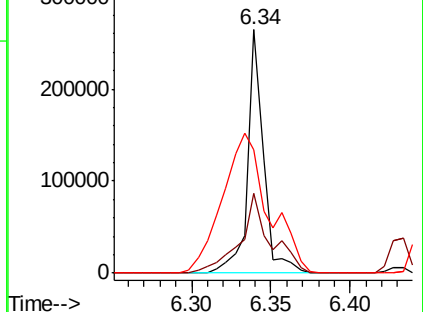
66 50.5 23.0 63.0

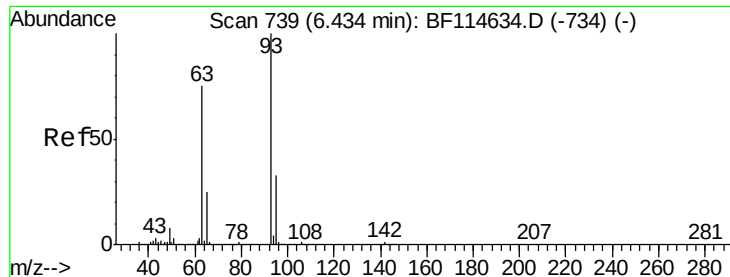


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 5.219 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampleId :

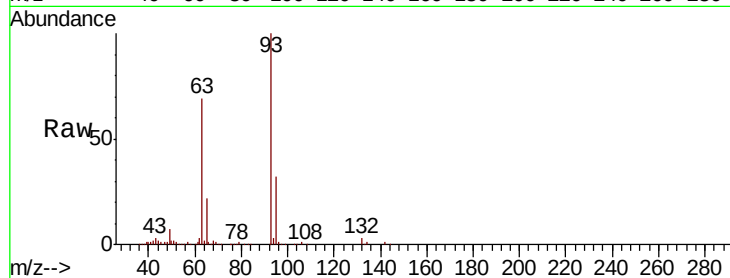
Tot Ion: 93 Resp: 136599

Ion Ratio Lower Upper

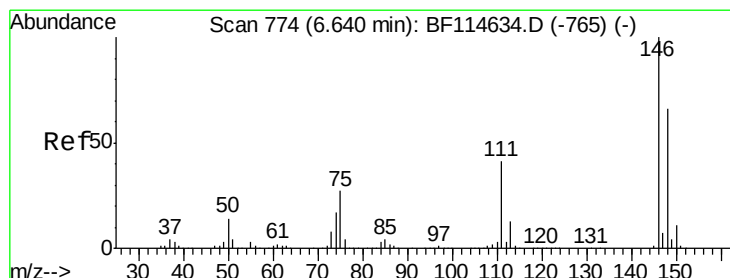
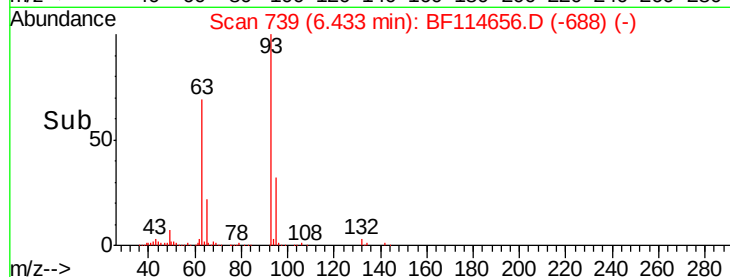
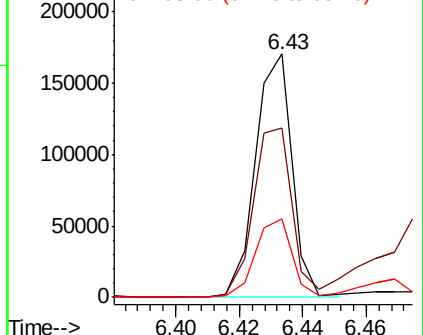
93 100

63 69.4 55.0 95.0

95 32.4 13.5 53.5



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



#12

1,3-Dichlorobenzene

Concen: 5.333 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

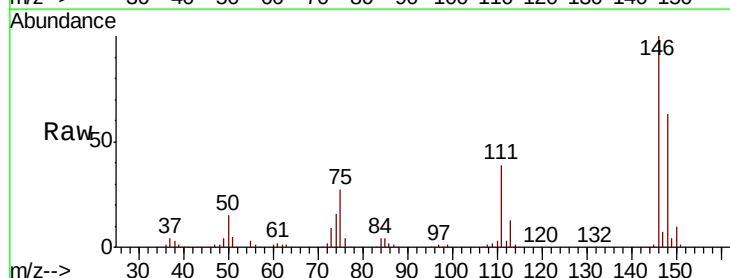
Tgt Ion: 146 Resp: 164938

Ion Ratio Lower Upper

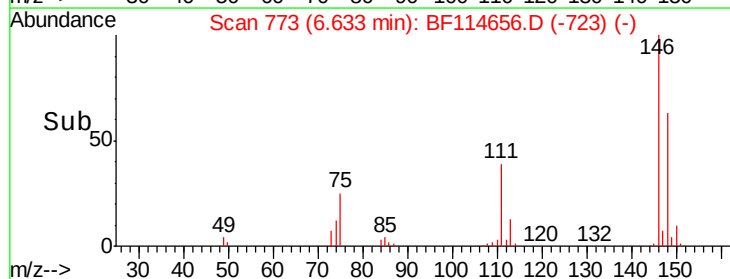
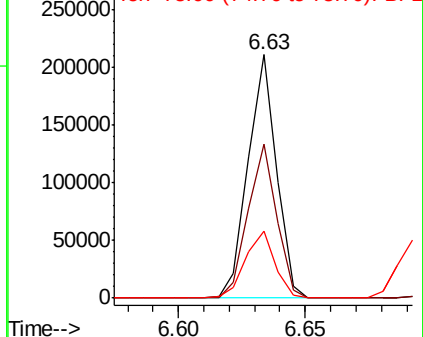
146 100

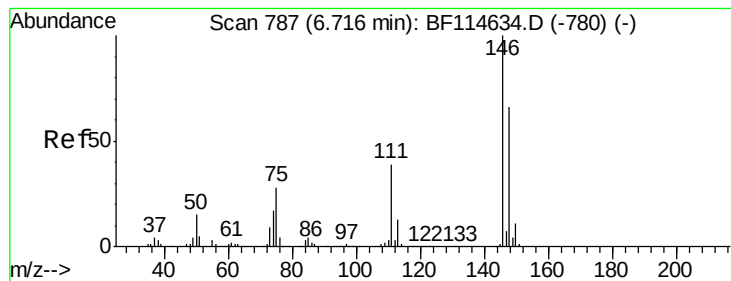
148 63.3 52.9 79.3

75 27.4 22.0 33.0



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





#13

1,4-Dichlorobenzene

Concen: 5.406 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampled :

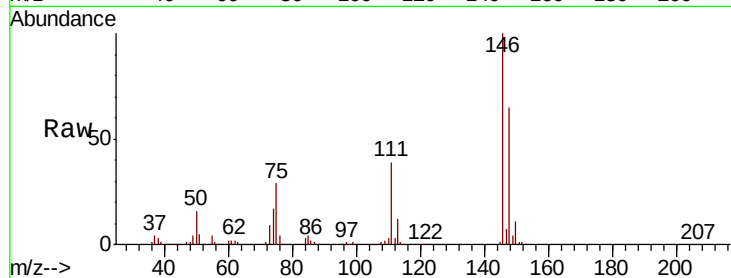
Tot Ion:146 Resp: 167729

Ion Ratio Lower Upper

146 100

148 64.8 52.5 78.7

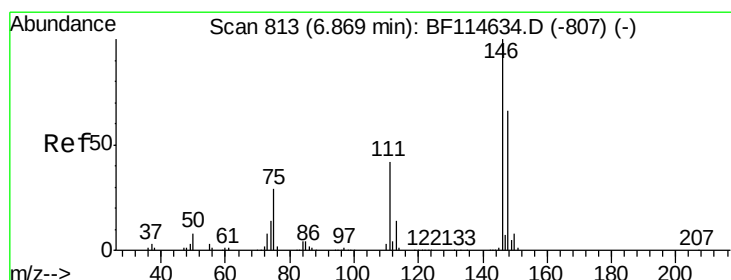
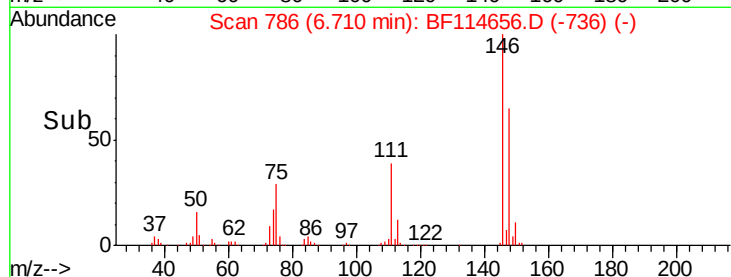
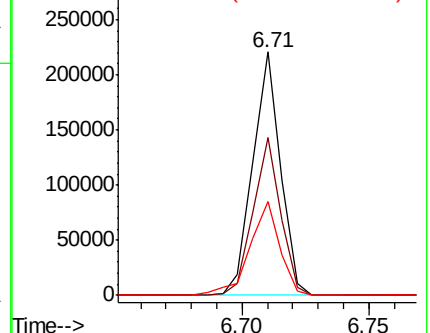
111 38.6 31.4 47.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 5.532 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

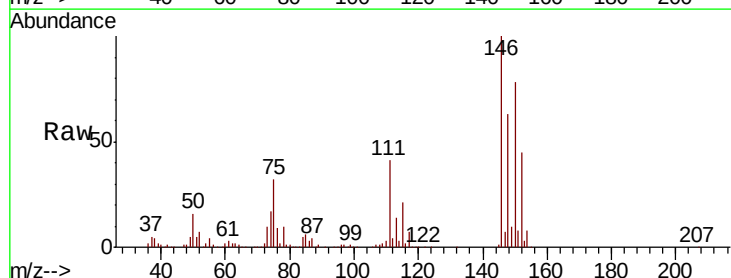
Tgt Ion:146 Resp: 156248

Ion Ratio Lower Upper

146 100

148 63.2 52.6 79.0

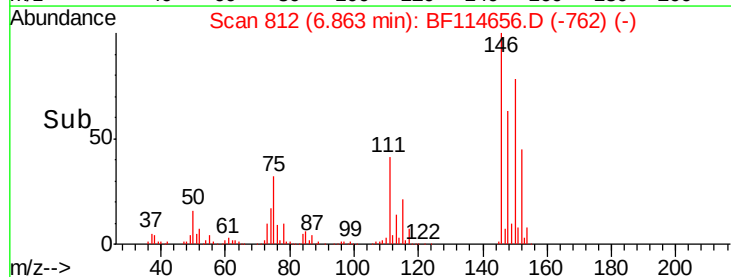
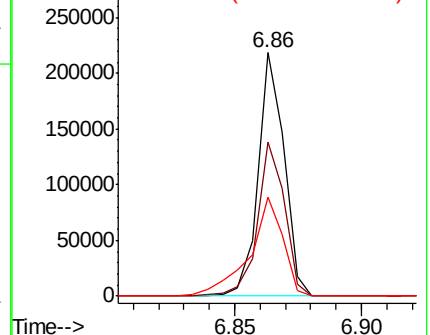
111 40.8 34.1 51.1

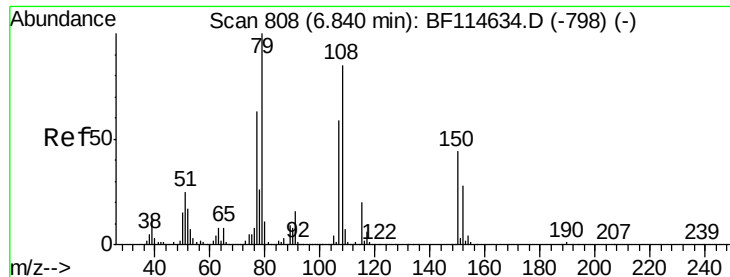


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 6.629 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampleId :

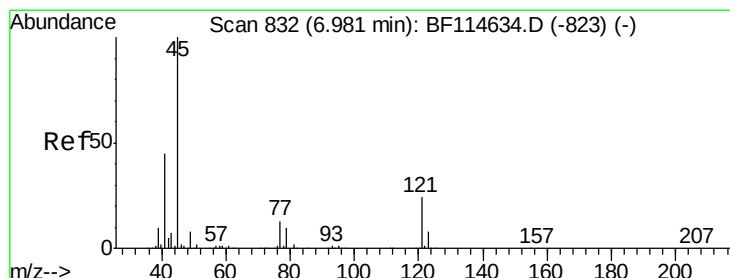
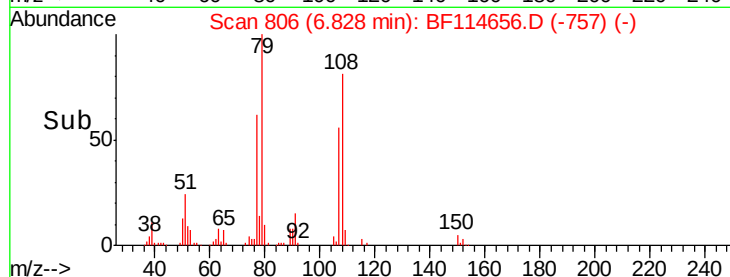
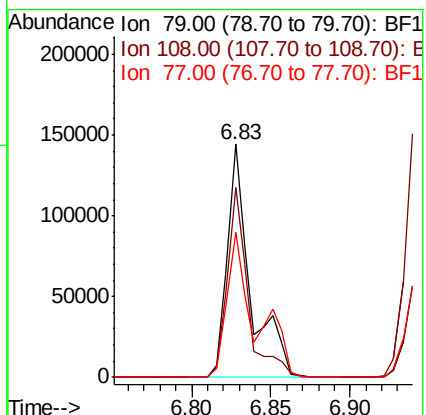
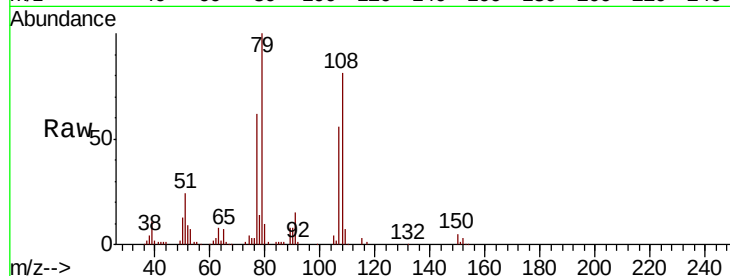
Tot Ion: 79 Resp: 147696

Ion Ratio Lower Upper

79 100

108 81.4 67.8 101.8

77 62.0 50.7 76.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 4.903 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

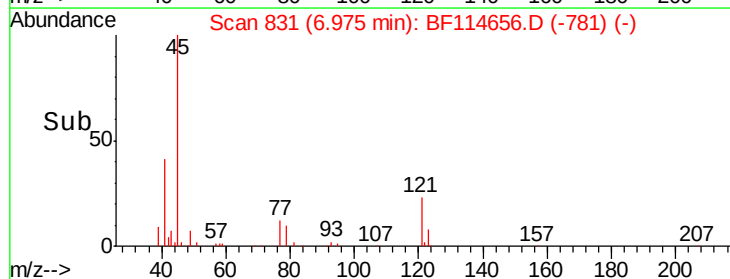
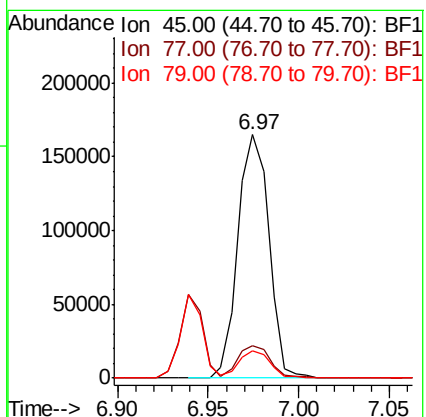
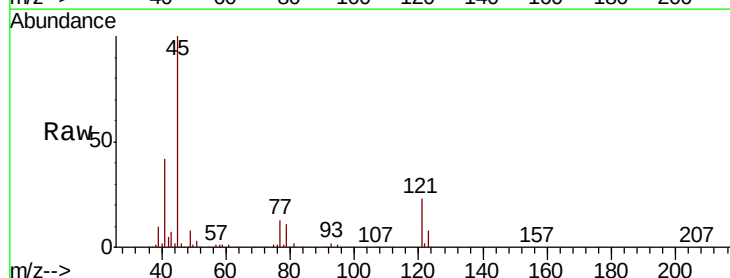
Tgt Ion: 45 Resp: 196813

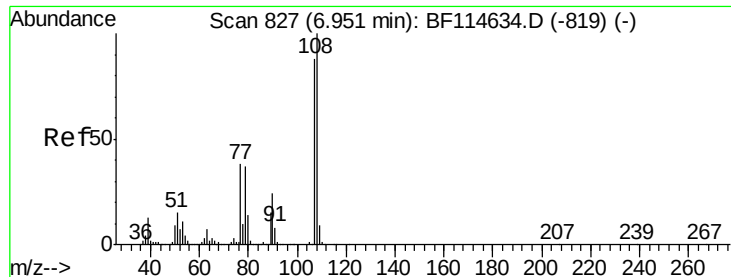
Ion Ratio Lower Upper

45 100

77 13.5 0.0 34.7

79 11.2 0.0 31.3





#17

2-Methylphenol

Concen: 5.034 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 115582

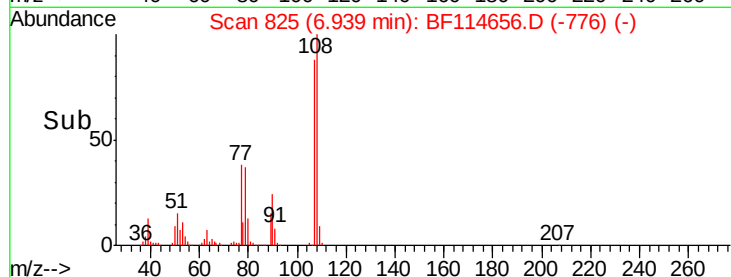
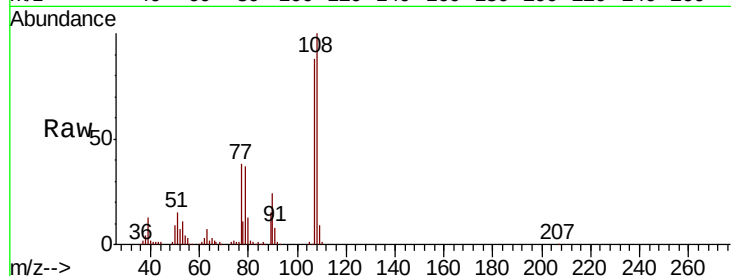
Ion Ratio Lower Upper

107 100

108 113.3 91.1 136.7

77 42.7 34.9 52.3

79 42.4 33.8 50.6

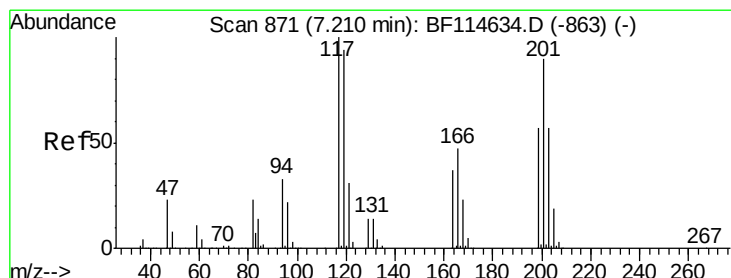
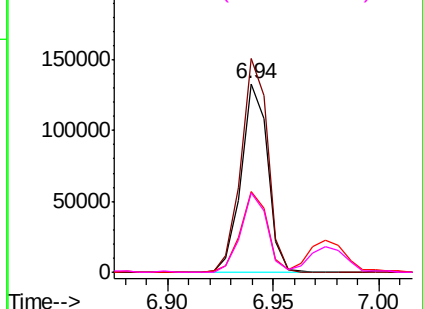


Abundance Ion 107.00 (106.70 to 107.70): E

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: 4.859 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

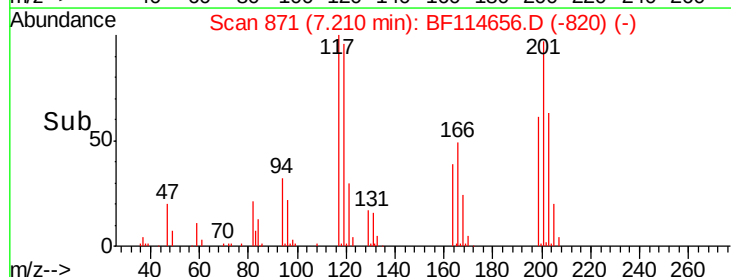
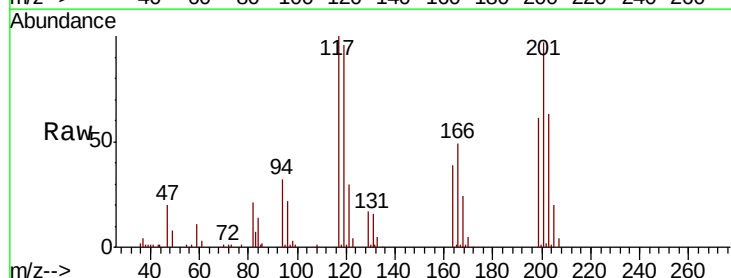
Tgt Ion:117 Resp: 57076

Ion Ratio Lower Upper

117 100

119 95.8 75.6 113.4

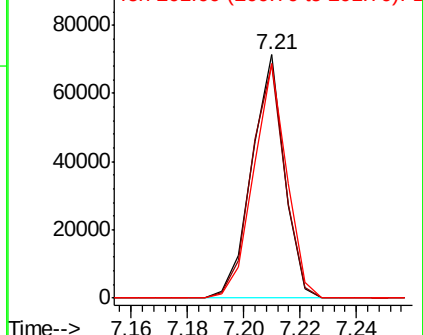
201 96.6 71.7 107.5

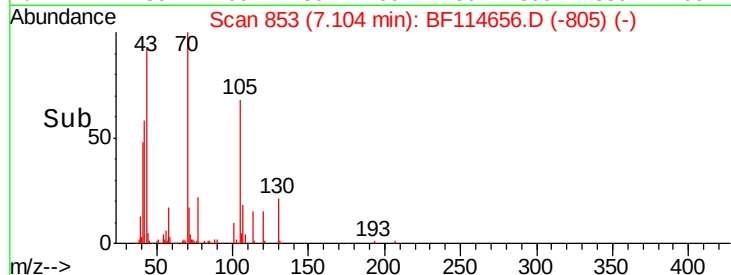
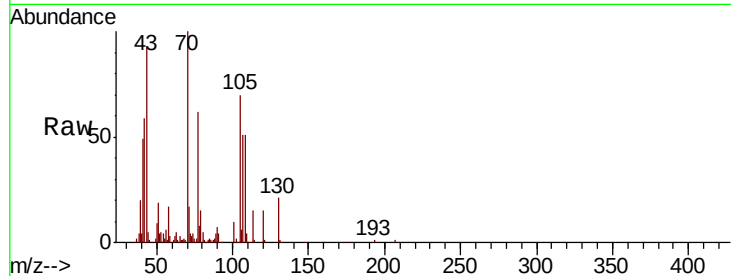
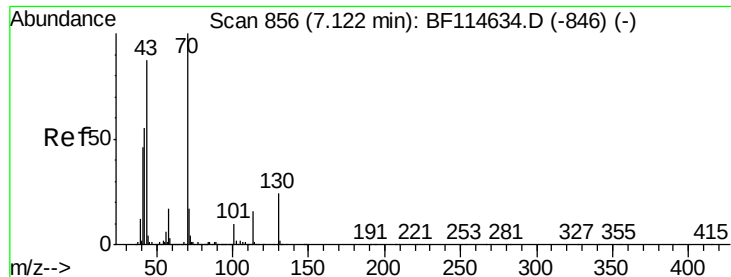


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

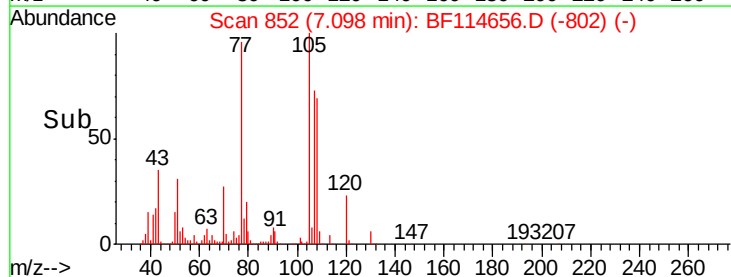
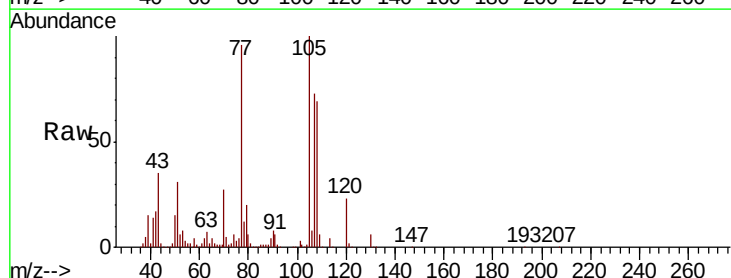
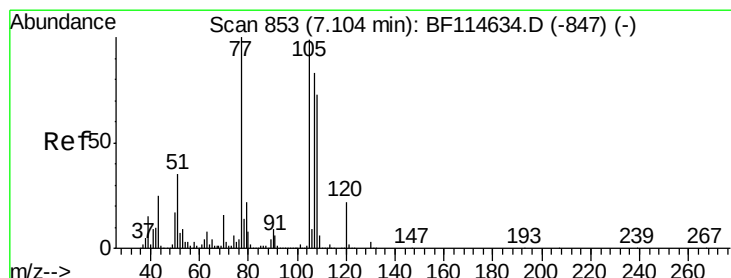
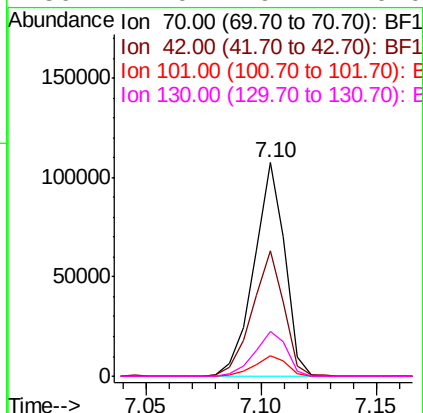




#19
n-Nitroso-di-n-propylamine
Concen: 5.109 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

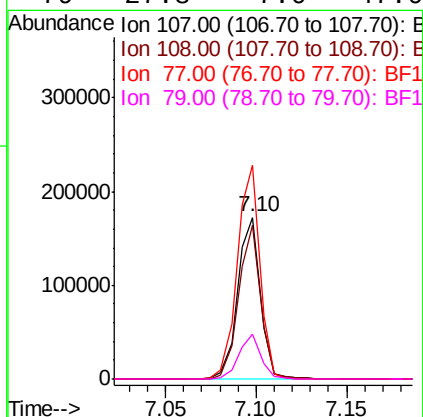
Instrument :
BNA_F
ClientSampleId :

