

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114658.D
 Acq On : 30 May 2019 14:00
 Operator : HP/JU
 Sample : PB118819BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 31 05:43:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	508008	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1993551	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	980098	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1822559	20.00	ng	0.00
76) Chrysene-d12	13.82	240	1076375	20.00	ng	0.00
87) Perylene-d12	15.20	264	1161994	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	2930319	101.27	ng	0.03
7) Phenol-d6	6.34	99	3597687	103.18	ng	0.01
23) Nitrobenzene-d5	7.26	82	2582931	80.83	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	996422	106.70	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	4257372	80.81	ng	0.00
79) Terphenyl-d14	12.78	244	4329338	75.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	467443	33.664	ng	98
3) Pyridine	3.17	79	1309938	32.416	ng	98
4) n-Nitrosodimethylamine	3.12	42	536280	32.794	ng	96
6) Aniline	6.36	93	1183636	22.474	ng	95
8) 2-Chlorophenol	6.48	128	1197741	35.844	ng	97
9) Benzaldehyde	6.23	77	371126	13.185	ng	99
10) Phenol	6.35	94	1376850	32.688	ng	94
11) bis(2-Chloroethyl)ether	6.44	93	1119850	34.759	ng	96
12) 1,3-Dichlorobenzene	6.64	146	1289472	33.871	ng	99
13) 1,4-Dichlorobenzene	6.71	146	1299327	34.021	ng	98
14) 1,2-Dichlorobenzene	6.87	146	1175789	33.815	ng	99
15) Benzyl Alcohol	6.84	79	958530	34.949	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1639856	33.185	ng	99
17) 2-Methylphenol	6.96	107	1028259	36.382	ng	99
18) Hexachloroethane	7.21	117	487546	33.716	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	815959	33.903	ng	99
20) 3+4-Methylphenols	7.11	107	1125079	33.847	ng	89
22) Acetophenone	7.10	105	1592202	37.484	ng	# 98
24) Nitrobenzene	7.27	77	1242190	36.596	ng	98
25) Isophorone	7.52	82	2282612	35.595	ng	98
26) 2-Nitrophenol	7.59	139	652615	39.499	ng	99
27) 2,4-Dimethylphenol	7.64	122	1122237	40.840	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	1437106	35.205	ng	100
29) 2,4-Dichlorophenol	7.83	162	1050001	37.541	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	1159224	36.379	ng	100
31) Naphthalene	8.00	128	3295768	35.891	ng	99
32) Benzoic acid	7.77	122	803043	44.994	ng	97
33) 4-Chloroaniline	8.04	127	811483	18.549	ng	99
34) Hexachlorobutadiene	8.13	225	628708	35.516	ng	99
35) Caprolactam	8.42	113	200465	21.238	ng	98
36) 4-Chloro-3-methylphenol	8.53	107	1052463	37.522	ng	97
37) 2-Methylnaphthalene	8.69	142	2321477	38.050	ng	99
38) 1-Methylnaphthalene	8.79	142	2178546	37.687	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	944200	36.175	ng	99

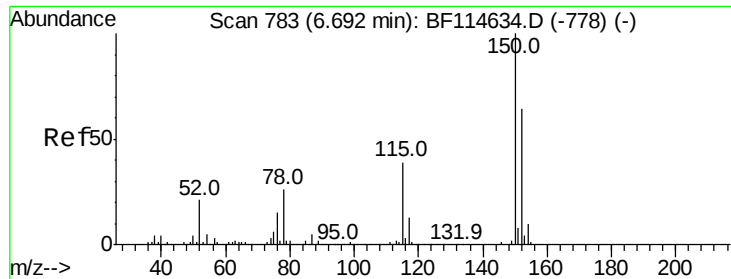
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114658.D
 Acq On : 30 May 2019 14:00
 Operator : HP/JU
 Sample : PB118819BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 31 05:43:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	1092460	63.339	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	775575	37.765	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	768378	37.493	ng	99
46) 1,1'-Biphenyl	9.15	154	2628742	36.132	ng	100
47) 2-Chloronaphthalene	9.17	162	2143978	35.925	ng	99
48) 2-Nitroaniline	9.26	65	628177	34.109	ng	99
49) Acenaphthylene	9.59	152	3185226	34.548	ng	98
50) Dimethylphthalate	9.46	163	2379999	34.849	ng	99
51) 2,6-Dinitrotoluene	9.51	165	582544	36.709	ng	98
52) Acenaphthene	9.76	154	2229706	39.434	ng	99
53) 3-Nitroaniline	9.67	138	408892	21.053	ng	98
54) 2,4-Dinitrophenol	9.78	184	540978	86.425	ng	95
55) Dibenzofuran	9.93	168	2814832	34.973	ng	98
56) 4-Nitrophenol	9.84	139	994739	69.113	ng	91
57) 2,4-Dinitrotoluene	9.91	165	759670	37.300	ng	93
58) Fluorene	10.27	166	1939511	33.955	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	636745	37.959	ng	99
60) Diethylphthalate	10.16	149	2378644	34.101	ng	98
61) 4-Chlorophenyl-phenylether	10.26	204	974881	33.829	ng	100
62) 4-Nitroaniline	10.29	138	593135	31.340	ng	99
63) Azobenzene	10.42	77	2206315	34.452	ng	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	321222	39.748	ng	84
66) n-Nitrosodiphenylamine	10.38	169	1966027	36.511	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	686758	35.138	ng	98
68) Hexachlorobenzene	10.82	284	736849	34.808	ng	100
69) Atrazine	10.91	200	606883	33.840	ng	99
70) Pentachlorophenol	11.00	266	853281	69.925	ng	97
71) Phenanthrene	11.22	178	3066879	32.987	ng	99
72) Anthracene	11.27	178	3094372	32.885	ng	98
73) Carbazole	11.42	167	2817339	34.068	ng	99
74) Di-n-butylphthalate	11.77	149	3321188	30.519	ng	99
75) Fluoranthene	12.40	202	3117261	32.380	ng	99
77) Benzidine	12.52	184	1139236	25.703	ng	100
78) Pyrene	12.63	202	3129947	34.375	ng	98
80) Butylbenzylphthalate	13.26	149	1528715	33.407	ng	100
81) Benzo(a)anthracene	13.81	228	2812818	34.006	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	918407	28.751	ng	98
83) Chrysene	13.84	228	2724696	34.478	ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1862784	32.927	ng	99
85) Di-n-octyl phthalate	14.43	149	3316622	33.742	ng	98
86) Indeno(1,2,3-cd)pyrene	16.53	276	2701328	34.129	ng	100
88) Benzo(b)fluoranthene	14.82	252	3031699	41.424	ng	99
89) Benzo(k)fluoranthene	14.84	252	2446917	38.466	ng	99
90) Benzo(a)pyrene	15.15	252	2641759	41.089	ng	98
91) Dibenzo(a,h)anthracene	16.54	278	2254562	39.683	ng	99
92) Benzo(g,h,i)perylene	16.92	276	2222662	40.308	ng	99

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

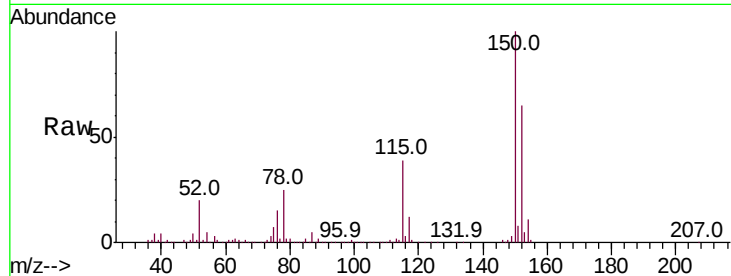


#1

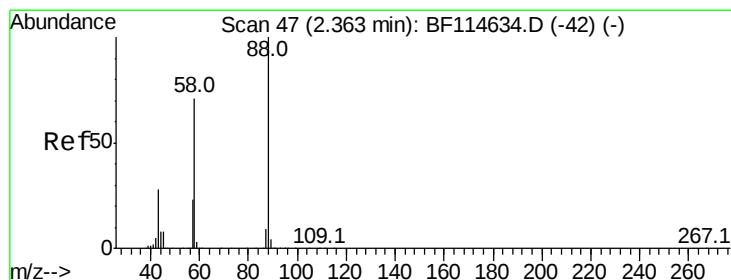
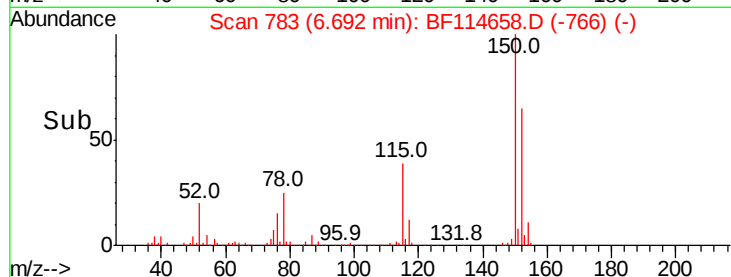
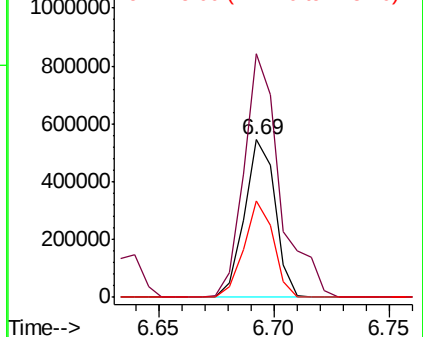
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 508008
Ion Ratio Lower Upper
152 100
150 154.7 124.4 186.6
115 60.9 48.7 73.1



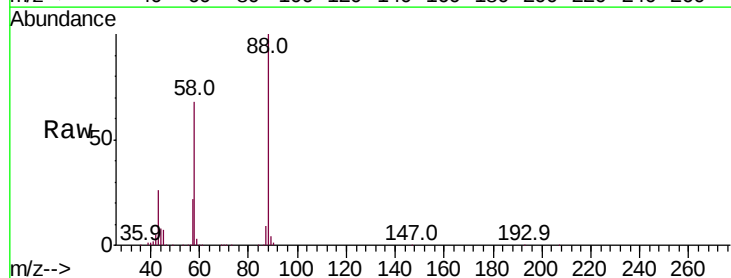
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



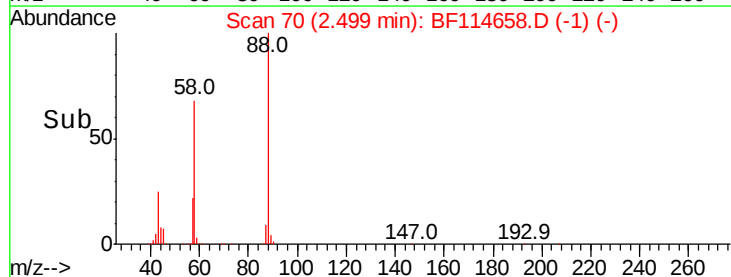
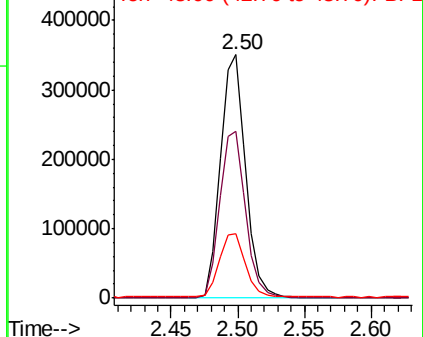
#2

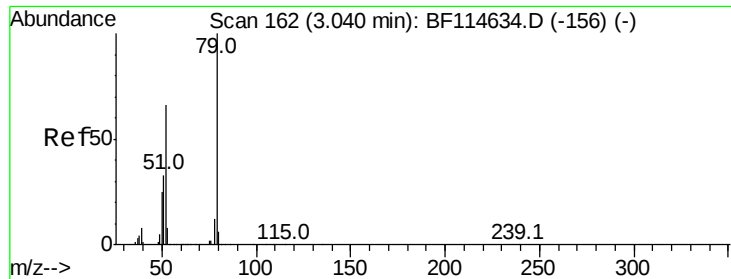
1,4-Dioxane
Concen: 33.664 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.14 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion: 88 Resp: 467443
Ion Ratio Lower Upper
88 100
58 70.0 57.2 85.8
43 27.2 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: 32.416 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.13 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

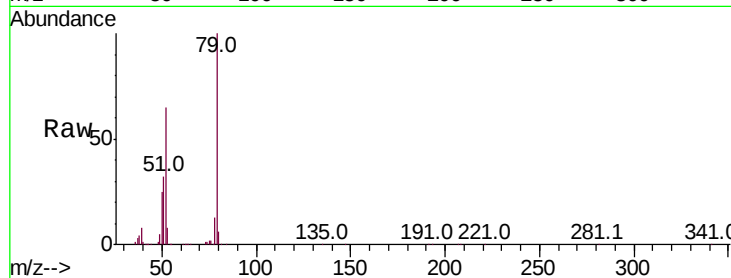
Tot Ion: 79 Resp: 1309938

Ion Ratio Lower Upper

79 100

52 64.8 52.8 79.2

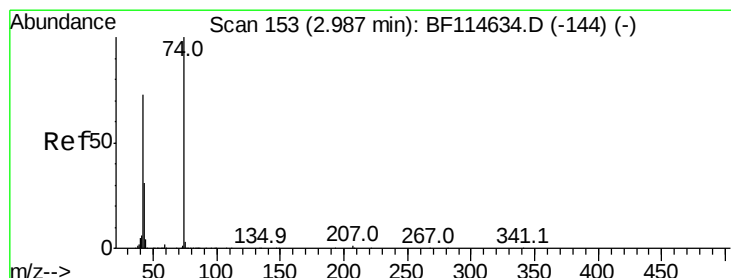
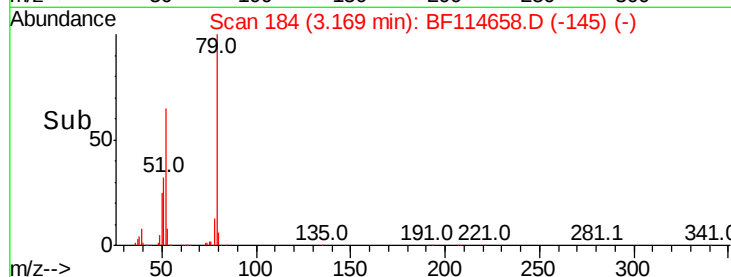
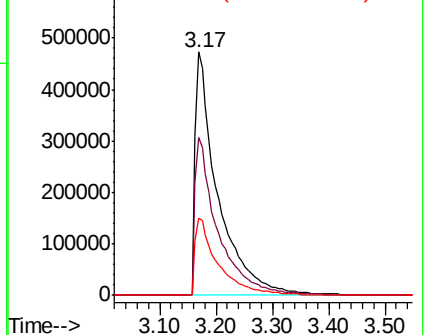
51 31.9 26.3 39.5



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: 32.794 ng

RT: 3.12 min Scan# 175

Delta R.T. 0.13 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

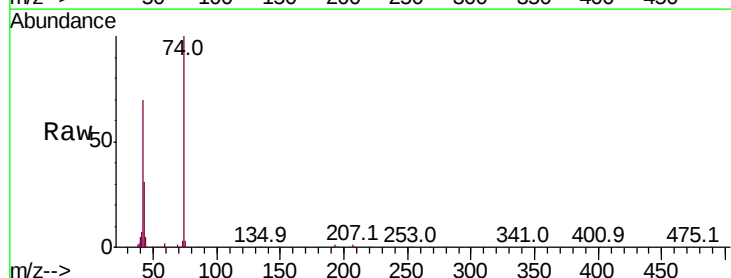
Tgt Ion: 42 Resp: 536280

Ion Ratio Lower Upper

42 100

74 143.0 110.0 165.0

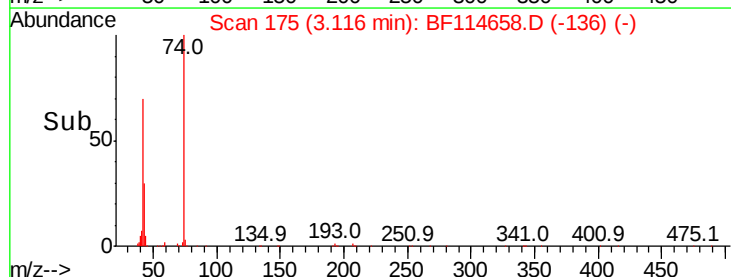
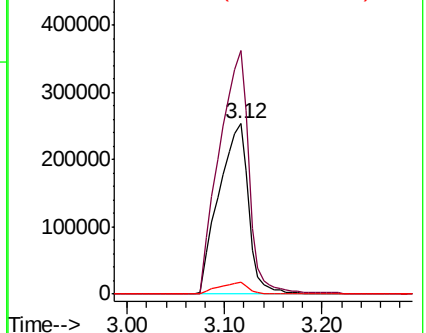
44 6.7 5.6 8.4

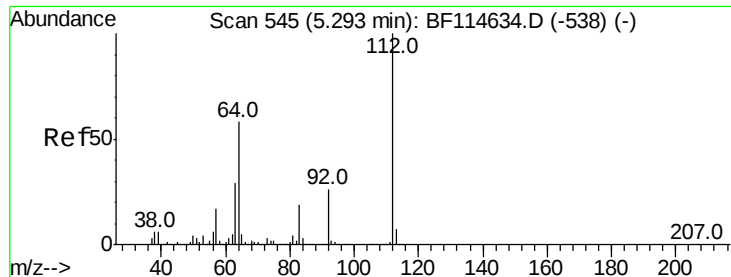


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 101.274 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.03 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

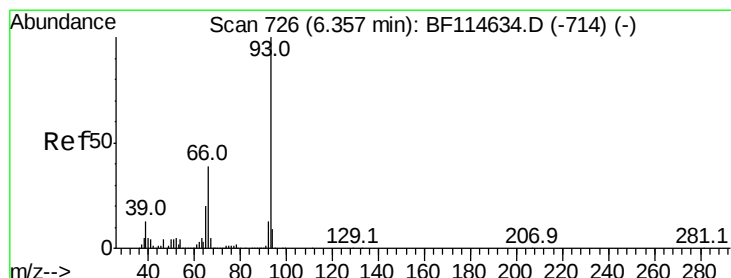
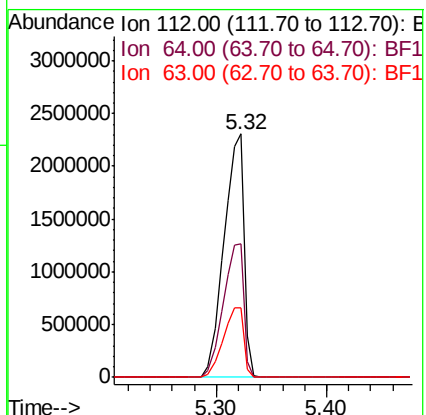
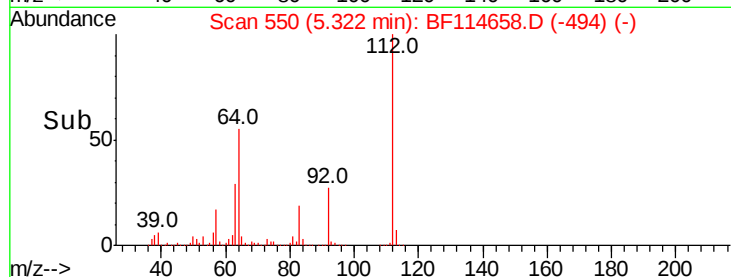
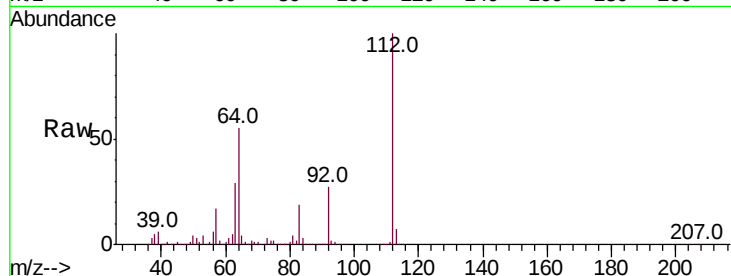
Tot Ion:112 Resp: 2930319

Ion Ratio Lower Upper

112 100

64 55.0 46.1 69.1

63 28.8 23.4 35.2



#6

Aniline

Concen: 22.474 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

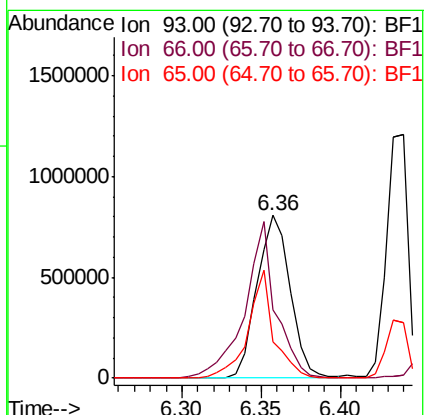
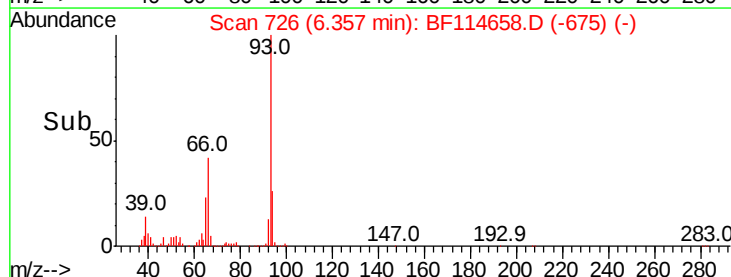
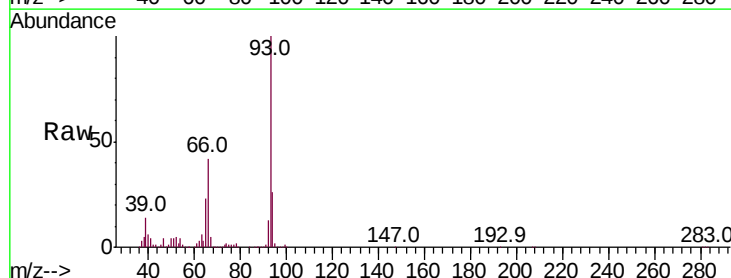
Tgt Ion: 93 Resp: 1183636

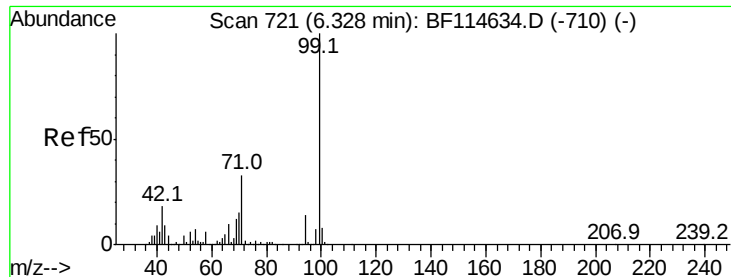
Ion Ratio Lower Upper

93 100

66 42.2 31.4 47.2

65 22.6 16.2 24.2





#7

Phenol-d6

Concen: 103.182 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

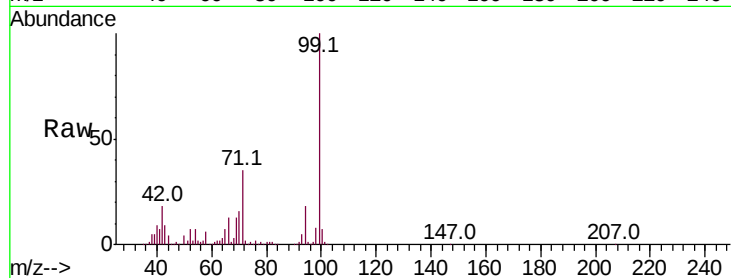
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3597687

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.7	22.1
71	35.2	26.6	40.0

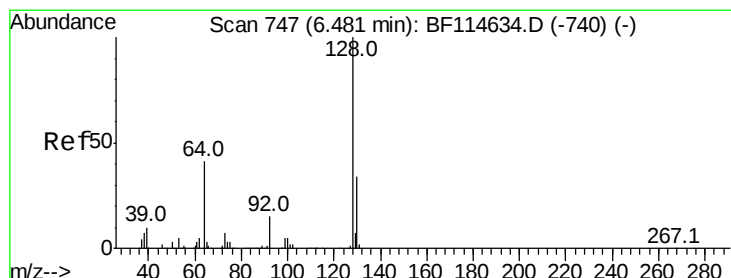
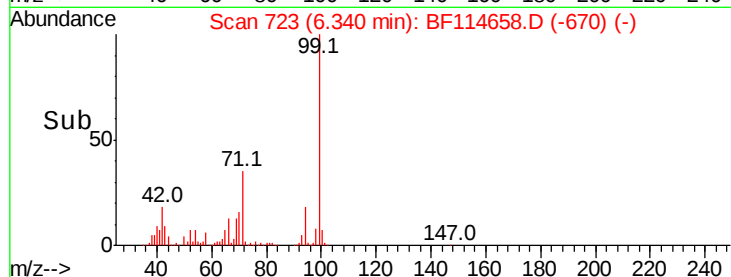
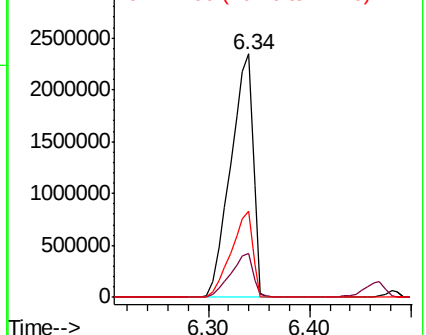


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.844 ng

RT: 6.48 min Scan# 747

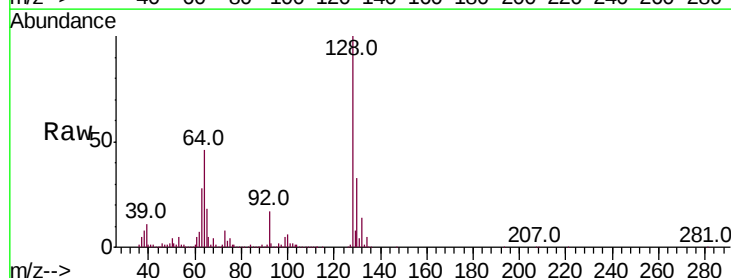
Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Tgt Ion: 128 Resp: 1197741

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.9	53.9
64	45.5	22.0	62.0

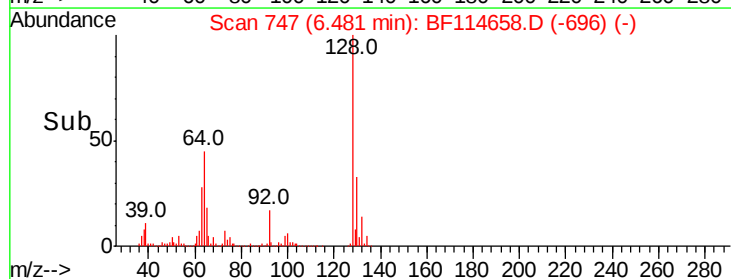
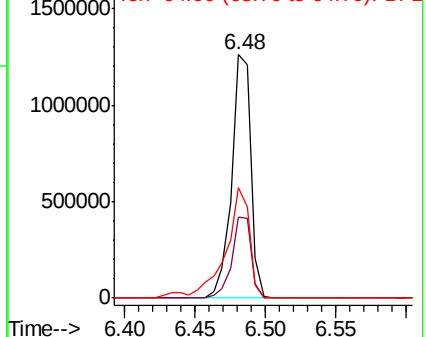


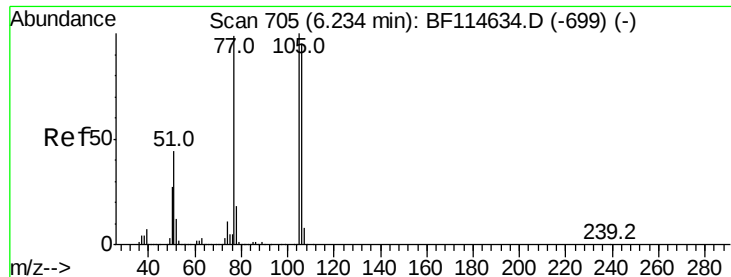
Abundance

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: 13.185 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampled :

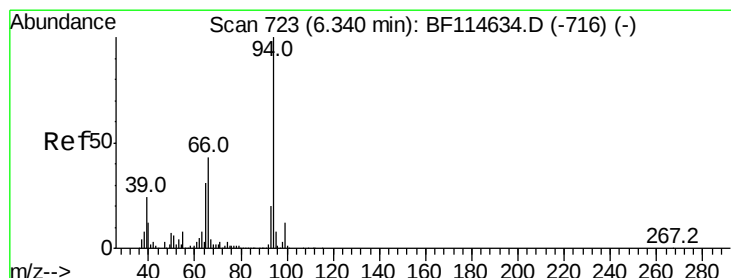
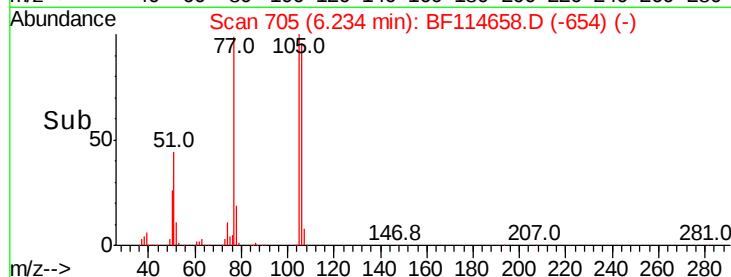
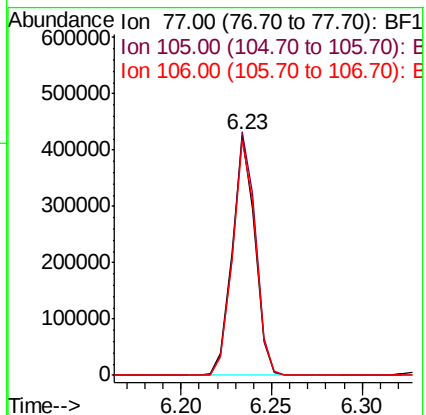
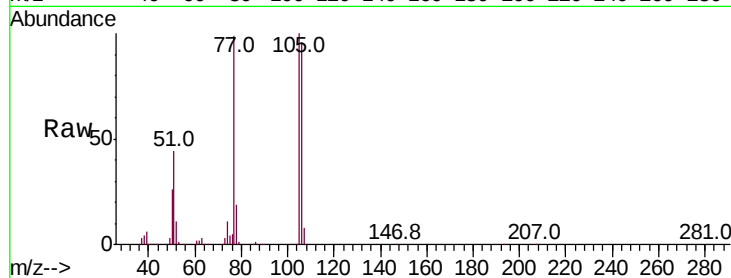
Tot Ion: 77 Resp: 371126

