

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116659.D
 Acq On : 30 Aug 2019 18:45
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 19:10:50 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	125251	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	517902	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	258292	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	412310	20.00	ng	0.00
76) Chrysene-d12	14.00	240	246551	20.00	ng	0.00
87) Perylene-d12	15.45	264	218099	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1149819	115.50	ng	0.00
7) Phenol-d6	6.49	99	1503621	130.62	ng	0.01
23) Nitrobenzene-d5	7.42	82	1437816	146.10	ng	0.01
42) 2,4,6-Tribromophenol	10.68	330	263632	88.51	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2146397	104.32	ng	0.00
79) Terphenyl-d14	12.96	244	1897975	124.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	276393	56.024	ng	98
3) Pyridine	3.35	79	805753	58.391	ng	96
4) n-Nitrosodimethylamine	3.32	42	280229	53.204	ng	84
6) Aniline	6.52	93	1044800	67.161	ng	99
8) 2-Chlorophenol	6.65	128	617276	63.537	ng	97
9) Benzaldehyde	6.40	77	398416	59.585	ng	99
10) Phenol	6.50	94	821824	64.350	ng	87
11) bis(2-Chloroethyl)ether	6.59	93	659924	68.533	ng	99
12) 1,3-Dichlorobenzene	6.80	146	702746	69.874	ng	98
13) 1,4-Dichlorobenzene	6.87	146	698633	72.093	ng	99
14) 1,2-Dichlorobenzene	7.03	146	630961	73.643	ng	95
15) Benzyl Alcohol	7.00	79	615147	79.661	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	761760	81.342	ng	98
17) 2-Methylphenol	7.10	107	557828	82.182	ng	97
18) Hexachloroethane	7.37	117	276985	80.620	ng	# 89
19) n-Nitroso-di-n-propylamine	7.28	70	496826	82.715	ng	92
20) 3+4-Methylphenols	7.26	107	612520	71.710	ng	# 88
22) Acetophenone	7.27	105	905148	61.935	ng	96
24) Nitrobenzene	7.44	77	718828	72.974	ng	97
25) Isophorone	7.68	82	1398733	78.545	ng	100
26) 2-Nitrophenol	7.75	139	288183	65.822	ng	96
27) 2,4-Dimethylphenol	7.79	122	516384	74.432	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	839277	76.253	ng	100
29) 2,4-Dichlorophenol	7.99	162	509295	69.498	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	530588	62.907	ng	97
31) Naphthalene	8.16	128	1788239	68.099	ng	98
32) Benzoic acid	7.95	122	355375	63.525	ng	99
33) 4-Chloroaniline	8.20	127	817217	73.389	ng	99
34) Hexachlorobutadiene	8.28	225	290187	60.063	ng	99
35) Caprolactam	8.60	113	152137	65.528	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	580849	71.708	ng	99
37) 2-Methylnaphthalene	8.85	142	1175217	67.749	ng	98
38) 1-Methylnaphthalene	8.95	142	1116993	68.422	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	440214	50.240	ng	97

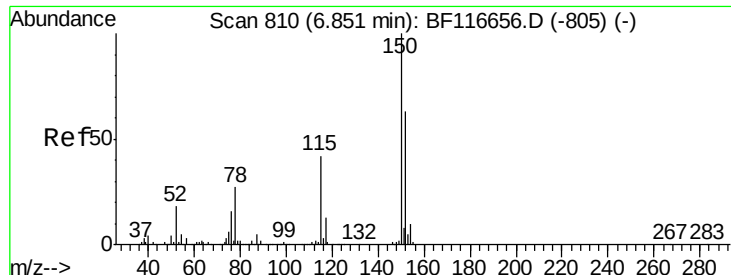
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 18:11:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	274132	53.377	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	324932	54.998	nq	96
44) 2,4,5-Trichlorophenol	9.16	196	334613	55.750	nq	# 91
46) 1,1'-Biphenyl	9.32	154	1384898	55.373	nq	98
47) 2-Chloronaphthalene	9.34	162	1122475	58.101	nq	98
48) 2-Nitroaniline	9.43	65	384070	64.860	nq	93
49) Acenaphthylene	9.76	152	1690279	64.355	nq	99
50) Dimethylphthalate	9.62	163	1295063	58.870	nq	98
51) 2,6-Dinitrotoluene	9.67	165	275753	60.940	nq	98
52) Acenaphthene	9.93	154	1050024	65.777	nq	99
53) 3-Nitroaniline	9.85	138	343122	69.591	nq	# 88
54) 2,4-Dinitrophenol	9.95	184	97151	51.495	nq	90
55) Dibenzofuran	10.10	168	1447970	59.886	nq	96
56) 4-Nitrophenol	10.00	139	246099	72.627	nq	91
57) 2,4-Dinitrotoluene	10.08	165	359931	64.356	nq	96
58) Fluorene	10.44	166	1087768	55.779	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	245264	52.899	nq	94
60) Diethylphthalate	10.32	149	1292414	62.094	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	471772	49.001	nq	89
62) 4-Nitroaniline	10.46	138	348629	65.049	nq	95
63) Azobenzene	10.59	77	1373156	66.367	nq	94
65) 4,6-Dinitro-2-methylphenol	10.49	198	130226	58.514	nq	76
66) n-Nitrosodiphenylamine	10.55	169	1019660	74.398	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	295986	63.090	nq	94
68) Hexachlorobenzene	10.99	284	312285	60.439	nq	95
69) Atrazine	11.07	200	276069	66.206	nq	97
70) Pentachlorophenol	11.17	266	170830	56.494	nq	98
71) Phenanthrene	11.40	178	1615880	69.753	nq	99
72) Anthracene	11.45	178	1618861	68.433	nq	100
73) Carbazole	11.60	167	1566022	74.763	nq	99
74) Di-n-butylphthalate	11.93	149	1978334	71.865	nq	99
75) Fluoranthene	12.58	202	1598347	67.635	nq	95
77) Benzidine	12.69	184	647129	77.138	nq	96
78) Pyrene	12.81	202	1617302	67.360	nq	98
80) Butylbenzylphthalate	13.42	149	819594	84.492	nq	95
81) Benzo(a)anthracene	13.99	228	1129310	67.619	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	376346	68.482	nq	97
83) Chrysene	14.03	228	1184209	72.763	nq	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	985199	79.330	nq	99
85) Di-n-octyl phthalate	14.59	149	1633575	87.169	nq	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	947732	67.203	nq	# 92
88) Benzo(b)fluoranthene	15.07	252	843897	61.107	nq	98
89) Benzo(k)fluoranthene	15.07	252	843897	63.633	nq	98
90) Benzo(a)pyrene	15.40	252	868354	71.954	nq	97
91) Dibenzo(a,h)anthracene	16.93	278	765737	60.494	nq	# 96
92) Benzo(g,h,i)perylene	17.34	276	796370	65.679	nq	# 92

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

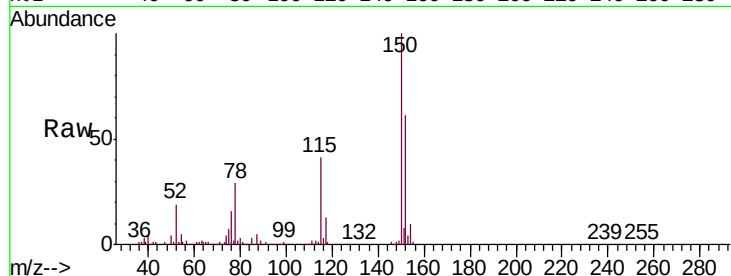


#1

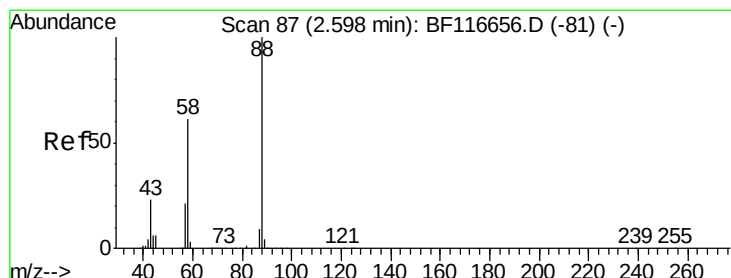
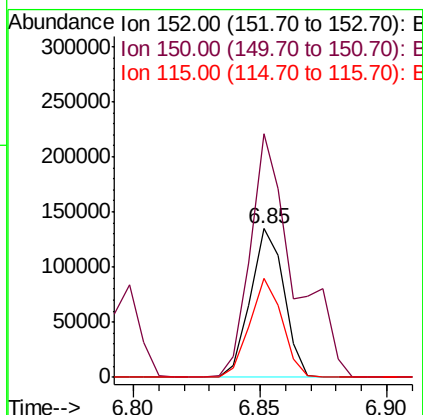
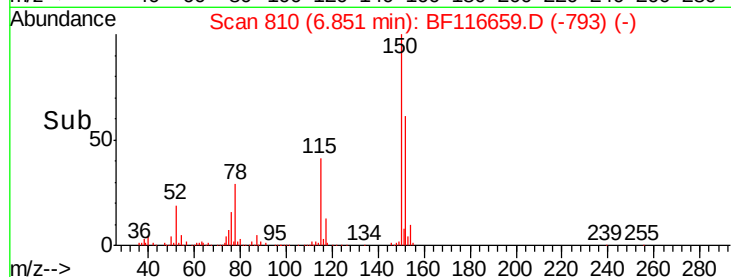
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.2	124.4	186.6
115	66.9	49.9	74.9



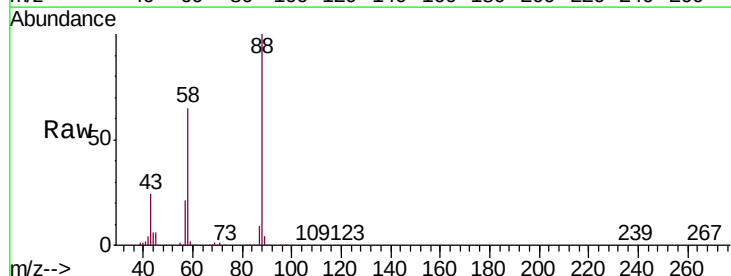
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



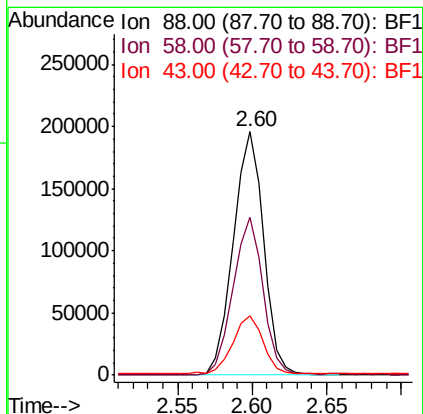
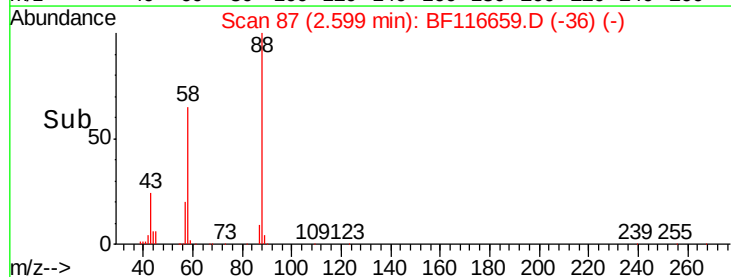
#2

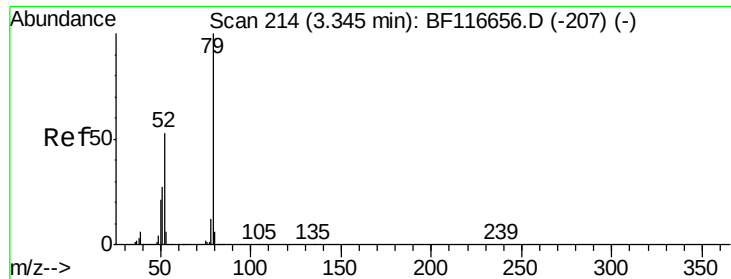
1,4-Dioxane
Concen: 56.024 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.00 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.5	51.7	77.5
43	23.7	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: 58.391 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

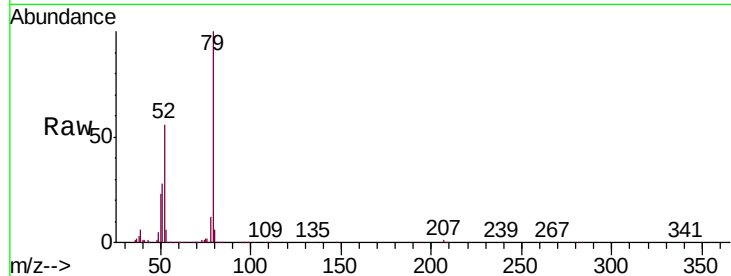
Tot Ion: 79 Resp: 805753

Ion Ratio Lower Upper

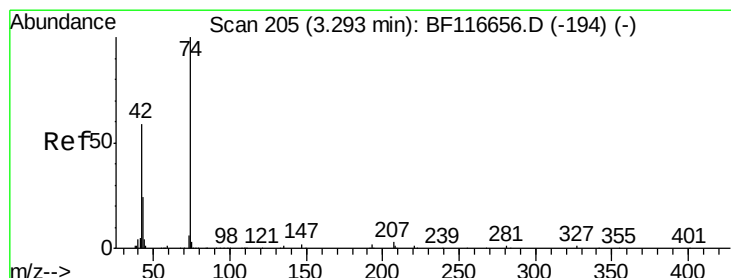
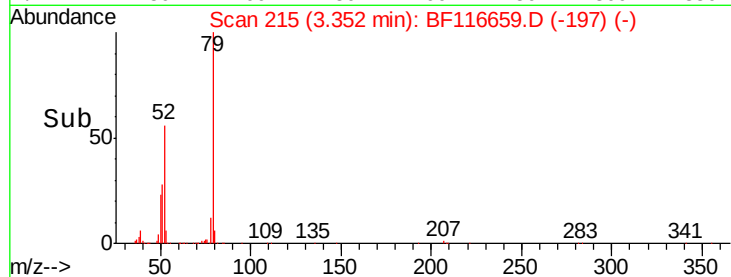
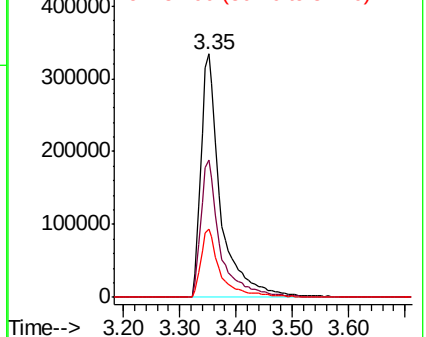
79 100

52 56.2 47.4 71.0

51 28.3 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: 53.204 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.02 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

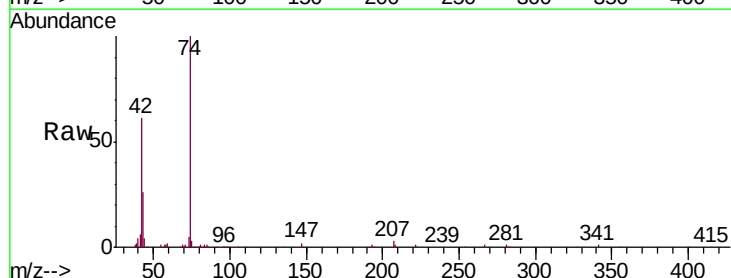
Tgt Ion: 42 Resp: 280229

Ion Ratio Lower Upper

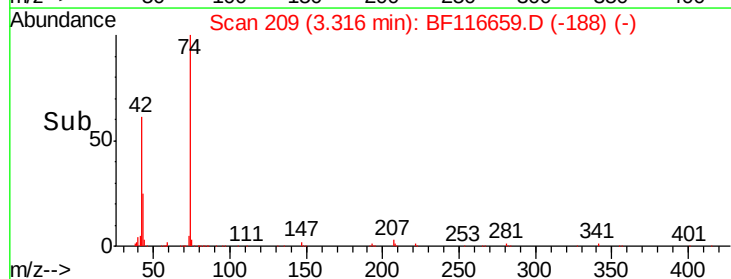
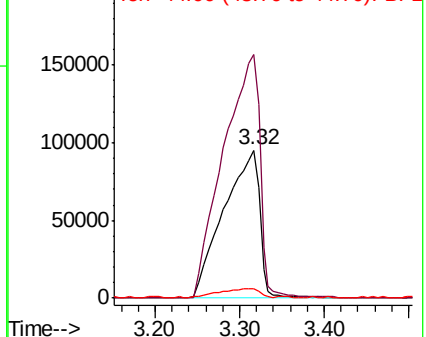
42 100

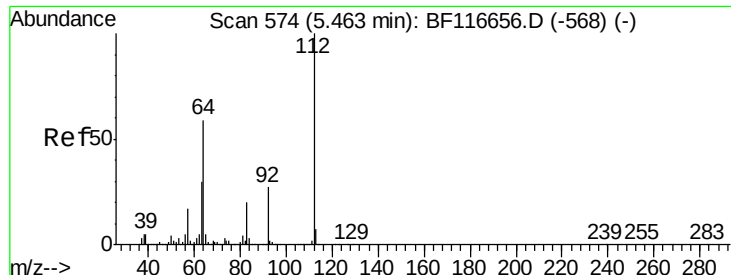
74 164.7 115.6 173.4

44 6.5 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: 115.495 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

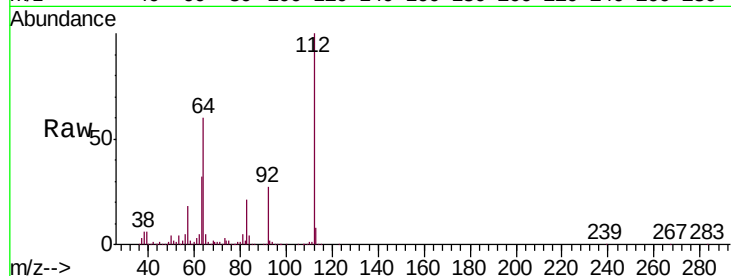
Tot Ion:112 Resp: 1149819

Ion Ratio Lower Upper

112 100

64 60.4 47.1 70.7

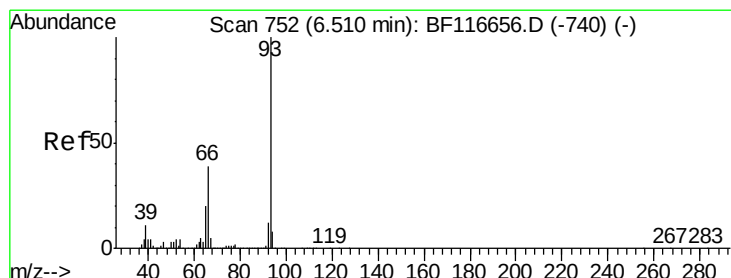
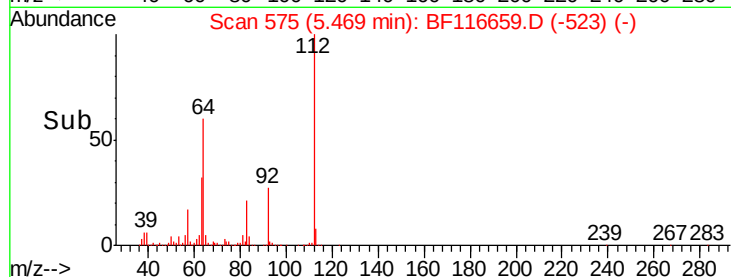
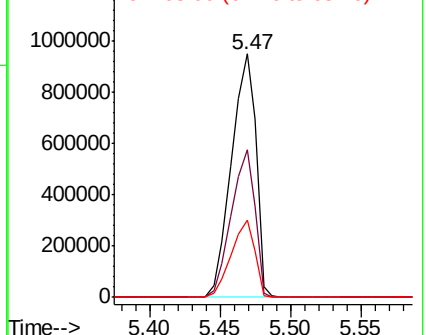
63 31.6 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 67.161 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