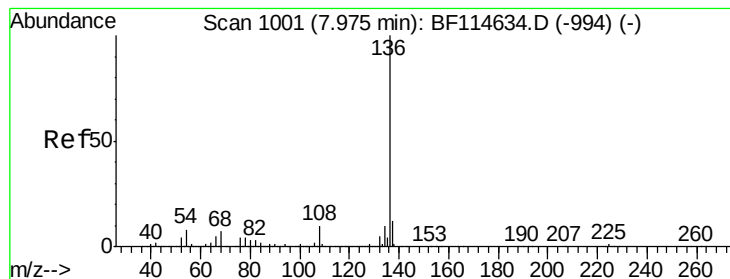
Tot Ion:	70	Resp:	99886
Ion	Ratio	Lower	Upper
70	100		
42	58.7	44.4	66.6
101	9.8	8.2	12.4
130	21.0	19.4	29.0



#20
3+4-Methylphenols
Concen: 5.563 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Tgt Ion:	107	Resp:	150230
Ion	Ratio	Lower	Upper
107	100		
108	94.8	68.6	108.6
77	131.9	100.5	140.5
79	27.8	7.0	47.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1555639

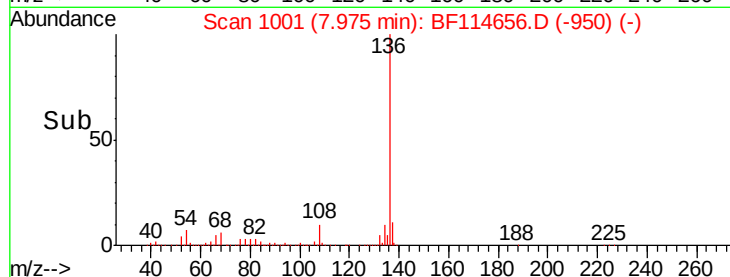
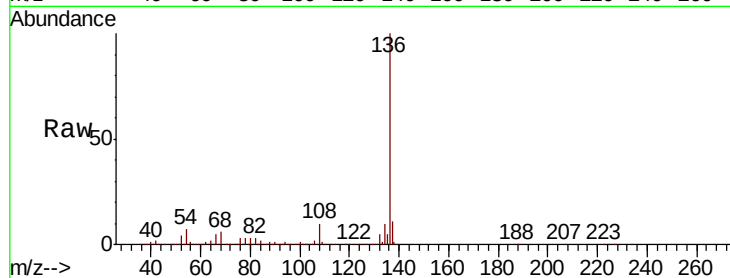
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 6.8 6.3 9.5

68 5.8 5.4 8.0



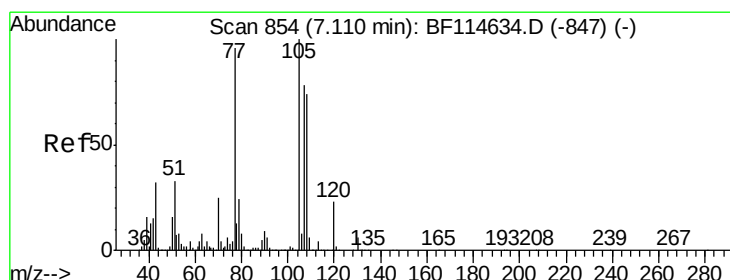
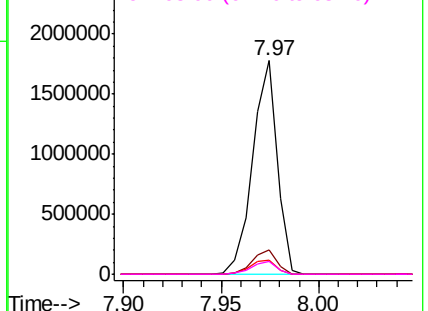
Abundance

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: 6.169 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Tgt Ion:105 Resp: 204484

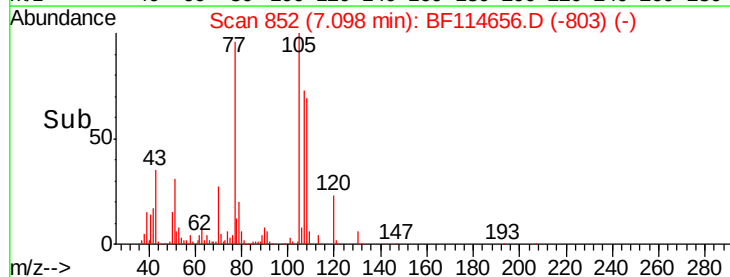
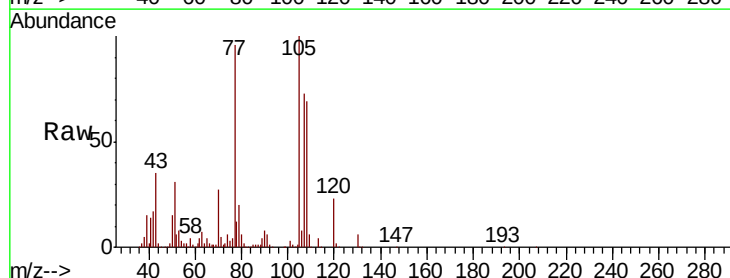
Ion Ratio Lower Upper

105 100

71 4.6 3.6 5.4

51 31.3 26.0 39.0

120 23.4 18.8 28.2



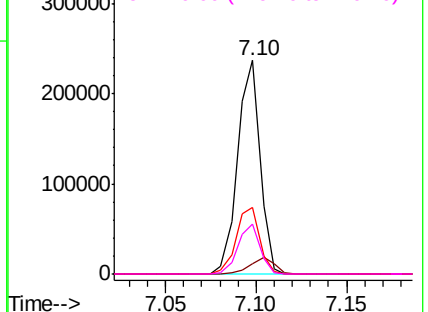
Abundance

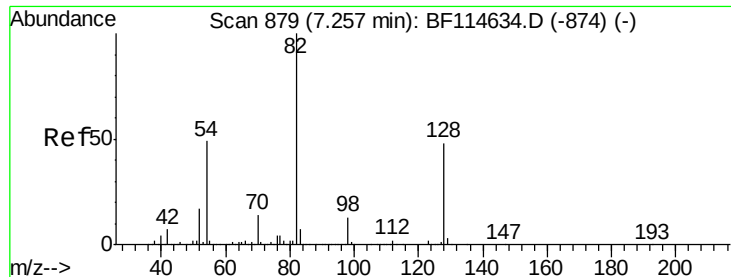
Ion 105.00 (104.70 to 105.70): E

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

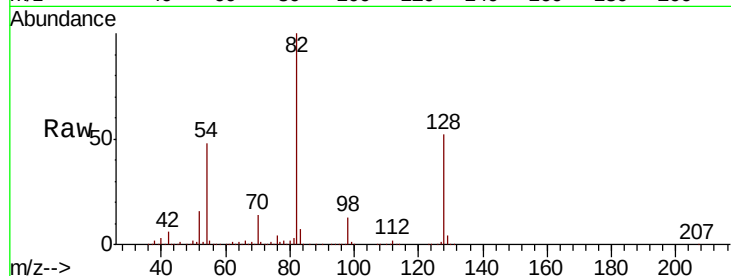




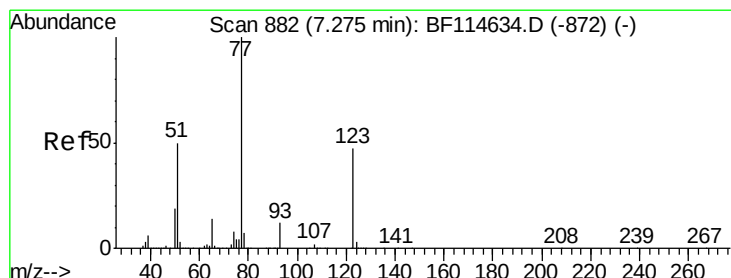
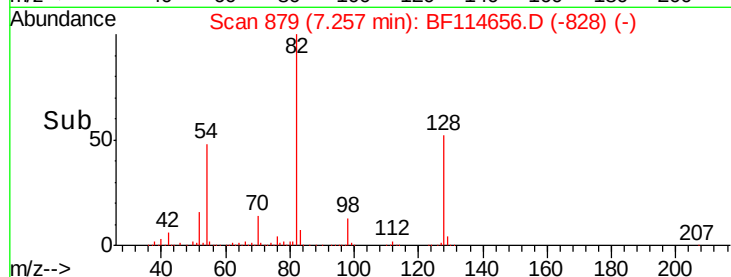
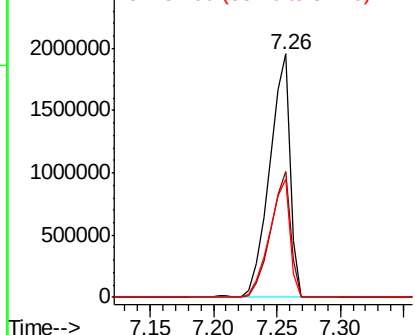
#23
Nitrobenzene-d5
Concen: 87.812 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 2189545
Ion Ratio Lower Upper
82 100
128 51.8 38.5 57.7
54 48.5 39.1 58.7

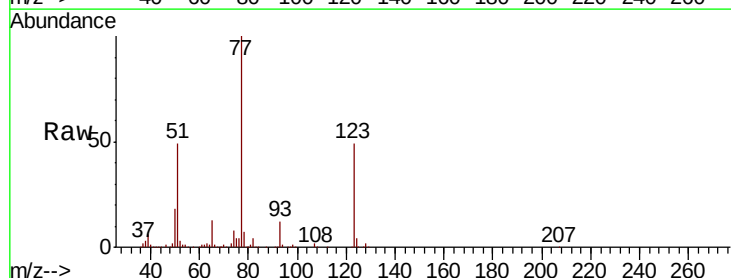


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

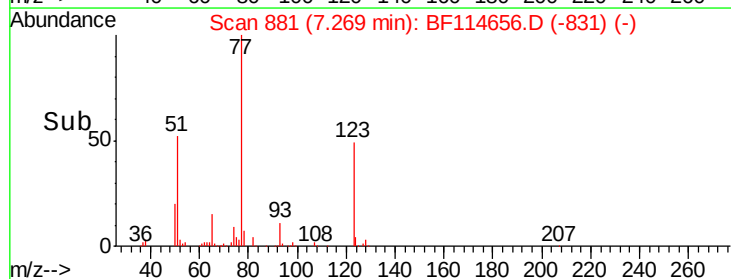
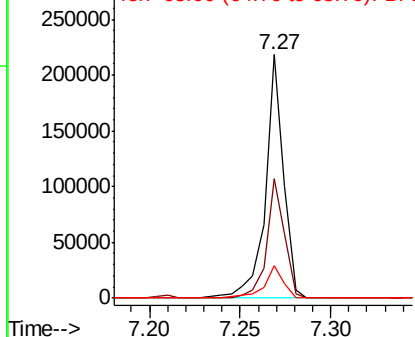


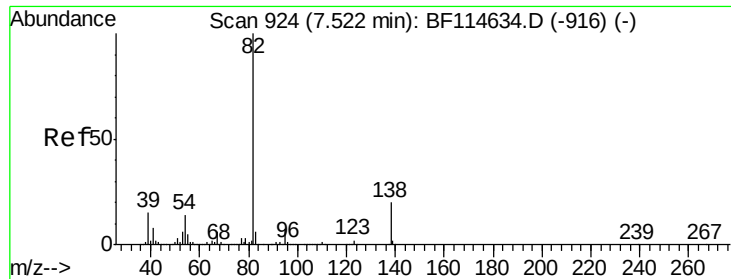
#24
Nitrobenzene
Concen: 5.729 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Tgt Ion: 77 Resp: 151734
Ion Ratio Lower Upper
77 100
123 49.3 38.5 57.7
65 13.3 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: 5.404 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampleId :

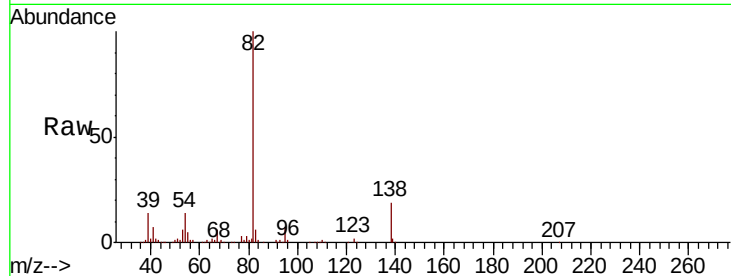
Tot Ion: 82 Resp: 270441

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

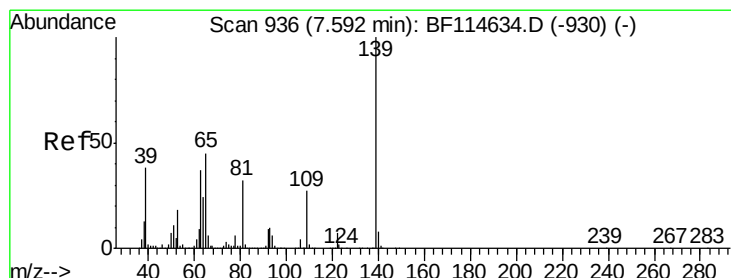
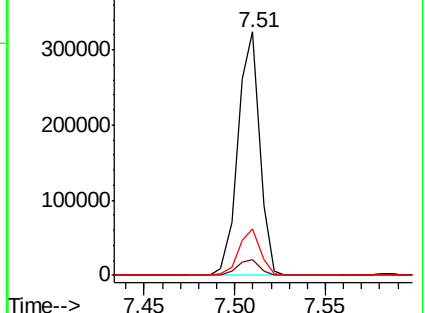
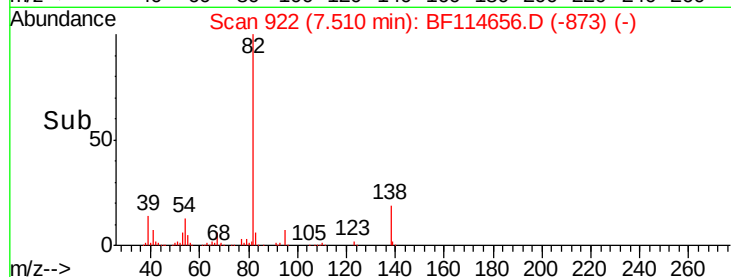
138 19.1 15.9 23.9



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: 4.790 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

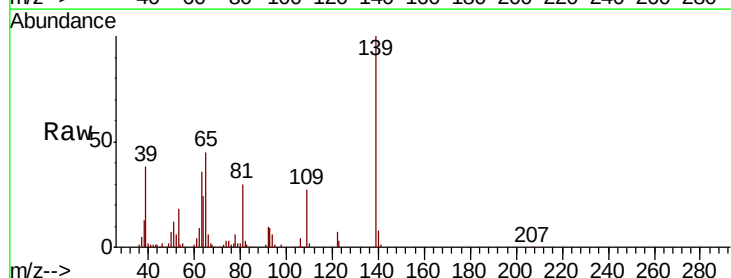
Tgt Ion: 139 Resp: 61751

Ion Ratio Lower Upper

139 100

109 26.9 21.7 32.5

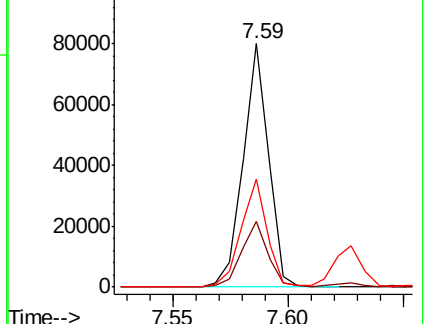
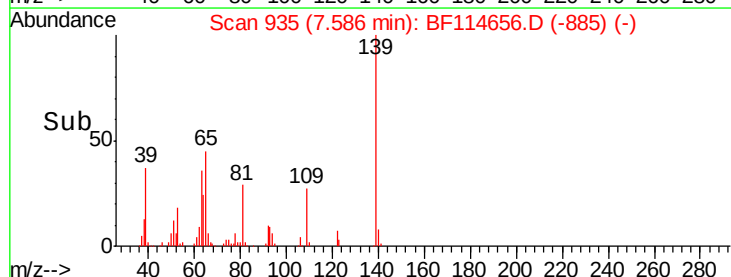
65 44.6 36.3 54.5

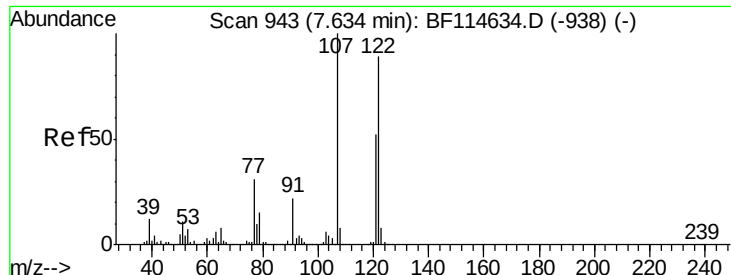


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

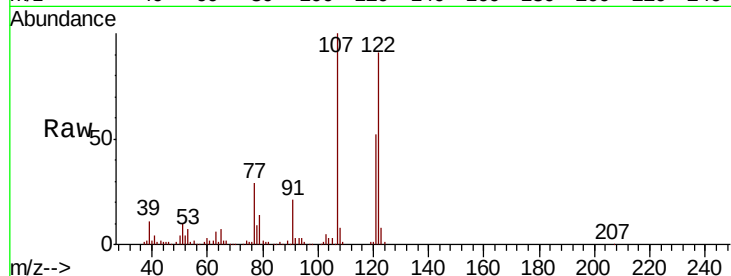




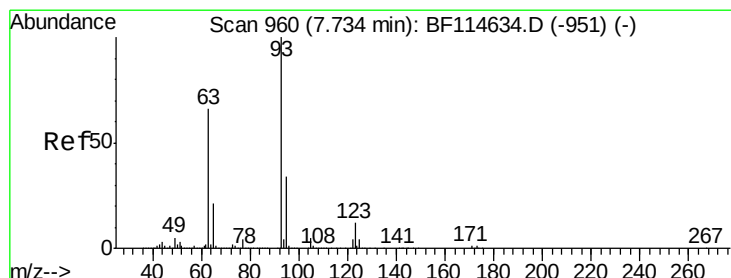
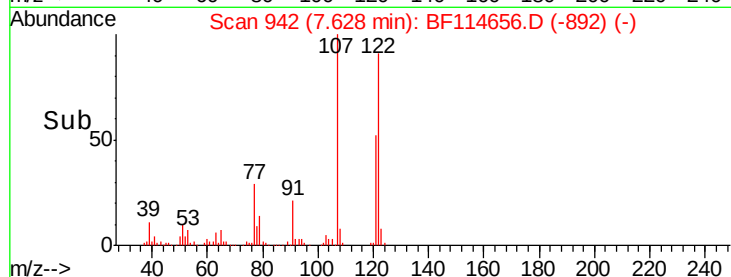
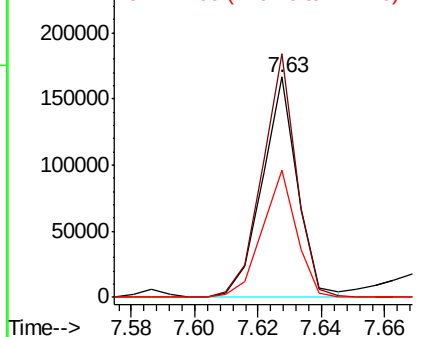
#27
 2,4-Dimethylphenol
 Concen: 6.009 ng
 RT: 7.63 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF114656.D
 Acq: 30 May 2019 13:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.4	89.3	133.9
121	57.5	46.8	70.2

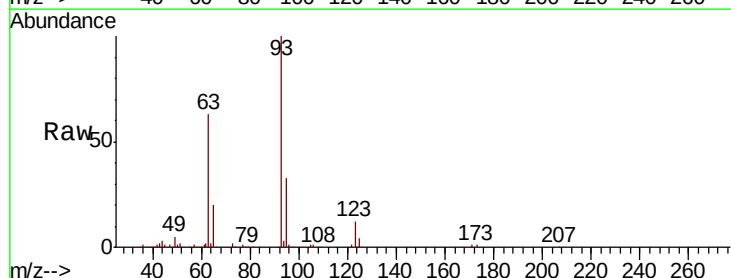


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

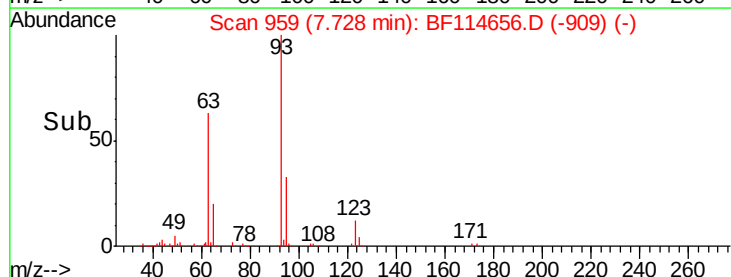
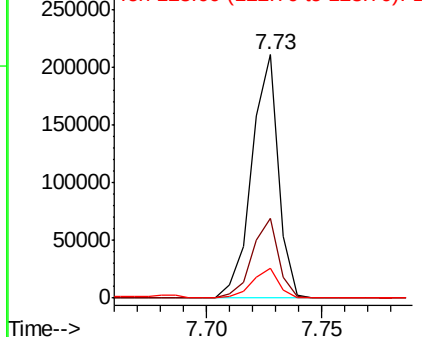


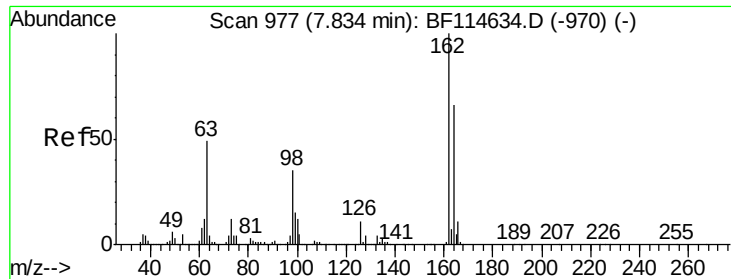
#28
 bis(2-Chloroethoxy)methane
 Concen: 5.348 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF114656.D
 Acq: 30 May 2019 13:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	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

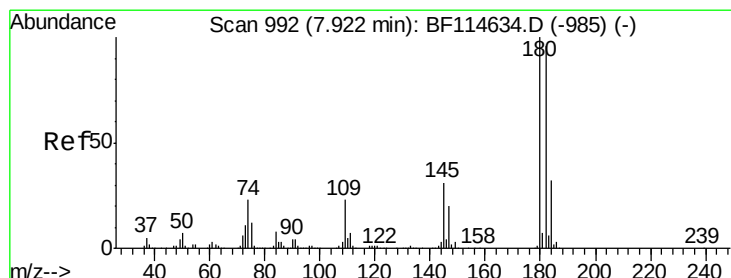
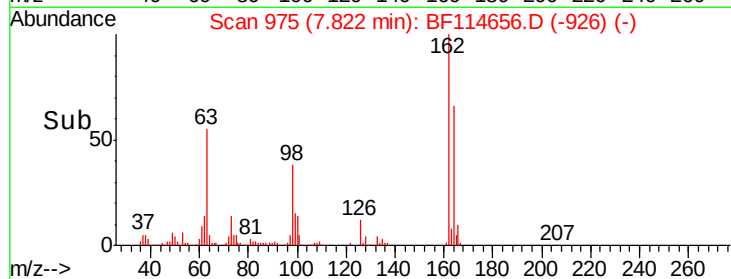
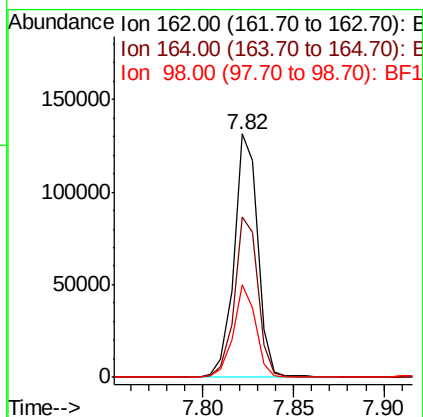
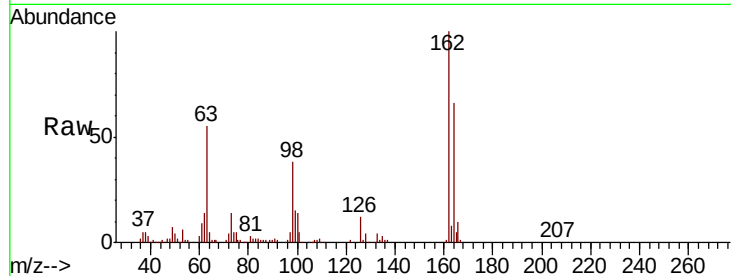




#29
 2,4-Dichlorophenol
 Concen: 5.457 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF114656.D
 Acq: 30 May 2019 13:08

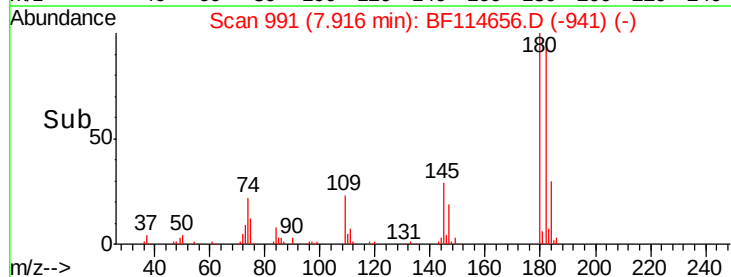
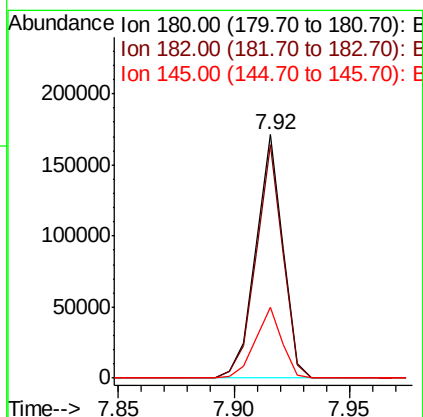
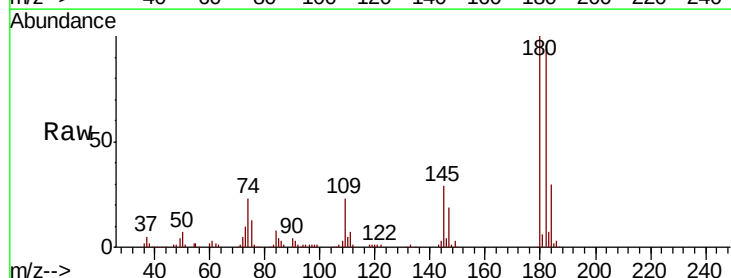
Instrument :
 BNA_F
 ClientSampleId :

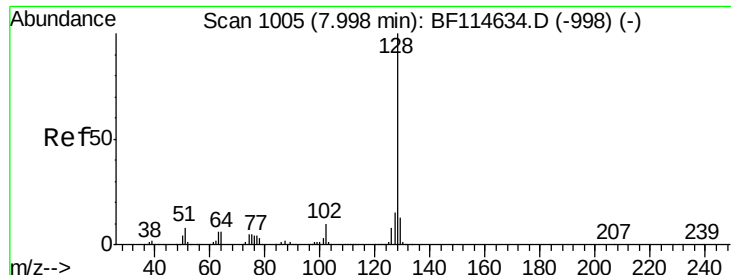
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	45.8	85.8
98	38.2	14.9	54.9