Ion Ratio Lower Upper

77 100

105 101.3 80.8 120.8

106 97.7 76.2 116.2



#10

Phenol

Concen: 32.688 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

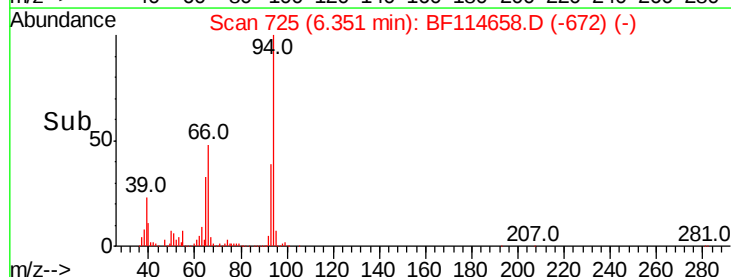
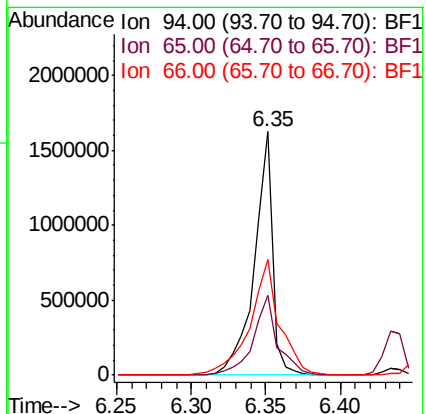
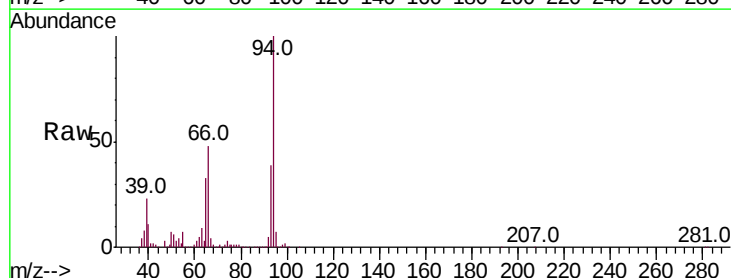
Tgt Ion: 94 Resp: 1376850

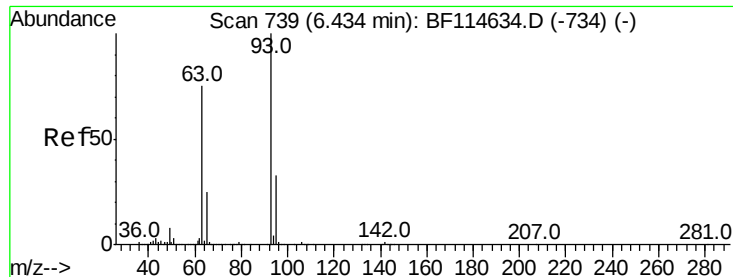
Ion Ratio Lower Upper

94 100

65 32.8 11.0 51.0

66 47.6 23.0 63.0





#11

bis(2-Chloroethyl)ether

Concen: 34.759 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

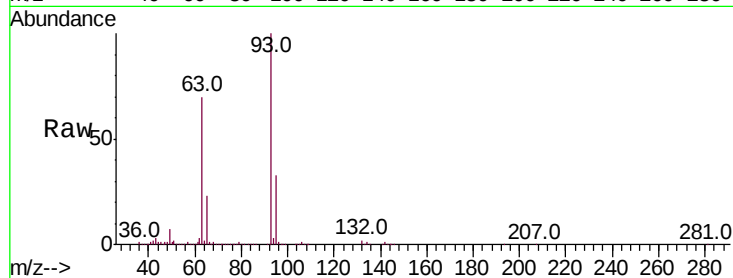
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 1119850

Ion	Ratio	Lower	Upper
93	100		
63	69.7	55.0	95.0
95	33.2	13.5	53.5

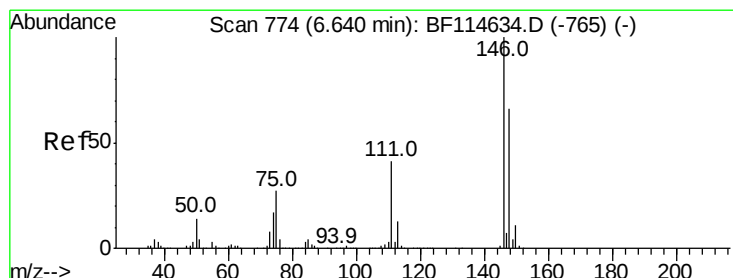
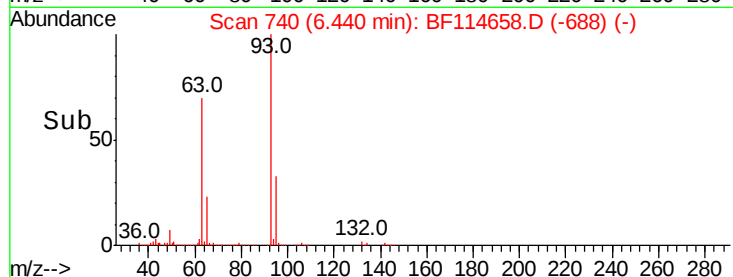
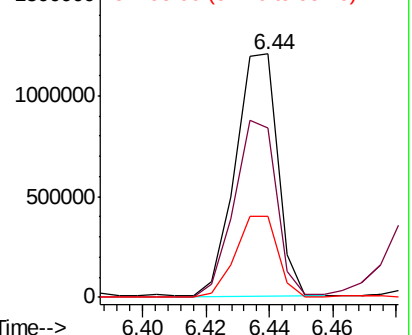


Abundance

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: 33.871 ng

RT: 6.64 min Scan# 774

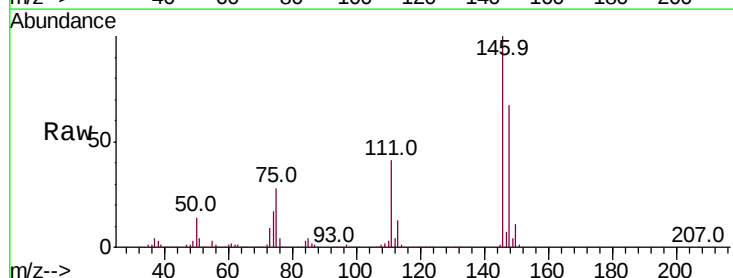
Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Tgt Ion: 146 Resp: 1289472

Ion	Ratio	Lower	Upper
146	100		
148	67.3	52.9	79.3
75	27.6	22.0	33.0

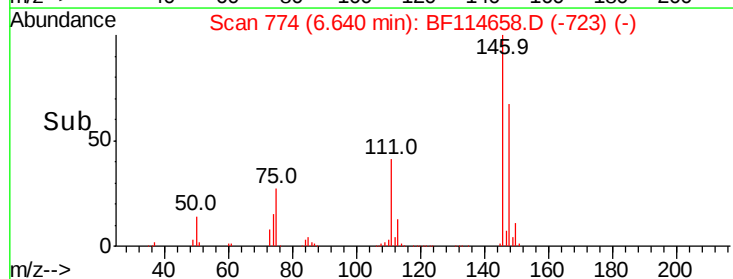
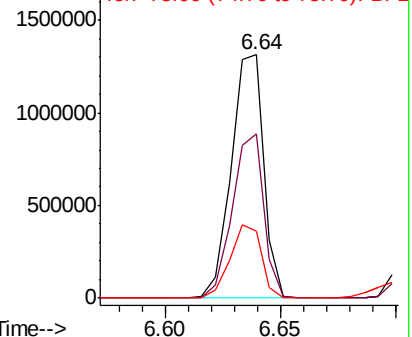


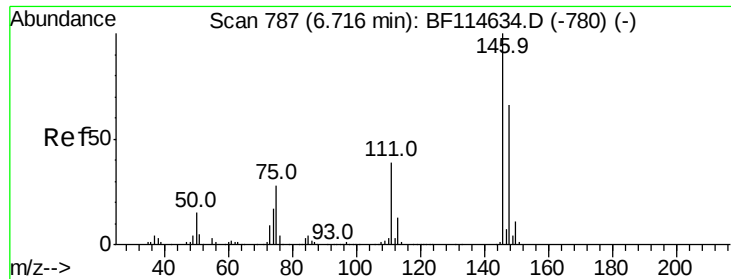
Abundance

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: 34.021 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

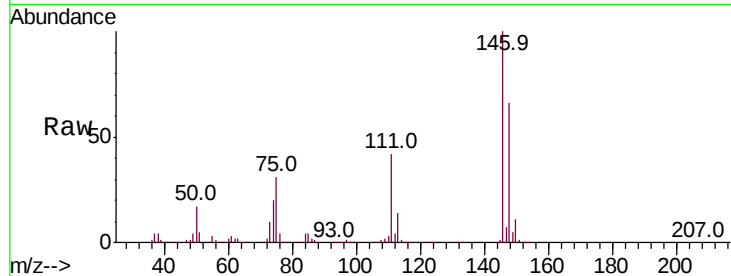
Tot Ion:146 Resp: 1299327

Ion Ratio Lower Upper

146 100

148 66.2 52.5 78.7

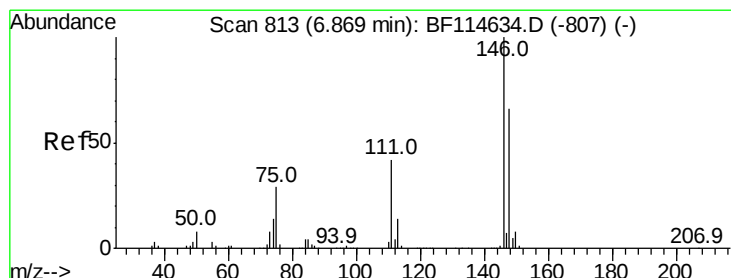
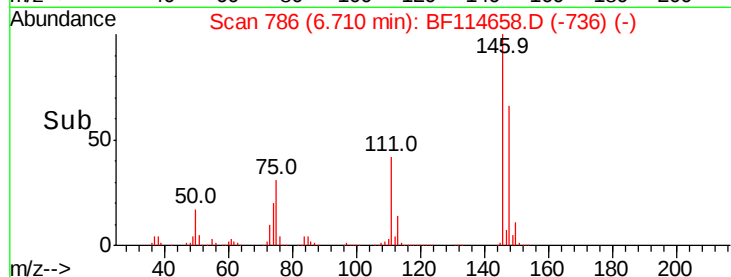
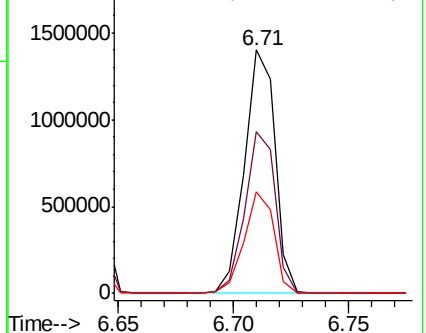
111 41.9 31.4 47.2



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: 33.815 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

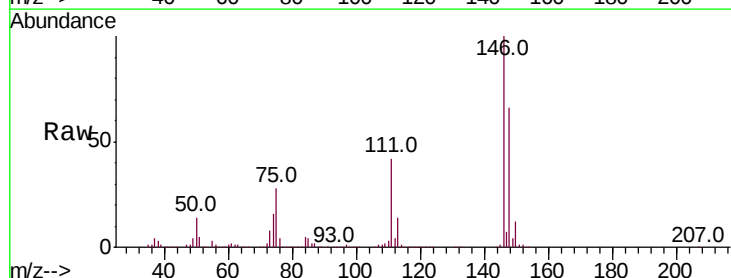
Tgt Ion:146 Resp: 1175789

Ion Ratio Lower Upper

146 100

148 66.3 52.6 79.0

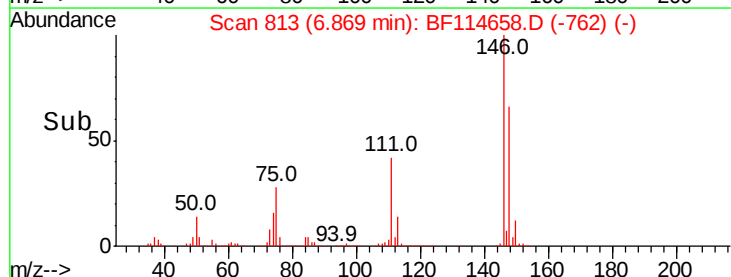
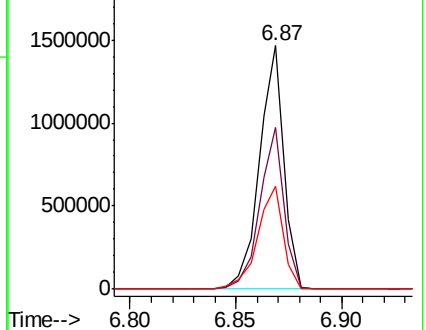
111 42.2 34.1 51.1

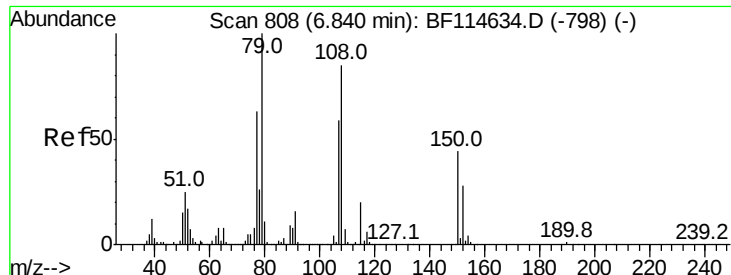


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.949 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

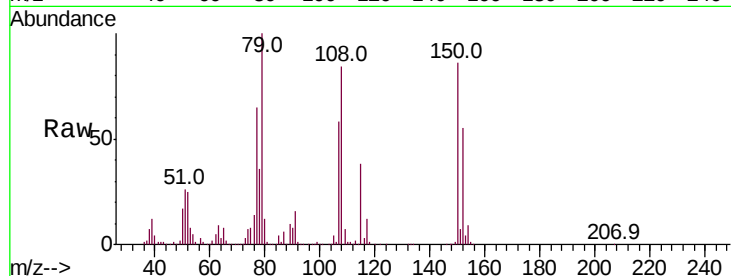
Tot Ion: 79 Resp: 958530

Ion Ratio Lower Upper

79 100

108 84.3 67.8 101.8

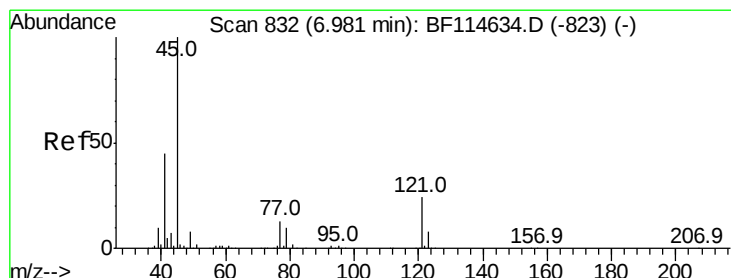
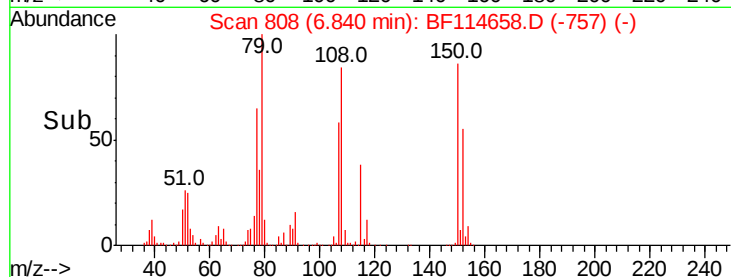
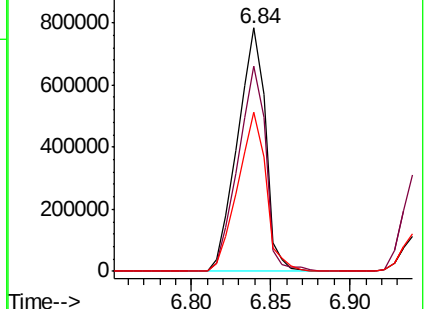
77 65.3 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.185 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

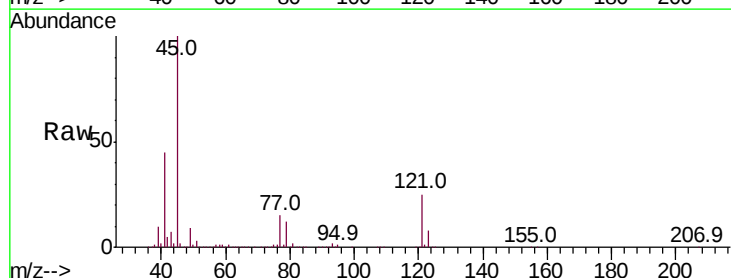
Tgt Ion: 45 Resp: 1639856

Ion Ratio Lower Upper

45 100

77 15.3 0.0 34.7

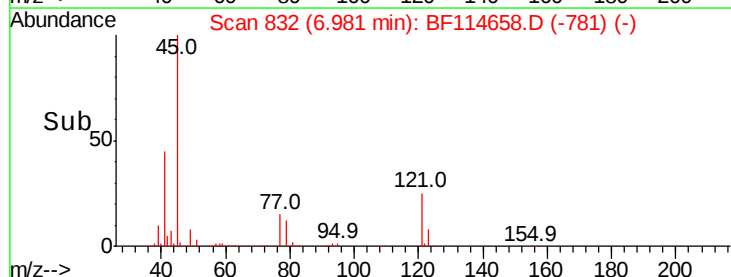
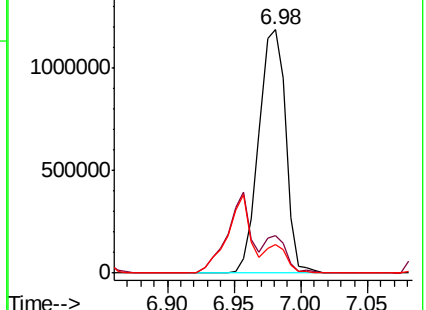
79 11.8 0.0 31.3

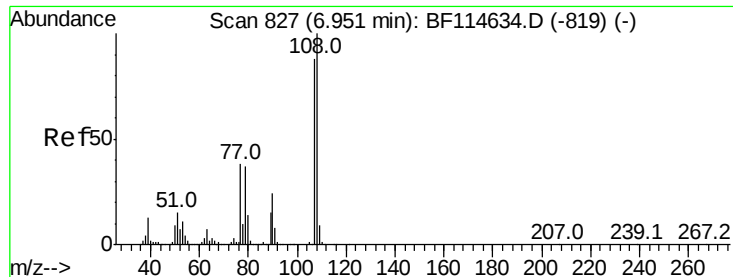


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

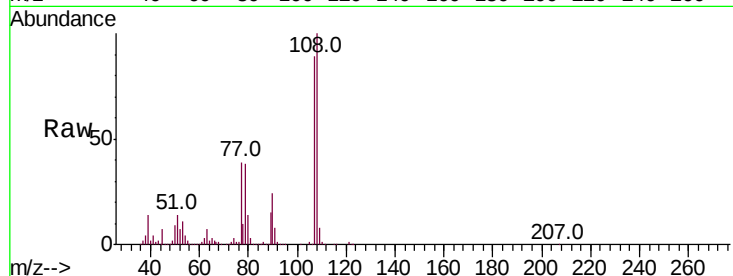




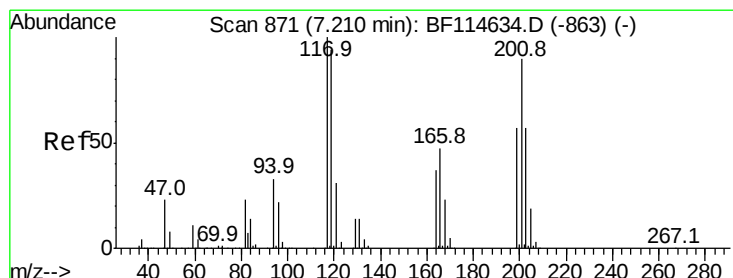
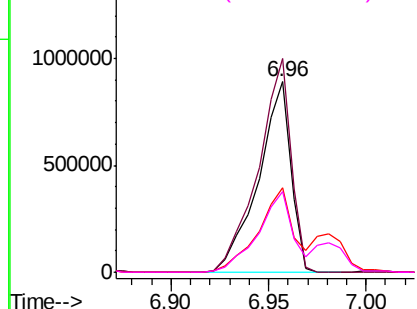
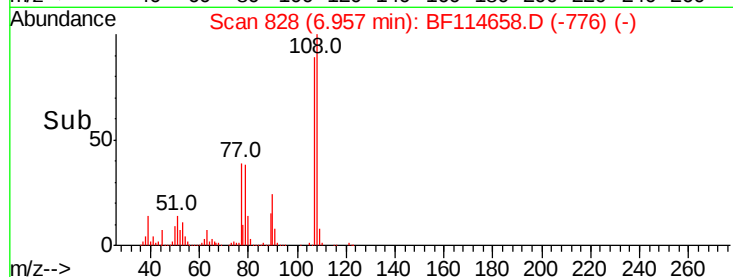
#17
2-Methylphenol
Concen: 36.382 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 1028259
Ion Ratio Lower Upper
107 100
108 112.2 91.1 136.7
77 44.2 34.9 52.3
79 42.7 33.8 50.6

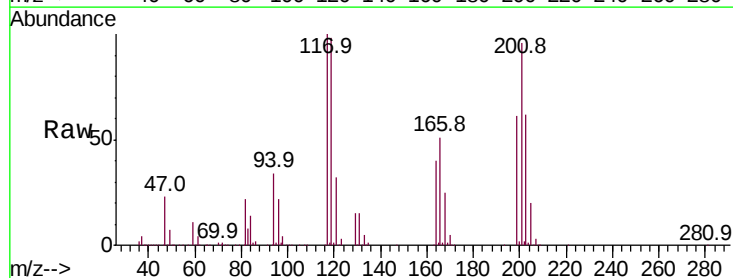


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

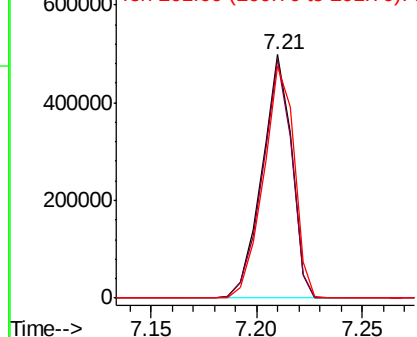
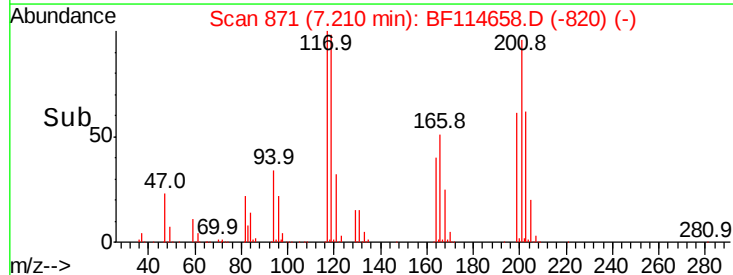


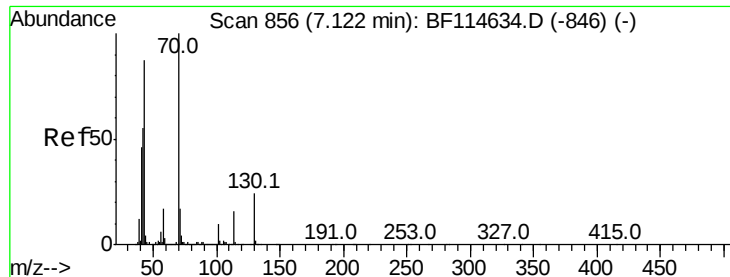
#18
Hexachloroethane
Concen: 33.716 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion:117 Resp: 487546
Ion Ratio Lower Upper
117 100
119 97.9 75.6 113.4
201 95.5 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

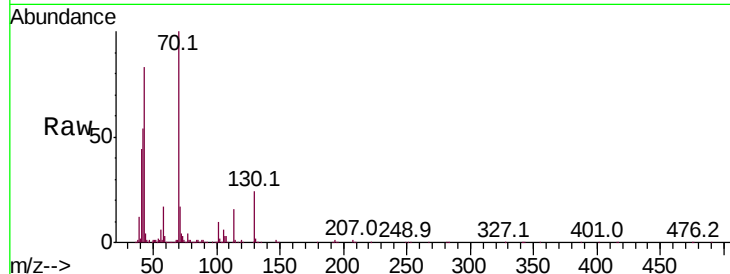




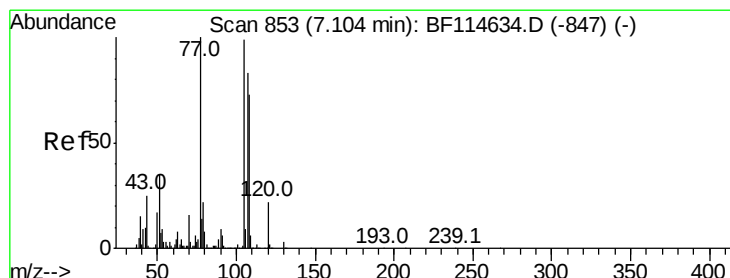
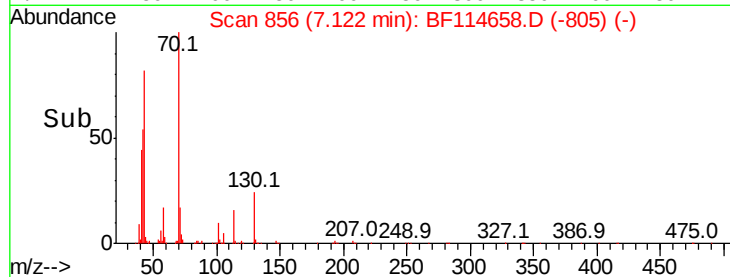
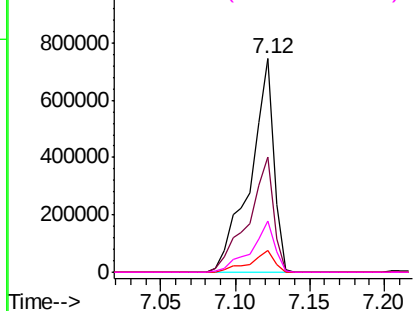
#19
n-Nitroso-di-n-propylamine
Concen: 33.903 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	815959
Ion	Ratio	Lower	Upper
70	100		
42	54.0	44.4	66.6
101	10.3	8.2	12.4
130	24.2	19.4	29.0

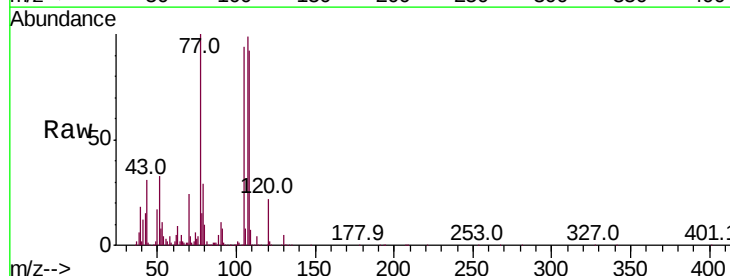


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

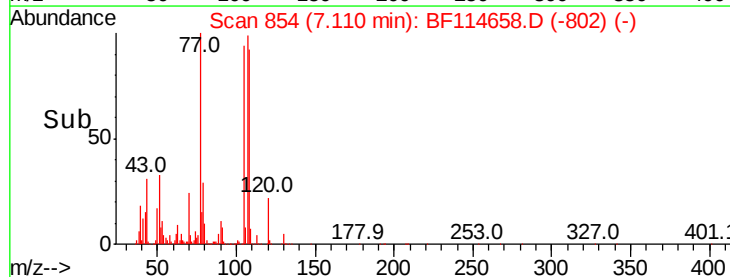
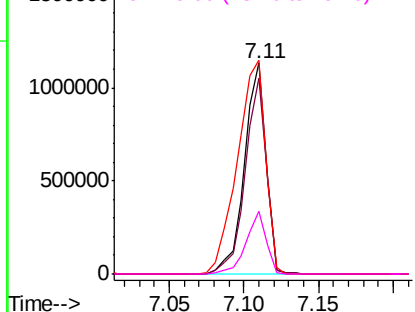


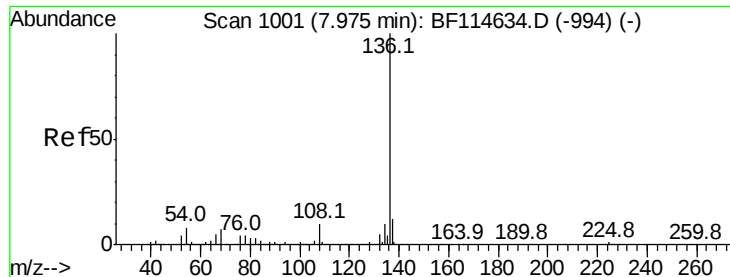
#20
3+4-Methylphenols
Concen: 33.847 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion:	107	Resp:	1125079
Ion	Ratio	Lower	Upper
107	100		
108	92.7	68.6	108.6
77	101.3	100.5	140.5
79	29.5	7.0	47.0



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



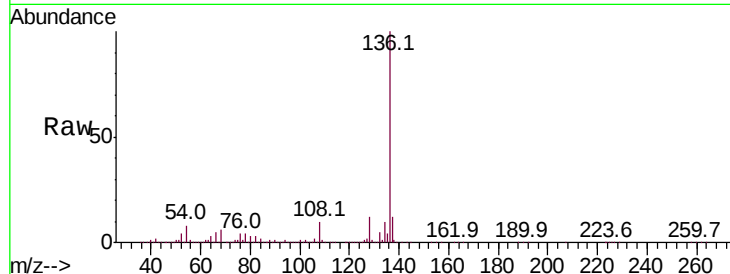


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

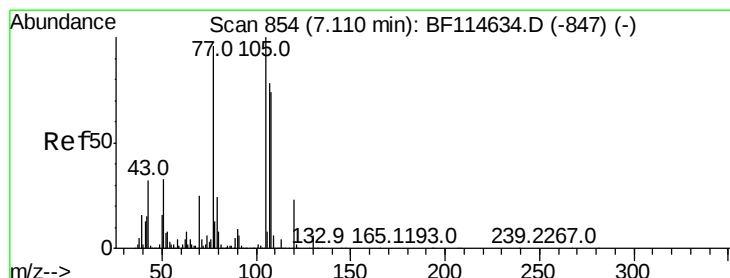
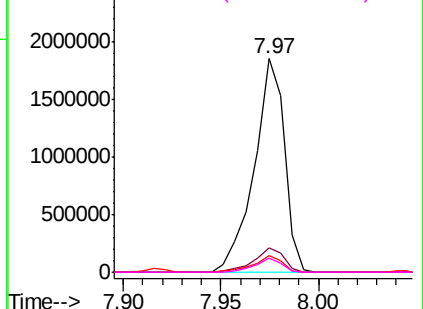
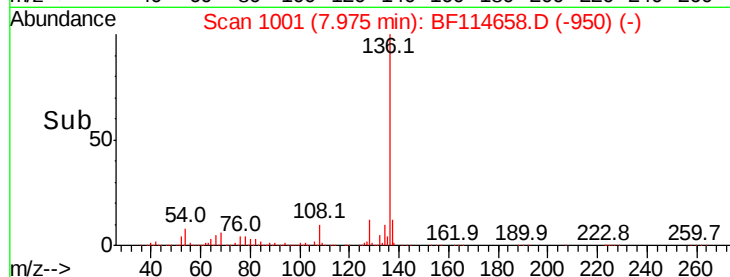
Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 1993551

