

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116657.D
 Acq On : 30 Aug 2019 17:50
 Operator : HP/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 18:22:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 18:11:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	124084	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	510085	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	256634	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	399747	20.00	ng	0.00
76) Chrysene-d12	14.00	240	248314	20.00	ng	0.00
87) Perylene-d12	15.45	264	223262	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	733551	74.38	ng	0.00
7) Phenol-d6	6.48	99	962415	84.39	ng	0.00
23) Nitrobenzene-d5	7.42	82	876198	90.40	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	163770	55.34	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1414940	69.21	ng	0.00
79) Terphenyl-d14	12.95	244	1255189	81.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	170381	34.861	ng	99
3) Pyridine	3.35	79	503967	36.865	ng	94
4) n-Nitrosodimethylamine	3.29	42	170012	32.582	ng	# 81
6) Aniline	6.52	93	669614	43.448	ng	97
8) 2-Chlorophenol	6.64	128	402538	41.823	ng	100
9) Benzaldehyde	6.40	77	290478	43.851	ng	98
10) Phenol	6.49	94	536270	42.385	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	414156	43.414	ng	97
12) 1,3-Dichlorobenzene	6.79	146	452824	45.448	ng	98
13) 1,4-Dichlorobenzene	6.87	146	454587	47.351	ng	99
14) 1,2-Dichlorobenzene	7.03	146	415116	48.906	ng	98
15) Benzyl Alcohol	6.99	79	397194	51.920	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	485165	52.294	ng	99
17) 2-Methylphenol	7.10	107	351231	52.231	ng	96
18) Hexachloroethane	7.37	117	174208	51.183	ng	91
19) n-Nitroso-di-n-propylamine	7.27	70	312600	52.533	ng	90
20) 3+4-Methylphenols	7.26	107	405331	47.900	ng	# 80
22) Acetophenone	7.26	105	585603	40.684	ng	# 89
24) Nitrobenzene	7.43	77	449691	46.351	ng	95
25) Isophorone	7.67	82	864316	49.279	ng	99
26) 2-Nitrophenol	7.75	139	170905	39.634	ng	97
27) 2,4-Dimethylphenol	7.79	122	325201	47.593	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	529891	48.881	ng	99
29) 2,4-Dichlorophenol	7.99	162	313017	43.369	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	340188	40.951	ng	96
31) Naphthalene	8.16	128	1166279	45.095	ng	99
32) Benzoic acid	7.91	122	195770	35.531	ng	97
33) 4-Chloroaniline	8.20	127	526473	48.003	ng	99
34) Hexachlorobutadiene	8.28	225	185785	39.043	ng	99
35) Caprolactam	8.57	113	116564	50.976	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	361028	45.253	ng	97
37) 2-Methylnaphthalene	8.85	142	774372	45.325	ng	96
38) 1-Methylnaphthalene	8.95	142	731802	45.514	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	291453	33.477	ng	98

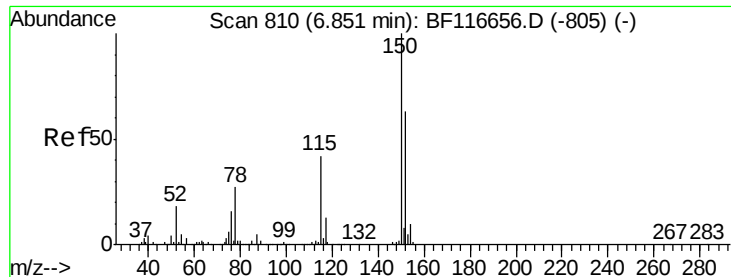
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
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 QLast Update : Fri Aug 30 18:11:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	173040	33.911	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	203623	34.688	nq	96
44) 2,4,5-Trichlorophenol	9.16	196	210692	35.330	nq	# 91
46) 1,1'-Biphenyl	9.31	154	933595	37.569	nq	97
47) 2-Chloronaphthalene	9.33	162	729117	37.984	nq	98
48) 2-Nitroaniline	9.42	65	224528	38.162	nq	93
49) Acenaphthylene	9.75	152	1106296	42.393	nq	99
50) Dimethylphthalate	9.61	163	833456	38.131	nq	99
51) 2,6-Dinitrotoluene	9.67	165	168582	37.497	nq	89
52) Acenaphthene	9.92	154	683704	43.106	nq	99
53) 3-Nitroaniline	9.83	138	209623	42.790	nq	# 90
54) 2,4-Dinitrophenol	9.93	184	48052	25.635	nq	# 67
55) Dibenzofuran	10.09	168	958459	39.897	nq	98
56) 4-Nitrophenol	9.99	139	143460	42.610	nq	90
57) 2,4-Dinitrotoluene	10.07	165	208258	37.477	nq	95
58) Fluorene	10.43	166	729237	37.635	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	151571	32.902	nq	95
60) Diethylphthalate	10.31	149	841270	40.680	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	320930	33.549	nq	99
62) 4-Nitroaniline	10.45	138	203833	38.278	nq	94
63) Azobenzene	10.59	77	879885	42.801	nq	95
65) 4,6-Dinitro-2-methylphenol	10.47	198	69959	32.423	nq	70
66) n-Nitrosodiphenylamine	10.55	169	659280	49.615	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	194927	42.855	nq	96
68) Hexachlorobenzene	10.99	284	203366	40.596	nq	98
69) Atrazine	11.07	200	189886	46.969	nq	97
70) Pentachlorophenol	11.17	266	101459	34.607	nq	96
71) Phenanthrene	11.39	178	1058290	47.119	nq	99
72) Anthracene	11.45	178	1071472	46.717	nq	99
73) Carbazole	11.59	167	1022599	50.354	nq	100
74) Di-n-butylphthalate	11.93	149	1300598	48.730	nq	99
75) Fluoranthene	12.58	202	1042417	45.497	nq	99
77) Benzidine	12.69	184	495609	58.657	nq	99
78) Pyrene	12.80	202	1045271	43.226	nq	98
80) Butylbenzylphthalate	13.42	149	512990	52.509	nq	99
81) Benzo(a)anthracene	13.99	228	749960	44.586	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	255560	46.173	nq	95
83) Chrysene	14.03	228	767028	46.795	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	621839	49.716	nq	99
85) Di-n-octyl phthalate	14.59	149	1036873	54.935	nq	97
86) Indeno(1,2,3-cd)pyrene	16.90	276	592248	41.698	nq	# 92
88) Benzo(b)fluoranthene	15.03	252	646893	45.759	nq	97
89) Benzo(k)fluoranthene	15.06	252	585605	43.136	nq	99
90) Benzo(a)pyrene	15.39	252	562710	45.549	nq	97
91) Dibenzo(a,h)anthracene	16.92	278	479312	36.990	nq	# 95
92) Benzo(g,h,i)perylene	17.33	276	483671	38.968	nq	# 91

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

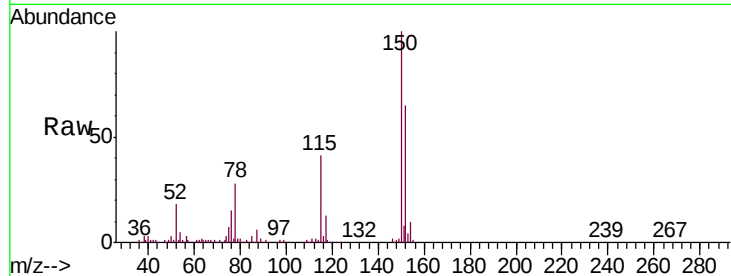


#1

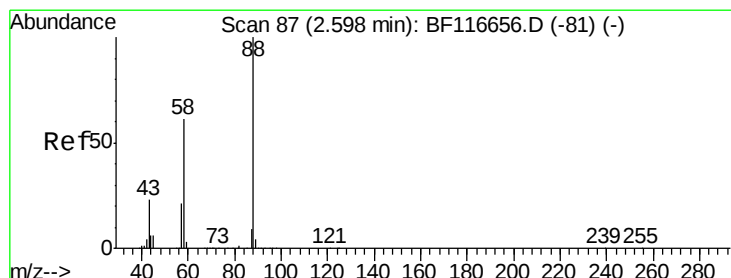
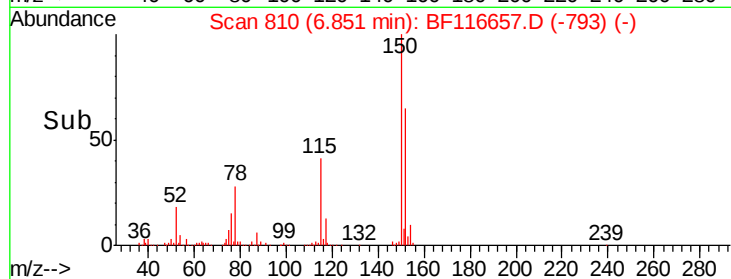
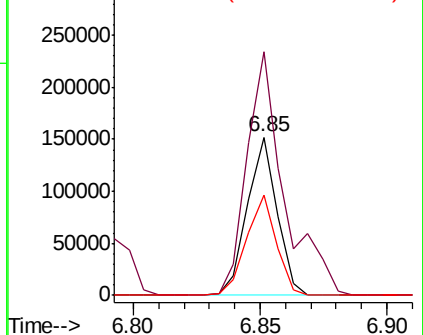
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.4	186.6
115	63.6	49.9	74.9



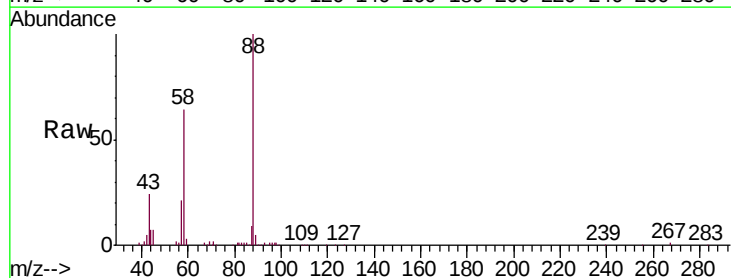
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



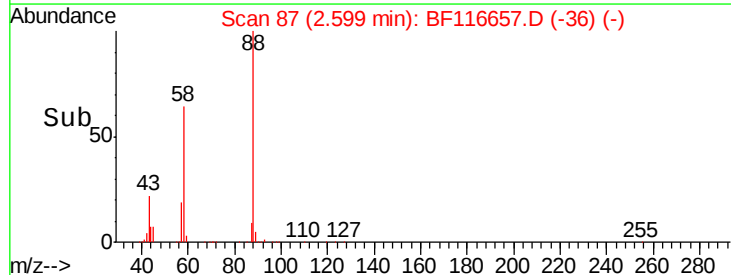
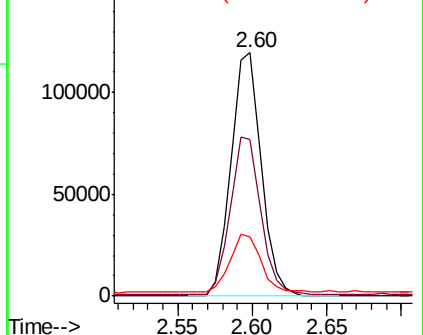
#2

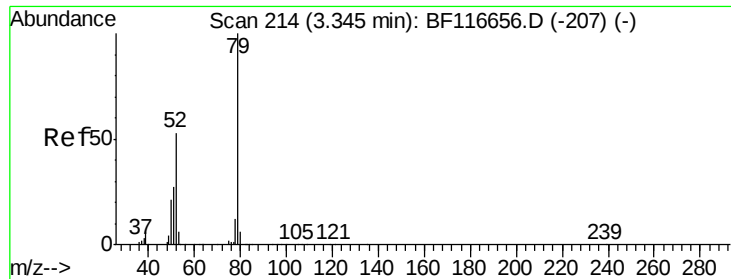
1,4-Dioxane
Concen: 34.861 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.3	51.7	77.5
43	24.2	19.8	29.8



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: 36.865 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

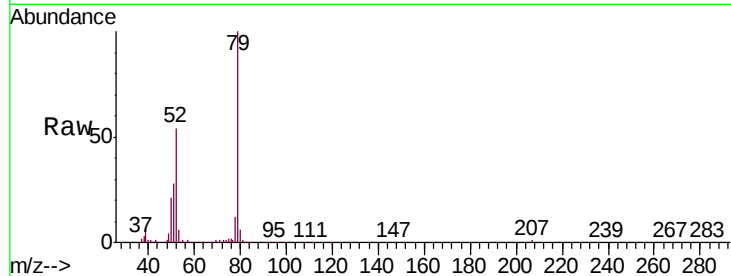
Tot Ion: 79 Resp: 503967

Ion Ratio Lower Upper

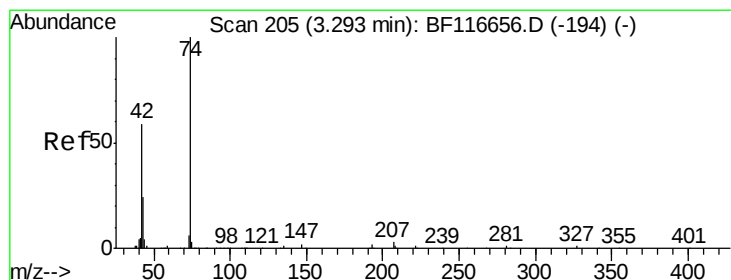
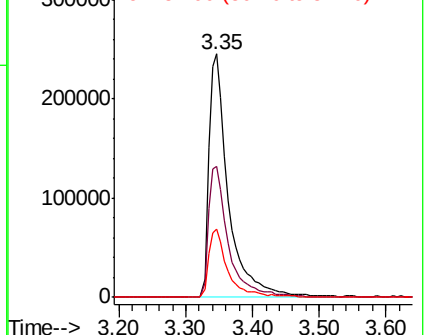
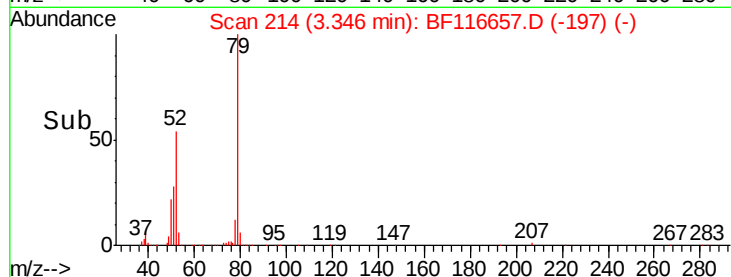
79 100

52 54.0 47.4 71.0

51 28.0 24.1 36.1



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: 32.582 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

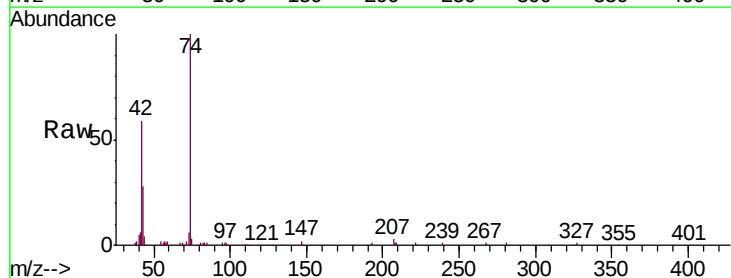
Tgt Ion: 42 Resp: 170012

Ion Ratio Lower Upper

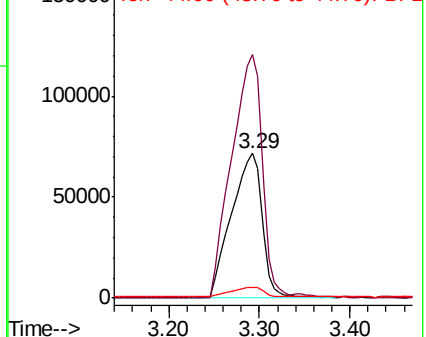
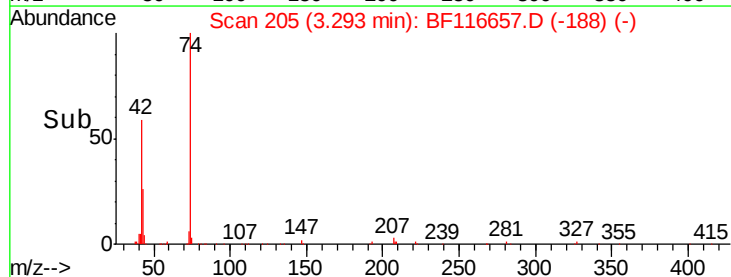
42 100

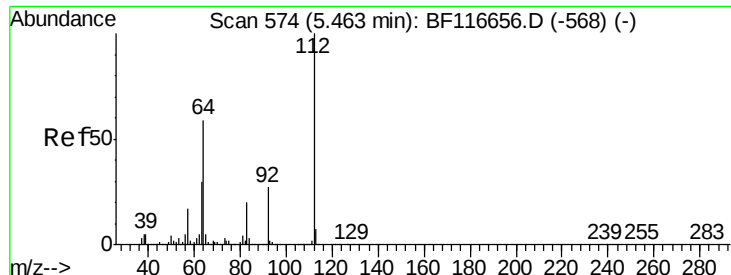
74 168.2 115.6 173.4

44 7.4 4.6 7.0#



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: 74.376 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

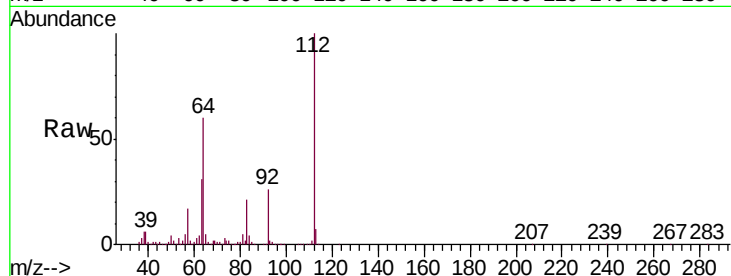
Tot Ion:112 Resp: 733551

Ion Ratio Lower Upper

112 100

64 60.4 47.1 70.7

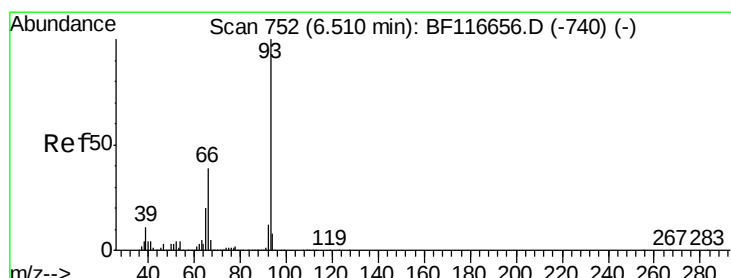
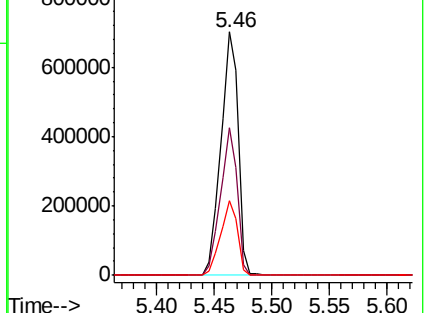
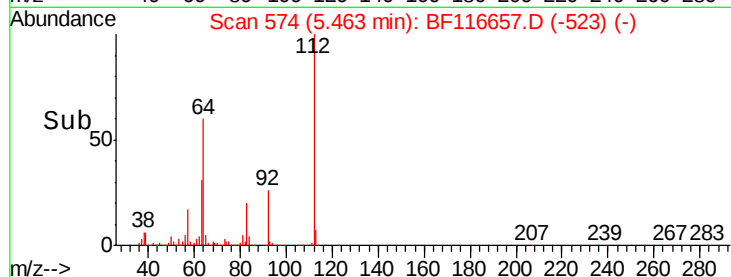
63 30.9 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 43.448 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

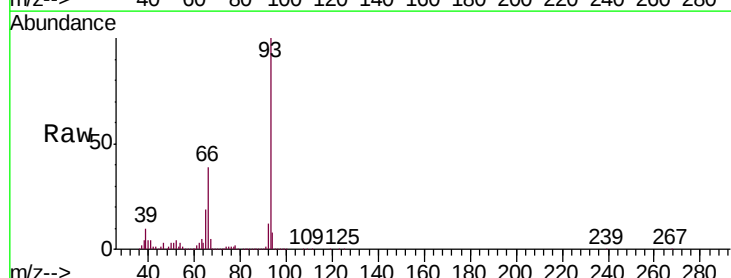
Tgt Ion: 93 Resp: 669614

Ion Ratio Lower Upper

93 100

66 38.8 32.7 49.1

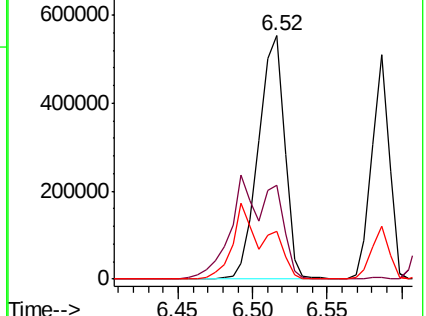
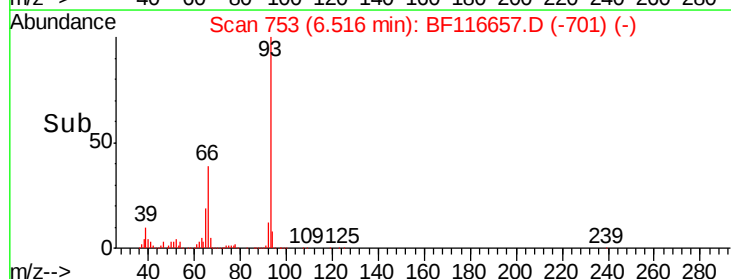
65 19.4 16.3 24.5

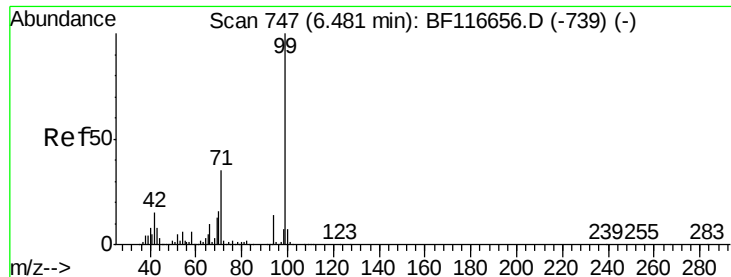


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.392 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

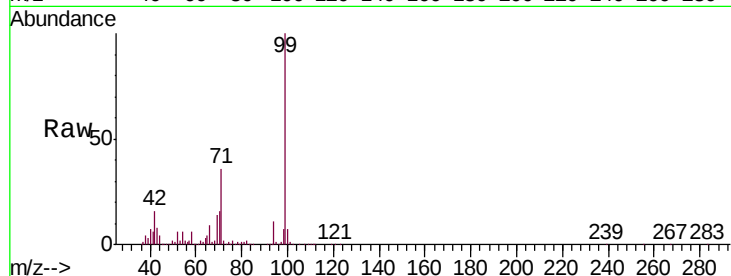
Tot Ion: 99 Resp: 962415

Ion Ratio Lower Upper

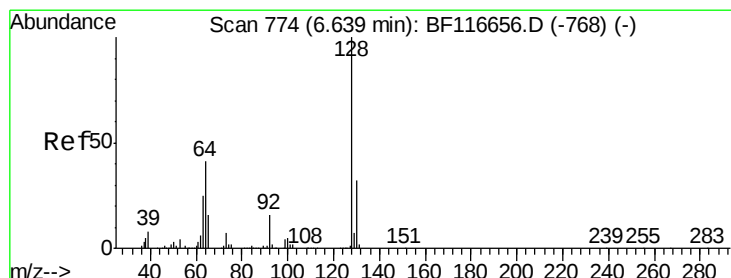
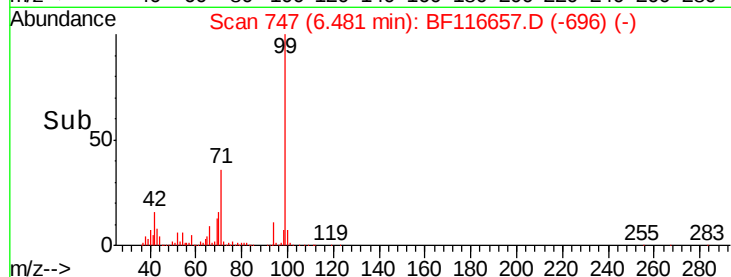
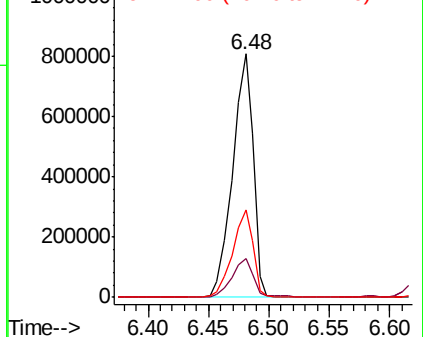
99 100

42 15.9 13.7 20.5

71 35.8 30.8 46.2



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: 41.823 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

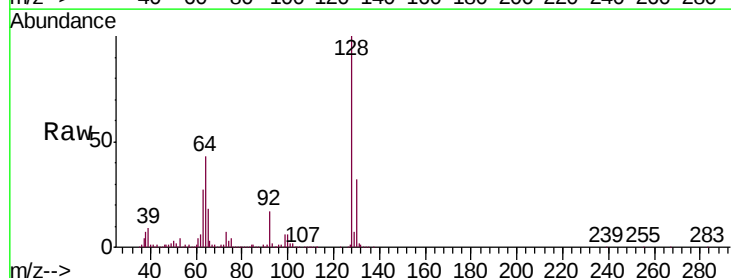
Tgt Ion: 128 Resp: 402538

Ion Ratio Lower Upper

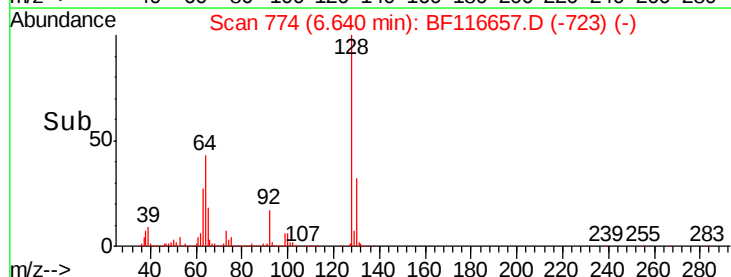
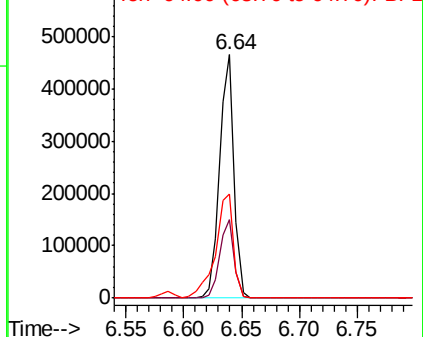
128 100

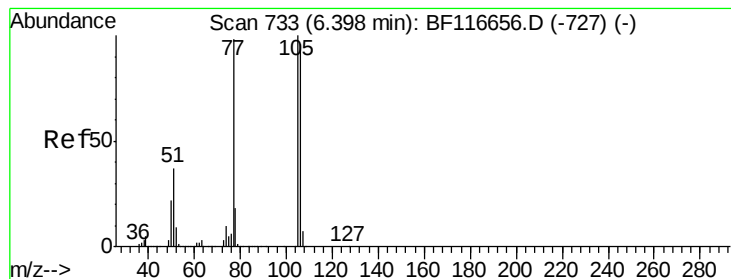
130 32.2 12.3 52.3

64 42.9 22.5 62.5



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: 43.851 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

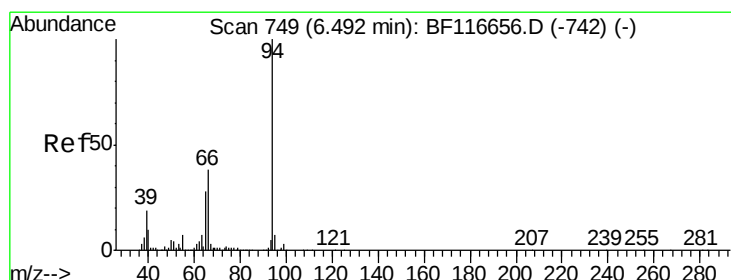
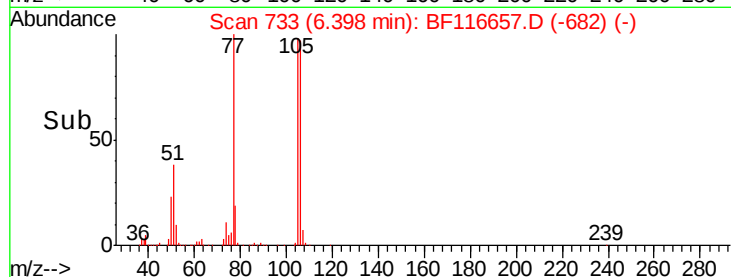
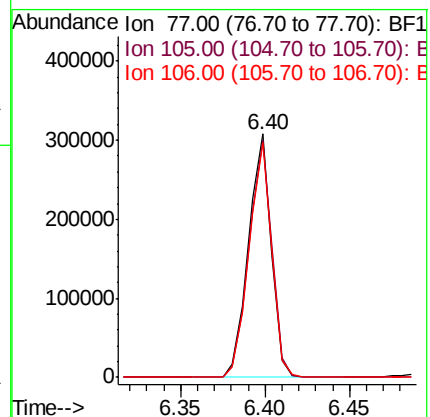
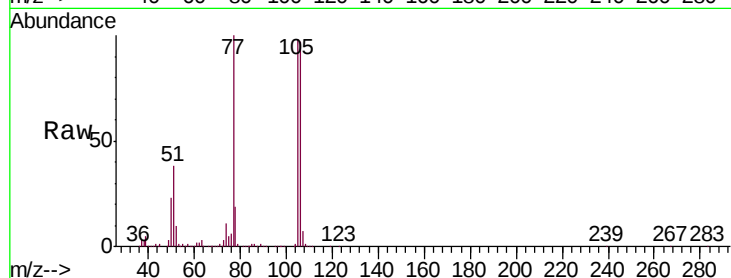
Tot Ion: 77 Resp: 290478