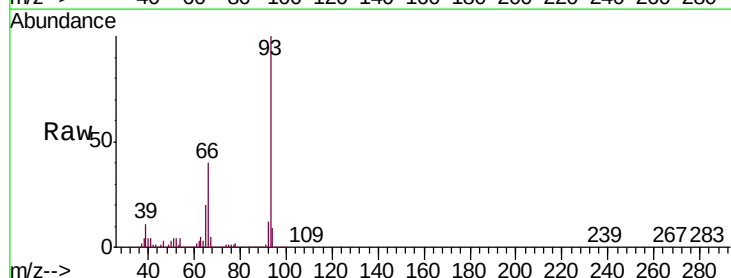
Tgt Ion: 93 Resp: 1044800

Ion Ratio Lower Upper

93 100

66 40.4 32.7 49.1

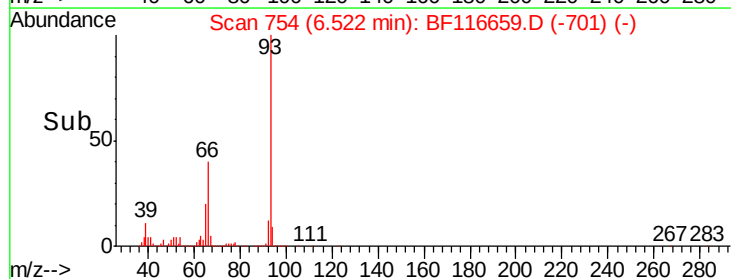
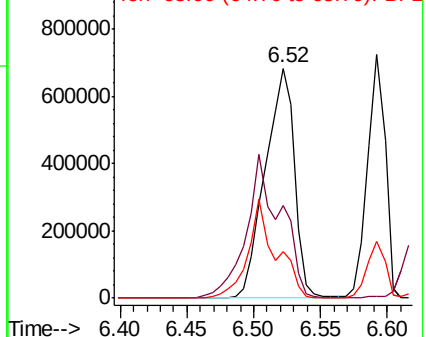
65 20.4 16.3 24.5

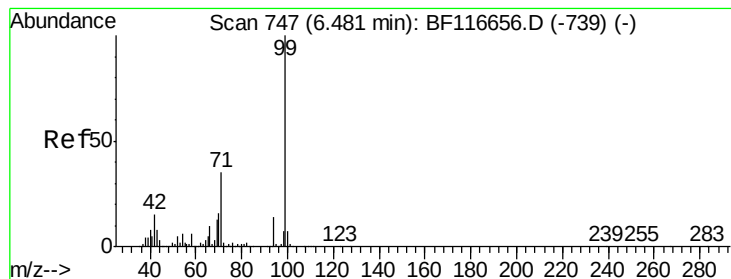


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.621 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

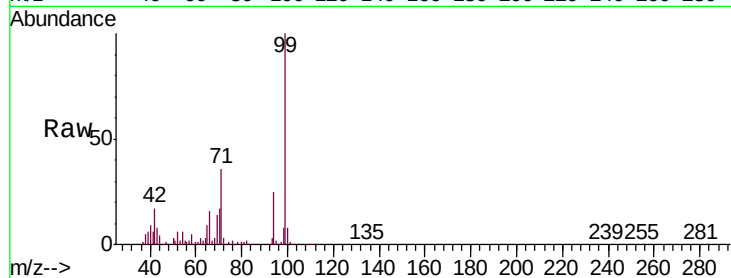
Tot Ion: 99 Resp: 1503621

Ion Ratio Lower Upper

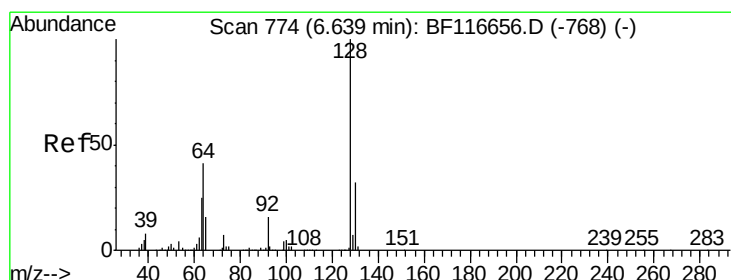
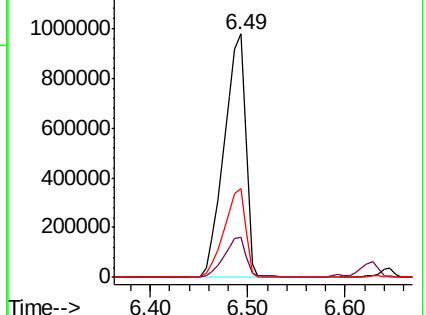
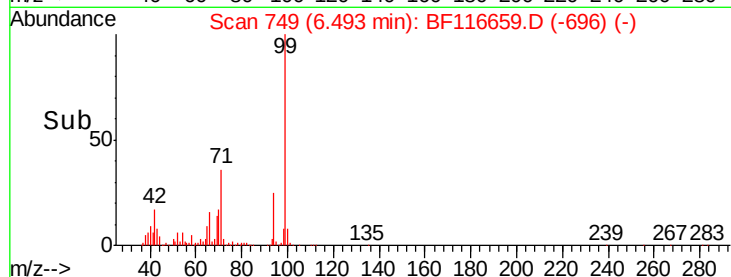
99 100

42 16.6 13.7 20.5

71 36.3 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: 63.537 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

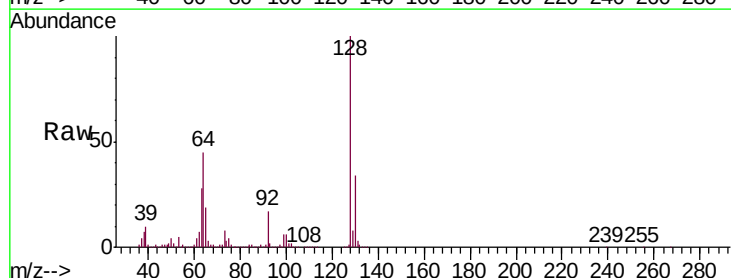
Tgt Ion: 128 Resp: 617276

Ion Ratio Lower Upper

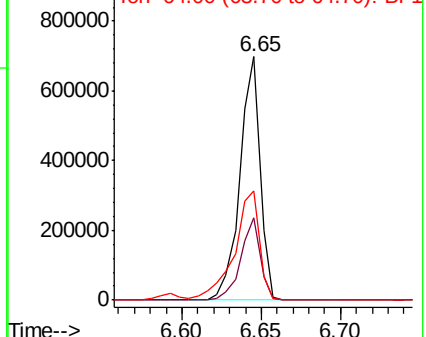
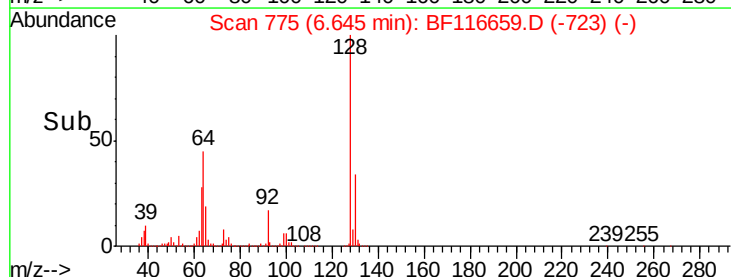
128 100

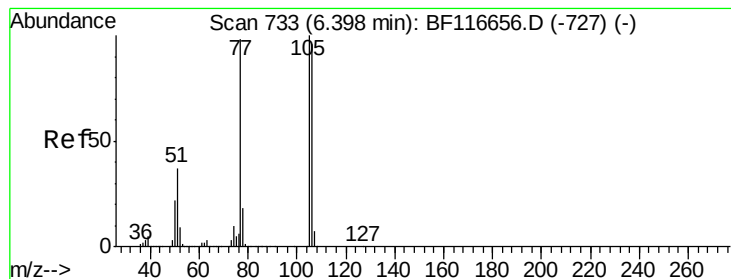
130 33.7 12.3 52.3

64 44.9 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: 59.585 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

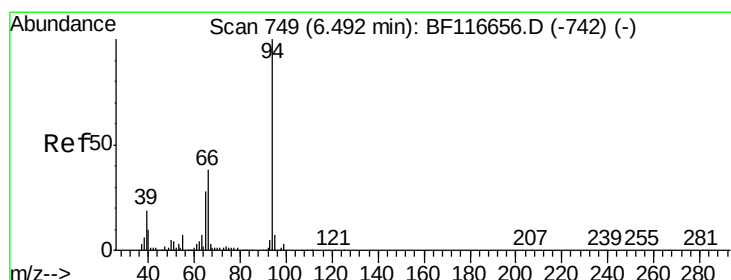
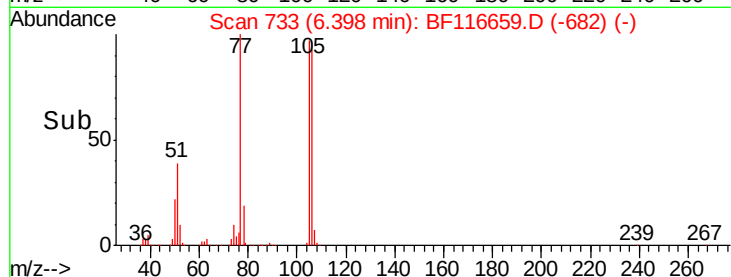
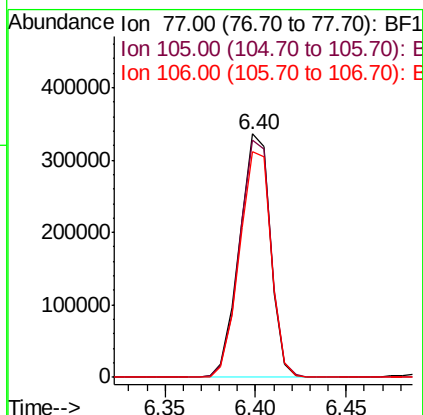
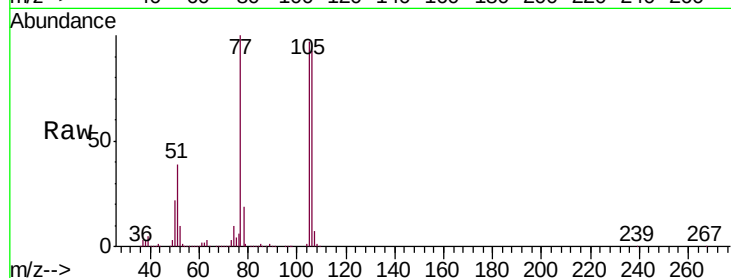
Tot Ion: 77 Resp: 398416

Ion Ratio Lower Upper

77 100

105 97.2 76.7 116.7

106 92.6 73.1 113.1



#10

Phenol

Concen: 64.350 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

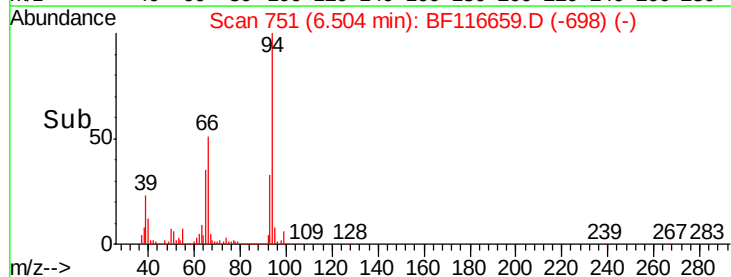
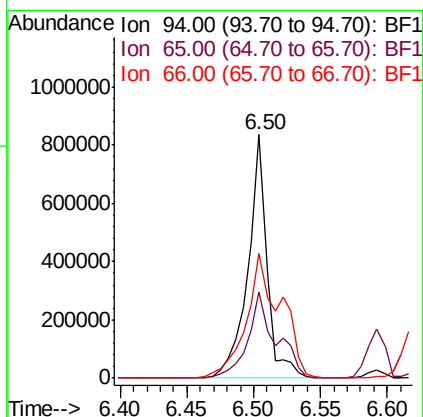
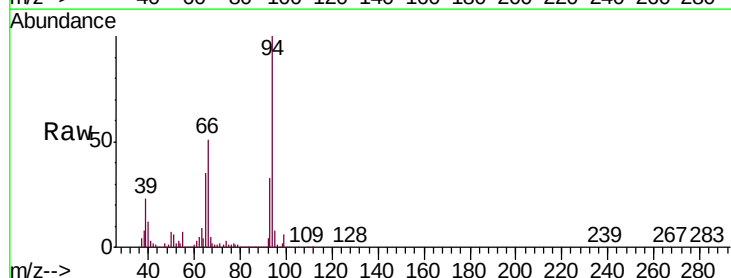
Tgt Ion: 94 Resp: 821824

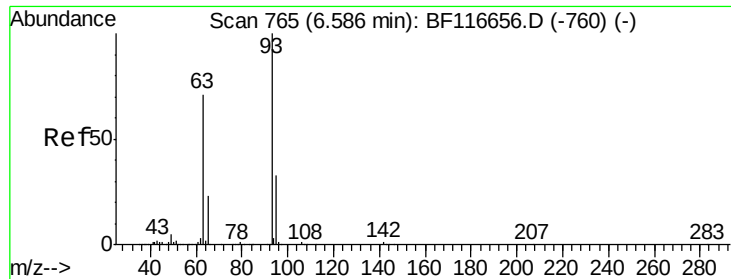
Ion Ratio Lower Upper

94 100

65 35.4 10.8 50.8

66 51.3 21.1 61.1

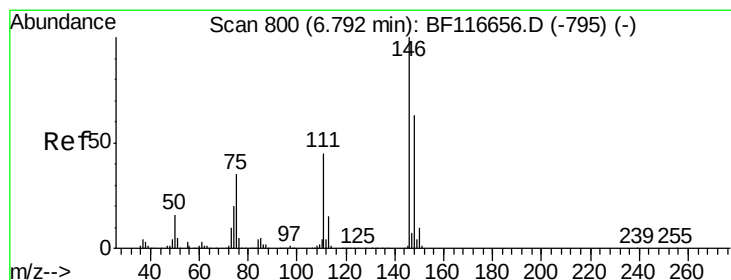
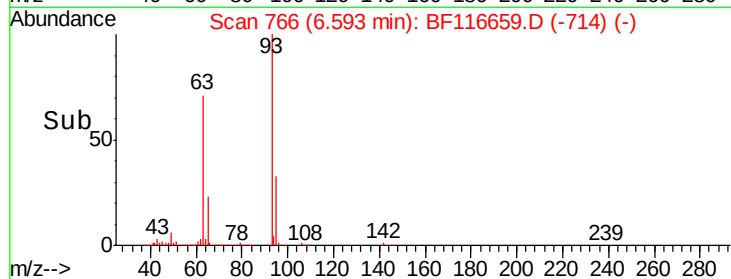
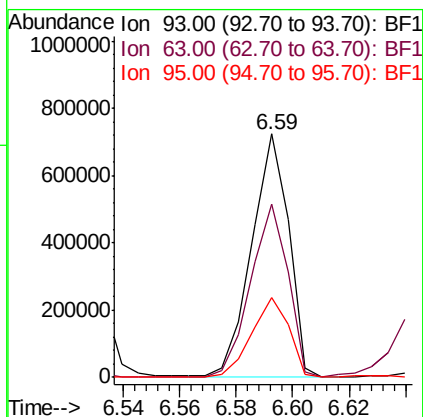
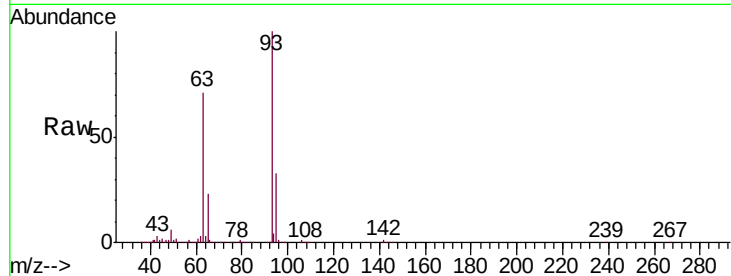




#11
bis(2-Chloroethyl)ether
Concen: 68.533 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

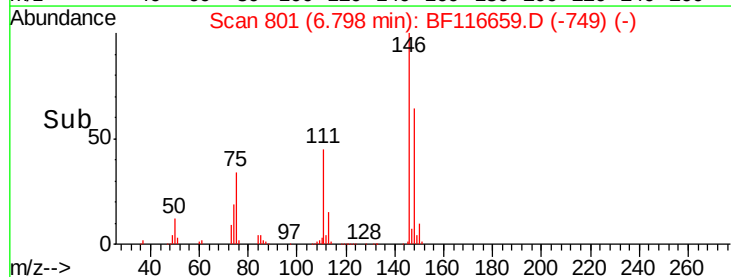
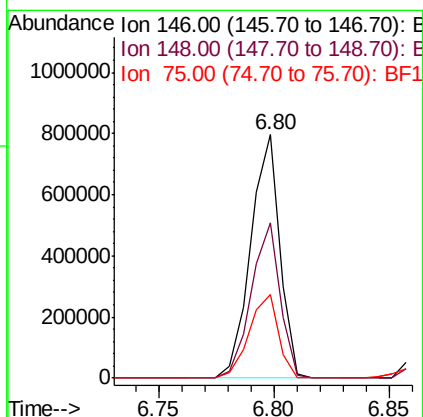
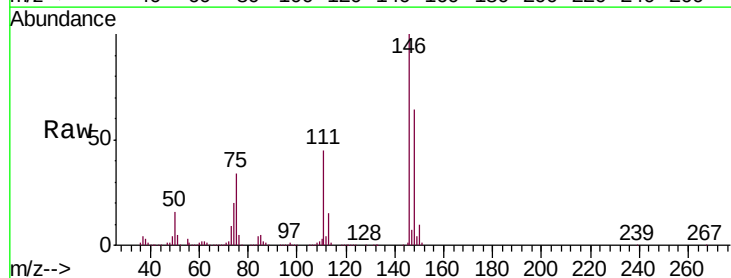
Instrument :
BNA_F
ClientSampled :

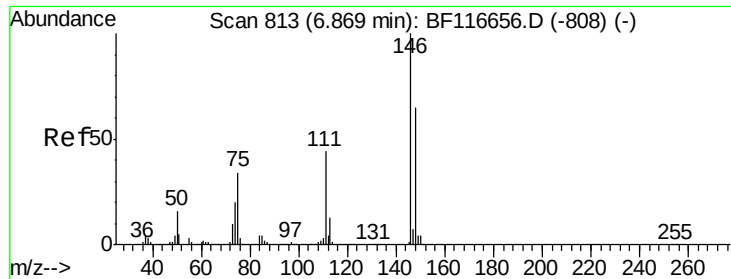
Tot Ion:	93	Resp:	659924
Ion	Ratio	Lower	Upper
93	100		
63	71.3	49.9	89.9
95	32.8	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 69.874 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Tgt Ion:	146	Resp:	702746
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.0
75	34.3	29.6	44.4

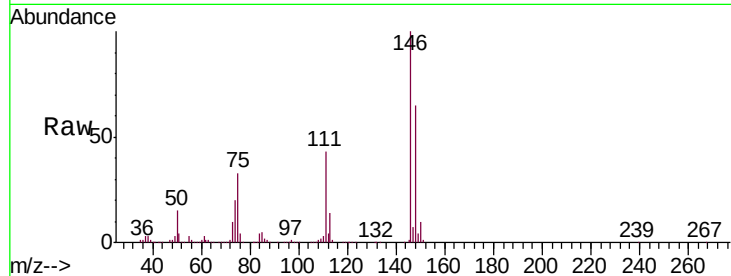




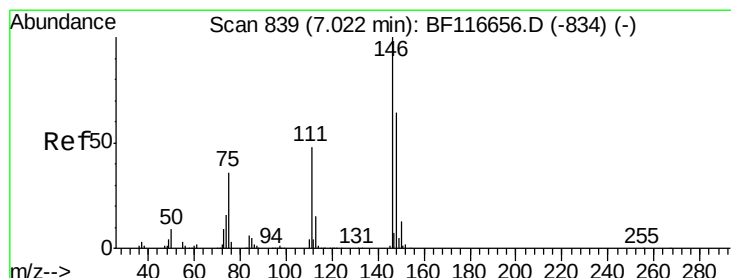
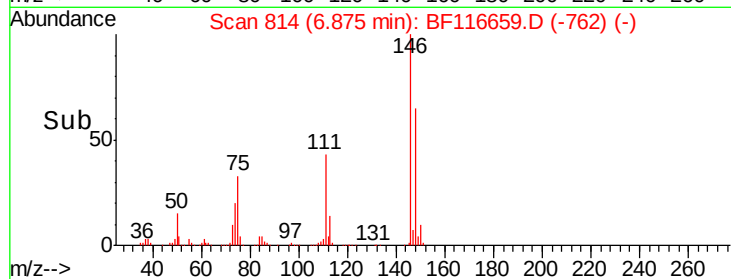
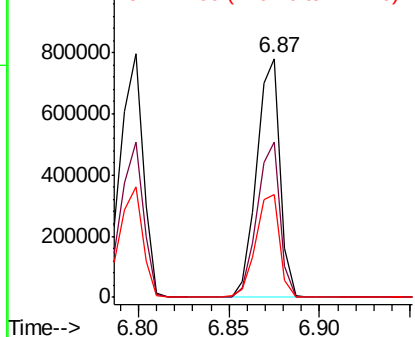
#13
 1,4-Dichlorobenzene
 Concen: 72.093 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF116659.D
 Acq: 30 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 698633
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.4 77.2
 111 42.9 34.8 52.2