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	7.6	6.3	9.5
68	6.4	5.4	8.0



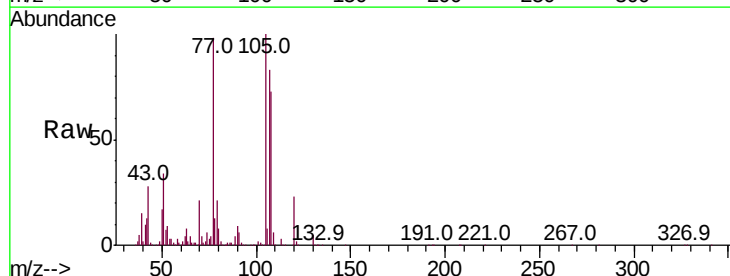
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



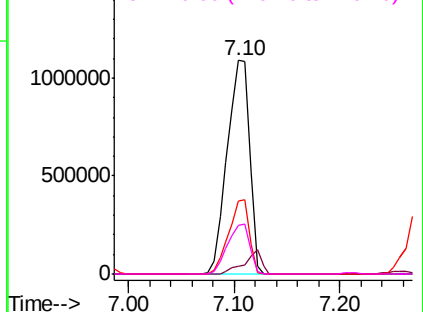
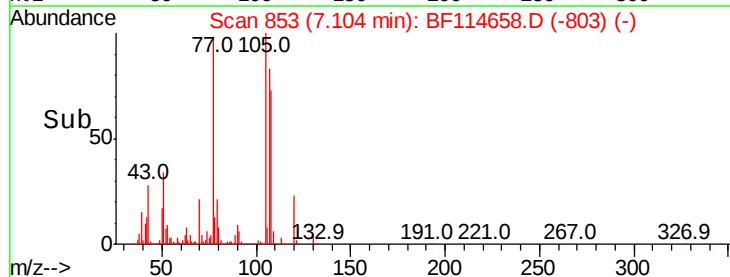
#22
Acetophenone
Concen: 37.484 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

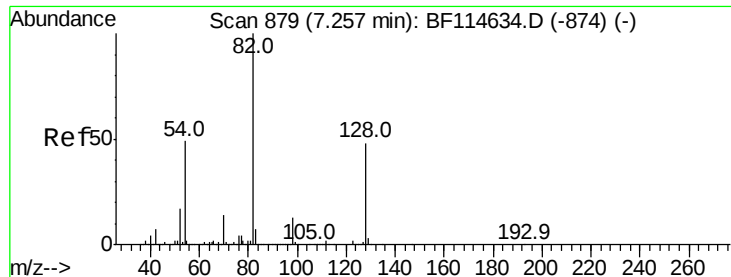
Tgt Ion:105 Resp: 1592202

Ion	Ratio	Lower	Upper
105	100		
71	3.5	3.6	5.4#
51	34.0	26.0	39.0
120	22.7	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: 80.834 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampled :

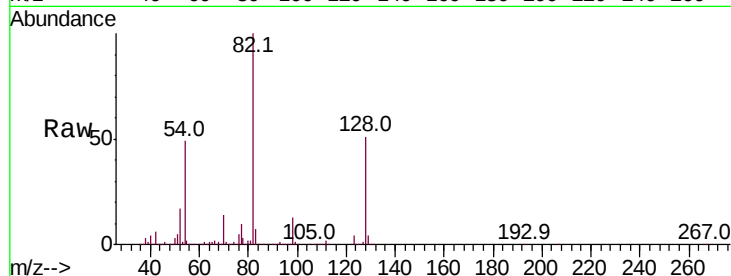
Tot Ion: 82 Resp: 2582931

Ion Ratio Lower Upper

82 100

128 50.9 38.5 57.7

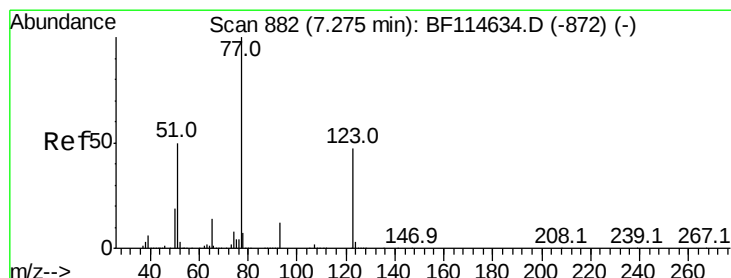
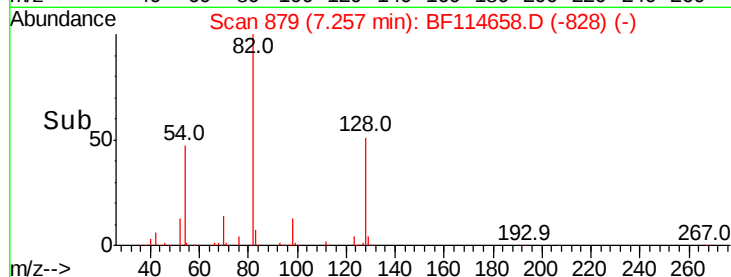
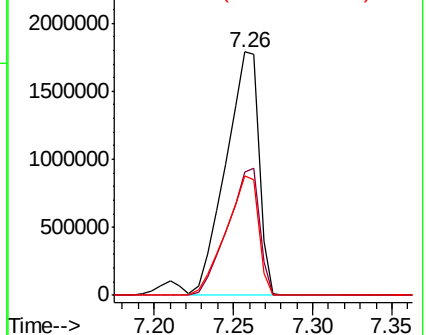
54 49.0 39.1 58.7



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: 36.596 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

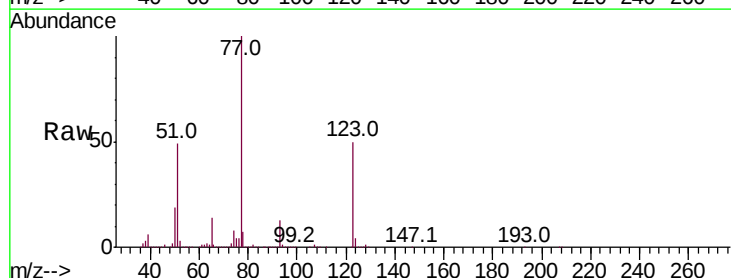
Tgt Ion: 77 Resp: 1242190

Ion Ratio Lower Upper

77 100

123 49.9 38.5 57.7

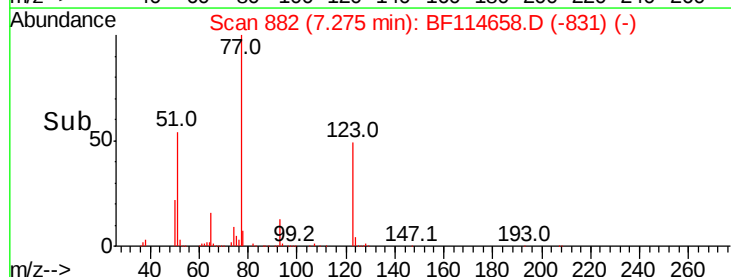
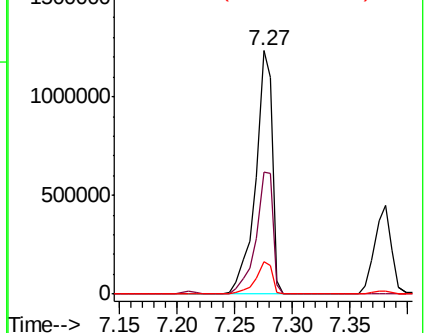
65 13.5 11.2 16.8

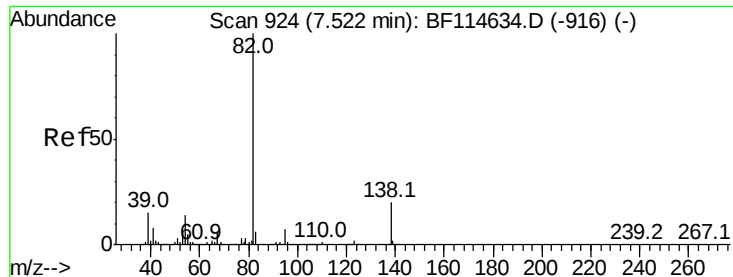


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.595 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

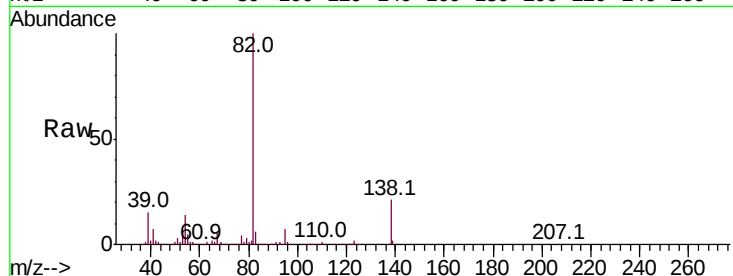
Tot Ion: 82 Resp: 2282612

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

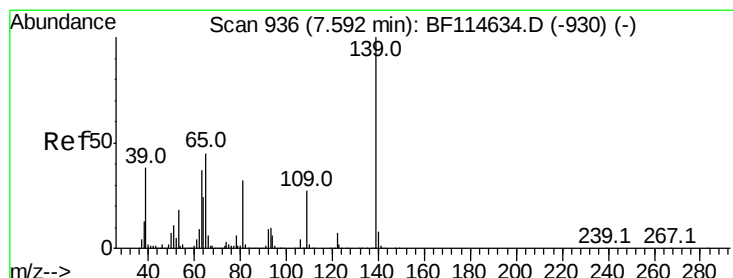
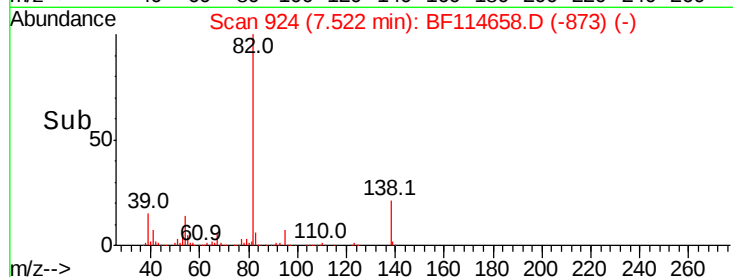
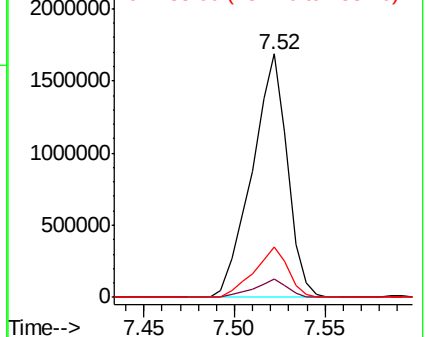
138 20.7 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.499 ng

RT: 7.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

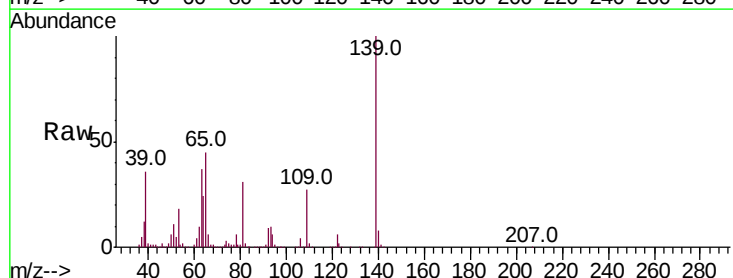
Tgt Ion:139 Resp: 652615

Ion Ratio Lower Upper

139 100

109 26.7 21.7 32.5

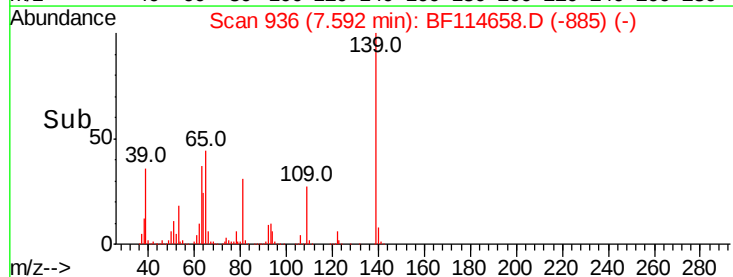
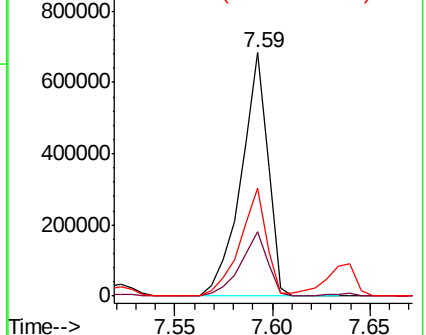
65 44.5 36.3 54.5

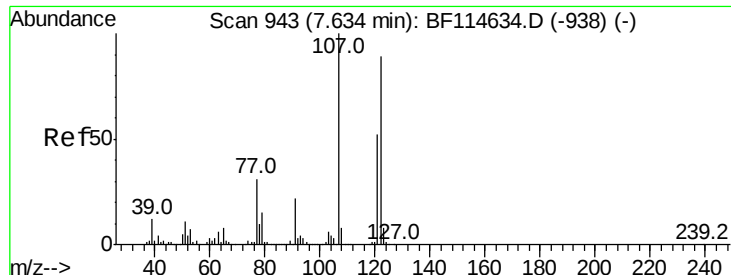


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



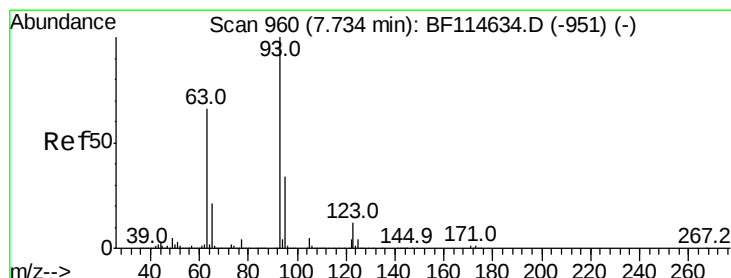
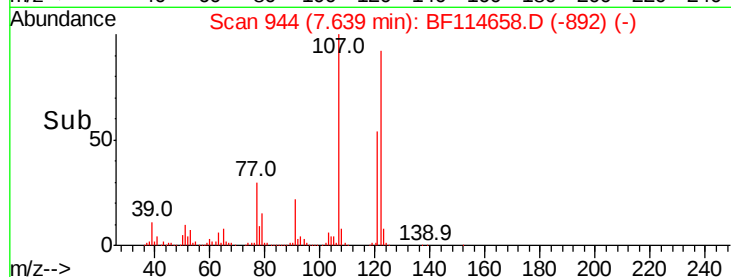
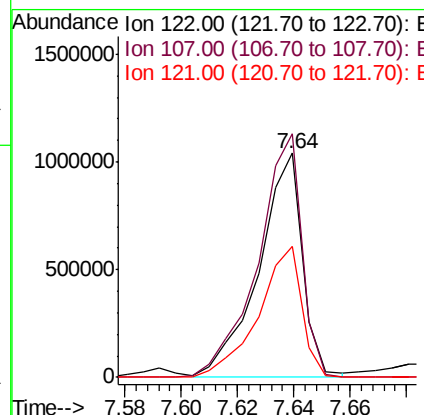
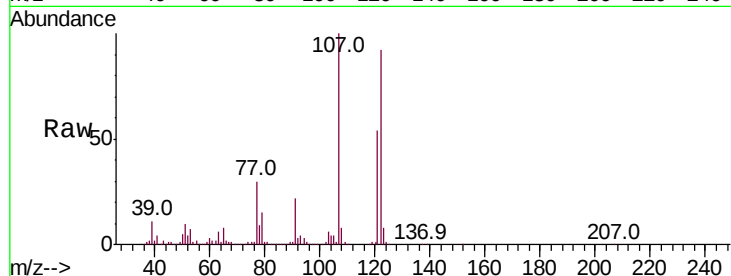


#27
 2,4-Dimethylphenol
 Concen: 40.840 ng
 RT: 7.64 min Scan# 944
 Delta R.T. 0.01 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 1122237

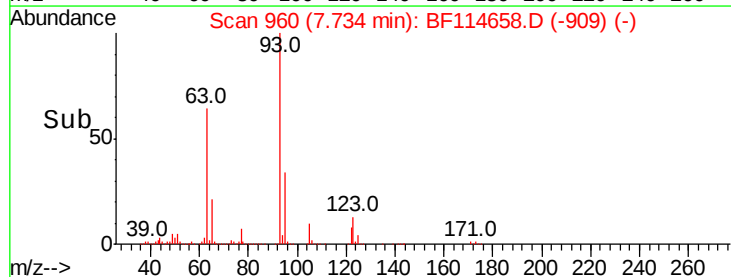
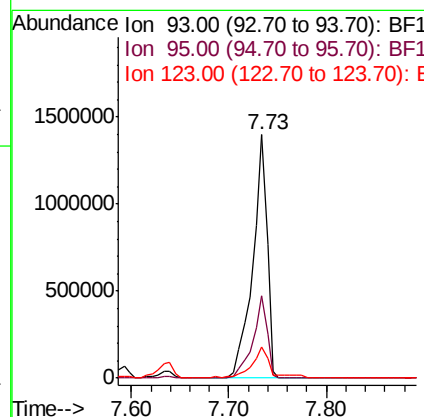
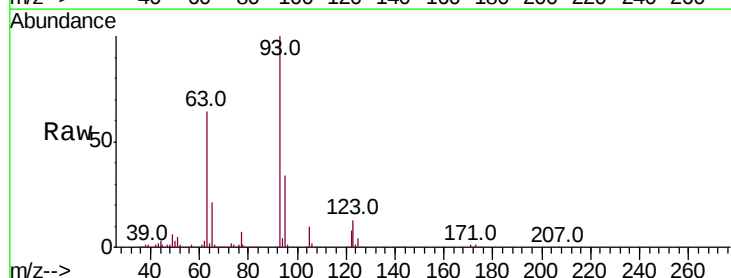
Ion	Ratio	Lower	Upper
122	100		
107	108.6	89.3	133.9
121	58.5	46.8	70.2

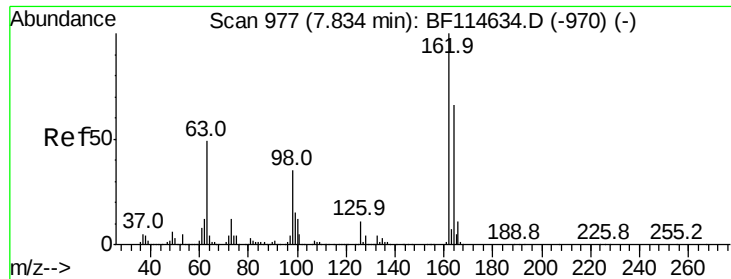


#28
 bis(2-Chloroethoxy)methane
 Concen: 35.205 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

Tgt Ion: 93 Resp: 1437106

Ion	Ratio	Lower	Upper
93	100		
95	33.8	27.0	40.4
123	12.9	10.2	15.2





#29

2,4-Dichlorophenol

Concen: 37.541 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

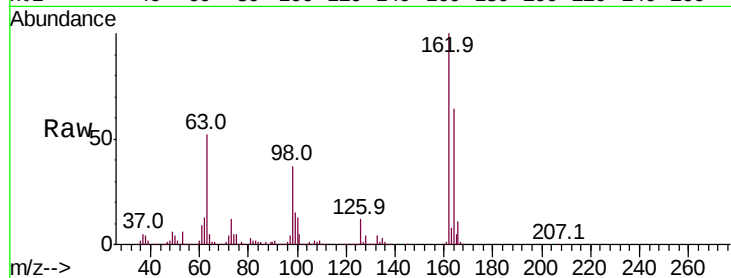
Instrument :

BNA_F

ClientSampled :

Tot Ion:162 Resp: 1050001

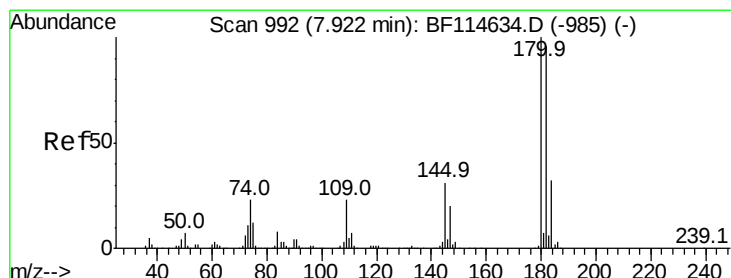
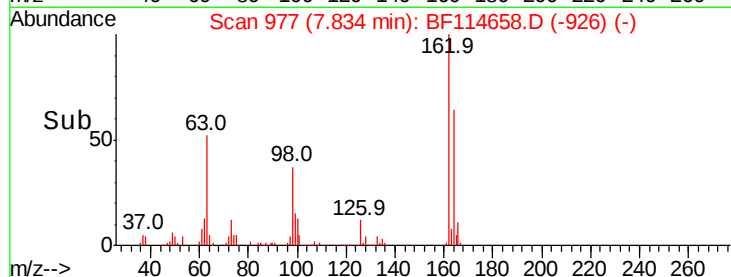
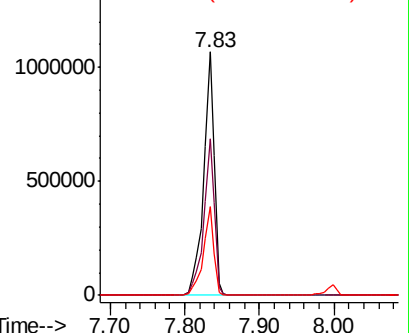
Ion	Ratio	Lower	Upper
162	100		
164	64.2	45.8	85.8
98	36.6	14.9	54.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 36.379 ng

RT: 7.92 min Scan# 992

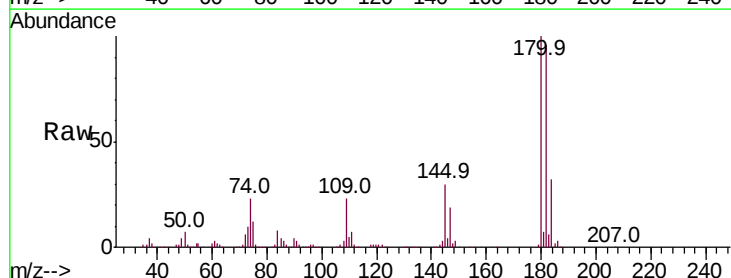
Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Tgt Ion:180 Resp: 1159224

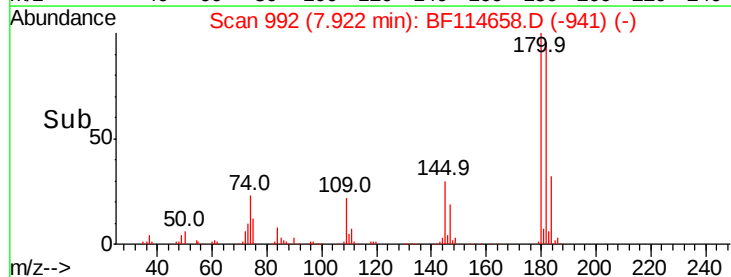
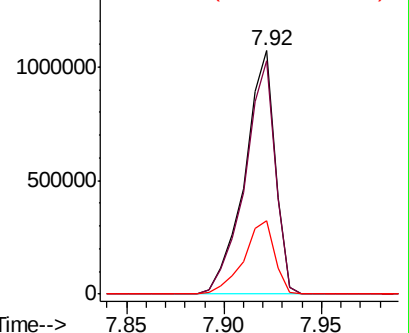
Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.9	115.3
145	30.0	24.5	36.7

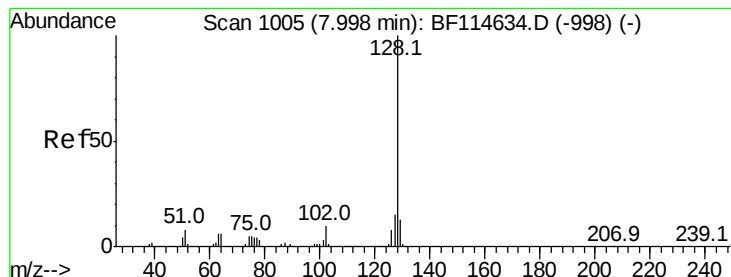


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.891 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

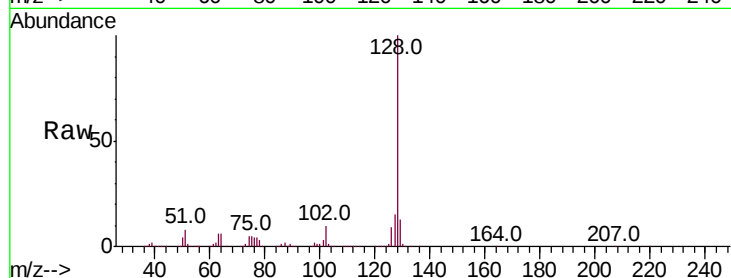
Tot Ion:128 Resp: 3295768

Ion Ratio Lower Upper

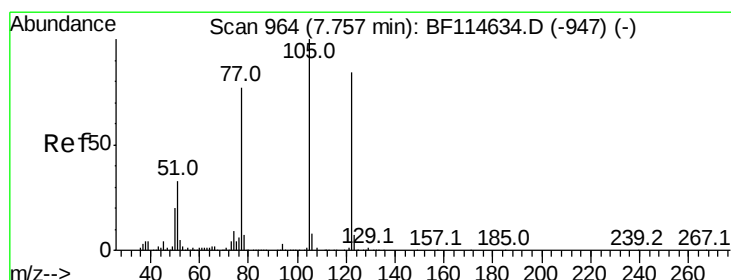
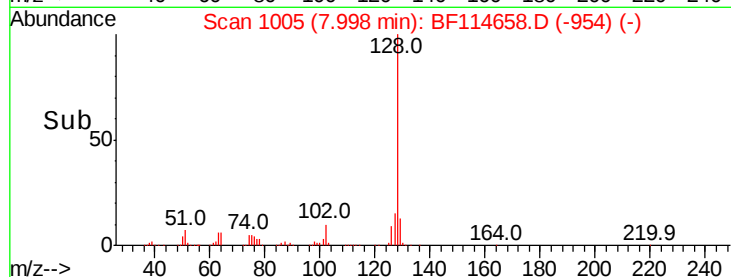
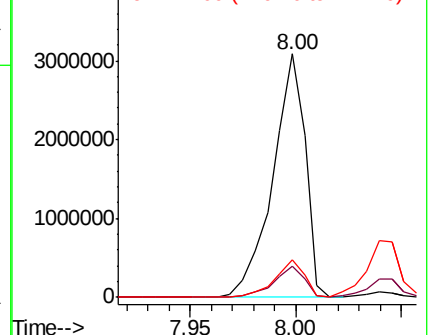
128 100

129 13.0 10.2 15.2

127 15.4 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: 44.994 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

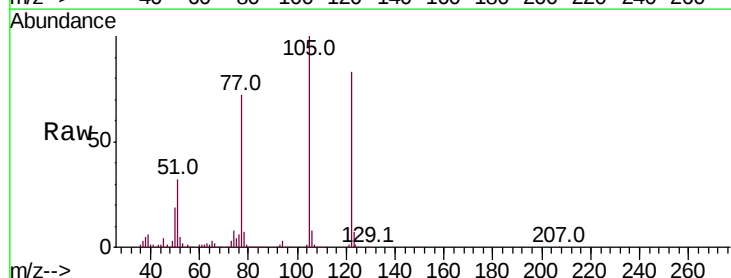
Tgt Ion:122 Resp: 803043

Ion Ratio Lower Upper

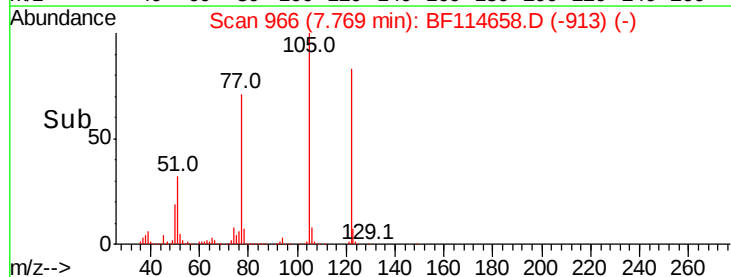
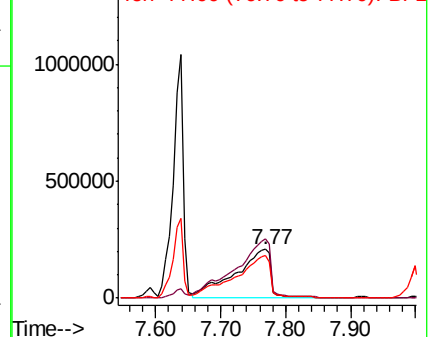
122 100

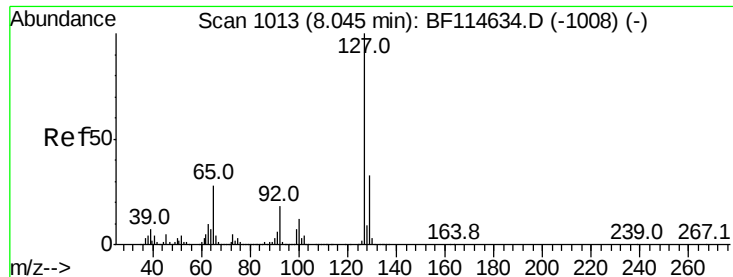
105 120.1 98.3 138.3

77 87.1 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

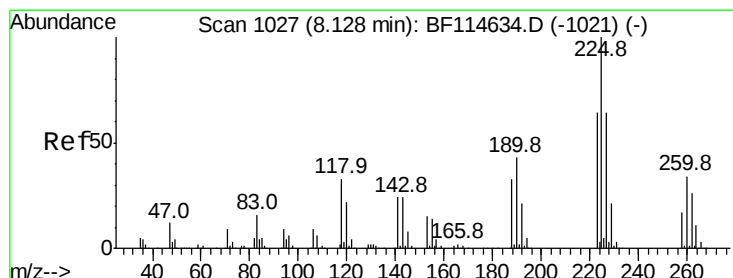
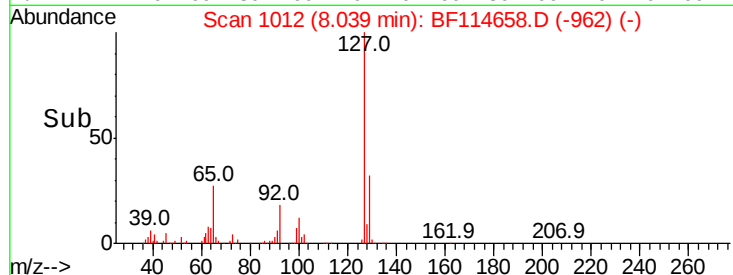
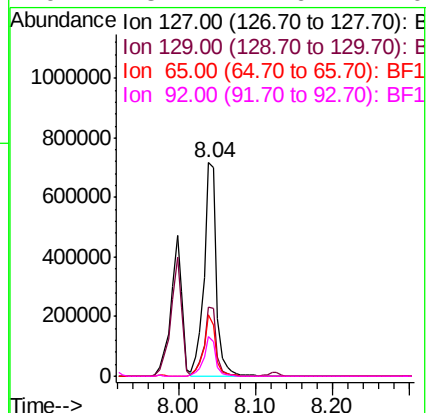
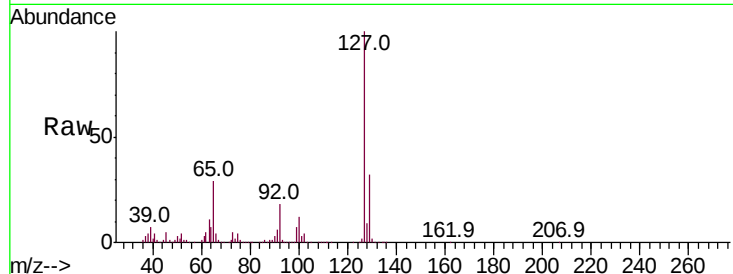