Ion Ratio Lower Upper

77 100

105 97.7 76.7 116.7

106 96.5 73.1 113.1



#10

Phenol

Concen: 42.385 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

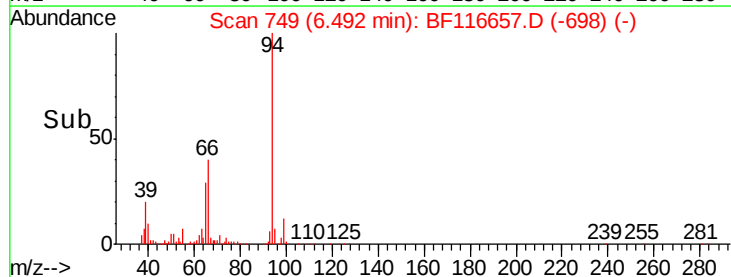
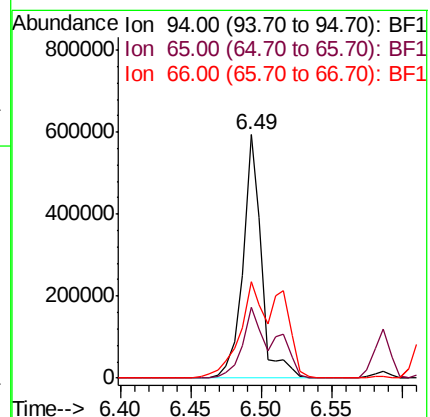
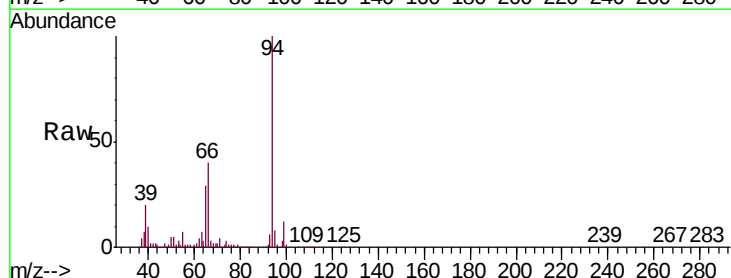
Tgt Ion: 94 Resp: 536270

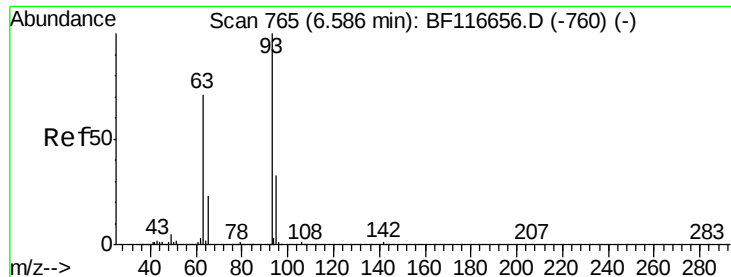
Ion Ratio Lower Upper

94 100

65 28.9 10.8 50.8

66 39.8 21.1 61.1

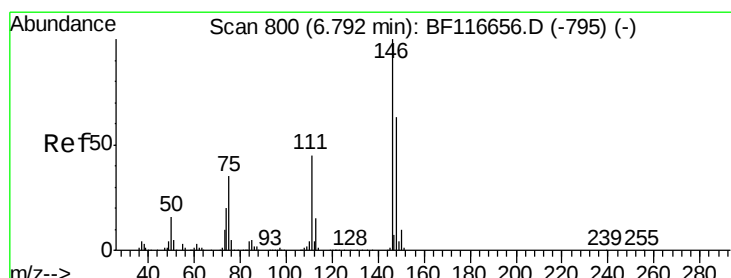
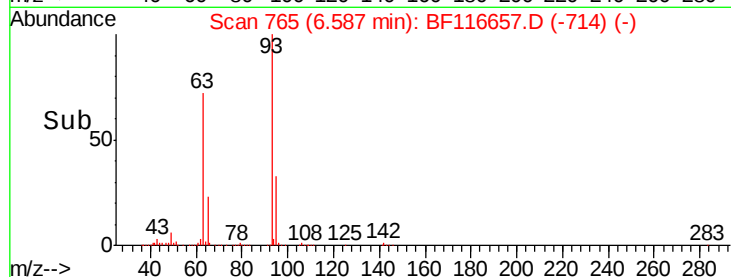
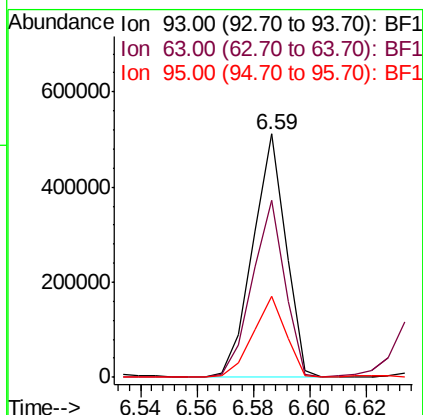
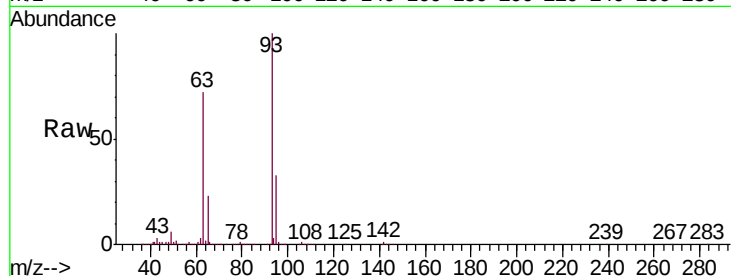




#11
bis(2-Chloroethyl)ether
Concen: 43.414 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

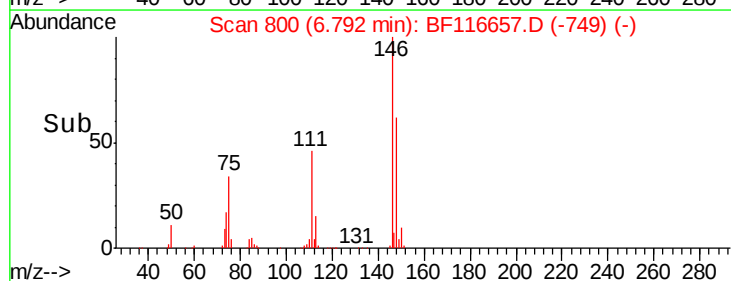
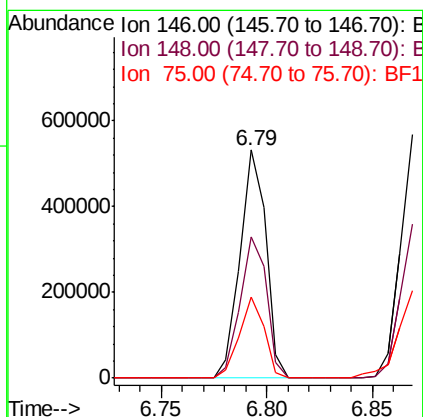
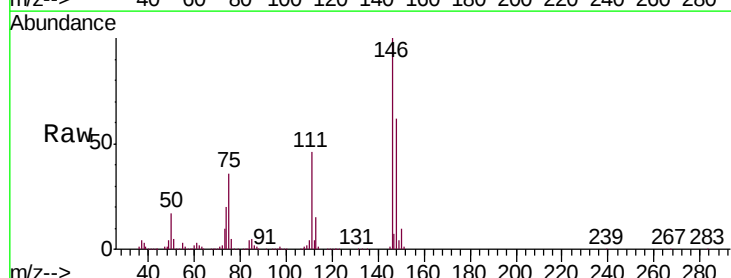
Instrument :
BNA_F
ClientSampleId :

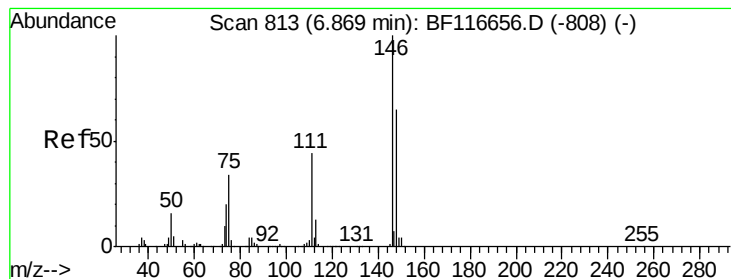
Tot Ion:	93	Resp:	414156
Ion	Ratio	Lower	Upper
93	100		
63	72.5	49.9	89.9
95	33.4	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 45.448 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Tgt Ion:	146	Resp:	452824
Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.4	77.0
75	35.8	29.6	44.4





#13

1,4-Dichlorobenzene

Concen: 47.351 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

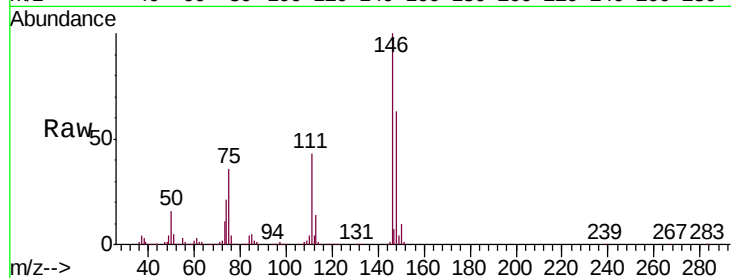
Tot Ion:146 Resp: 454587

Ion Ratio Lower Upper

146 100

148 63.1 51.4 77.2

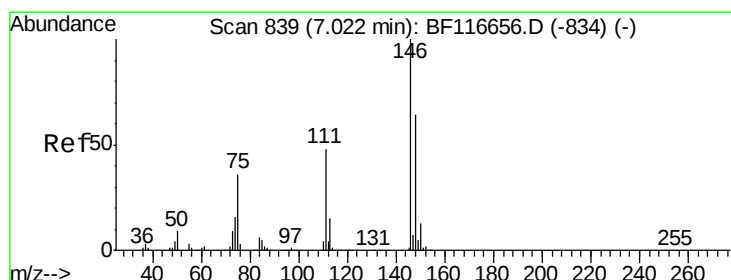
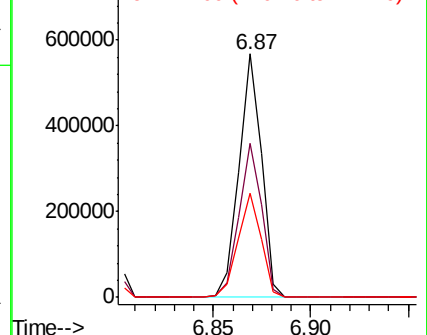
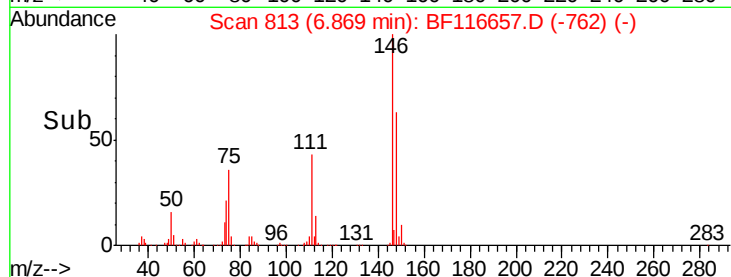
111 43.0 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.906 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

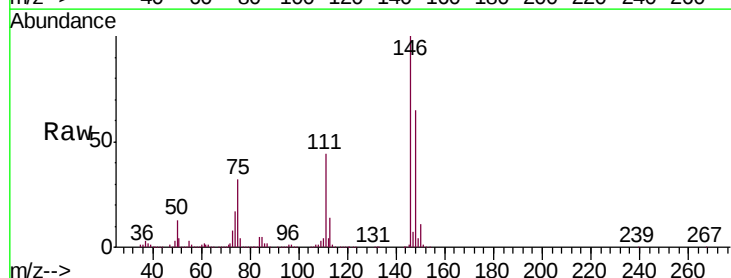
Tgt Ion:146 Resp: 415116

Ion Ratio Lower Upper

146 100

148 64.7 52.6 78.8

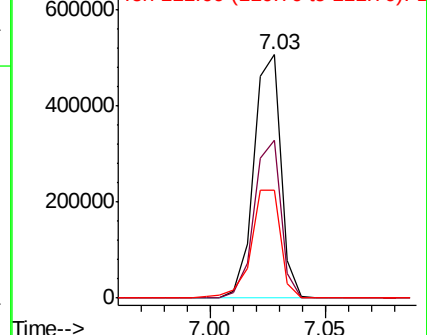
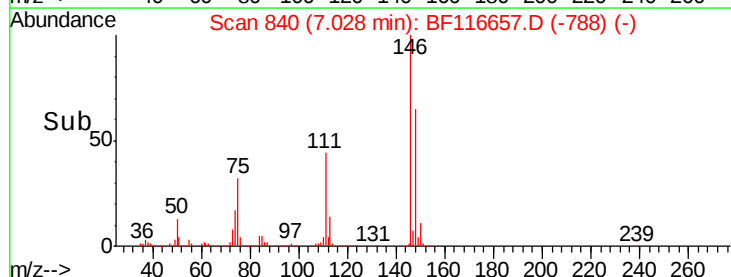
111 44.2 34.2 51.4

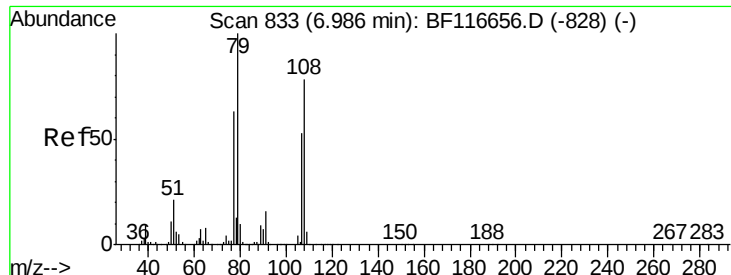


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.920 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

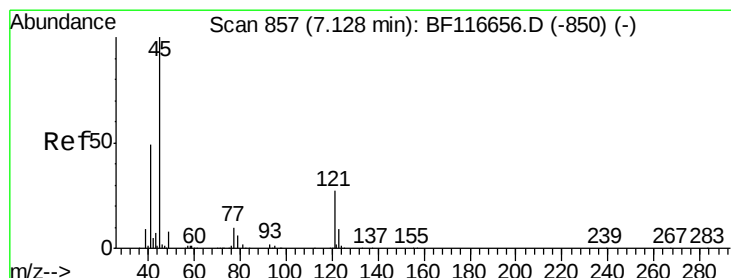
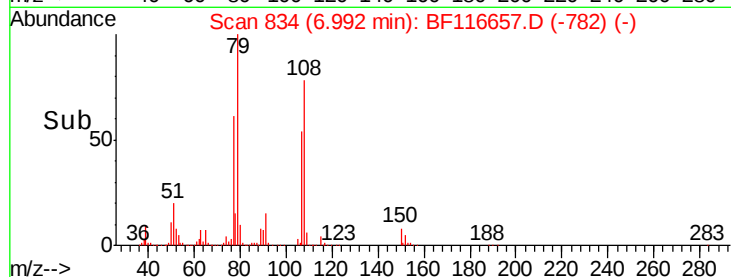
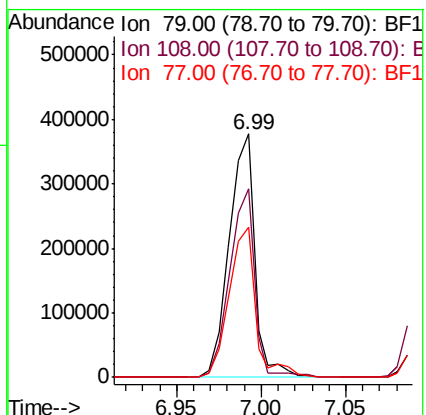
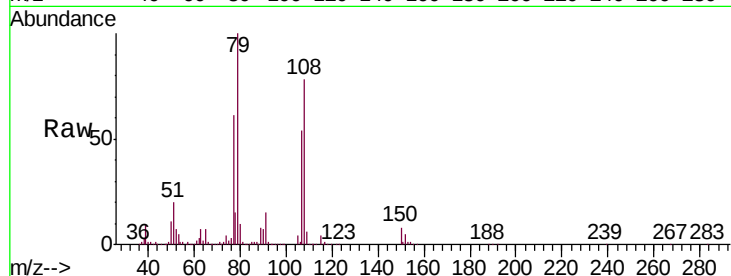
Tot Ion: 79 Resp: 397194

Ion Ratio Lower Upper

79 100

108 77.5 59.2 88.8

77 61.4 53.0 79.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.294 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

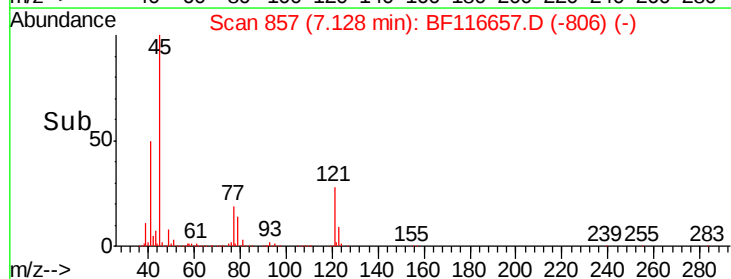
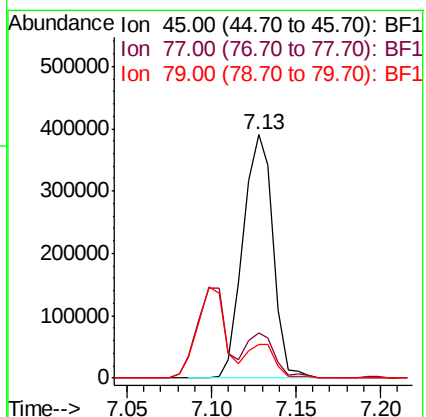
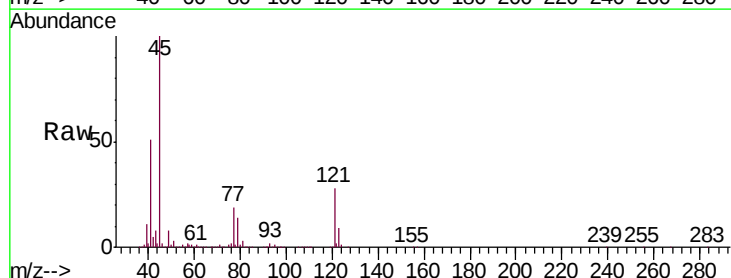
Tgt Ion: 45 Resp: 485165

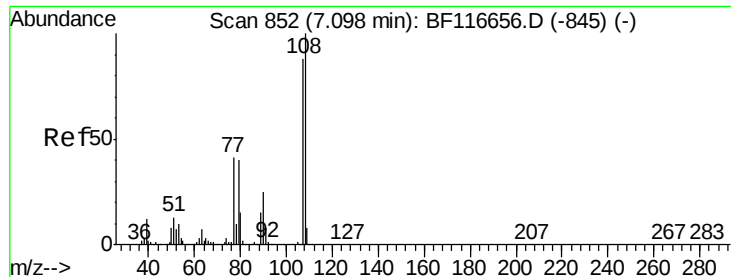
Ion Ratio Lower Upper

45 100

77 18.8 0.0 38.2

79 14.0 0.0 33.9

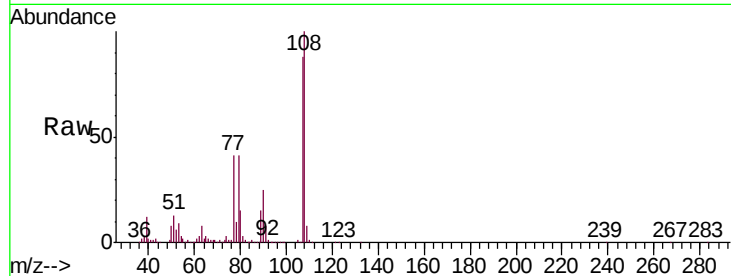




#17
2-Methylphenol
Concen: 52.231 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	351231
Ion	Ratio	Lower	Upper
107	100		
108	114.2	88.3	132.5
77	46.5	39.9	59.9
79	47.0	39.8	59.8



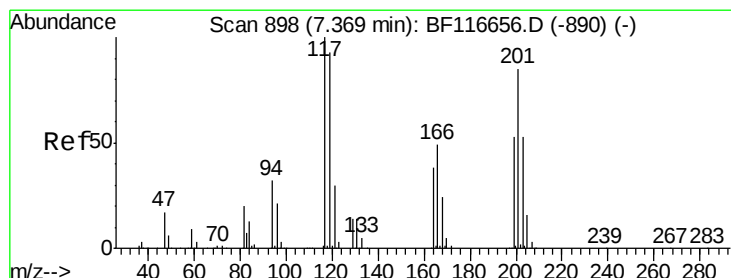
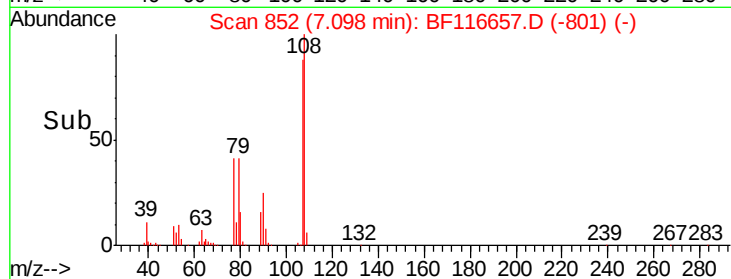
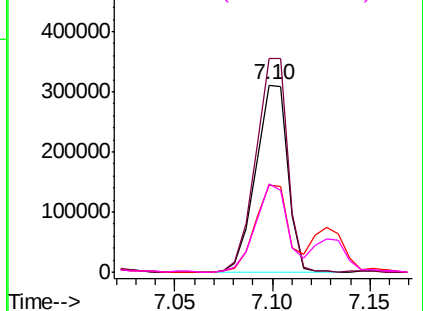
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

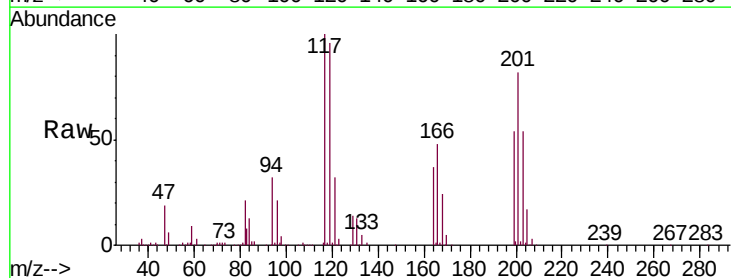
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 51.183 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Tgt Ion:	117	Resp:	174208
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.9	115.3
201	82.3	79.4	119.0

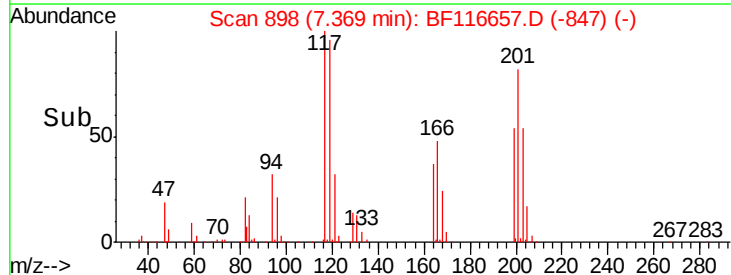
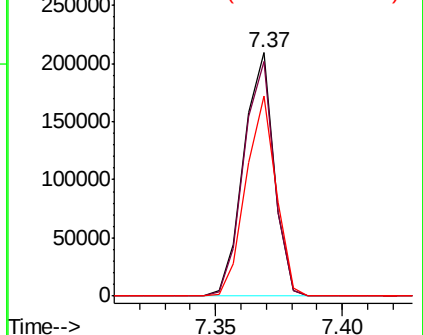


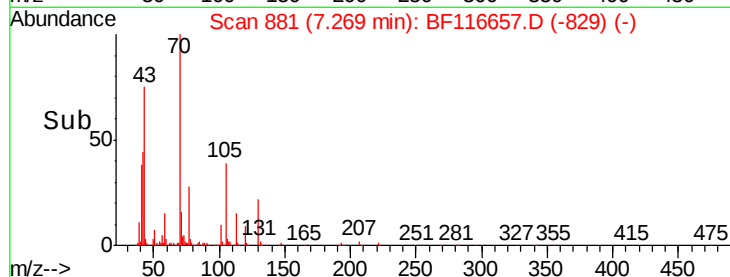
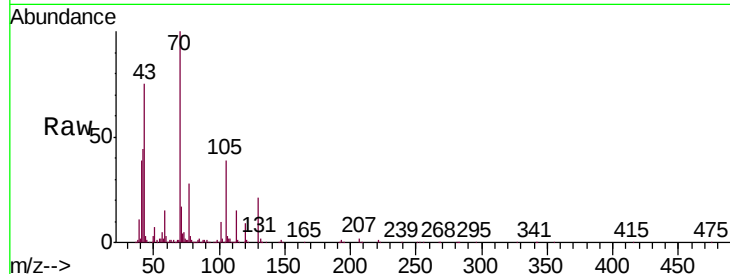
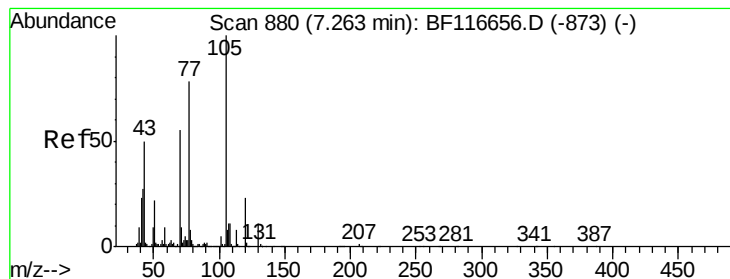
Abundance

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: 52.533 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 312600

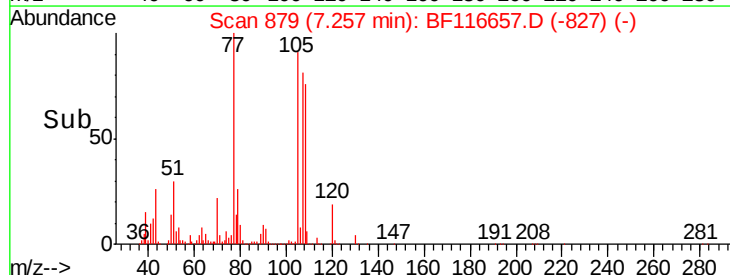
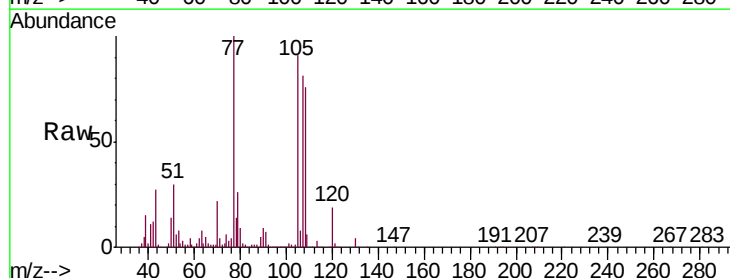
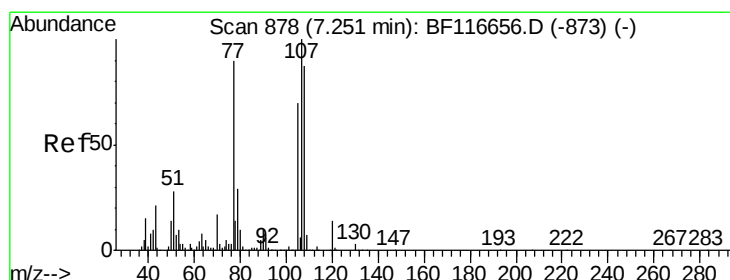
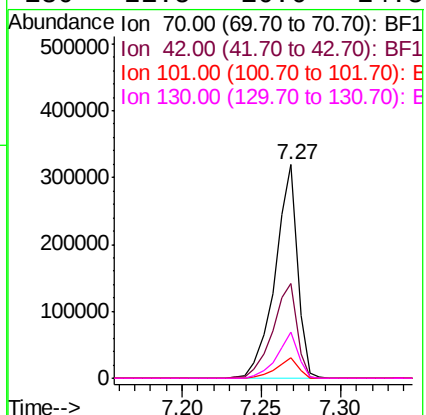
Ion Ratio Lower Upper

70 100

42 44.2 43.5 65.3

101 9.6 7.8 11.6

130 21.5 16.6 24.8



#20

3+4-Methylphenols

Concen: 47.900 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Tgt Ion:107 Resp: 405331

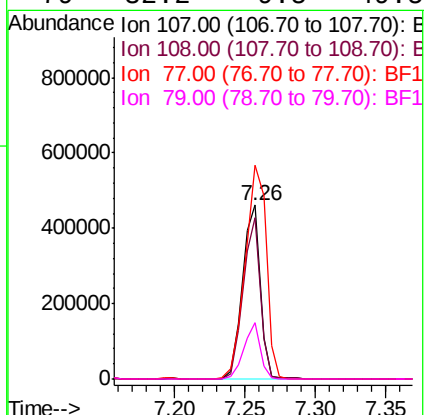
Ion Ratio Lower Upper

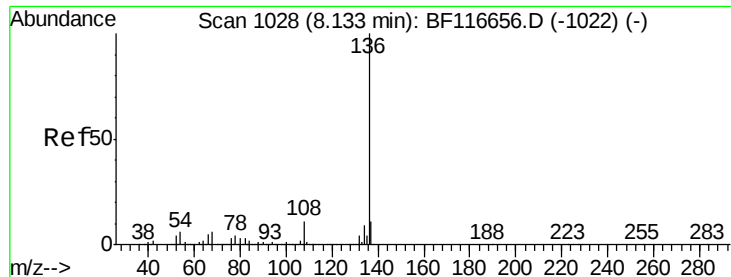
107 100

108 93.0 65.5 105.5

77 122.9 69.4 109.4#

79 32.2 9.5 49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 510085

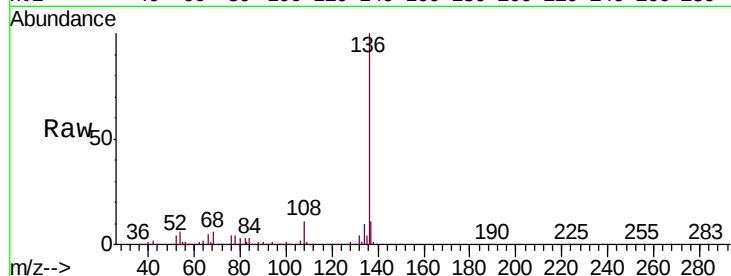
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.0 4.8 7.2

68 6.0 4.0 6.0

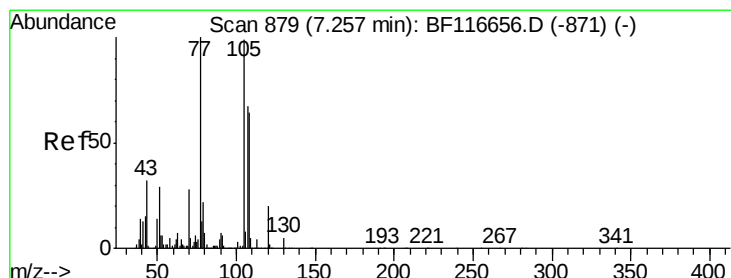
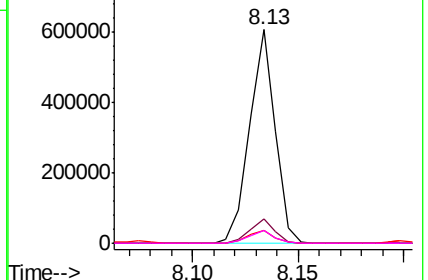
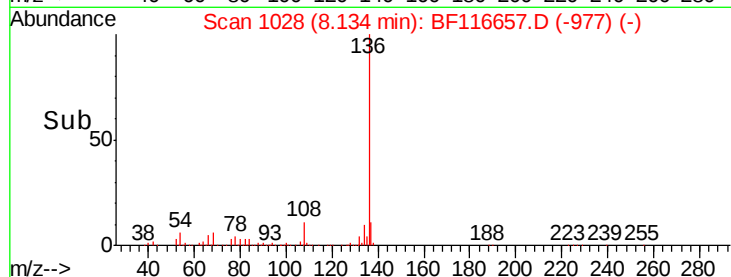