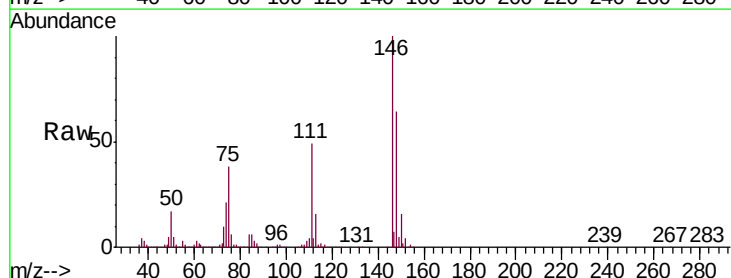


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

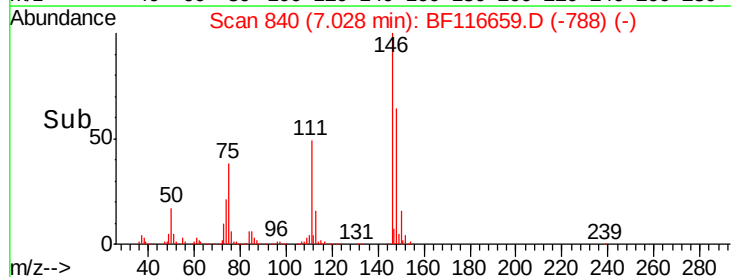
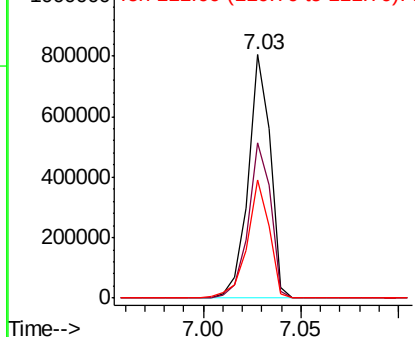


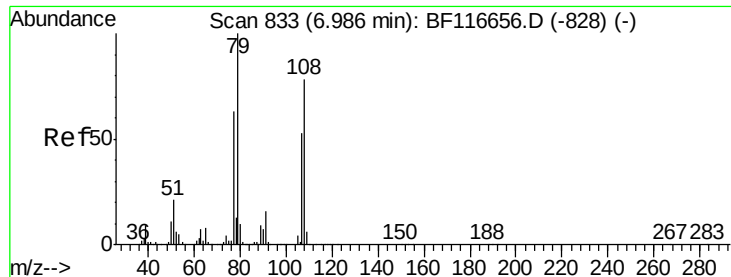
#14
 1,2-Dichlorobenzene
 Concen: 73.643 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF116659.D
 Acq: 30 Aug 2019 18:45

Tgt Ion:146 Resp: 630961
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.6 78.8
 111 48.7 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: 79.661 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

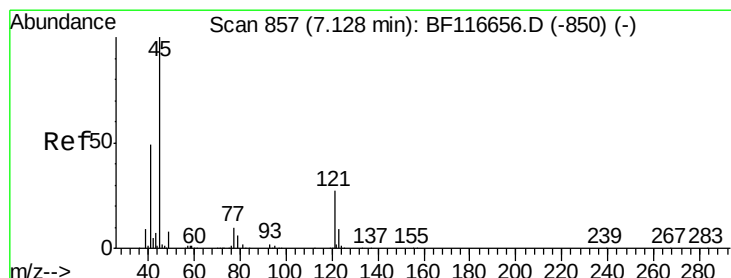
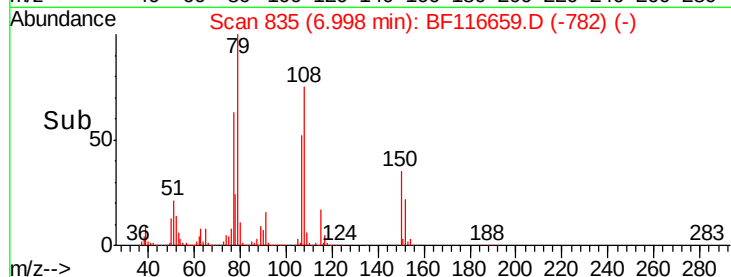
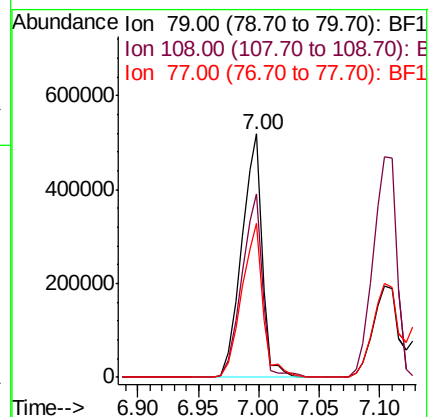
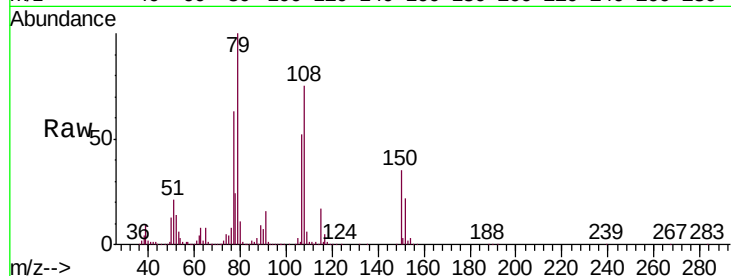
Tot Ion: 79 Resp: 615147

Ion Ratio Lower Upper

79 100

108 75.3 59.2 88.8

77 63.1 53.0 79.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 81.342 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

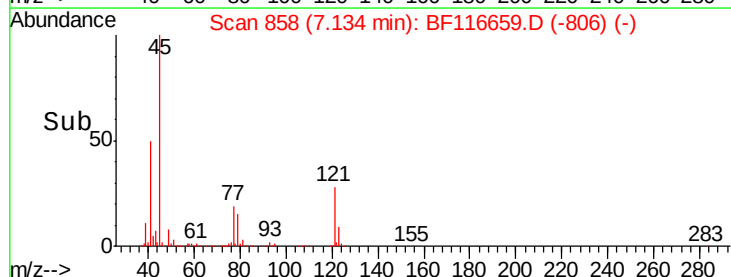
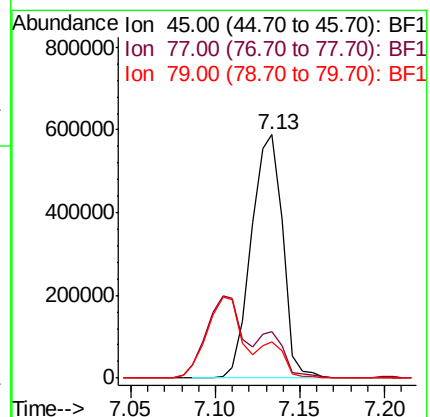
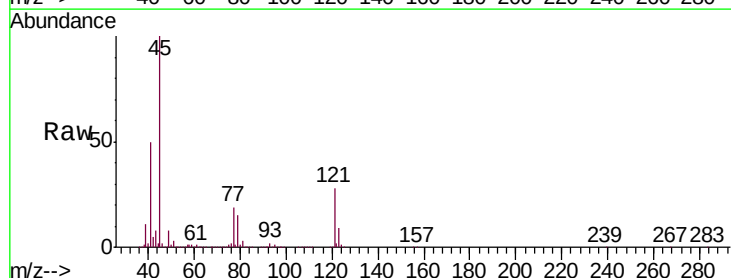
Tgt Ion: 45 Resp: 761760

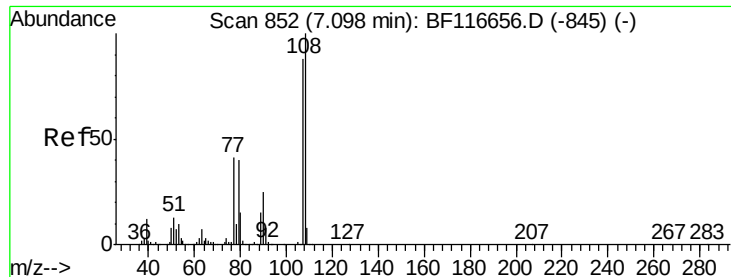
Ion Ratio Lower Upper

45 100

77 19.2 0.0 38.2

79 15.0 0.0 33.9

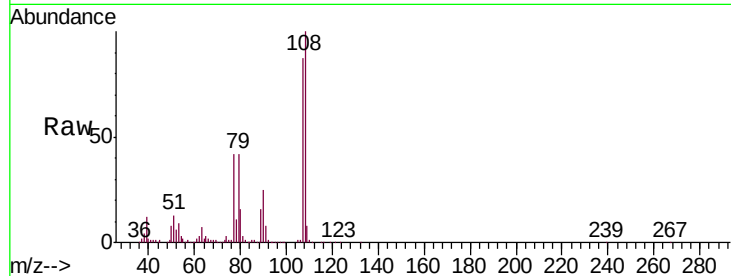




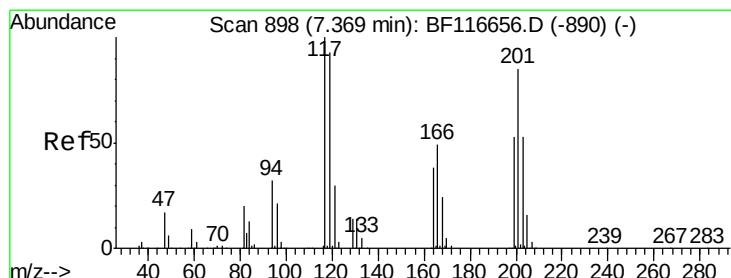
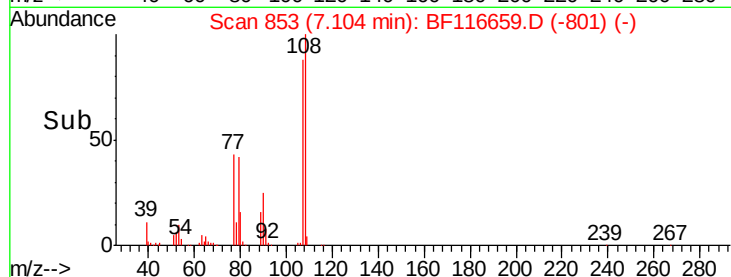
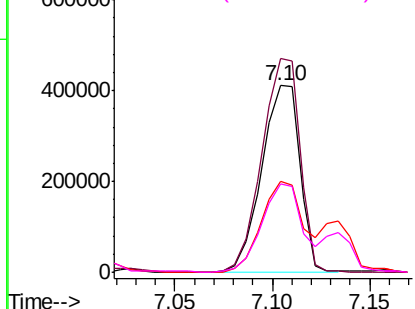
#17
2-Methylphenol
Concen: 82.182 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	557828
Ion	Ratio	Lower	Upper
107	100		
108	114.6	88.3	132.5
77	48.7	39.9	59.9
79	47.6	39.8	59.8

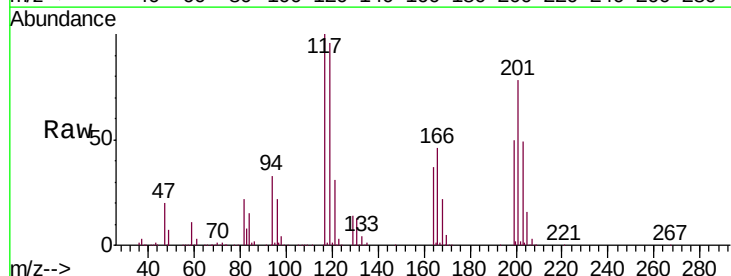


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

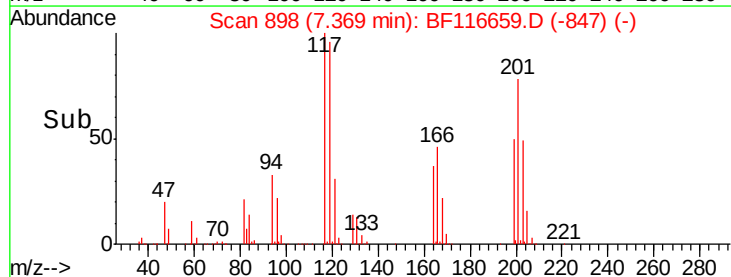
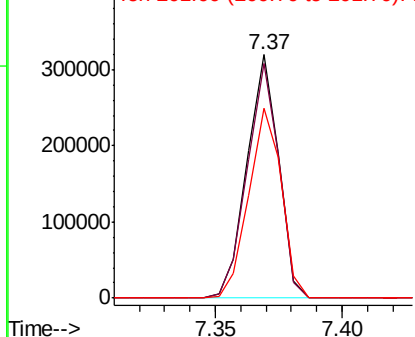


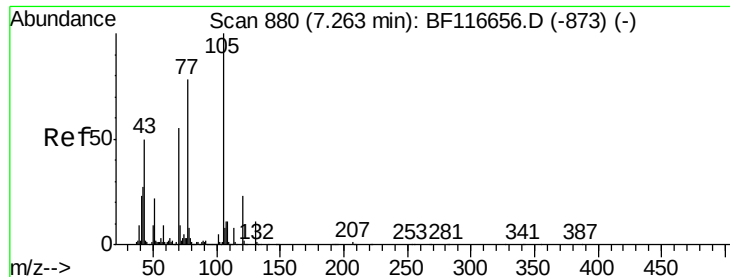
#18
Hexachloroethane
Concen: 80.620 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Tgt Ion:	117	Resp:	276985
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.9	115.3
201	77.9	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

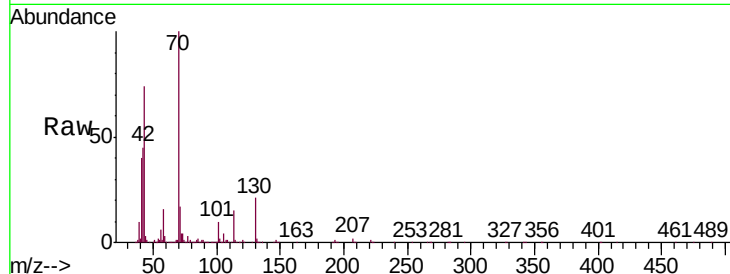




#19
n-Nitroso-di-n-propylamine
Concen: 82.715 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.02 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	496826
Ion	Ratio	Lower	Upper
70	100		
42	45.5	43.5	65.3
101	9.7	7.8	11.6
130	20.8	16.6	24.8



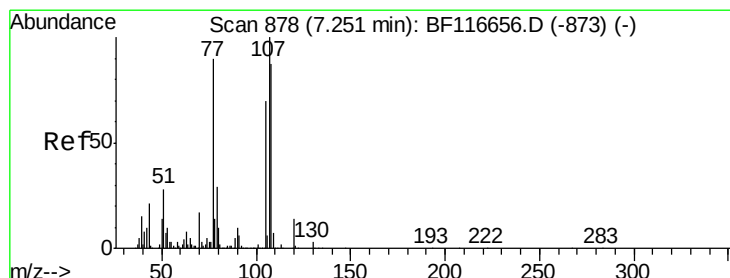
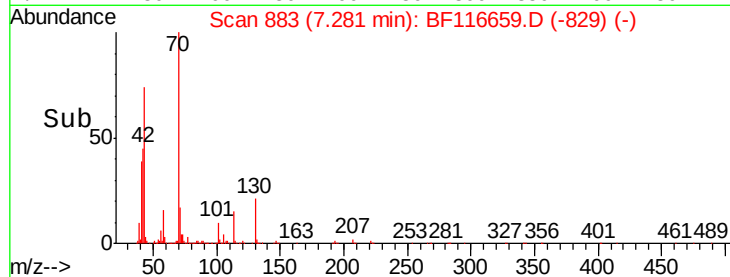
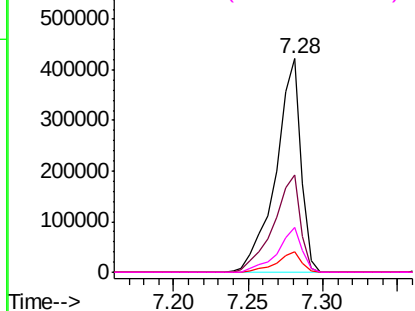
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

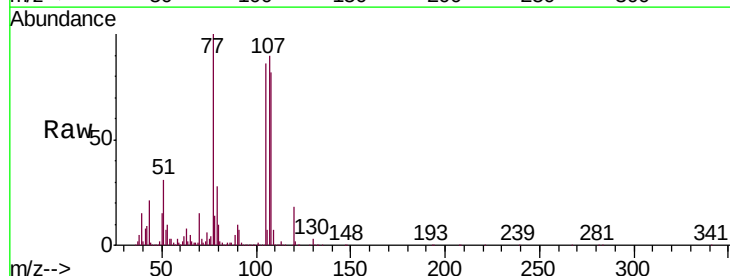
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 71.710 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Tgt Ion:	107	Resp:	612520
Ion	Ratio	Lower	Upper
107	100		
108	90.1	65.5	105.5
77	110.5	69.4	109.4#
79	30.7	9.5	49.5



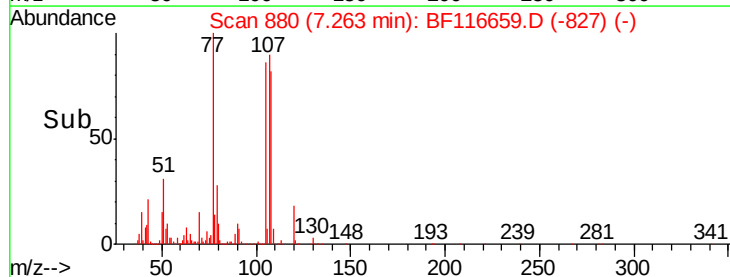
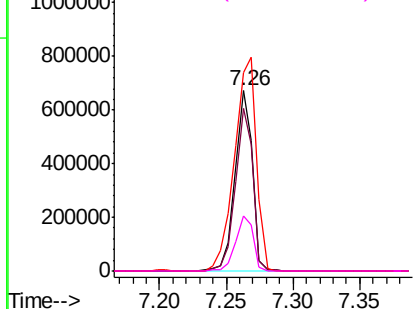
Abundance

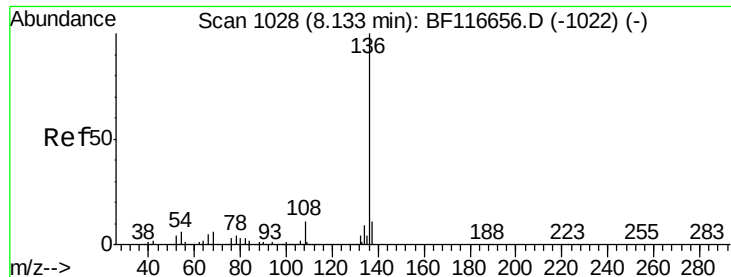
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 517902

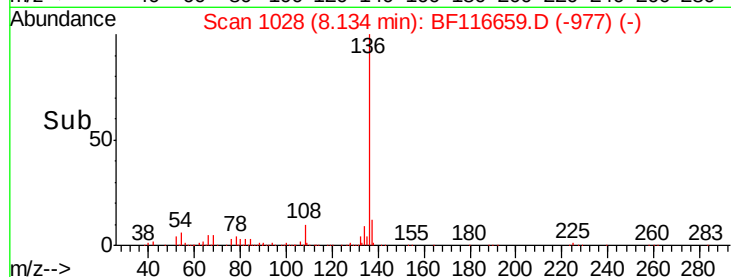
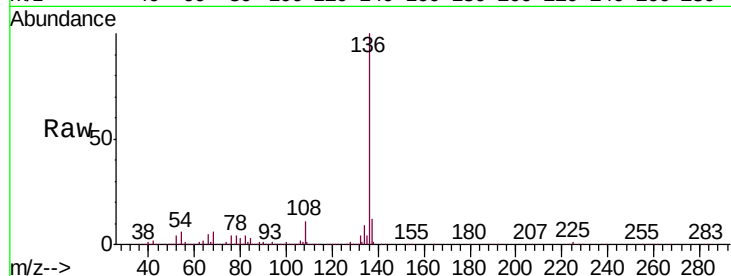
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 6.4 4.8 7.2

68 5.6 4.0 6.0



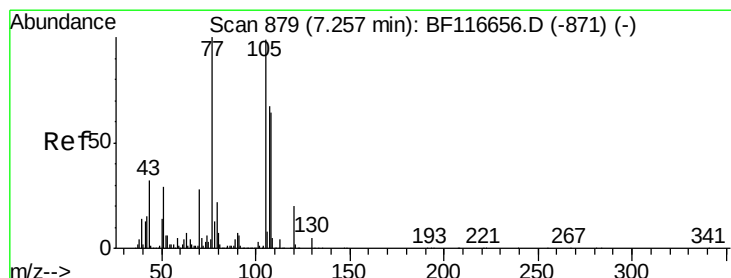
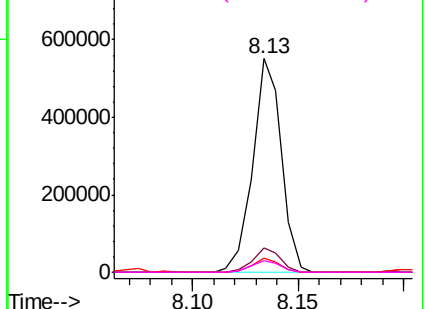
Abundance