#33
4-Chloroaniline
Concen: 18.549 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

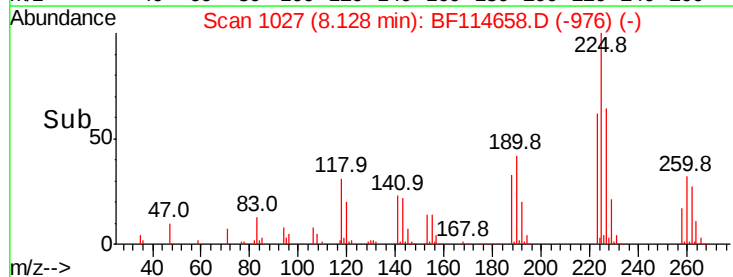
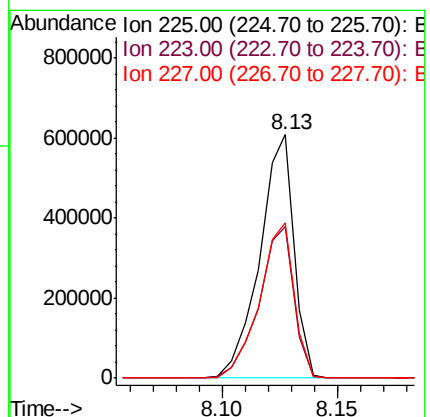
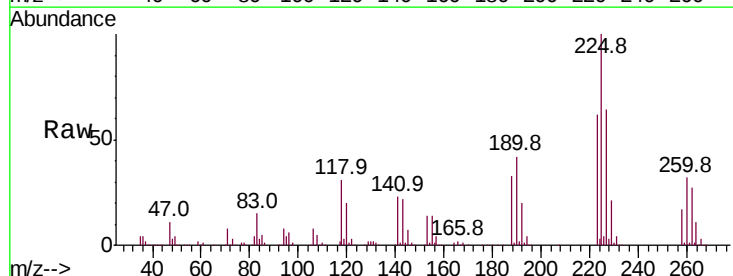
Instrument :
BNA_F
ClientSampleId :

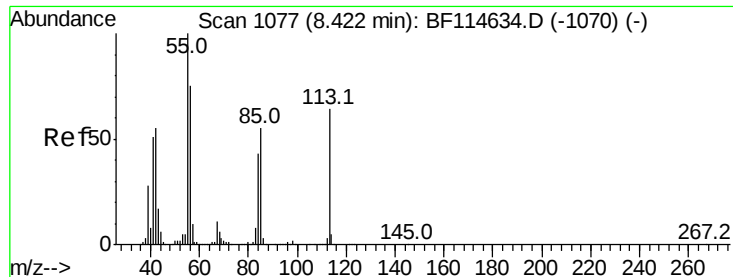
Tot Ion:	127	Resp:	811483
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.7	40.1
65	28.9	22.5	33.7
92	18.4	14.6	22.0



#34
Hexachlorobutadiene
Concen: 35.516 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion:	225	Resp:	628708
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.9	76.3
227	64.0	51.3	76.9





#35

Caprolactam

Concen: 21.238 ng

RT: 8.42 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

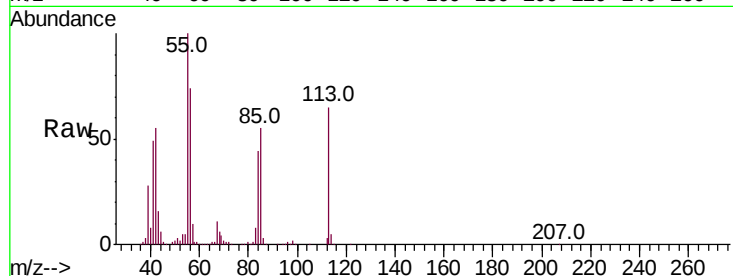
Tot Ion:113 Resp: 200465

Ion Ratio Lower Upper

113 100

55 154.3 136.4 176.4

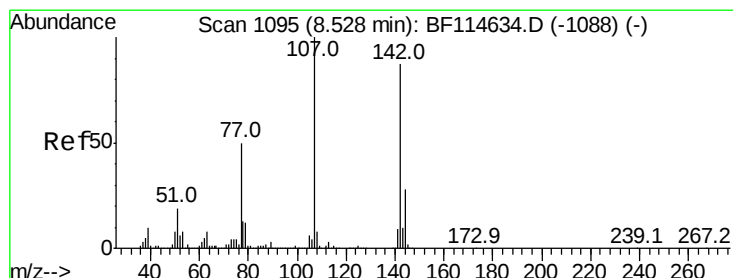
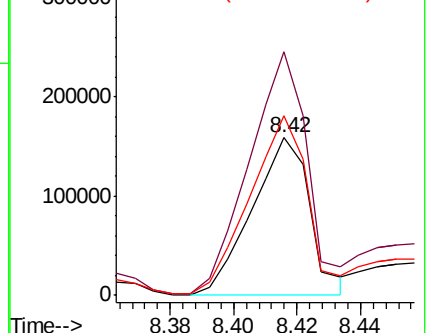
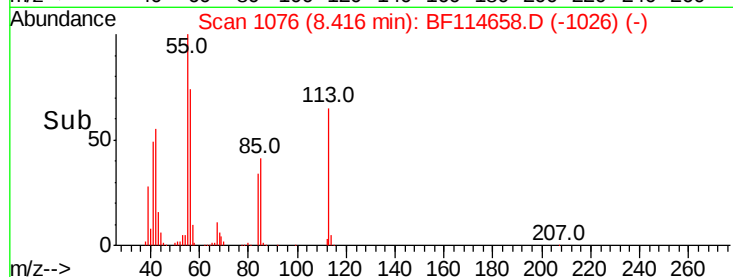
56 114.0 97.0 137.0



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: 37.522 ng

RT: 8.53 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

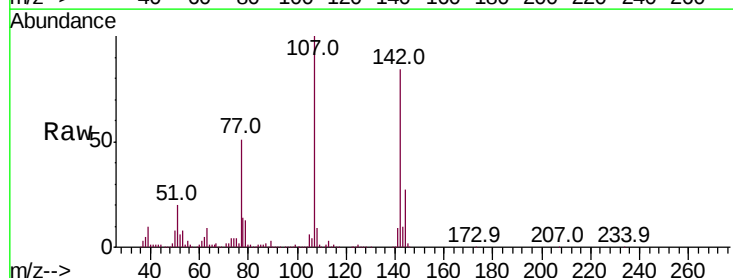
Tgt Ion:107 Resp: 1052463

Ion Ratio Lower Upper

107 100

144 27.4 22.5 33.7

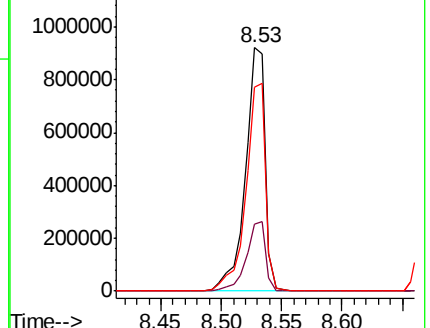
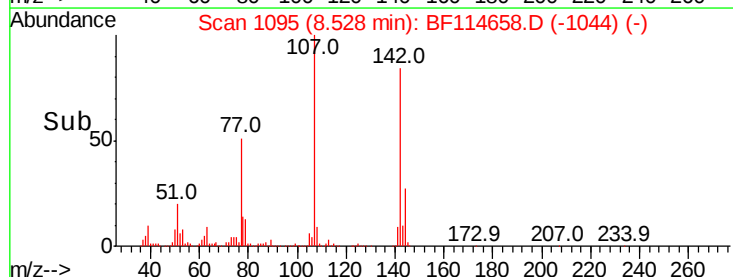
142 83.7 69.8 104.6

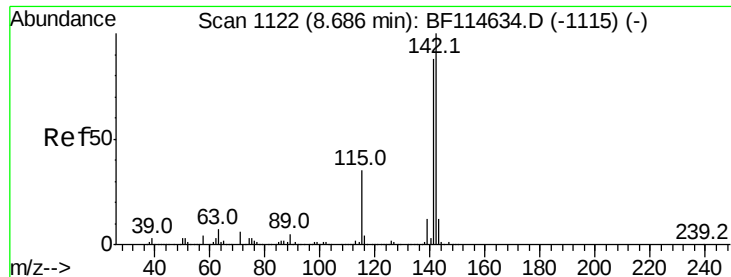


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

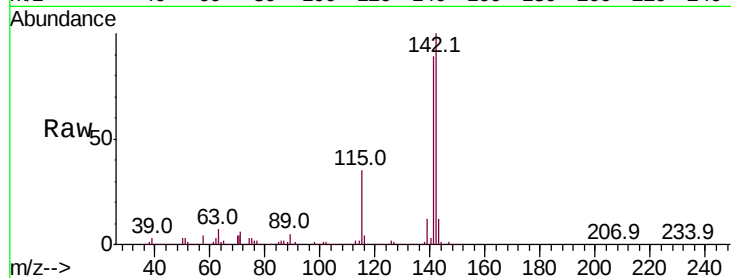




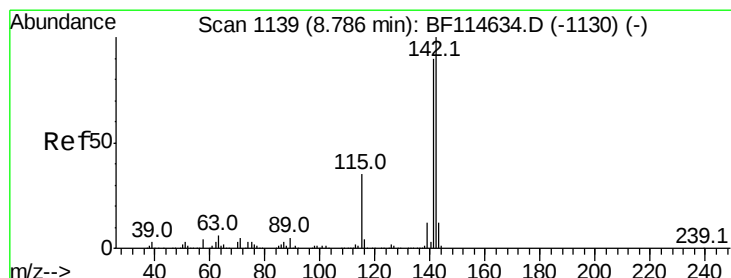
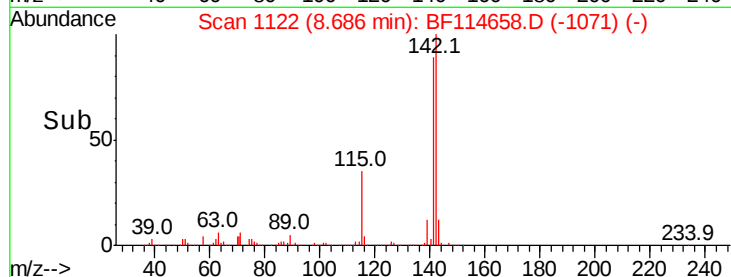
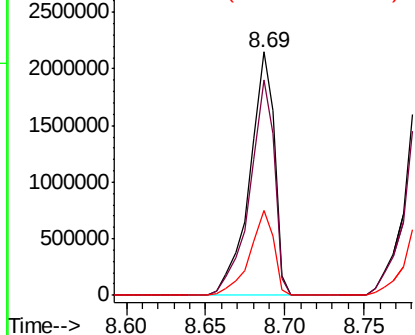
#37
2-Methylnaphthalene
Concen: 38.050 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 2321477
Ion Ratio Lower Upper
142 100
141 88.7 70.3 105.5
115 35.1 28.0 42.0

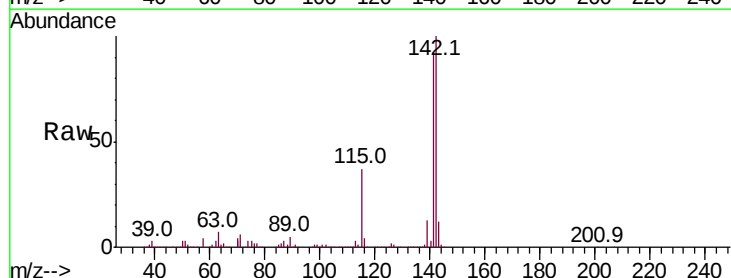


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

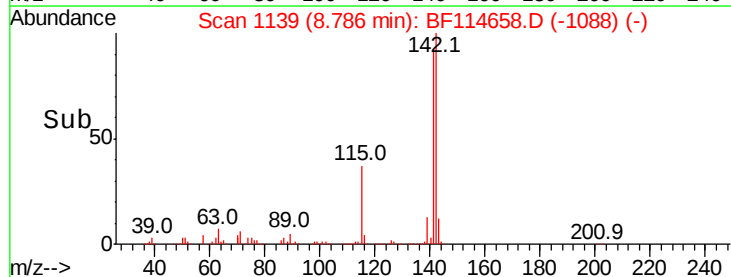
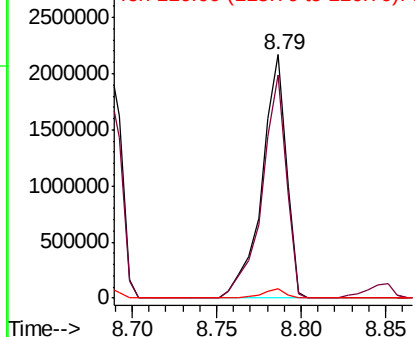


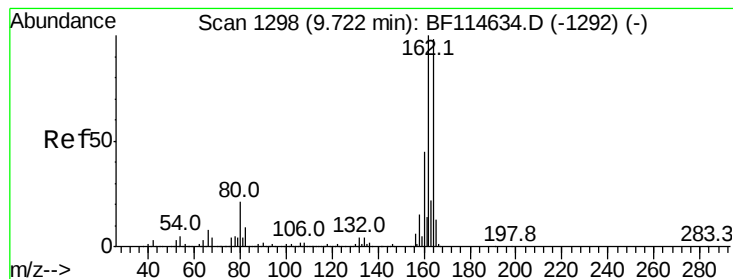
#38
1-Methylnaphthalene
Concen: 37.687 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion:142 Resp: 2178546
Ion Ratio Lower Upper
142 100
141 91.6 72.3 108.5
116 3.9 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampled :

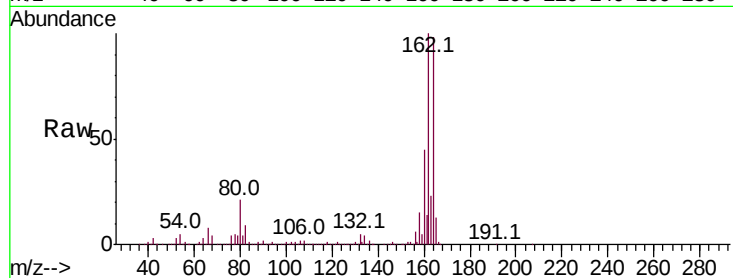
Tot Ion:164 Resp: 980098

Ion Ratio Lower Upper

164 100

162 102.0 81.4 122.2

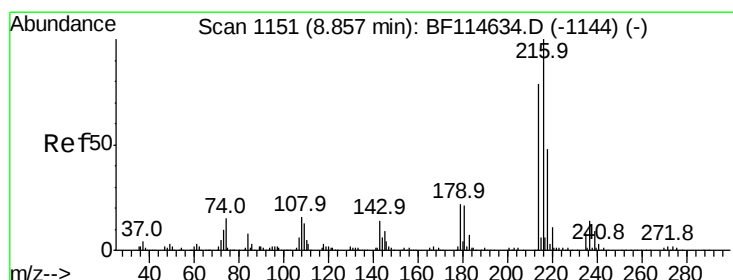
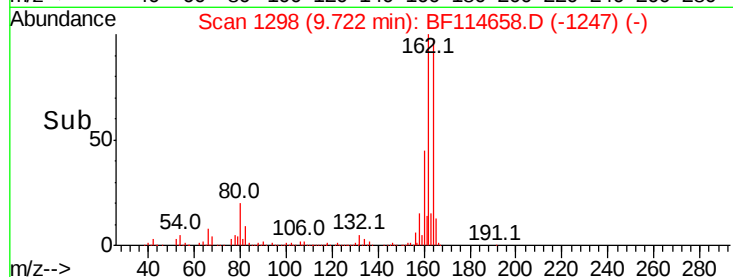
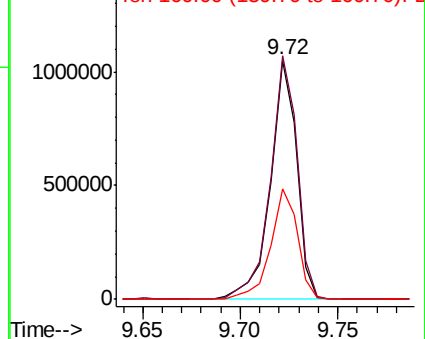
160 46.3 36.6 54.8



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: 36.175 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Tgt Ion:216 Resp: 944200

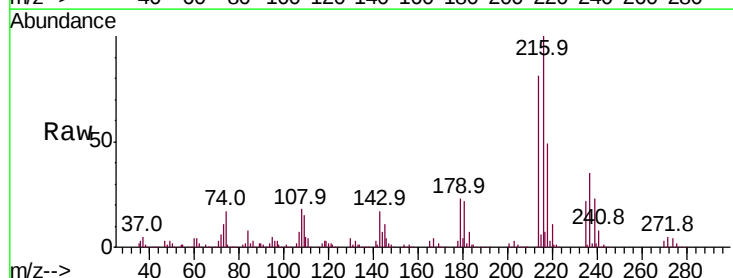
Ion Ratio Lower Upper

216 100

214 79.8 63.2 94.8

179 22.5 17.9 26.9

108 21.3 15.8 23.8

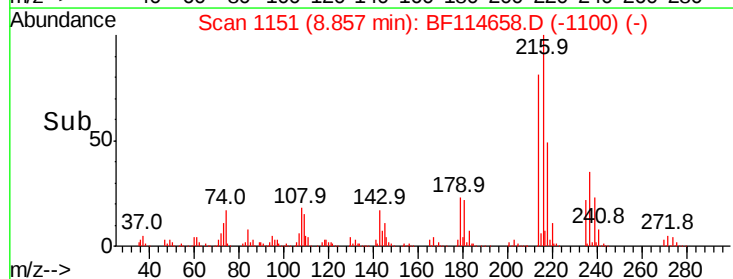
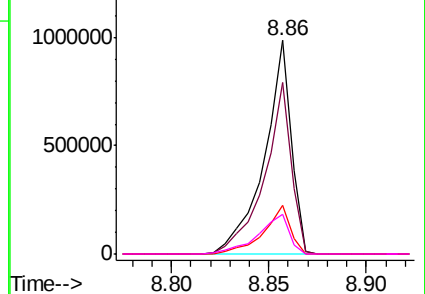


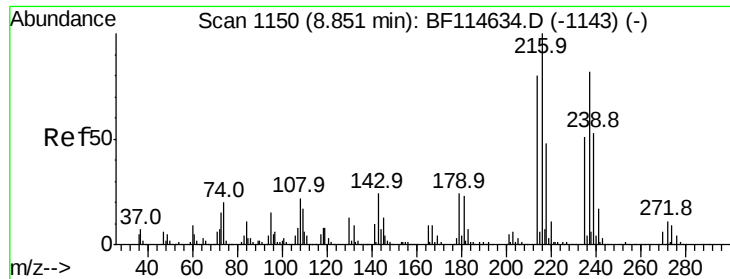
Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.339 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

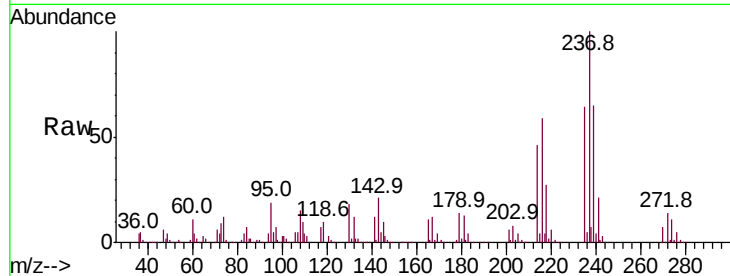
Tot Ion:237 Resp: 1092460

Ion Ratio Lower Upper

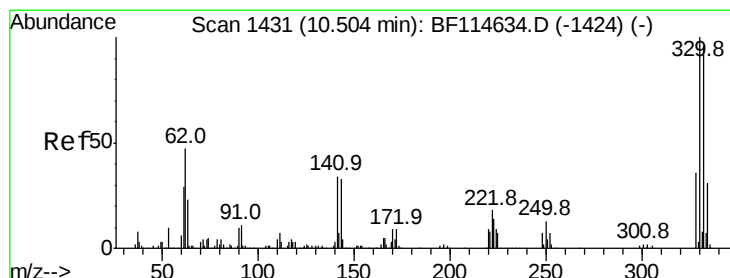
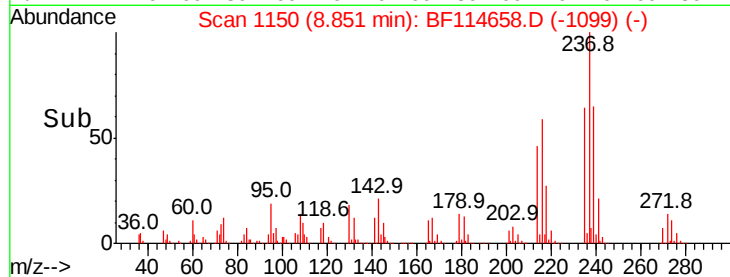
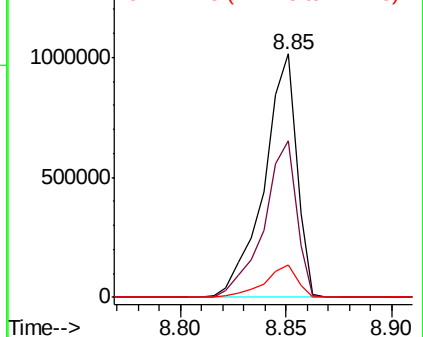
237 100

235 64.1 42.8 82.8

272 13.6 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: 106.697 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

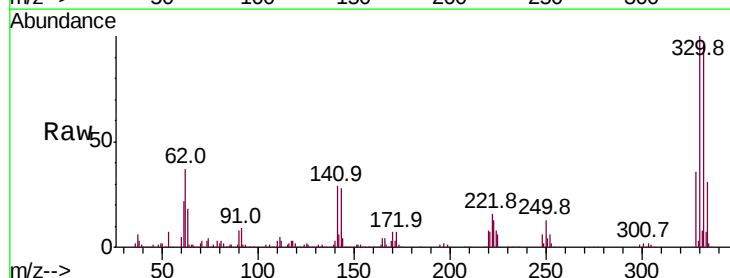
Tgt Ion:330 Resp: 996422

Ion Ratio Lower Upper

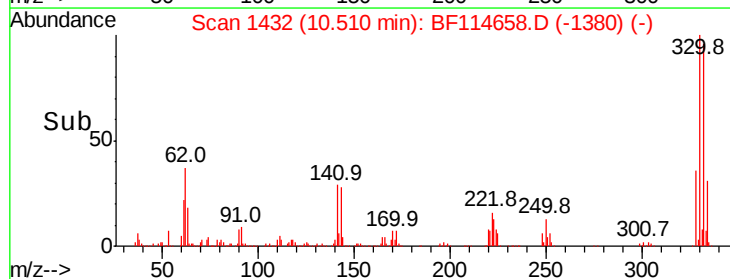
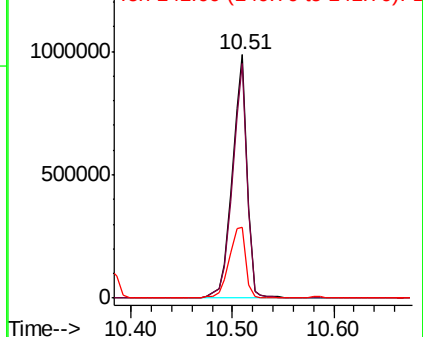
330 100

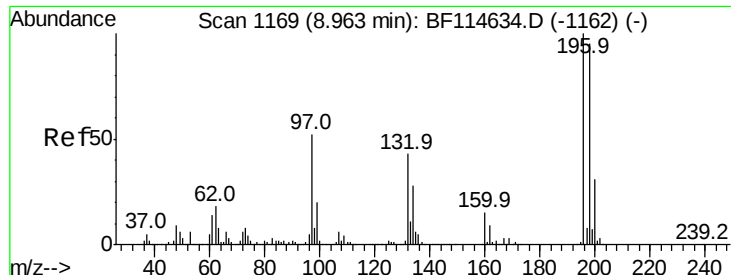
332 96.5 75.8 113.8

141 33.0 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

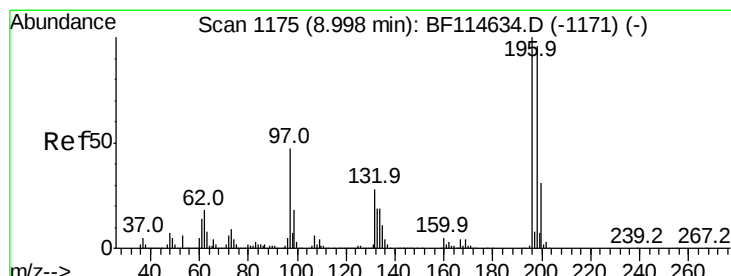
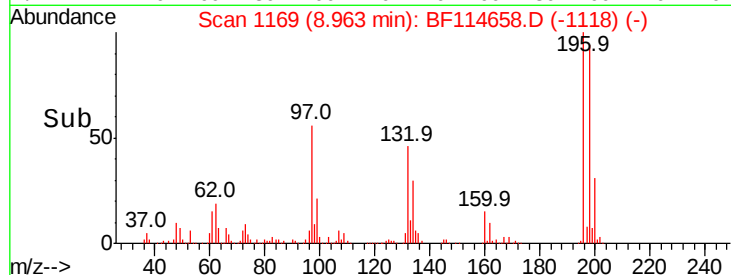
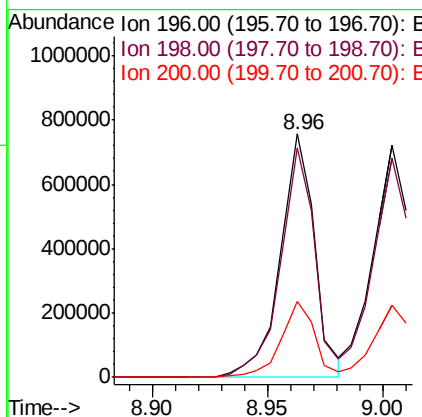
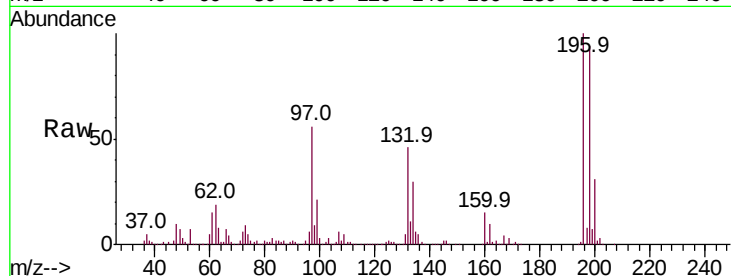




#43
 2,4,6-Trichlorophenol
 Concen: 37.765 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

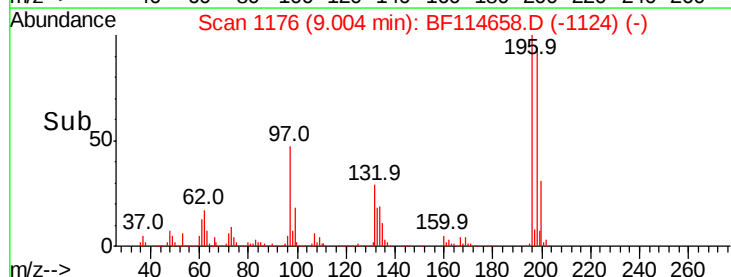
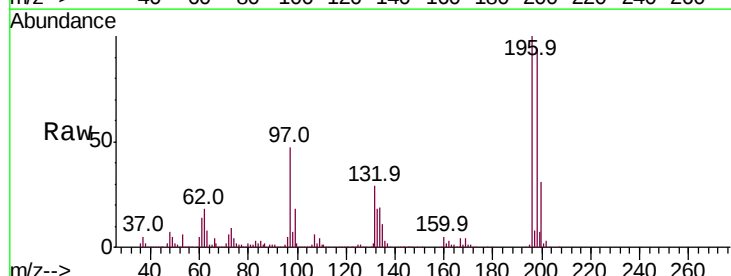
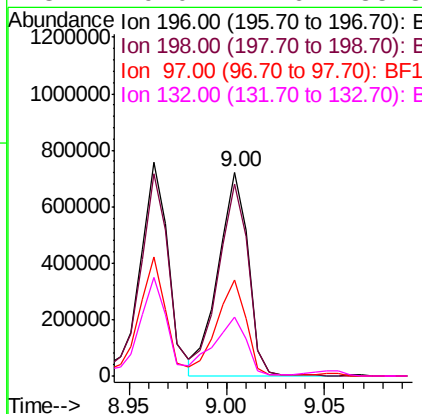
Instrument :
 BNA_F
 ClientSampleId :

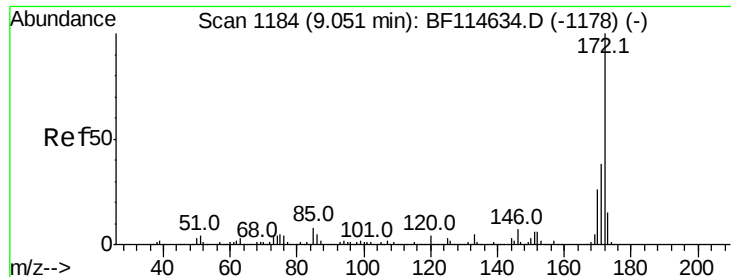
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.1	114.1
200	31.4	24.7	37.1



#44
 2,4,5-Trichlorophenol
 Concen: 37.493 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	76.8	115.2
97	47.4	37.8	56.8
132	29.0	22.6	33.8