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.684 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Tgt Ion:105 Resp: 585603

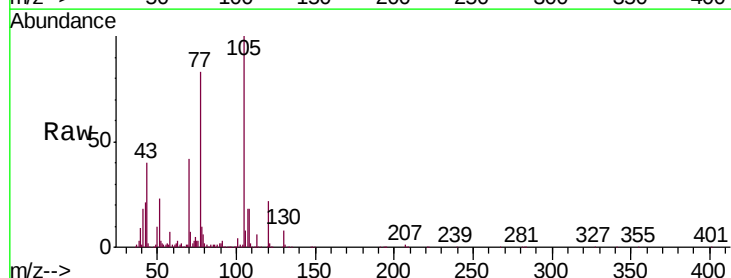
Ion Ratio Lower Upper

105 100

71 7.5 4.2 6.4#

51 22.7 25.8 38.8#

120 21.6 16.4 24.6

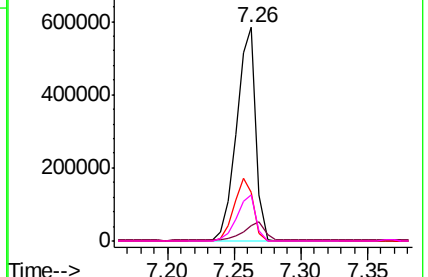
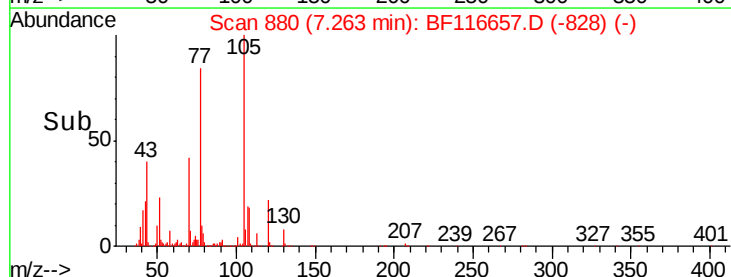


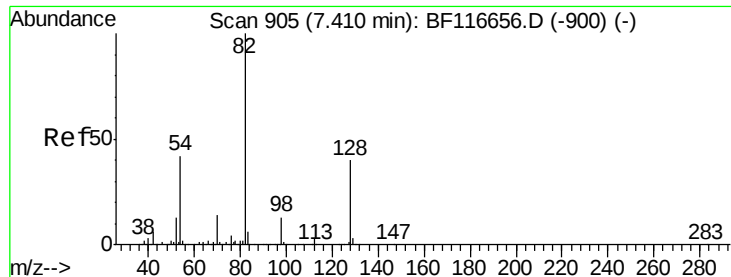
Abundance Ion 105.00 (104.70 to 105.70): E

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

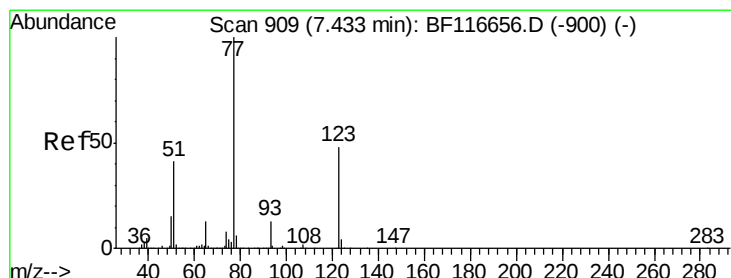
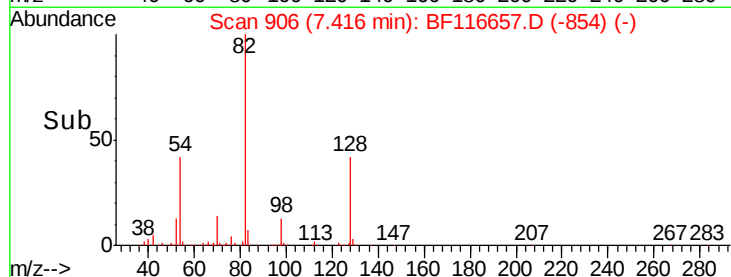
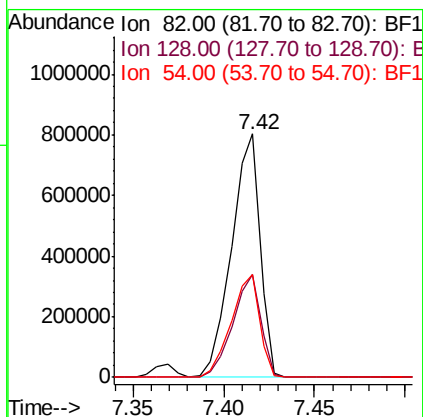
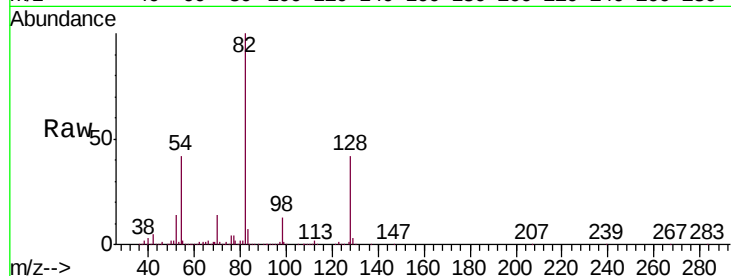




#23
Nitrobenzene-d5
Concen: 90.398 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.01 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

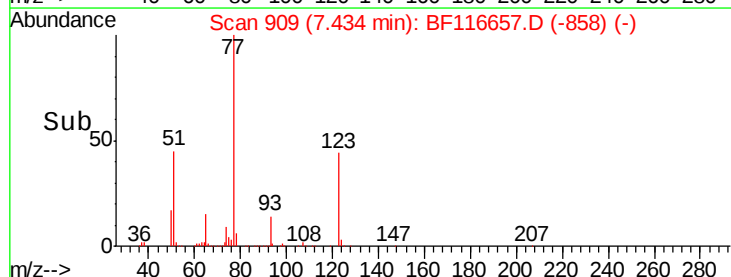
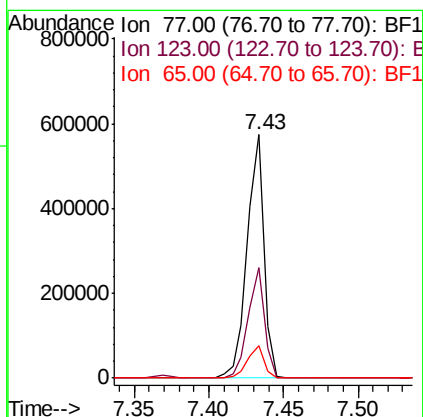
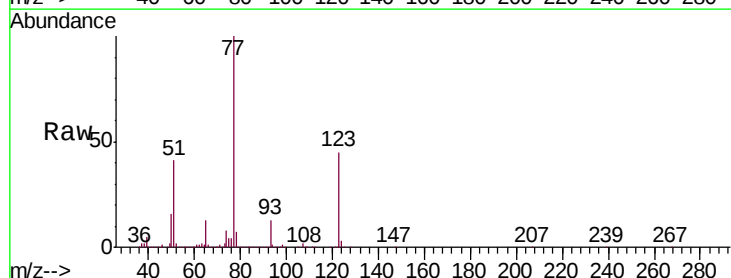
Instrument :
BNA_F
ClientSampleId :

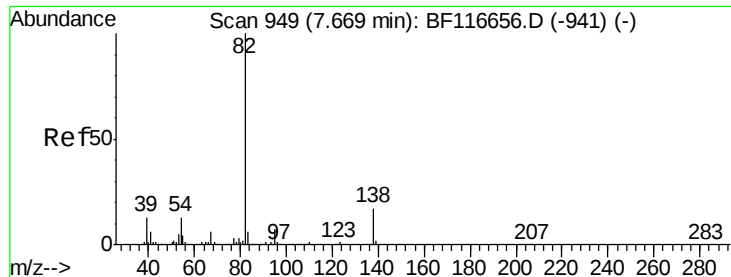
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	32.8	49.2
54	42.1	36.9	55.3



#24
Nitrobenzene
Concen: 46.351 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	33.1	49.7
65	13.1	10.6	15.8





#25

Isophorone

Concen: 49.279 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

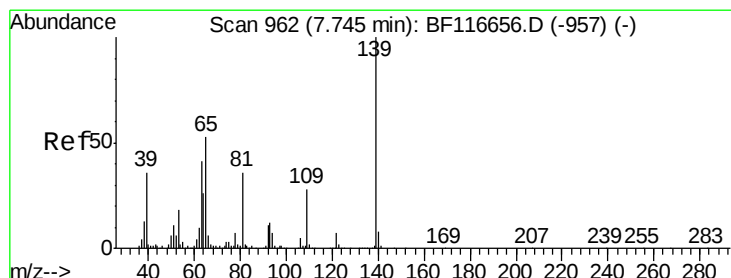
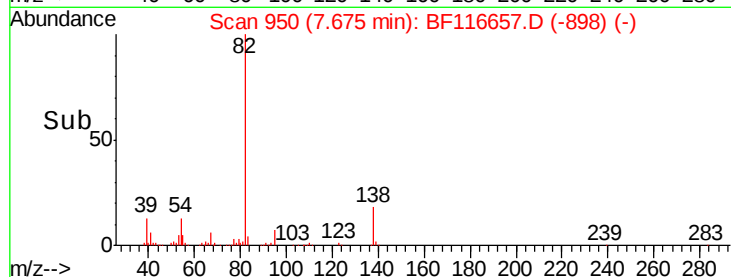
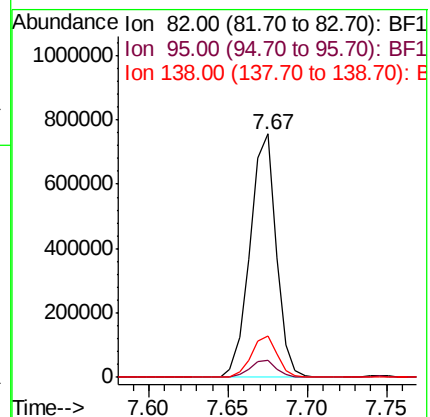
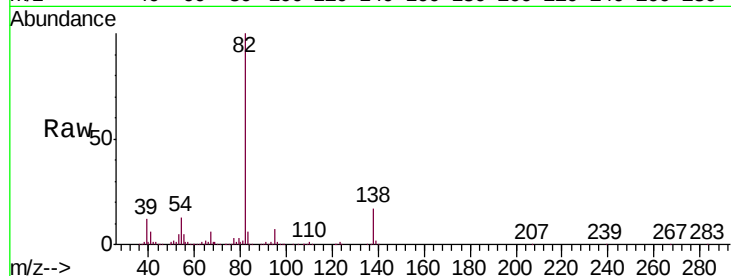
Tot Ion: 82 Resp: 864316

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

138 17.3 13.5 20.3



#26

2-Nitrophenol

Concen: 39.634 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

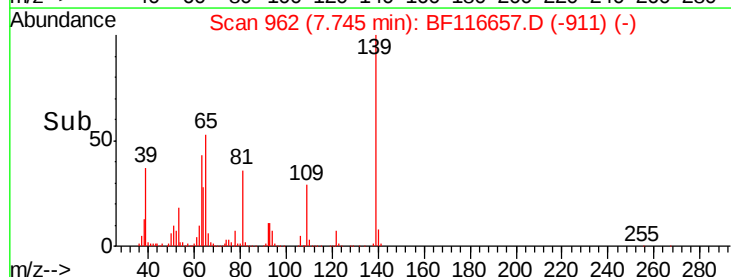
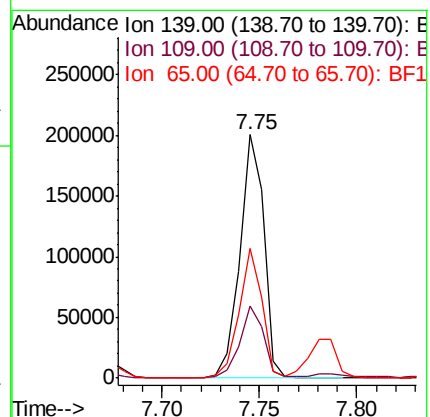
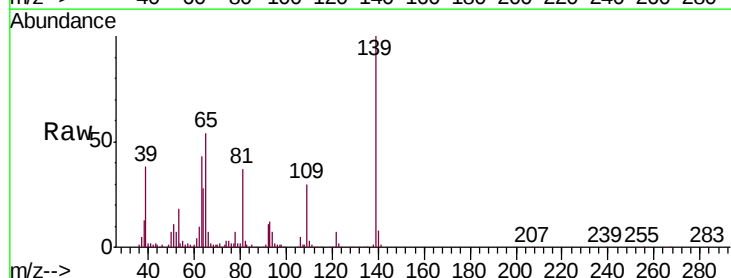
Tgt Ion: 139 Resp: 170905

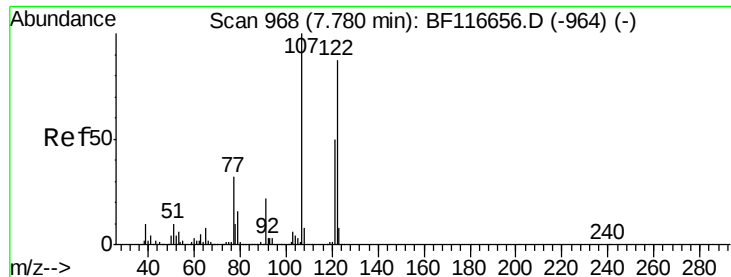
Ion Ratio Lower Upper

139 100

109 29.8 27.1 40.7

65 53.5 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 47.593 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampled :

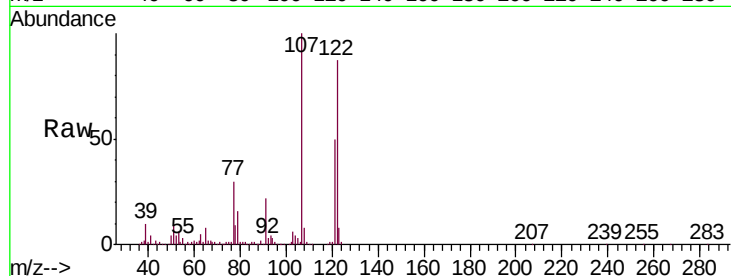
Tot Ion:122 Resp: 325201

Ion Ratio Lower Upper

122 100

107 114.7 98.1 147.1

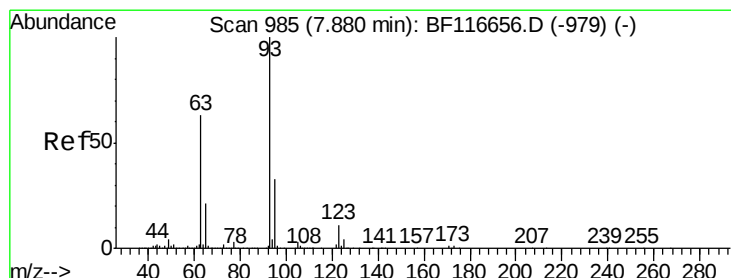
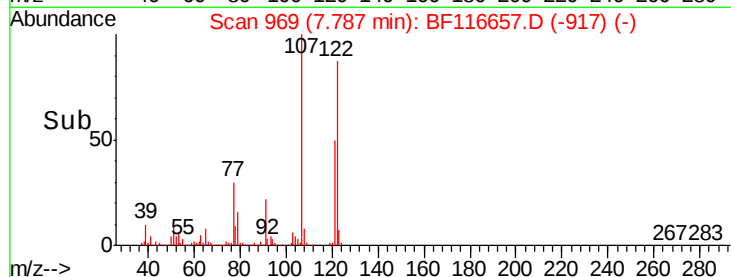
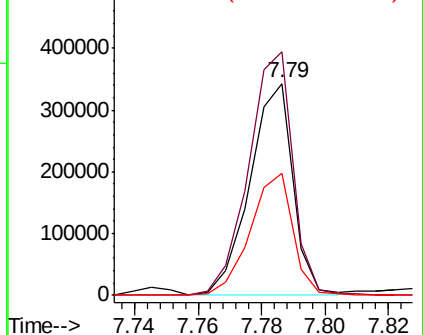
121 57.8 47.3 70.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.881 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

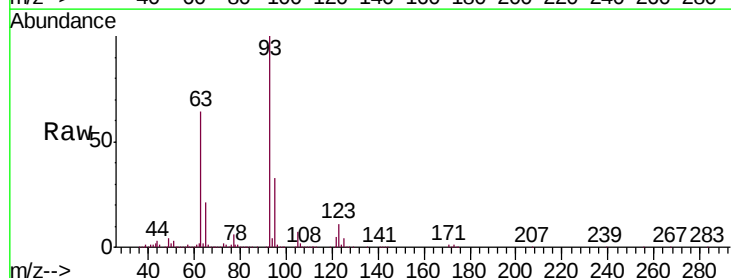
Tgt Ion: 93 Resp: 529891

Ion Ratio Lower Upper

93 100

95 33.2 26.4 39.6

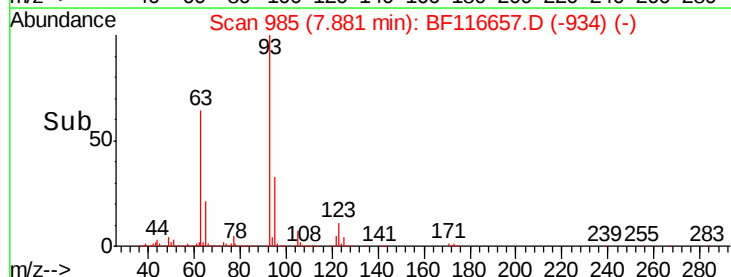
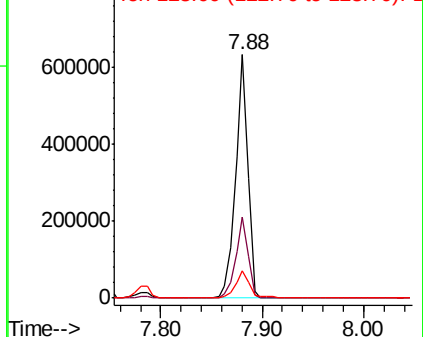
123 11.4 9.8 14.8

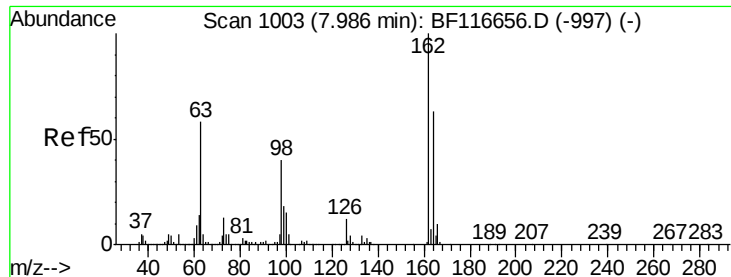


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

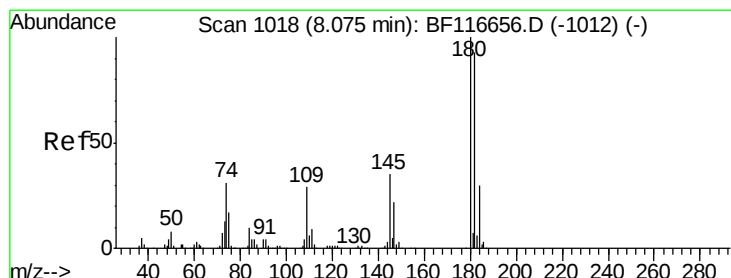
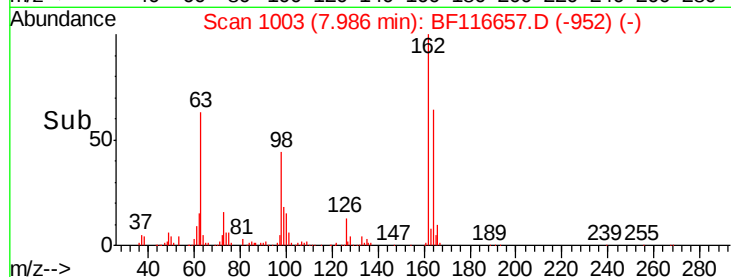
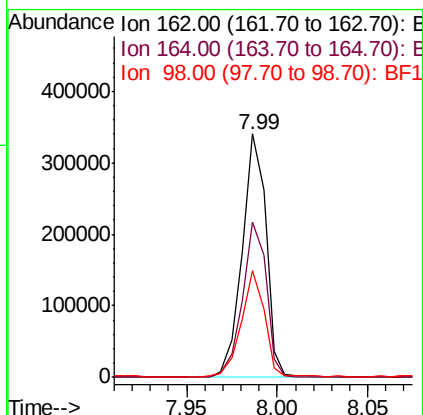
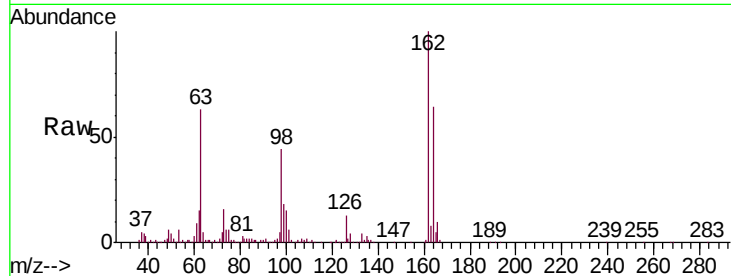




#29
 2,4-Dichlorophenol
 Concen: 43.369 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF116657.D
 Acq: 30 Aug 2019 17:50

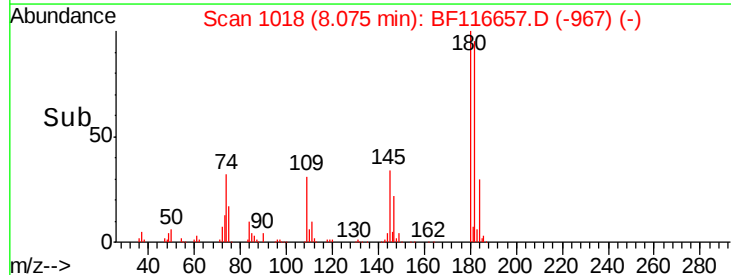
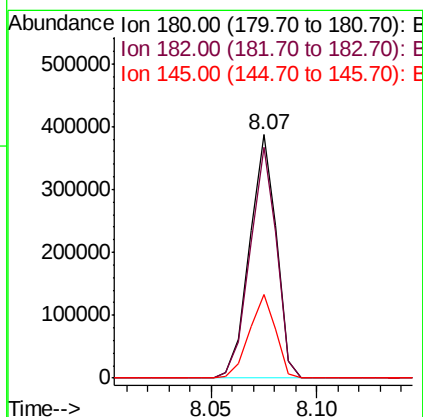
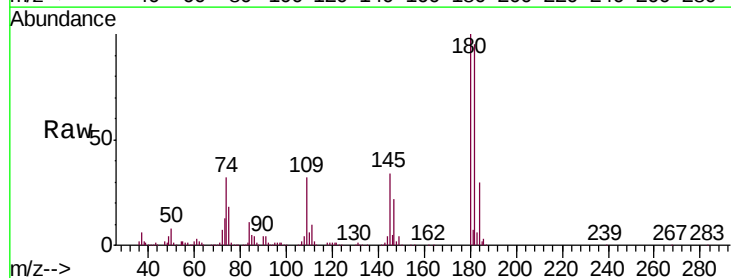
Instrument :
 BNA_F
 ClientSampleId :

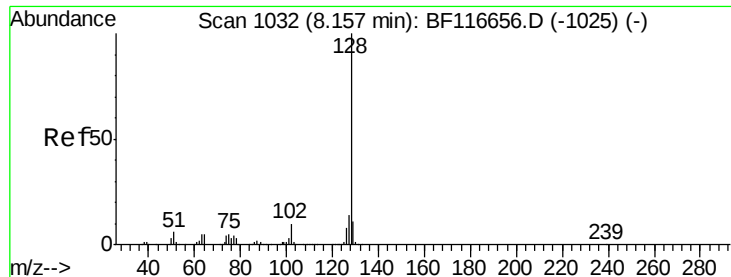
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.4	83.4
98	43.9	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.951 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF116657.D
 Acq: 30 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	78.6	118.0
145	34.4	25.7	38.5

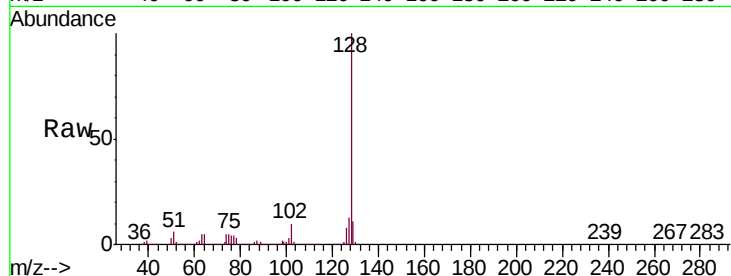




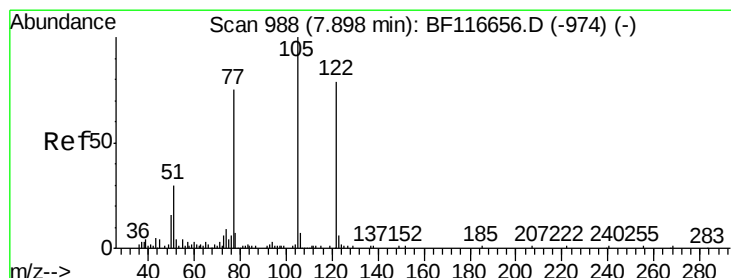
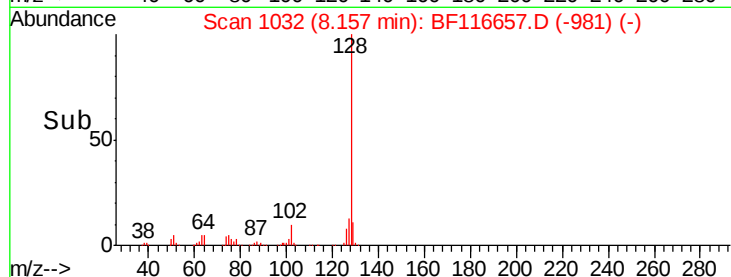
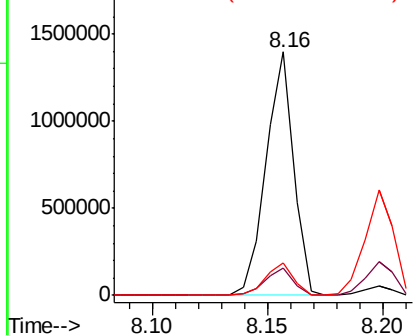
#31
Naphthalene
Concen: 45.095 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1166279
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.4 15.6

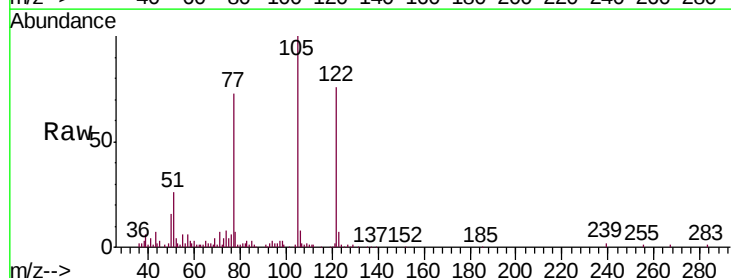


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

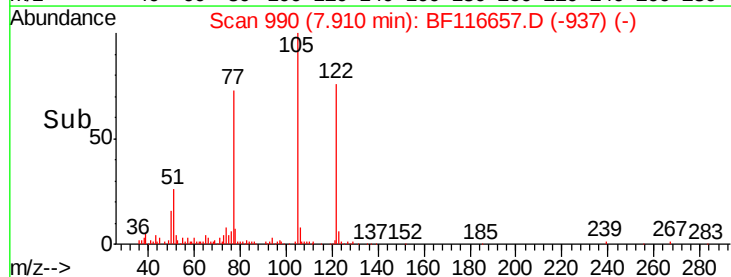
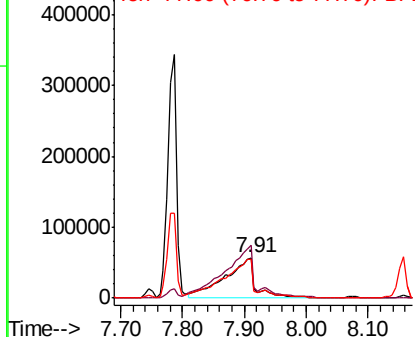


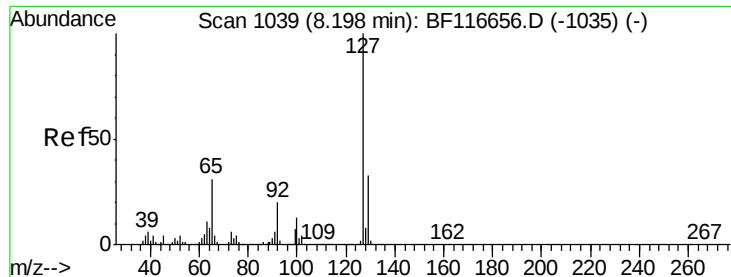
#32
Benzoic acid
Concen: 35.531 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Tgt Ion:122 Resp: 195770
Ion Ratio Lower Upper
122 100
105 131.3 110.0 150.0
77 96.5 81.7 121.7



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

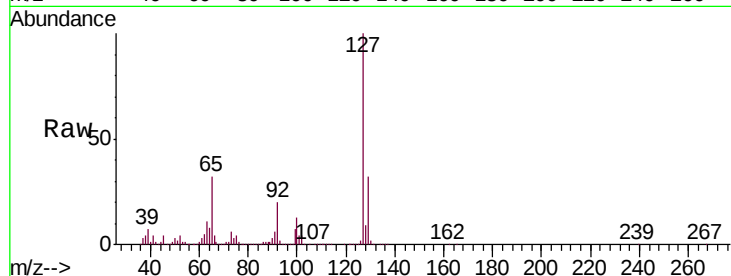




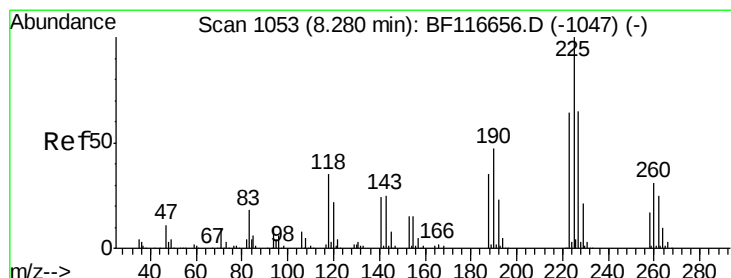
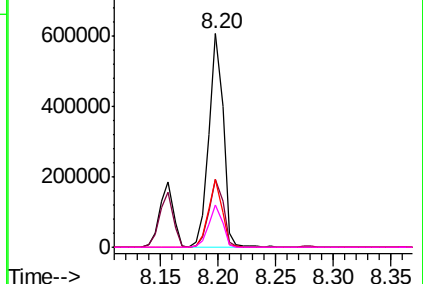
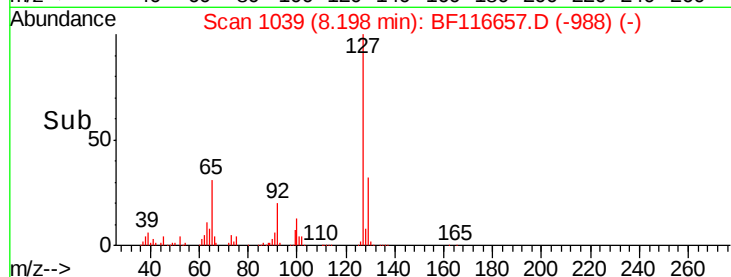
#33
4-Chloroaniline
Concen: 48.003 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	526473
Ion Ratio	Lower	Upper
127	100	
129	32.0	26.2 39.2
65	31.7	26.0 39.0
92	19.8	16.1 24.1