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: 61.935 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Tgt Ion:105 Resp: 905148

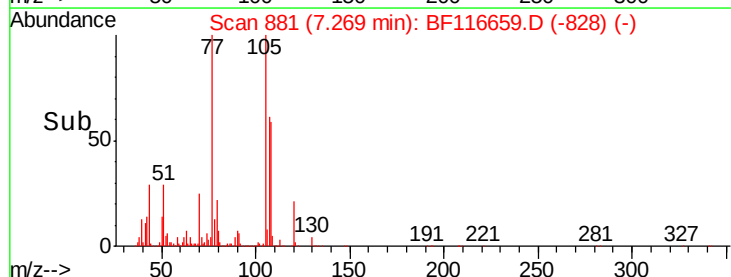
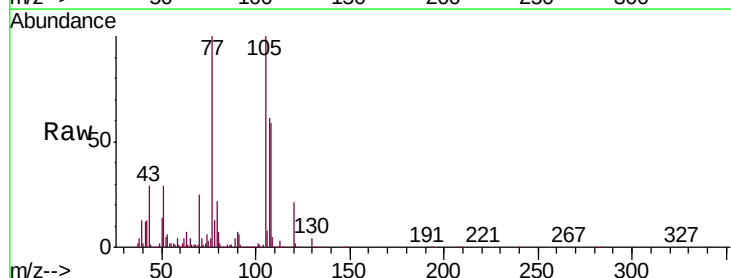
Ion Ratio Lower Upper

105 100

71 4.4 4.2 6.4

51 29.4 25.8 38.8

120 21.2 16.4 24.6



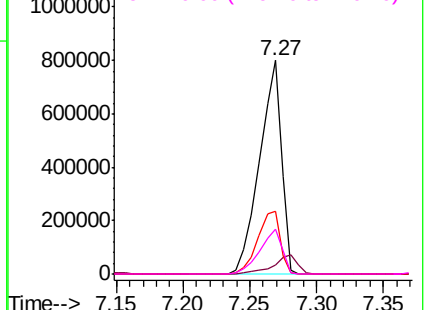
Abundance

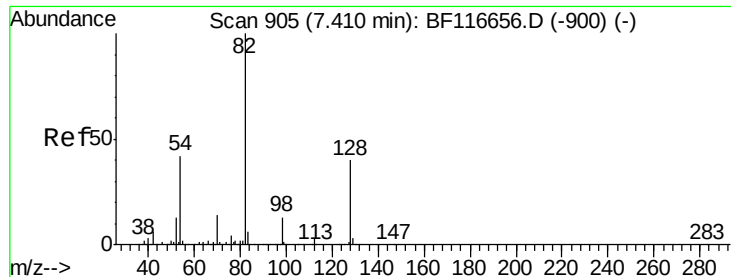
Ion 105.00 (104.70 to 105.70): E

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: 146.101 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampled :

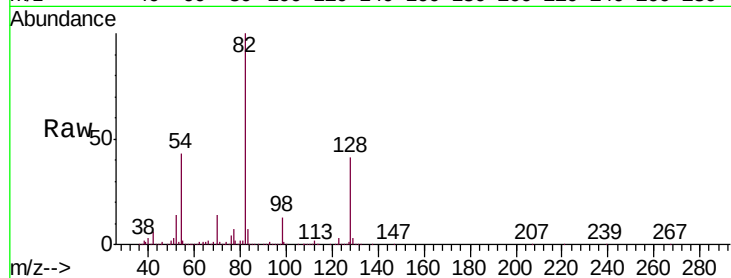
Tot Ion: 82 Resp: 1437816

Ion Ratio Lower Upper

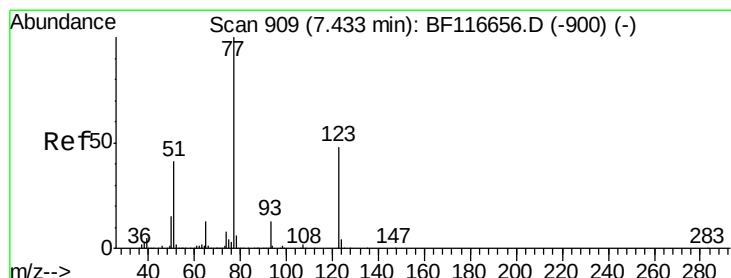
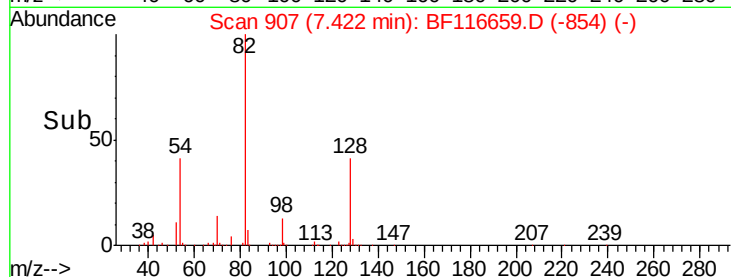
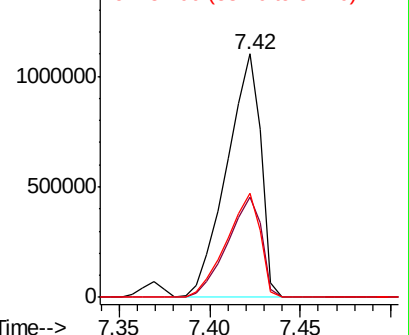
82 100

128 41.2 32.8 49.2

54 42.7 36.9 55.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 72.974 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

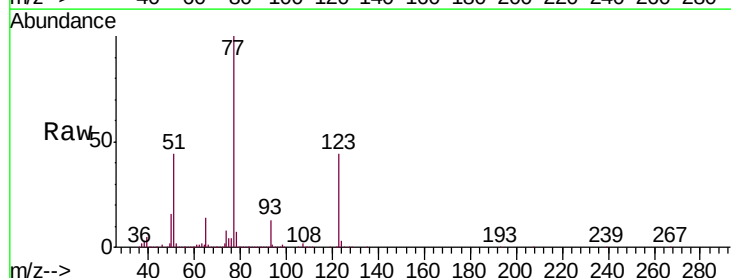
Tgt Ion: 77 Resp: 718828

Ion Ratio Lower Upper

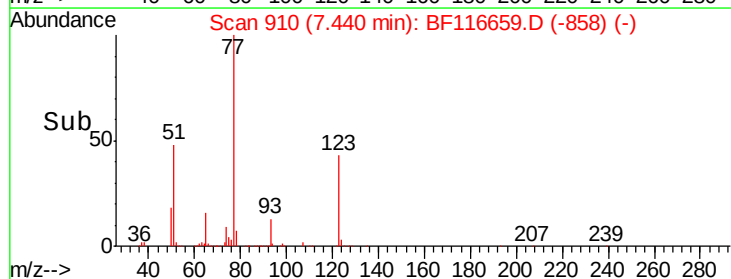
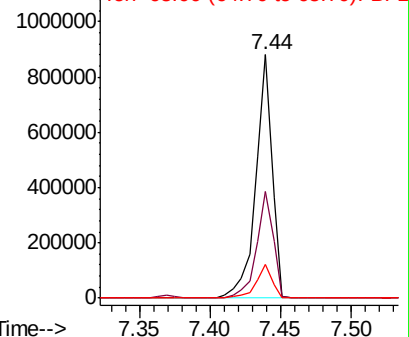
77 100

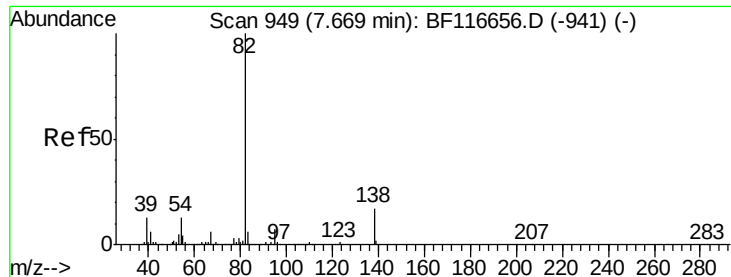
123 43.8 33.1 49.7

65 13.6 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
1200000 Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 78.545 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

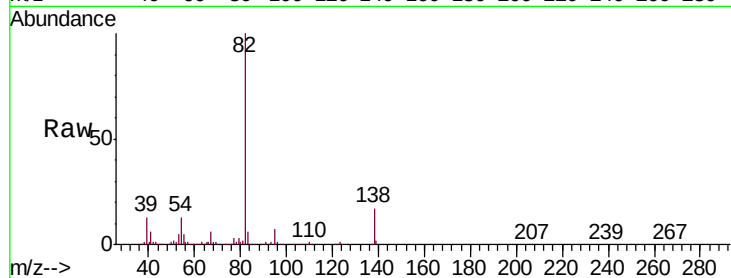
Tot Ion: 82 Resp: 1398733

Ion Ratio Lower Upper

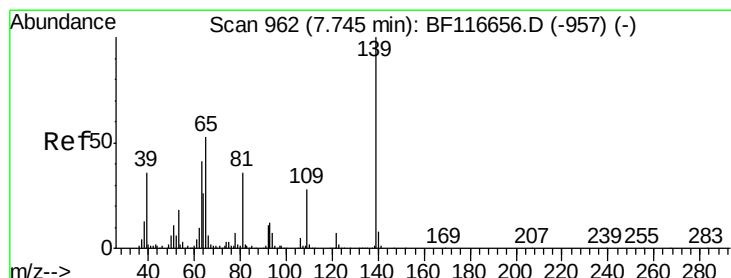
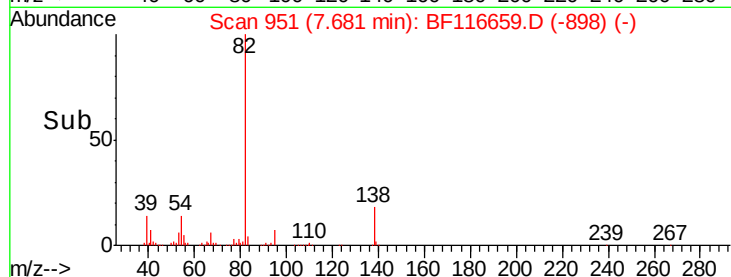
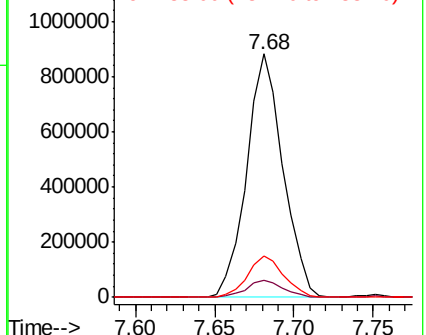
82 100

95 7.1 5.8 8.6

138 17.0 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 65.822 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

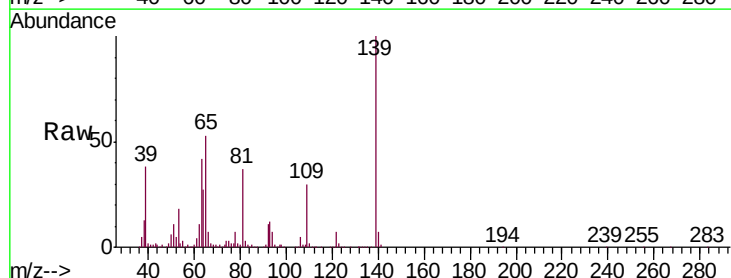
Tgt Ion: 139 Resp: 288183

Ion Ratio Lower Upper

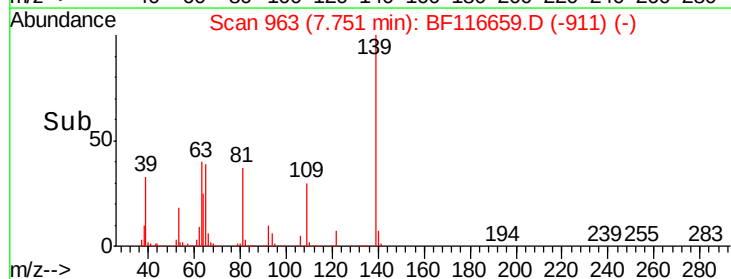
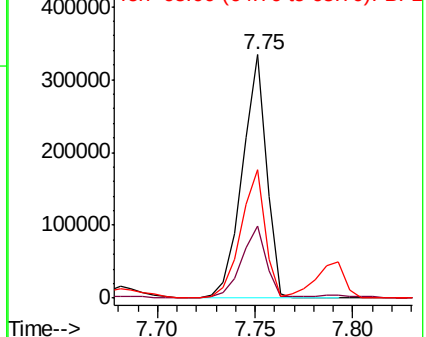
139 100

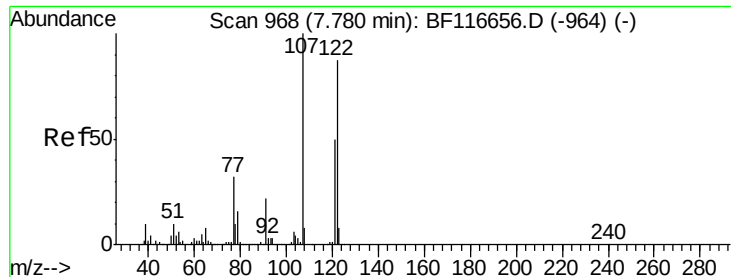
109 29.9 27.1 40.7

65 52.8 43.0 64.6



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





#27

2,4-Dimethylphenol

Concen: 74.432 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

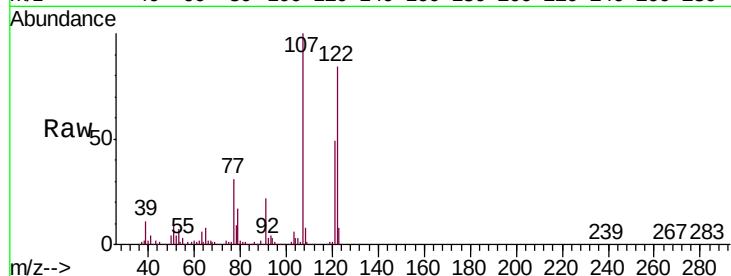
Tot Ion:122 Resp: 516384

Ion Ratio Lower Upper

122 100

107 118.4 98.1 147.1

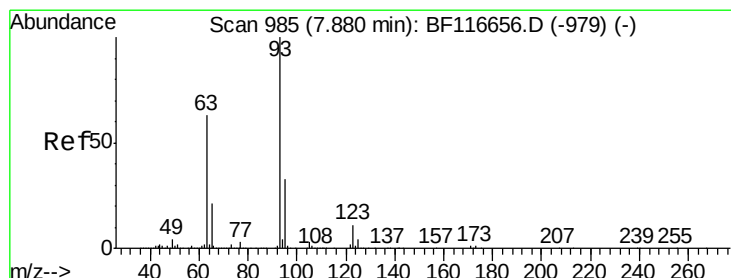
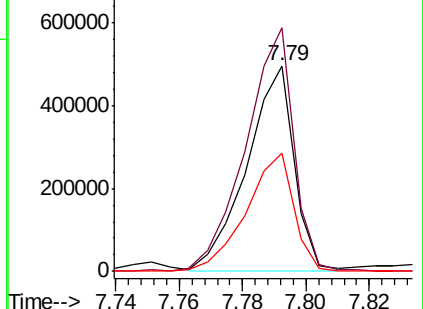
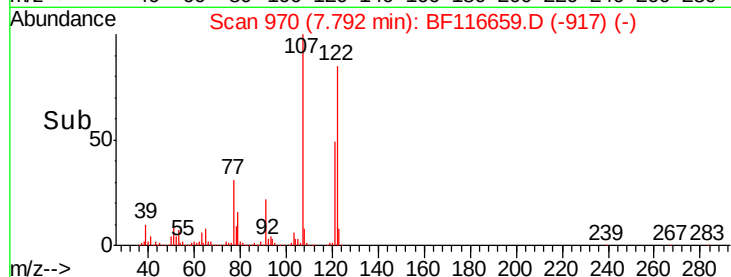
121 57.5 47.3 70.9



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: 76.253 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

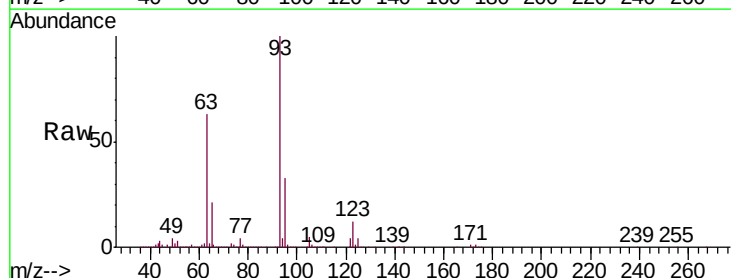
Tgt Ion: 93 Resp: 839277

Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

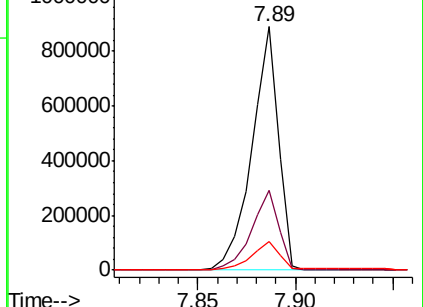
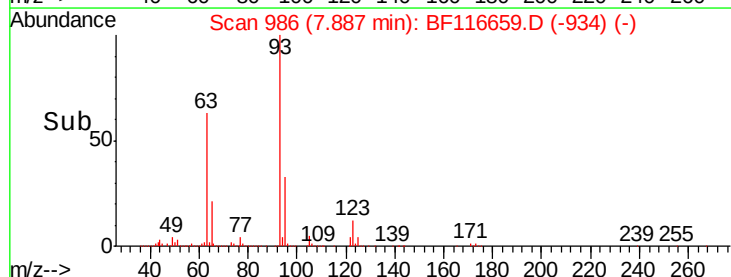
123 11.7 9.8 14.8

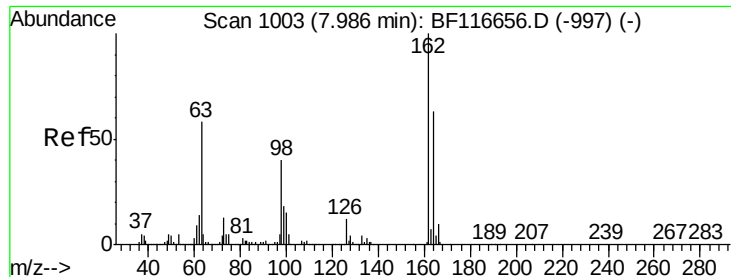


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

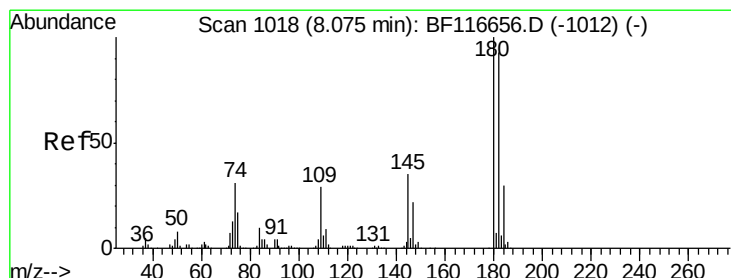
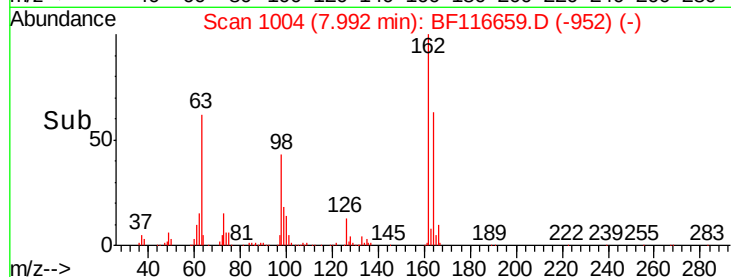
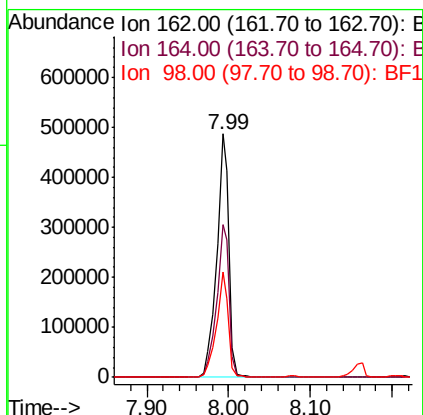
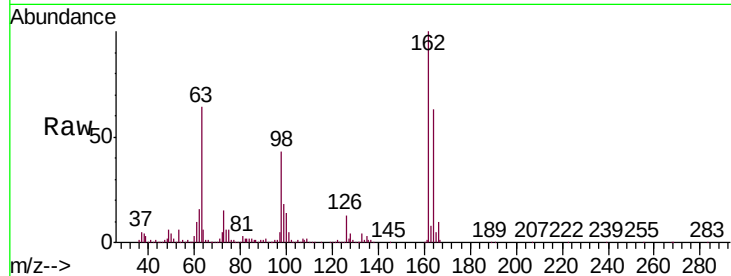