#30
 1,2,4-Trichlorobenzene
 Concen: 5.633 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF114656.D
 Acq: 30 May 2019 13:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.9	115.3
145	29.3	24.5	36.7

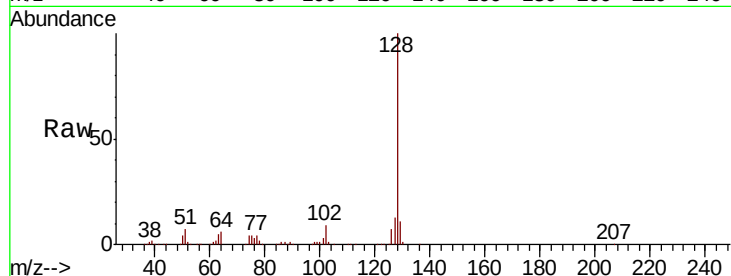




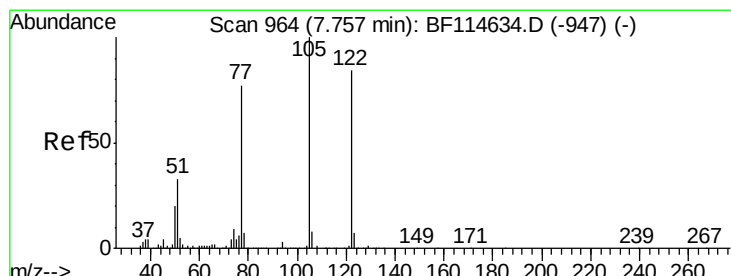
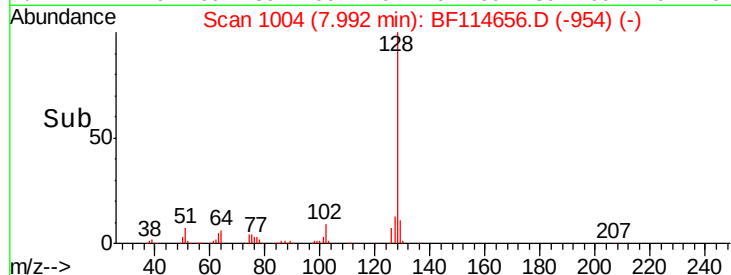
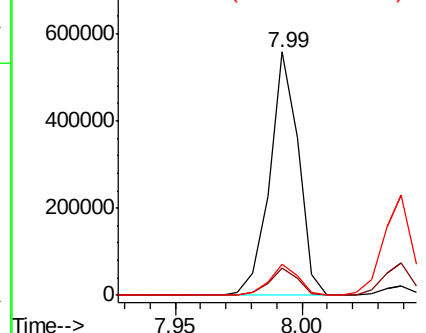
#31
Naphthalene
Concen: 6.200 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 444260
Ion Ratio Lower Upper
128 100
129 11.4 10.2 15.2
127 12.9 11.9 17.9

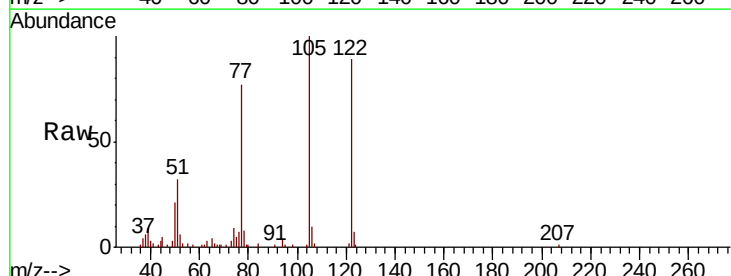


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

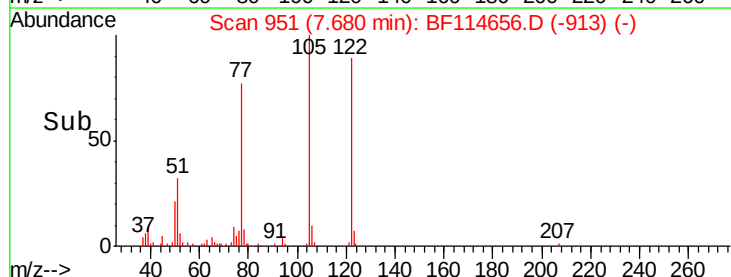
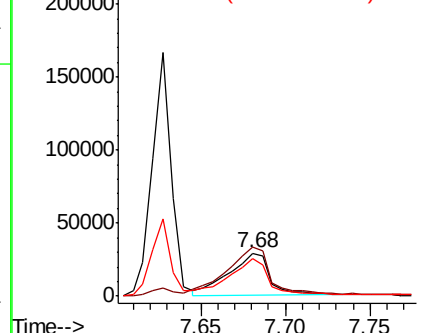


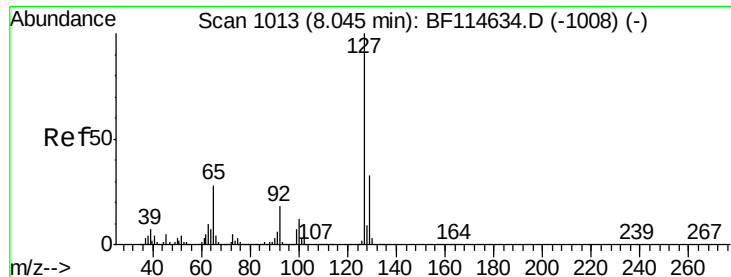
#32
Benzoic acid
Concen: 3.497 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.08 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Tgt Ion:122 Resp: 48707
Ion Ratio Lower Upper
122 100
105 112.6 98.3 138.3
77 87.0 70.7 110.7



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

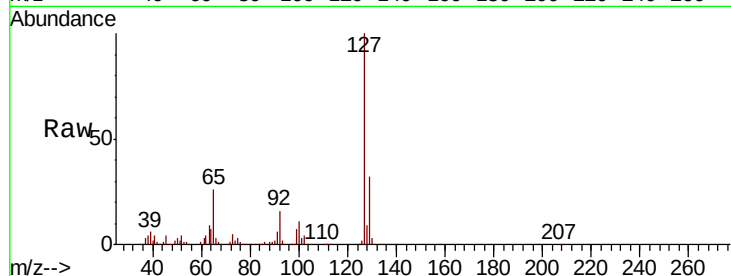




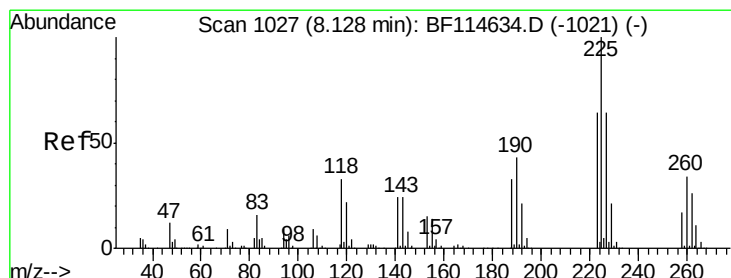
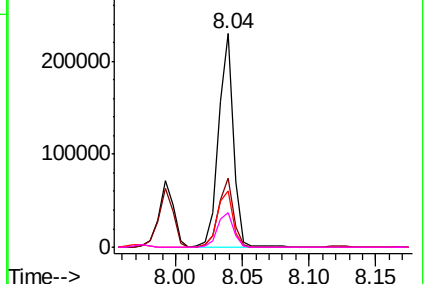
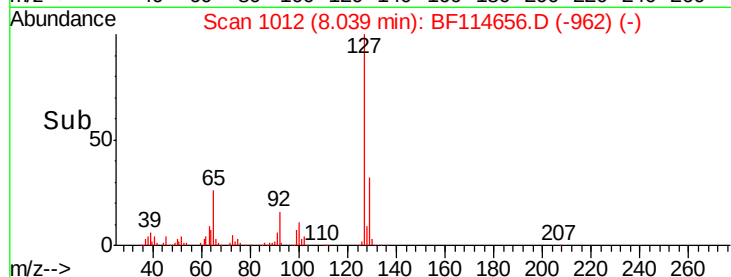
#33
4-Chloroaniline
Concen: 5.318 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	181535
Ion Ratio	Lower	Upper
127	100	
129	32.2	26.7 40.1
65	26.5	22.5 33.7
92	16.5	14.6 22.0

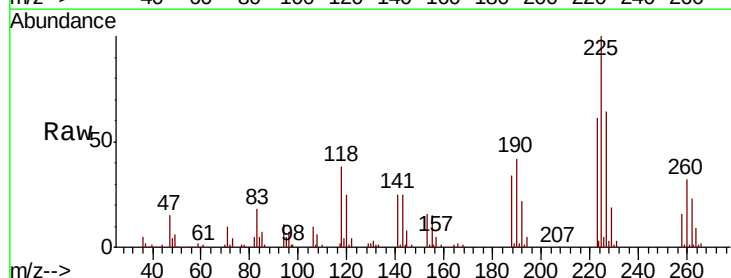


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

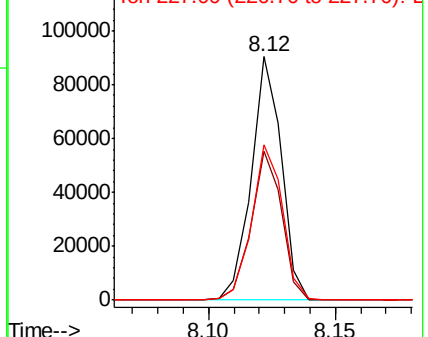
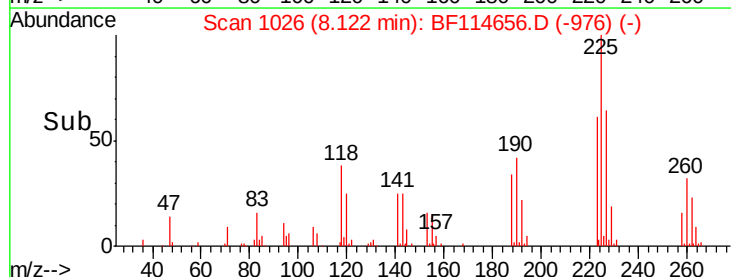


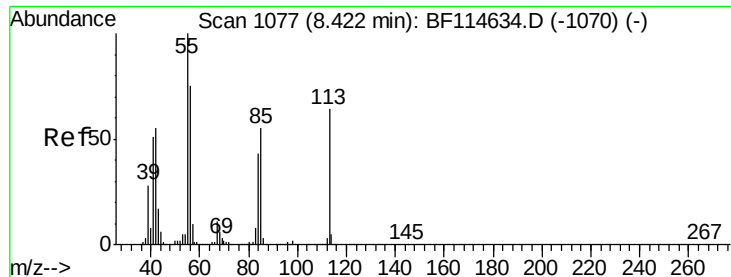
#34
Hexachlorobutadiene
Concen: 5.411 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Tgt Ion:225	Resp:	74749
Ion Ratio	Lower	Upper
225	100	
223	61.2	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

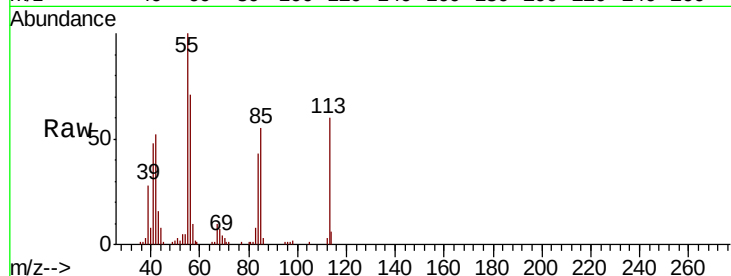




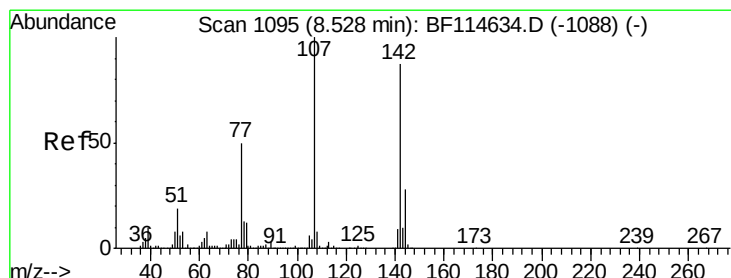
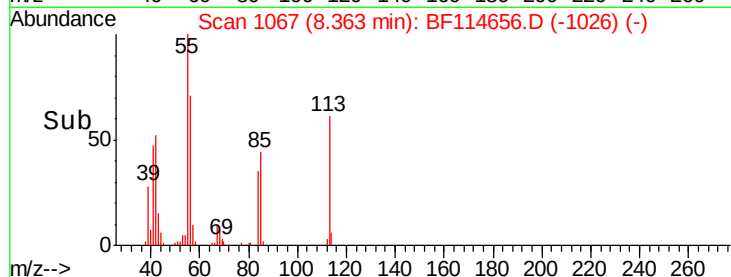
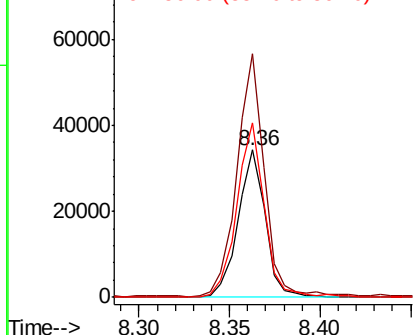
#35
 Caprolactam
 Concen: 4.845 ng
 RT: 8.36 min Scan# 1067
 Delta R.T. -0.06 min
 Lab File: BF114656.D
 Acq: 30 May 2019 13:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 35684
 Ion Ratio Lower Upper
 113 100
 55 165.5 136.4 176.4
 56 118.3 97.0 137.0

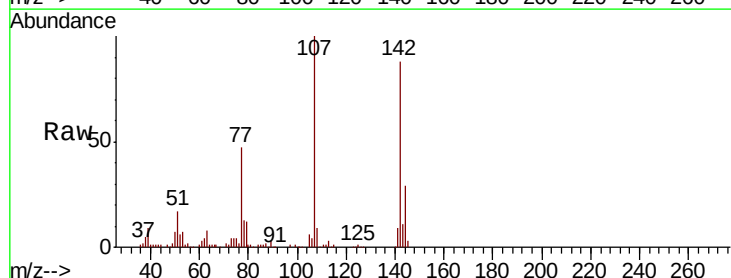


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

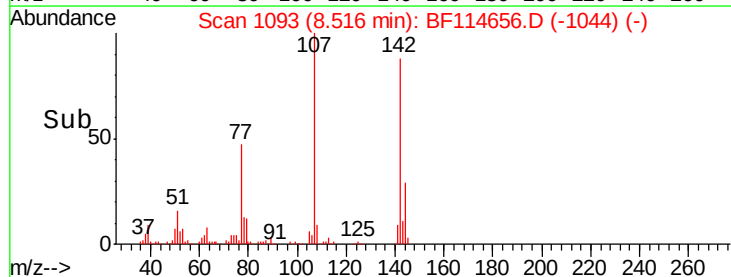
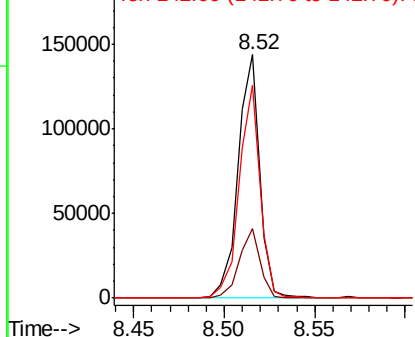


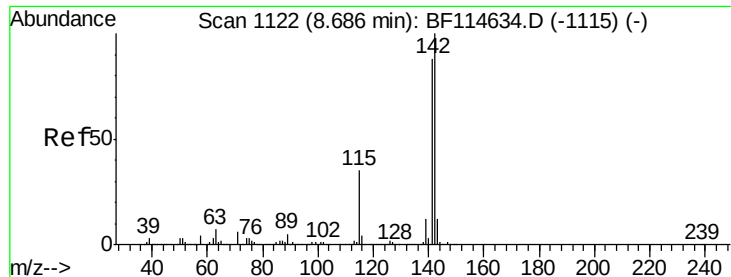
#36
 4-Chloro-3-methylphenol
 Concen: 5.469 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF114656.D
 Acq: 30 May 2019 13:08

Tgt Ion:107 Resp: 119697
 Ion Ratio Lower Upper
 107 100
 144 28.7 22.5 33.7
 142 87.7 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

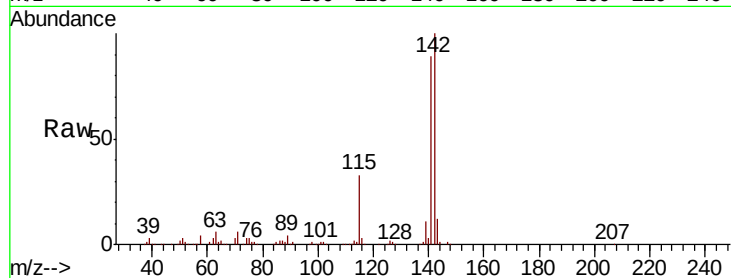




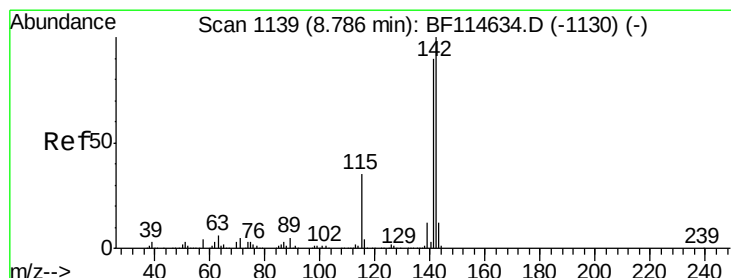
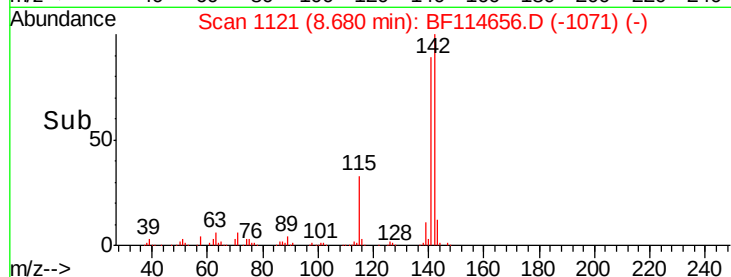
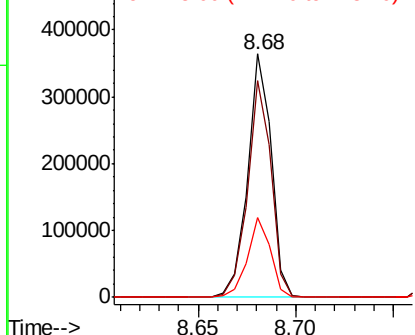
#37
2-Methylnaphthalene
Concen: 6.398 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 304622
Ion Ratio Lower Upper
142 100
141 89.2 70.3 105.5
115 32.5 28.0 42.0

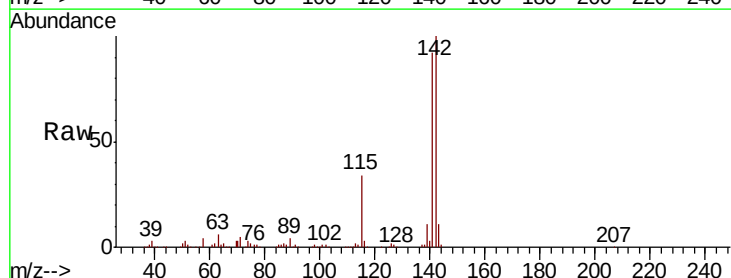


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

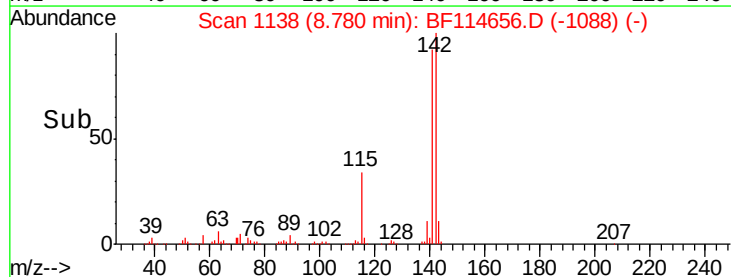
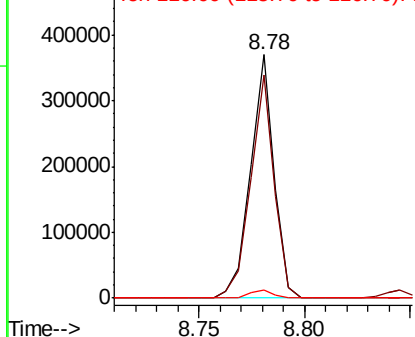


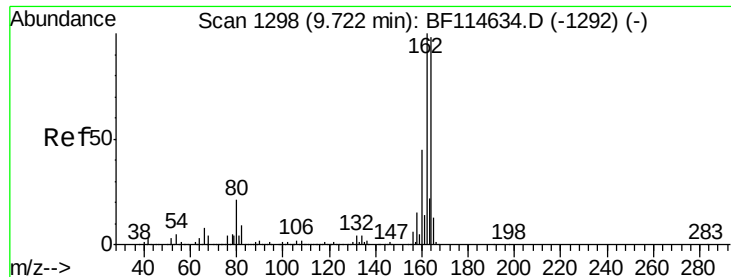
#38
1-Methylnaphthalene
Concen: 6.366 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Tgt Ion:142 Resp: 287167
Ion Ratio Lower Upper
142 100
141 91.8 72.3 108.5
116 3.4 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

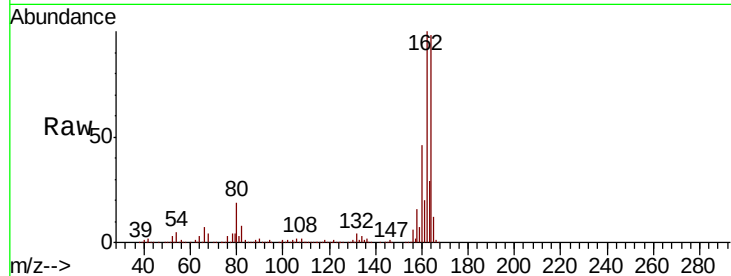




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.2
160	47.1	36.6	54.8

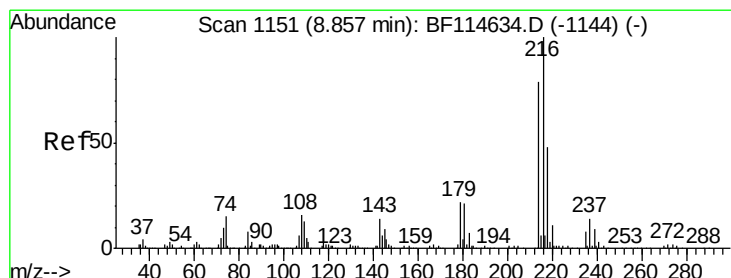
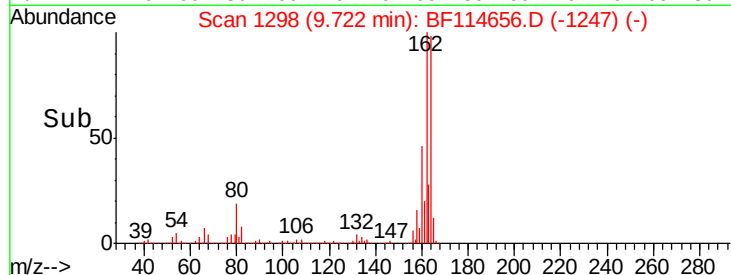
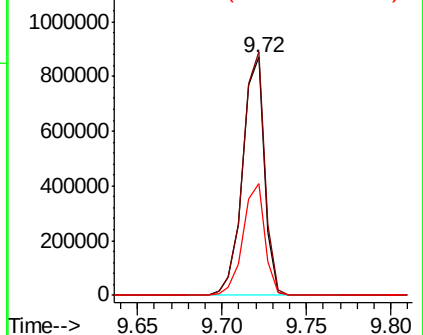


Abundance

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: 6.289 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.1	63.2	94.8
179	21.7	17.9	26.9
108	19.4	15.8	23.8

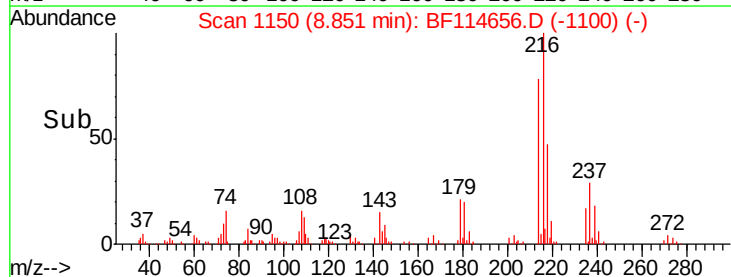
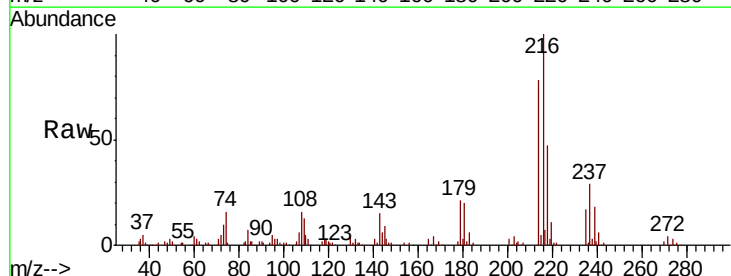
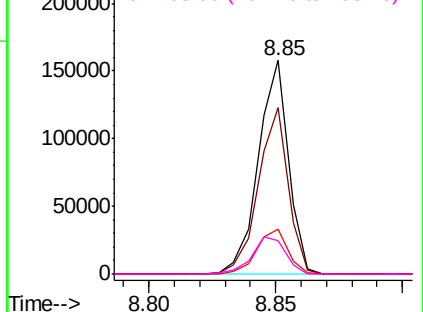
Abundance

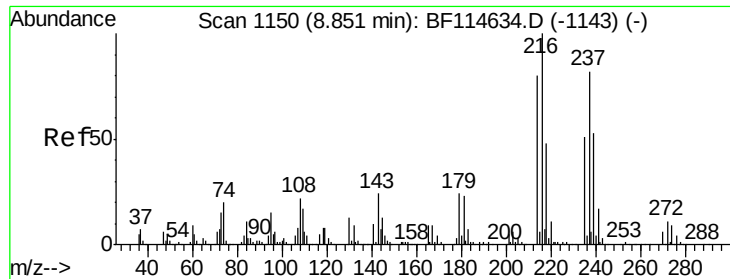
Ion 216.00 (215.70 to 216.70): E

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: 5.722 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampled :