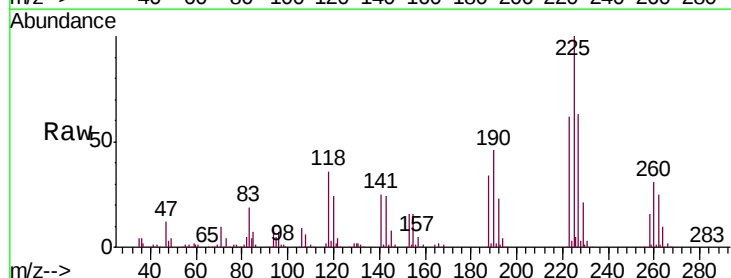


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

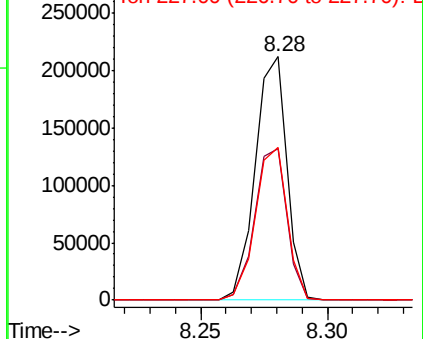
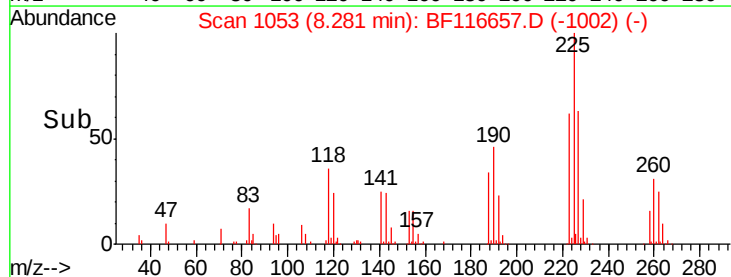


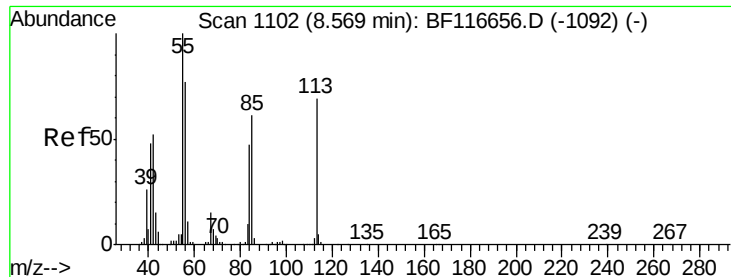
#34
Hexachlorobutadiene
Concen: 39.043 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Tgt Ion:225	Resp:	185785
Ion Ratio	Lower	Upper
225	100	
223	62.3	49.4 74.2
227	62.6	51.0 76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 50.976 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

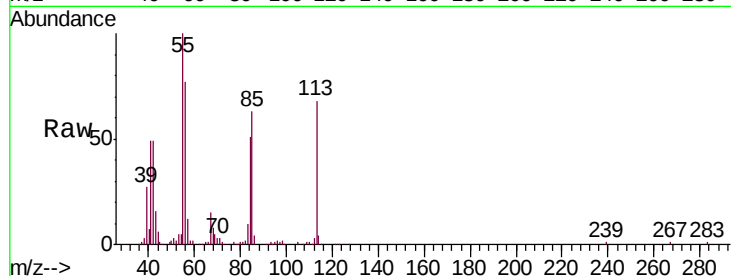
Tot Ion:113 Resp: 116564

Ion Ratio Lower Upper

113 100

55 147.8 124.3 164.3

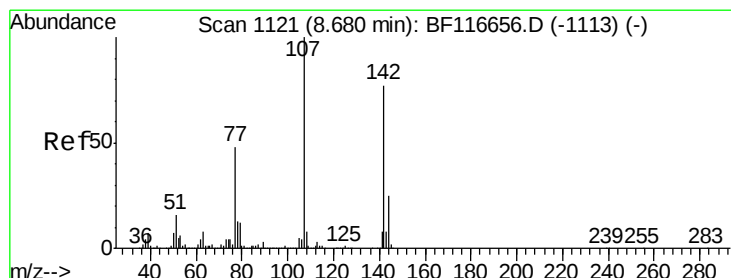
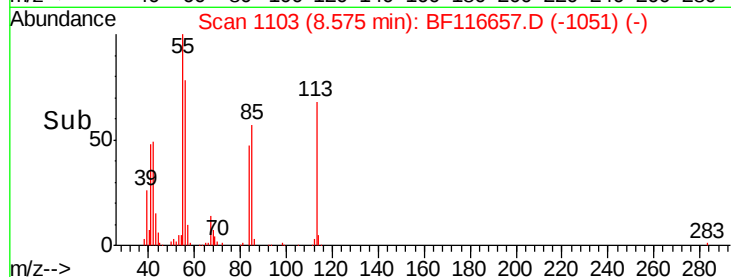
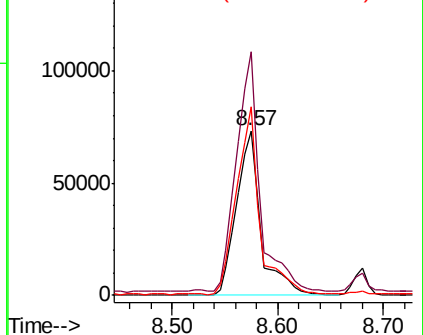
56 114.3 94.6 134.6



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: 45.253 ng

RT: 8.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

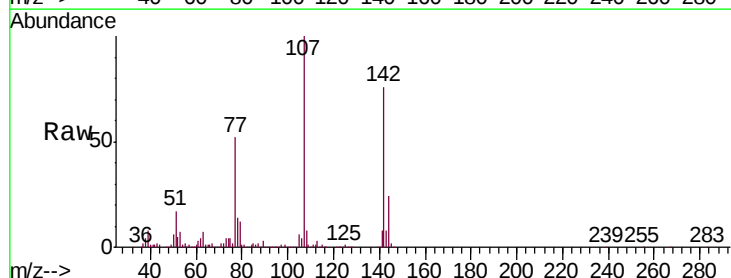
Tgt Ion:107 Resp: 361028

Ion Ratio Lower Upper

107 100

144 23.9 18.6 27.8

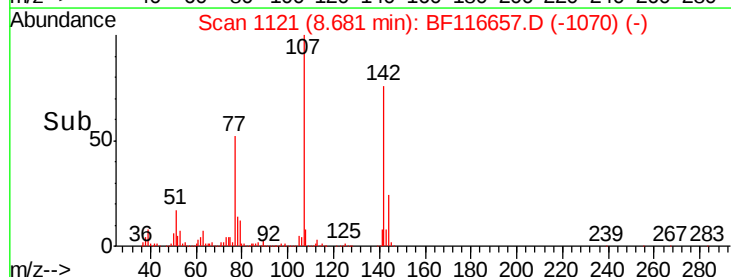
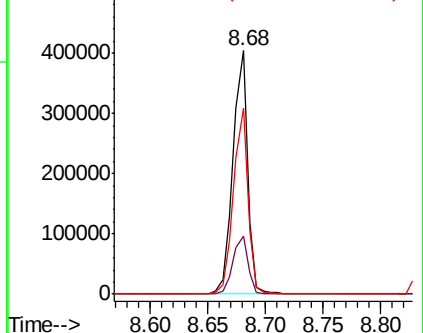
142 76.2 58.5 87.7

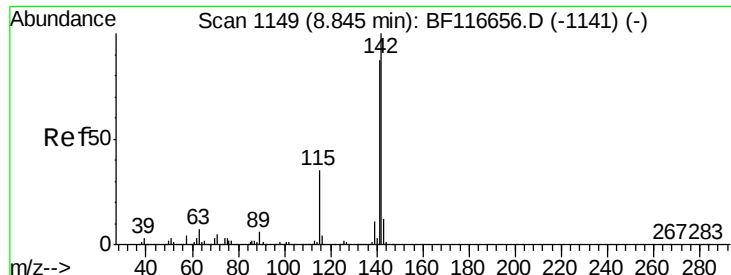


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

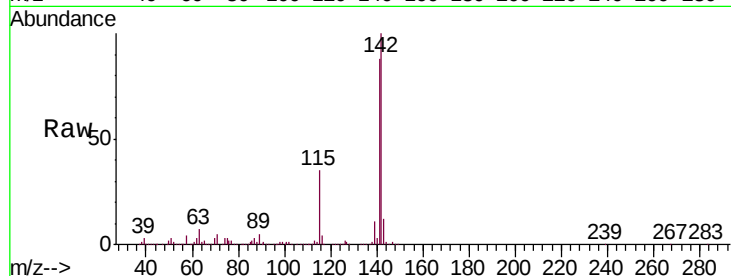




#37
2-Methylnaphthalene
Concen: 45.325 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.6	109.0
115	34.6	29.8	44.6

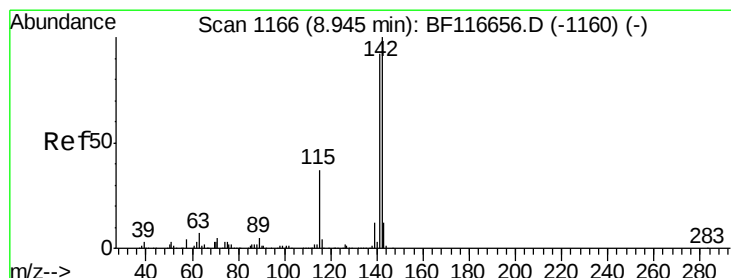
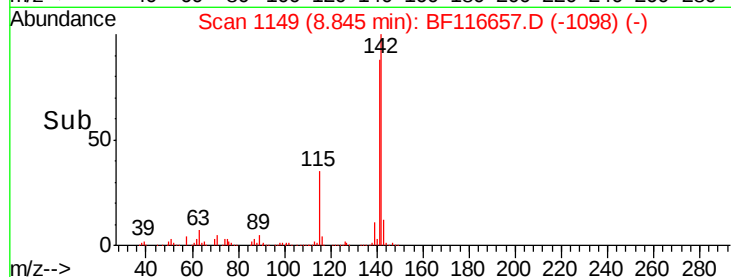
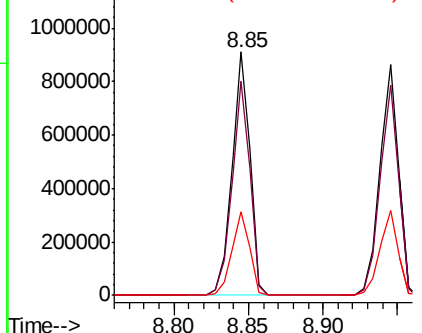


Abundance

Ion 142.00 (141.70 to 142.70): E

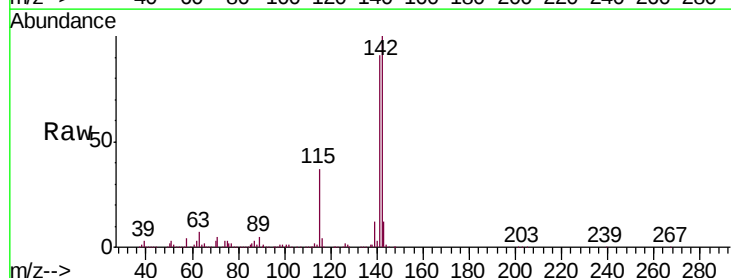
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.514 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.9	110.9
116	3.9	3.0	4.6

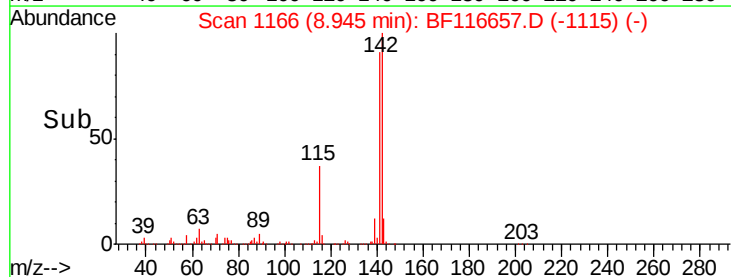
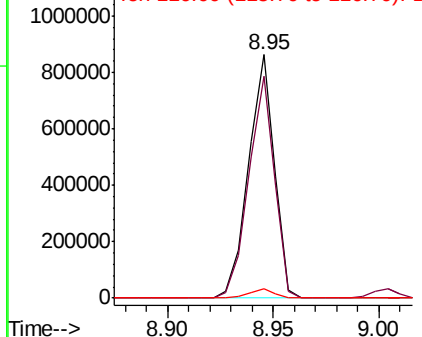


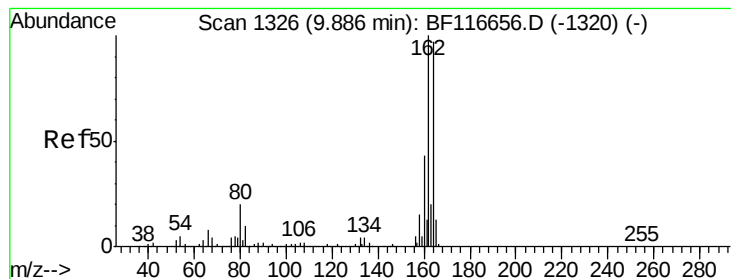
Abundance

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: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

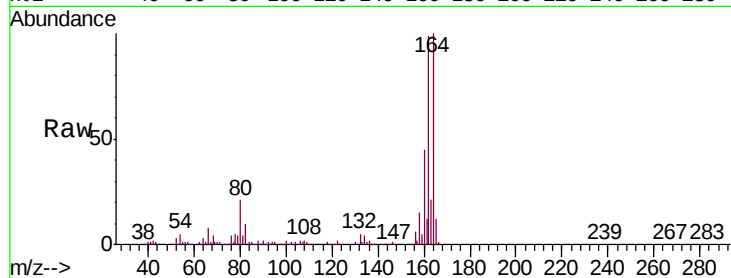
Tot Ion:164 Resp: 256634

Ion Ratio Lower Upper

164 100

162 99.5 81.4 122.0

160 45.5 35.4 53.2

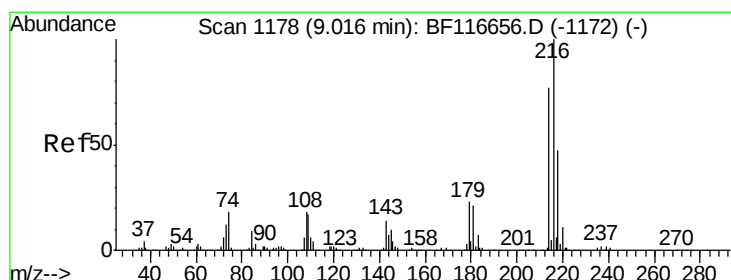
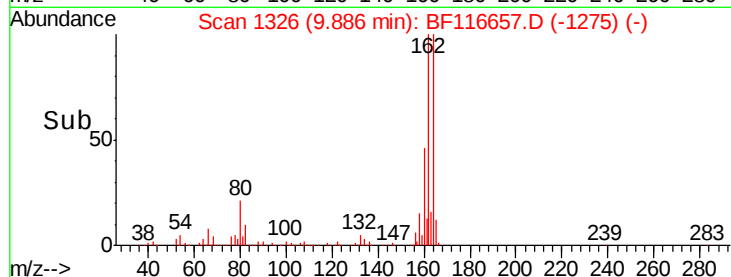
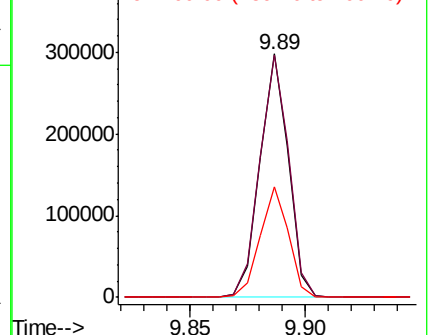


Abundance

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: 33.477 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Tgt Ion:216 Resp: 291453

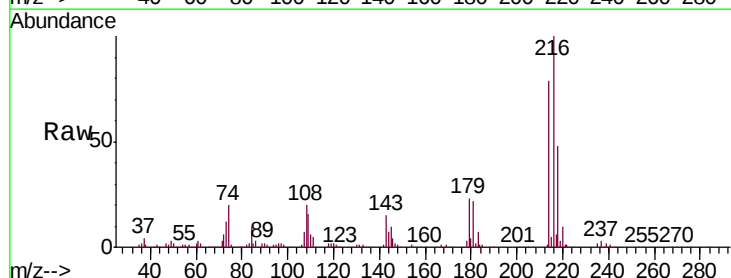
Ion Ratio Lower Upper

216 100

214 79.2 62.7 94.1

179 24.1 19.3 28.9

108 24.8 16.6 25.0



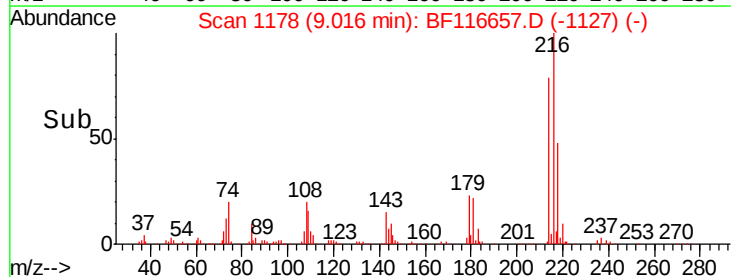
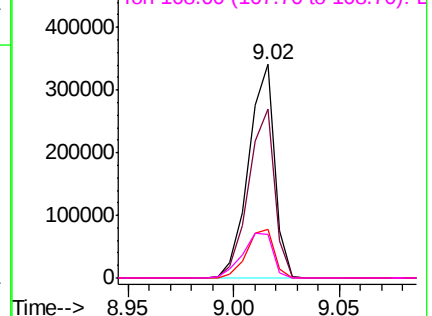
Abundance

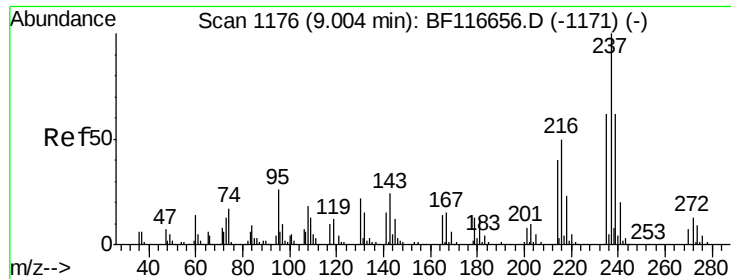
Ion 216.00 (215.70 to 216.70): E

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

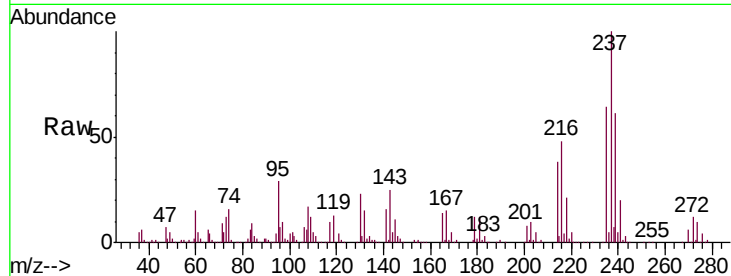




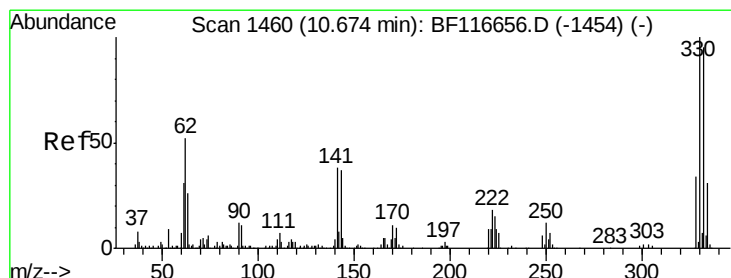
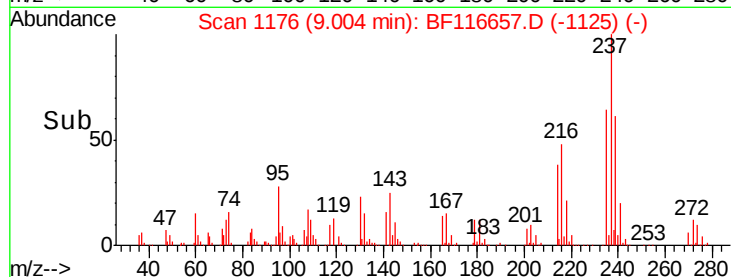
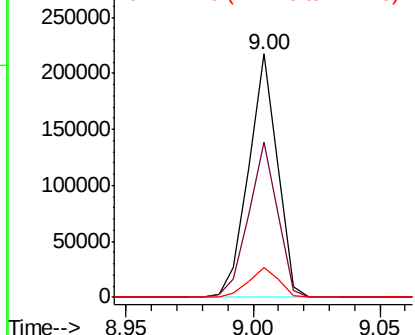
#41
Hexachlorocyclopentadiene
Concen: 33.911 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 173040
Ion Ratio Lower Upper
237 100
235 63.8 41.4 81.4
272 12.0 0.0 32.8

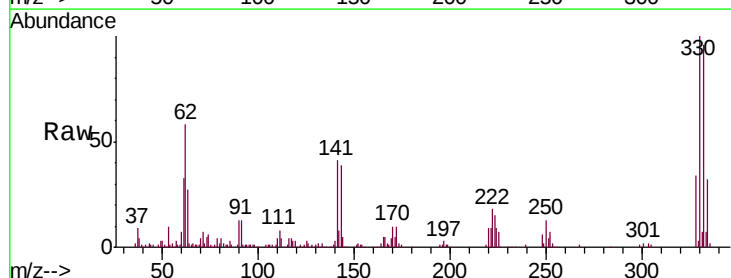


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

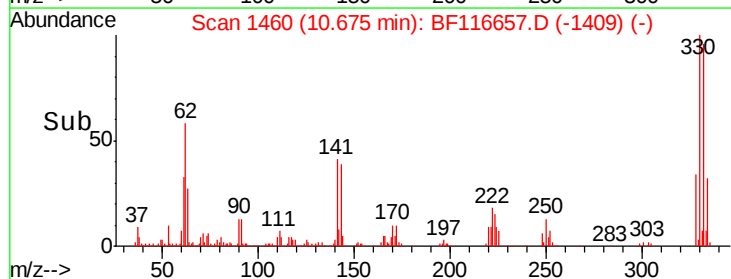
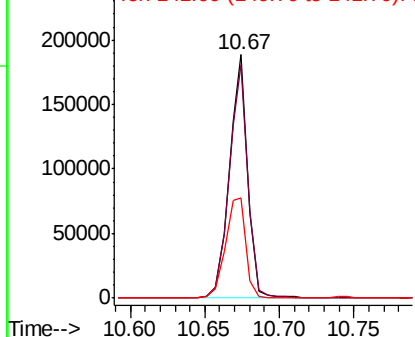


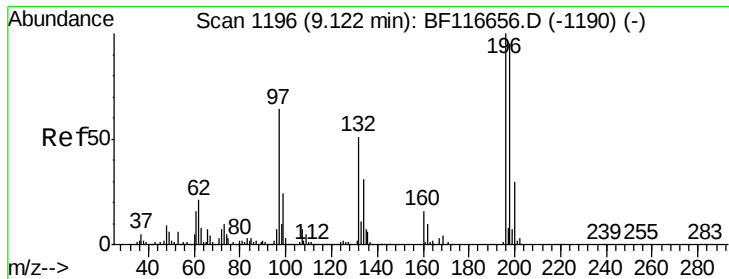
#42
2,4,6-Tribromophenol
Concen: 55.339 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Tgt Ion:330 Resp: 163770
Ion Ratio Lower Upper
330 100
332 97.9 76.9 115.3
141 46.6 31.4 47.2



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

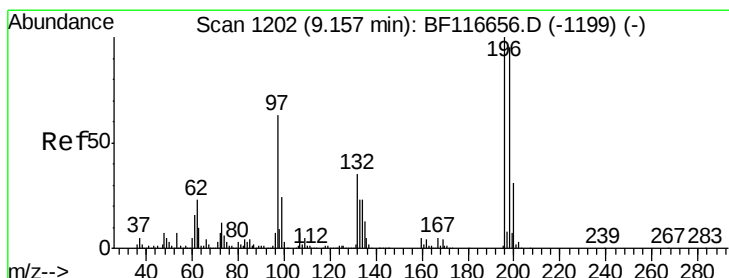
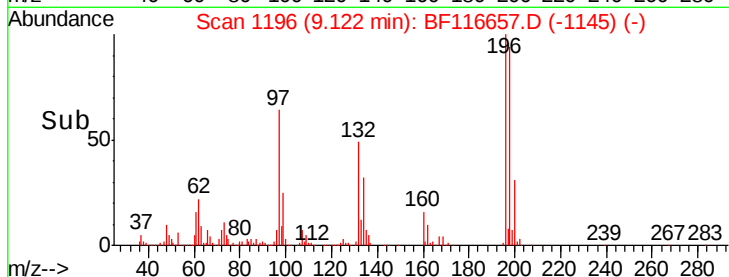
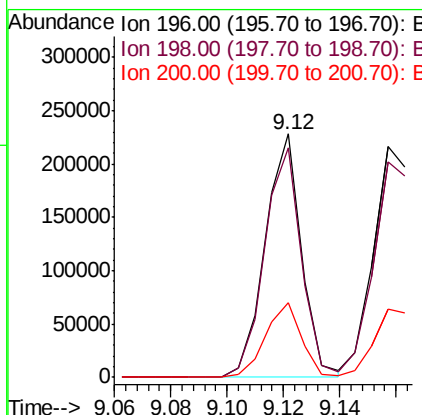
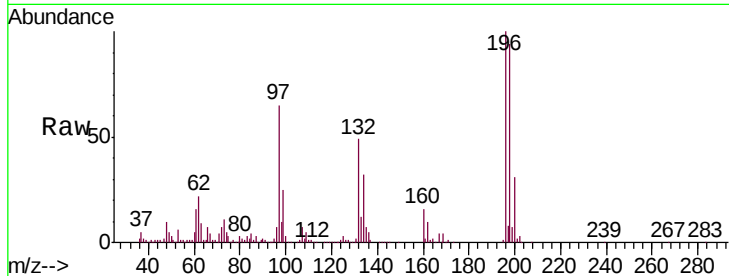




#43
 2,4,6-Trichlorophenol
 Concen: 34.688 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF116657.D
 Acq: 30 Aug 2019 17:50

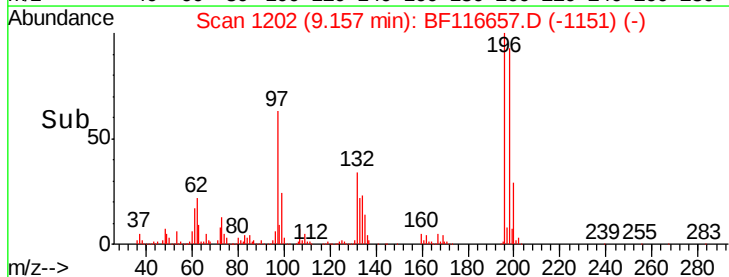
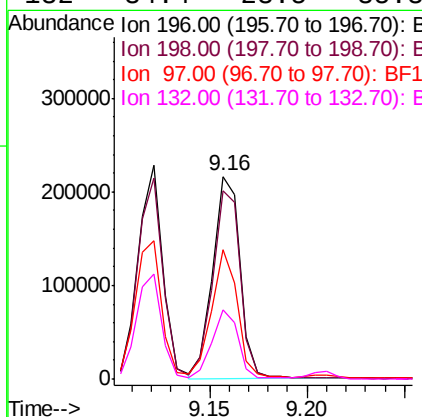
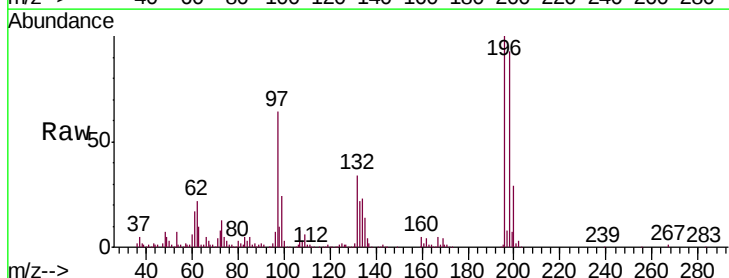
Instrument :
 BNA_F
 ClientSampleId :

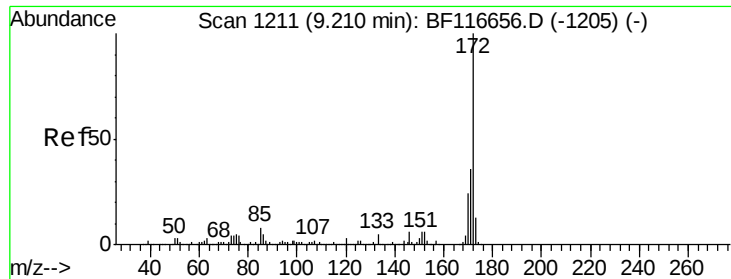
Tot Ion:196 Resp: 203623
 Ion Ratio Lower Upper
 196 100
 198 94.1 79.1 118.7
 200 30.7 24.0 36.0



#44
 2,4,5-Trichlorophenol
 Concen: 35.330 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF116657.D
 Acq: 30 Aug 2019 17:50

Tgt Ion:196 Resp: 210692
 Ion Ratio Lower Upper
 196 100
 198 93.1 78.1 117.1
 97 63.9 41.6 62.4#
 132 34.4 23.5 35.3