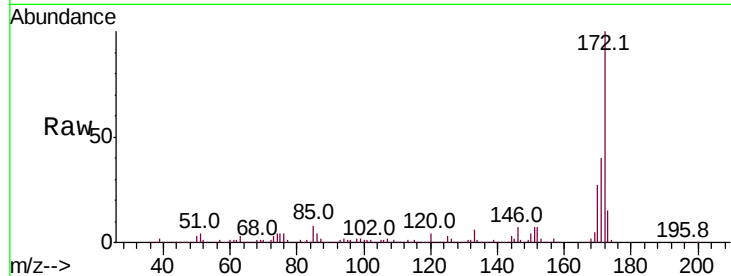




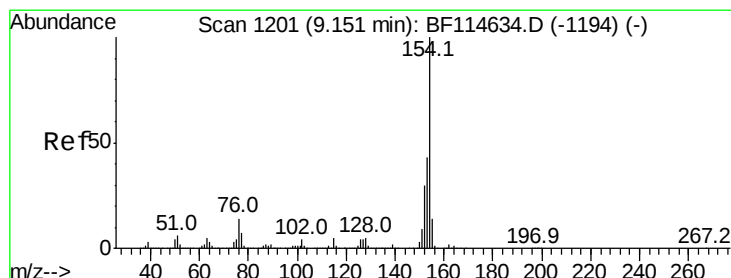
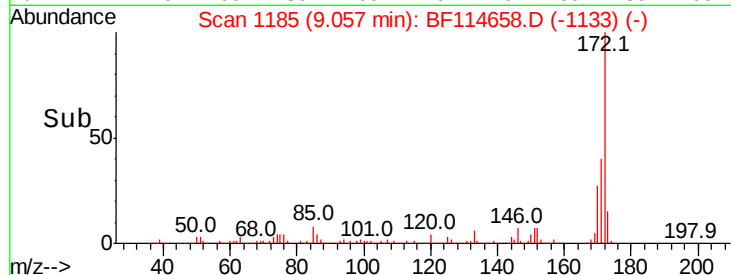
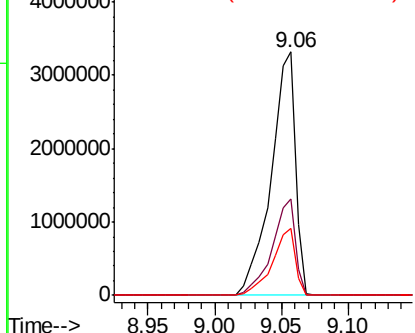
#45
2-Fluorobiphenyl
Concen: 80.809 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 4257372
Ion Ratio Lower Upper
172 100
171 39.7 30.6 45.8
170 27.3 20.7 31.1

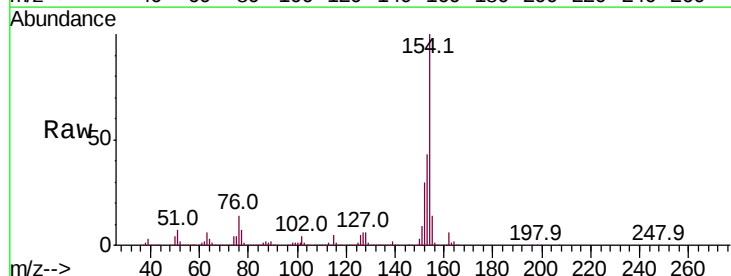


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

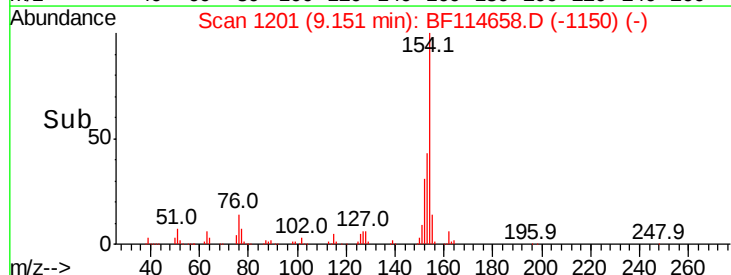
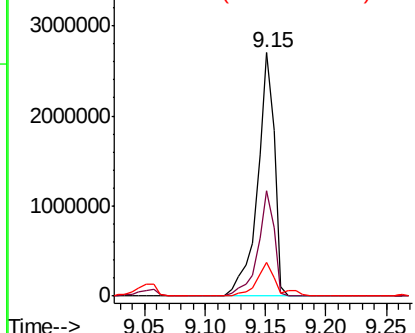


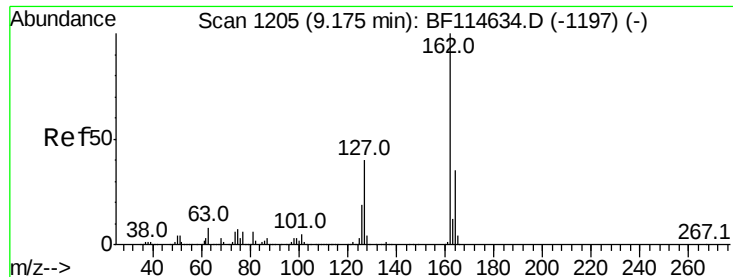
#46
1,1'-Biphenyl
Concen: 36.132 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion:154 Resp: 2628742
Ion Ratio Lower Upper
154 100
153 43.3 23.0 63.0
76 14.0 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



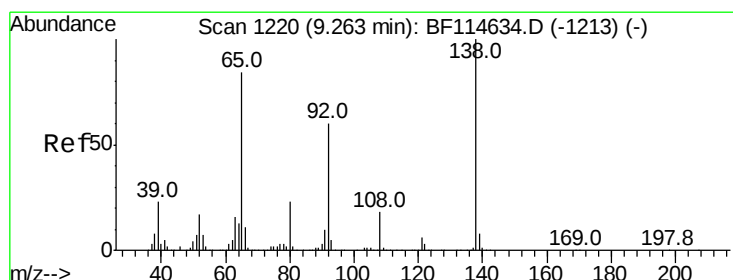
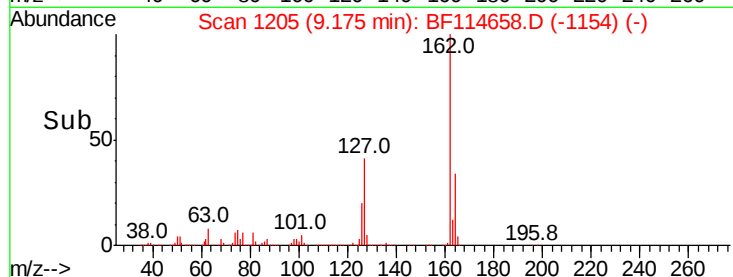
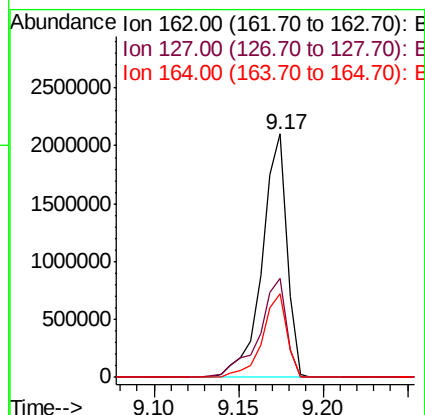
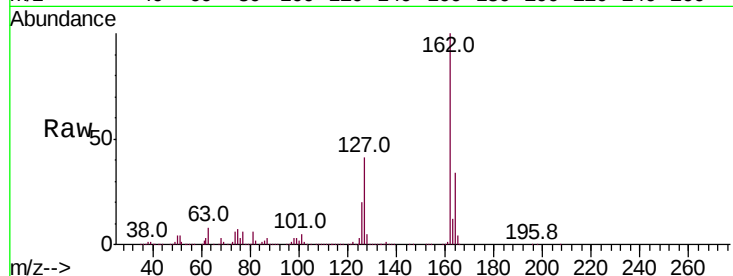


#47
 2-Chloronaphthalene
 Concen: 35.925 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 2143978

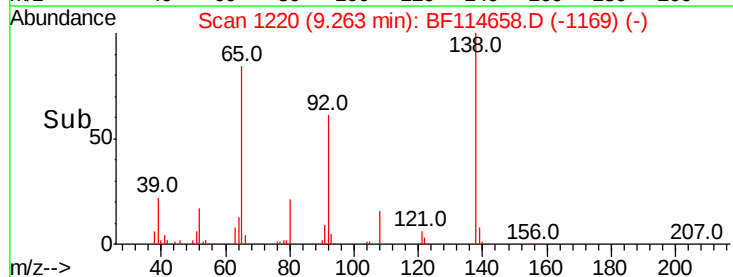
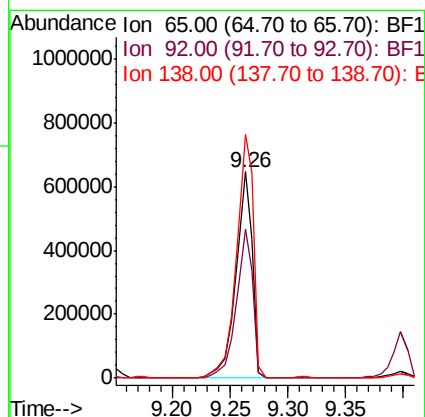
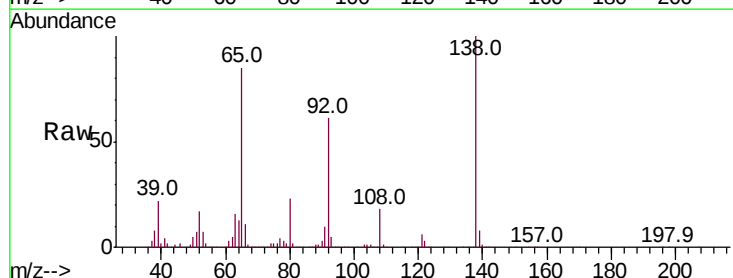
Ion	Ratio	Lower	Upper
162	100		
127	40.8	32.2	48.2
164	34.4	27.8	41.6

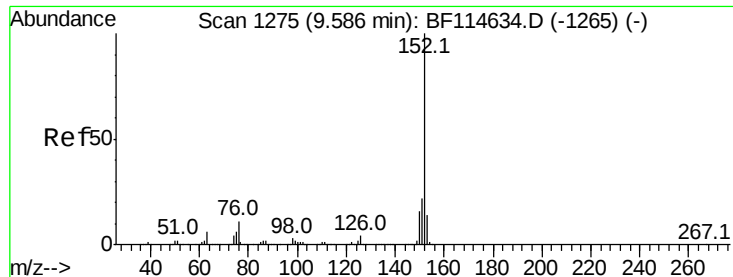


#48
 2-Nitroaniline
 Concen: 34.109 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

Tgt Ion: 65 Resp: 628177

Ion	Ratio	Lower	Upper
65	100		
92	72.0	57.1	85.7
138	118.1	95.8	143.6





#49

Acenaphthylene

Concen: 34.548 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

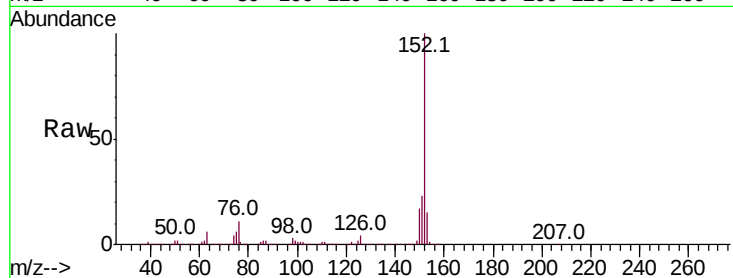
Tot Ion:152 Resp: 3185226

Ion Ratio Lower Upper

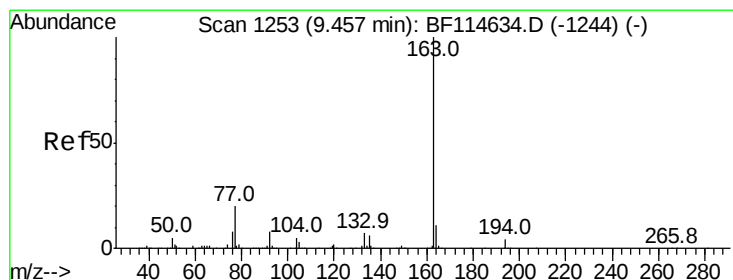
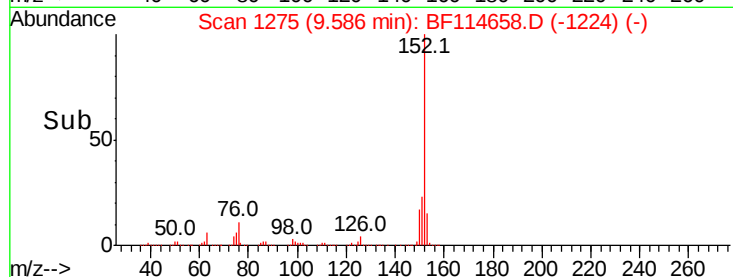
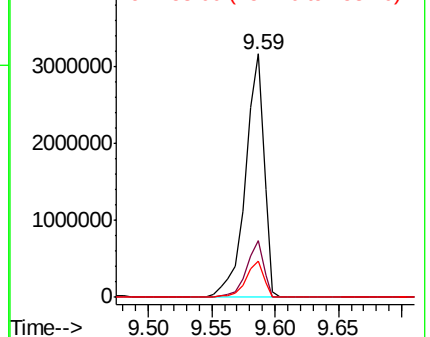
152 100

151 23.1 17.5 26.3

153 15.1 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: 34.849 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

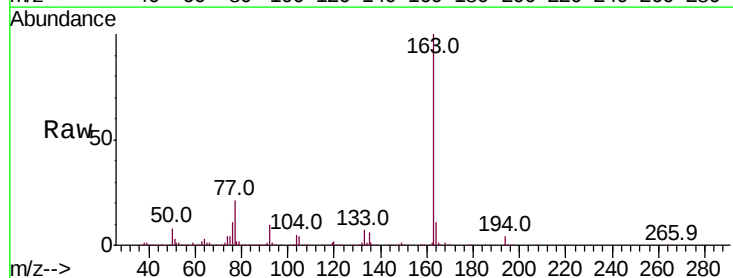
Tgt Ion:163 Resp: 2379999

Ion Ratio Lower Upper

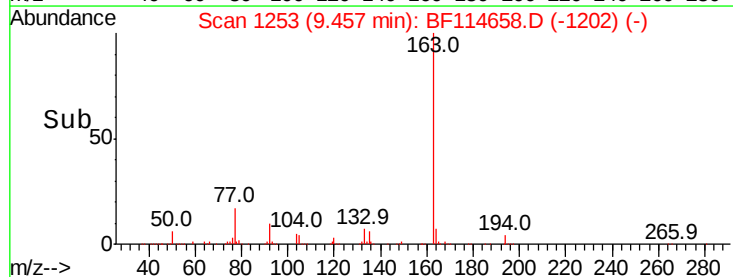
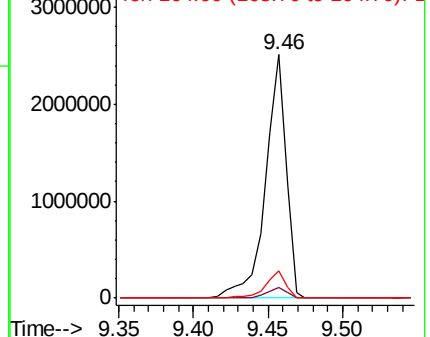
163 100

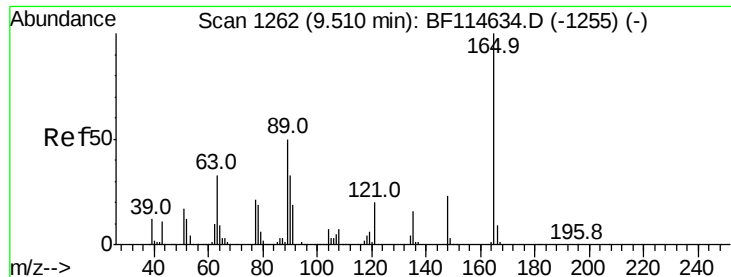
194 4.3 3.4 5.0

164 11.5 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

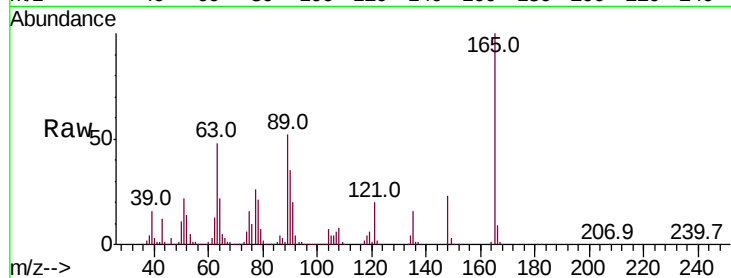




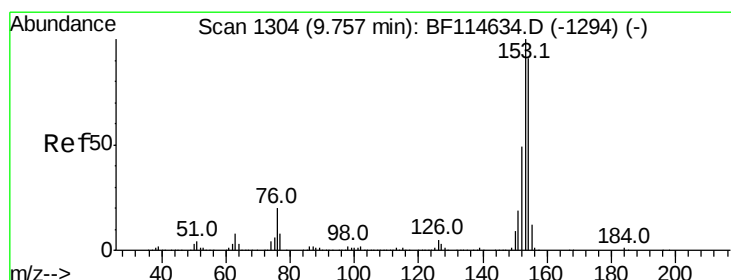
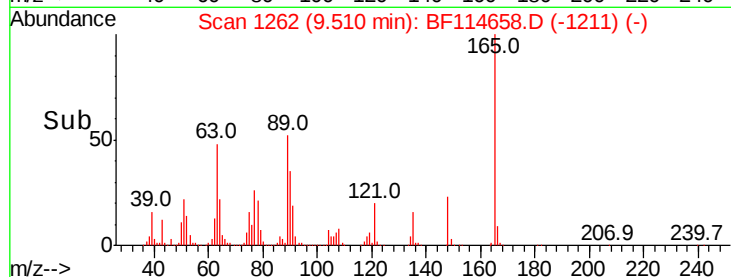
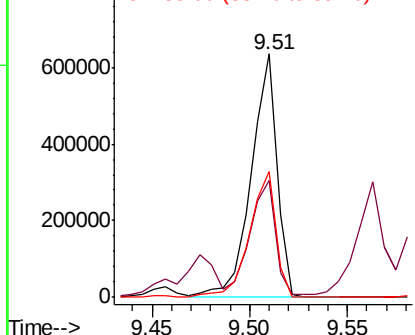
#51
 2,6-Dinitrotoluene
 Concen: 36.709 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 582544
 Ion Ratio Lower Upper
 165 100
 63 47.8 36.6 54.8
 89 51.6 40.2 60.4

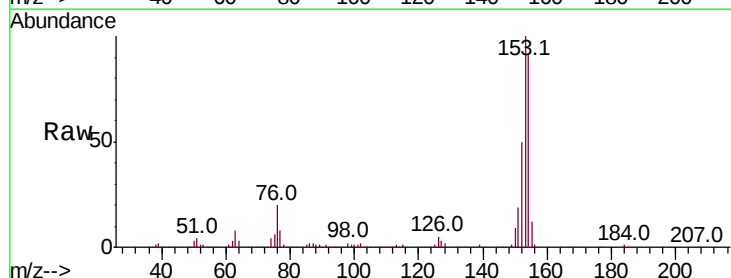


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

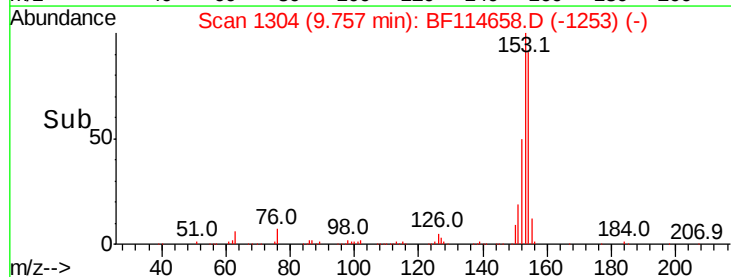
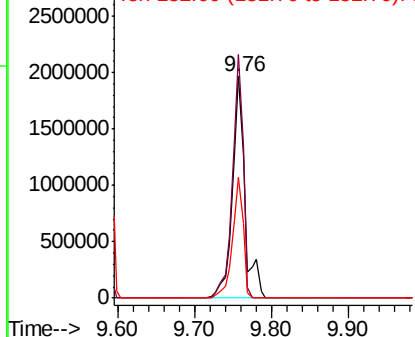


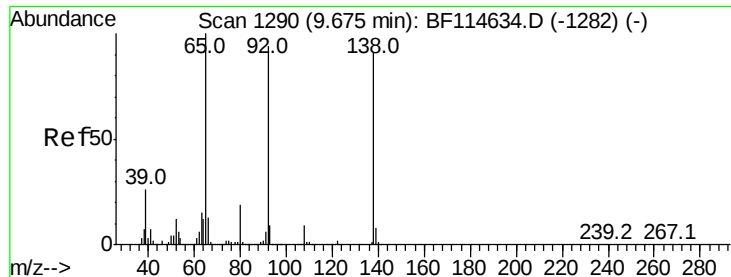
#52
 Acenaphthene
 Concen: 39.434 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

Tgt Ion:154 Resp: 2229706
 Ion Ratio Lower Upper
 154 100
 153 109.9 88.4 132.6
 152 54.6 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

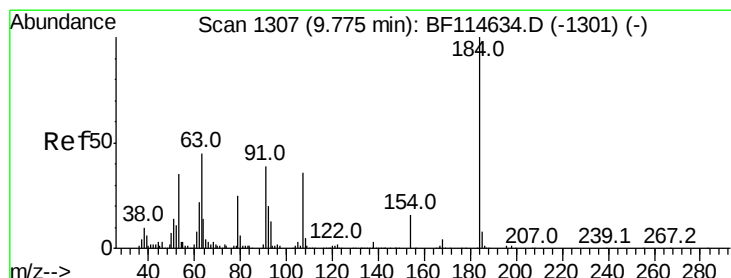
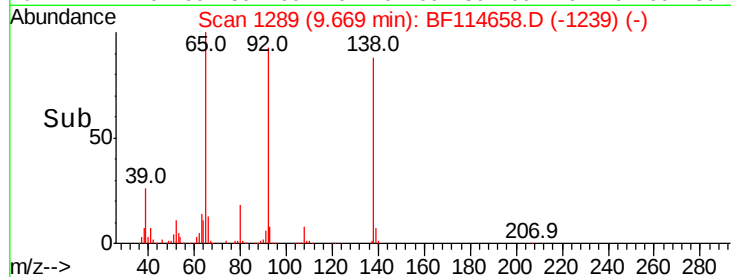
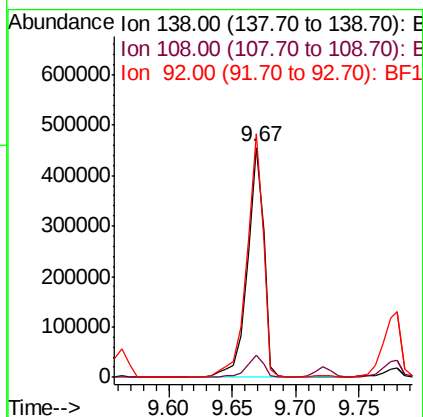
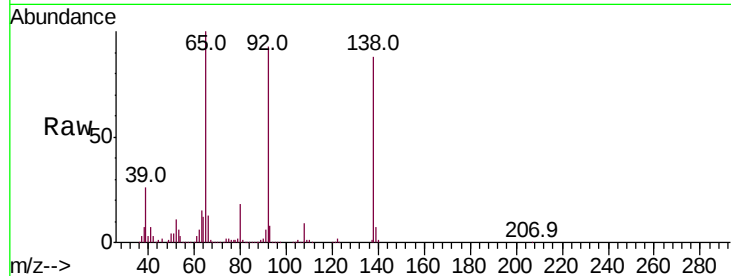




#53
3-Nitroaniline
Concen: 21.053 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

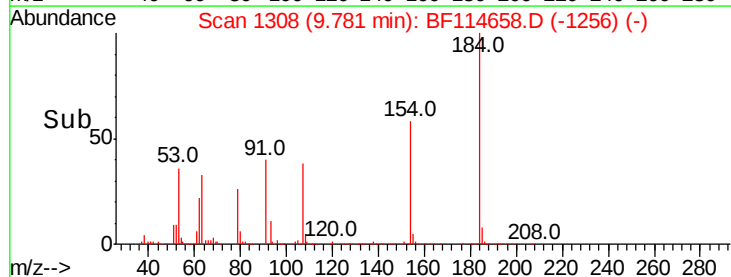
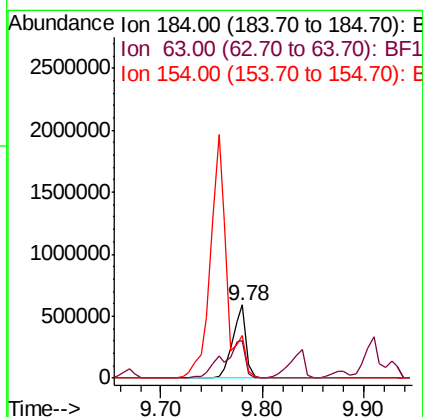
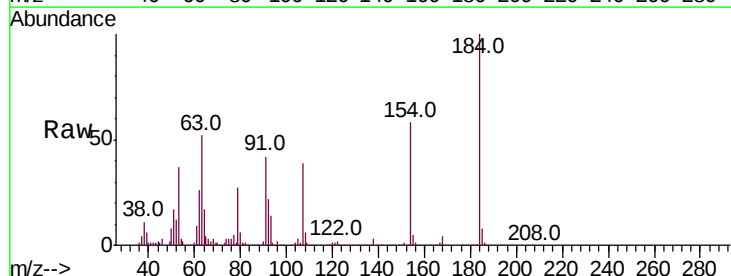
Instrument :
BNA_F
ClientSampleId :

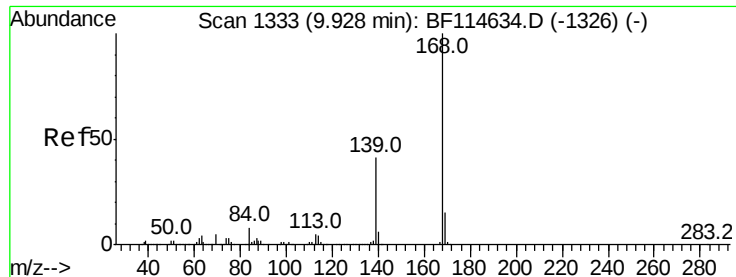
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.3	12.5
92	106.0	83.1	124.7



#54
2,4-Dinitrophenol
Concen: 86.425 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.8	38.8	58.2
154	57.9	43.7	65.5





#55

Dibenzofuran

Concen: 34.973 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

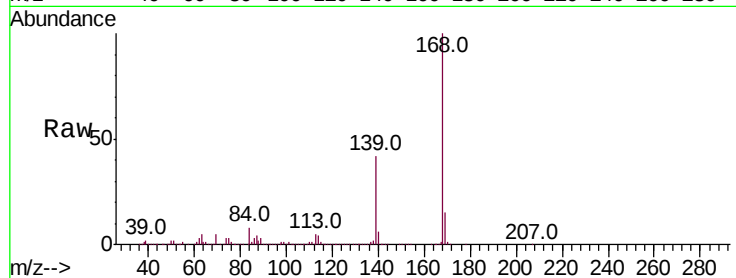
Tot Ion:168 Resp: 2814832

Ion Ratio Lower Upper

168 100

139 42.1 32.6 48.8

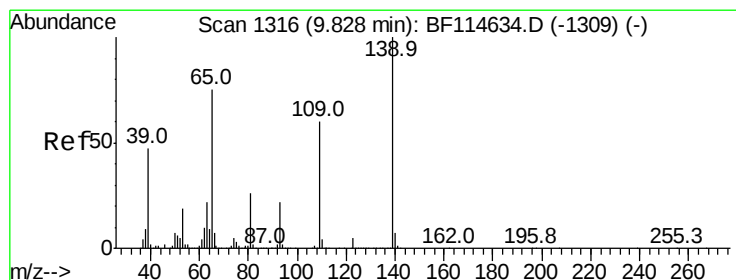
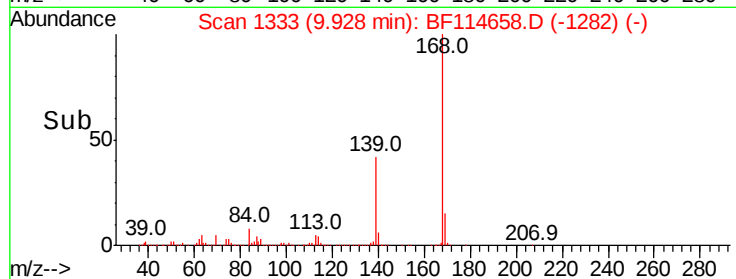
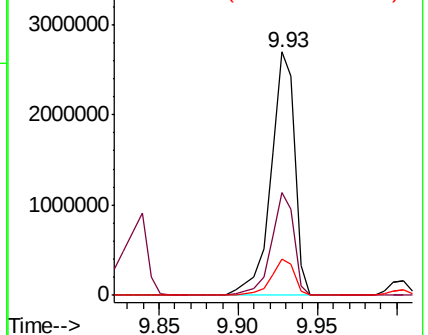
169 15.1 11.8 17.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 69.113 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

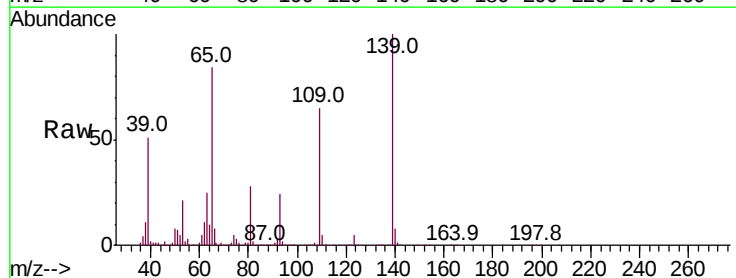
Tgt Ion:139 Resp: 994739

Ion Ratio Lower Upper

139 100

109 65.4 40.4 80.4

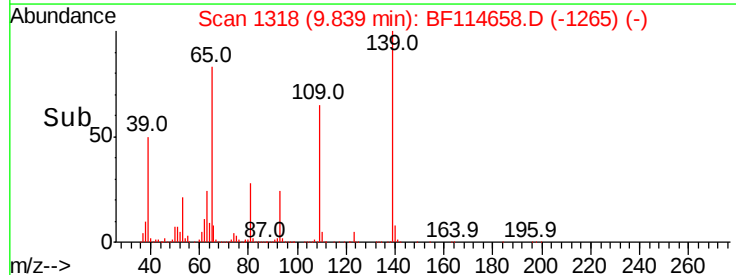
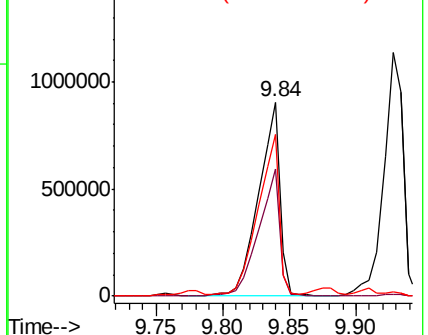
65 83.5 54.7 94.7