#29
2,4-Dichlorophenol
Concen: 69.498 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

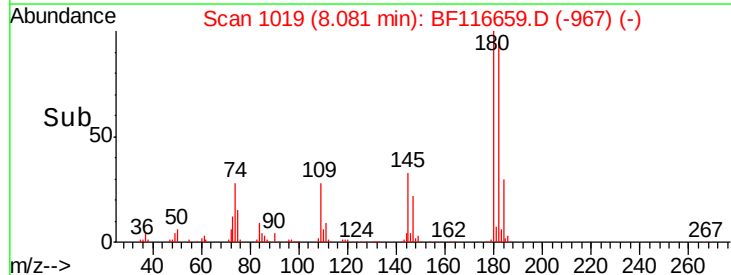
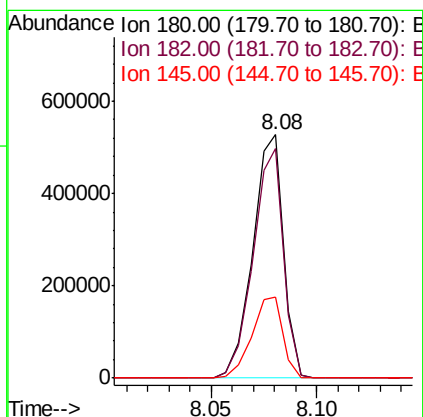
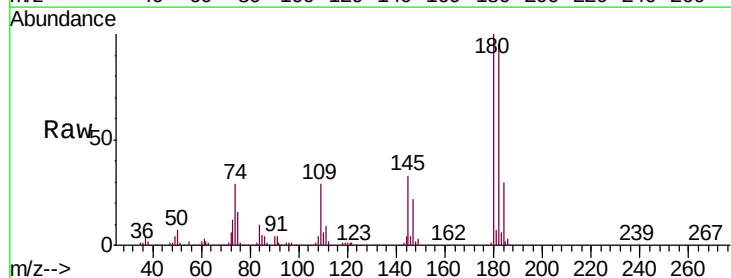
Instrument :
BNA_F
ClientSampleId :

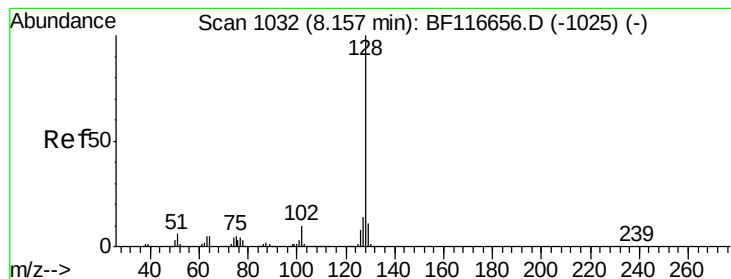
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	43.4	83.4
98	43.3	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 62.907 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	78.6	118.0
145	33.4	25.7	38.5





#31

Naphthalene

Concen: 68.099 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampled :

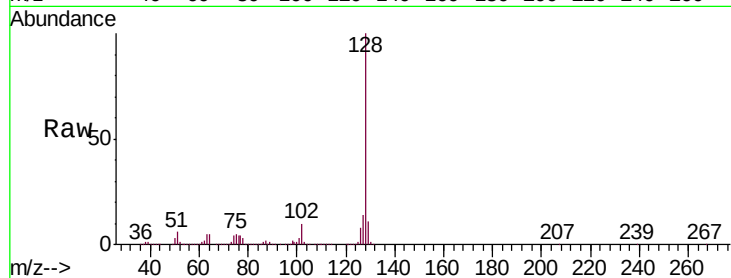
Tot Ion:128 Resp: 1788239

Ion Ratio Lower Upper

128 100

129 11.5 8.6 13.0

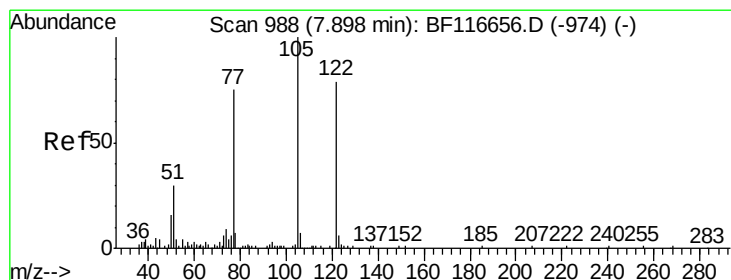
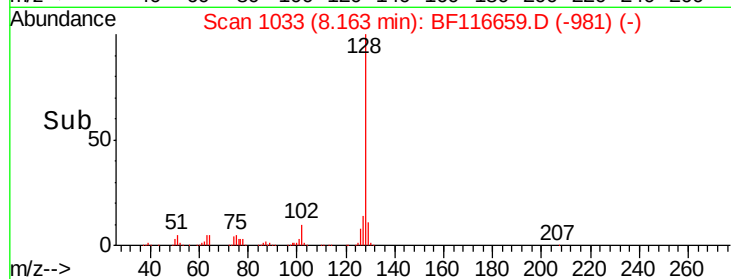
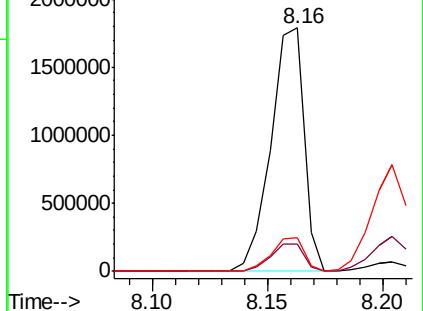
127 13.8 10.4 15.6



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: 63.525 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.05 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

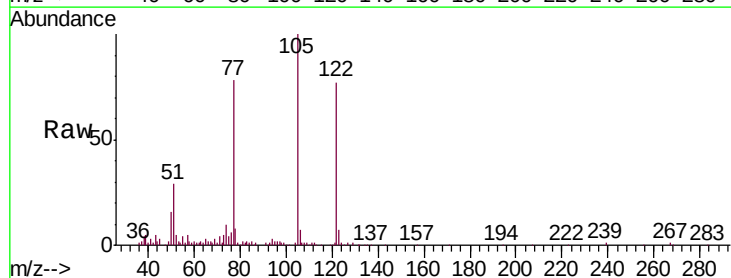
Tgt Ion:122 Resp: 355375

Ion Ratio Lower Upper

122 100

105 129.4 110.0 150.0

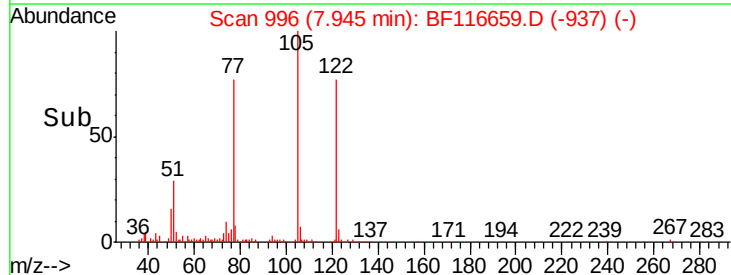
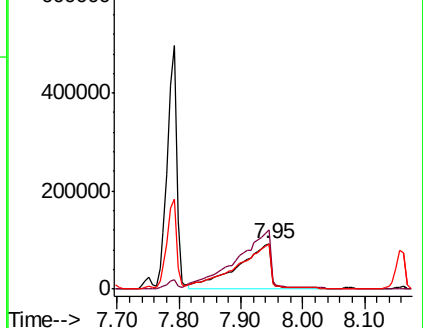
77 100.4 81.7 121.7

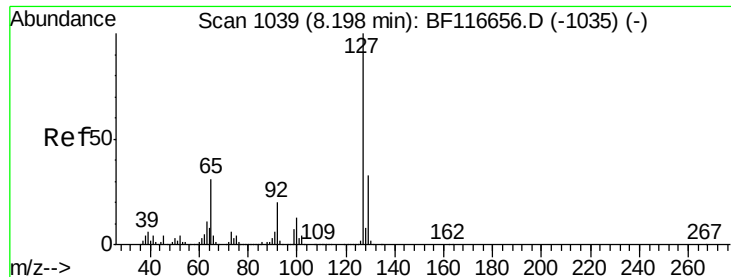


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

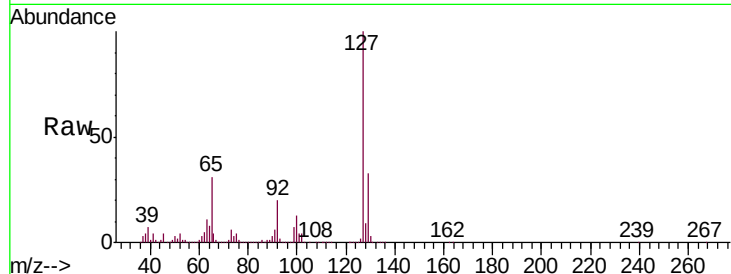




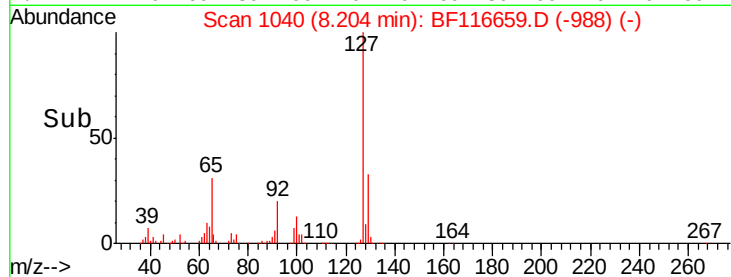
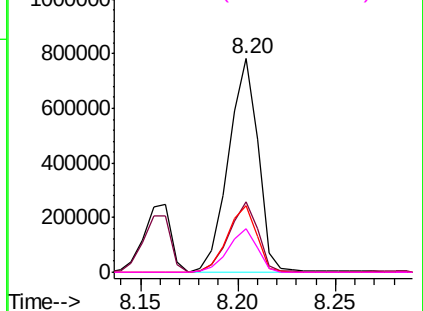
#33
4-Chloroaniline
Concen: 73.389 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	817217
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	31.0	26.0	39.0
92	20.2	16.1	24.1

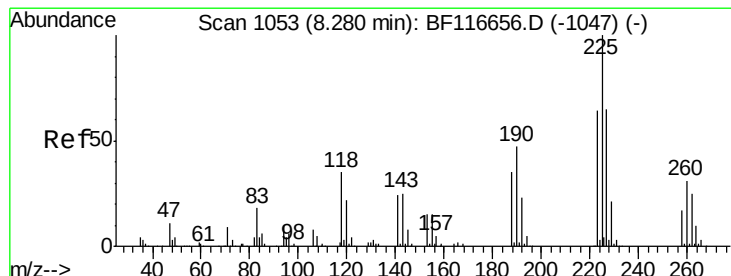


Abundance Ion 127.00 (126.70 to 127.70): E
1200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

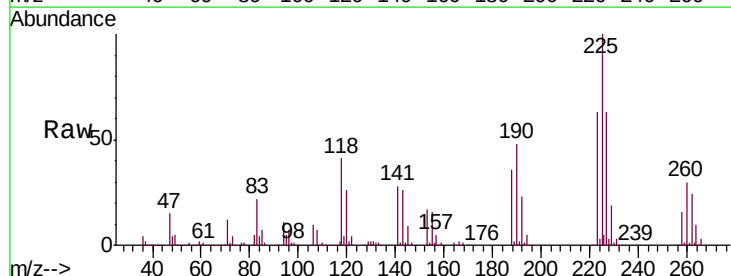
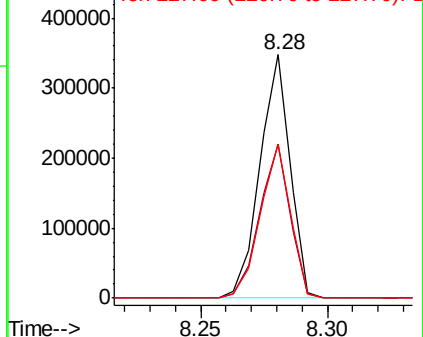


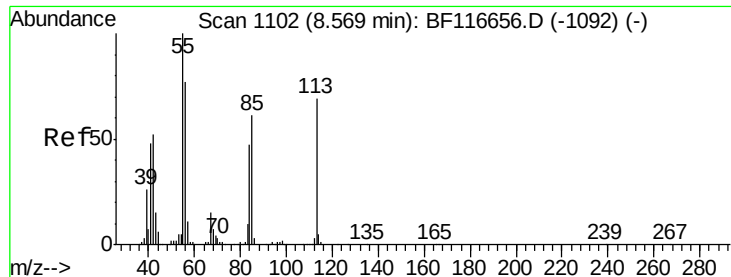
#34
Hexachlorobutadiene
Concen: 60.063 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Tgt Ion:	225	Resp:	290187
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.4	74.2
227	63.4	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

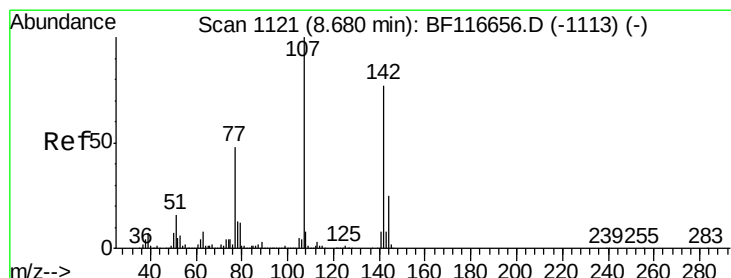
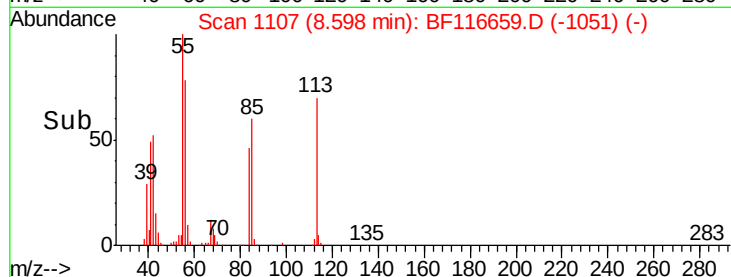
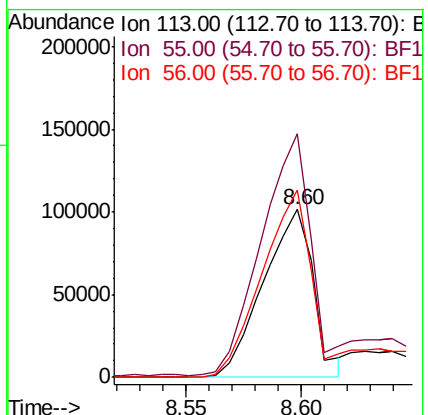
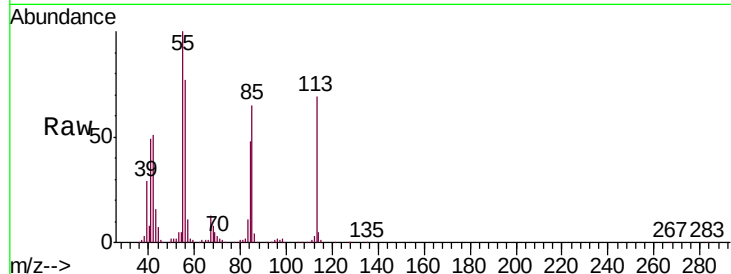




#35
Caprolactam
Concen: 65.528 ng
RT: 8.60 min Scan# 1107
Delta R.T. 0.03 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

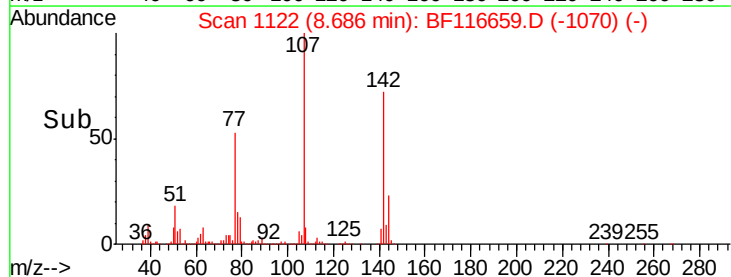
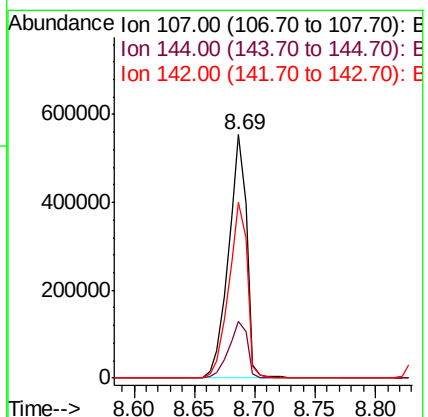
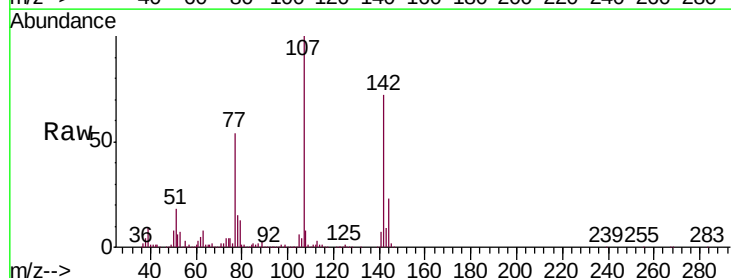
Instrument :
BNA_F
ClientSampleId :

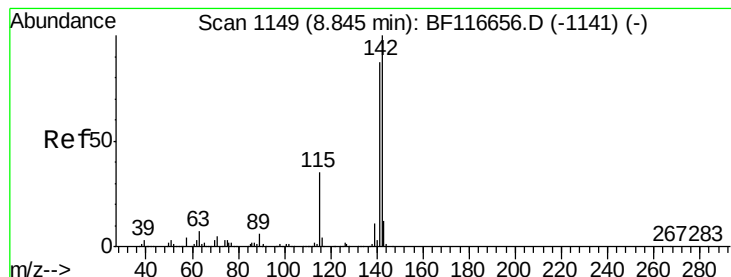
Tot Ion:113 Resp: 152137
Ion Ratio Lower Upper
113 100
55 145.3 124.3 164.3
56 112.1 94.6 134.6



#36
4-Chloro-3-methylphenol
Concen: 71.708 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Tgt Ion:107 Resp: 580849
Ion Ratio Lower Upper
107 100
144 23.4 18.6 27.8
142 72.3 58.5 87.7





#37

2-Methylnaphthalene

Concen: 67.749 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

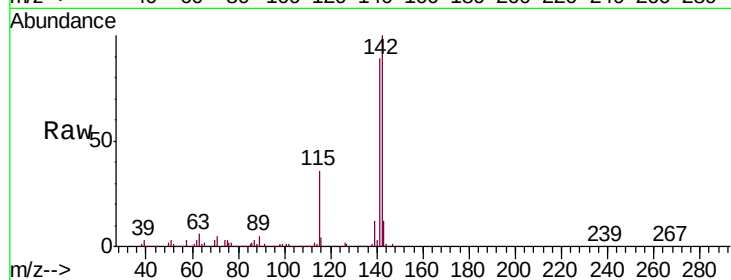
Tot Ion:142 Resp: 1175217

Ion Ratio Lower Upper

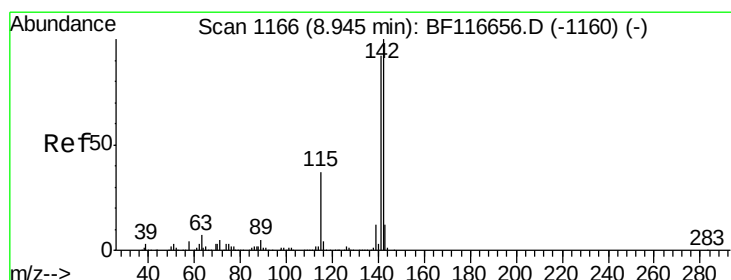
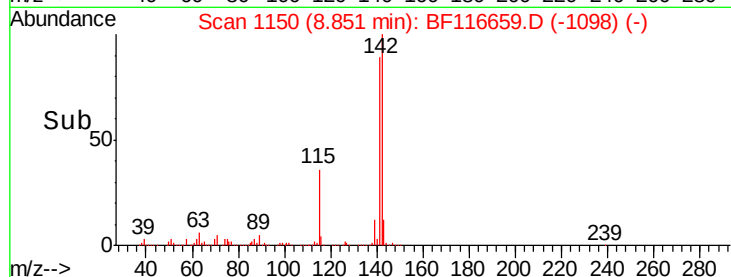
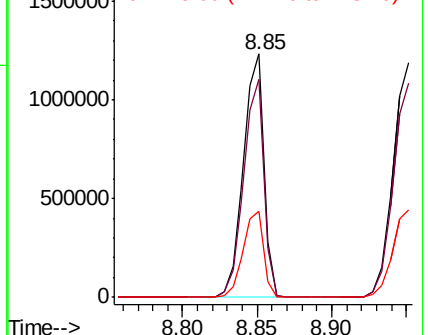
142 100