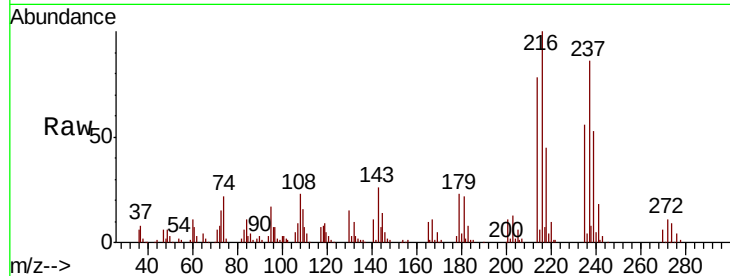
Tot Ion:237 Resp: 79235

Ion Ratio Lower Upper

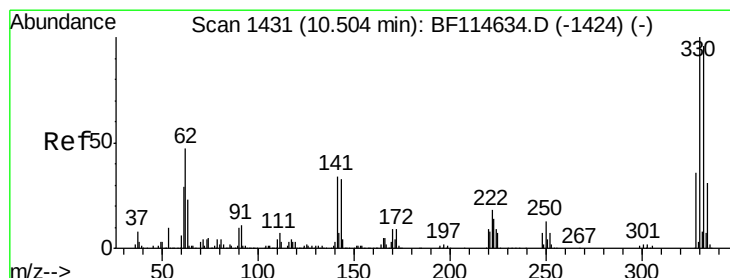
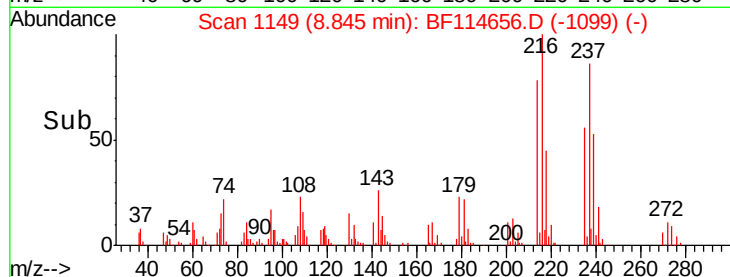
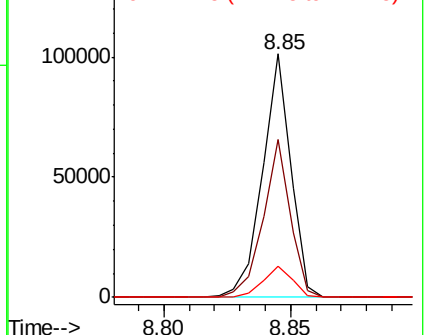
237 100

235 64.6 42.8 82.8

272 13.0 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: 141.927 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

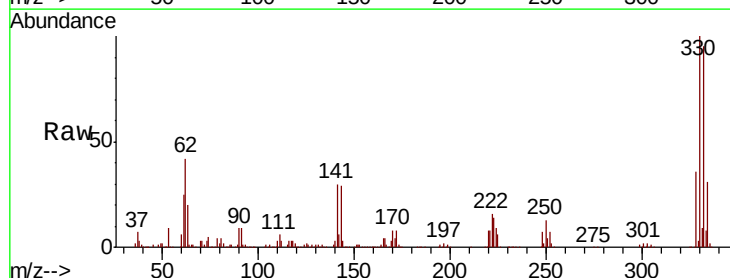
Tgt Ion:330 Resp: 1064043

Ion Ratio Lower Upper

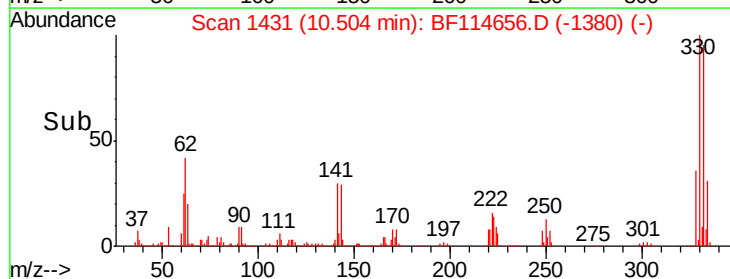
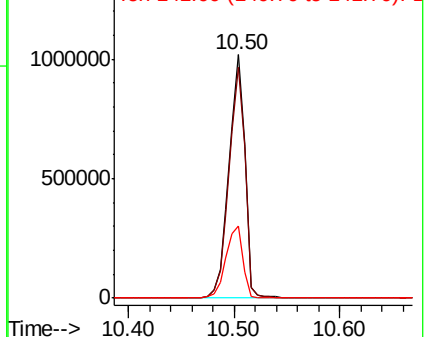
330 100

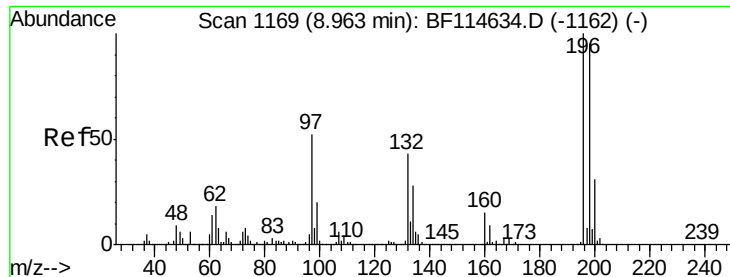
332 96.3 75.8 113.8

141 32.0 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

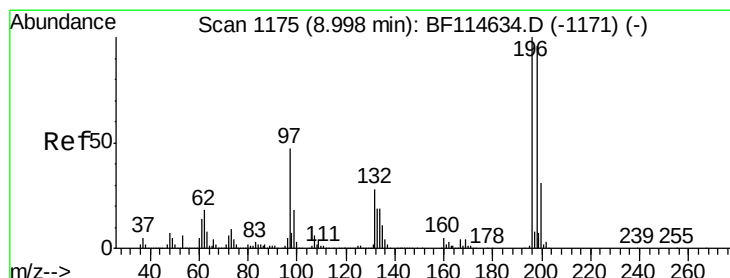
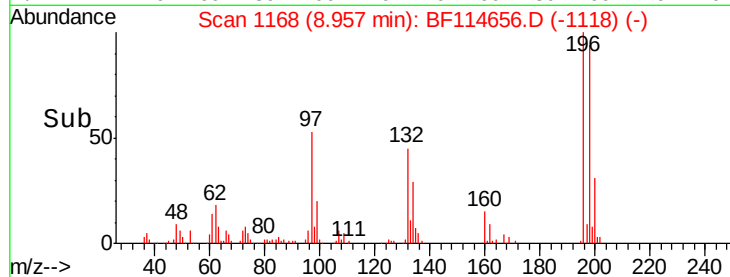
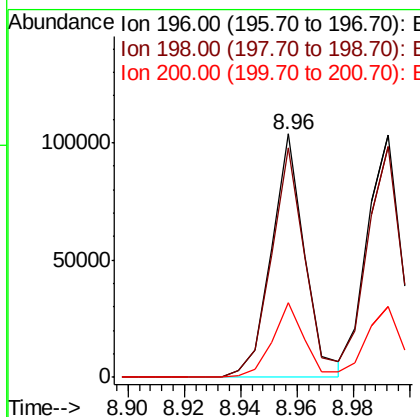
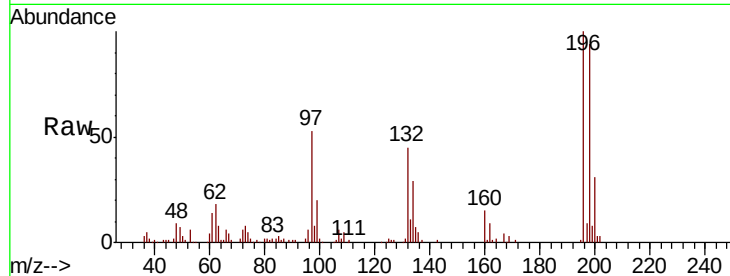




#43
 2,4,6-Trichlorophenol
 Concen: 5.153 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF114656.D
 Acq: 30 May 2019 13:08

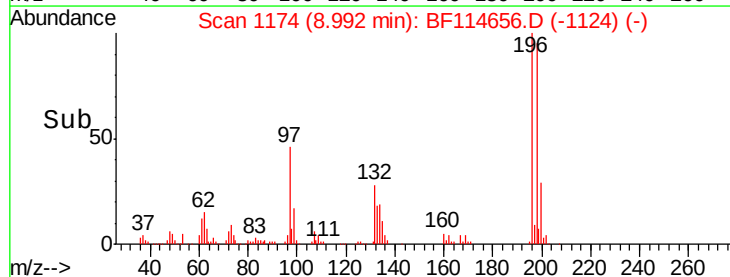
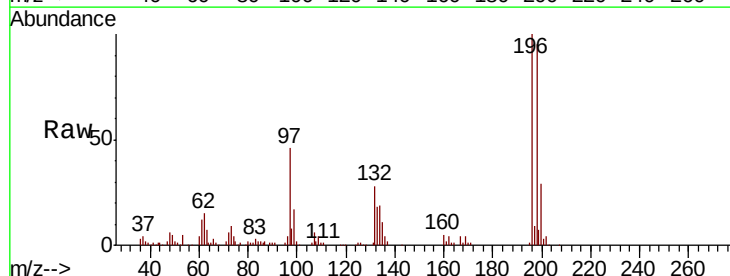
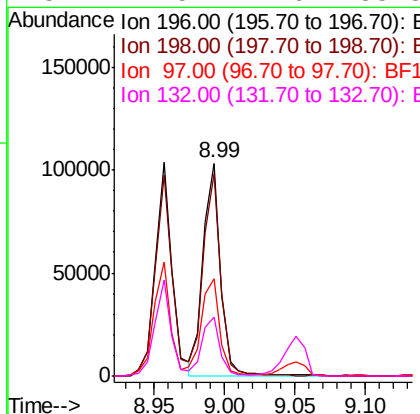
Instrument :
 BNA_F
 ClientSampled :

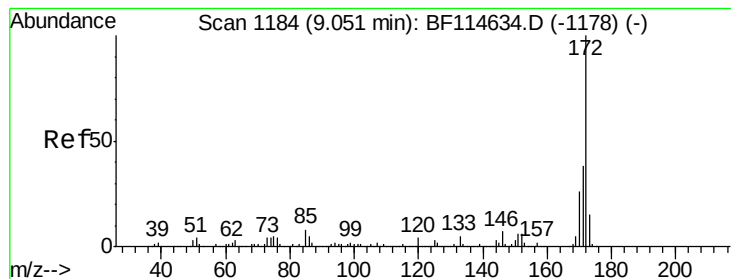
Tot Ion	196	Resp	84960
Ion Ratio	Lower	Upper	
196	100		
198	94.1	76.1	114.1
200	30.8	24.7	37.1



#44
 2,4,5-Trichlorophenol
 Concen: 5.448 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF114656.D
 Acq: 30 May 2019 13:08

Tgt Ion	196	Resp	89637
Ion Ratio	Lower	Upper	
196	100		
198	95.1	76.8	115.2
97	45.8	37.8	56.8
132	27.5	22.6	33.8

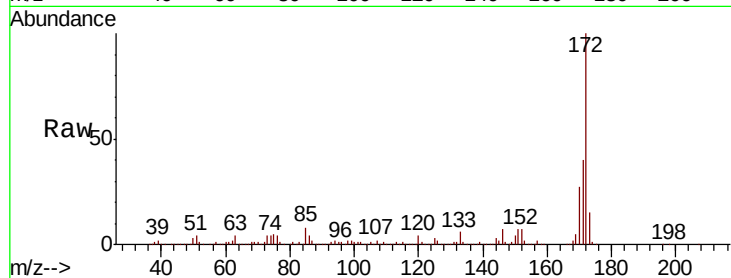




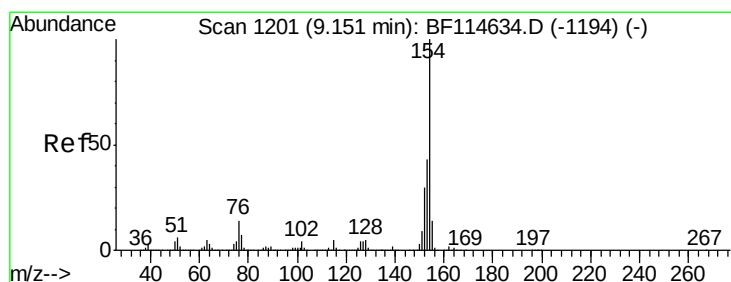
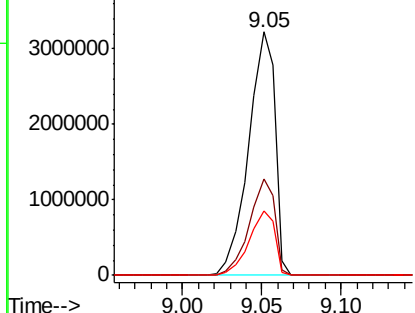
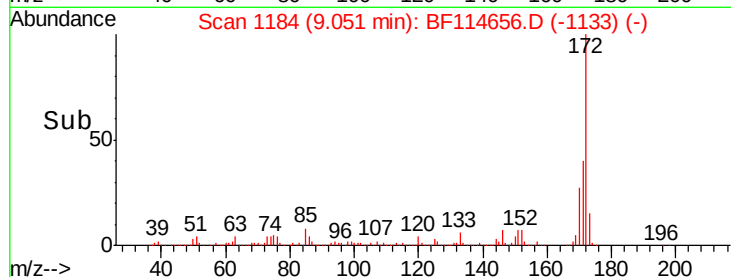
#45
2-Fluorobiphenyl
Concen: 79.204 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3751008
Ion Ratio Lower Upper
172 100
171 39.5 30.6 45.8
170 26.7 20.7 31.1

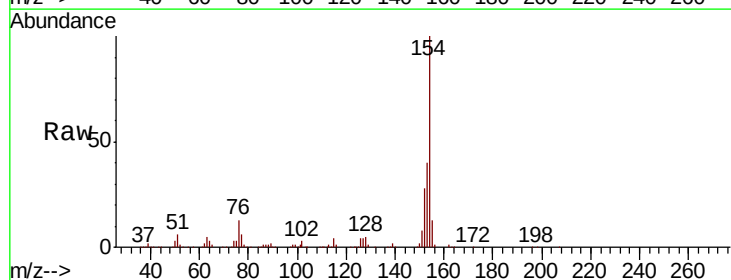


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

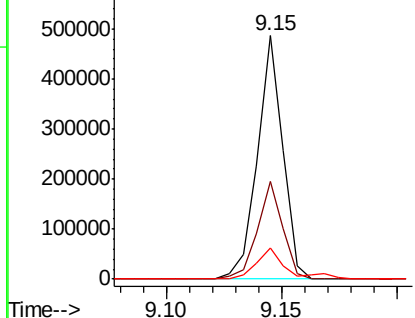
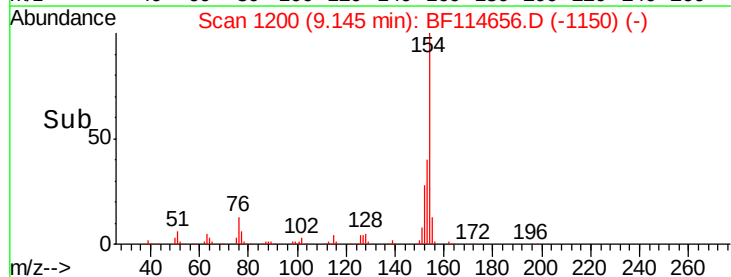


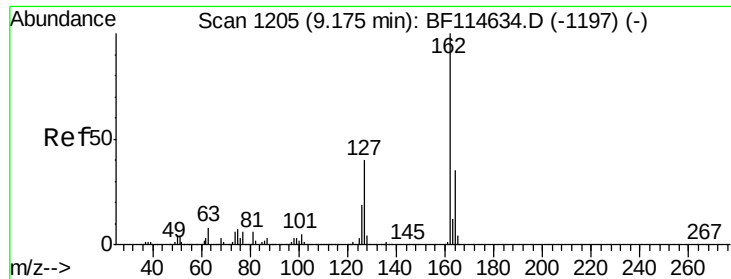
#46
1,1'-Biphenyl
Concen: 6.379 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Tgt Ion:154 Resp: 372588
Ion Ratio Lower Upper
154 100
153 39.9 23.0 63.0
76 12.6 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

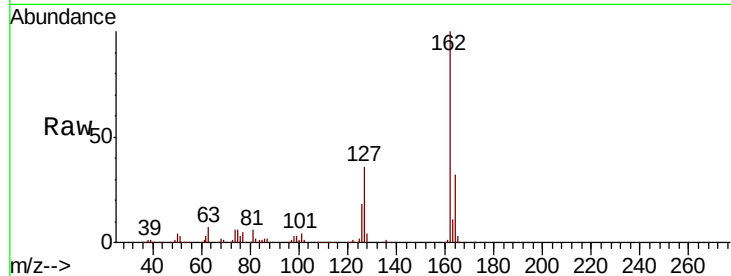




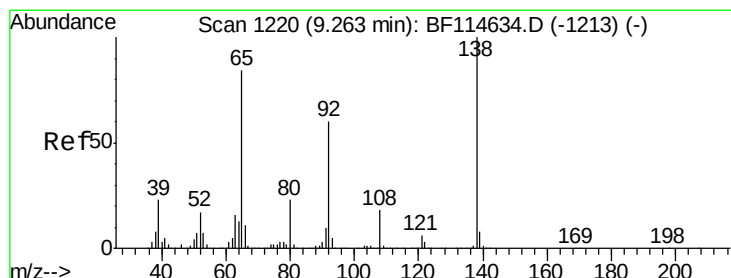
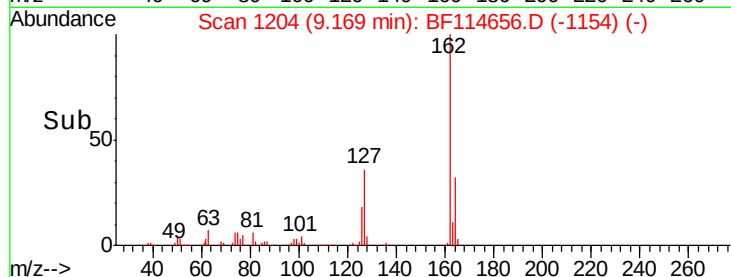
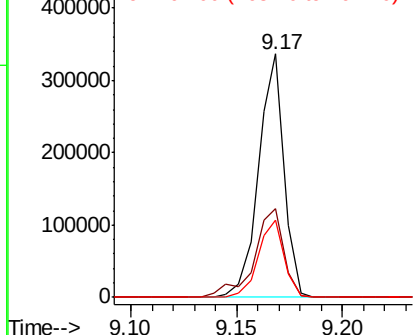
#47
2-Chloronaphthalene
Concen: 5.891 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	32.2	48.2
164	31.7	27.8	41.6

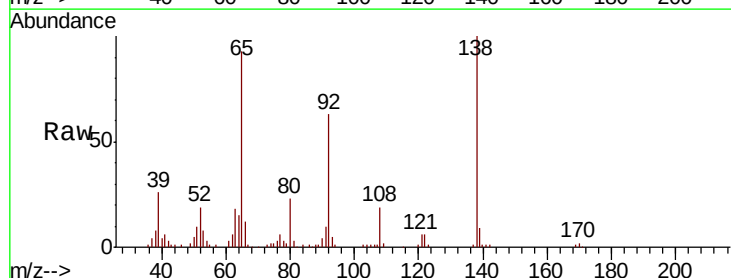


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

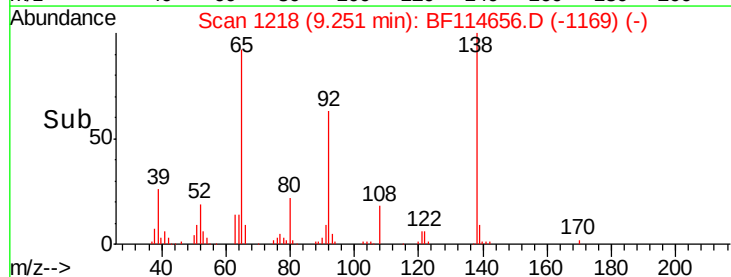
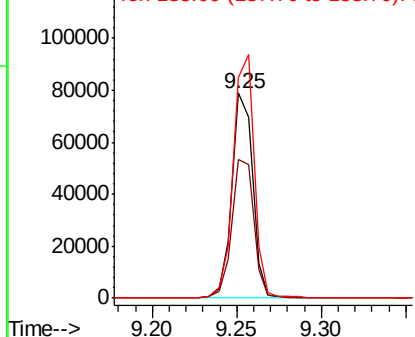


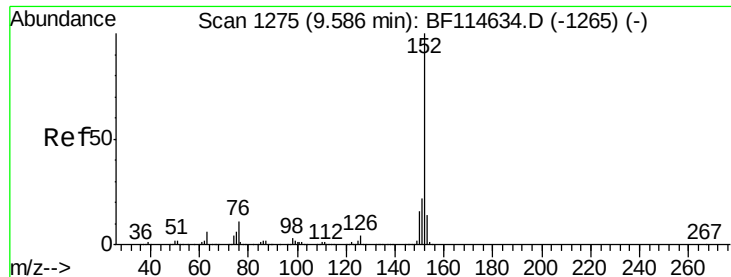
#48
2-Nitroaniline
Concen: 4.574 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	57.1	85.7
138	107.5	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: 6.095 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampleId :

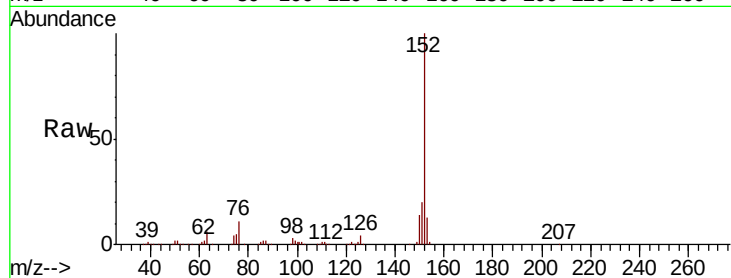
Tot Ion:152 Resp: 451089

Ion Ratio Lower Upper

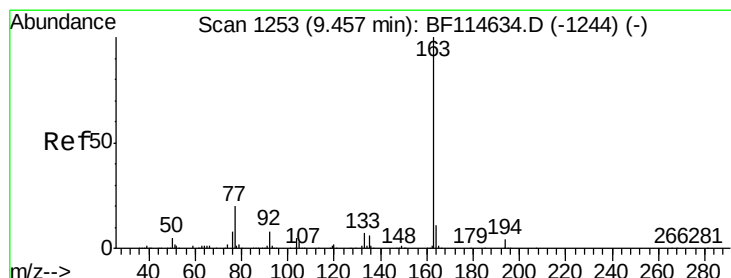
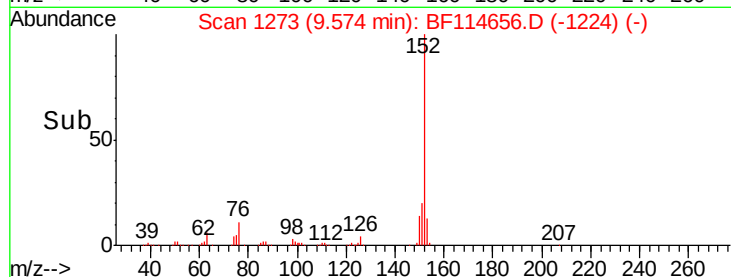
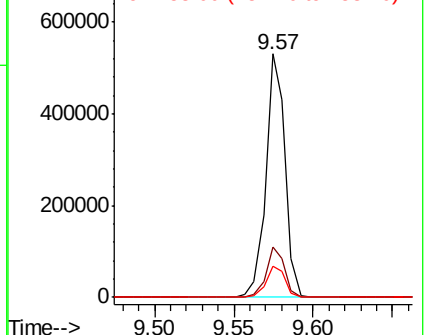
152 100

151 20.4 17.5 26.3

153 13.0 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: 5.807 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

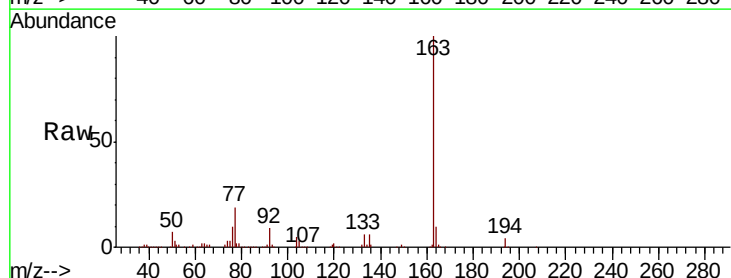
Tgt Ion:163 Resp: 318399

Ion Ratio Lower Upper

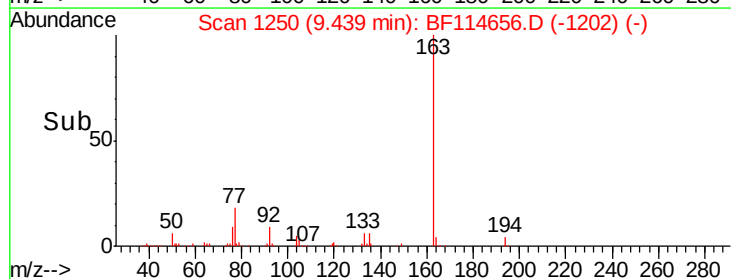
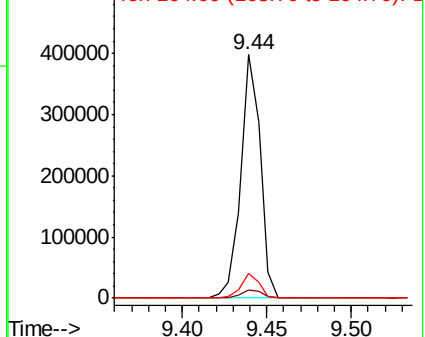
163 100

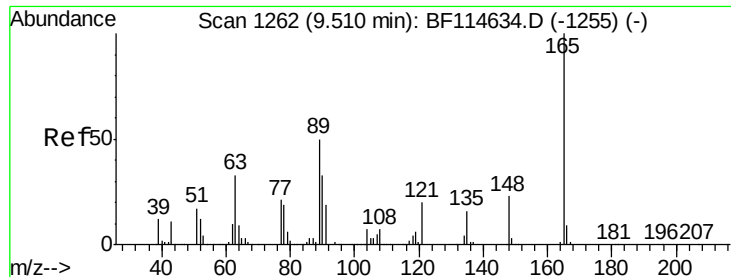
194 3.5 3.4 5.0

164 10.1 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: 5.026 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampled :