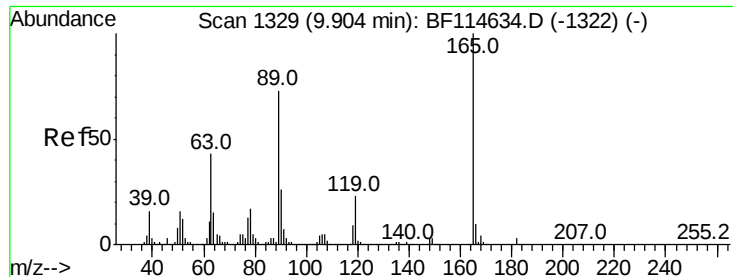


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

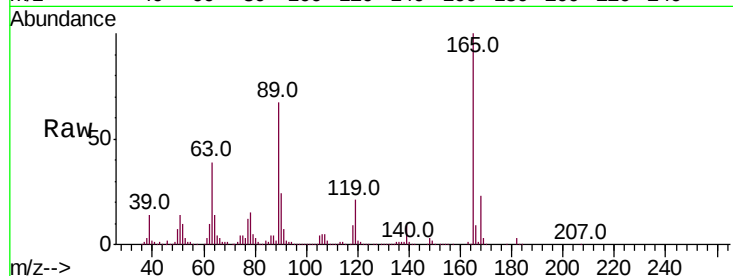




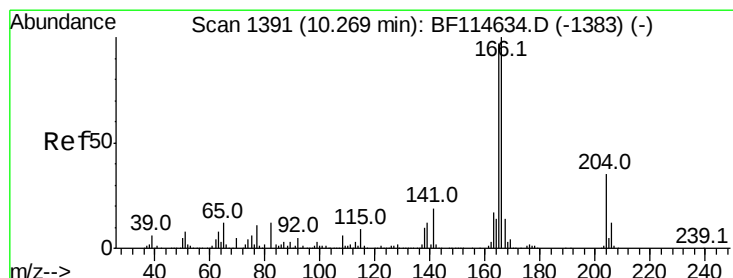
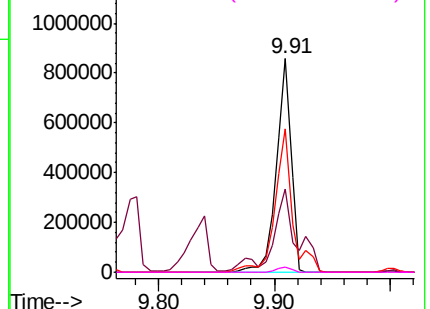
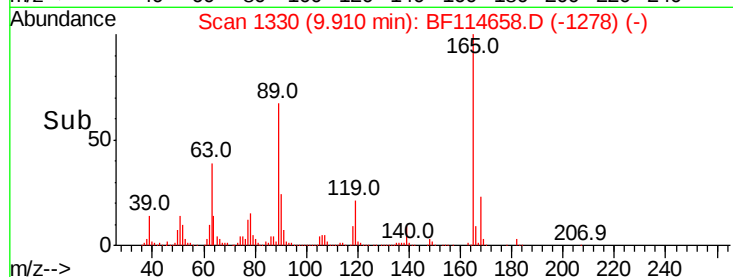
#57
2,4-Dinitrotoluene
Concen: 37.300 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 759670
Ion Ratio Lower Upper
165 100
63 39.1 34.8 52.2
89 67.1 58.5 87.7
182 2.5 2.2 3.2

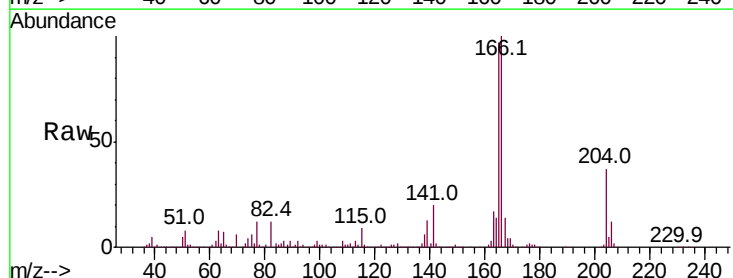


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

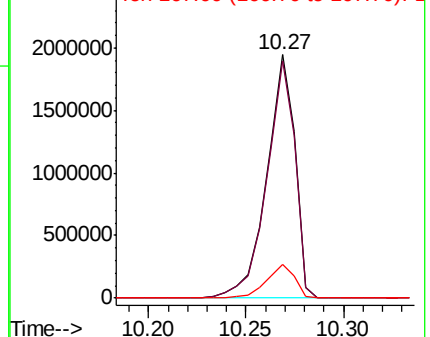
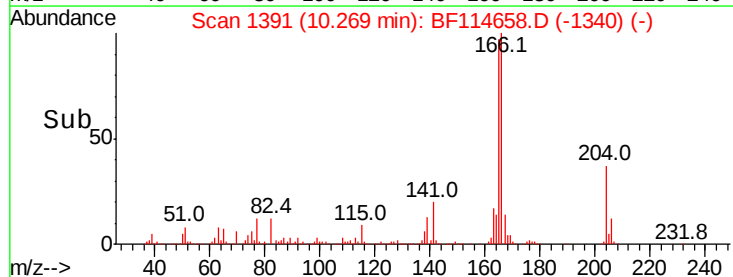


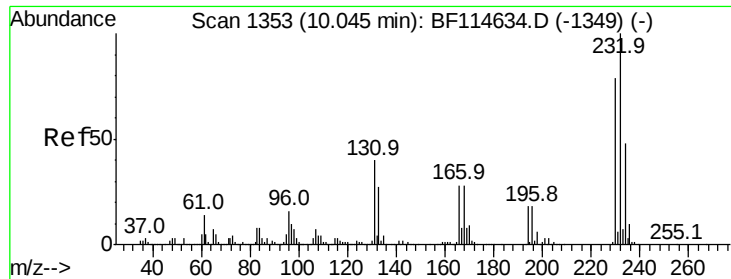
#58
Fluorene
Concen: 33.955 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion:166 Resp: 1939511
Ion Ratio Lower Upper
166 100
165 97.2 77.6 116.4
167 13.9 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

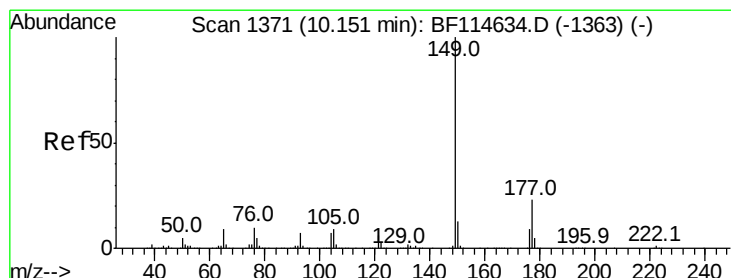
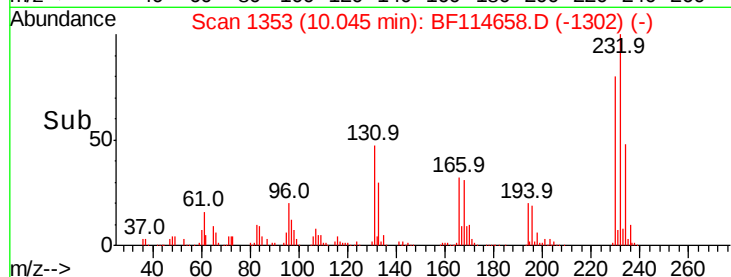
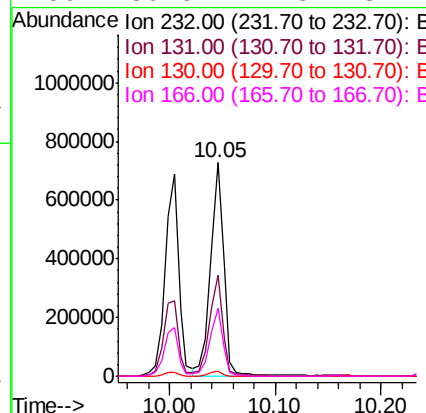
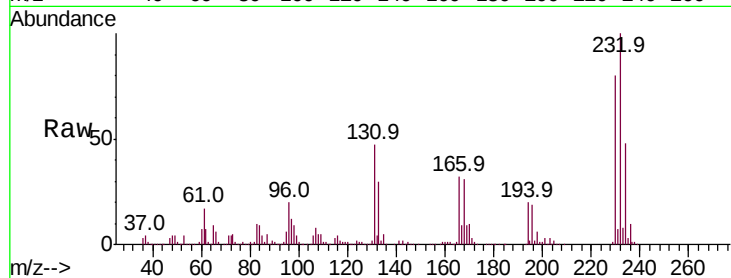




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.959 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

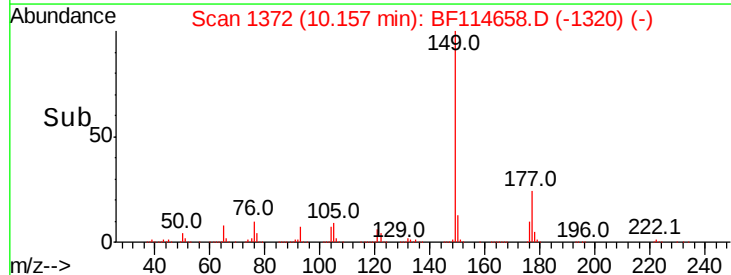
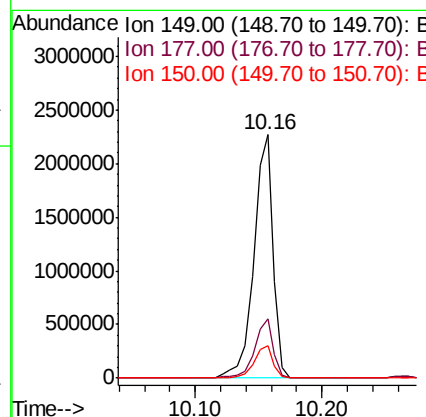
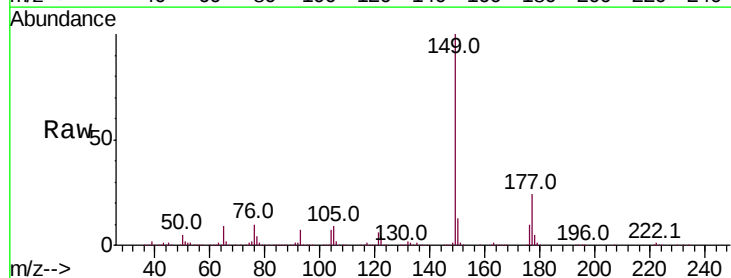
Instrument :
 BNA_F
 ClientSampleId :

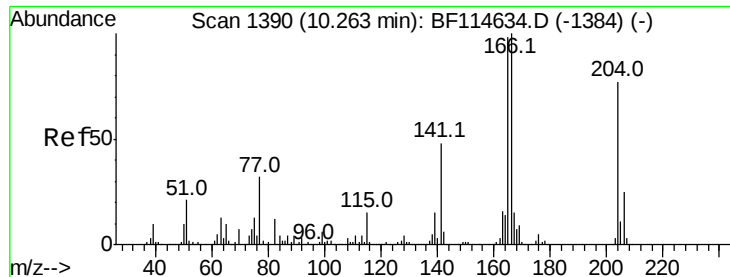
Tot Ion:	232	Resp:	636745
Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.2	55.8
130	2.3	1.8	2.8
166	30.6	24.8	37.2



#60
 Diethylphthalate
 Concen: 34.101 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.01 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

Tgt Ion:	149	Resp:	2378644
Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.6	28.0
150	13.1	10.6	15.8

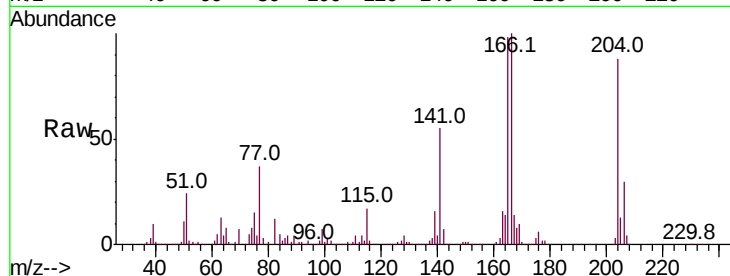




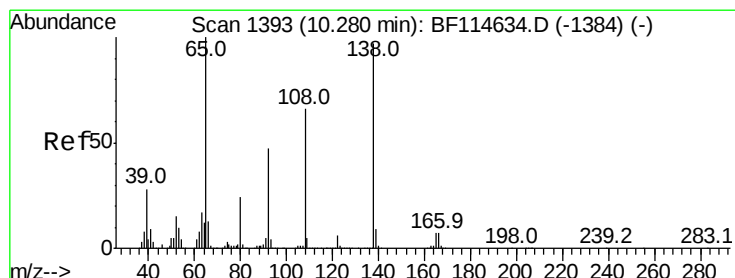
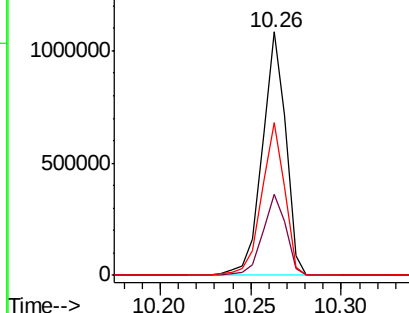
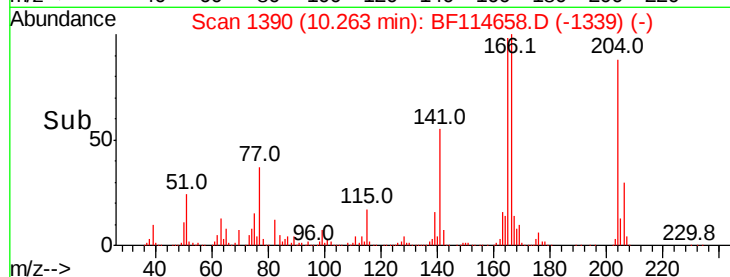
#61
 4-Chlorophenyl-phenylether
 Concen: 33.829 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.4	39.6
141	62.7	50.0	75.0

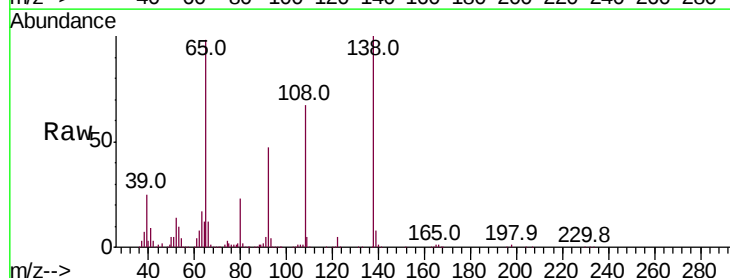


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

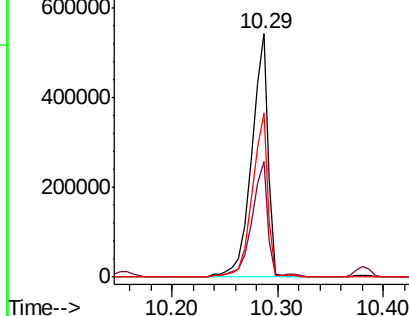
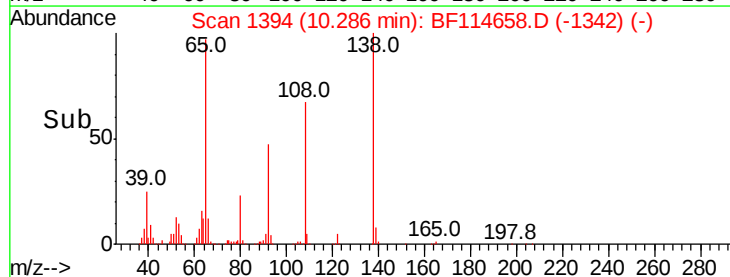


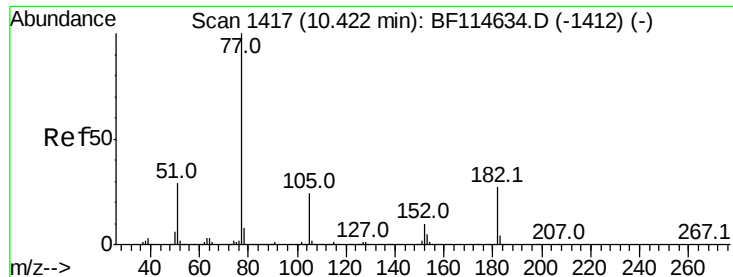
#62
 4-Nitroaniline
 Concen: 31.340 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	28.0	68.0
108	67.4	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

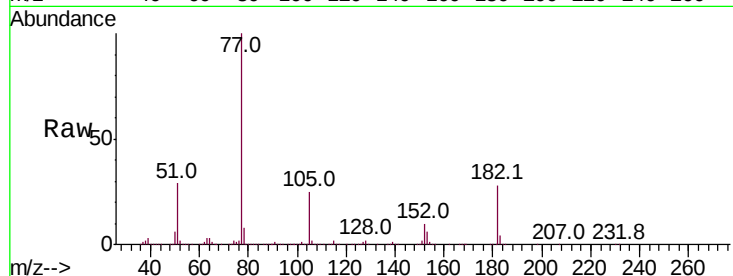




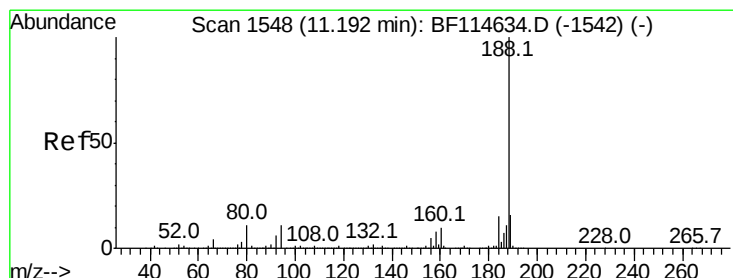
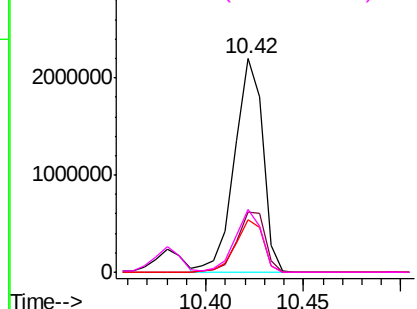
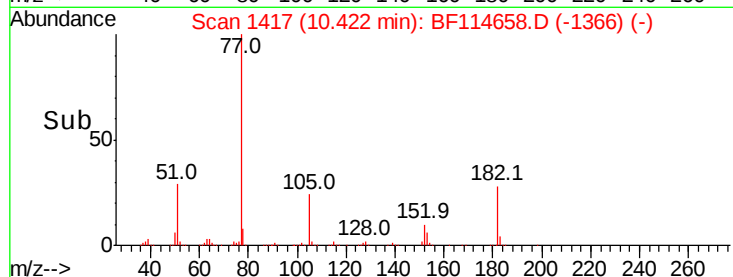
#63
Azobenzene
Concen: 34.452 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2206315
Ion Ratio Lower Upper
77 100
182 28.3 7.0 47.0
105 24.5 3.7 43.7
51 29.4 9.1 49.1

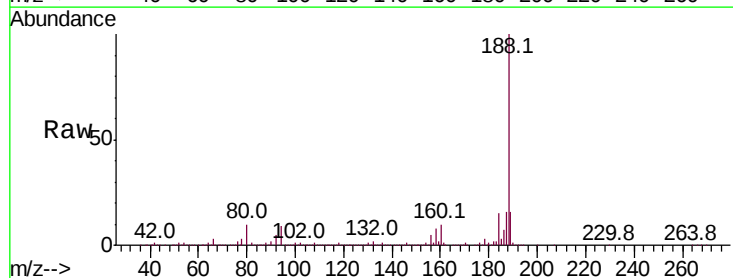


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

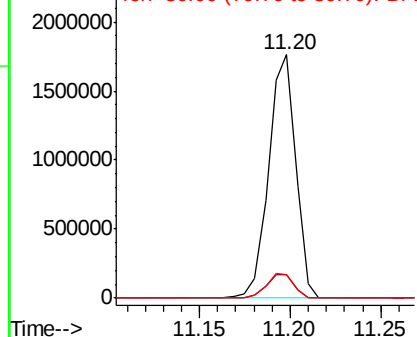
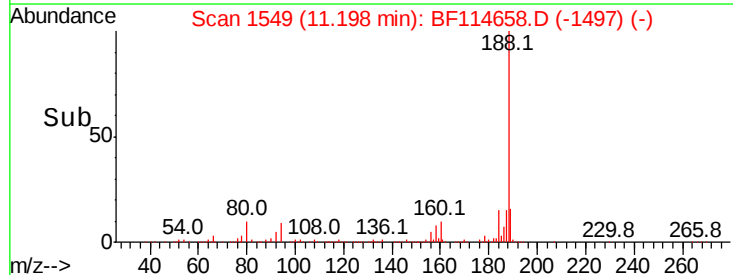


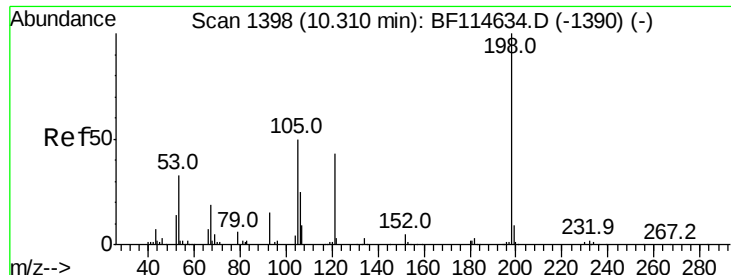
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion: 188 Resp: 1822559
Ion Ratio Lower Upper
188 100
94 9.4 8.6 13.0
80 9.7 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

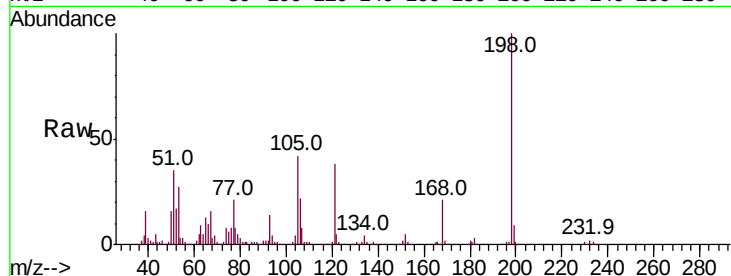




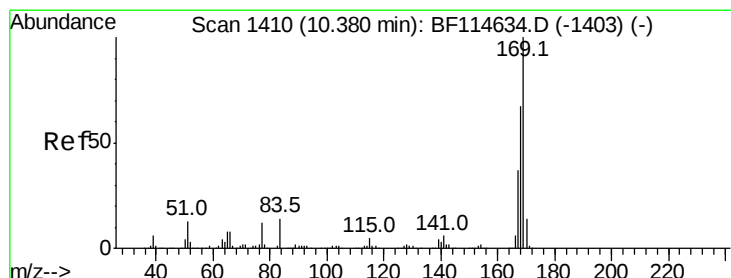
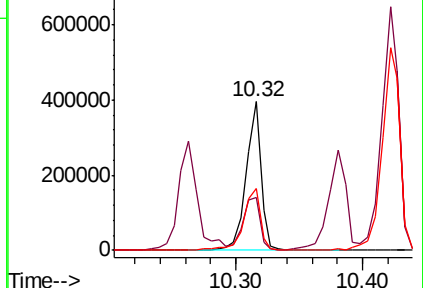
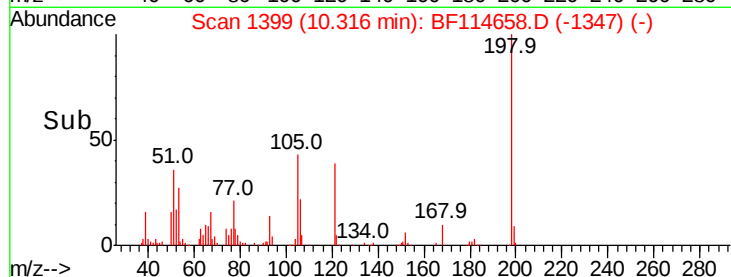
#65
4,6-Dinitro-2-methylphenol
Concen: 39.748 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 321222
Ion Ratio Lower Upper
198 100
51 35.5 29.0 69.0
105 41.7 30.4 70.4

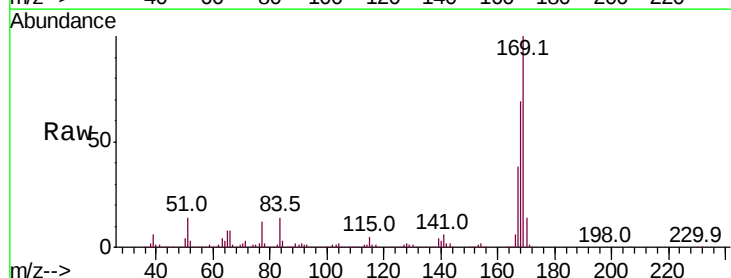


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

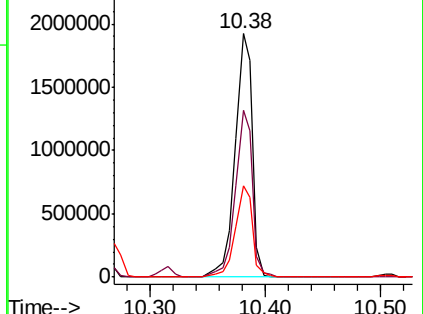
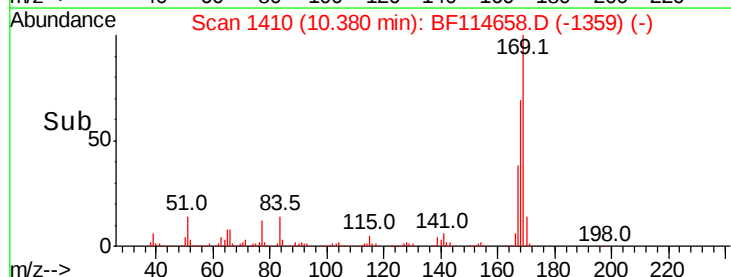


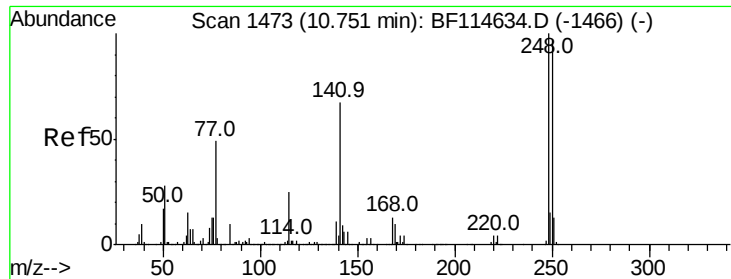
#66
n-Nitrosodiphenylamine
Concen: 36.511 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion:169 Resp: 1966027
Ion Ratio Lower Upper
169 100
168 68.7 53.8 80.8
167 37.6 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

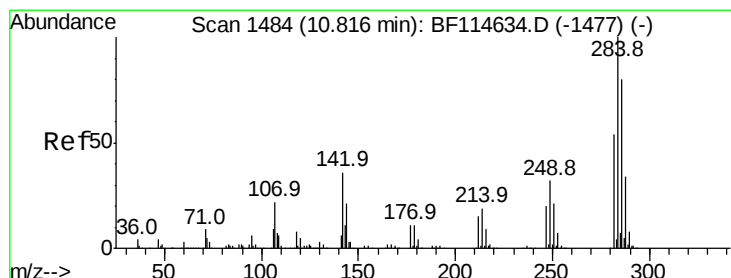
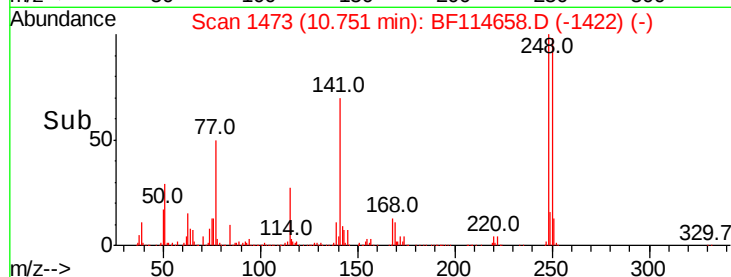
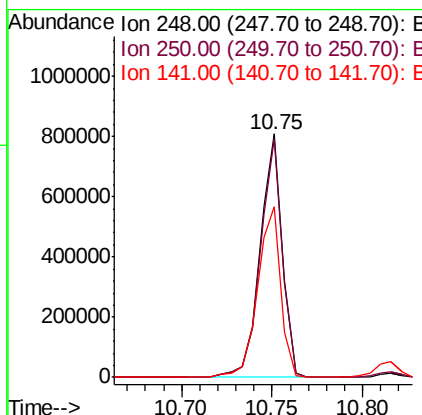
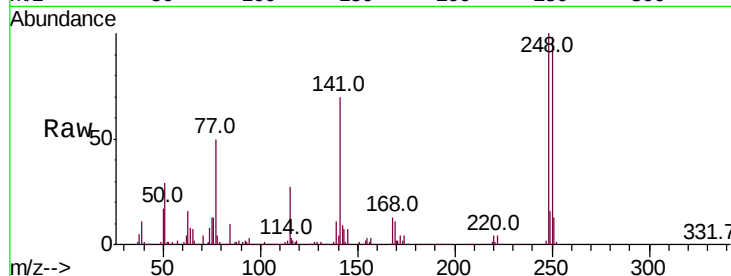




#67
4-Bromophenyl-phenylether
Concen: 35.138 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

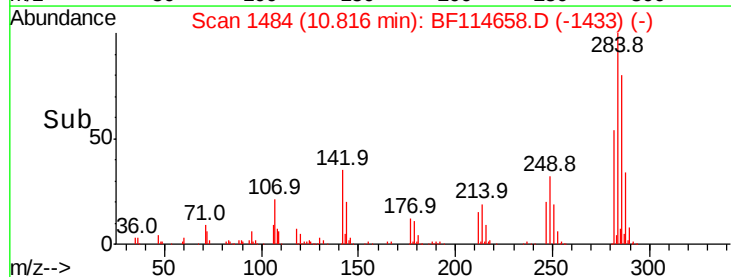
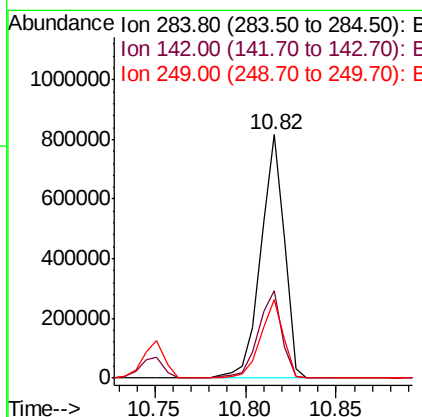
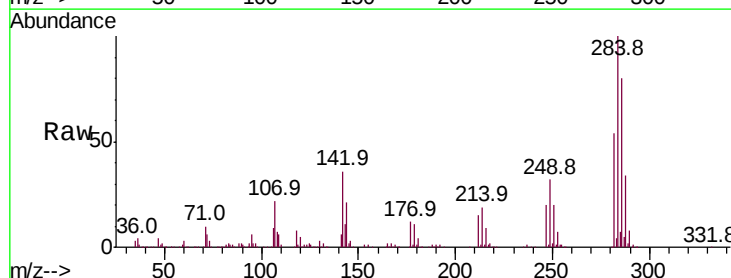
Instrument :
BNA_F
ClientSampleId :