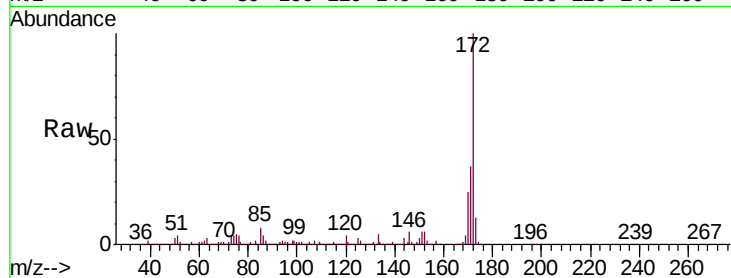




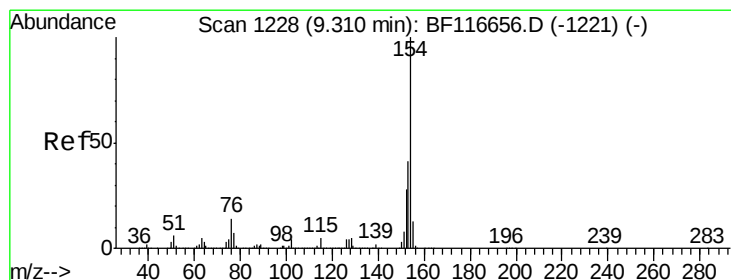
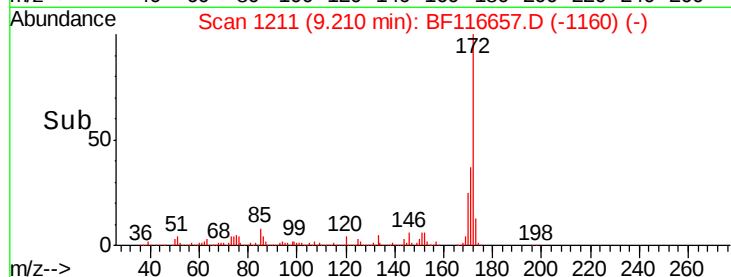
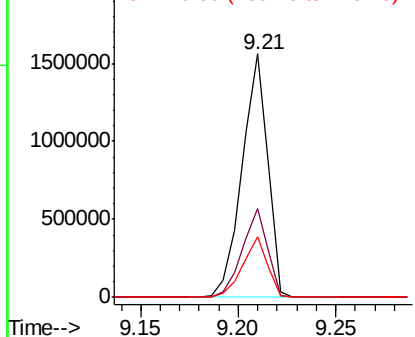
#45
2-Fluorobiphenyl
Concen: 69.214 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1414940
Ion Ratio Lower Upper
172 100
171 36.5 27.8 41.6
170 24.7 18.9 28.3

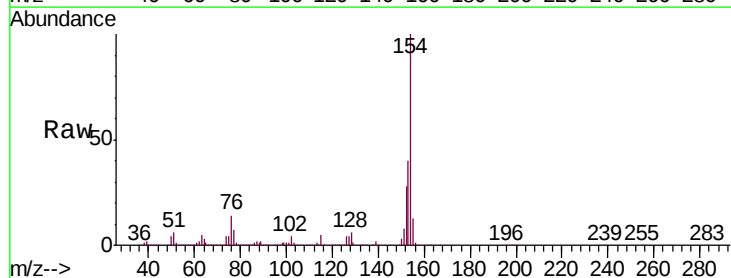


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

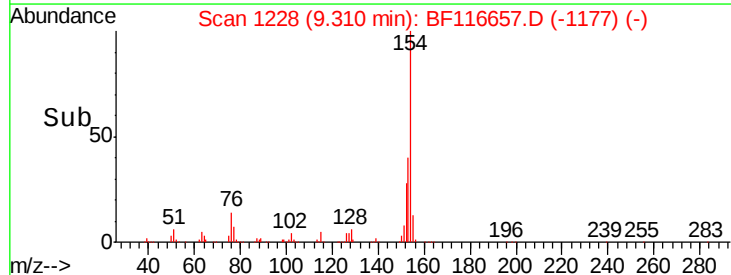
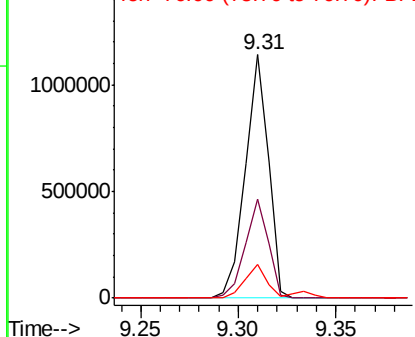


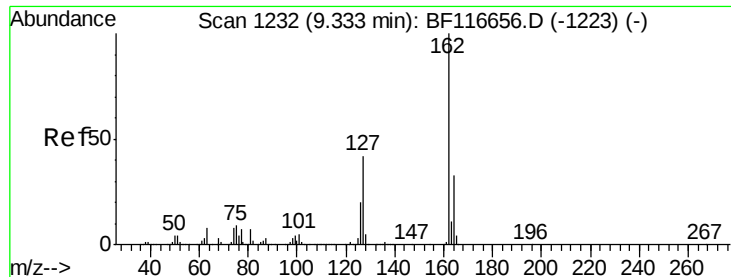
#46
1,1'-Biphenyl
Concen: 37.569 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Tgt Ion:154 Resp: 933595
Ion Ratio Lower Upper
154 100
153 40.5 21.2 61.2
76 13.8 0.0 30.9



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

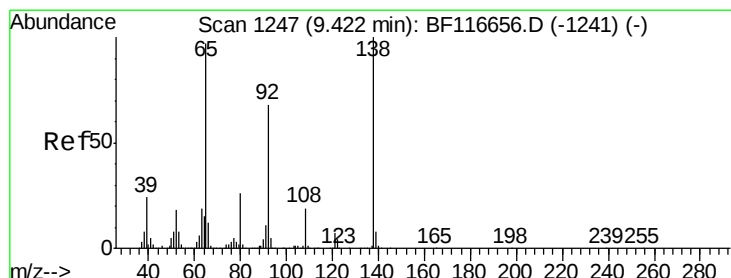
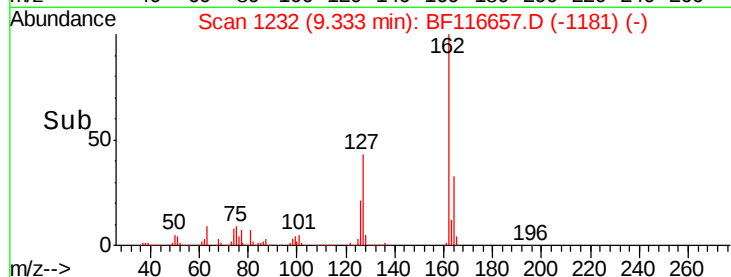
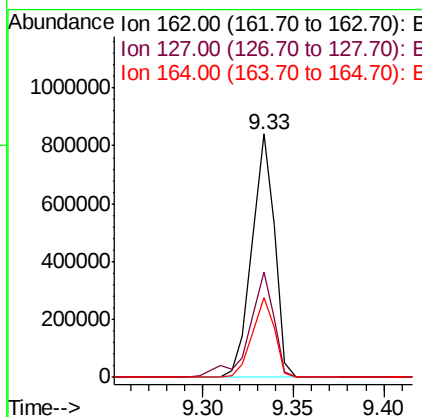
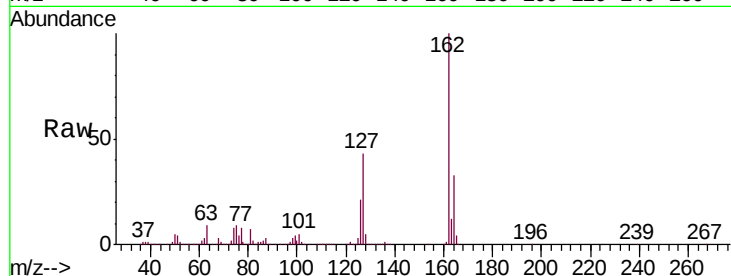




#47
 2-Chloronaphthalene
 Concen: 37.984 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF116657.D
 Acq: 30 Aug 2019 17:50

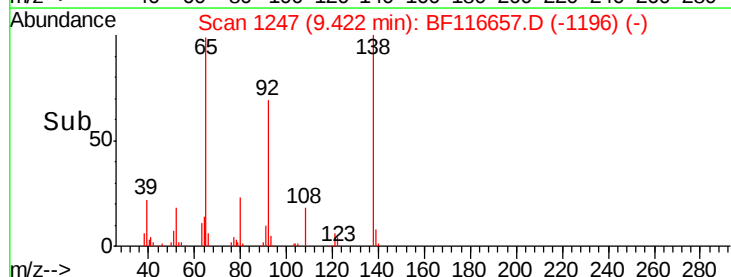
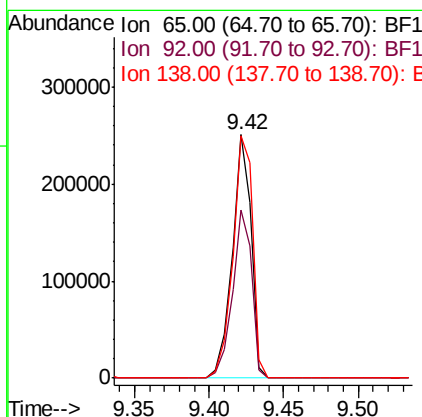
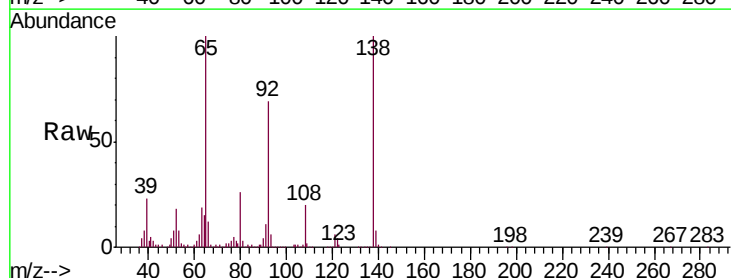
Instrument :
 BNA_F
 ClientSampleId :

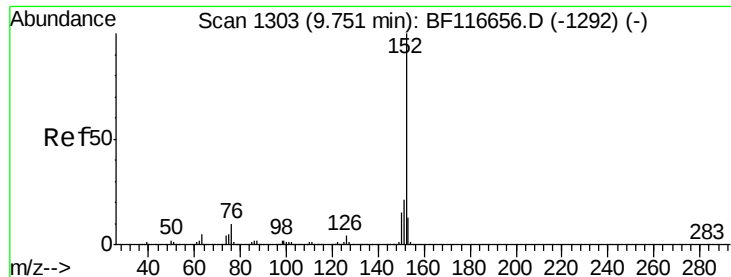
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.4	33.4	50.2
164	33.0	26.6	39.8



#48
 2-Nitroaniline
 Concen: 38.162 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF116657.D
 Acq: 30 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	57.1	85.7
138	99.8	88.2	132.2





#49

Acenaphthylene

Concen: 42.393 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

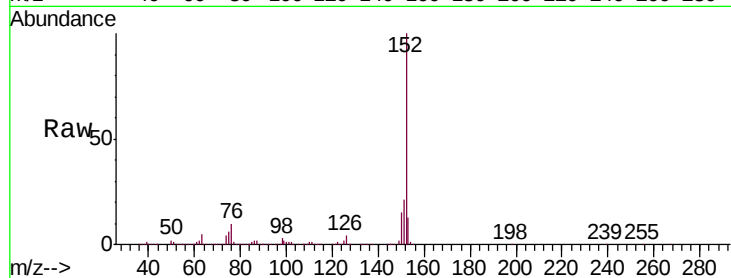
Tot Ion:152 Resp: 1106296

Ion Ratio Lower Upper

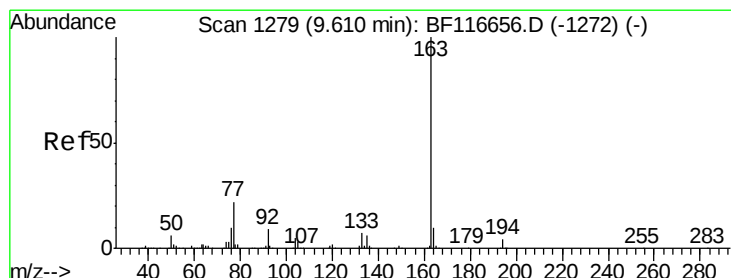
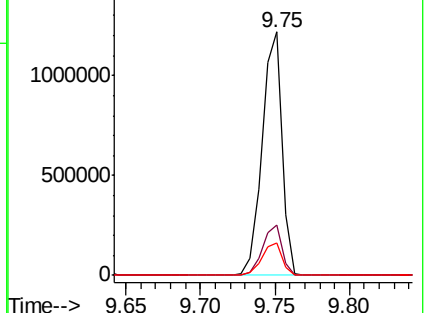
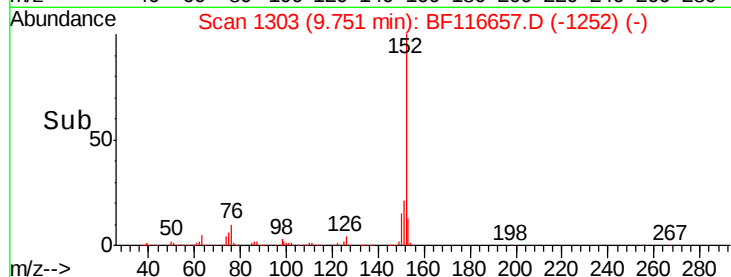
152 100

151 20.7 15.9 23.9

153 13.4 10.9 16.3



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: 38.131 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

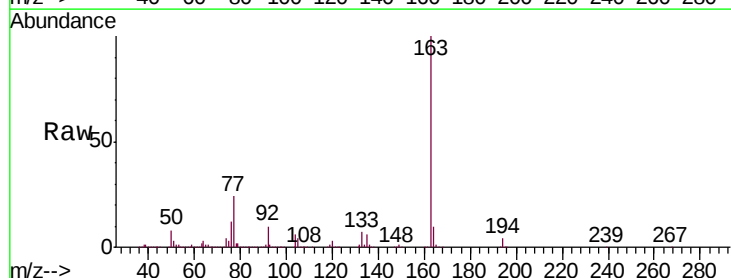
Tgt Ion:163 Resp: 833456

Ion Ratio Lower Upper

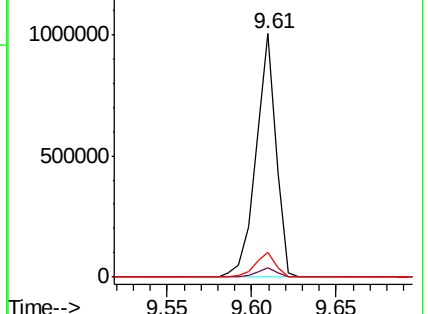
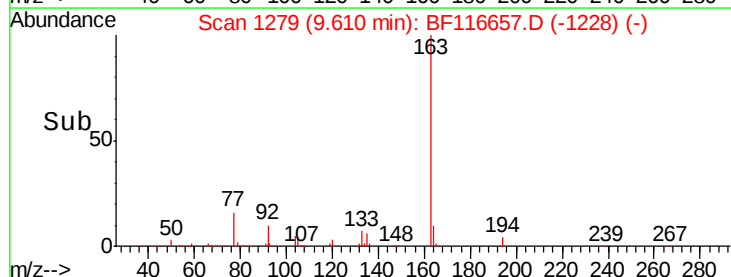
163 100

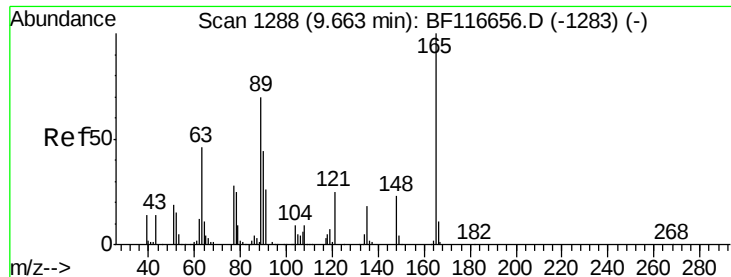
194 3.8 2.8 4.2

164 10.2 8.6 12.8



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

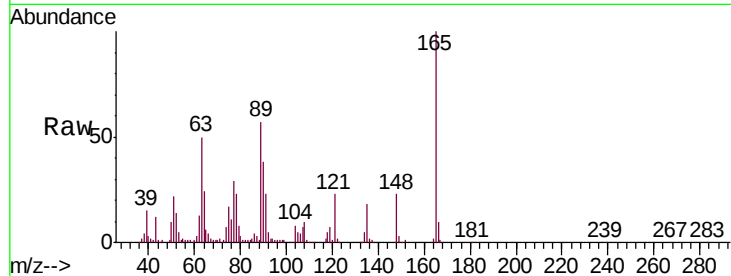




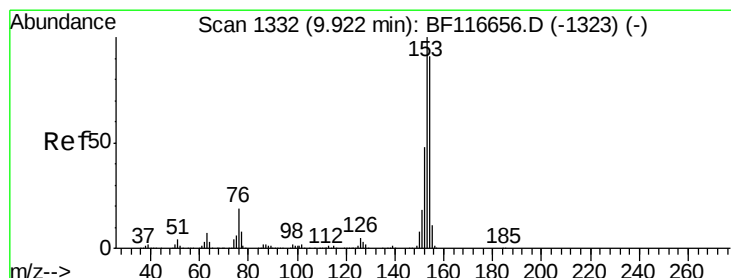
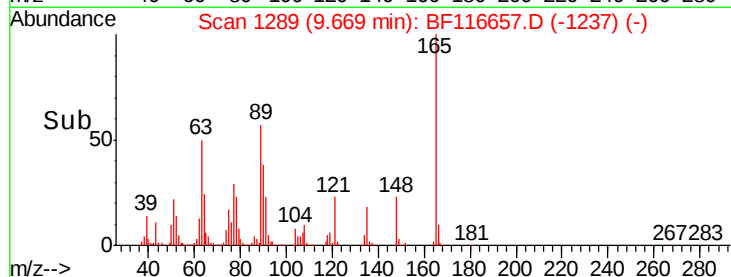
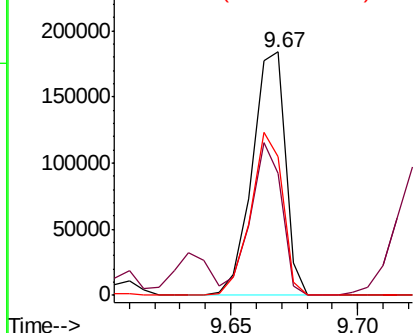
#51
2,6-Dinitrotoluene
Concen: 37.497 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 168582
Ion Ratio Lower Upper
165 100
63 50.0 47.3 70.9
89 57.0 52.5 78.7

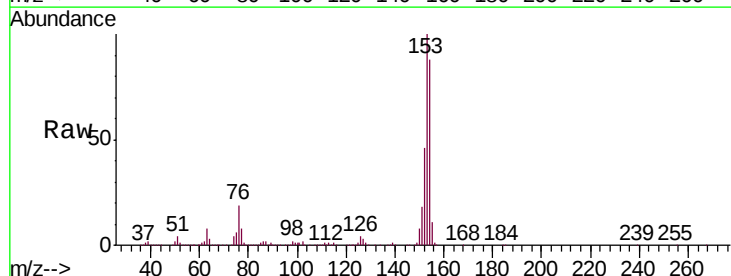


Abundance Ion 165.00 (164.70 to 165.70): E
250000 Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

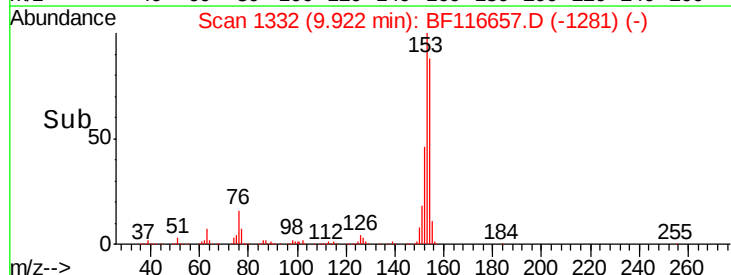
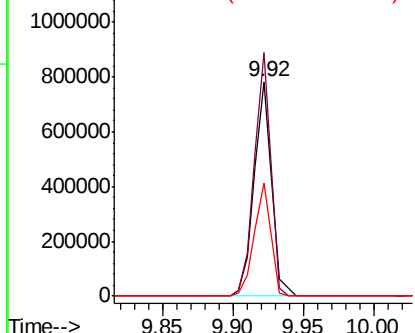


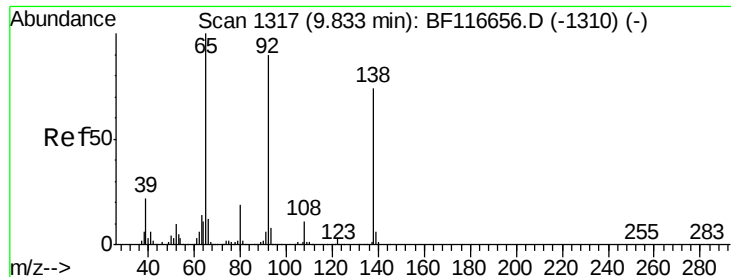
#52
Acenaphthene
Concen: 43.106 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Tgt Ion:154 Resp: 683704
Ion Ratio Lower Upper
154 100
153 113.7 89.5 134.3
152 52.7 41.9 62.9



Abundance Ion 154.00 (153.70 to 154.70): E
1200000 Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

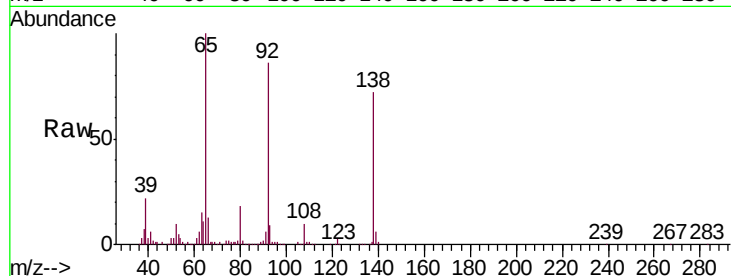




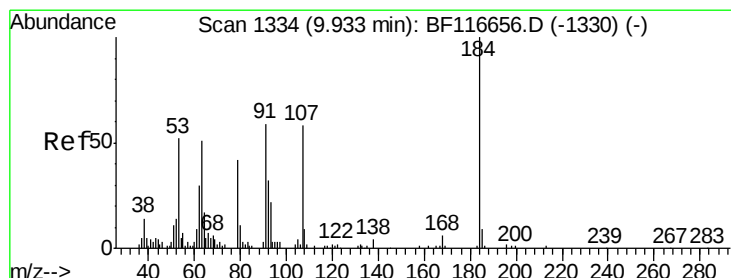
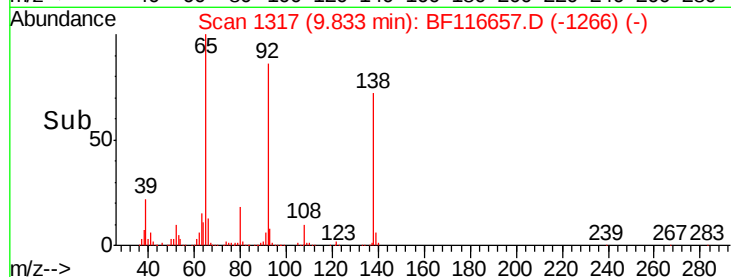
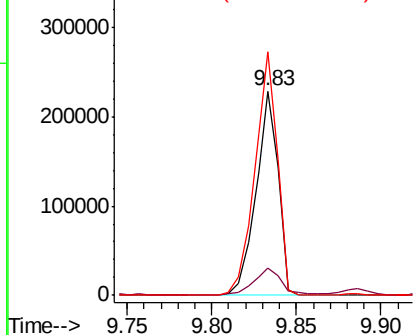
#53
3-Nitroaniline
Concen: 42.790 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.4	8.5	12.7#
92	119.3	87.2	130.8

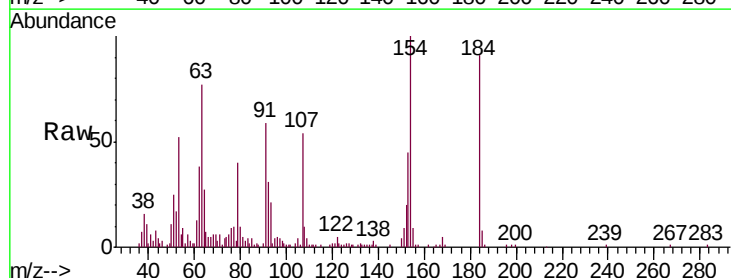


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

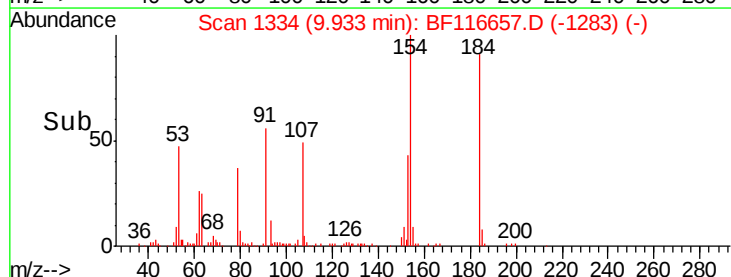
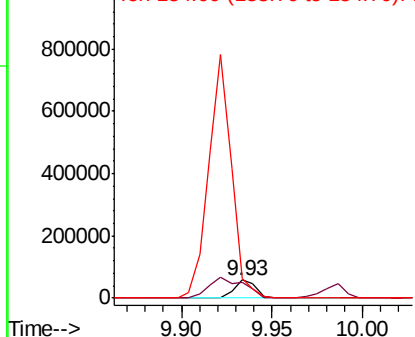


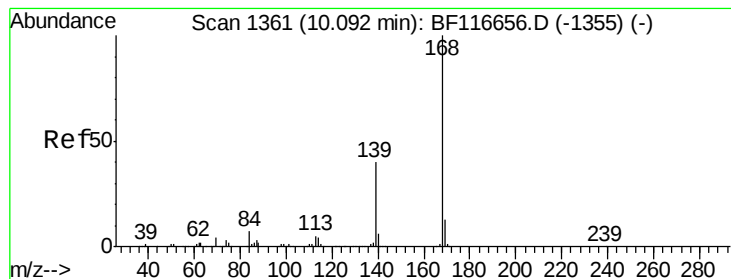
#54
2,4-Dinitrophenol
Concen: 25.635 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	85.4	52.2	78.2#
154	110.5	60.8	91.2#



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





#55

Dibenzofuran

Concen: 39.897 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

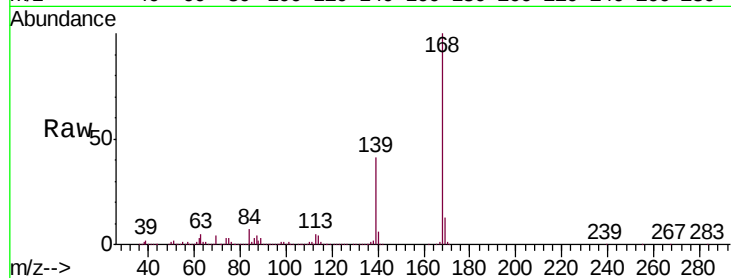
Tot Ion:168 Resp: 958459

Ion Ratio Lower Upper

168 100

139 40.9 31.5 47.3

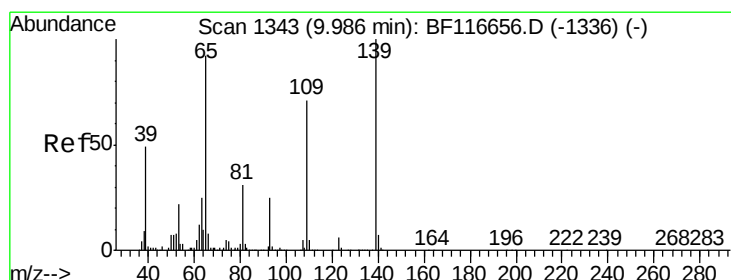
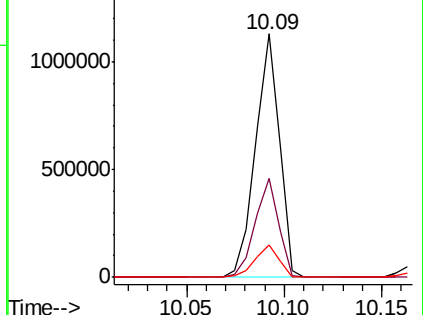
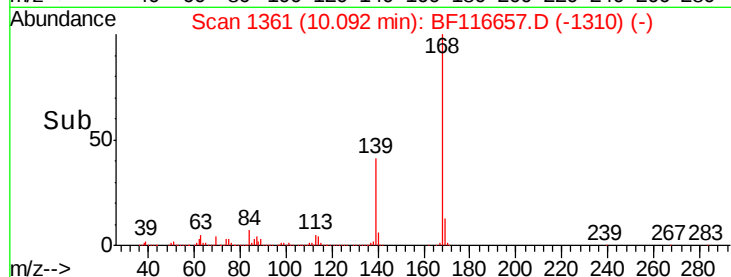
169 13.5 10.3 15.5



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: 42.610 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

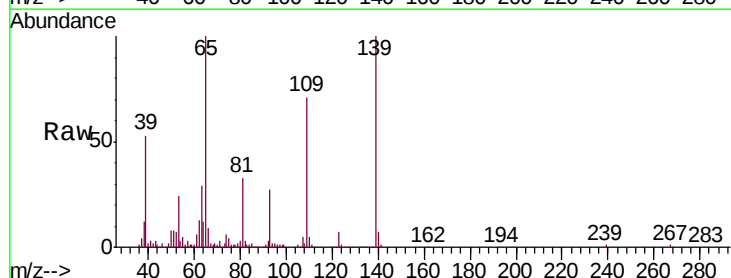
Tgt Ion:139 Resp: 143460

Ion Ratio Lower Upper

139 100

109 71.2 61.7 101.7

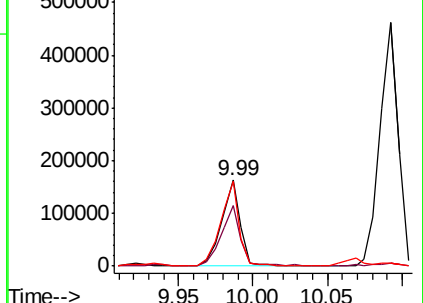
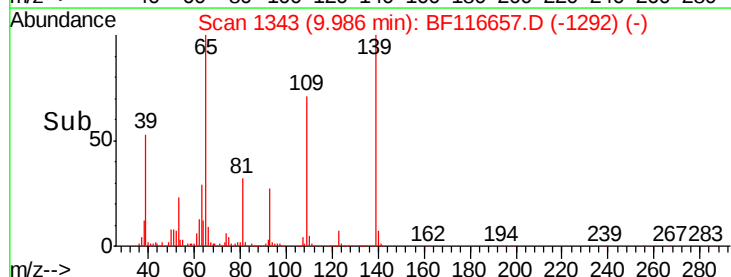
65 99.9 89.1 129.1