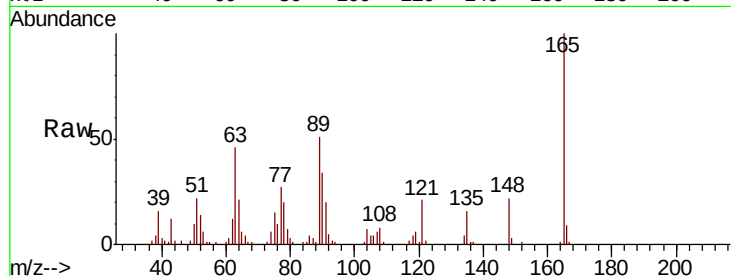
Tot Ion:165 Resp: 64025

Ion Ratio Lower Upper

165 100

63 46.3 36.6 54.8

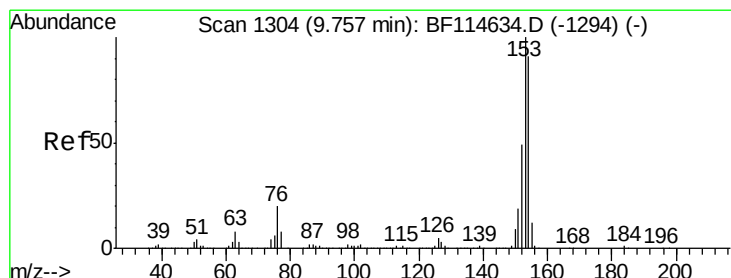
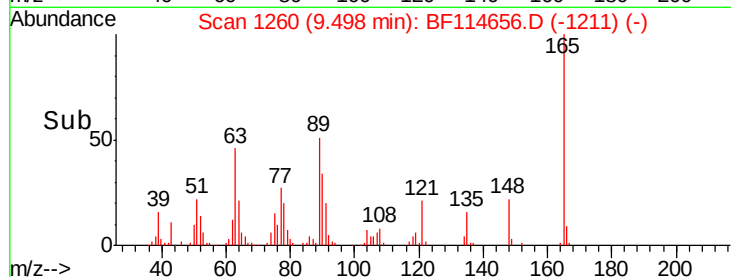
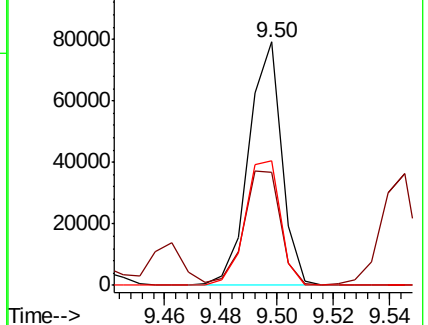
89 51.2 40.2 60.4



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: 5.919 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

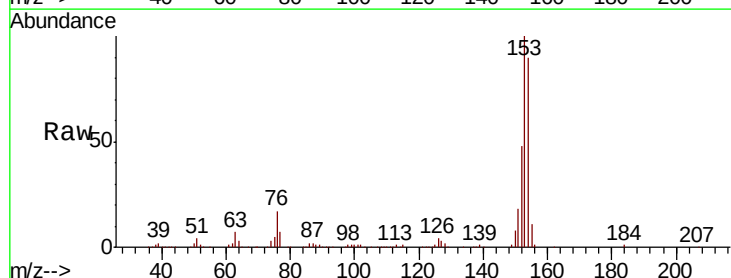
Tgt Ion:154 Resp: 268684

Ion Ratio Lower Upper

154 100

153 111.1 88.4 132.6

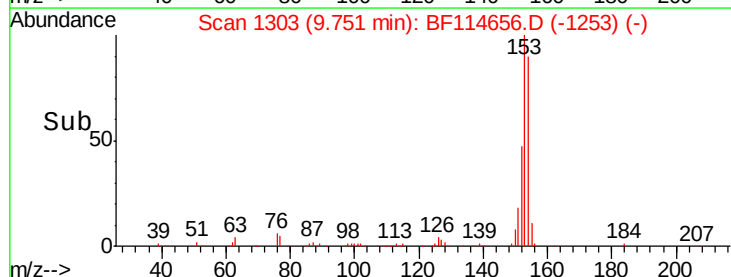
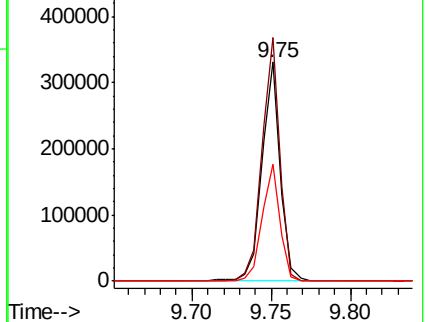
152 53.4 43.4 65.0

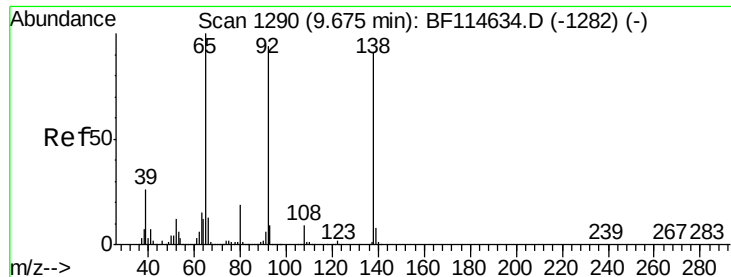


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

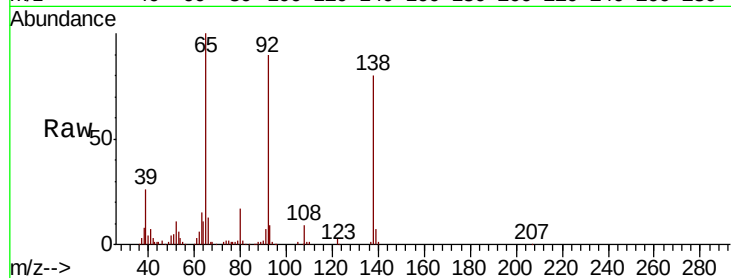




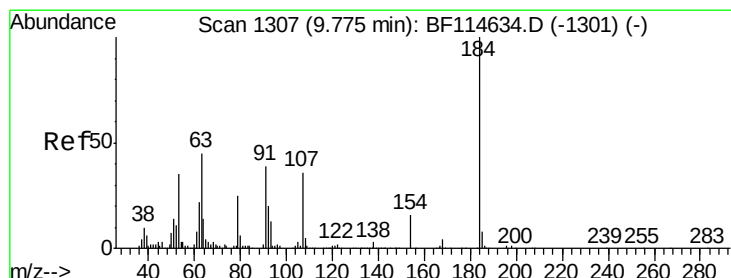
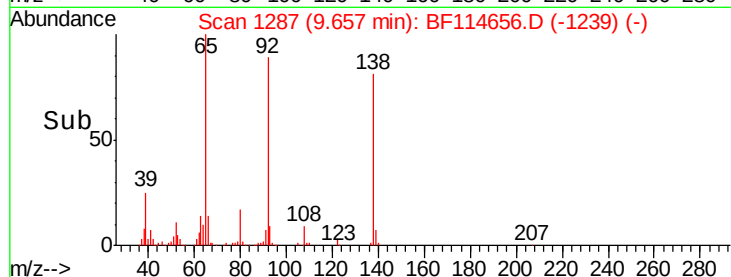
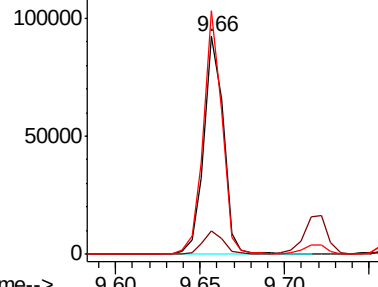
#53
3-Nitroaniline
Concen: 4.754 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 74128
Ion Ratio Lower Upper
138 100
108 11.1 8.3 12.5
92 112.0 83.1 124.7

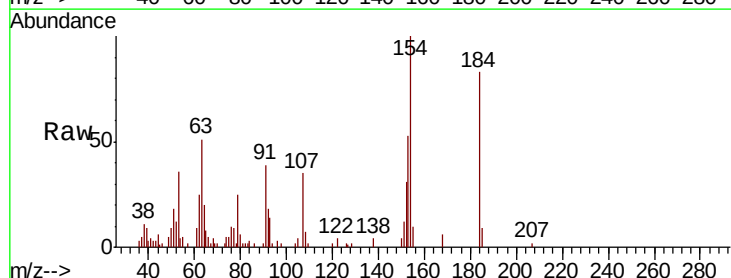


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

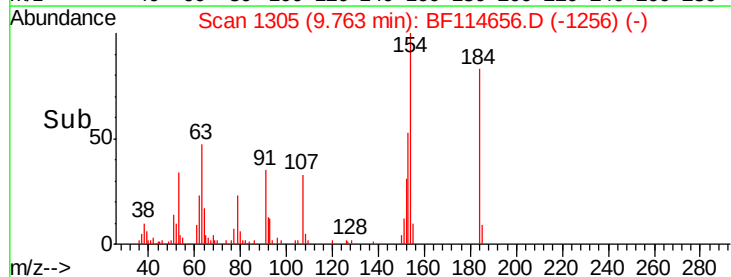
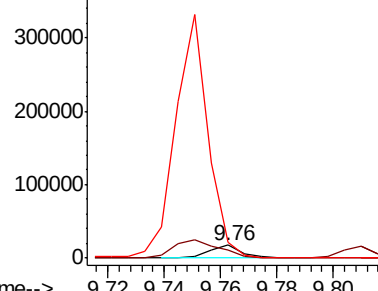


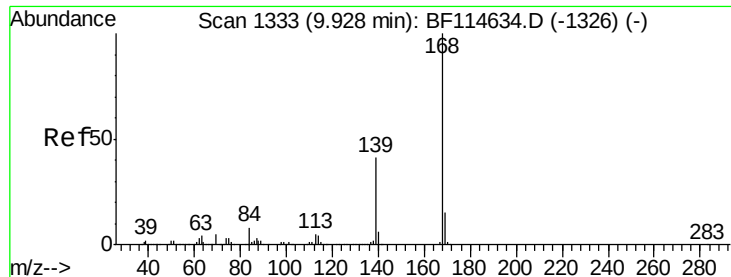
#54
2,4-Dinitrophenol
Concen: 2.756 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Tgt Ion:184 Resp: 13849
Ion Ratio Lower Upper
184 100
63 62.0 38.8 58.2#
154 120.7 43.7 65.5#



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

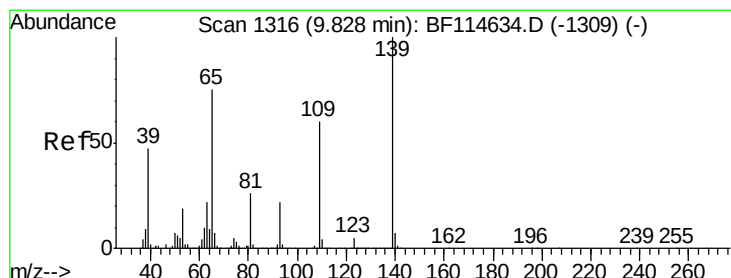
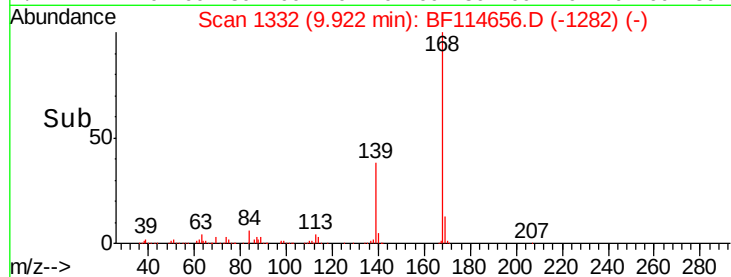
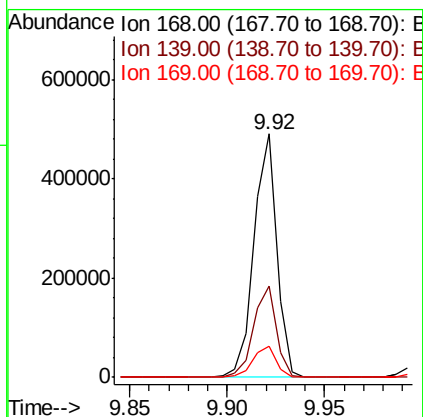
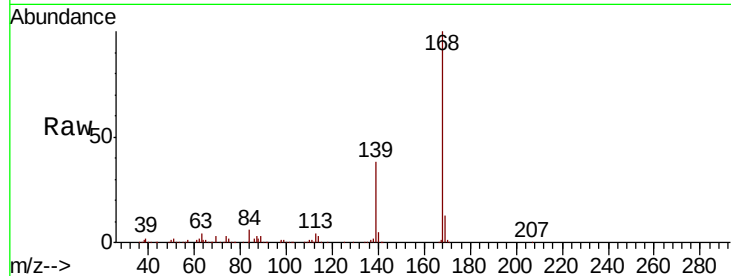




#55
Dibenzenofuran
Concen: 6.190 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

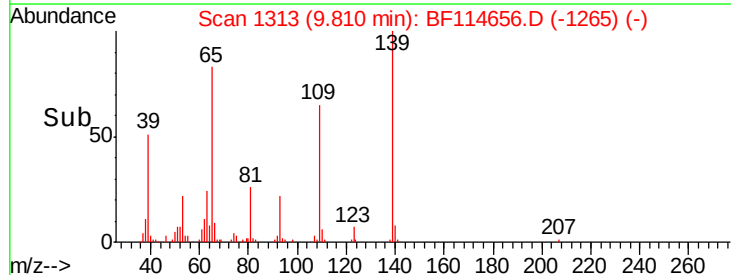
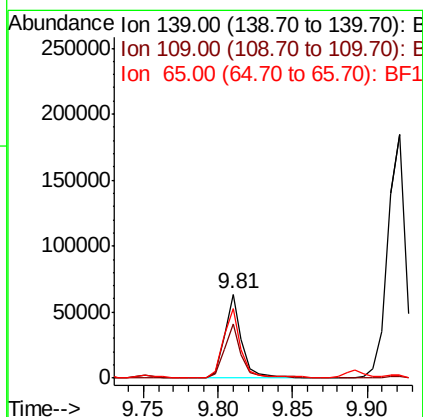
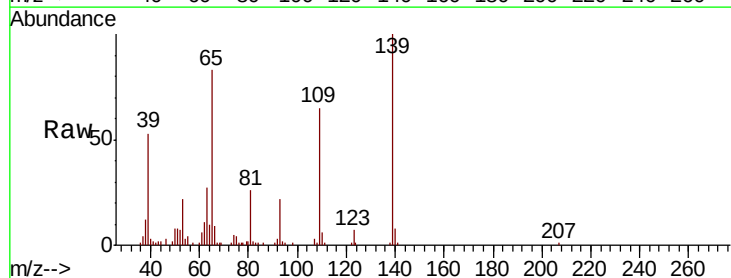
Instrument :
BNA_F
ClientSampleId :

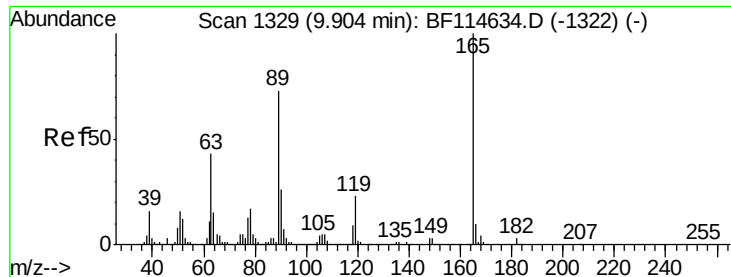
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	32.6	48.8
169	12.9	11.8	17.8



#56
4-Nitrophenol
Concen: 4.487 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.9	40.4	80.4
65	83.2	54.7	94.7

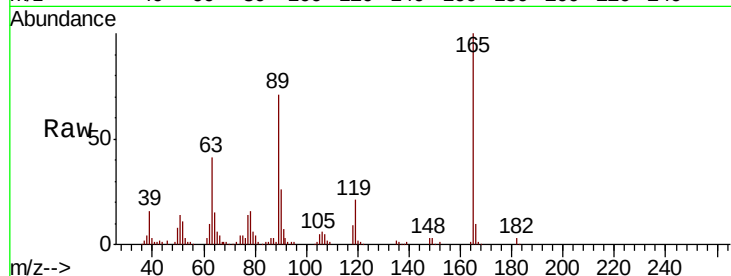




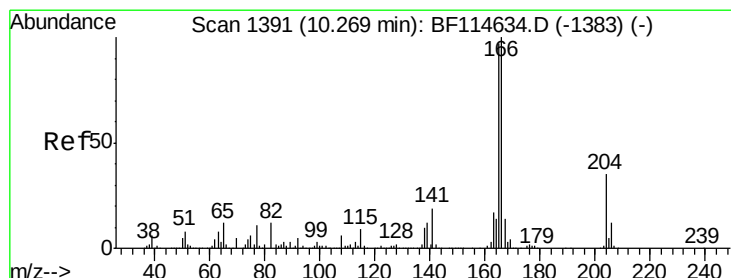
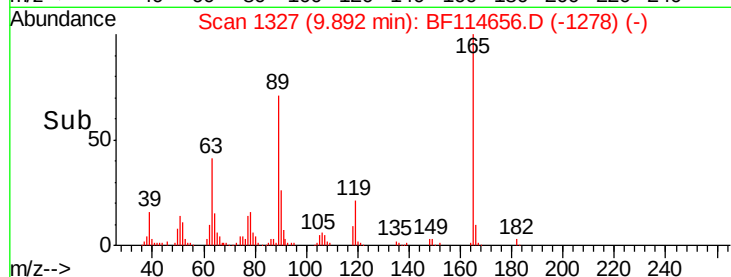
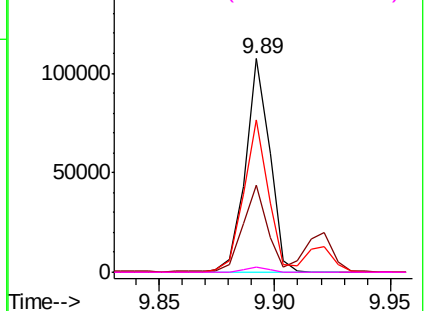
#57
2,4-Dinitrotoluene
Concen: 4.860 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 79460
Ion Ratio Lower Upper
165 100
63 40.7 34.8 52.2
89 71.5 58.5 87.7
182 2.7 2.2 3.2

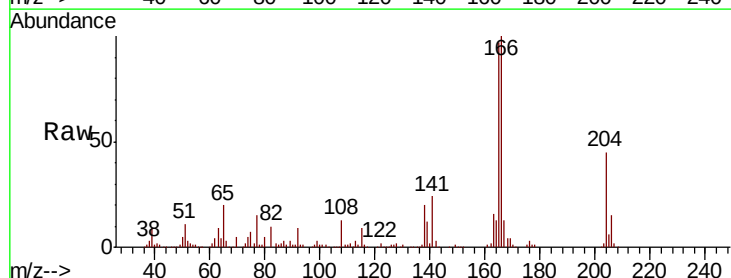


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

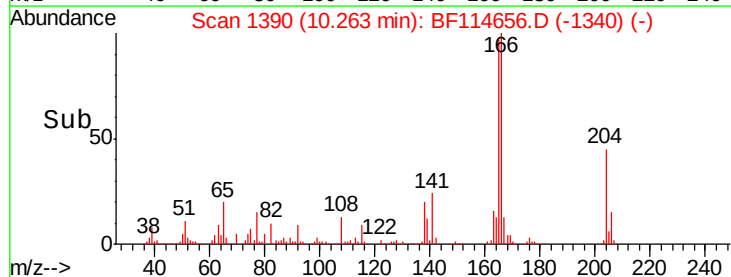
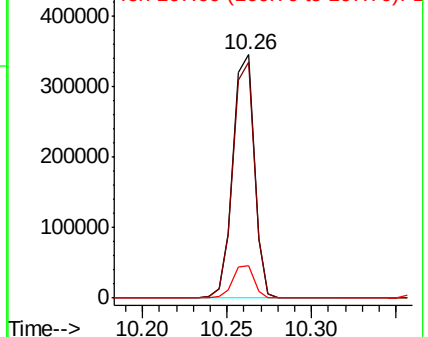


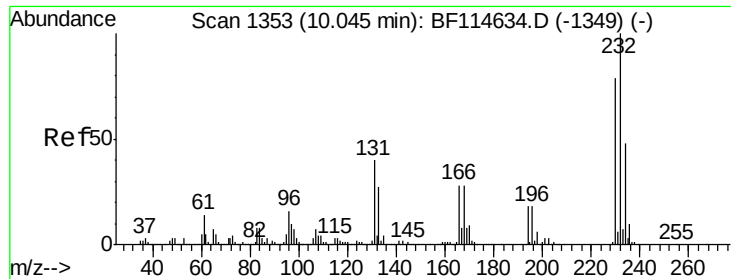
#58
Fluorene
Concen: 7.023 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Tgt Ion:166 Resp: 306417
Ion Ratio Lower Upper
166 100
165 97.1 77.6 116.4
167 13.1 11.2 16.8



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

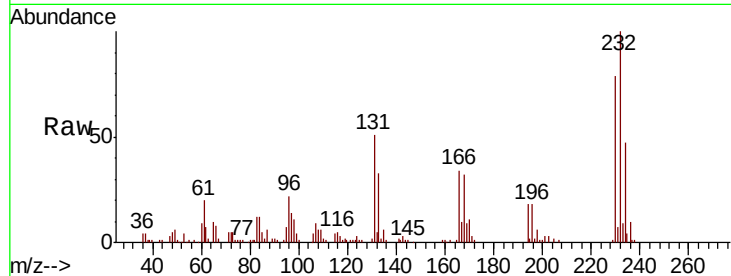




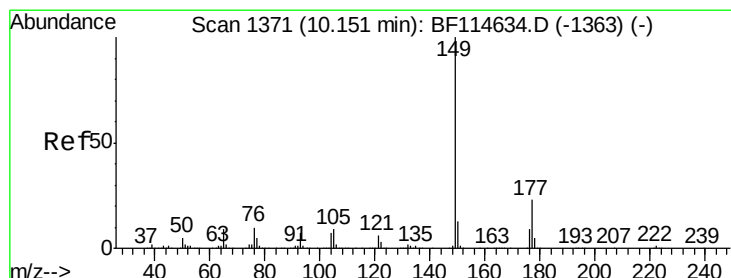
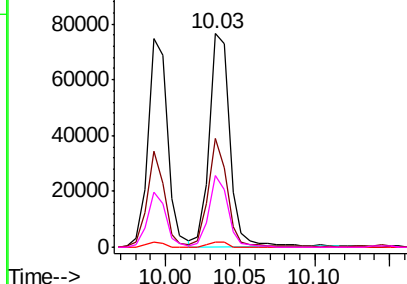
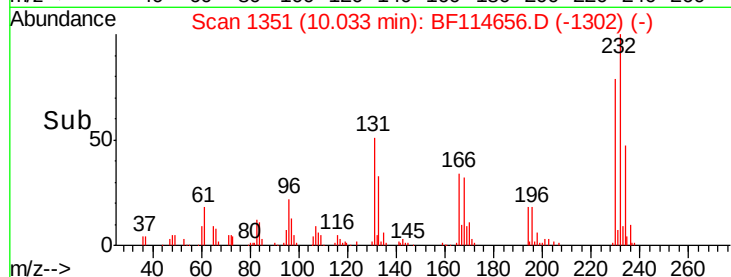
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 5.415 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF114656.D
 Acq: 30 May 2019 13:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	72926
Ion	Ratio	Lower	Upper
232	100		
131	45.8	37.2	55.8
130	2.3	1.8	2.8
166	31.5	24.8	37.2

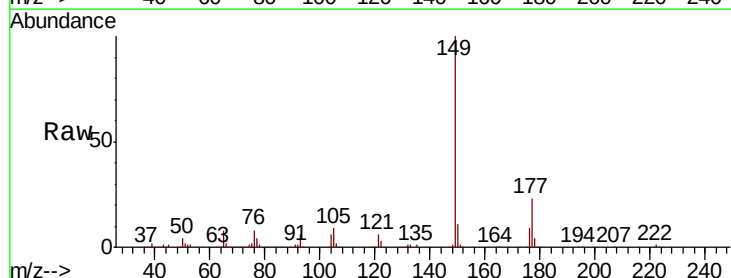


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

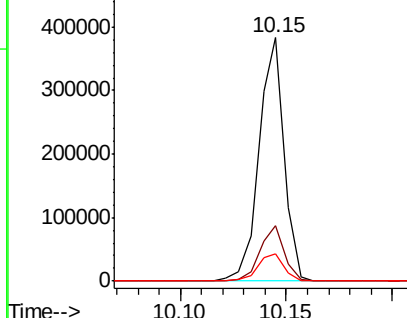
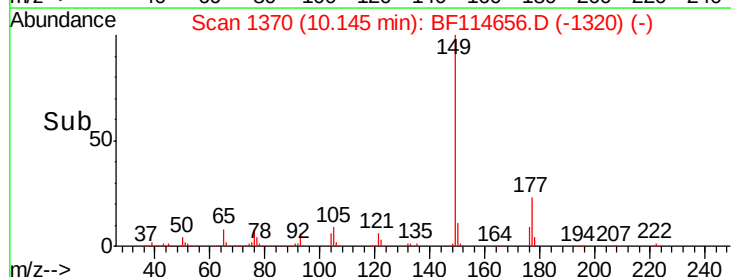


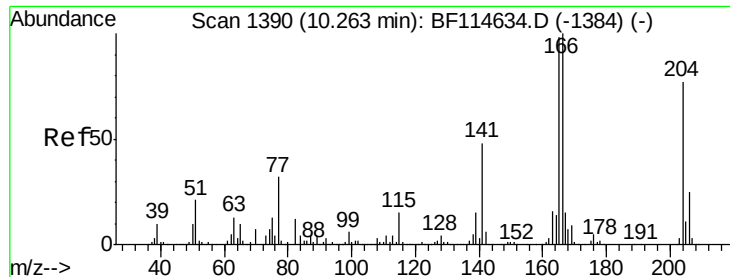
#60
 Diethylphthalate
 Concen: 5.652 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.01 min
 Lab File: BF114656.D
 Acq: 30 May 2019 13:08

Tgt Ion:	149	Resp:	316500
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.6	28.0
150	11.3	10.6	15.8



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

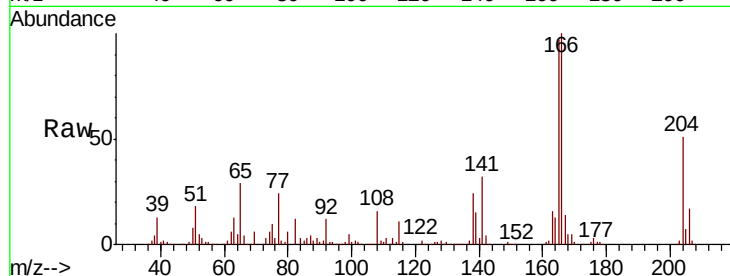




#61
 4-Chlorophenyl-phenylether
 Concen: 6.740 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF114656.D
 Acq: 30 May 2019 13:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.4	39.6
141	63.7	50.0	75.0