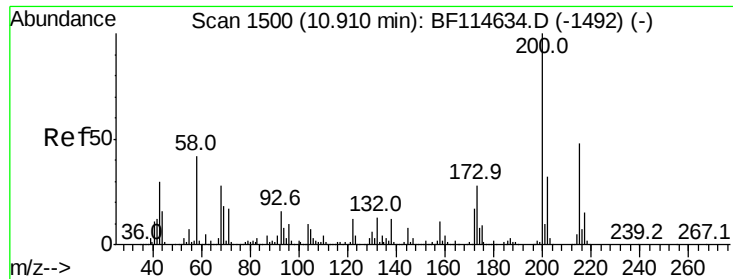
Tot Ion:248 Resp: 686758
Ion Ratio Lower Upper
248 100
250 98.2 78.0 117.0
141 70.1 53.8 80.8



#68
Hexachlorobenzene
Concen: 34.808 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion:284 Resp: 736849
Ion Ratio Lower Upper
284 100
142 35.9 28.9 43.3
249 32.3 25.8 38.6

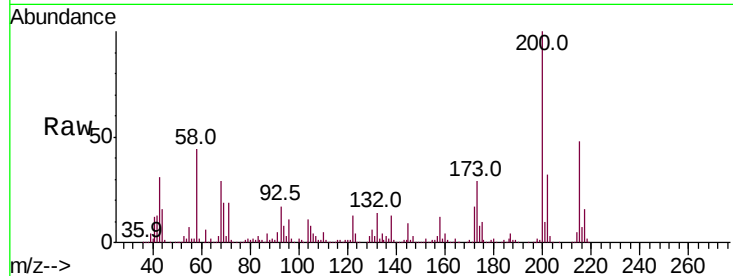




#69
Atrazine
Concen: 33.840 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	7.9	47.9
215	47.6	27.8	67.8

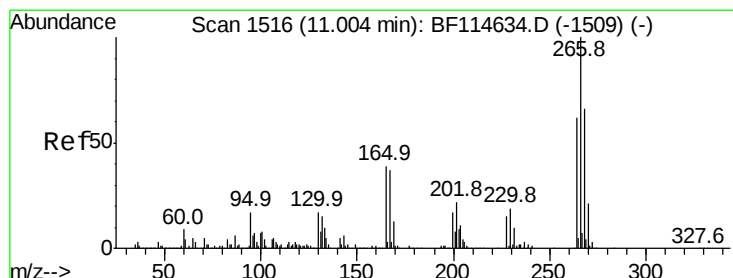
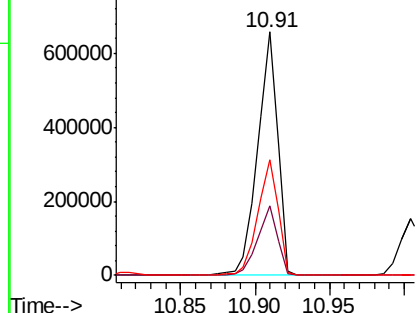
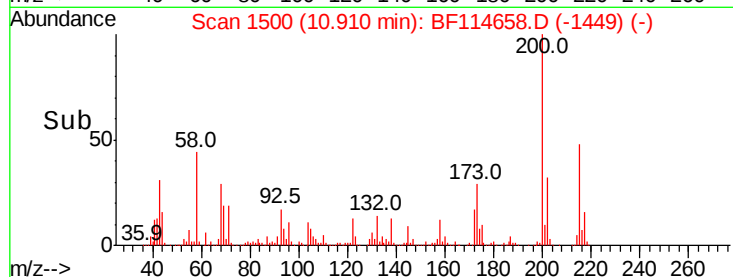


Abundance

Ion 200.00 (199.70 to 200.70): E

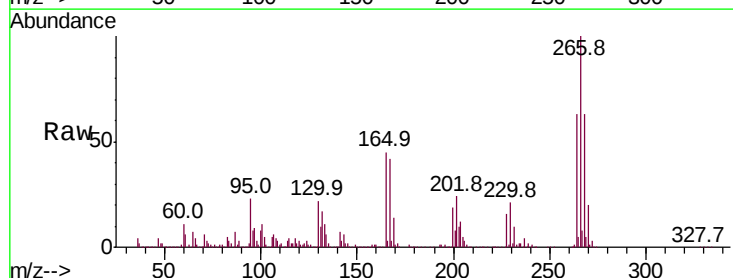
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 69.925 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	52.8	79.2
264	63.5	49.9	74.9

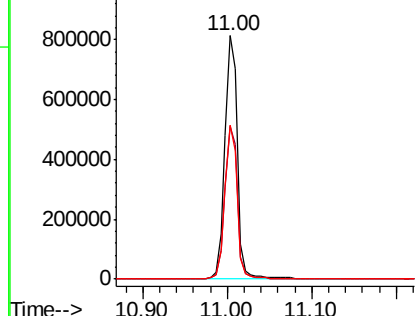
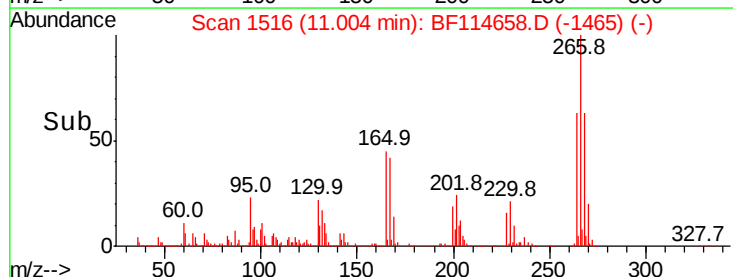


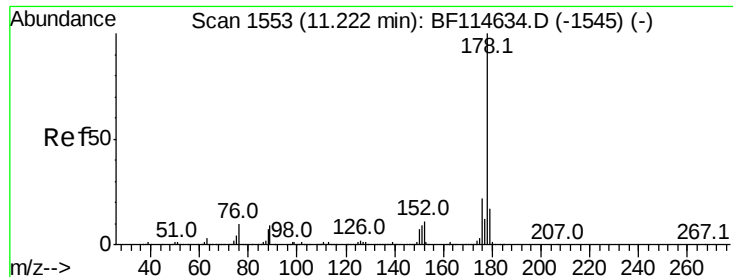
Abundance

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: 32.987 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

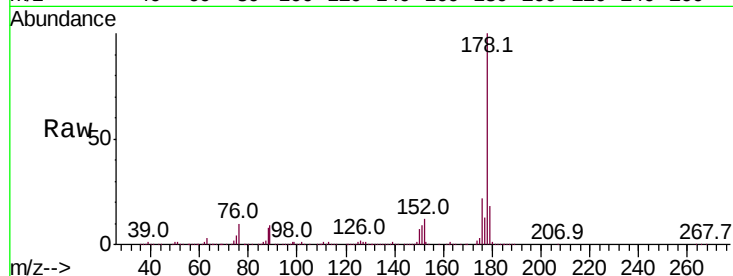
Tot Ion:178 Resp: 3066879

Ion Ratio Lower Upper

178 100

176 22.0 17.2 25.8

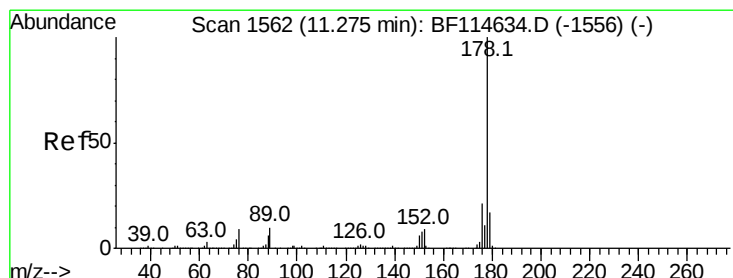
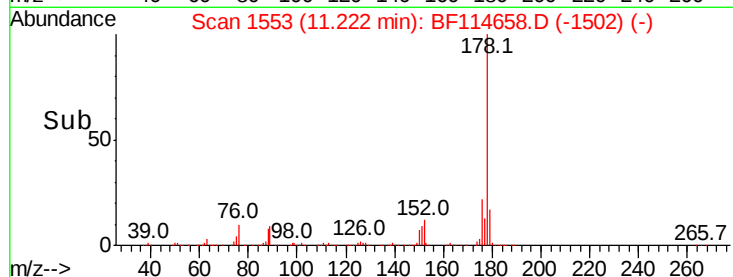
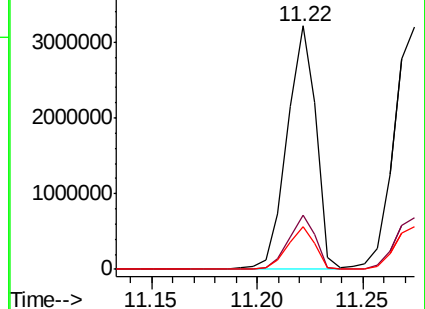
179 17.6 13.9 20.9



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: 32.885 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

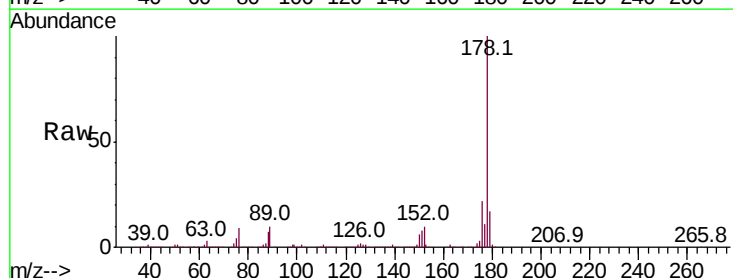
Tgt Ion:178 Resp: 3094372

Ion Ratio Lower Upper

178 100

176 21.5 16.6 24.8

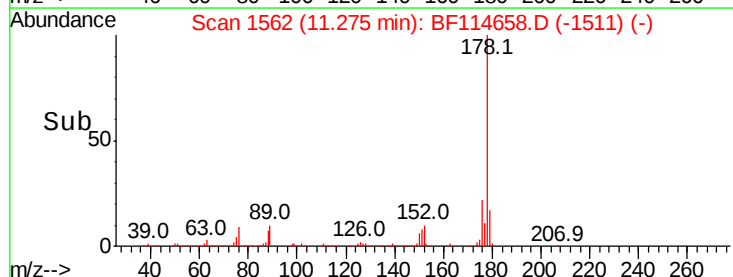
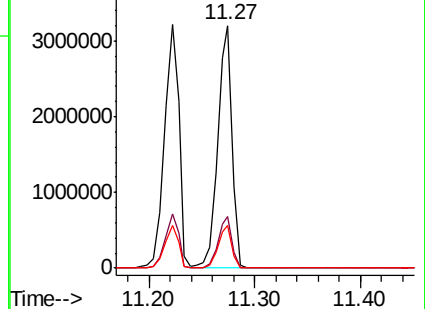
179 17.4 13.4 20.0

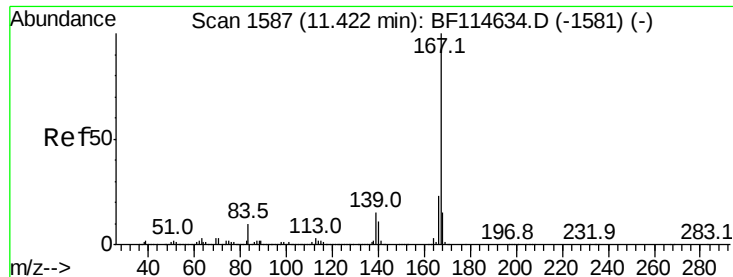


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



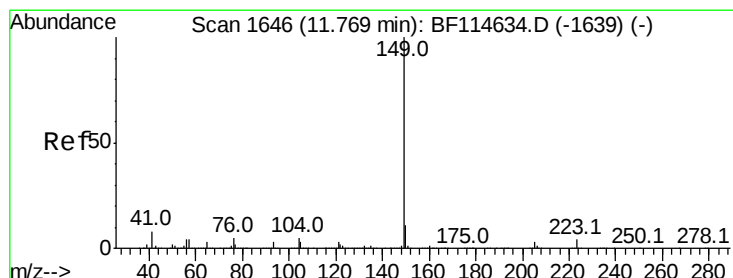
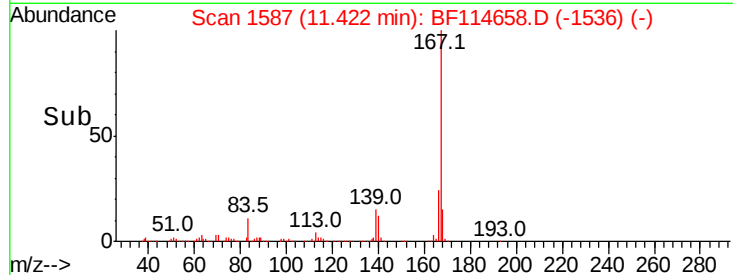
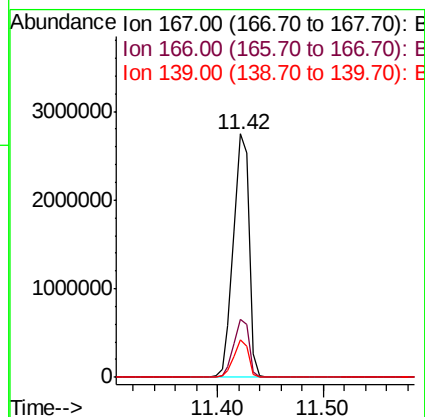
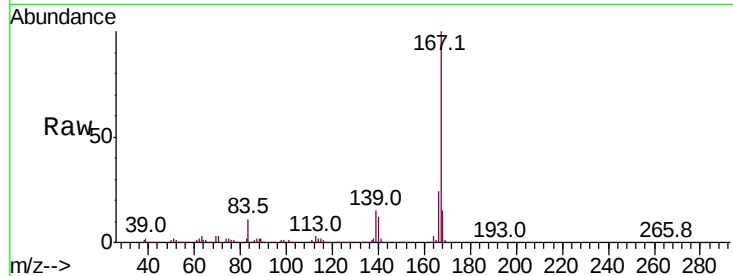


#73
 Carbazole
 Concen: 34.068 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2817339

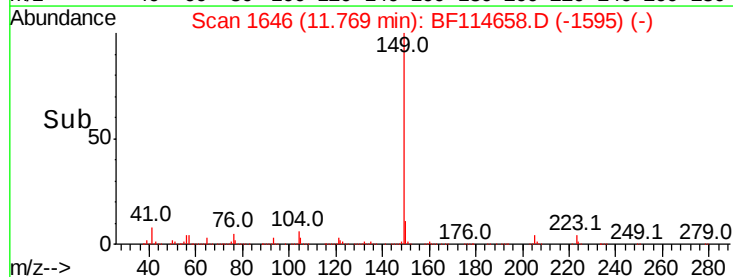
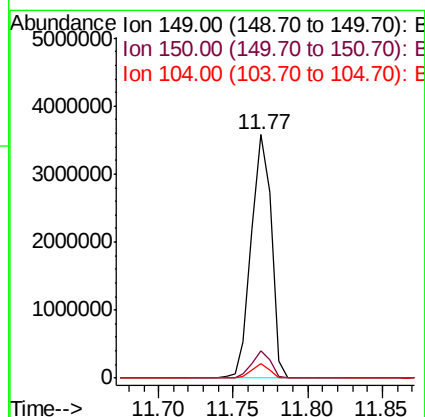
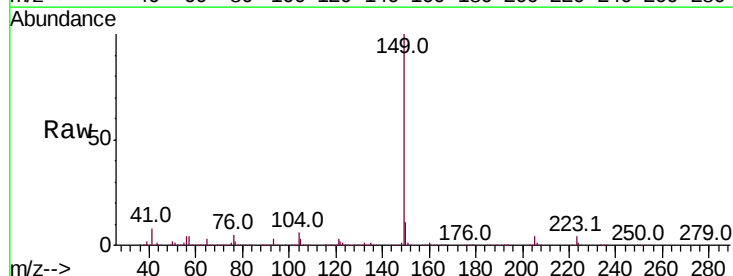
Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.7	28.1
139	15.4	11.8	17.8

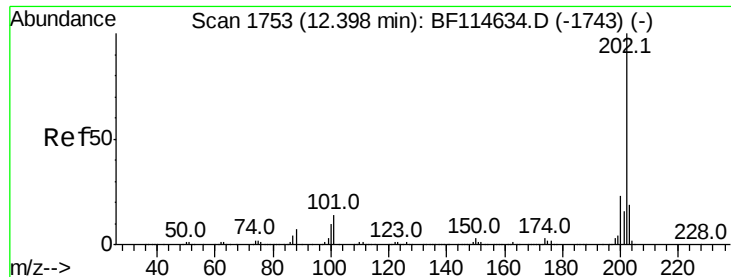


#74
 Di-n-butylphthalate
 Concen: 30.519 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BF114658.D
 Acq: 30 May 2019 14:00

Tgt Ion:149 Resp: 3321188

Ion	Ratio	Lower	Upper
149	100		
150	11.2	8.6	12.8
104	5.7	4.3	6.5





#75

Fluoranthene

Concen: 32.380 ng

RT: 12.40 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

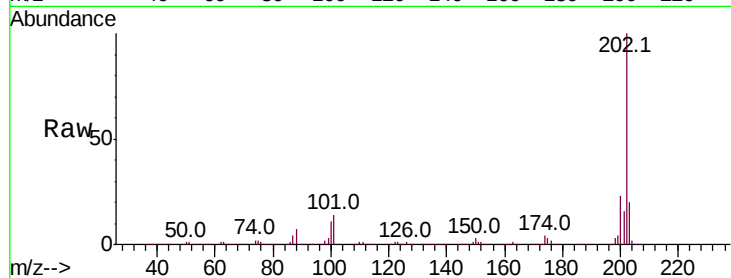
Tot Ion:202 Resp: 3117261

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.9

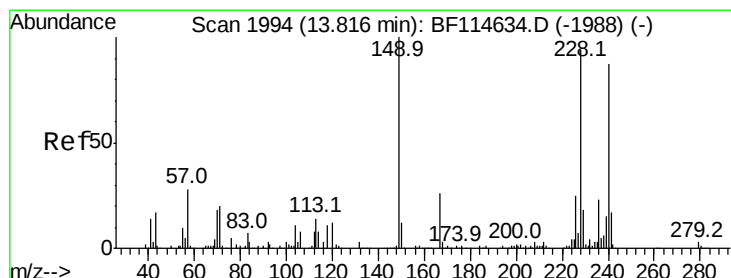
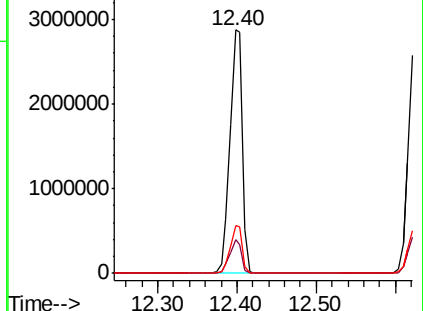
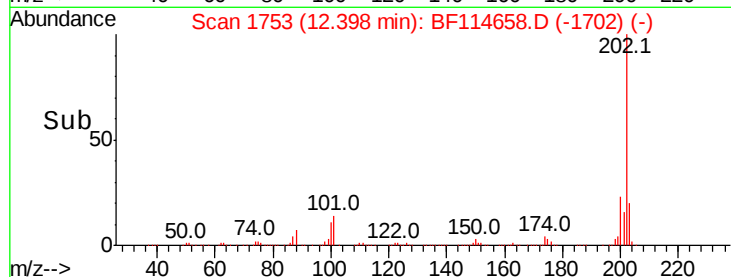
203 19.6 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

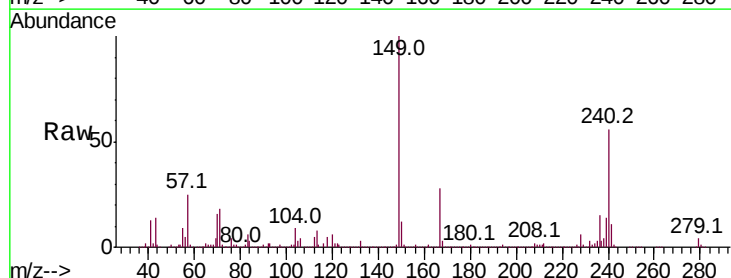
Tgt Ion:240 Resp: 1076375

Ion Ratio Lower Upper

240 100

120 10.4 11.2 16.8#

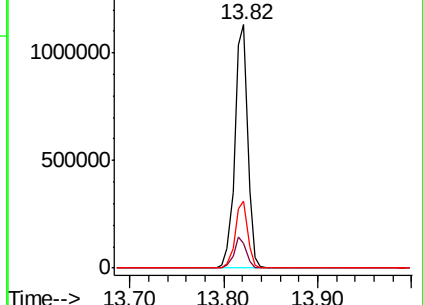
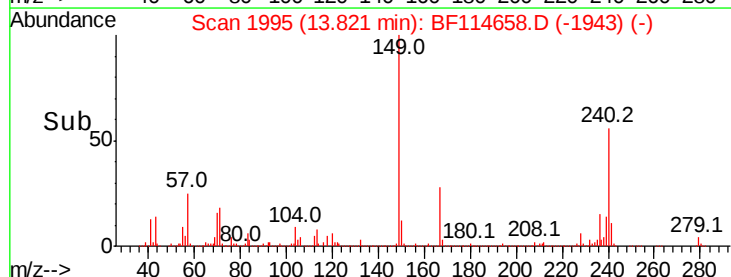
236 27.3 21.2 31.8

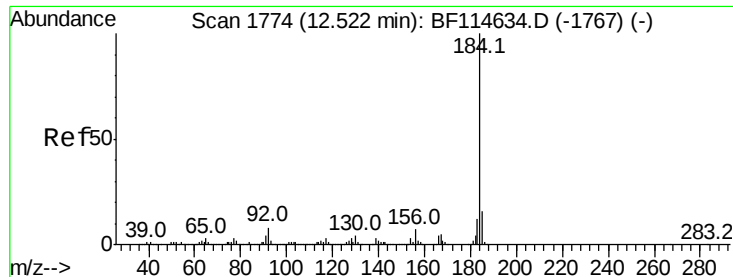


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.703 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

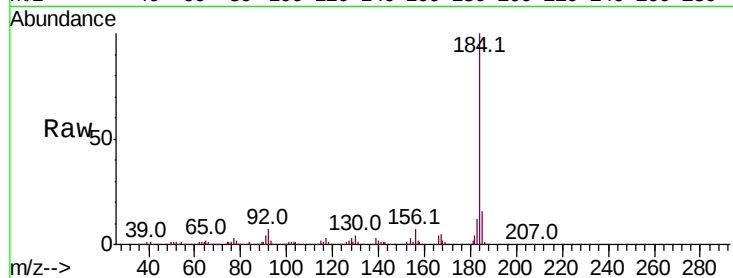
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1139236

Ion	Ratio	Lower	Upper
184	100		
185	15.8	12.6	18.8
183	11.8	9.4	14.2

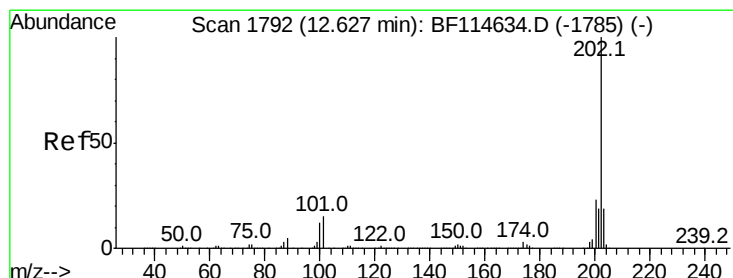
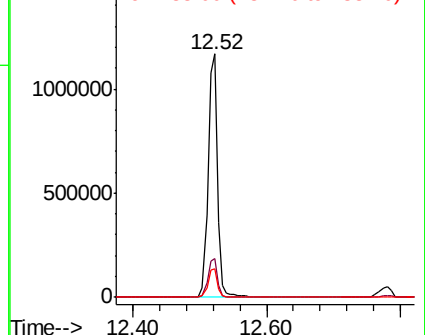
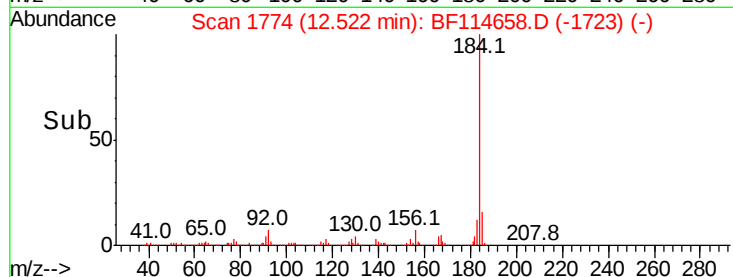


Abundance

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: 34.375 ng

RT: 12.63 min Scan# 1792

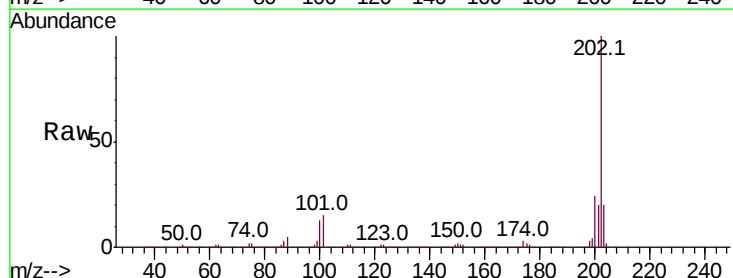
Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Tgt Ion:202 Resp: 3129947

Ion	Ratio	Lower	Upper
202	100		
200	24.4	18.6	28.0
203	20.1	15.4	23.2

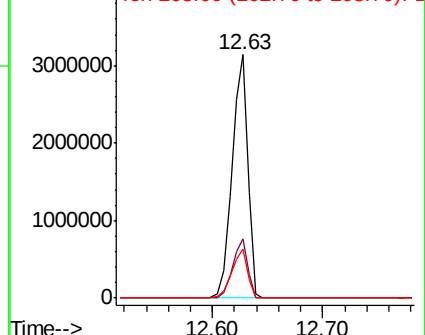
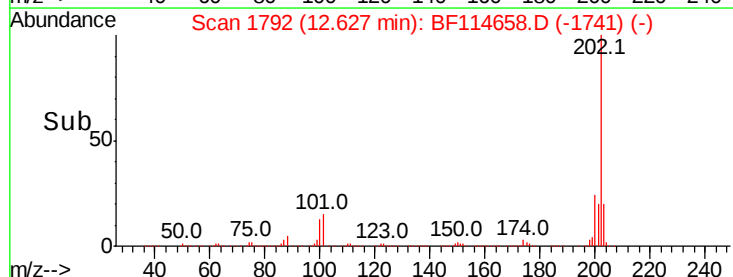


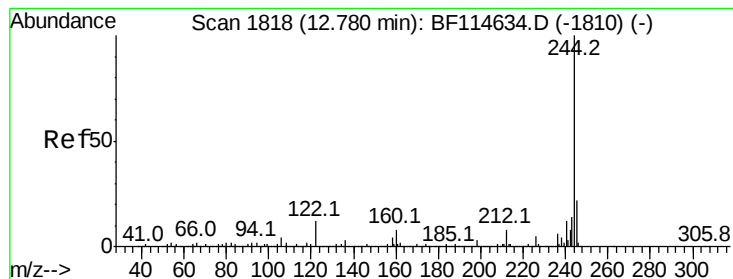
Abundance

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: 75.622 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

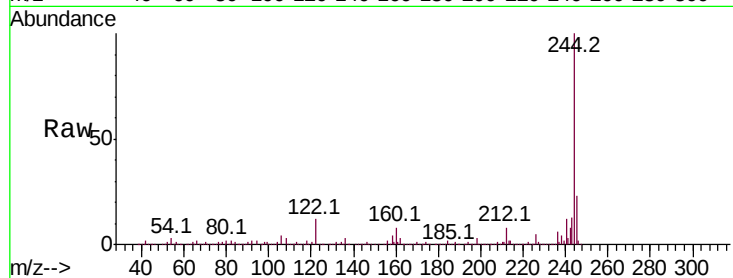
Tot Ion:244 Resp: 4329338

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

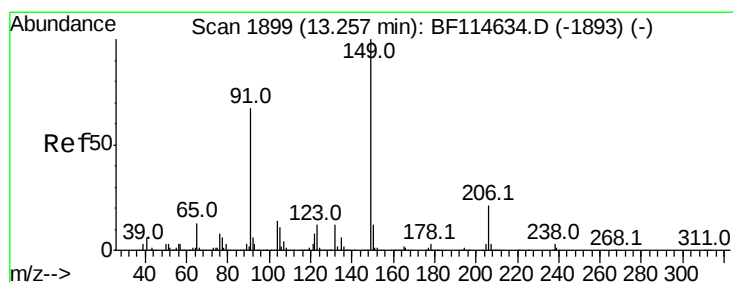
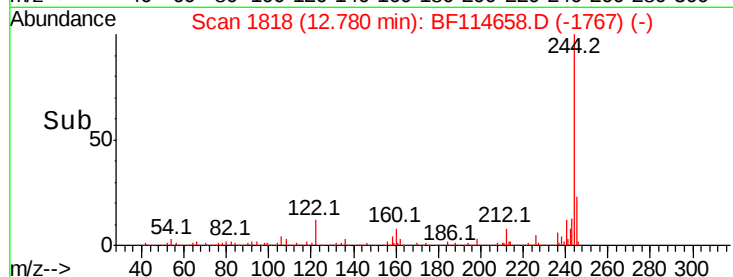
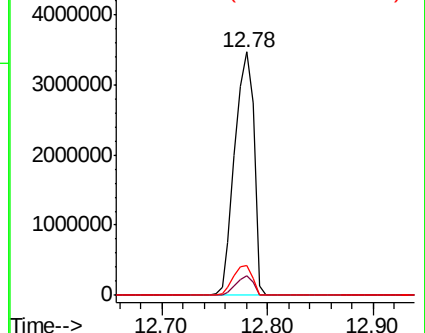
122 12.4 9.8 14.8



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: 33.407 ng

RT: 13.26 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

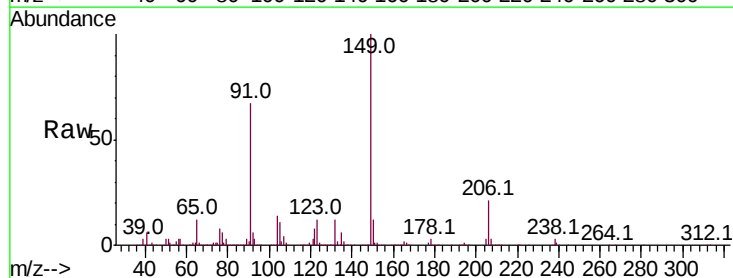
Tgt Ion:149 Resp: 1528715

Ion Ratio Lower Upper

149 100

91 67.1 53.8 80.8

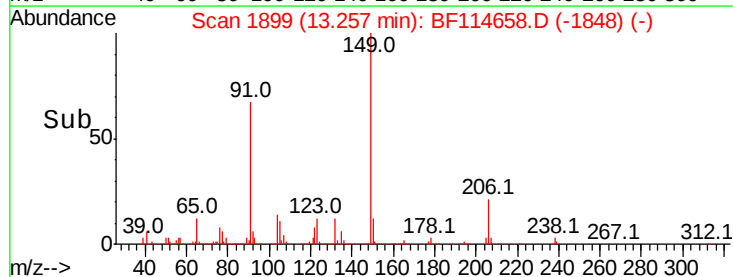
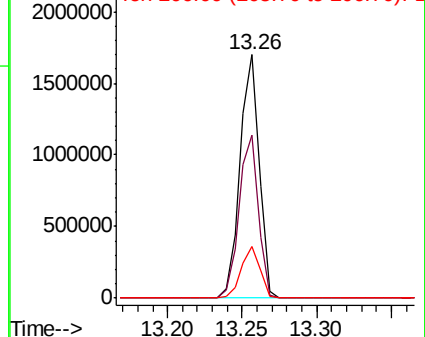
206 21.0 16.9 25.3