141 89.4 72.6 109.0

115 35.5 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: 68.422 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

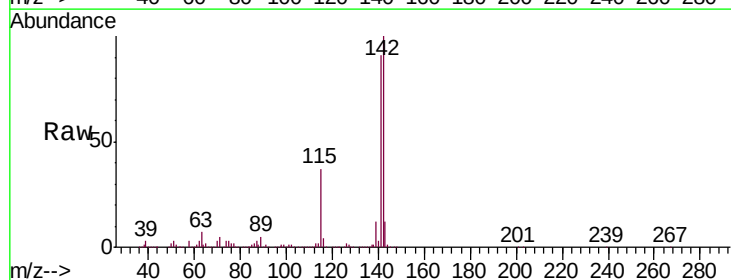
Tgt Ion:142 Resp: 1116993

Ion Ratio Lower Upper

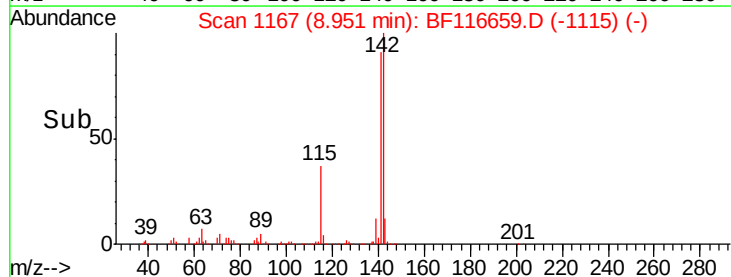
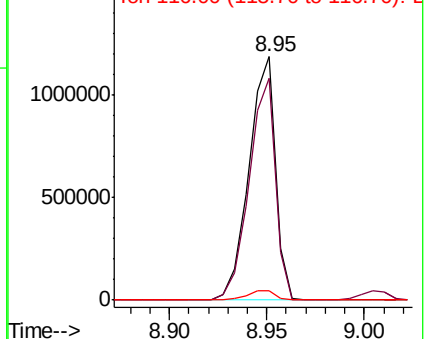
142 100

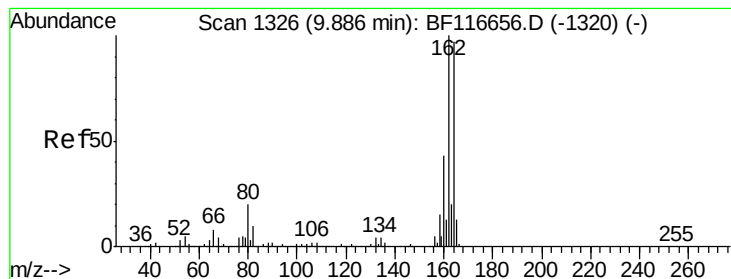
141 91.3 73.9 110.9

116 3.8 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: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

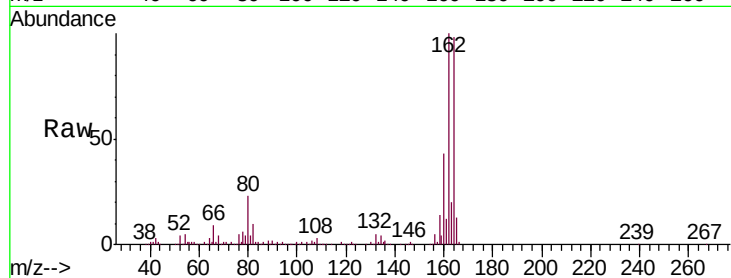
Tot Ion:164 Resp: 258292

Ion Ratio Lower Upper

164 100

162 102.0 81.4 122.0

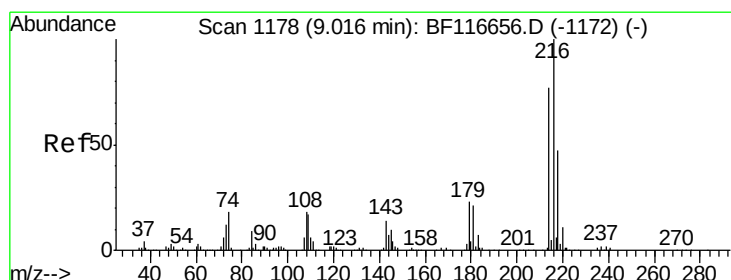
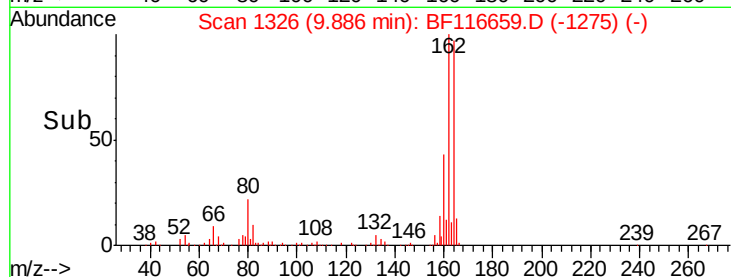
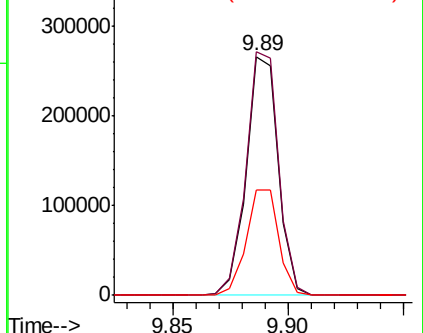
160 44.3 35.4 53.2



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: 50.240 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Tgt Ion:216 Resp: 440214

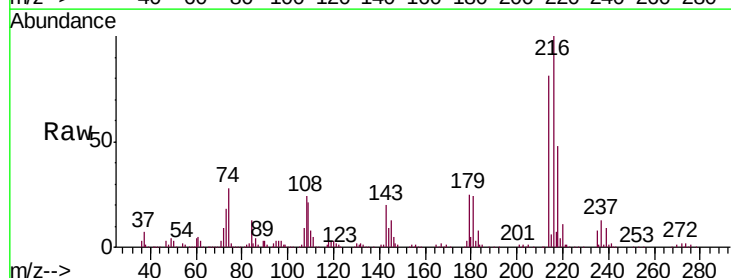
Ion Ratio Lower Upper

216 100

214 80.0 62.7 94.1

179 24.0 19.3 28.9

108 24.9 16.6 25.0

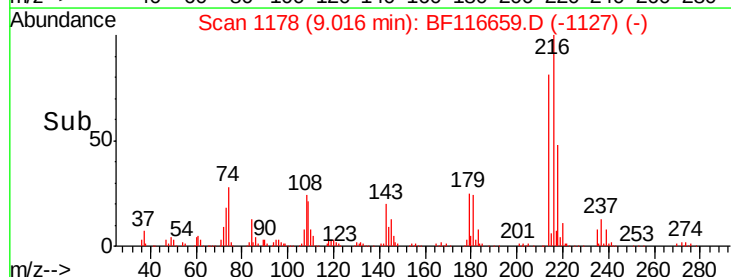
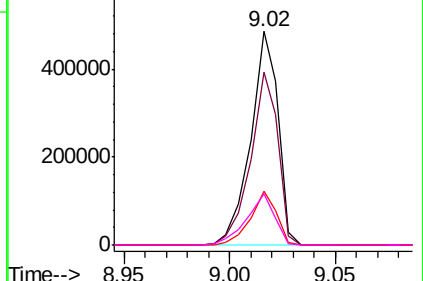


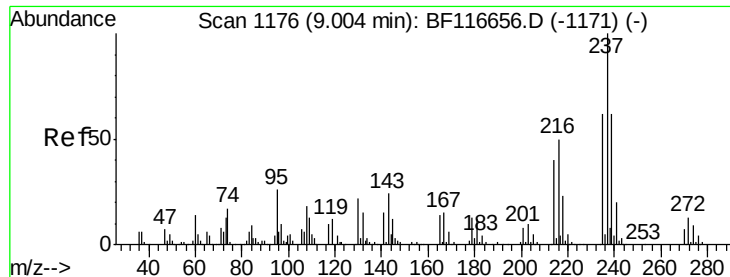
Abundance Ion 216.00 (215.70 to 216.70): E

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: 53.377 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

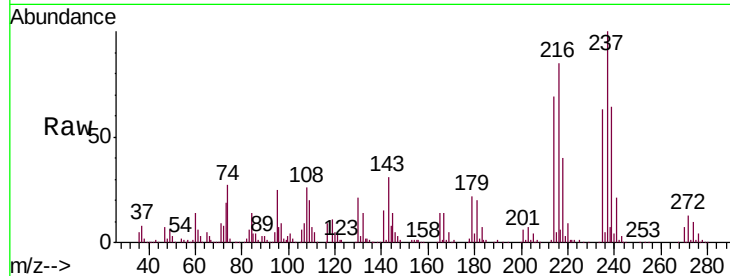
Tot Ion:237 Resp: 274132

Ion Ratio Lower Upper

237 100

235 62.6 41.4 81.4

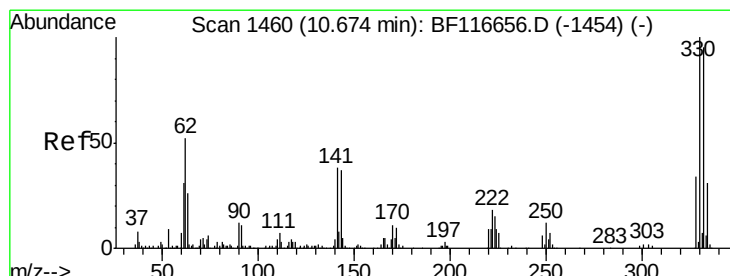
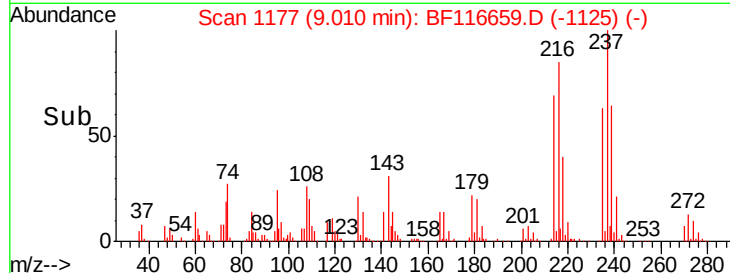
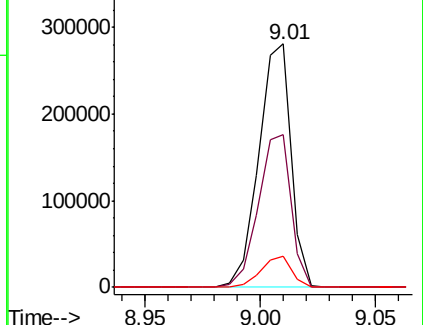
272 12.8 0.0 32.8



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: 88.512 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

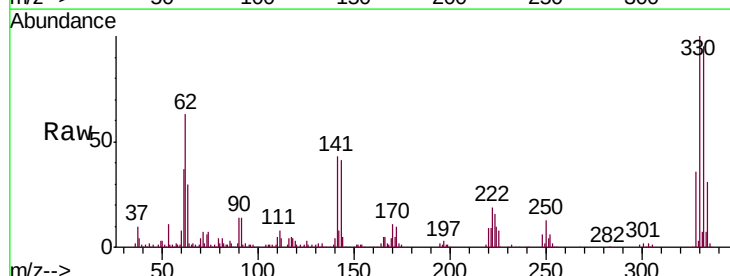
Tgt Ion:330 Resp: 263632

Ion Ratio Lower Upper

330 100

332 94.8 76.9 115.3

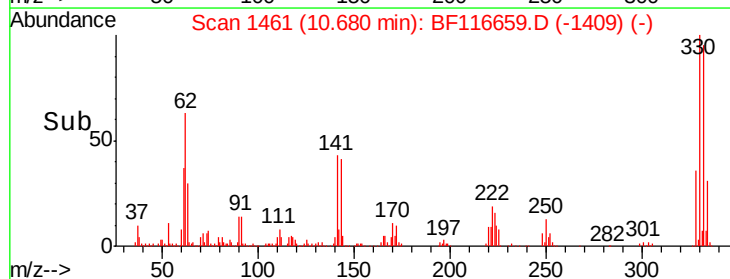
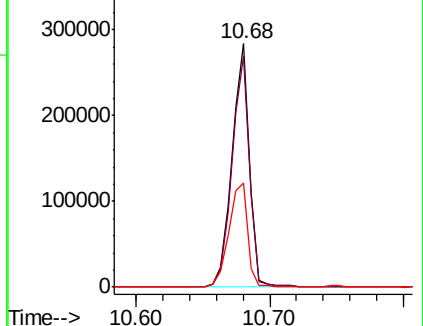
141 46.3 31.4 47.2

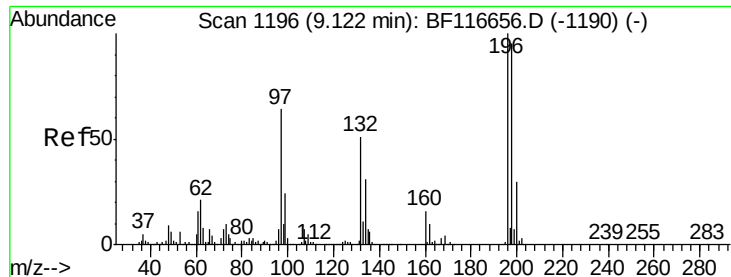


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

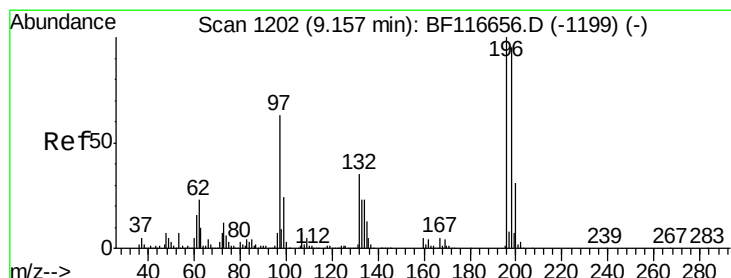
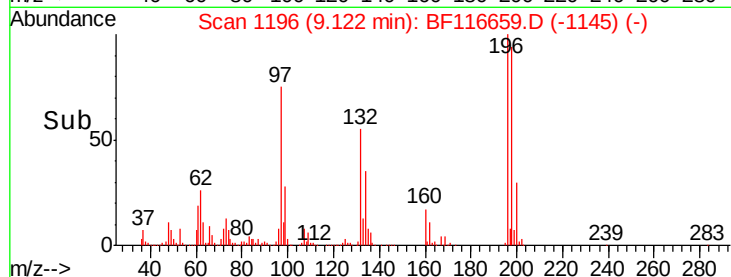
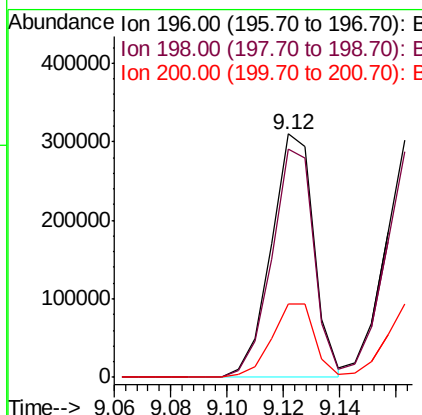
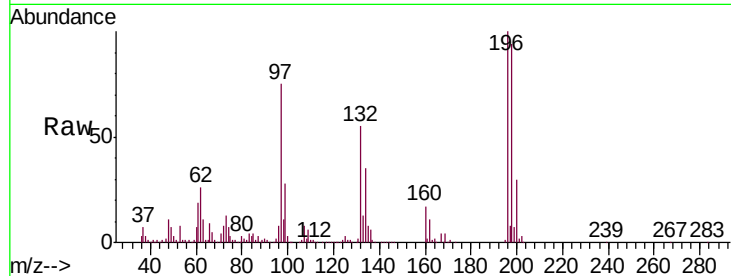




#43
 2,4,6-Trichlorophenol
 Concen: 54.998 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF116659.D
 Acq: 30 Aug 2019 18:45

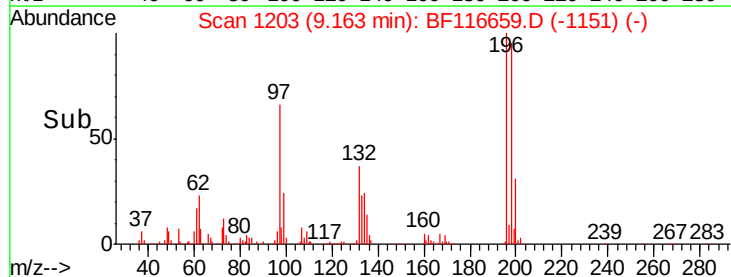
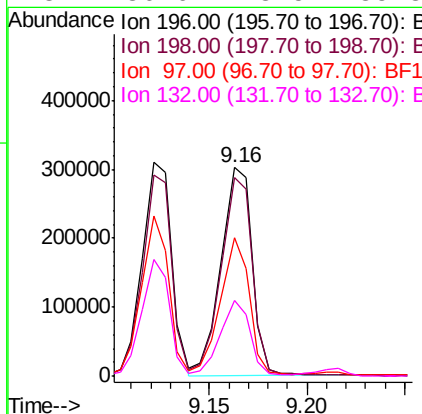
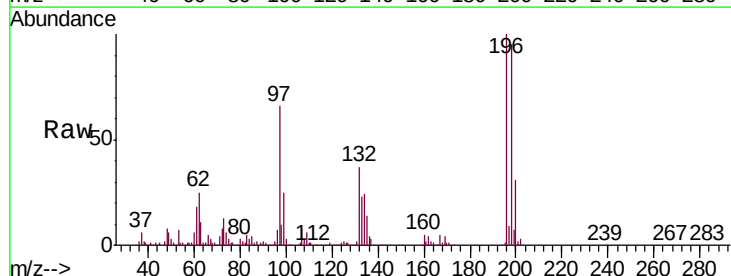
Instrument :
 BNA_F
 ClientSampleId :

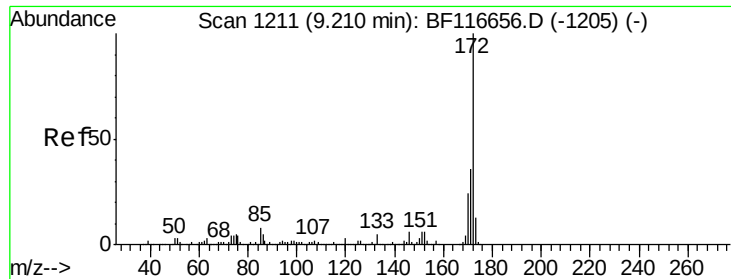
Tot Ion:196 Resp: 324932
 Ion Ratio Lower Upper
 196 100
 198 93.9 79.1 118.7
 200 30.2 24.0 36.0



#44
 2,4,5-Trichlorophenol
 Concen: 55.750 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF116659.D
 Acq: 30 Aug 2019 18:45

Tgt Ion:196 Resp: 334613
 Ion Ratio Lower Upper
 196 100
 198 95.4 78.1 117.1
 97 66.3 41.6 62.4#
 132 36.6 23.5 35.3#

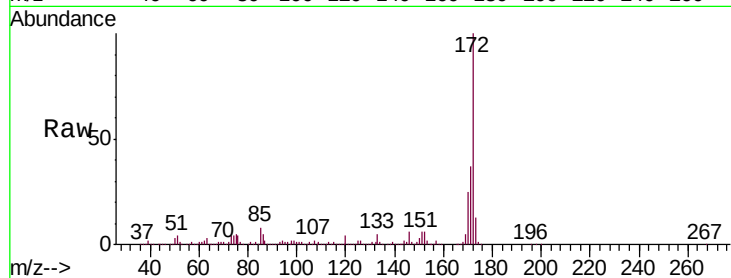




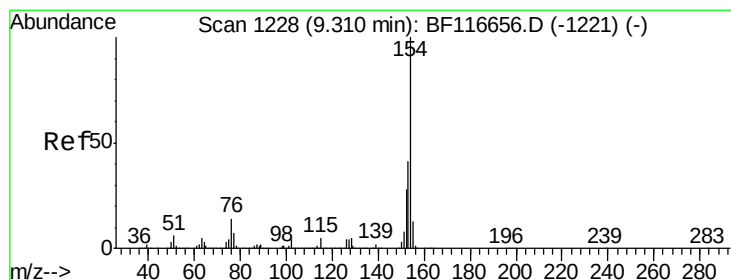
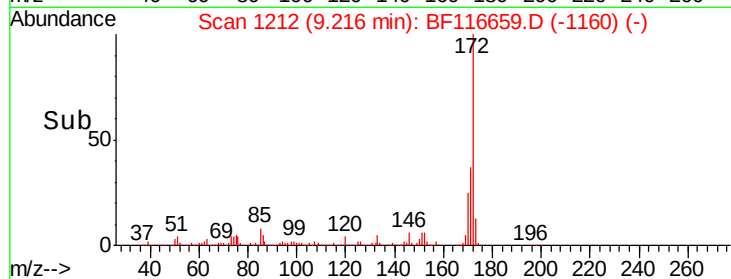
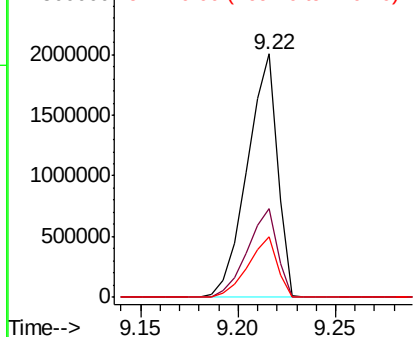
#45
2-Fluorobiphenyl
Concen: 104.320 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2146397
Ion Ratio Lower Upper
172 100
171 36.6 27.8 41.6
170 24.7 18.9 28.3