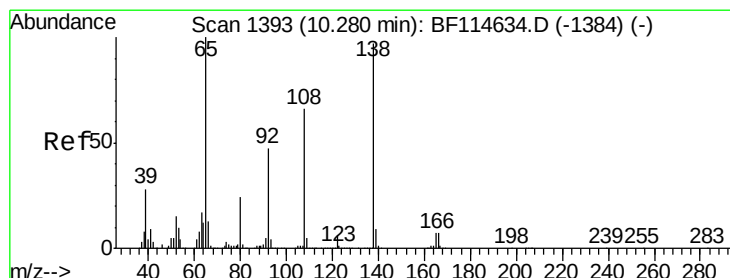
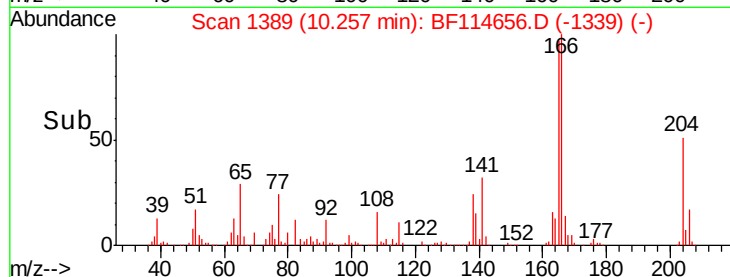
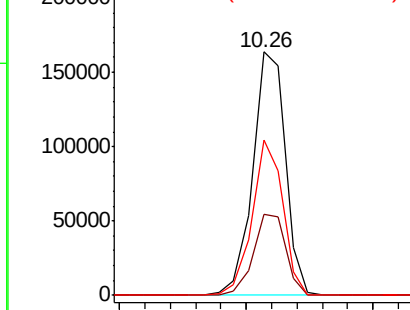


Abundance

Ion 204.00 (203.70 to 204.70): E

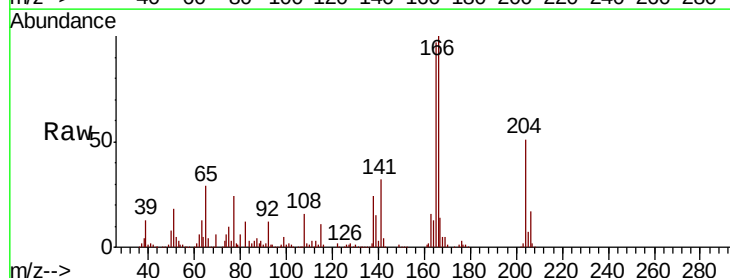
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 4.732 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.02 min
 Lab File: BF114656.D
 Acq: 30 May 2019 13:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	28.0	68.0
108	66.0	48.4	88.4

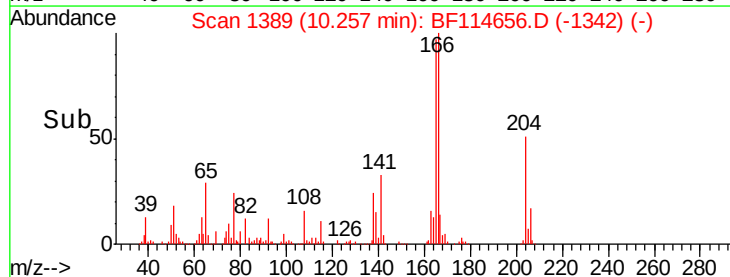
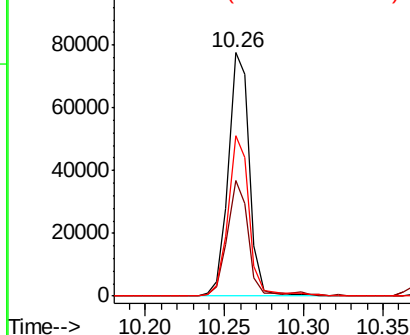


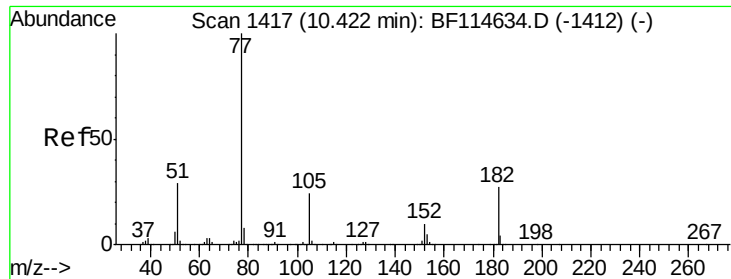
Abundance

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: 5.765 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 296363

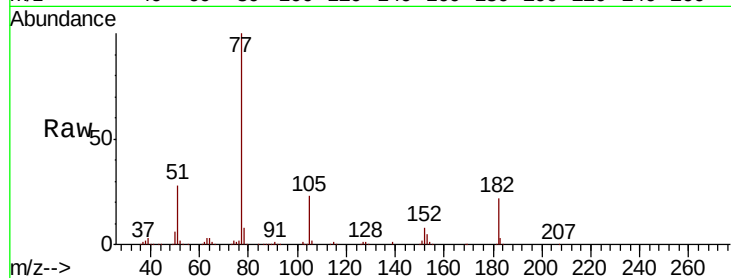
Ion Ratio Lower Upper

77 100

182 22.5 7.0 47.0

105 22.7 3.7 43.7

51 27.8 9.1 49.1

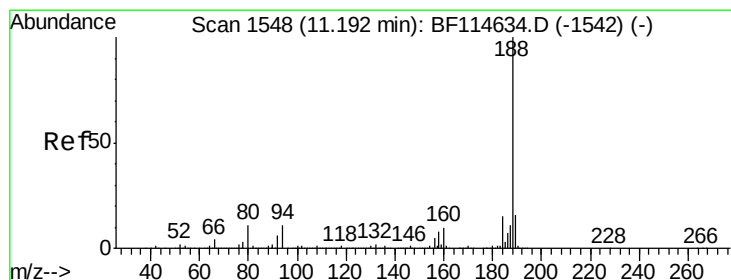
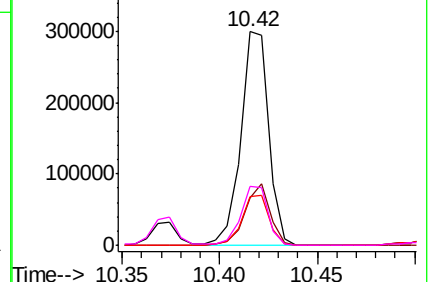
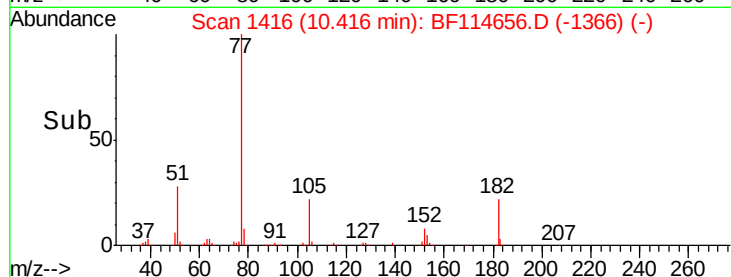


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

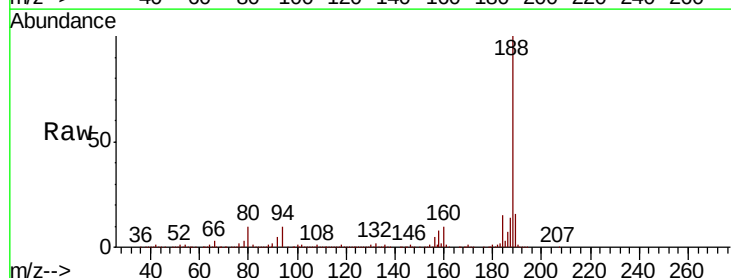
Tgt Ion: 188 Resp: 1488563

Ion Ratio Lower Upper

188 100

94 9.9 8.6 13.0

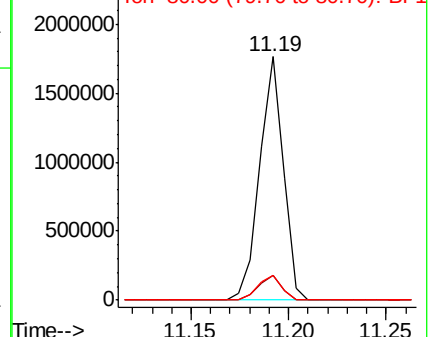
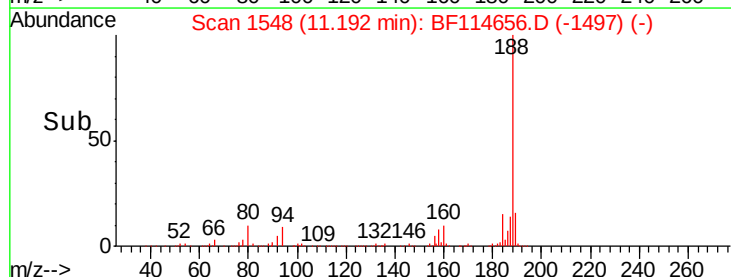
80 10.1 9.0 13.6

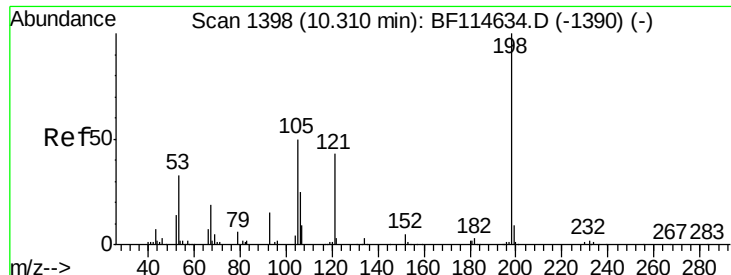


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 3.628 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampleId :

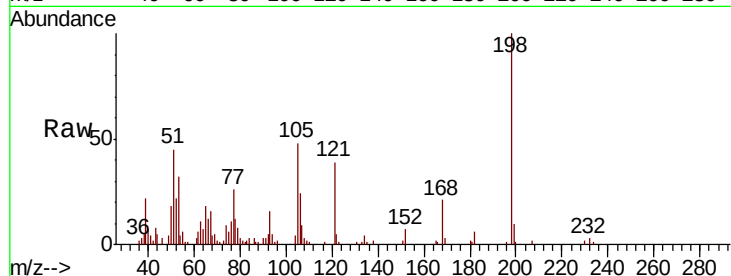
Tot Ion:198 Resp: 23949

Ion Ratio Lower Upper

198 100

51 44.6 29.0 69.0

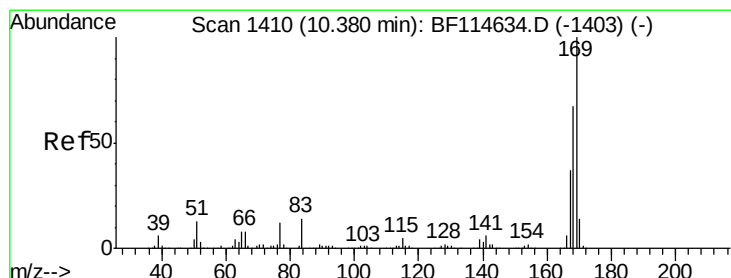
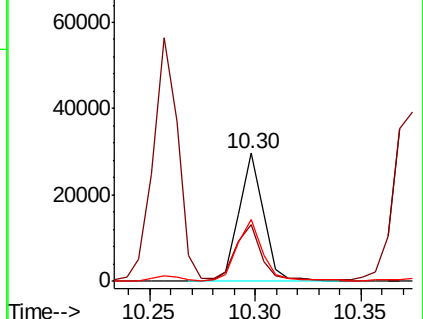
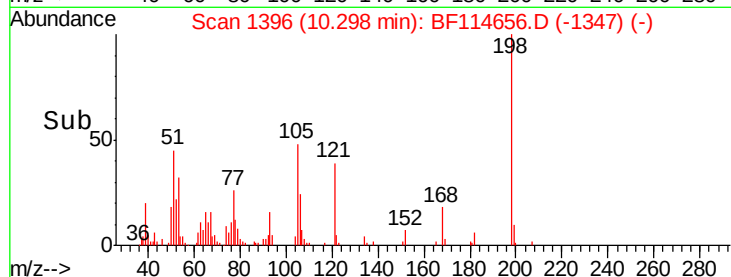
105 48.0 30.4 70.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 6.038 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

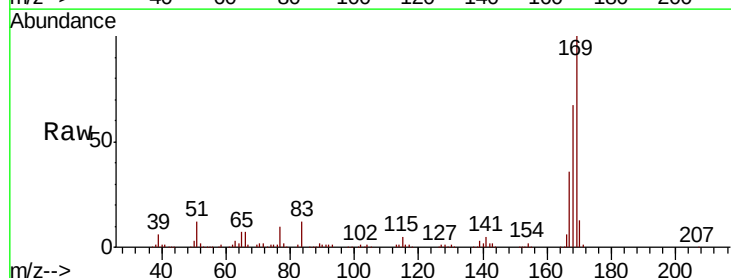
Tgt Ion:169 Resp: 265562

Ion Ratio Lower Upper

169 100

168 66.7 53.8 80.8

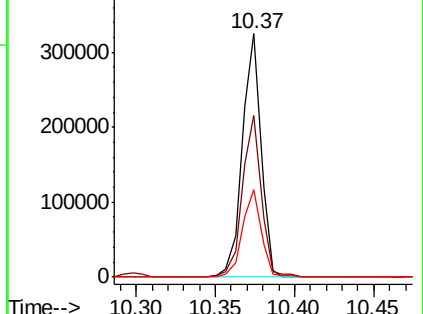
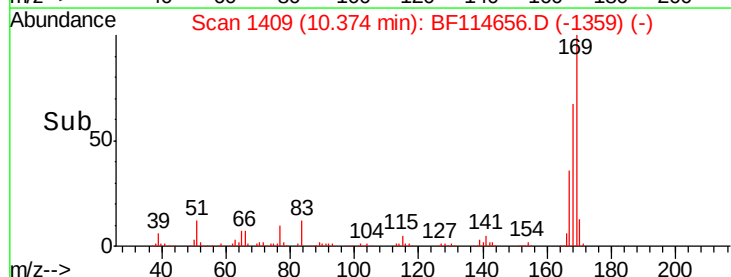
167 35.8 29.8 44.6

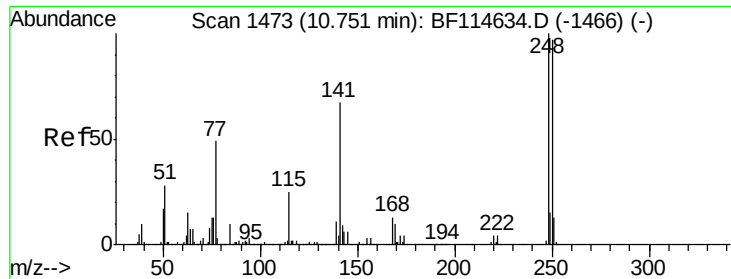


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

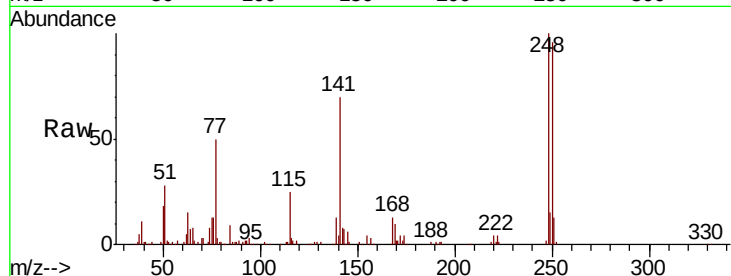




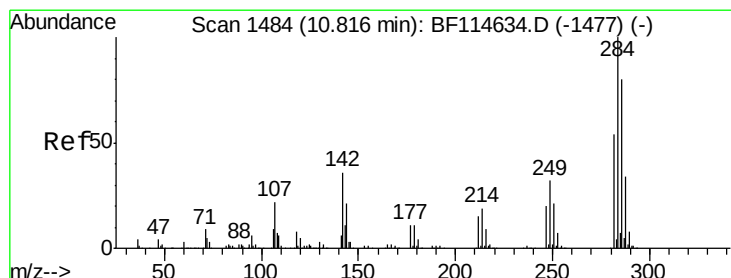
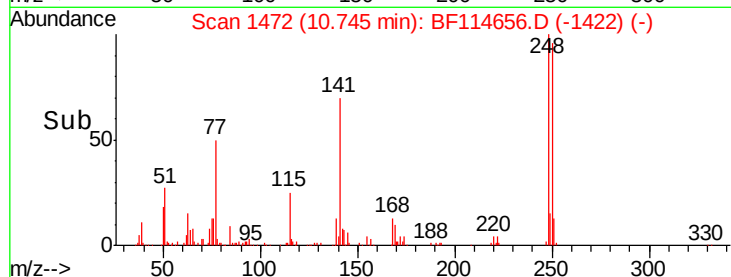
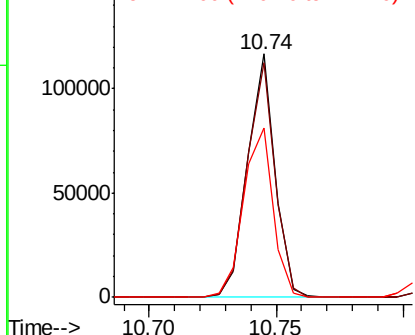
#67
4-Bromophenyl-phenylether
Concen: 5.530 ng
RT: 10.74 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 88277
Ion Ratio Lower Upper
248 100
250 96.3 78.0 117.0
141 69.6 53.8 80.8

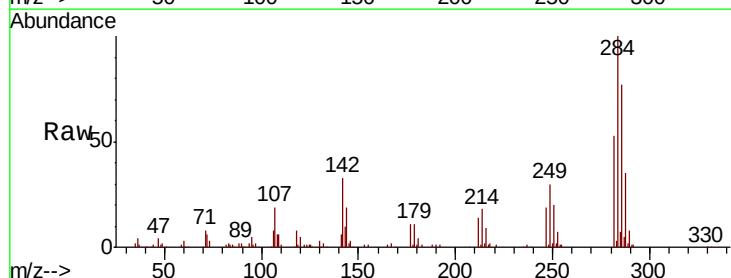


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

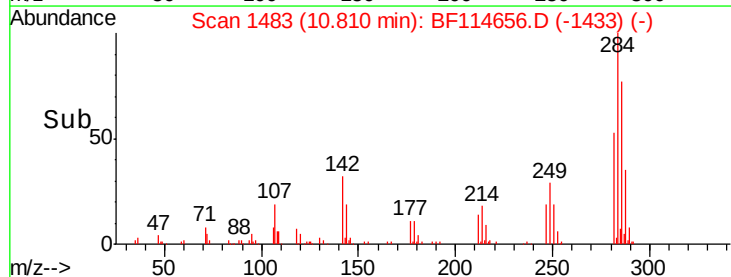
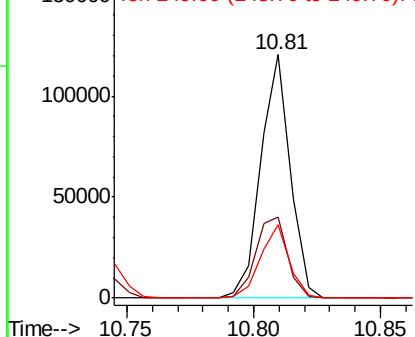


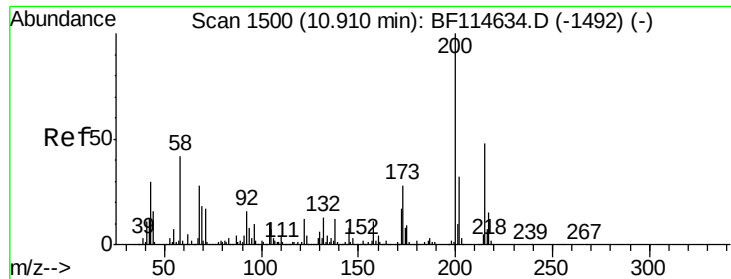
#68
Hexachlorobenzene
Concen: 5.633 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Tgt Ion:284 Resp: 97396
Ion Ratio Lower Upper
284 100
142 33.0 28.9 43.3
249 30.0 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

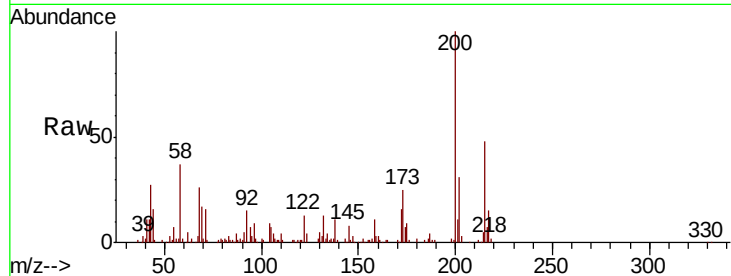




#69
 Atrazine
 Concen: 5.514 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF114656.D
 Acq: 30 May 2019 13:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	7.9	47.9
215	47.7	27.8	67.8

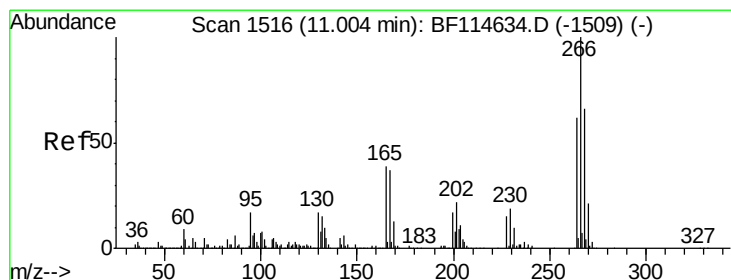
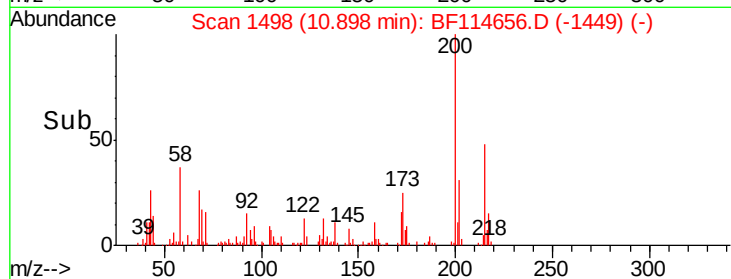
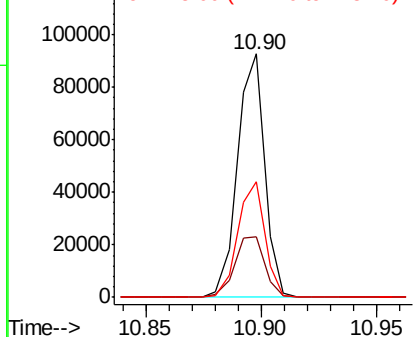


Abundance

Ion 200.00 (199.70 to 200.70): E

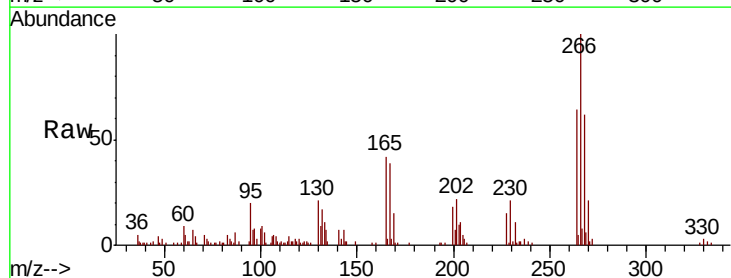
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 4.555 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BF114656.D
 Acq: 30 May 2019 13:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	52.8	79.2
264	63.5	49.9	74.9

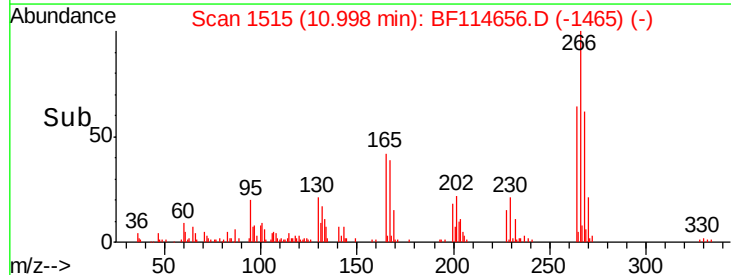
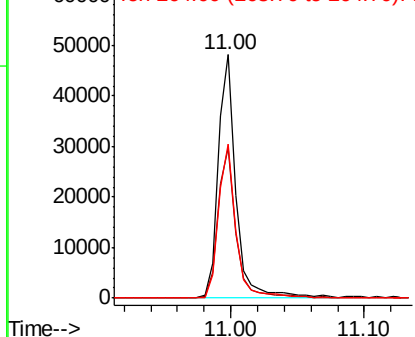


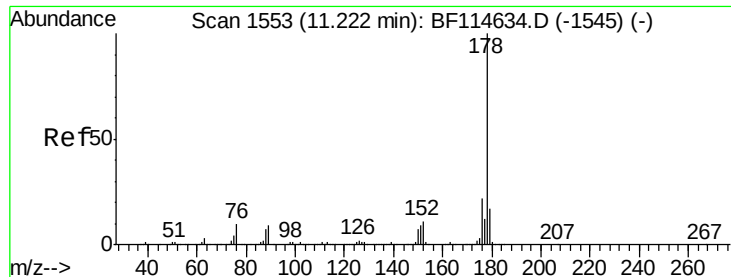
Abundance

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

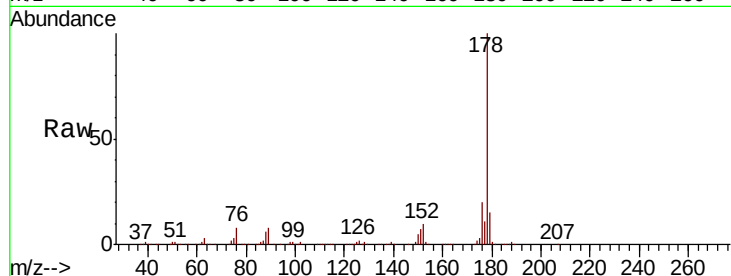




#71
Phenanthrene
Concen: 6.076 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	17.2	25.8
179	15.2	13.9	20.9

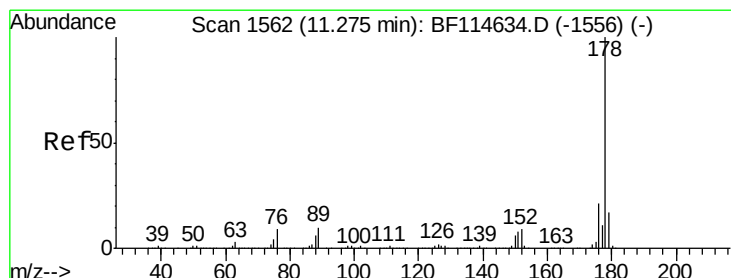
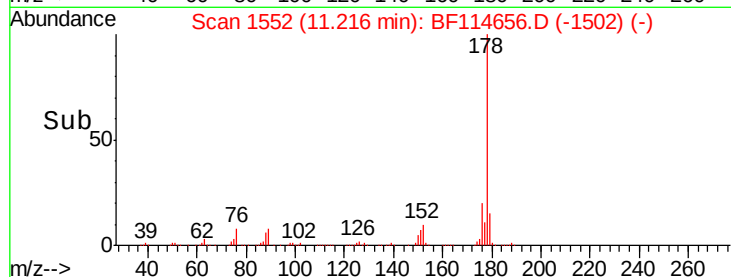
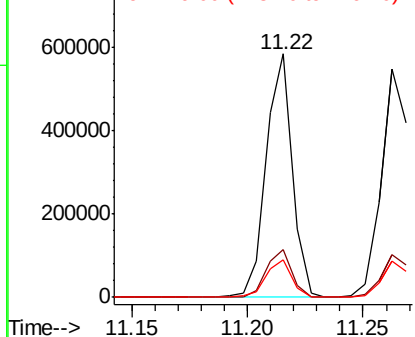