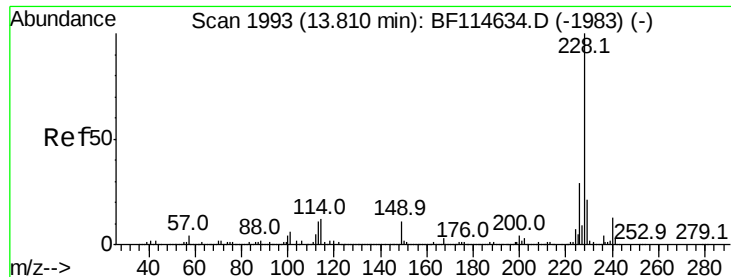


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.006 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

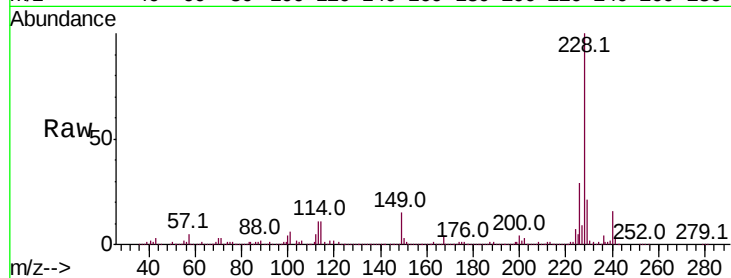
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2812818

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.6
229	21.2	17.0	25.4

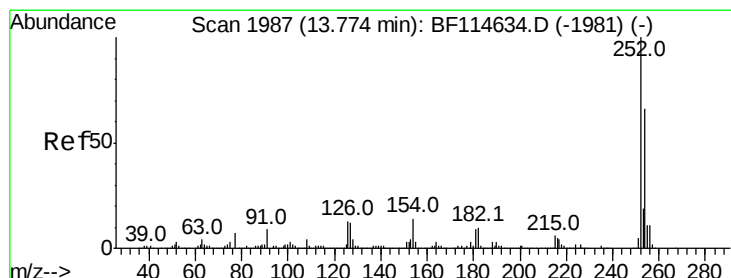
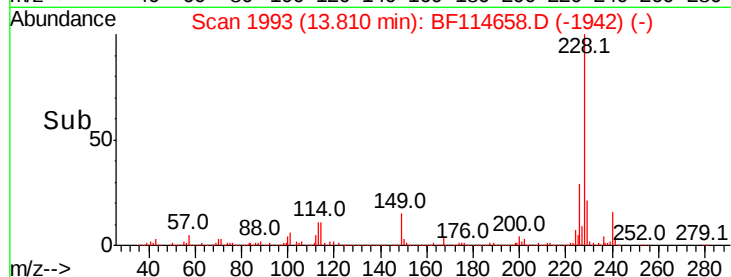
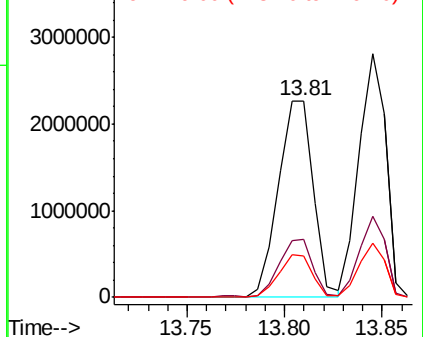


Abundance

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: 28.751 ng

RT: 13.77 min Scan# 1987

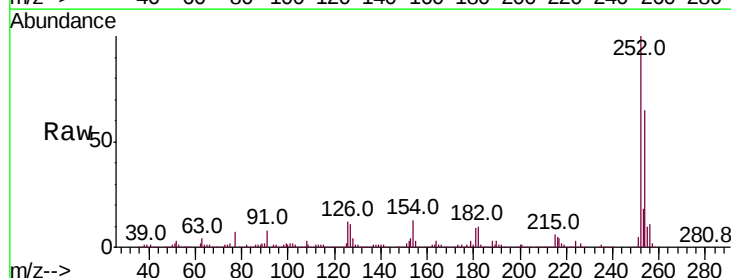
Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Tgt Ion:252 Resp: 918407

Ion	Ratio	Lower	Upper
252	100		
254	65.4	53.1	79.7
126	11.7	10.2	15.2

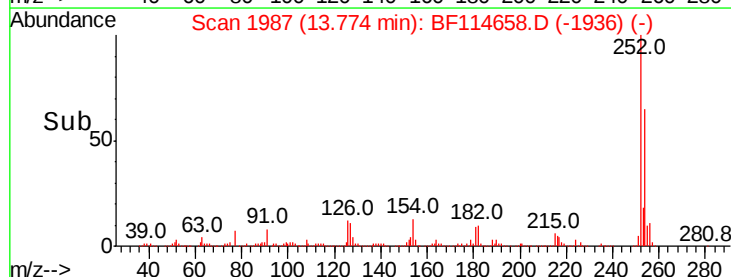
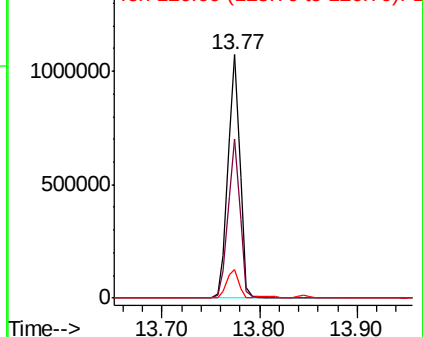


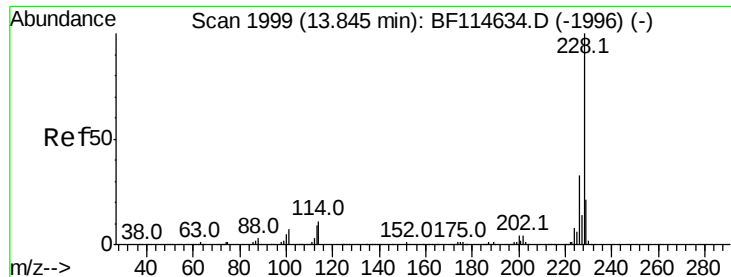
Abundance

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: 34.478 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

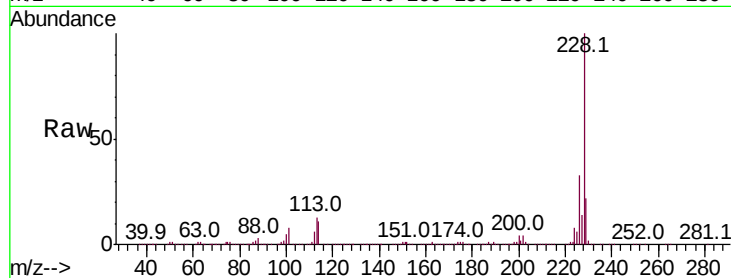
Tot Ion:228 Resp: 2724696

Ion	Ratio	Lower	Upper
228	100		
226	33.5	26.4	39.6
229	22.4	17.1	25.7

228 100

226 33.5 26.4 39.6

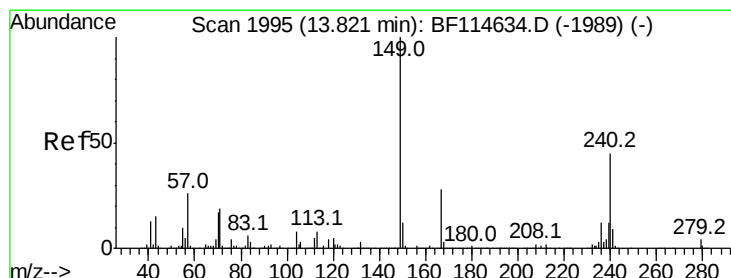
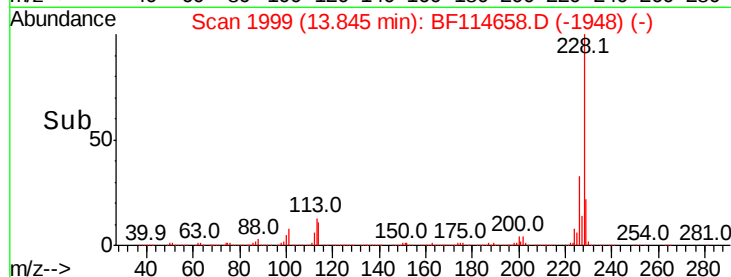
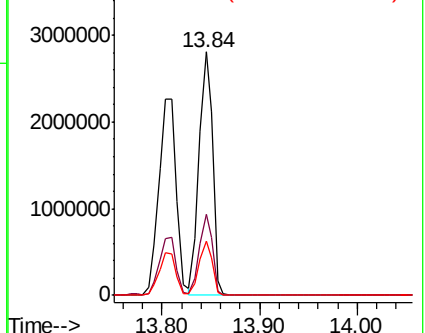
229 22.4 17.1 25.7



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: 32.927 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

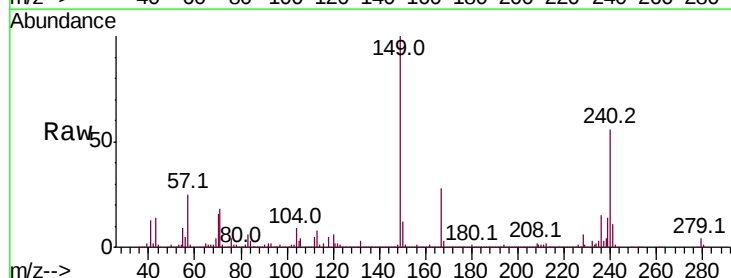
Tgt Ion:149 Resp: 1862784

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.6	33.8
279	4.0	3.0	4.4

149 100

167 27.9 22.6 33.8

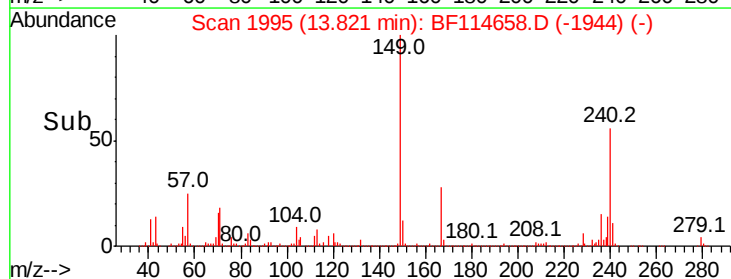
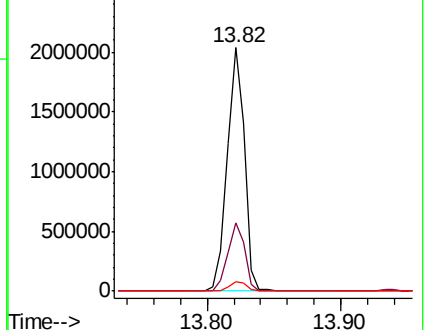
279 4.0 3.0 4.4

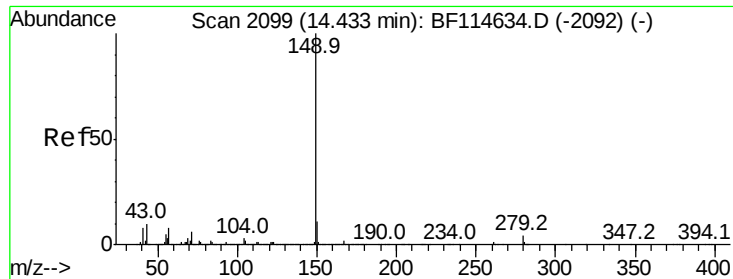


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 33.742 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

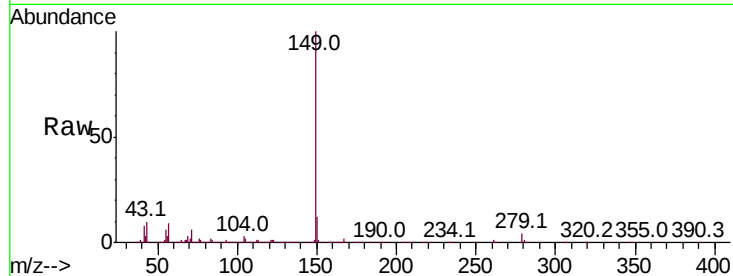
Tot Ion:149 Resp: 3316622

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

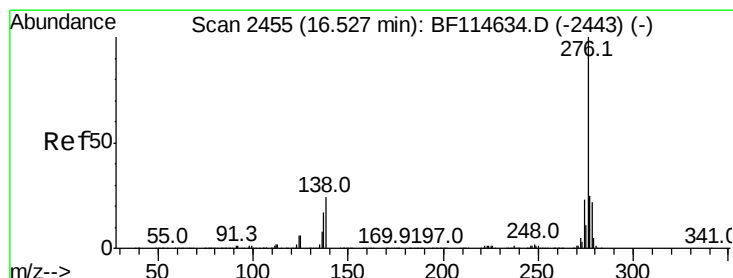
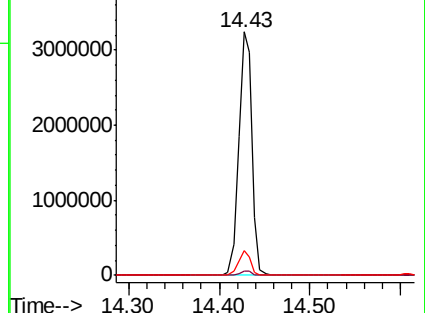
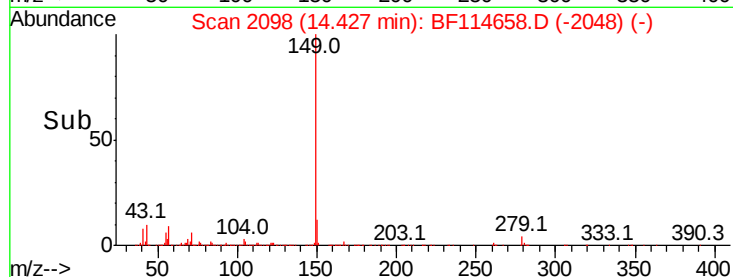
43 9.4 8.0 12.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.129 ng

RT: 16.53 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

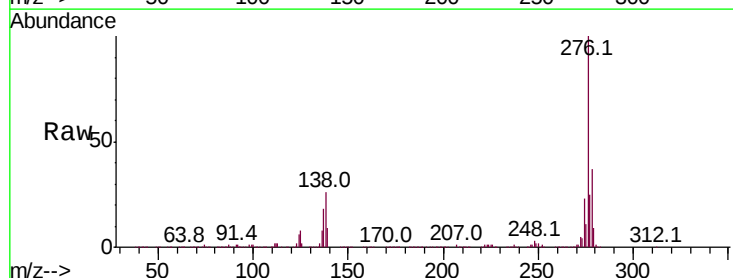
Tgt Ion:276 Resp: 2701328

Ion Ratio Lower Upper

276 100

138 28.5 23.0 34.6

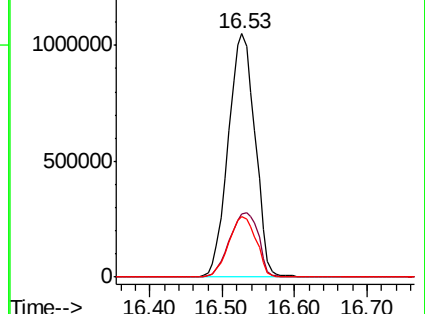
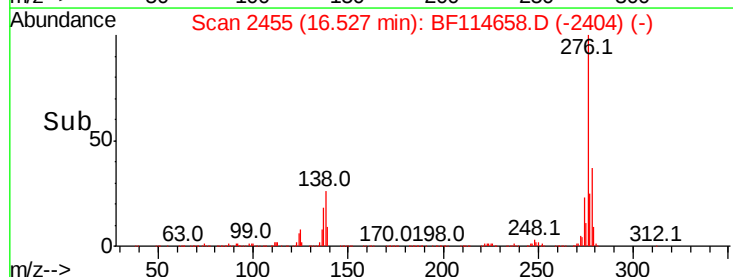
277 25.6 20.5 30.7

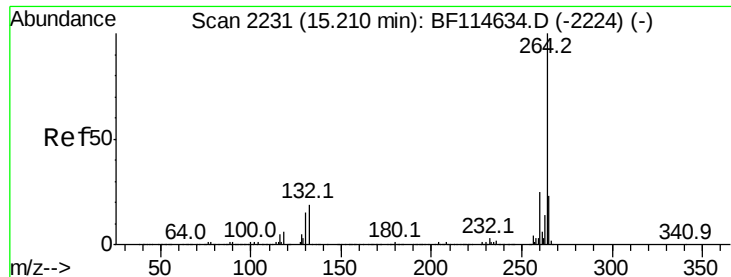


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Instrument :

BNA_F

ClientSampleId :

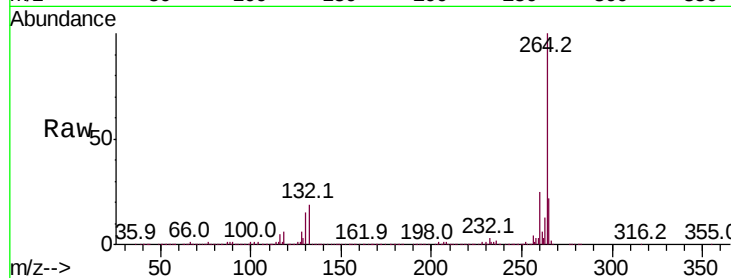
Tot Ion:264 Resp: 1161994

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

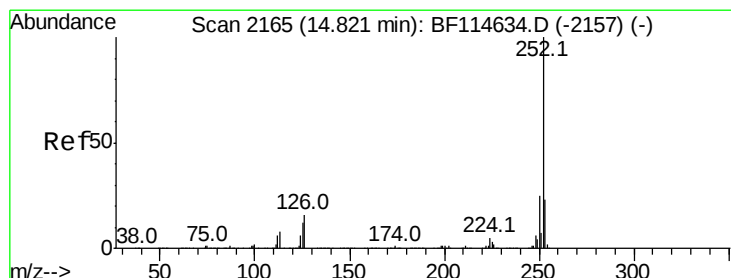
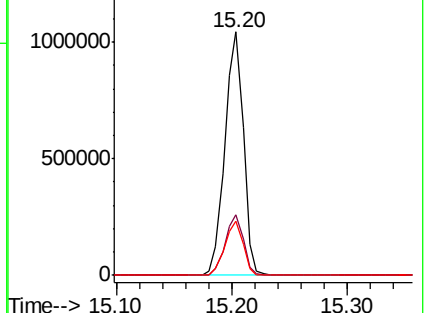
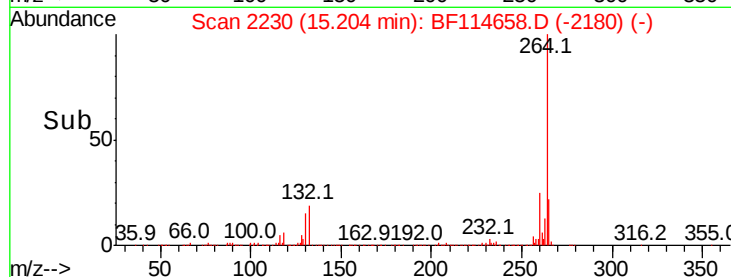
265 22.1 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.424 ng

RT: 14.82 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

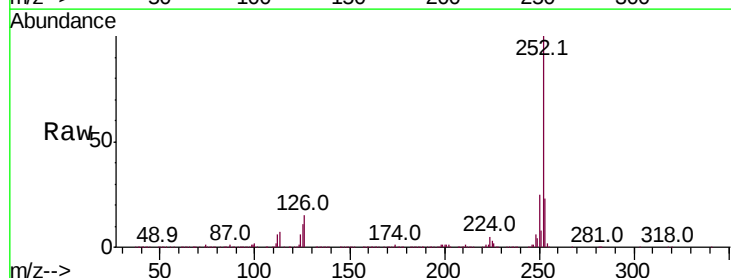
Tgt Ion:252 Resp: 3031699

Ion Ratio Lower Upper

252 100

253 23.1 18.7 28.1

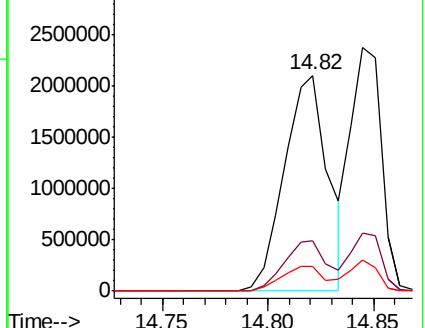
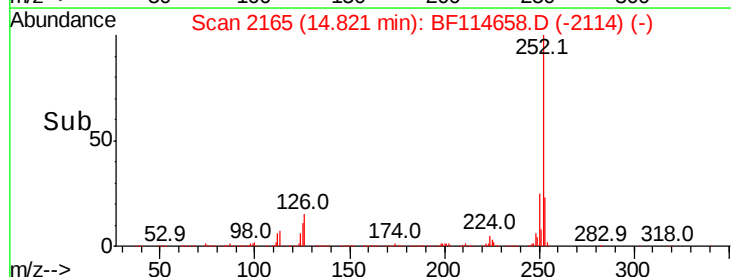
125 11.2 9.4 14.2

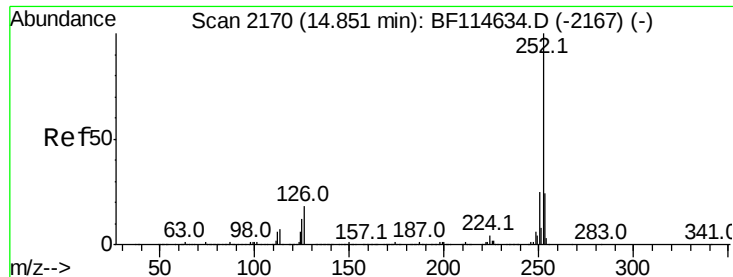


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

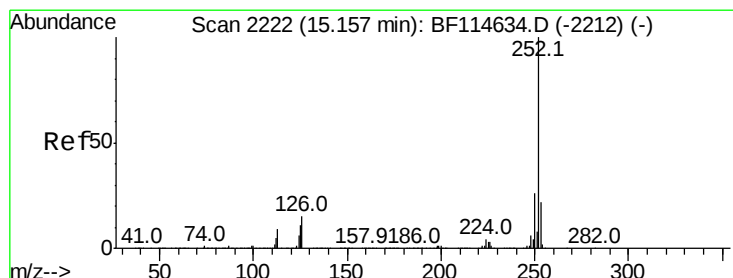
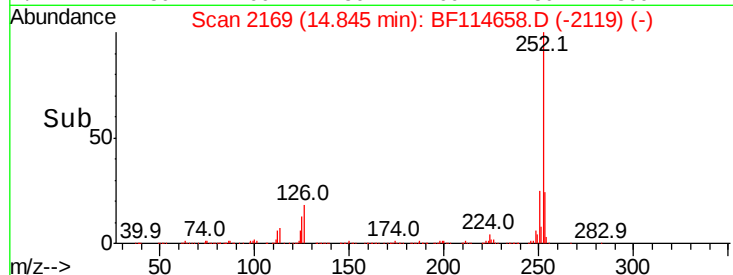
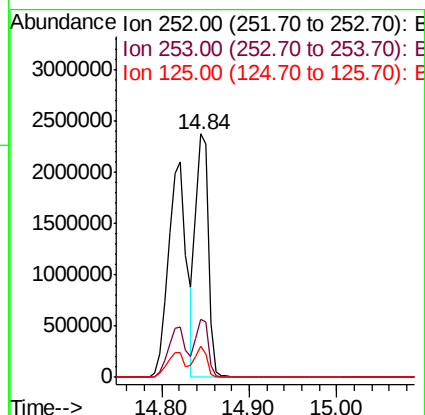
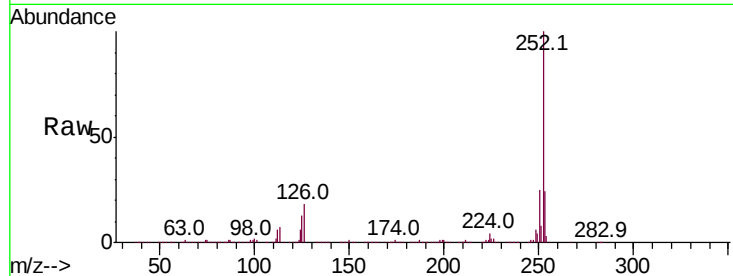




#89
Benzo(k)fluoranthene
Concen: 38.466 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

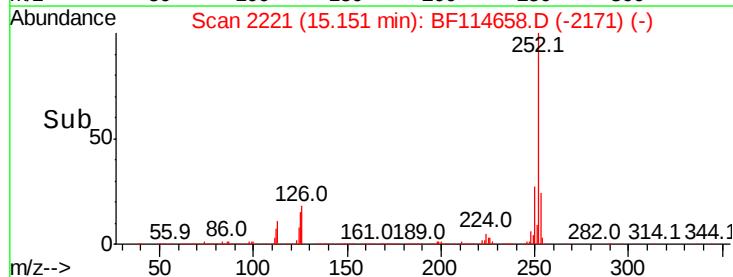
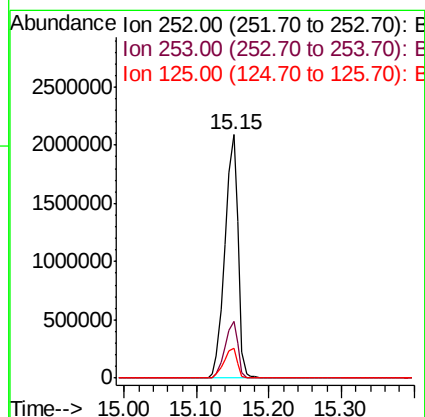
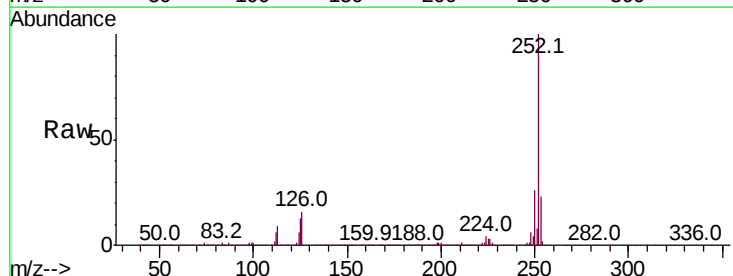
Instrument :
BNA_F
ClientSampleId :

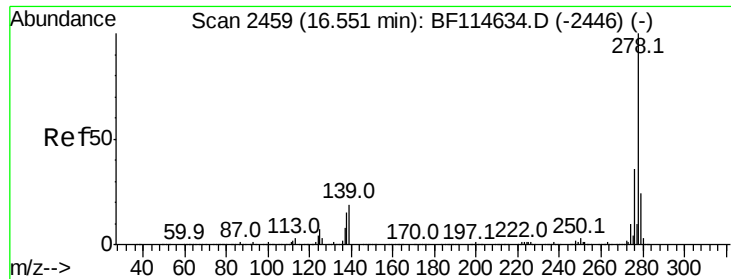
Tot Ion:252 Resp: 2446917
Ion Ratio Lower Upper
252 100
253 23.8 18.9 28.3
125 12.5 9.5 14.3



#90
Benzo(a)pyrene
Concen: 41.089 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF114658.D
Acq: 30 May 2019 14:00

Tgt Ion:252 Resp: 2641759
Ion Ratio Lower Upper
252 100
253 23.4 18.0 27.0
125 12.5 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 39.683 ng

RT: 16.54 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

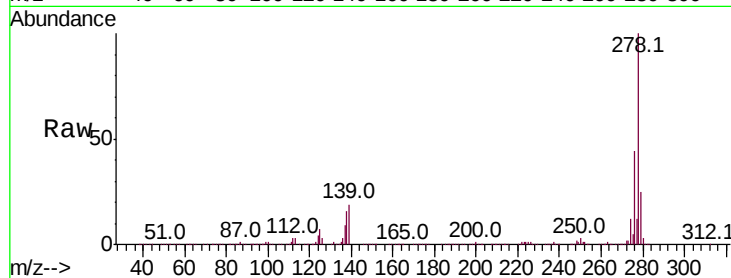
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 2254562

Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.9	22.3
279	24.9	19.5	29.3

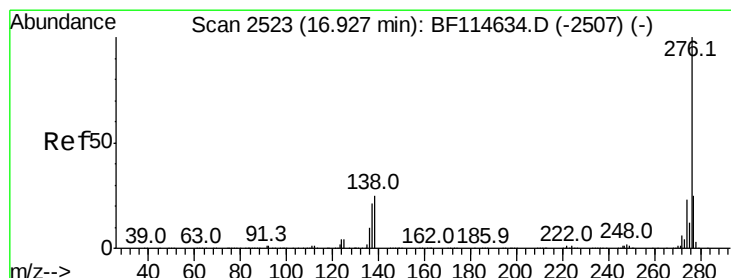
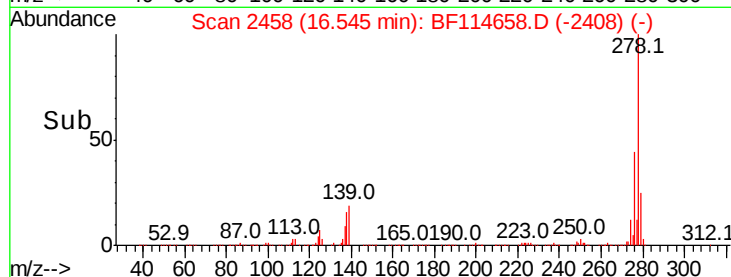
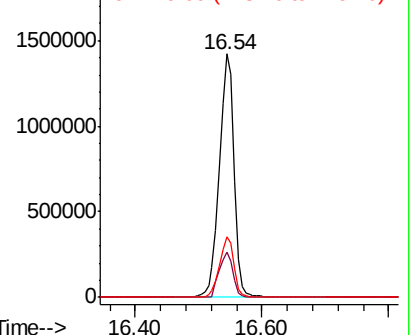


Abundance

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: 40.308 ng

RT: 16.92 min Scan# 2522

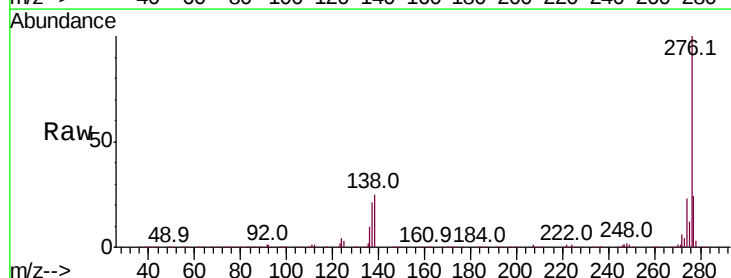
Delta R.T. -0.01 min

Lab File: BF114658.D

Acq: 30 May 2019 14:00

Tgt Ion:276 Resp: 2222662

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.7	29.5
138	25.4	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