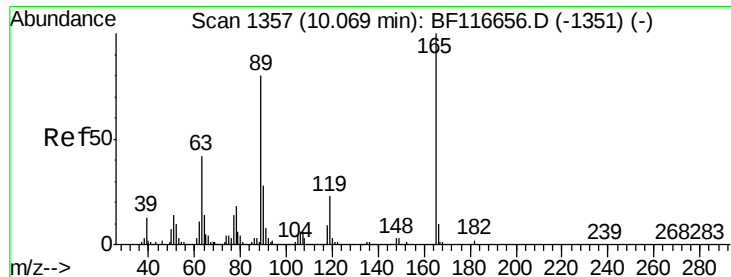


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

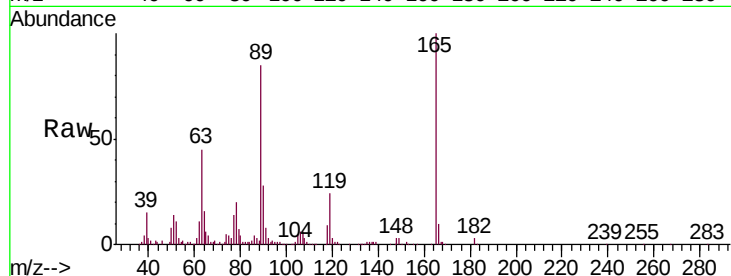




#57
 2,4-Dinitrotoluene
 Concen: 37.477 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF116657.D
 Acq: 30 Aug 2019 17:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	208258
Ion Ratio	Lower	Upper
165	100	
63	44.8	36.4 54.6
89	84.7	62.6 94.0
182	2.7	2.1 3.1



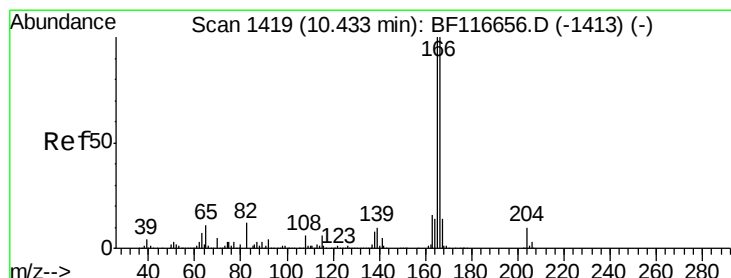
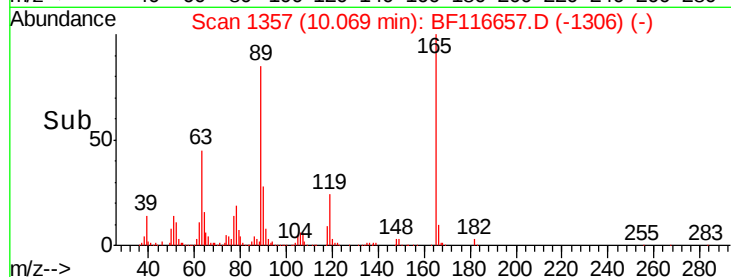
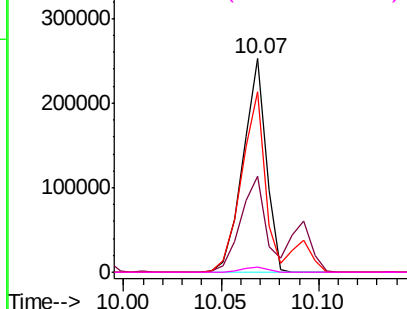
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

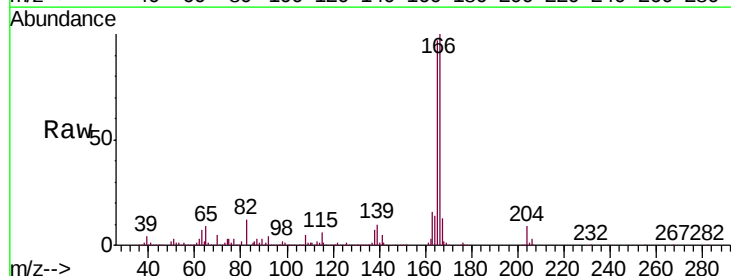
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 37.635 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF116657.D
 Acq: 30 Aug 2019 17:50

Tgt Ion:166	Resp:	729237
Ion Ratio	Lower	Upper
166	100	
165	97.3	78.8 118.2
167	13.1	10.0 15.0

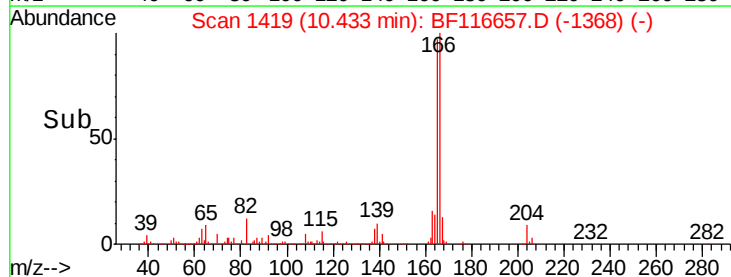
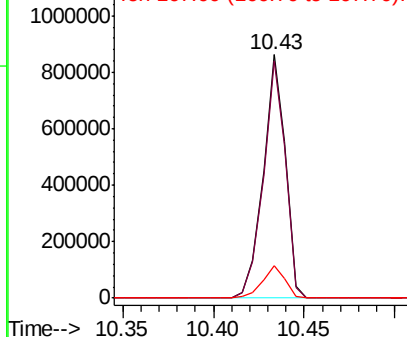


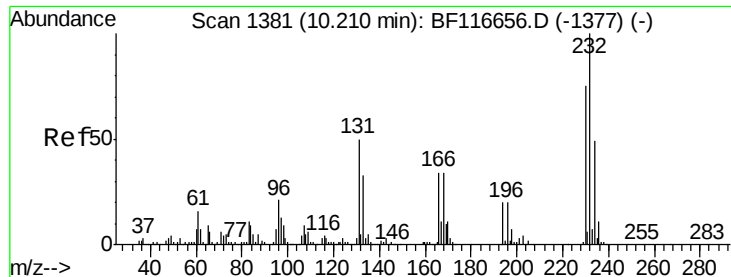
Abundance

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

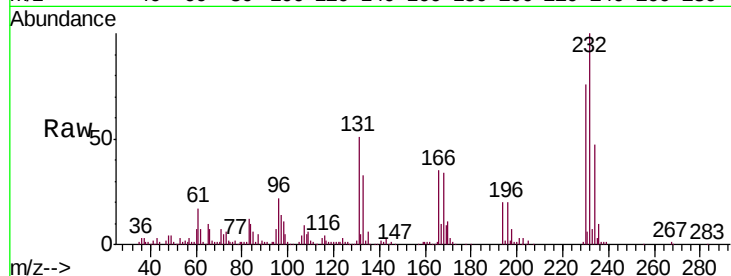




#59
2,3,4,6-Tetrachlorophenol
Concen: 32.902 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	57.0	42.7	64.1
130	2.8	1.9	2.9
166	37.4	27.4	41.2



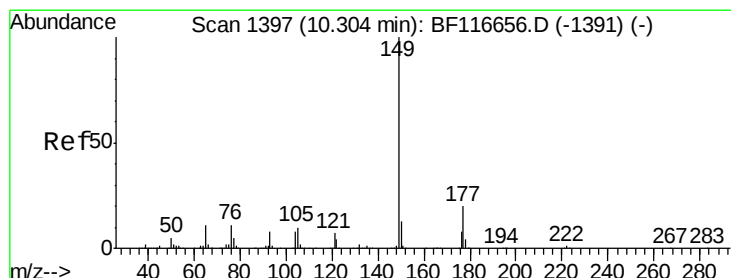
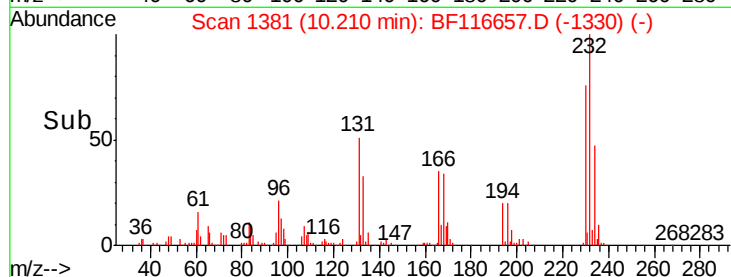
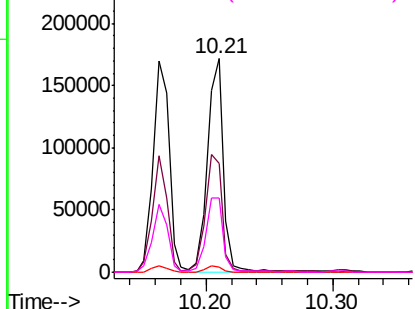
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

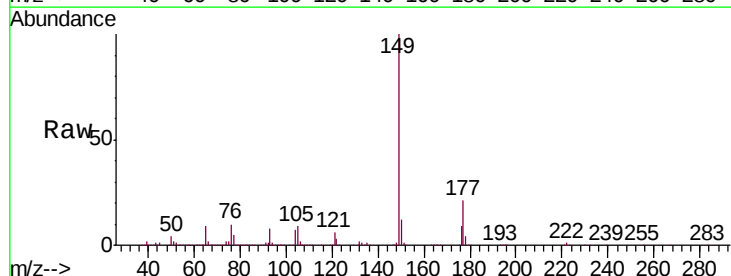
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.680 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.2	25.8
150	11.9	9.7	14.5

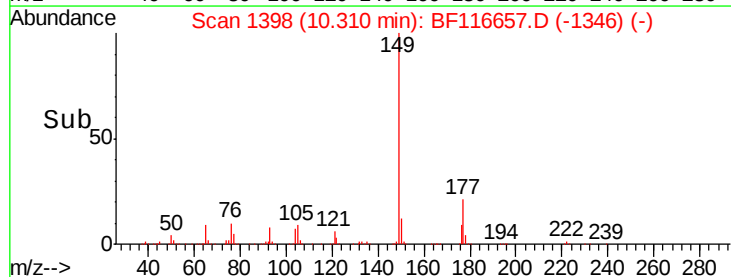
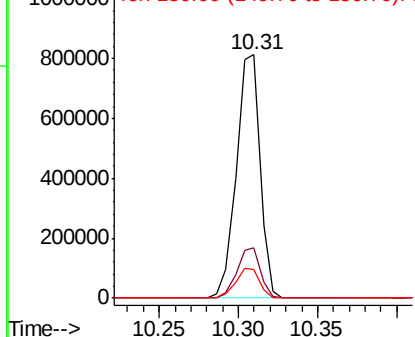


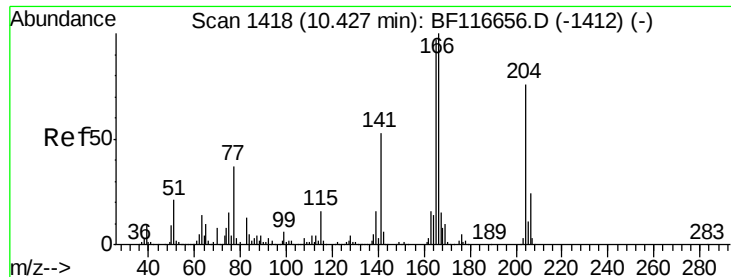
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

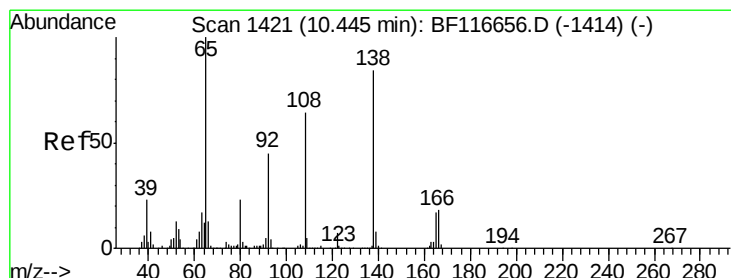
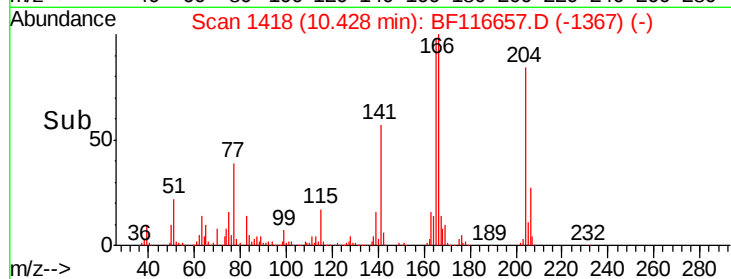
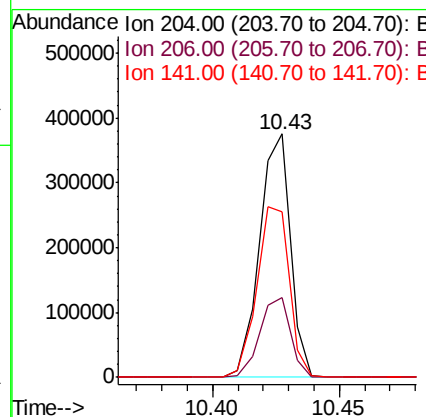
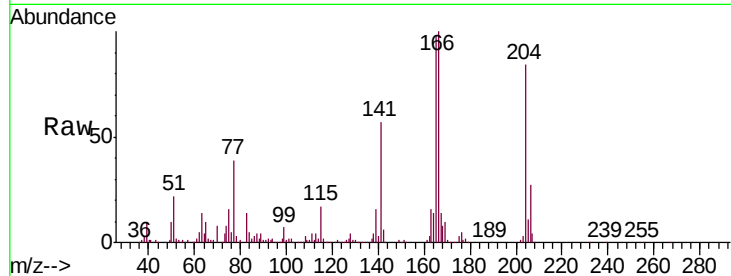




#61
 4-Chlorophenyl-phenylether
 Concen: 33.549 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF116657.D
 Acq: 30 Aug 2019 17:50

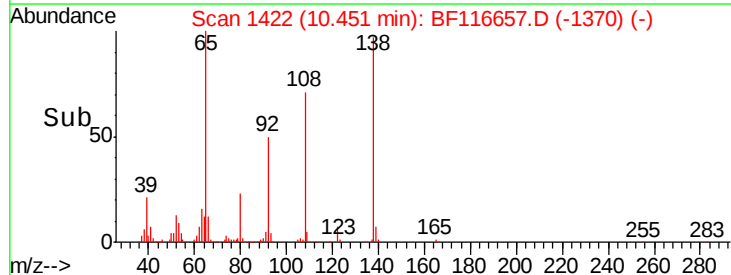
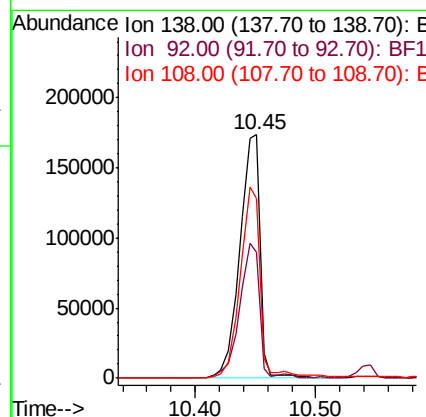
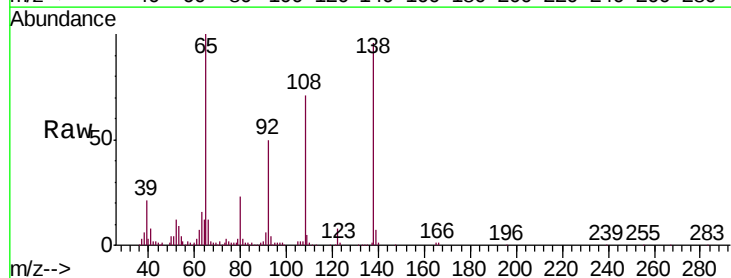
Instrument :
 BNA_F
 ClientSampleId :

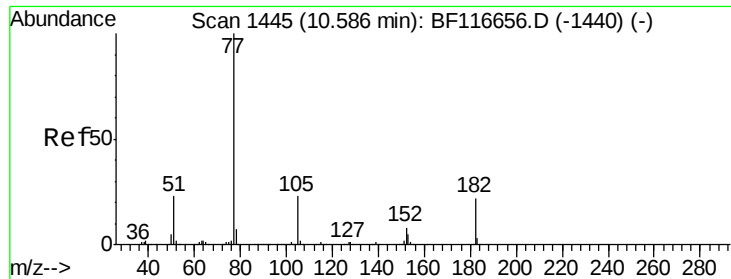
Tot Ion:	204	Resp:	320930
Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.4	38.2
141	68.2	53.8	80.8



#62
 4-Nitroaniline
 Concen: 38.278 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF116657.D
 Acq: 30 Aug 2019 17:50

Tgt Ion:	138	Resp:	203833
Ion	Ratio	Lower	Upper
138	100		
92	51.7	28.7	68.7
108	73.6	60.4	100.4

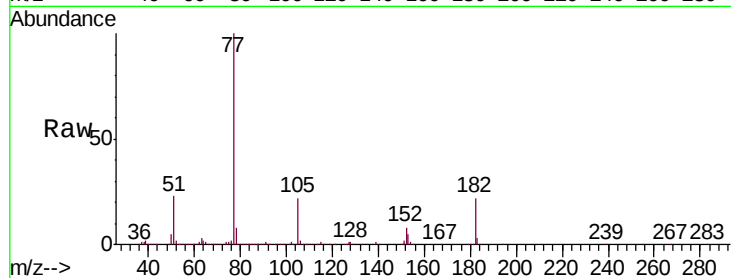




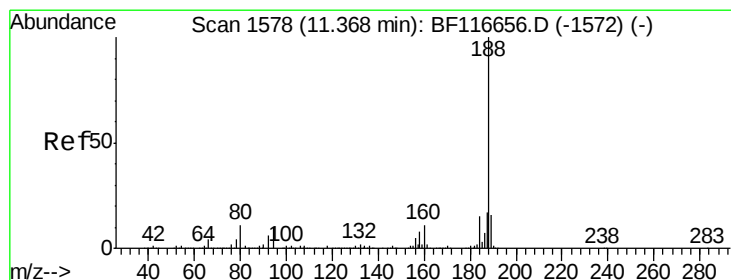
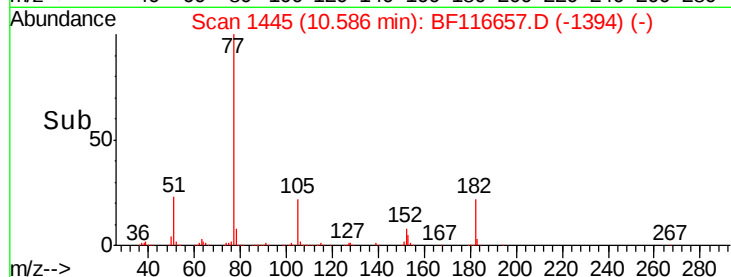
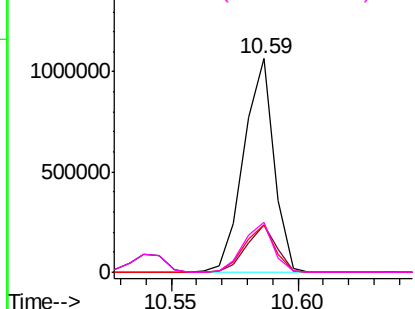
#63
Azobenzene
Concen: 42.801 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	879885
Ion	Ratio	Lower	Upper
77	100		
182	22.3	1.2	41.2
105	22.3	0.6	40.6
51	23.4	8.2	48.2

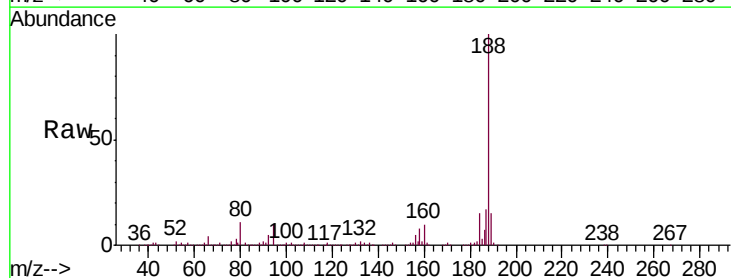


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

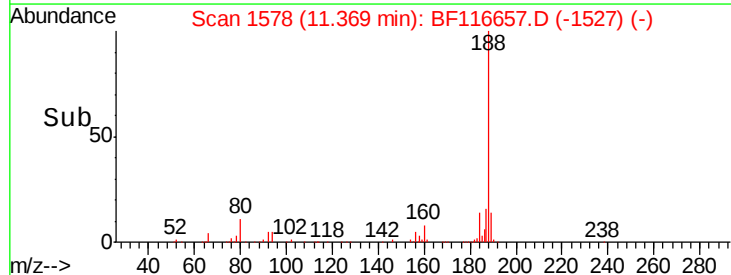
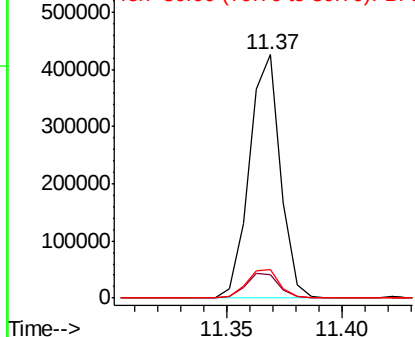


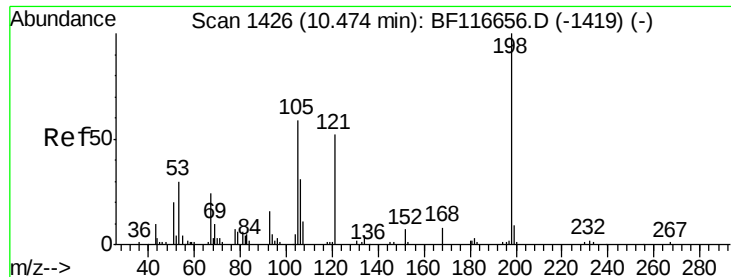
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Tgt Ion:	188	Resp:	399747
Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.3	10.9
80	11.5	8.4	12.6



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

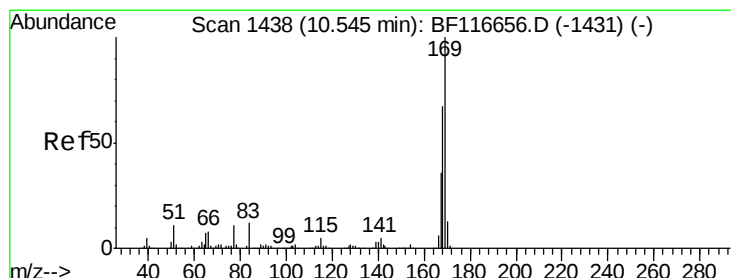
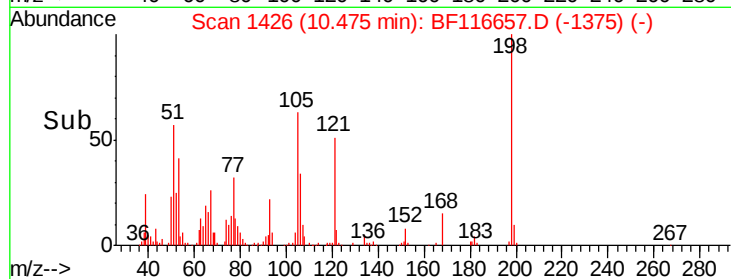
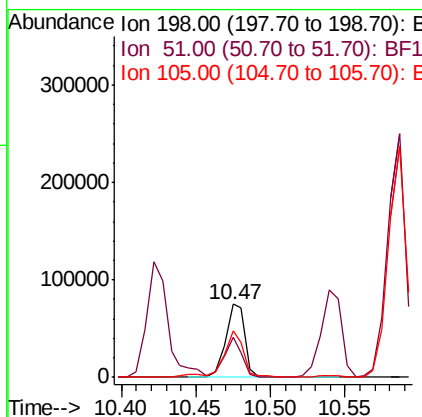
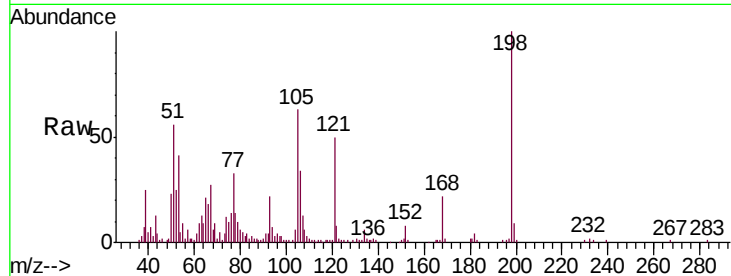




#65
 4,6-Dinitro-2-methylphenol
 Concen: 32.423 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF116657.D
 Acq: 30 Aug 2019 17:50

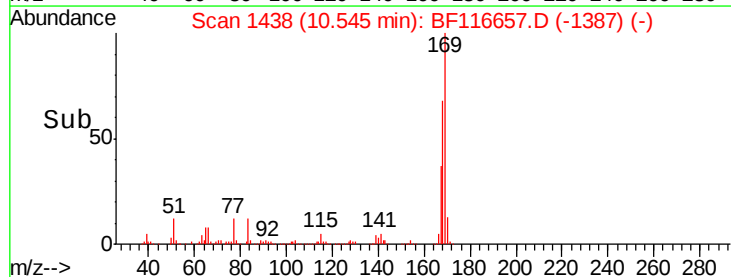
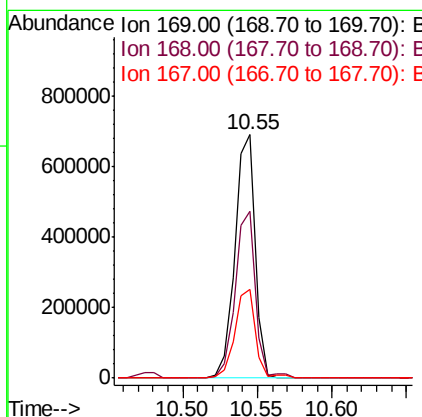
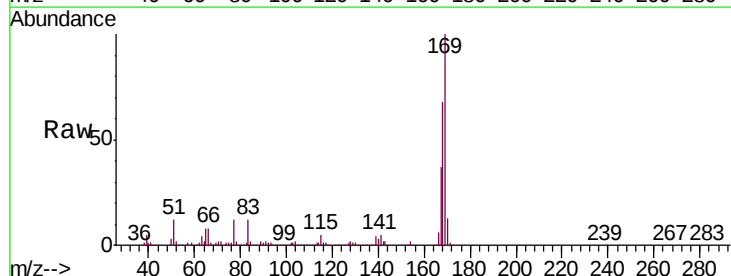
Instrument :
 BNA_F
 ClientSampled :

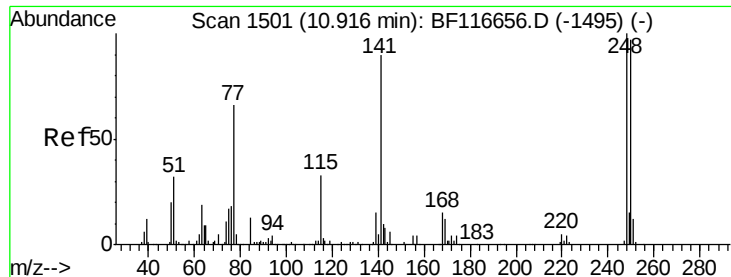
Tot Ion	198	Resp	69959
Ion Ratio	100	Lower	Upper
51	55.5	18.4	58.4
105	62.8	22.9	62.9



#66
 n-Nitrosodiphenylamine
 Concen: 49.615 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF116657.D
 Acq: 30 Aug 2019 17:50

Tgt Ion	169	Resp	659280
Ion Ratio	100	Lower	Upper
168	68.3	55.8	83.6
167	36.7	29.4	44.2

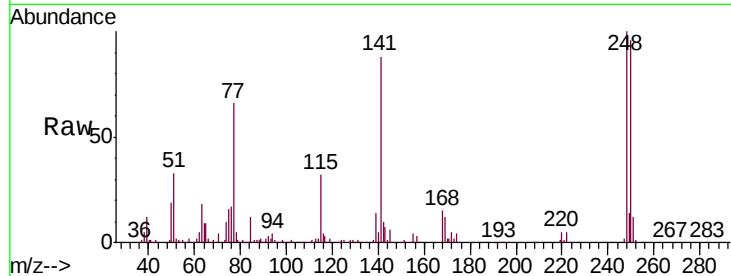




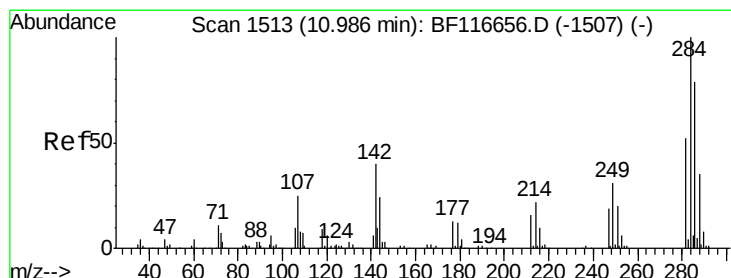
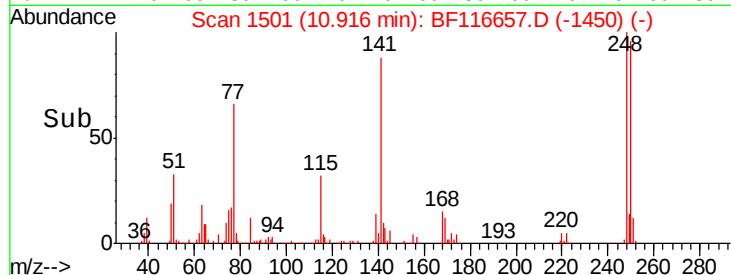
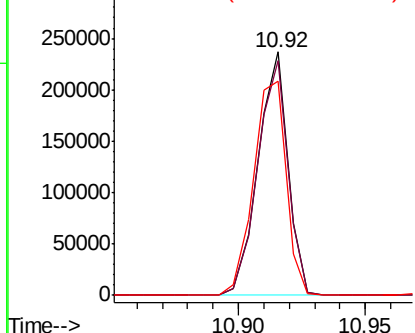
#67
4-Bromophenyl-phenylether
Concen: 42.855 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 194927
Ion Ratio Lower Upper
248 100
250 96.3 77.8 116.8
141 87.9 75.9 113.9

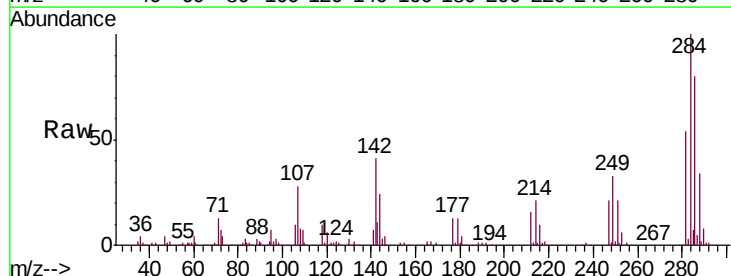


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

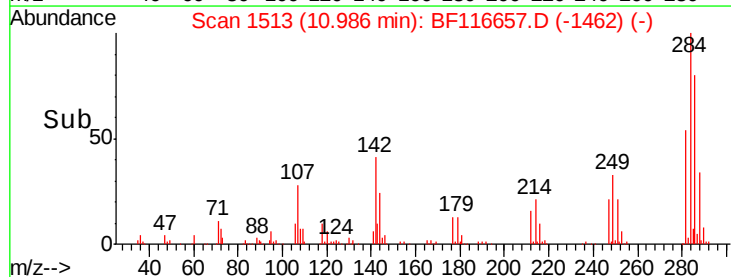
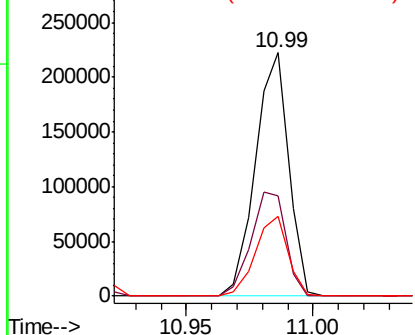