Abundance

Ion 178.00 (177.70 to 178.70): E

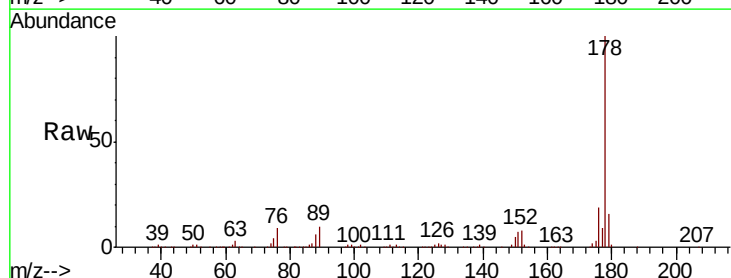
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 6.069 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.6	24.8
179	15.7	13.4	20.0

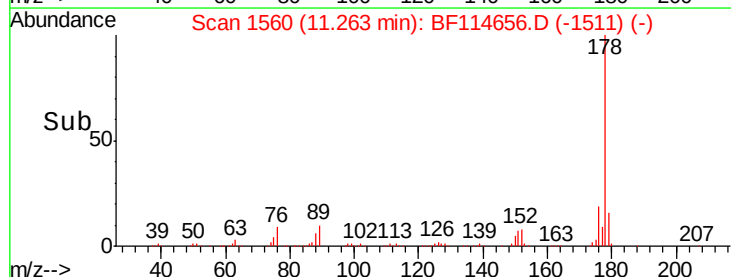
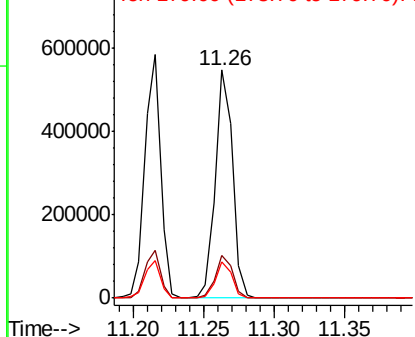


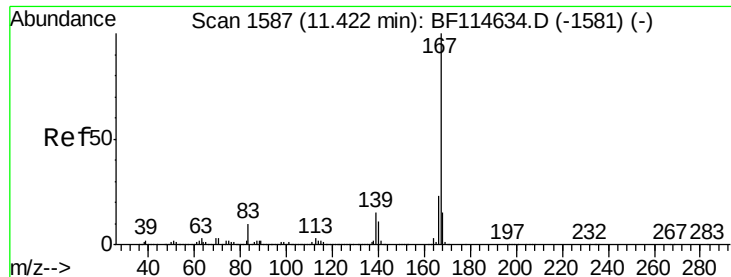
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

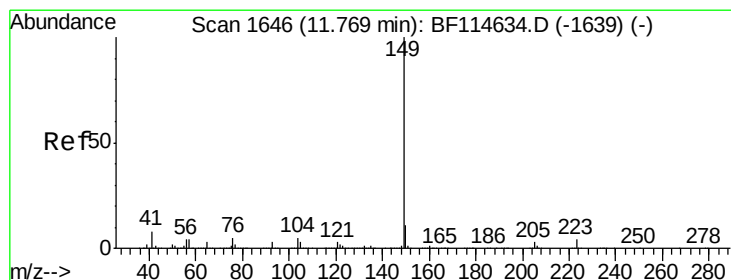
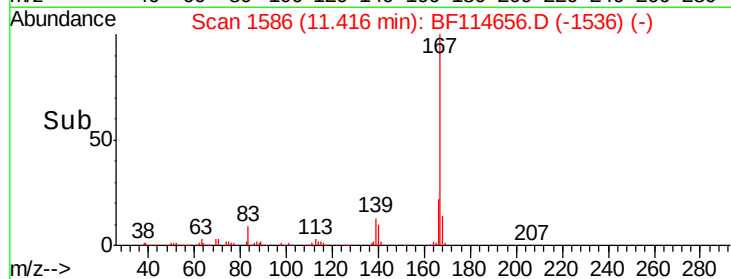
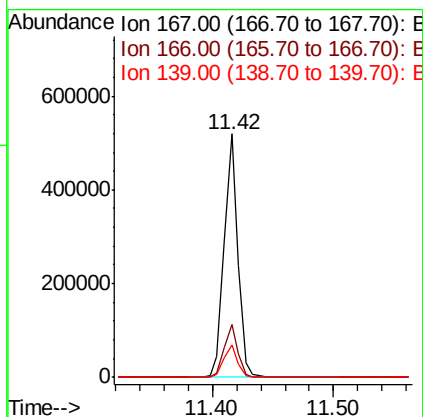
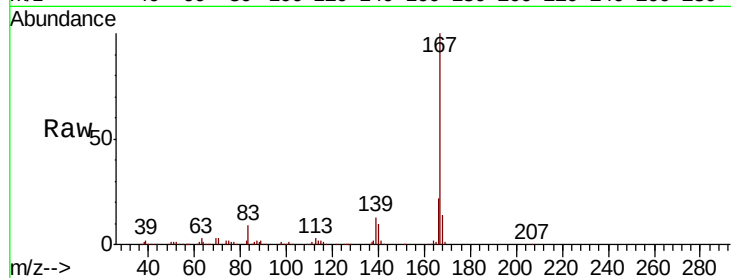




#73
 Carbazole
 Concen: 6.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF114656.D
 Acq: 30 May 2019 13:08

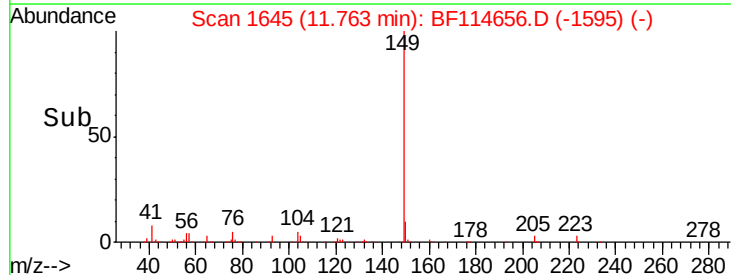
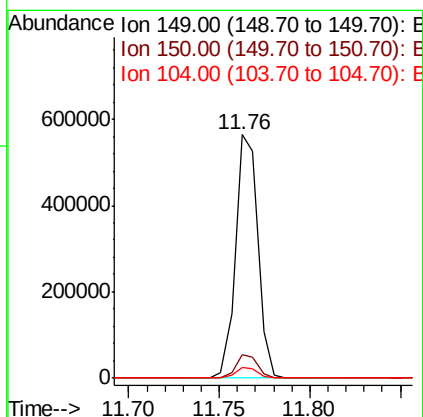
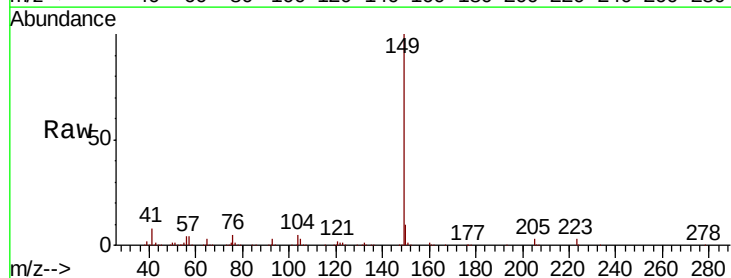
Instrument :
 BNA_F
 ClientSampleId :

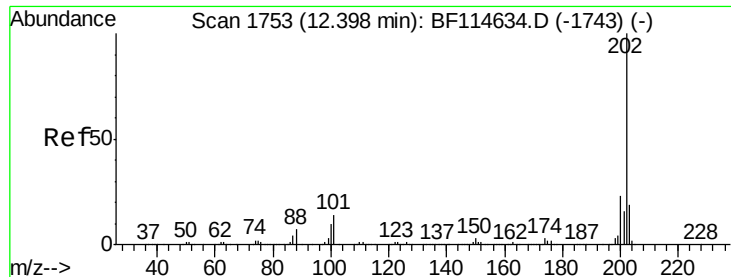
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.7	28.1
139	13.4	11.8	17.8



#74
 Di-n-butylphthalate
 Concen: 5.895 ng
 RT: 11.76 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BF114656.D
 Acq: 30 May 2019 13:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.6	12.8
104	4.6	4.3	6.5





#75

Fluoranthene

Concen: 5.878 ng

RT: 12.39 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BF114656.D

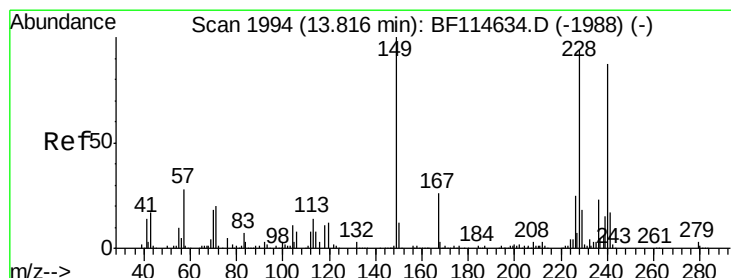
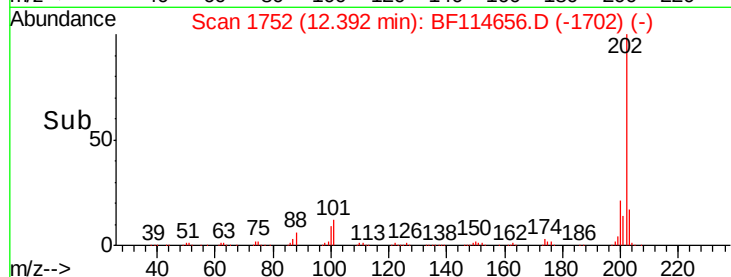
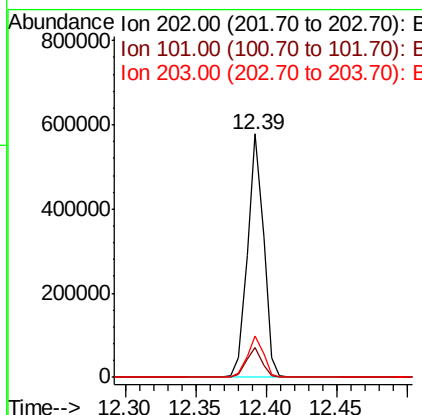
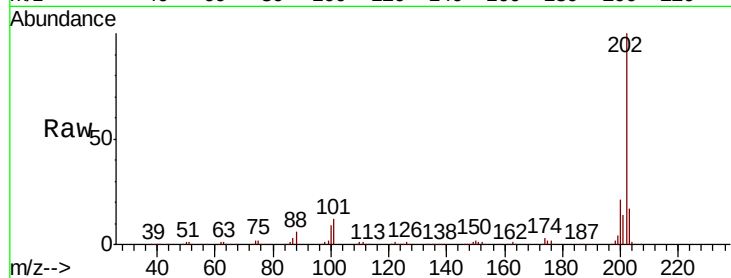
Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	202	Resp:	462194
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.9
203	17.0	0.0	39.1



#76

Chrysene-d12

Concen: 20.000 ng

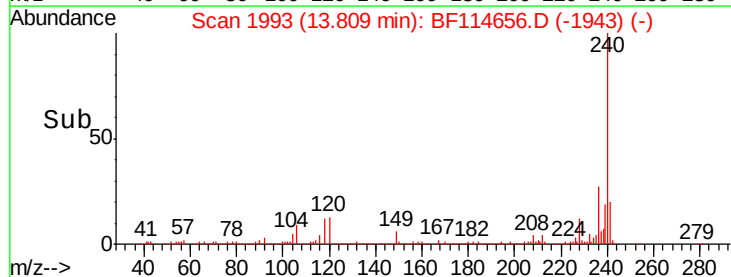
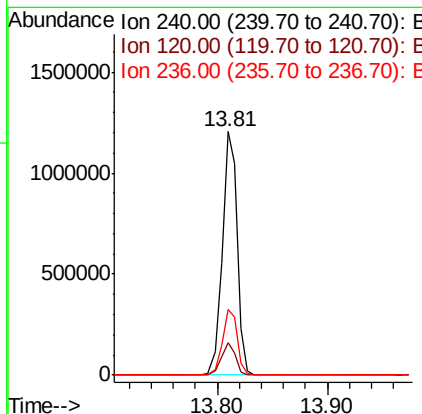
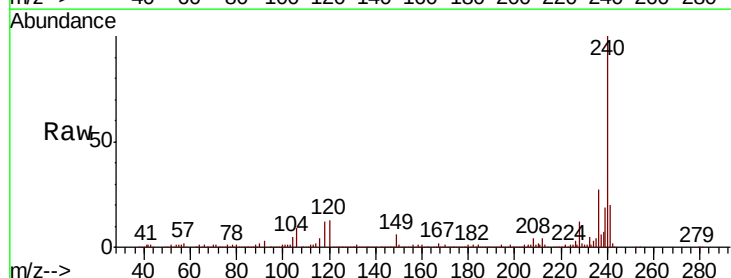
RT: 13.81 min Scan# 1993

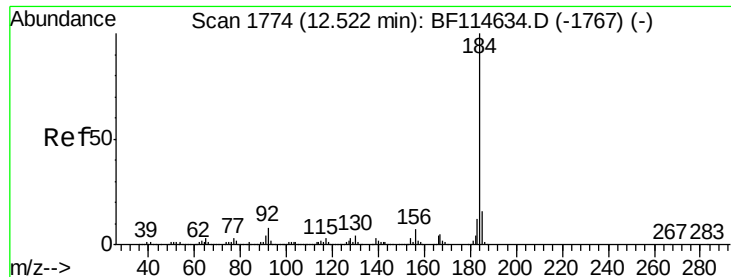
Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Tgt Ion:	240	Resp:	1126995
Ion	Ratio	Lower	Upper
240	100		
120	13.5	11.2	16.8
236	26.9	21.2	31.8





#77

Benzidine

Concen: 5.124 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampleId :

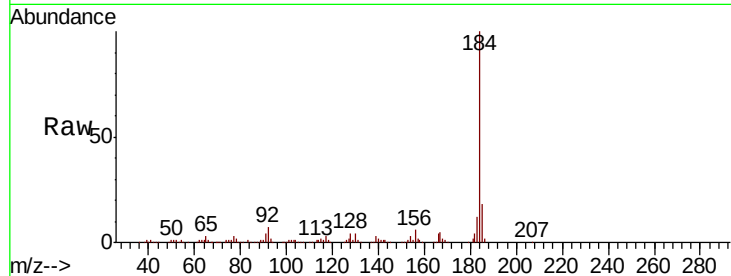
Tot Ion:184 Resp: 237783

Ion Ratio Lower Upper

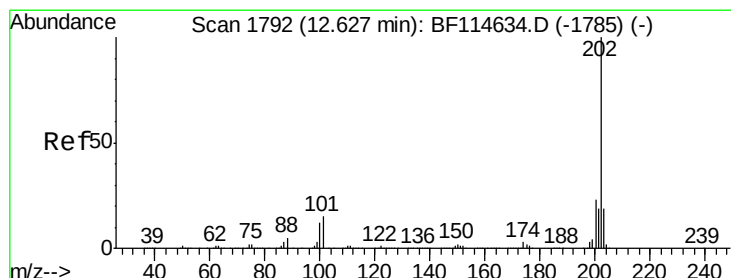
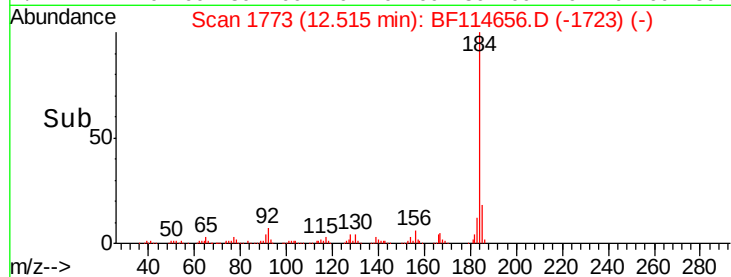
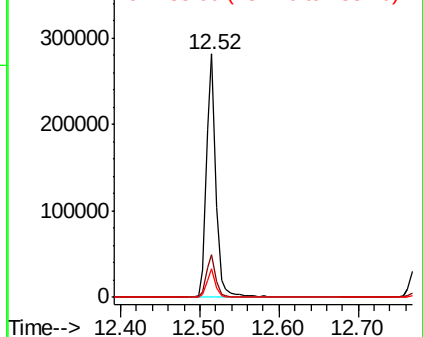
184 100

185 17.7 12.6 18.8

183 11.8 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: 4.915 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

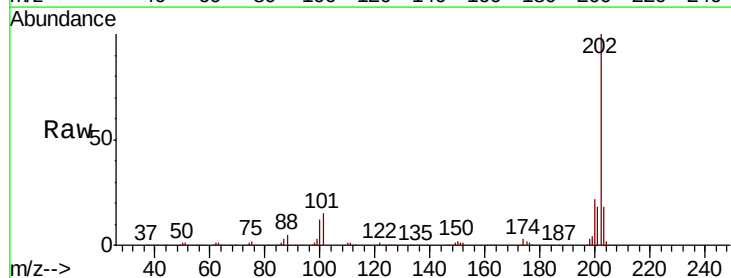
Tgt Ion:202 Resp: 468548

Ion Ratio Lower Upper

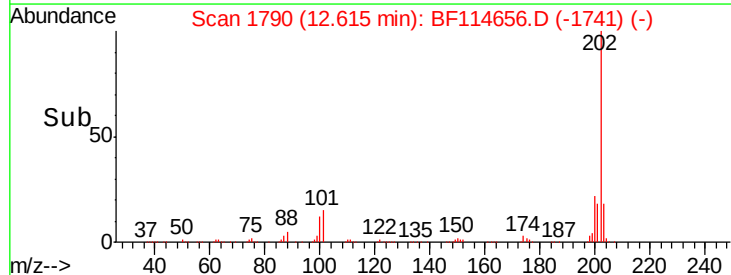
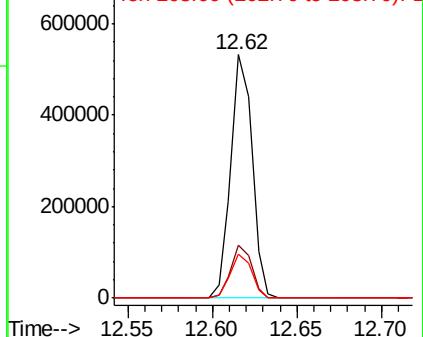
202 100

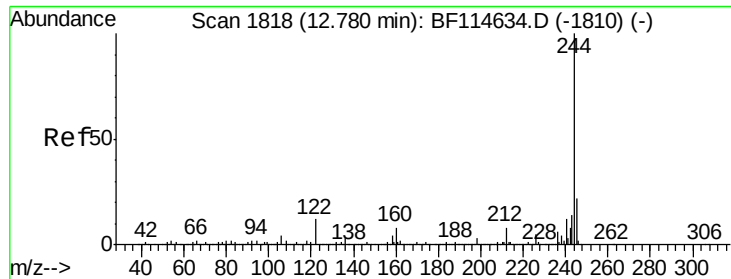
200 21.8 18.6 28.0

203 18.0 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: 66.616 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampled :

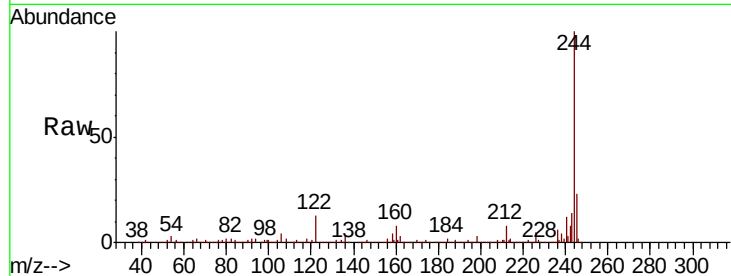
Tot Ion:244 Resp: 3993089

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.1	9.1
122	12.5	9.8	14.8

244 100

212 8.0 6.1 9.1

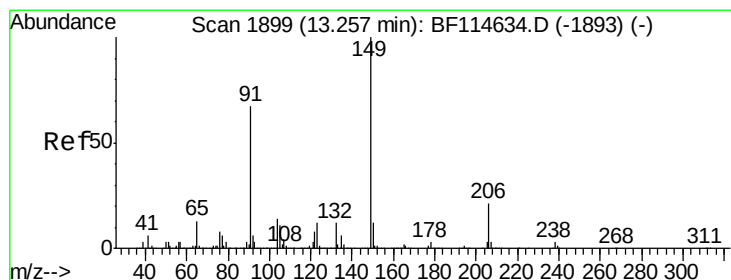
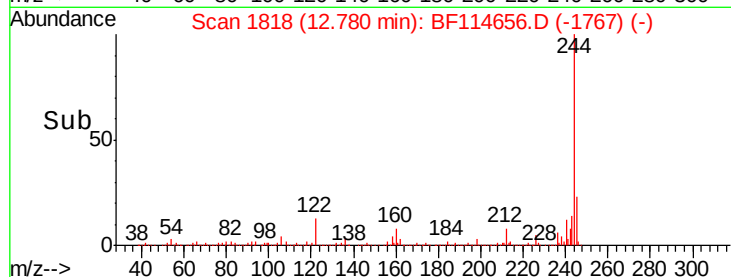
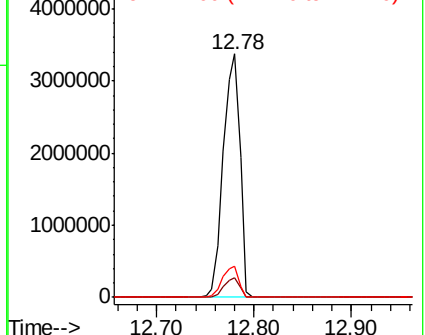
122 12.5 9.8 14.8



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: 3.921 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

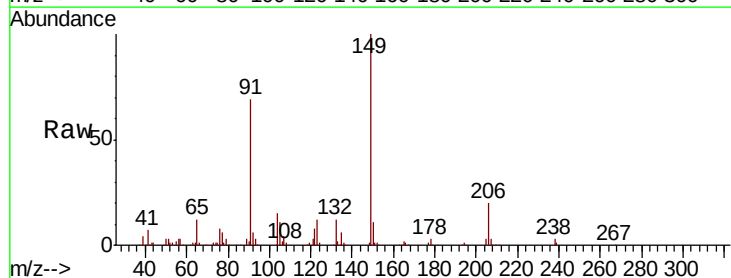
Tgt Ion:149 Resp: 187848

Ion	Ratio	Lower	Upper
149	100		
91	68.6	53.8	80.8
206	20.1	16.9	25.3

149 100

91 68.6 53.8 80.8

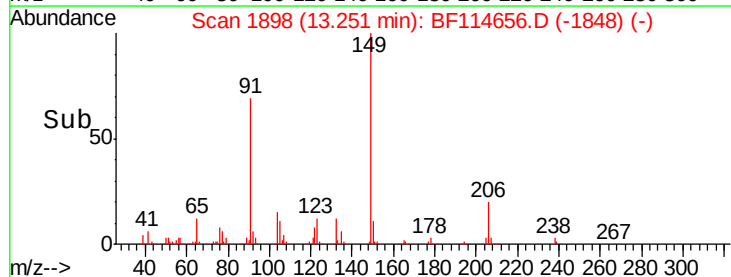
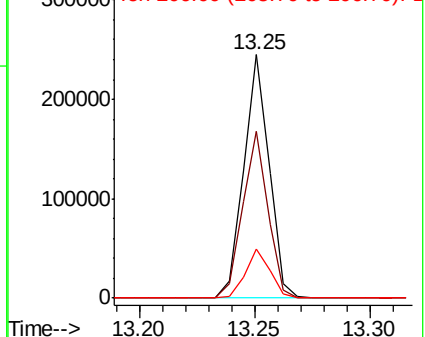
206 20.1 16.9 25.3

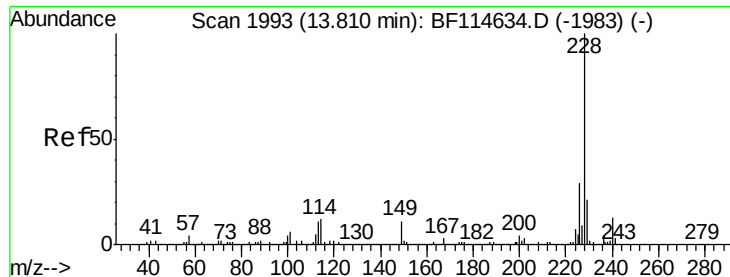


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 4.920 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampleId :

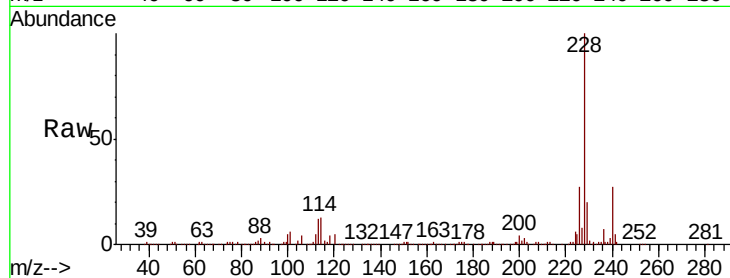
Tot Ion:228 Resp: 426114

Ion	Ratio	Lower	Upper
228	100		
226	26.7	23.0	34.6
229	20.4	17.0	25.4

228 100

226 26.7 23.0 34.6

229 20.4 17.0 25.4

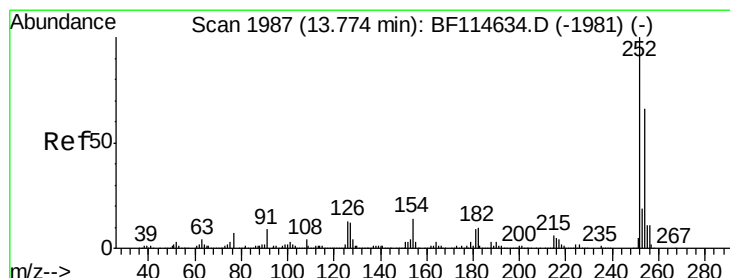
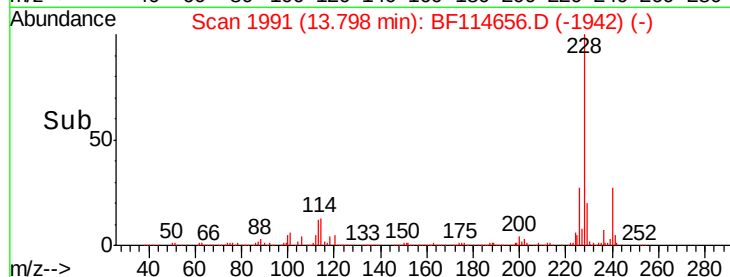
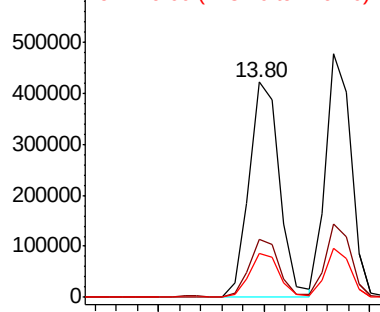


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 4.527 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