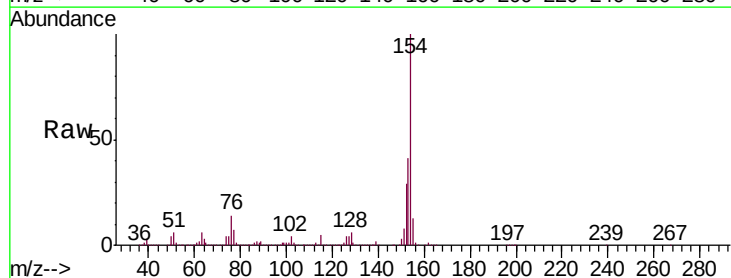


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

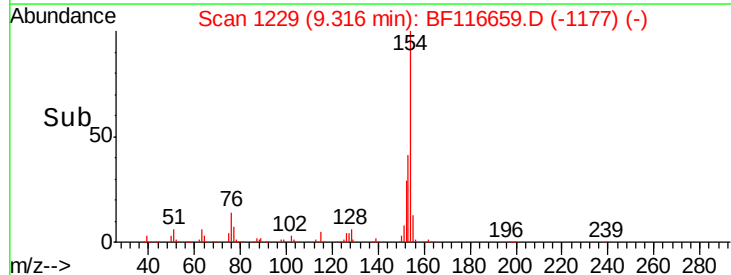
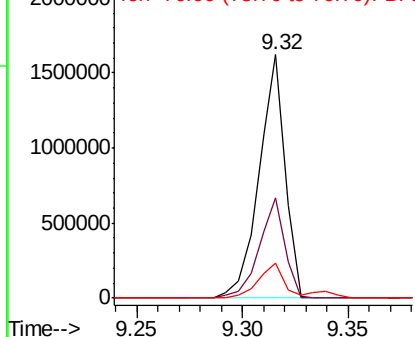


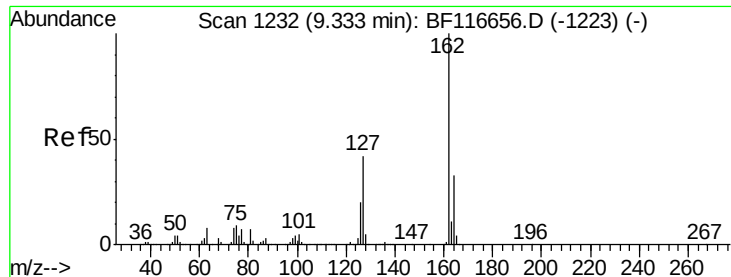
#46
1,1'-Biphenyl
Concen: 55.373 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Tgt Ion:154 Resp: 1384898
Ion Ratio Lower Upper
154 100
153 41.1 21.2 61.2
76 14.2 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

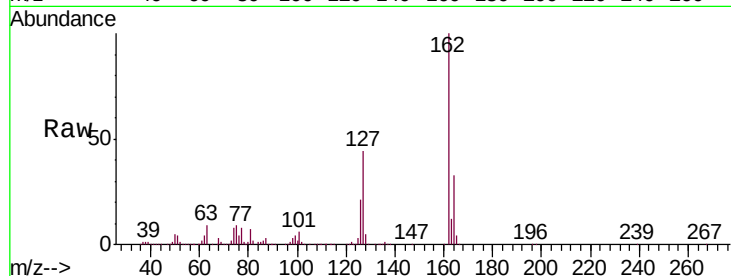




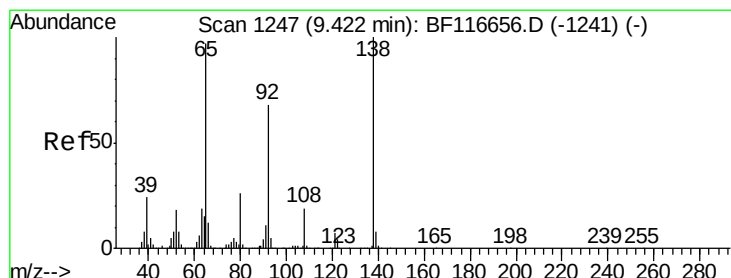
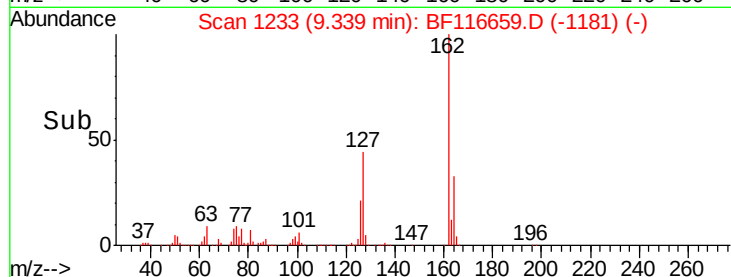
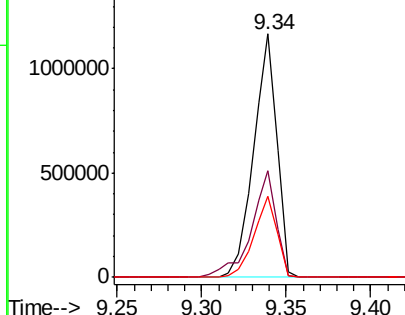
#47
2-Chloronaphthalene
Concen: 58.101 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1122475
Ion Ratio Lower Upper
162 100
127 43.9 33.4 50.2
164 33.4 26.6 39.8

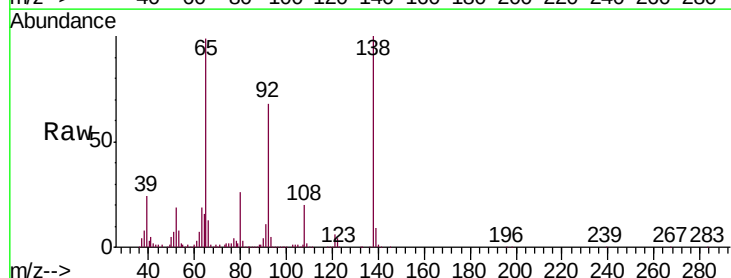


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

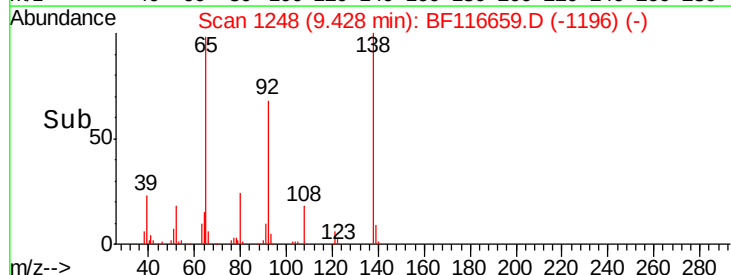
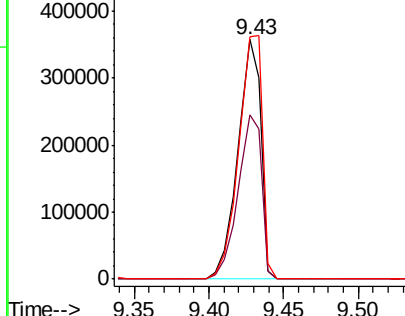


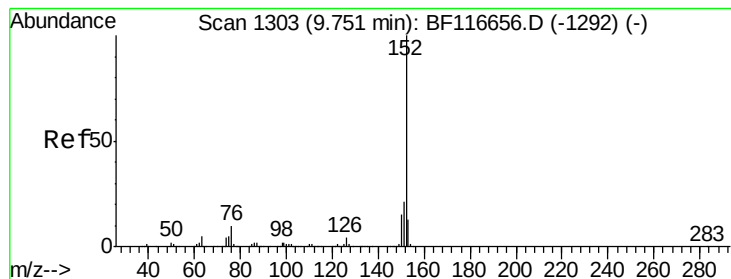
#48
2-Nitroaniline
Concen: 64.860 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Tgt Ion: 65 Resp: 384070
Ion Ratio Lower Upper
65 100
92 68.4 57.1 85.7
138 100.9 88.2 132.2



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





#49

Acenaphthylene

Concen: 64.355 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

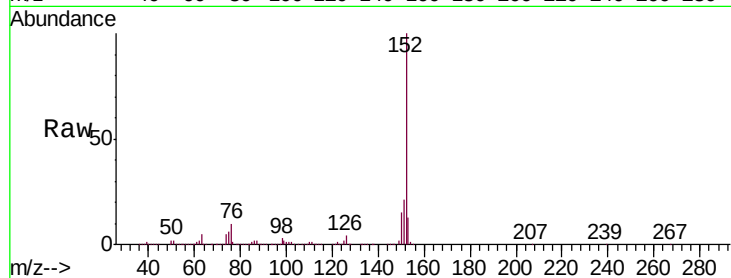
Tot Ion:152 Resp: 1690279

Ion Ratio Lower Upper

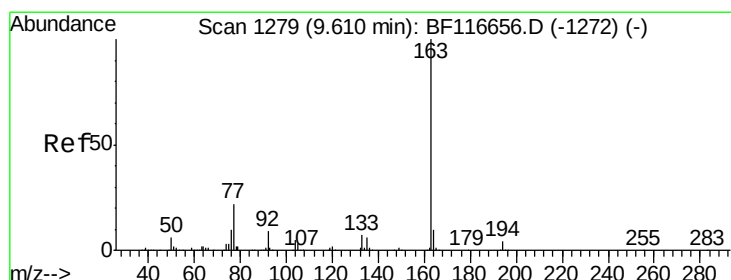
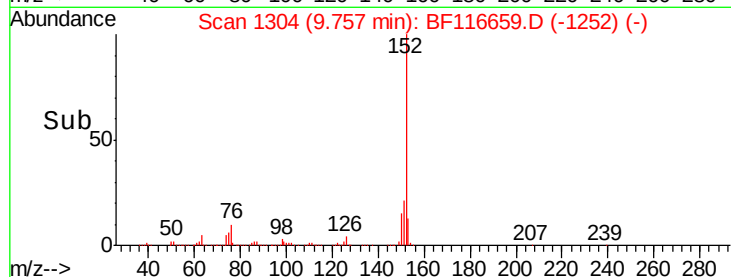
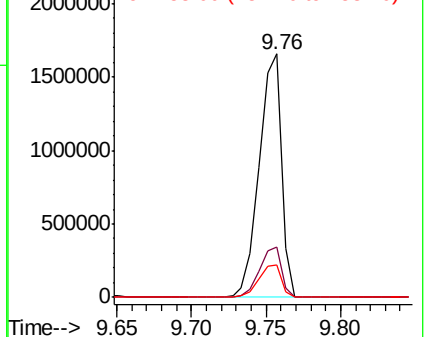
152 100

151 20.9 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: 58.870 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

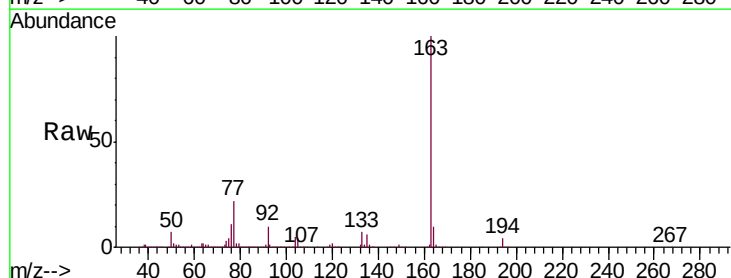
Tgt Ion:163 Resp: 1295063

Ion Ratio Lower Upper

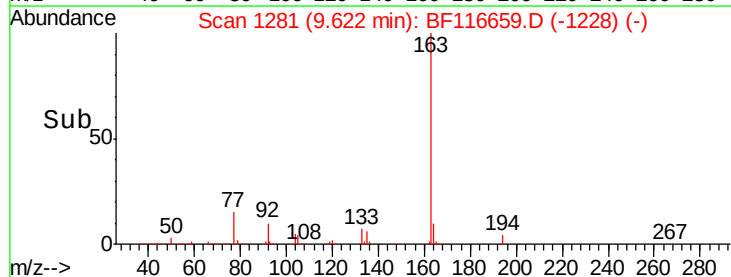
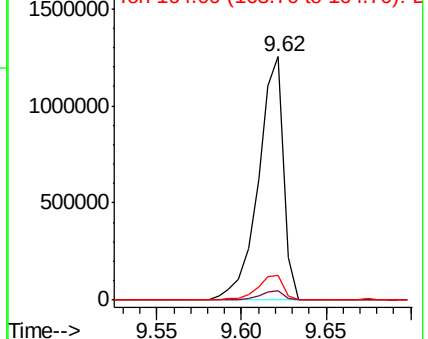
163 100

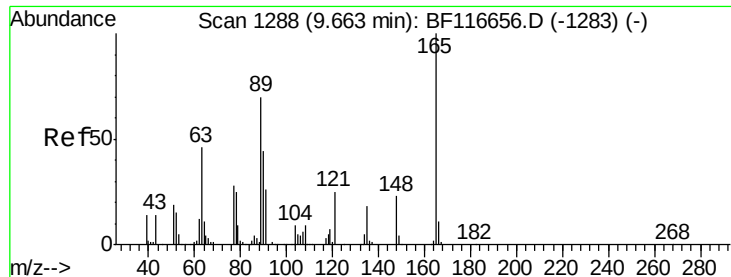
194 3.9 2.8 4.2

164 10.0 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

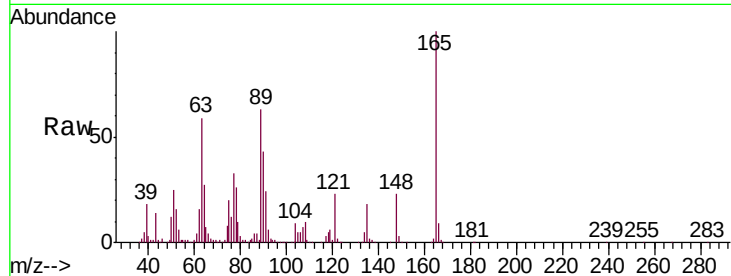




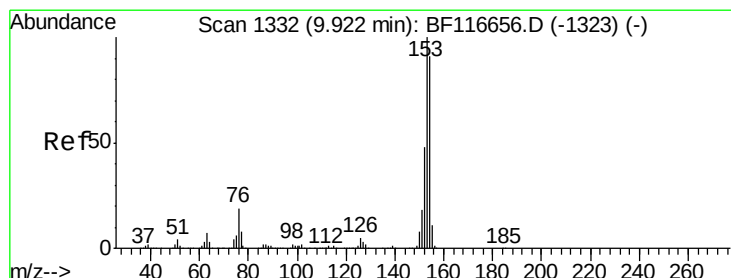
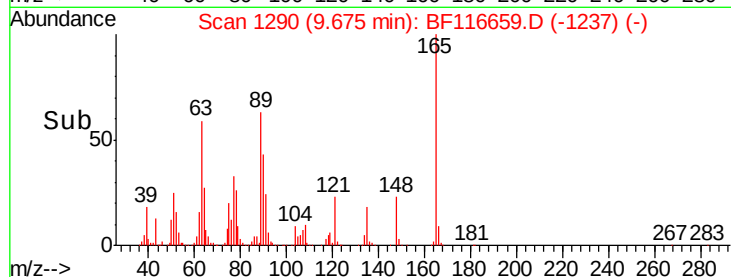
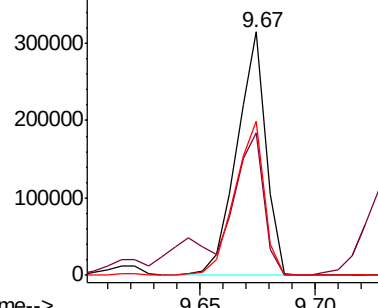
#51
 2,6-Dinitrotoluene
 Concen: 60.940 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF116659.D
 Acq: 30 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 275753
 Ion Ratio Lower Upper
 165 100
 63 58.5 47.3 70.9
 89 63.2 52.5 78.7

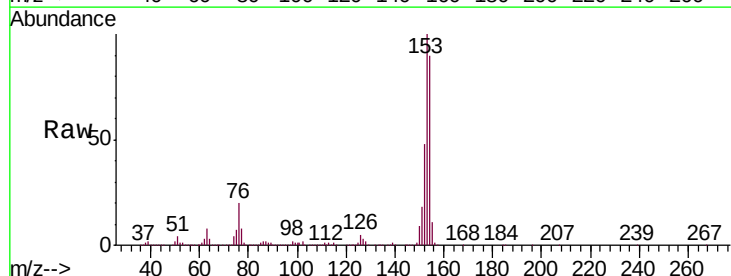


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

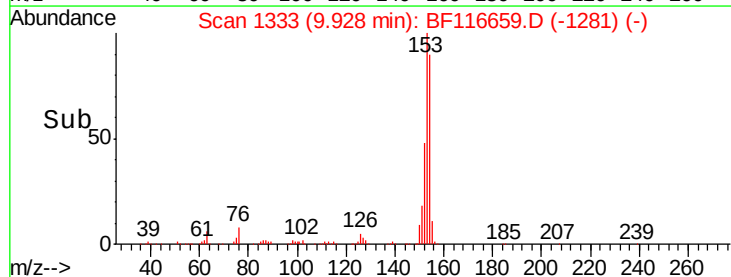
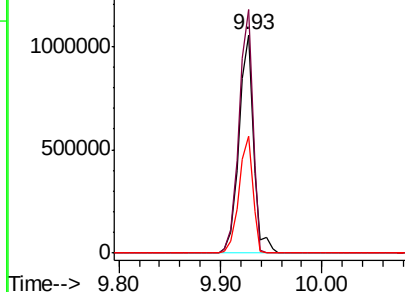


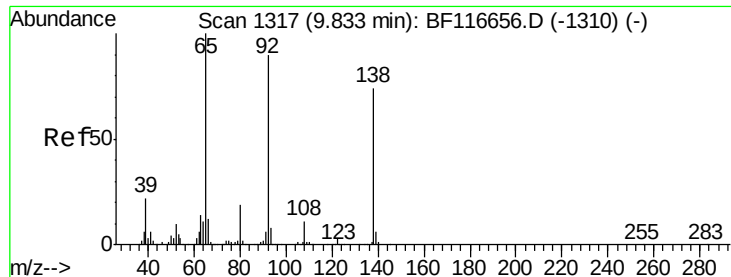
#52
 Acenaphthene
 Concen: 65.777 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF116659.D
 Acq: 30 Aug 2019 18:45

Tgt Ion:154 Resp: 1050024
 Ion Ratio Lower Upper
 154 100
 153 111.6 89.5 134.3
 152 53.4 41.9 62.9