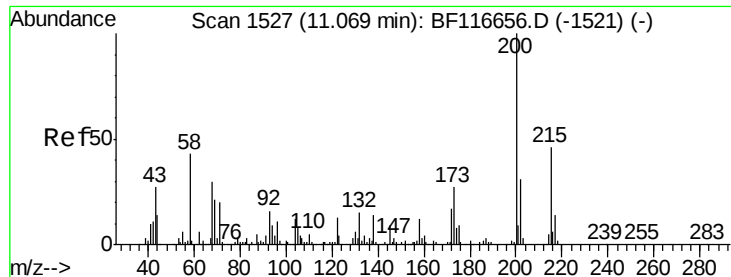
#68
Hexachlorobenzene
Concen: 40.596 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Tgt Ion:284 Resp: 203366
Ion Ratio Lower Upper
284 100
142 40.9 34.0 51.0
249 32.7 26.4 39.6



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





#69

Atrazine

Concen: 46.969 ng

RT: 11.07 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

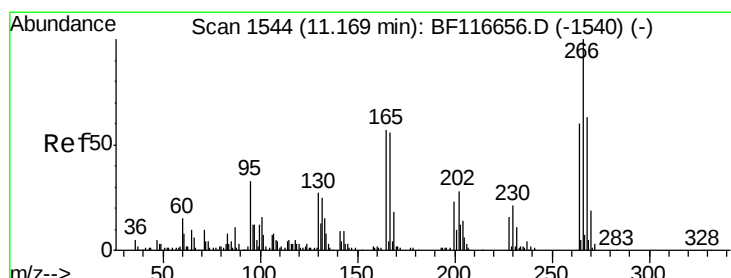
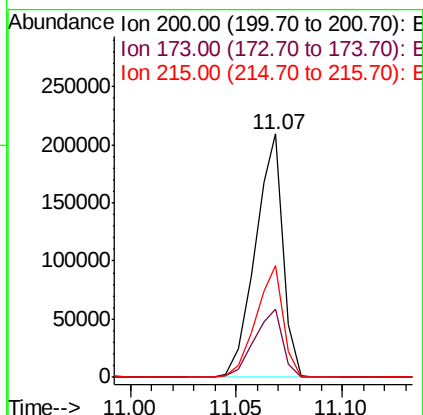
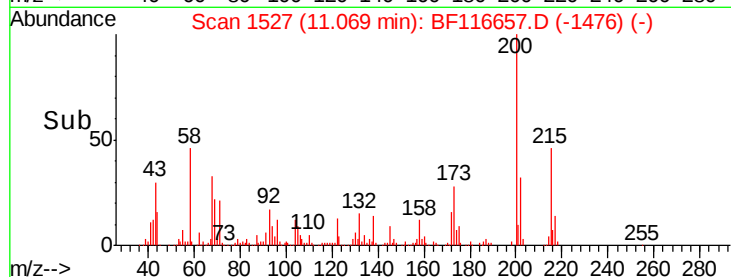
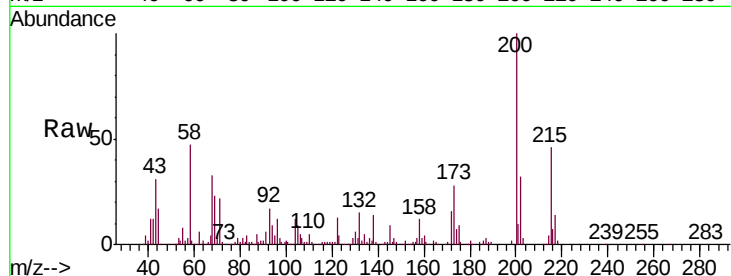
Tot Ion:200 Resp: 189886

Ion Ratio Lower Upper

200 100

173 28.2 6.2 46.2

215 45.7 24.3 64.3



#70

Pentachlorophenol

Concen: 34.607 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

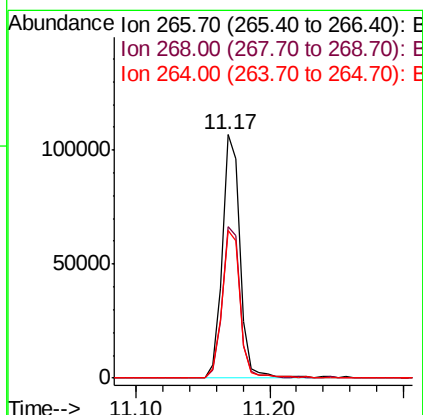
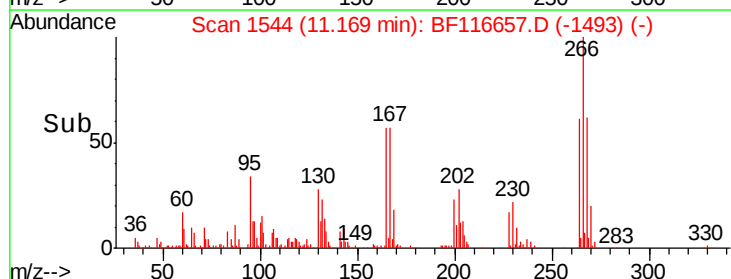
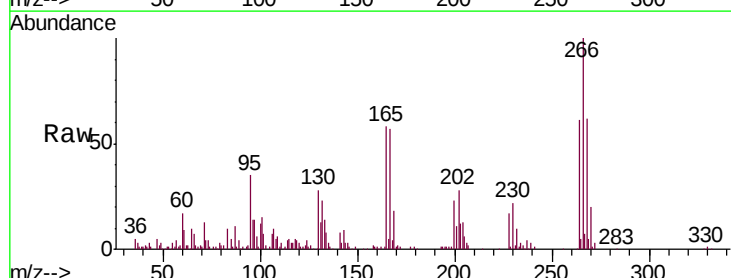
Tgt Ion:266 Resp: 101459

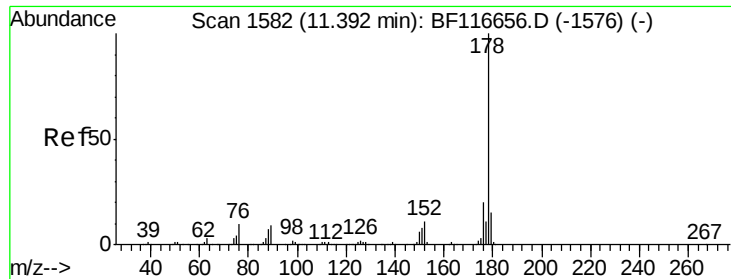
Ion Ratio Lower Upper

266 100

268 62.1 51.2 76.8

264 60.6 51.9 77.9





#71

Phenanthrene

Concen: 47.119 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

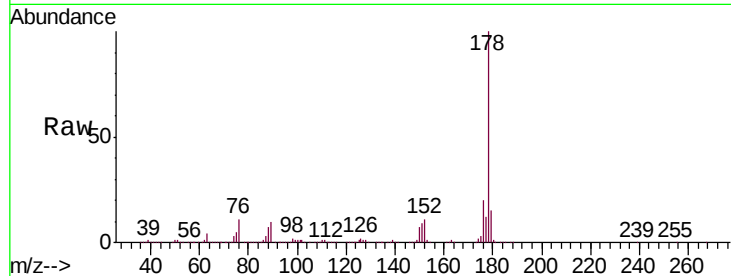
Tot Ion:178 Resp: 1058290

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

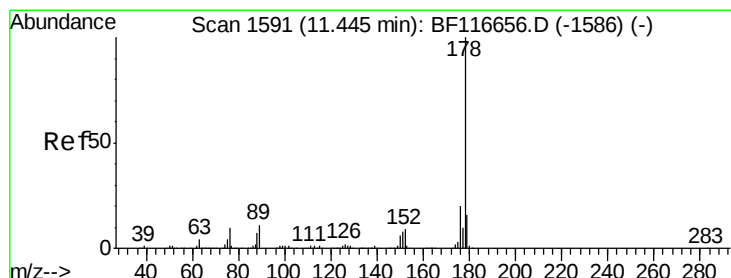
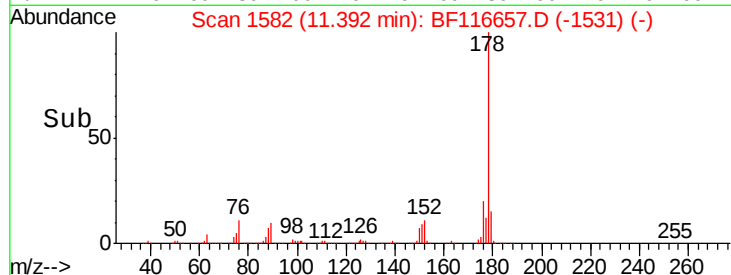
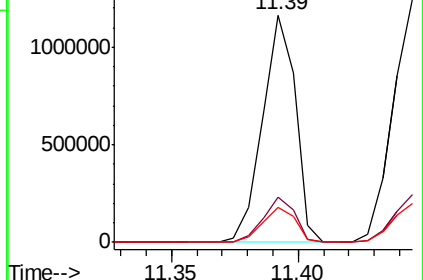
179 15.2 12.2 18.2



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: 46.717 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

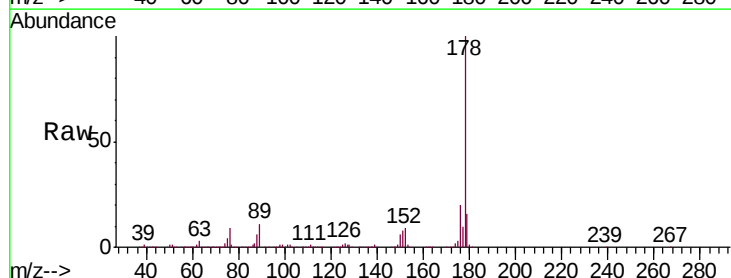
Tgt Ion:178 Resp: 1071472

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

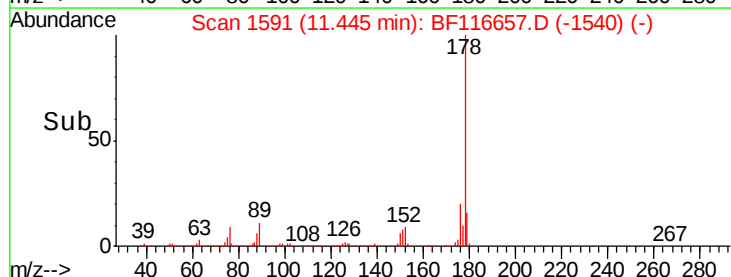
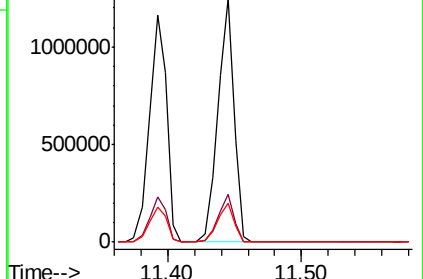
179 15.8 12.5 18.7

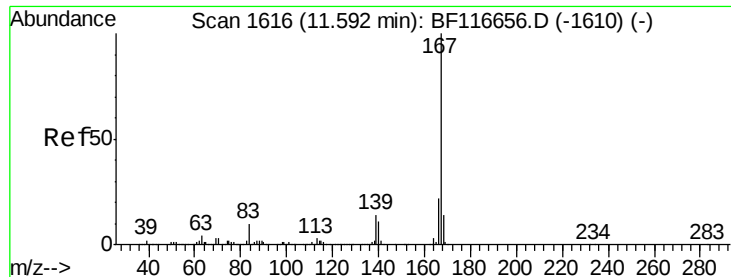


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



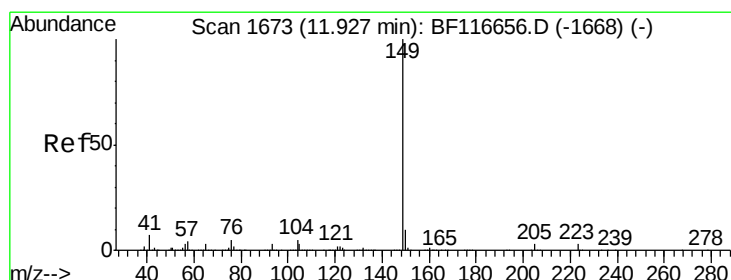
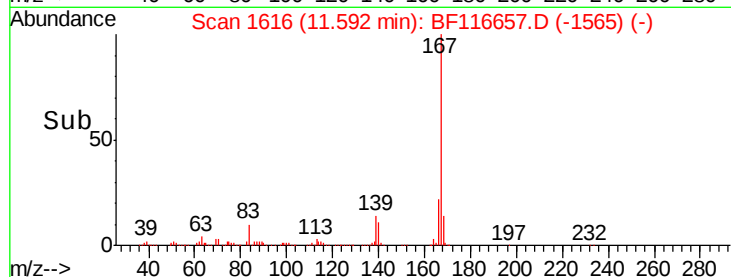
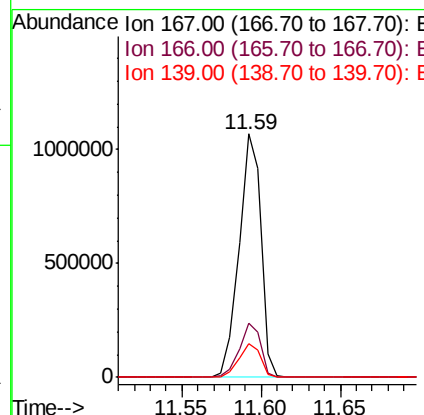
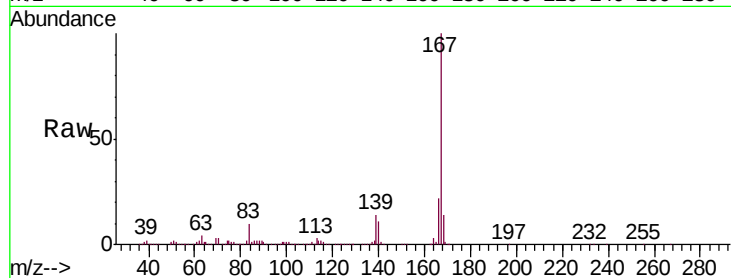


#73
 Carbazole
 Concen: 50.354 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF116657.D
 Acq: 30 Aug 2019 17:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1022599

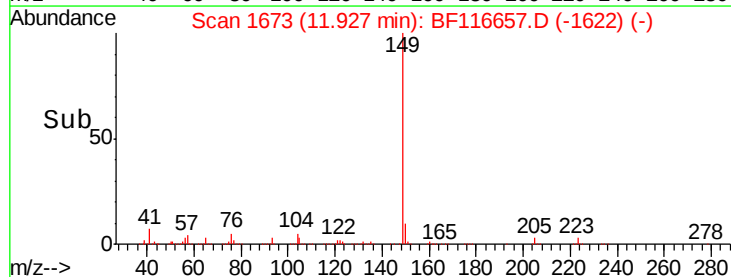
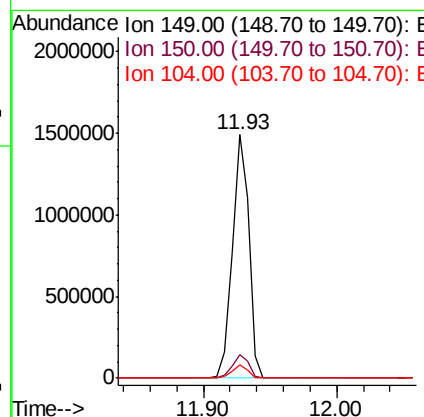
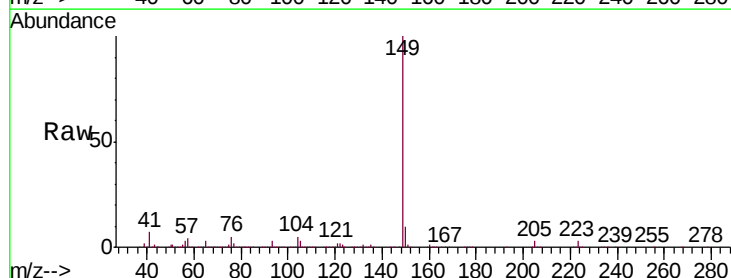
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	14.1	11.1	16.7

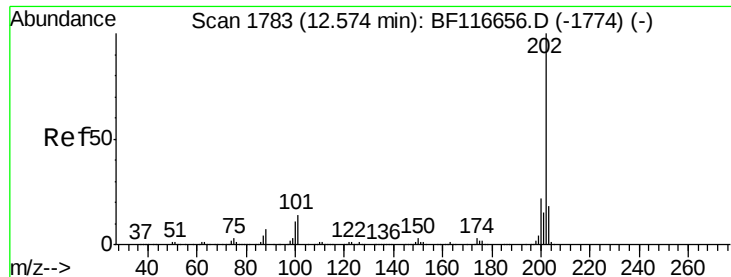


#74
 Di-n-butylphthalate
 Concen: 48.730 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BF116657.D
 Acq: 30 Aug 2019 17:50

Tgt Ion:149 Resp: 1300598

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.2	10.8
104	5.4	4.2	6.2





#75

Fluoranthene

Concen: 45.497 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

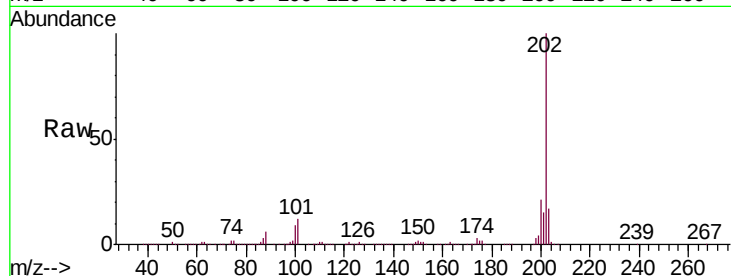
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1042417

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.3
203	17.2	0.0	37.6

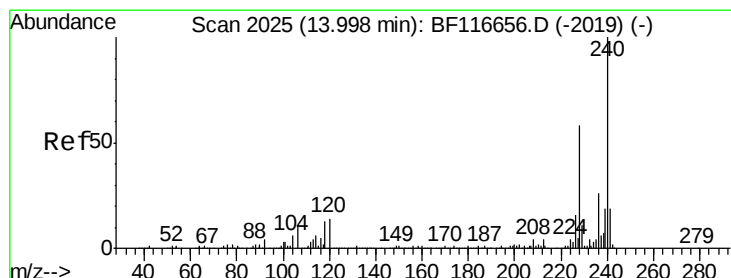
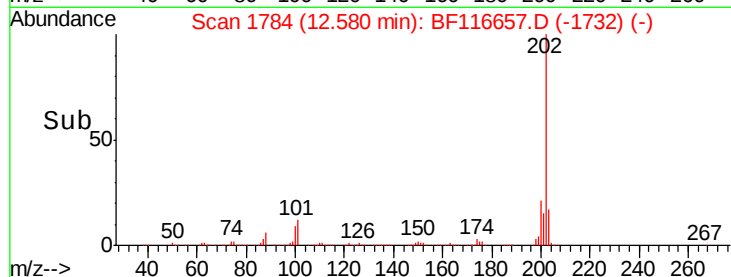
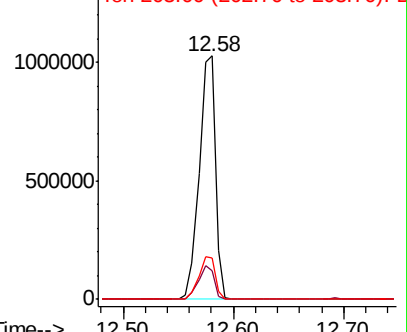


Abundance

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: 14.00 min Scan# 2025

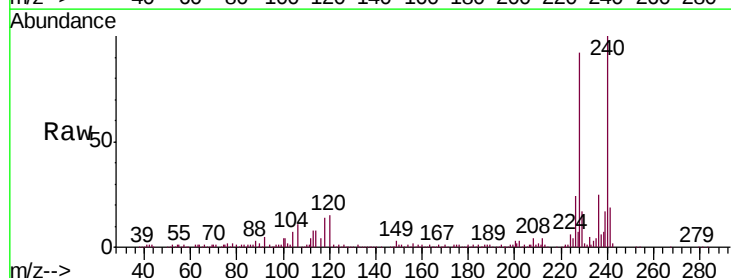
Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Tgt Ion:240 Resp: 248314

Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.1	13.7#
236	25.1	21.1	31.7

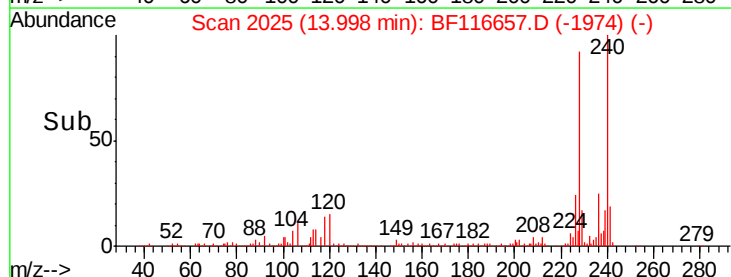
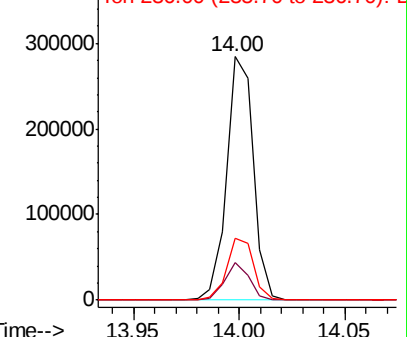


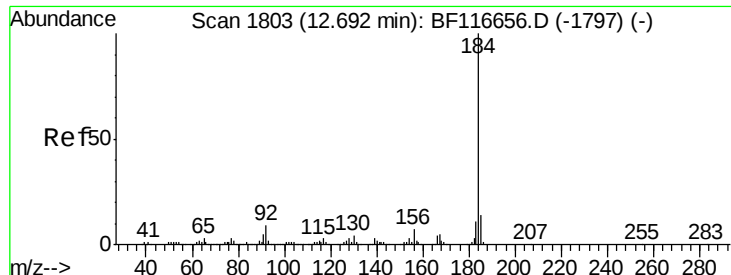
Abundance

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: 58.657 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

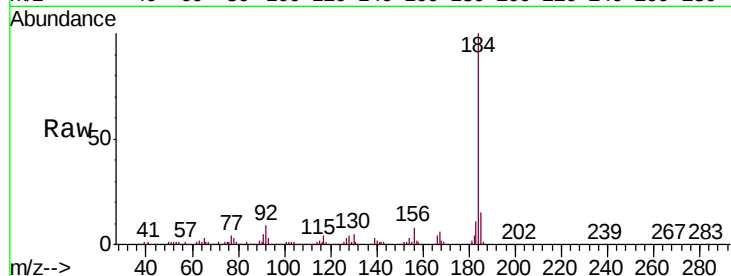
Tot Ion:184 Resp: 495609

Ion Ratio Lower Upper

184 100

185 15.1 11.3 16.9

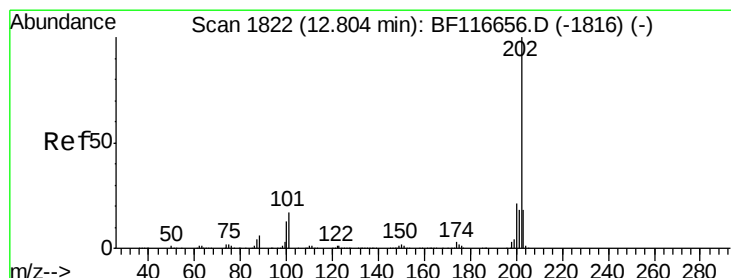
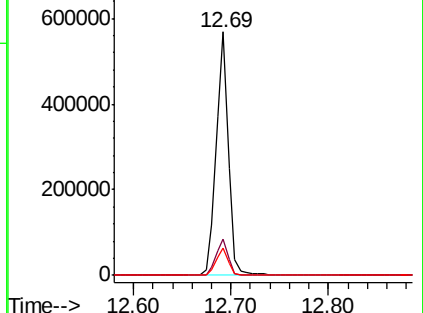
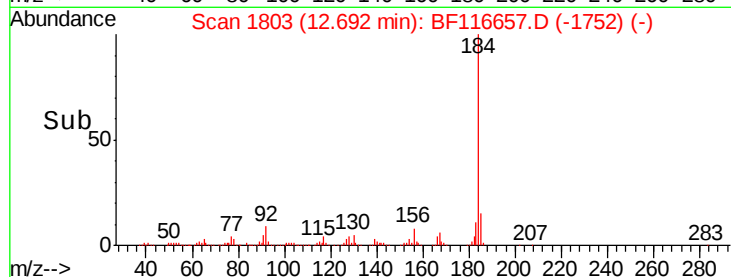
183 11.5 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.226 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

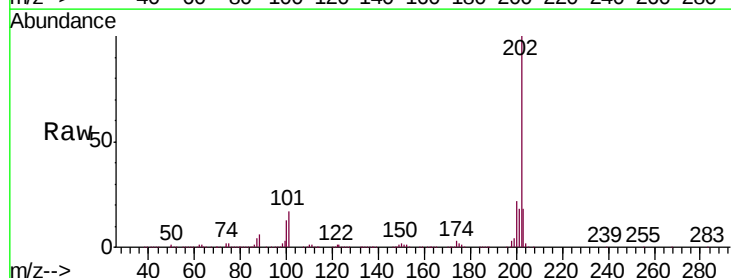
Tgt Ion:202 Resp: 1045271

Ion Ratio Lower Upper

202 100

200 21.6 16.5 24.7

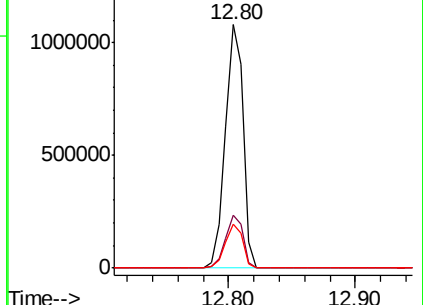
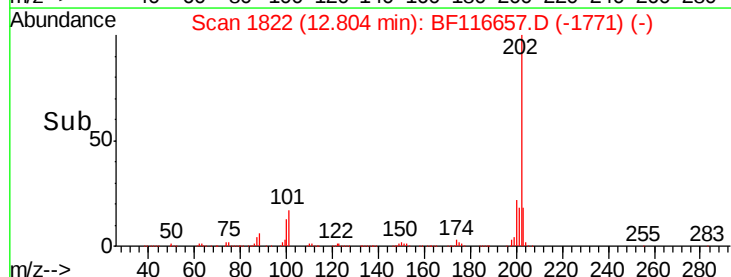
203 17.9 13.7 20.5

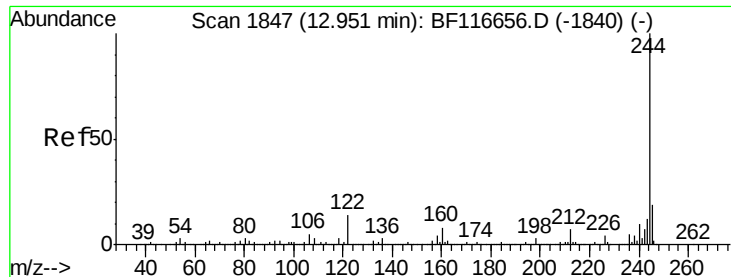


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.881 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

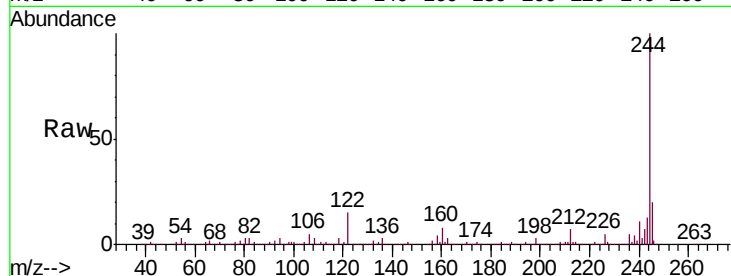
Tot Ion:244 Resp: 1255189

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

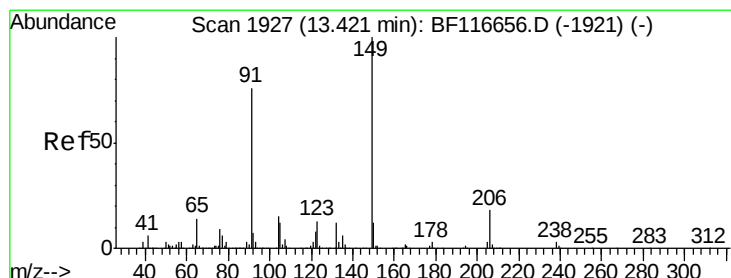
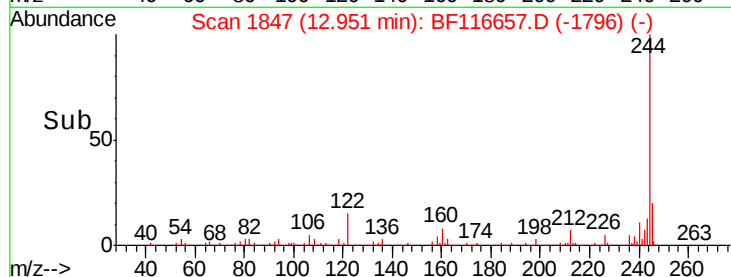
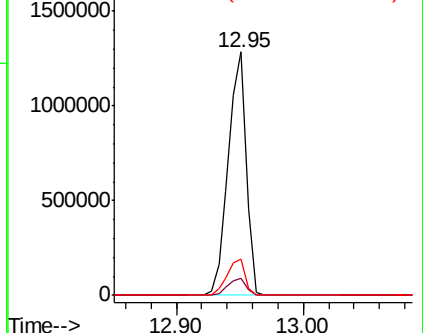
122 14.6 10.2 15.4