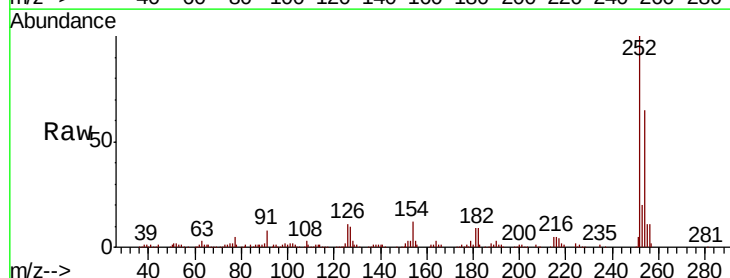
Tgt Ion:252 Resp: 151398

Ion	Ratio	Lower	Upper
252	100		
254	65.1	53.1	79.7
126	10.6	10.2	15.2

252 100

254 65.1 53.1 79.7

126 10.6 10.2 15.2

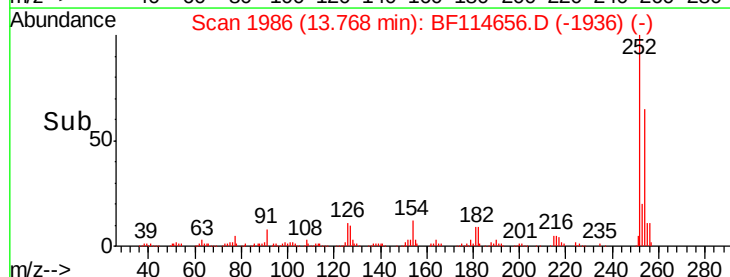
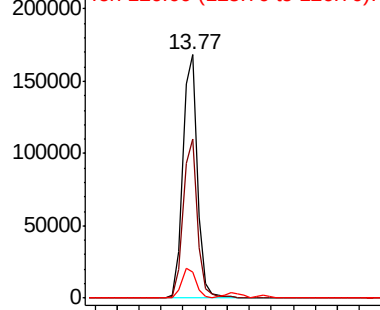


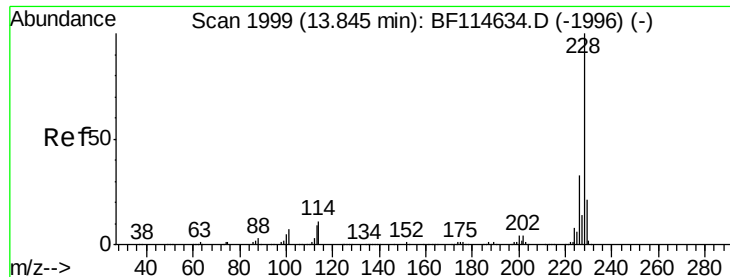
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 4.898 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampleId :

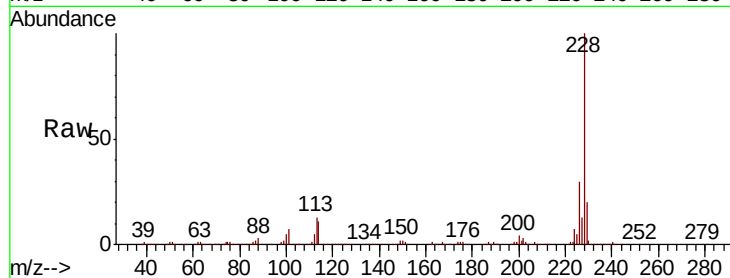
Tot Ion:228 Resp: 405268

Ion Ratio Lower Upper

228 100

226 30.1 26.4 39.6

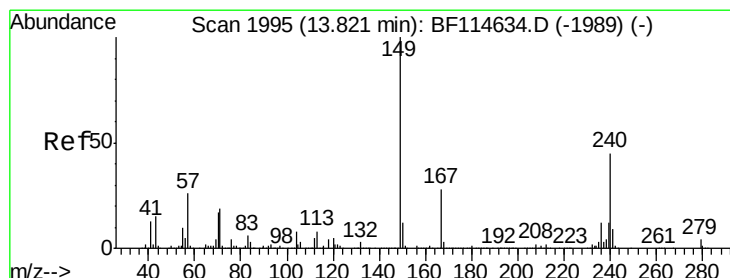
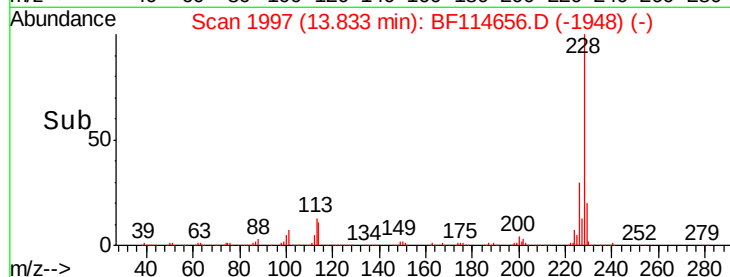
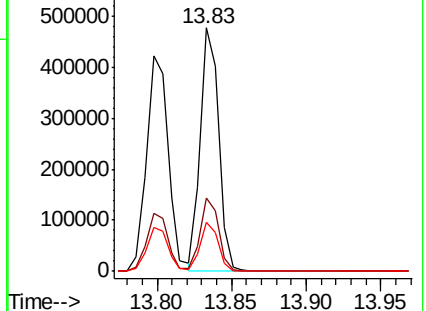
229 19.9 17.1 25.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.527 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

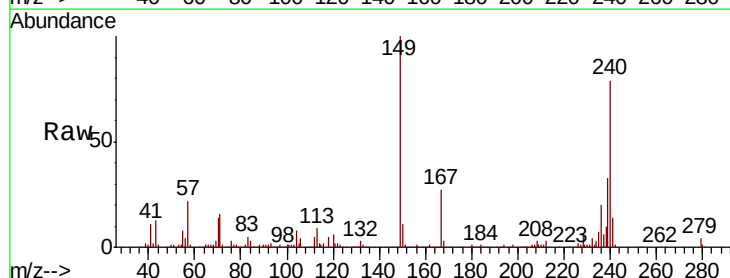
Tgt Ion:149 Resp: 268164

Ion Ratio Lower Upper

149 100

167 27.1 22.6 33.8

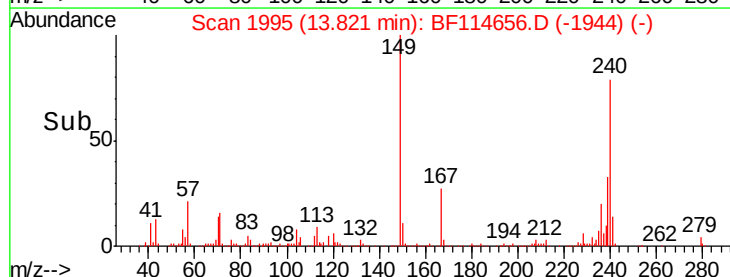
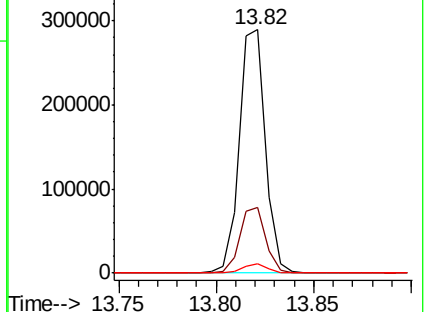
279 4.1 3.0 4.4

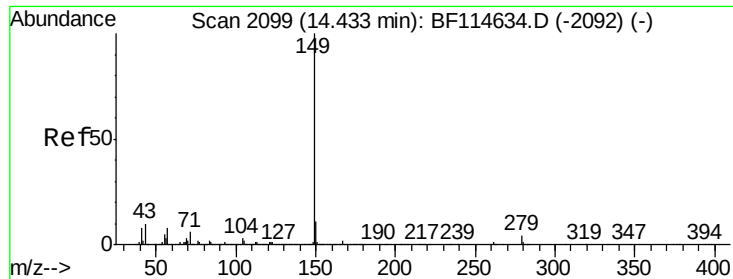


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

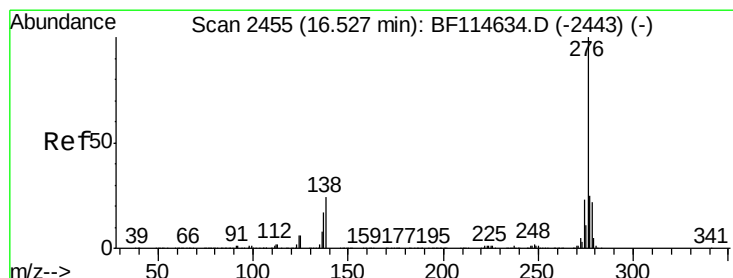
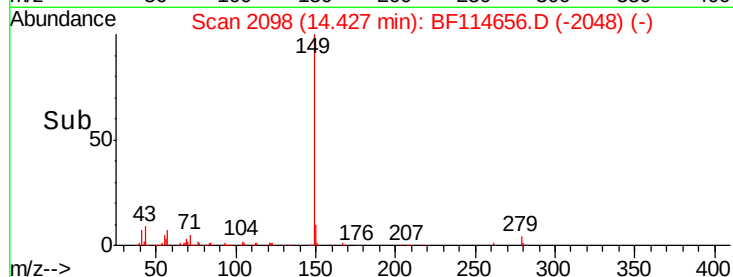
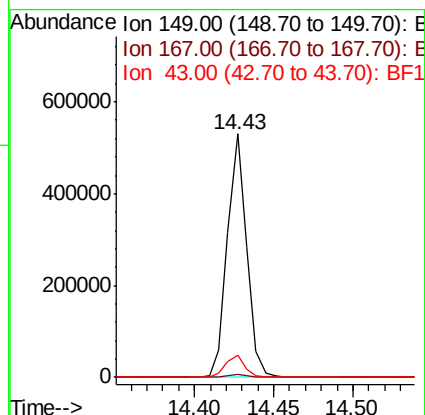
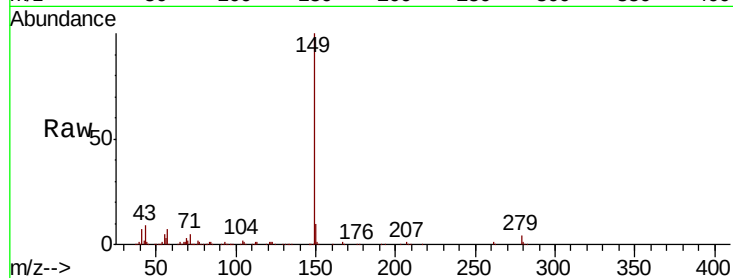




#85
Di-n-octyl phthalate
Concen: 4.343 ng
RT: 14.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

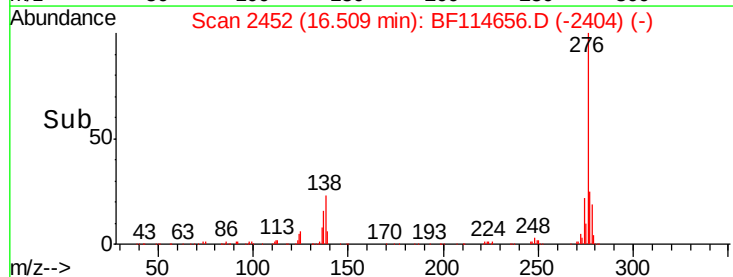
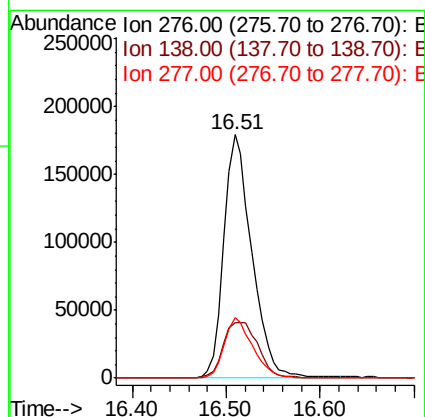
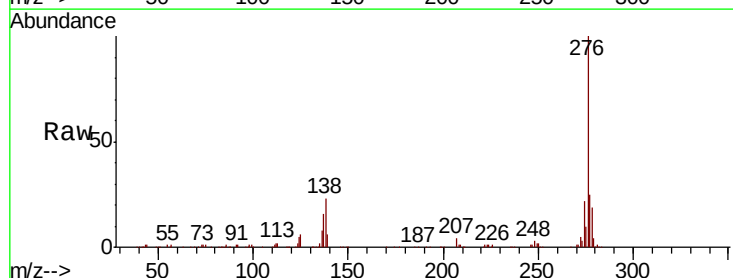
Instrument :
BNA_F
ClientSampleId :

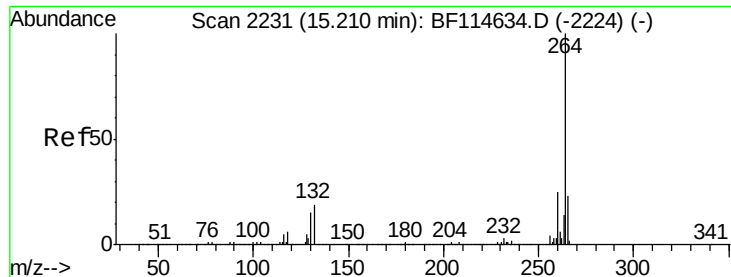
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.3	8.0	12.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 4.517 ng
RT: 16.51 min Scan# 2452
Delta R.T. -0.02 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.3	23.0	34.6
277	25.3	20.5	30.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

Instrument :

BNA_F

ClientSampleId :

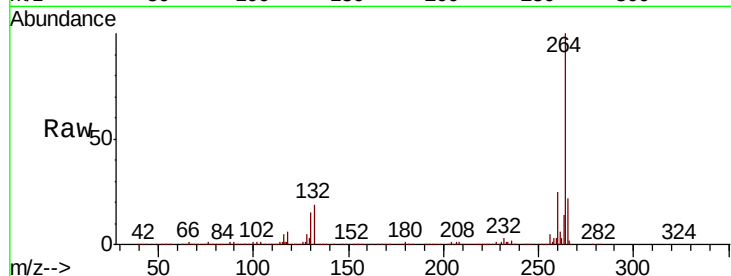
Tot Ion:264 Resp: 1192429

Ion Ratio Lower Upper

264 100

260 25.4 19.7 29.5

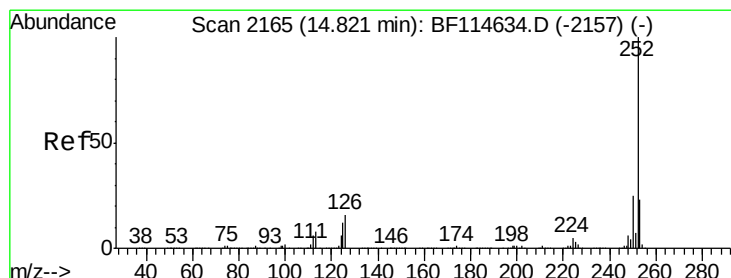
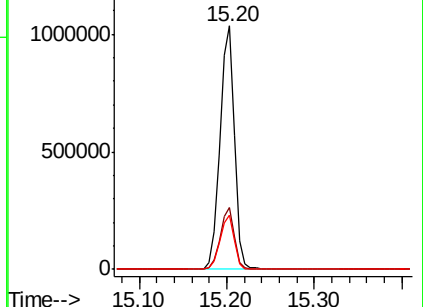
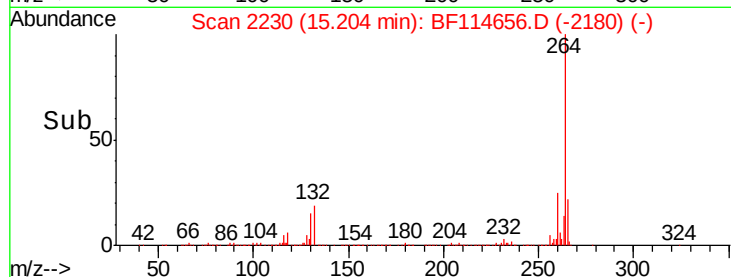
265 22.5 18.1 27.1



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: 5.276 ng

RT: 14.81 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BF114656.D

Acq: 30 May 2019 13:08

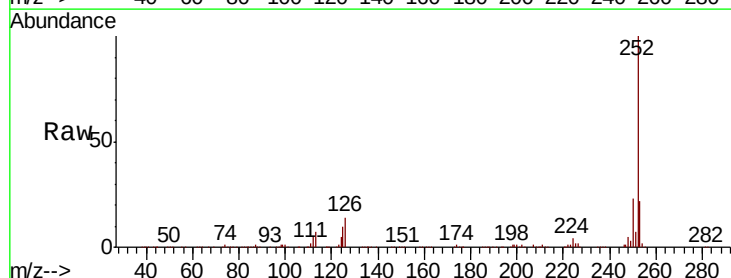
Tgt Ion:252 Resp: 396279

Ion Ratio Lower Upper

252 100

253 21.9 18.7 28.1

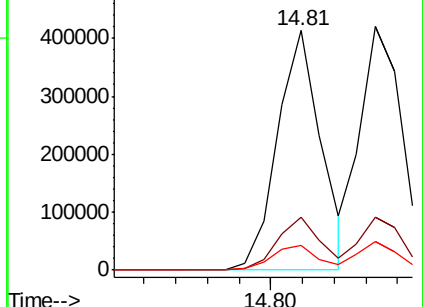
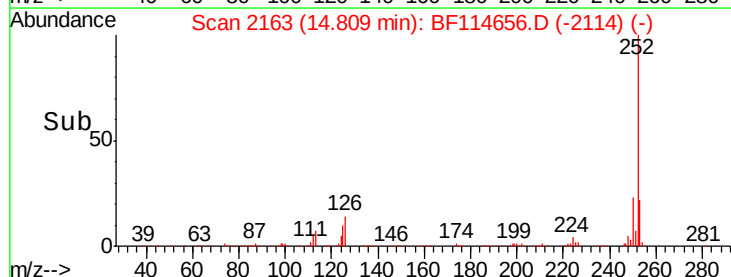
125 10.3 9.4 14.2

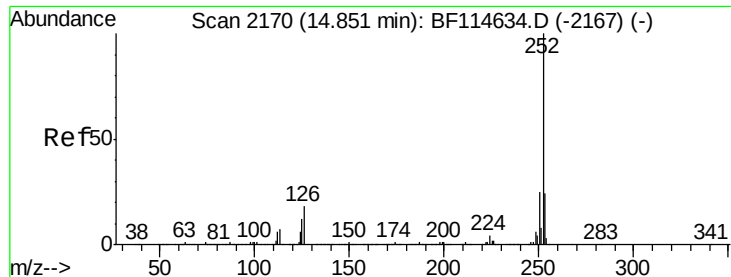


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

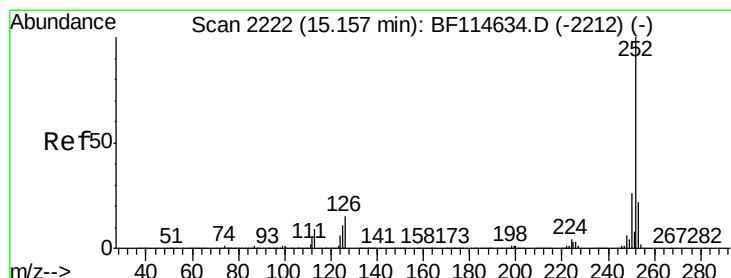
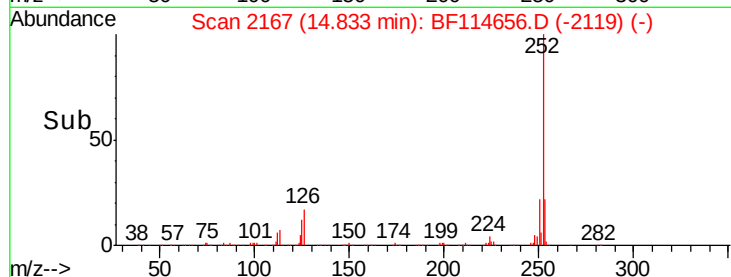
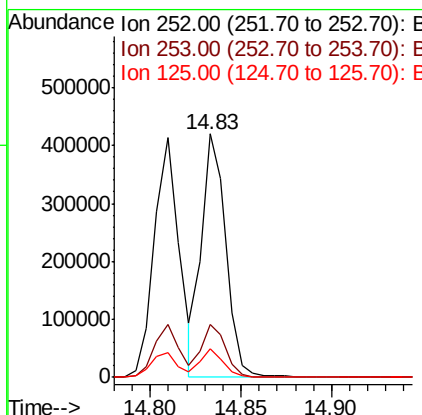
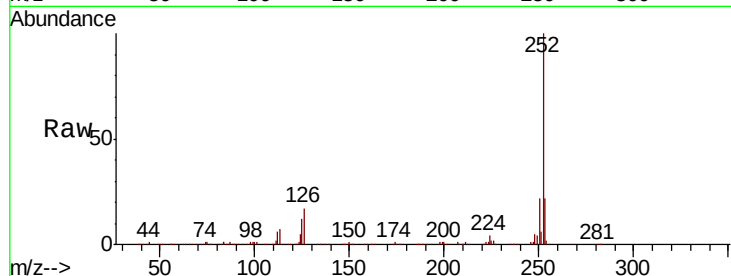




#89
Benzo(k)fluoranthene
Concen: 5.988 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

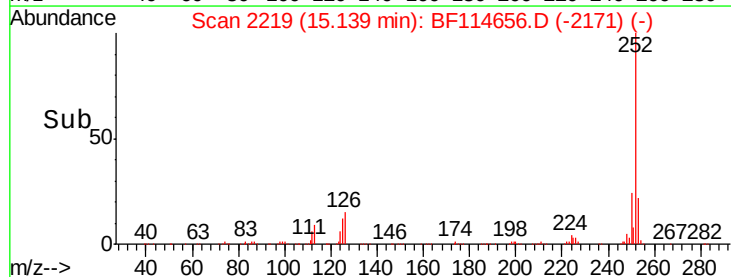
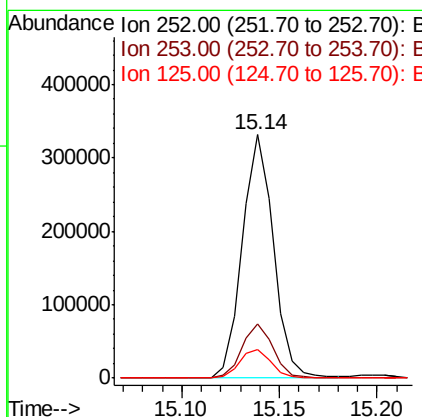
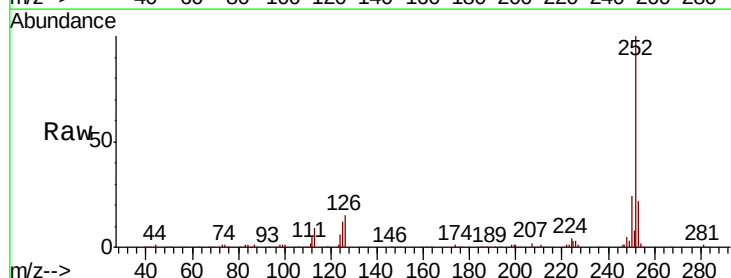
Instrument :
BNA_F
ClientSampled :

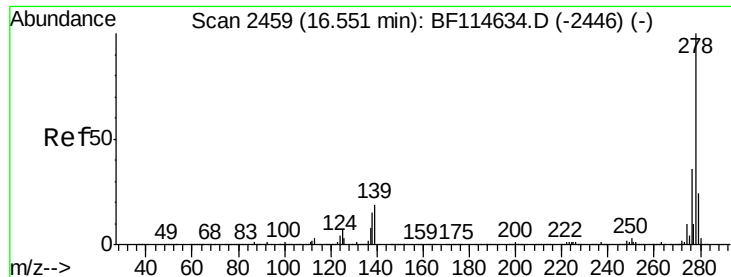
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.9	28.3
125	11.9	9.5	14.3



#90
Benzo(a)pyrene
Concen: 5.571 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.7	9.2	13.8

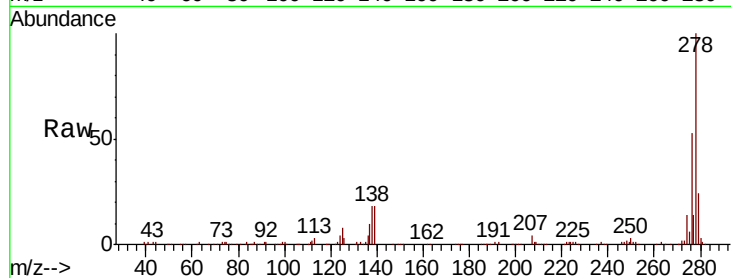




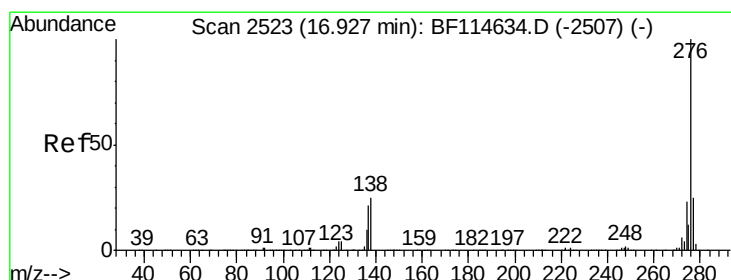
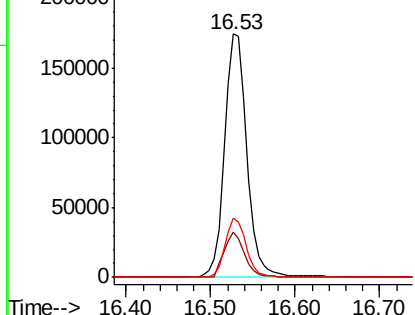
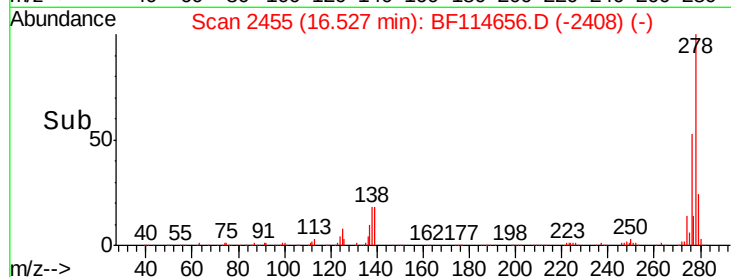
#91
Dibenzo(a,h)anthracene
Concen: 5.447 ng
RT: 16.53 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.9	22.3
279	24.2	19.5	29.3

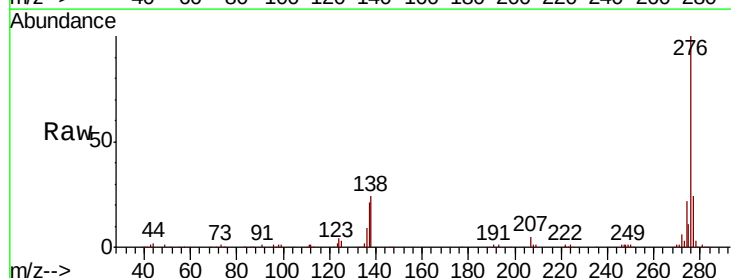


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 5.297 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.02 min
Lab File: BF114656.D
Acq: 30 May 2019 13:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.7	29.5
138	23.6	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