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: 52.509 ng

RT: 13.42 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

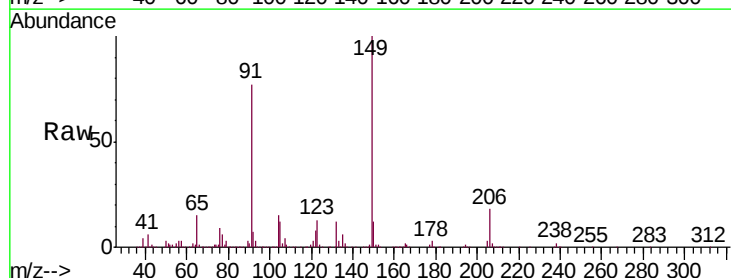
Tgt Ion:149 Resp: 512990

Ion Ratio Lower Upper

149 100

91 77.2 61.0 91.4

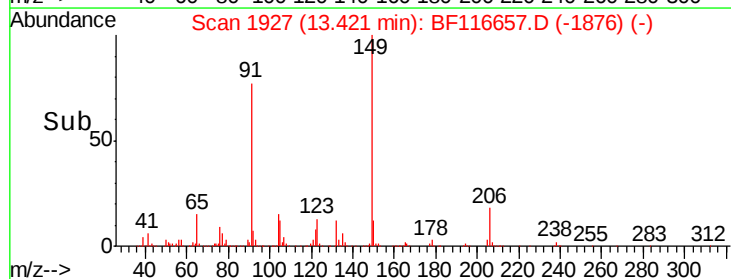
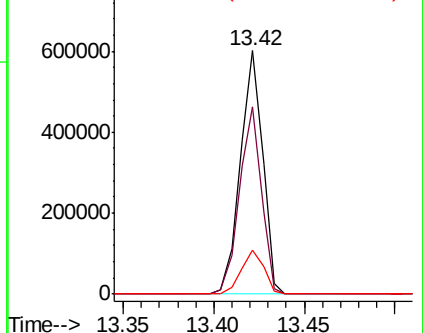
206 18.1 14.8 22.2

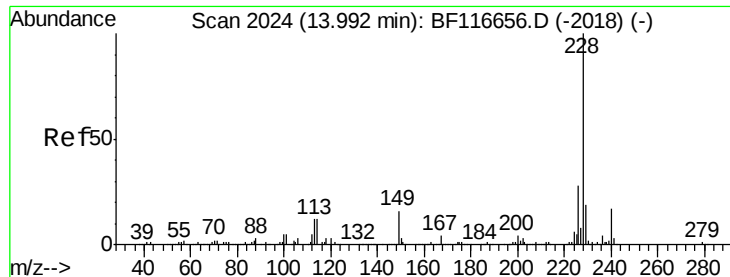


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.586 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

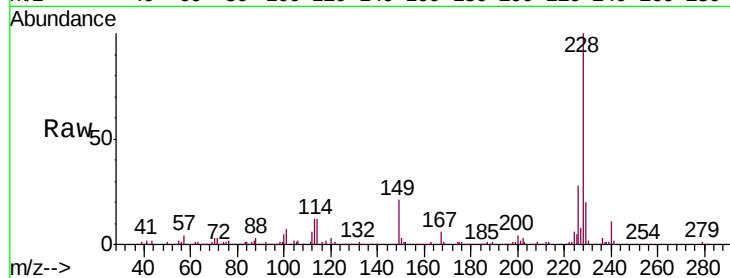
Tot Ion:228 Resp: 749960

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	20.1	16.4	24.6

228 100

226 27.7 22.0 33.0

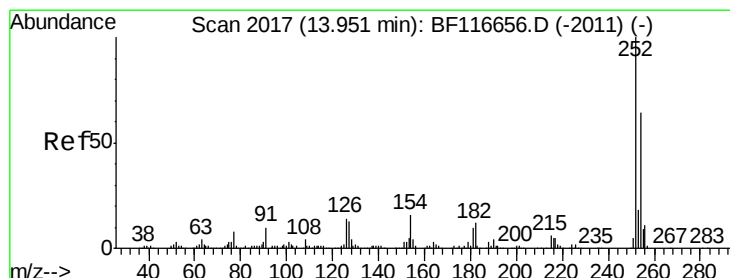
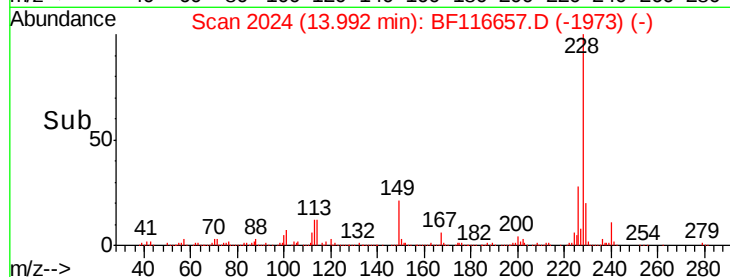
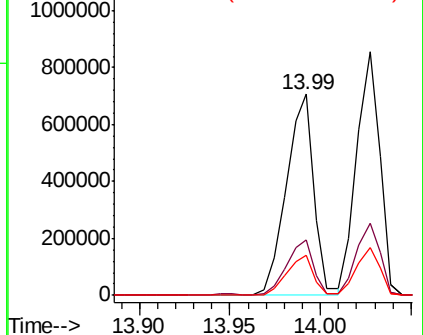
229 20.1 16.4 24.6



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: 46.173 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

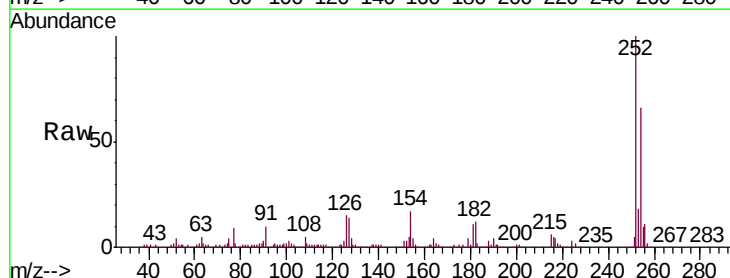
Tgt Ion:252 Resp: 255560

Ion	Ratio	Lower	Upper
252	100		
254	66.4	50.1	75.1
126	14.5	10.6	16.0

252 100

254 66.4 50.1 75.1

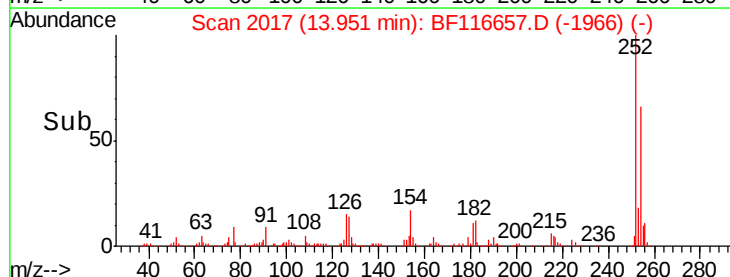
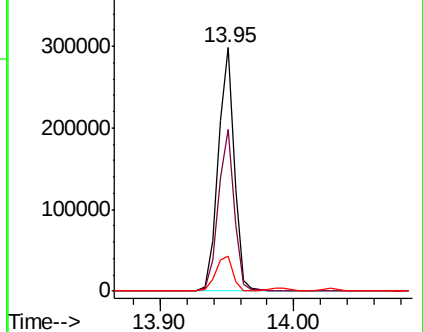
126 14.5 10.6 16.0

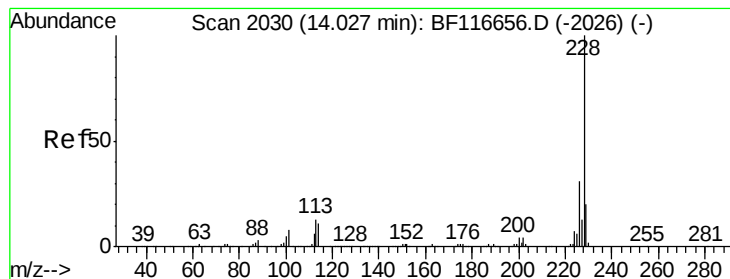


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.795 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

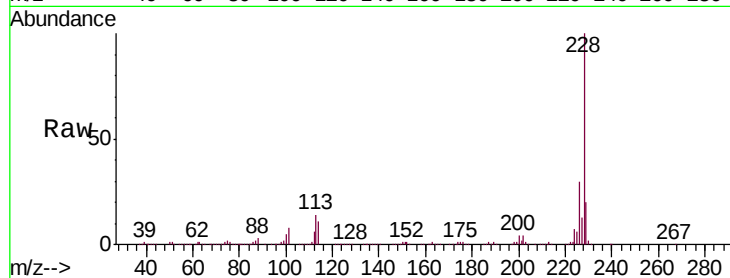
Tot Ion:228 Resp: 767028

Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

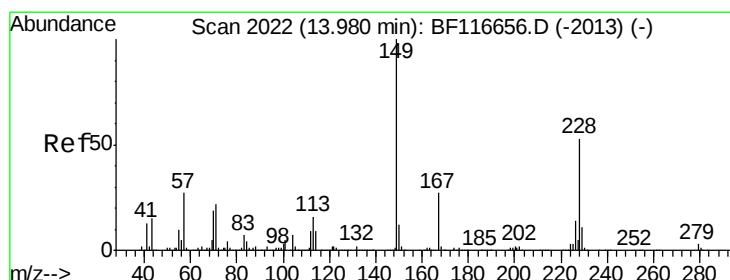
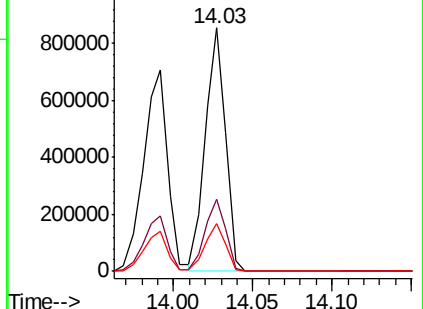
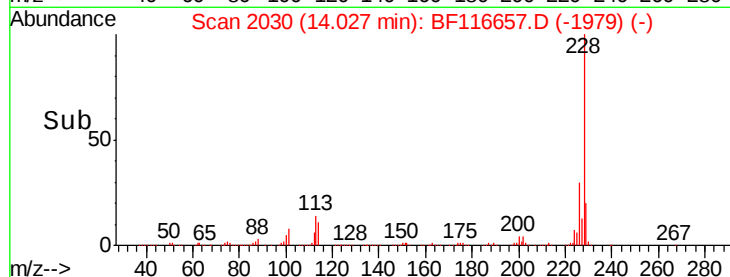
229 19.6 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.716 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

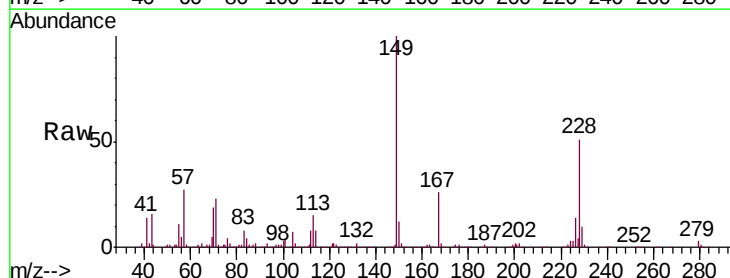
Tgt Ion:149 Resp: 621839

Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

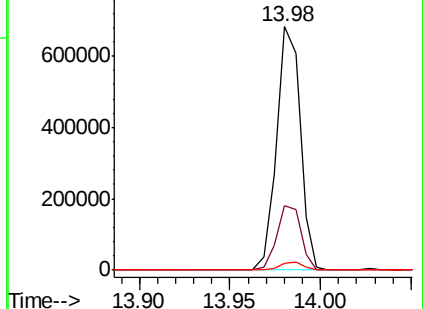
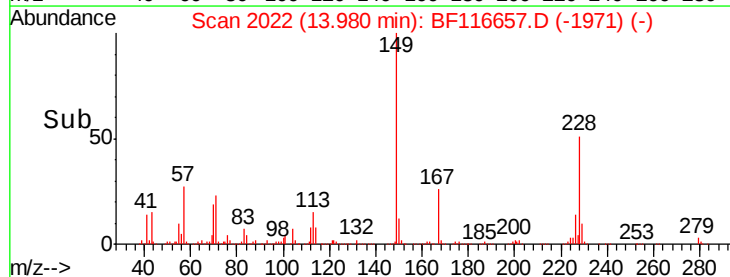
279 2.9 2.8 4.2

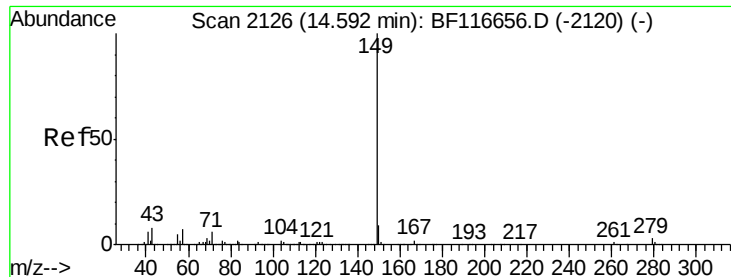


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 54.935 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

Instrument :

BNA_F

ClientSampleId :

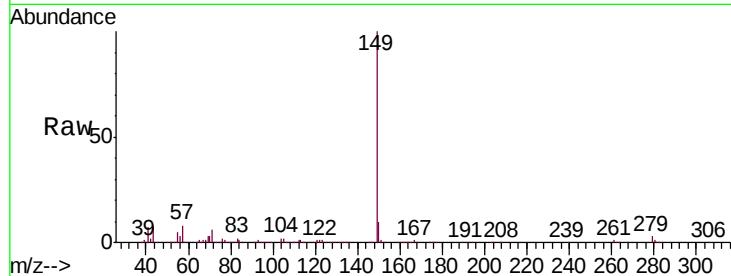
Tot Ion:149 Resp: 1036873

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

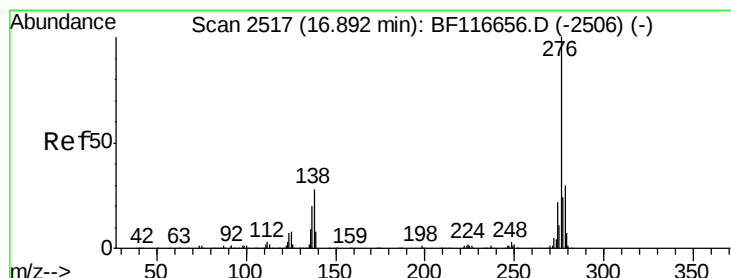
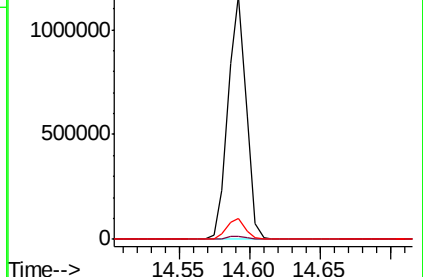
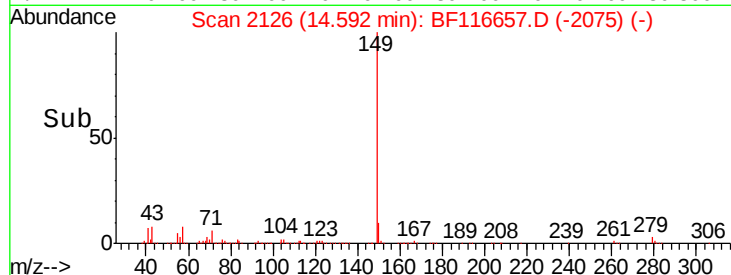
43 8.6 7.8 11.8



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: 41.698 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.01 min

Lab File: BF116657.D

Acq: 30 Aug 2019 17:50

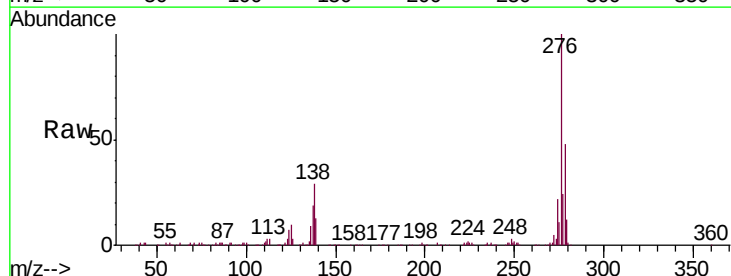
Tgt Ion:276 Resp: 592248

Ion Ratio Lower Upper

276 100

138 30.8 19.4 29.2#

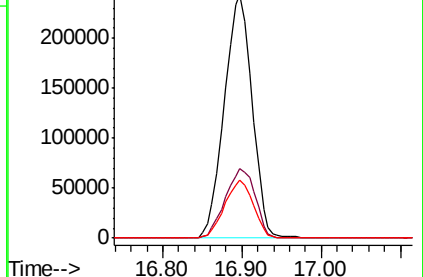
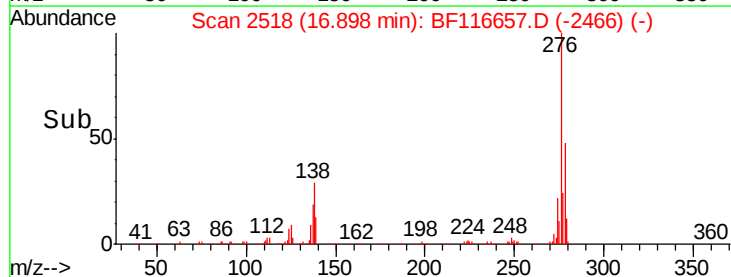
277 24.5 20.5 30.7

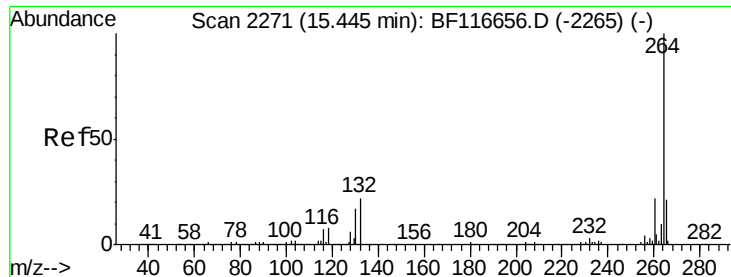


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

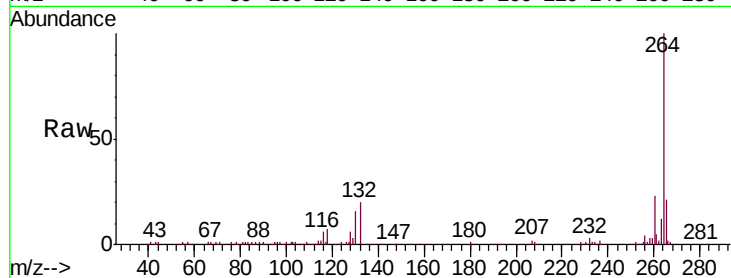




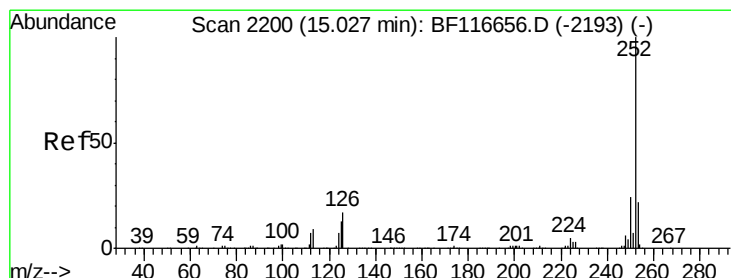
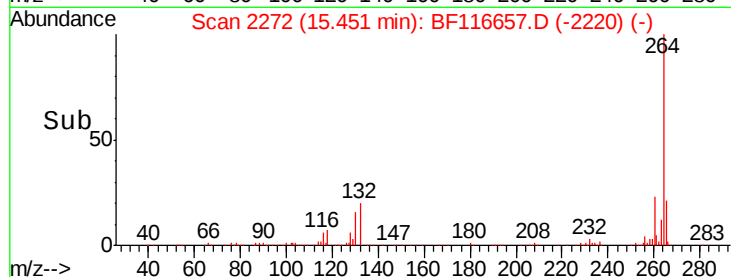
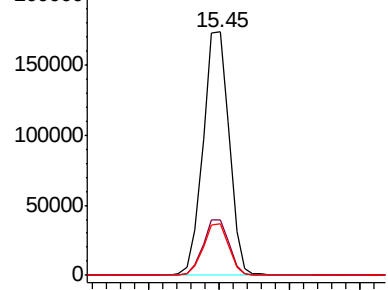
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	21.3	16.5	24.7

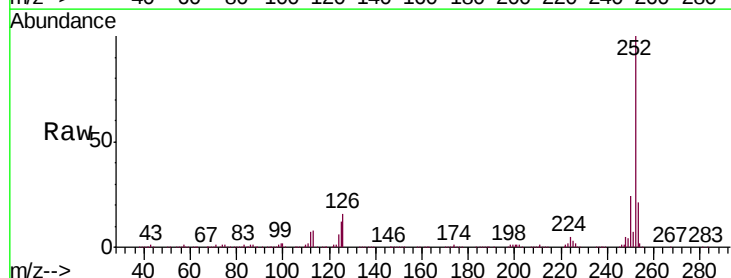


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

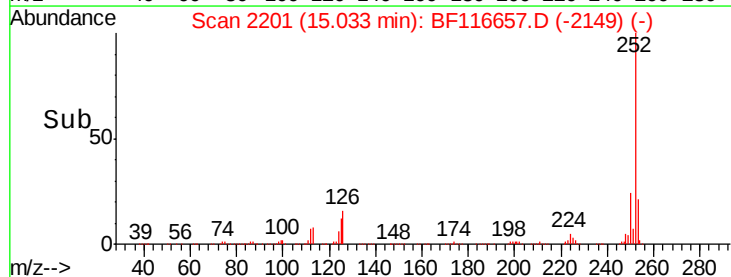
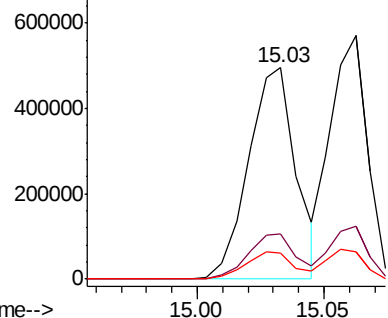


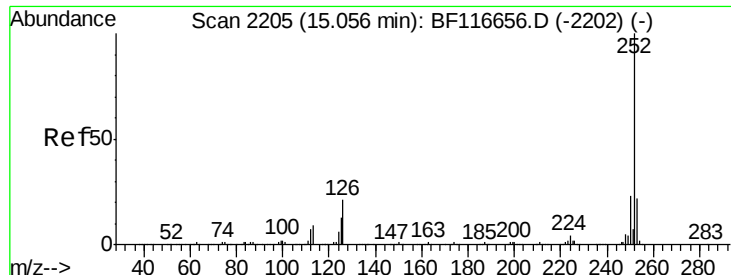
#88
Benzo(b)fluoranthene
Concen: 45.759 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.7	26.5
125	12.2	8.2	12.2



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

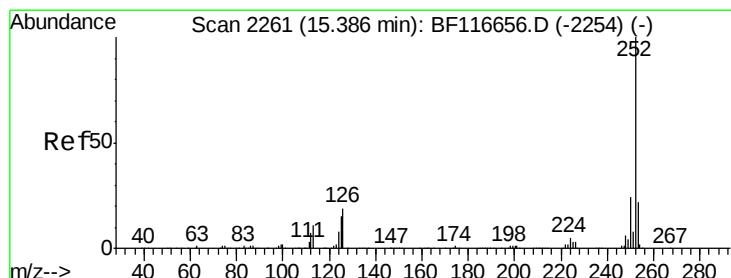
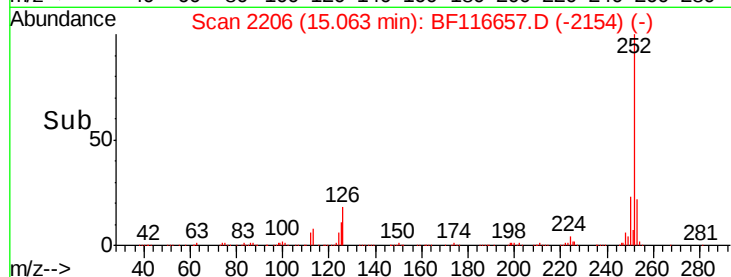
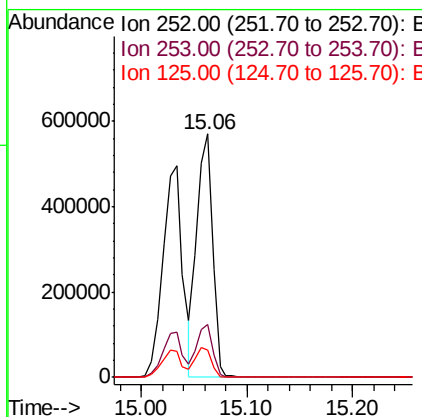
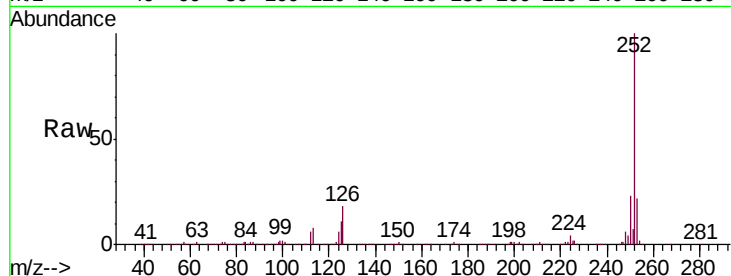




#89
Benzo(k)fluoranthene
Concen: 43.136 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

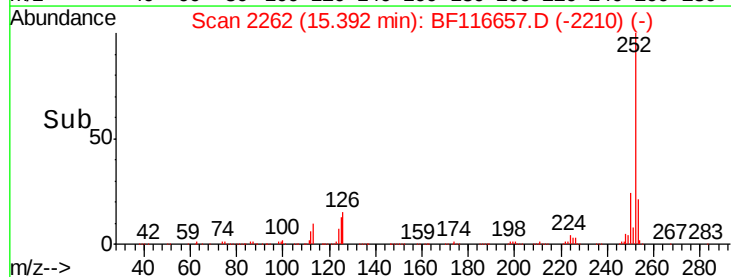
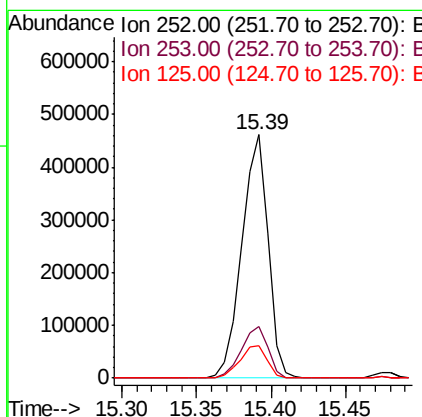
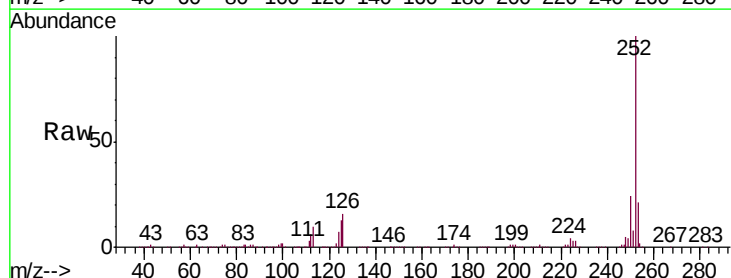
Instrument :
BNA_F
ClientSampleId :

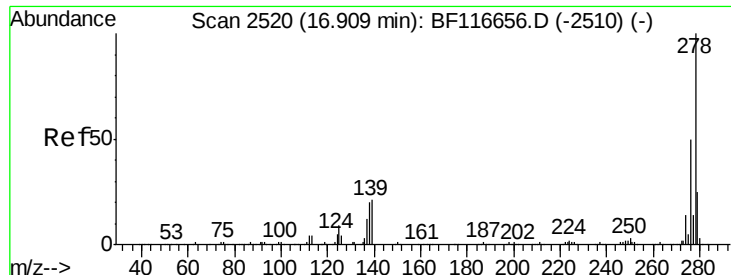
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.4	8.6	13.0



#90
Benzo(a)pyrene
Concen: 45.549 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.1	27.1
125	13.2	9.8	14.8

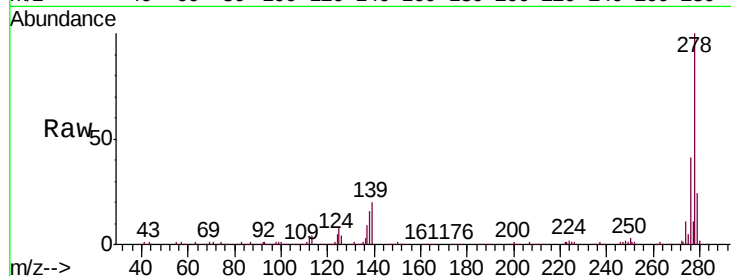




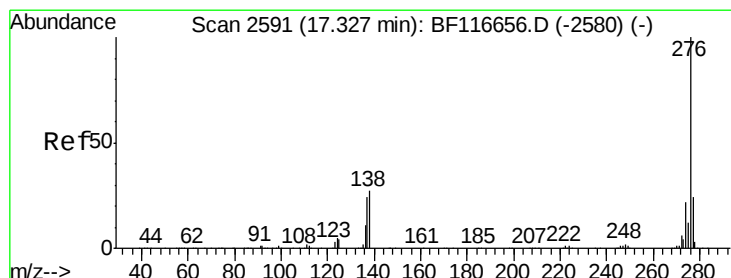
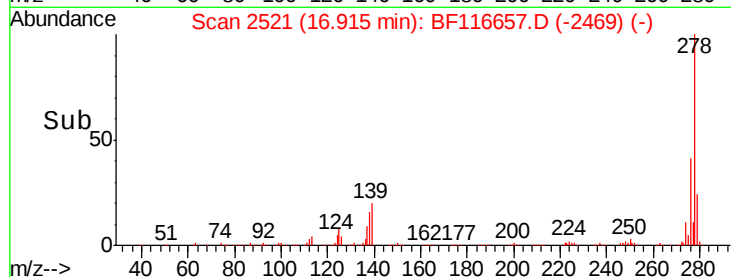
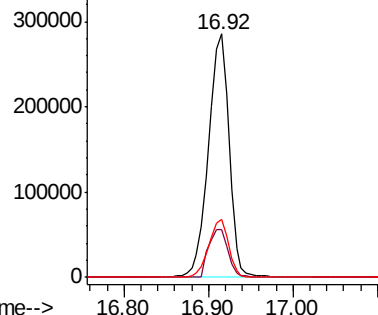
#91
Dibenzo(a,h)anthracene
Concen: 36.990 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.6	12.4	18.6#
279	23.7	18.2	27.4

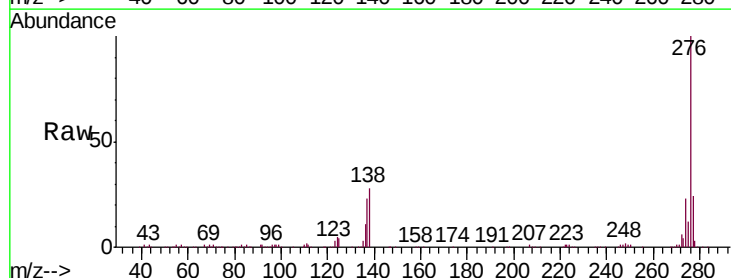


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.968 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BF116657.D
Acq: 30 Aug 2019 17:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.5	27.7
138	27.9	16.2	24.2#



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