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

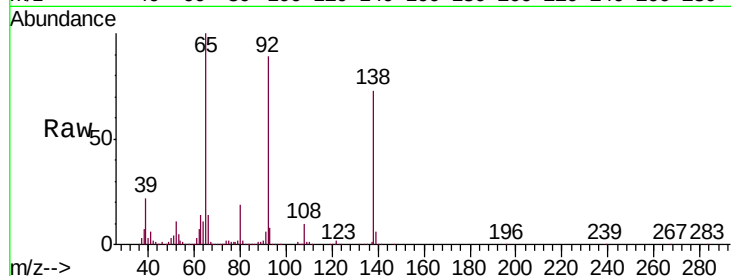




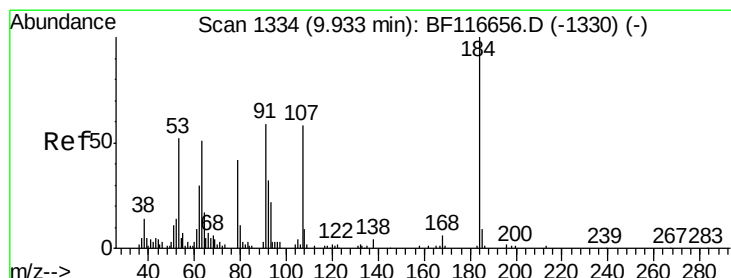
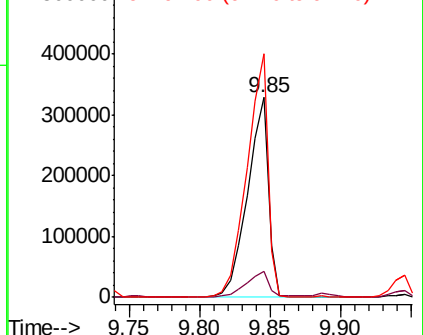
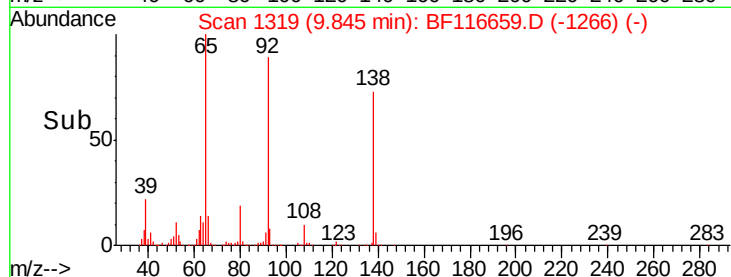
#53
3-Nitroaniline
Concen: 69.591 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 343122
Ion Ratio Lower Upper
138 100
108 13.3 8.5 12.7#
92 121.8 87.2 130.8

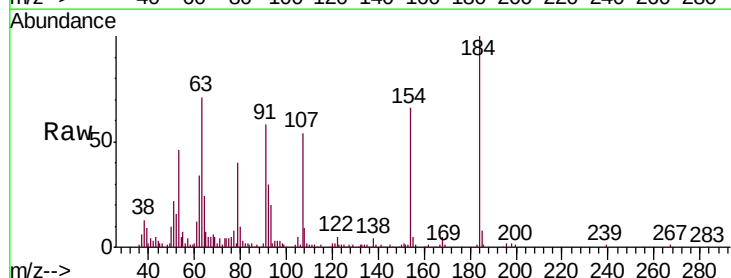


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

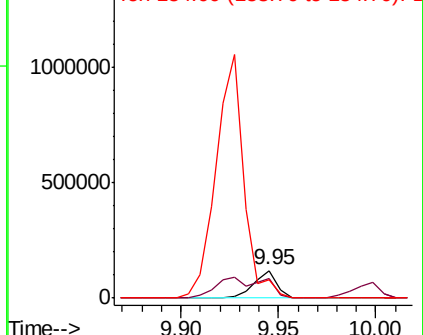
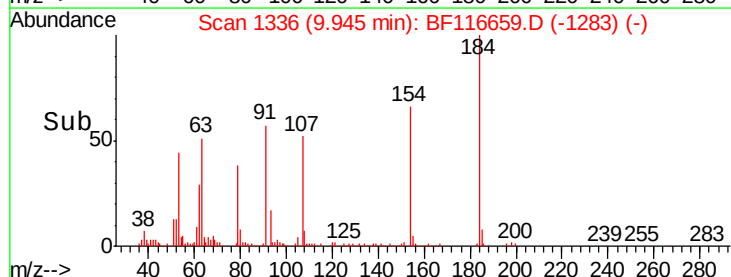


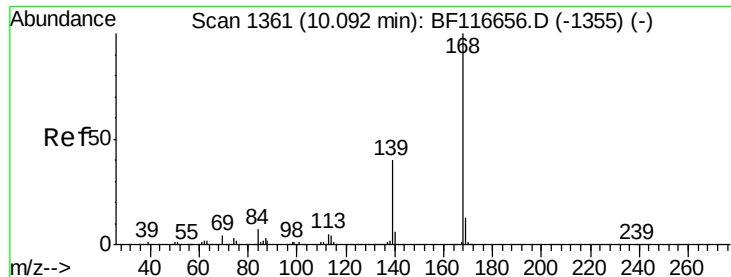
#54
2,4-Dinitrophenol
Concen: 51.495 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Tgt Ion:184 Resp: 97151
Ion Ratio Lower Upper
184 100
63 71.3 52.2 78.2
154 65.7 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: 59.886 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

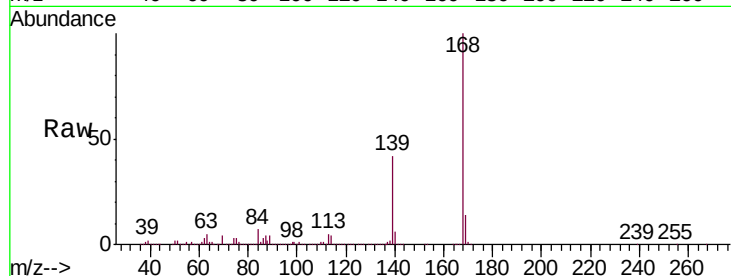
Tot Ion:168 Resp: 1447970

Ion Ratio Lower Upper

168 100

139 42.2 31.5 47.3

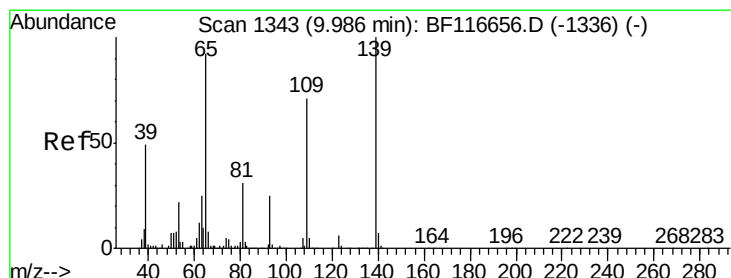
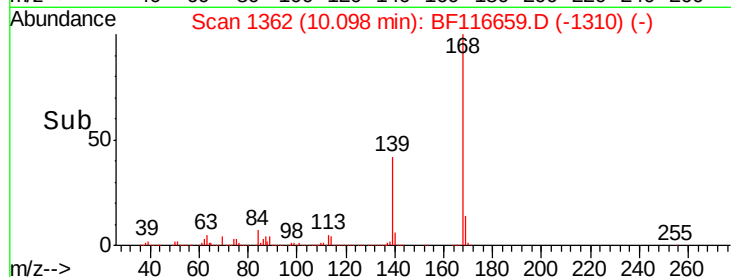
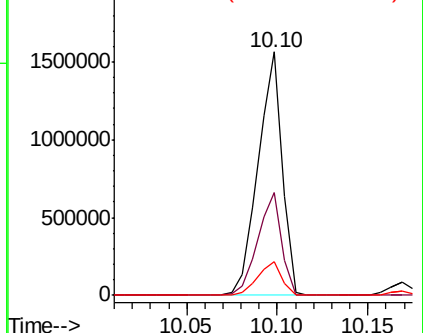
169 13.7 10.3 15.5



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: 72.627 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

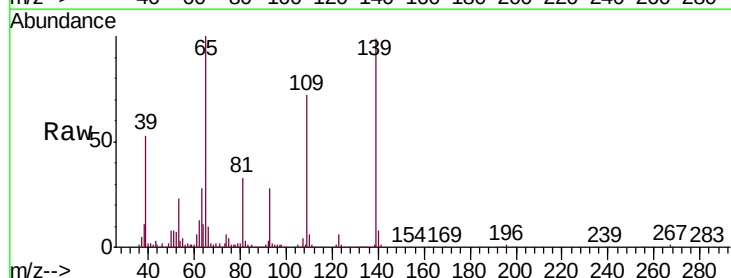
Tgt Ion:139 Resp: 246099

Ion Ratio Lower Upper

139 100

109 72.6 61.7 101.7

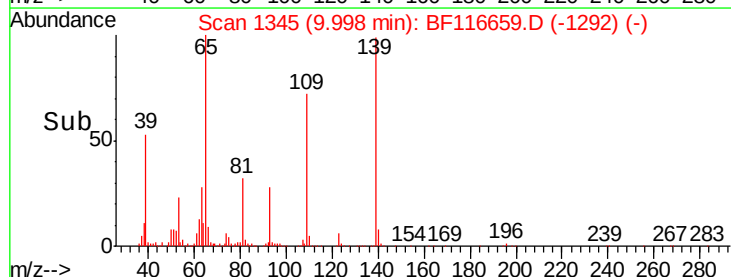
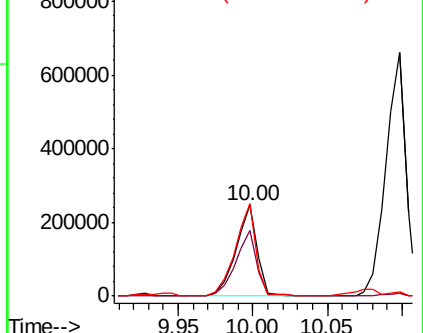
65 101.2 89.1 129.1

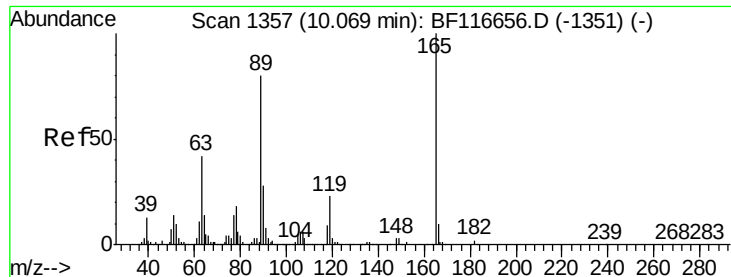


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

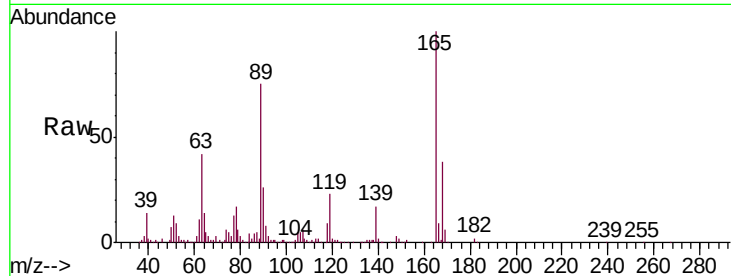




#57
2,4-Dinitrotoluene
Concen: 64.356 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.9	36.4	54.6
89	75.4	62.6	94.0
182	2.4	2.1	3.1



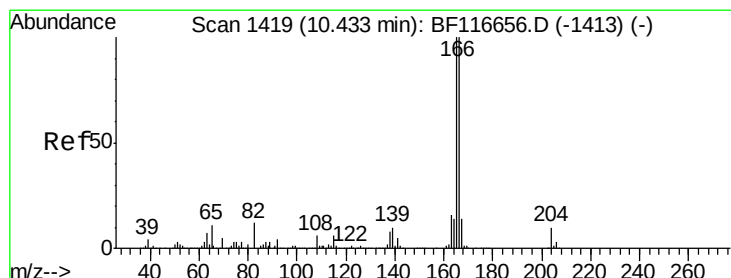
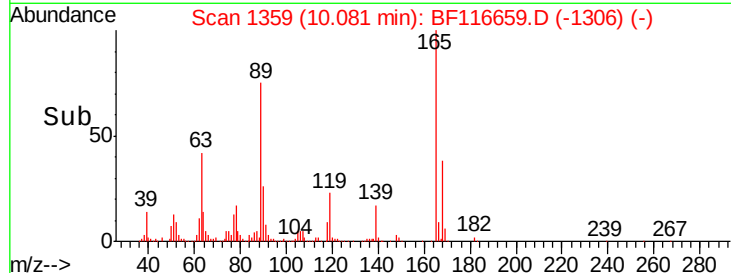
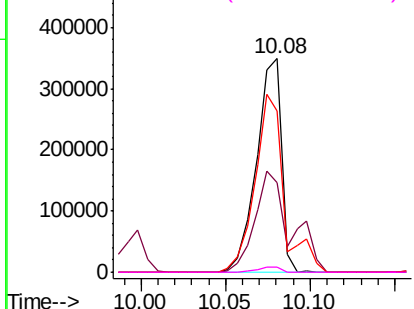
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

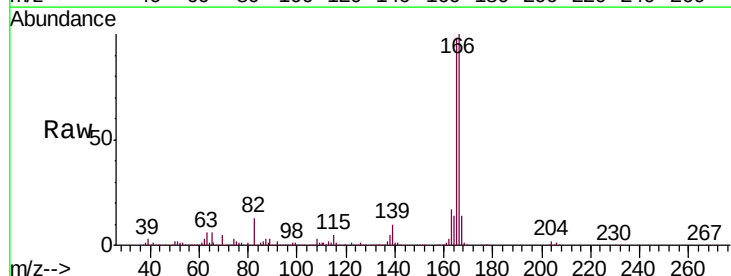
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 55.779 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.8	118.2
167	13.6	10.0	15.0

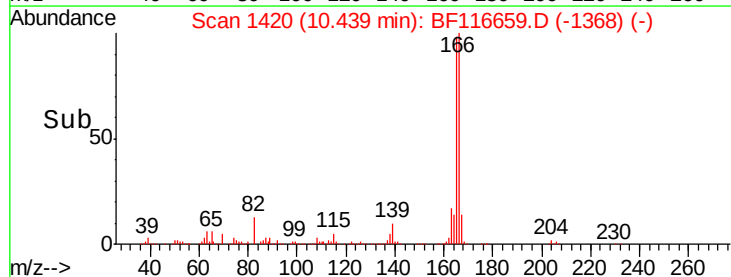
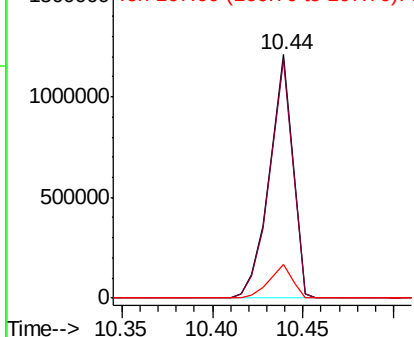


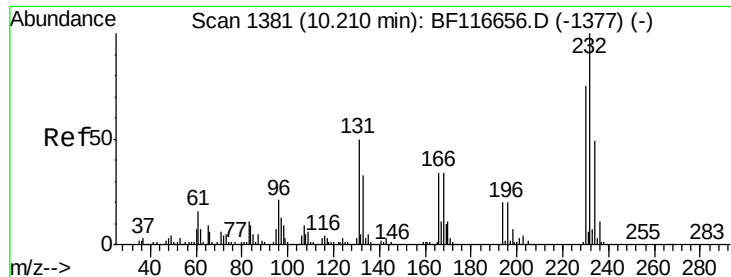
Abundance

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

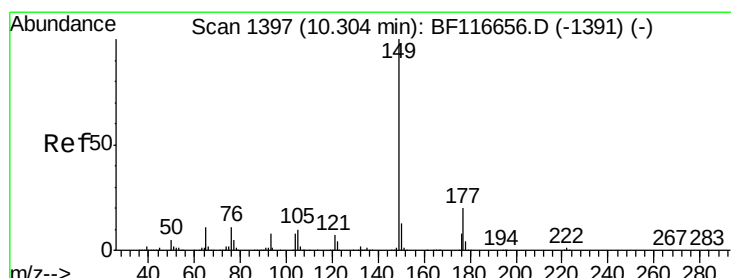
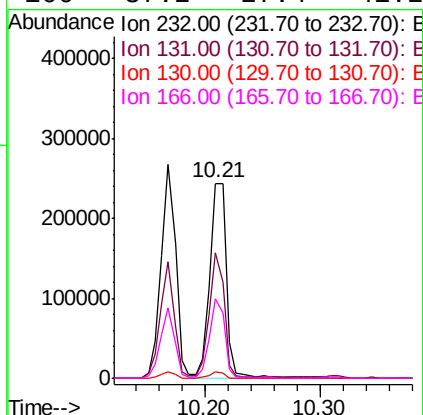
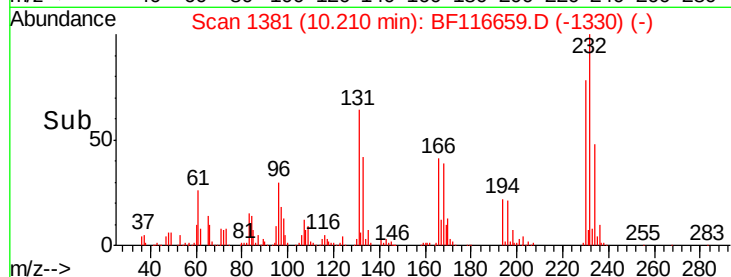
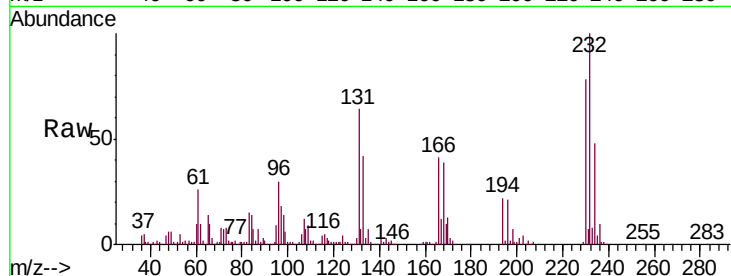




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.899 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

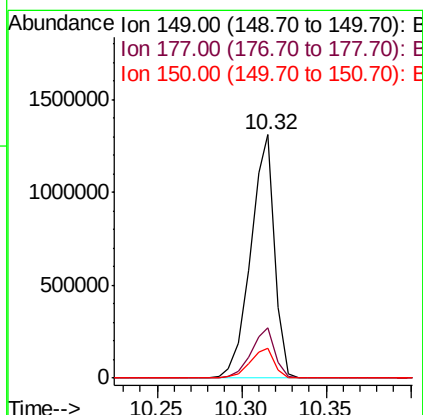
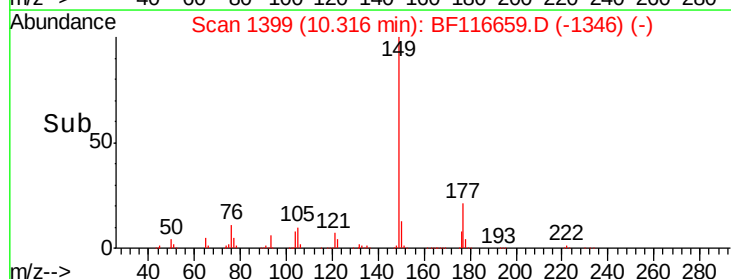
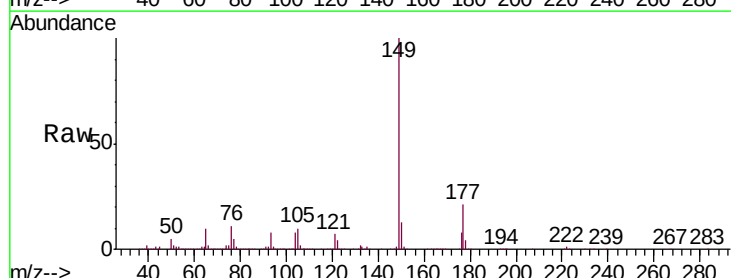
Instrument :
BNA_F
ClientSampleId :

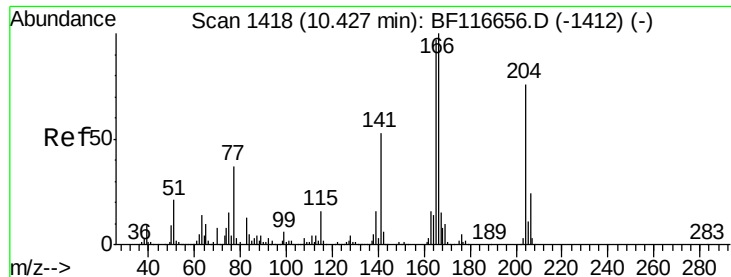
Tot Ion:232 Resp: 245264
Ion Ratio Lower Upper
232 100
131 57.7 42.7 64.1
130 2.9 1.9 2.9
166 37.2 27.4 41.2



#60
Diethylphthalate
Concen: 62.094 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Tgt Ion:149 Resp: 1292414
Ion Ratio Lower Upper
149 100
177 20.9 17.2 25.8
150 12.5 9.7 14.5

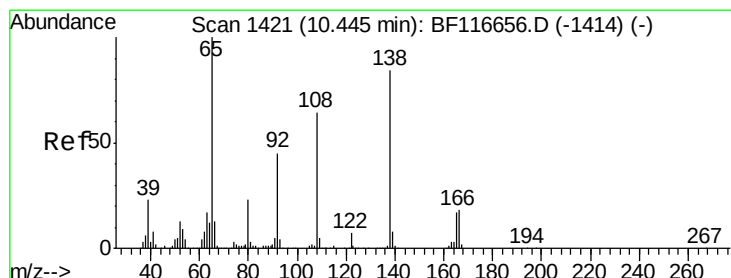
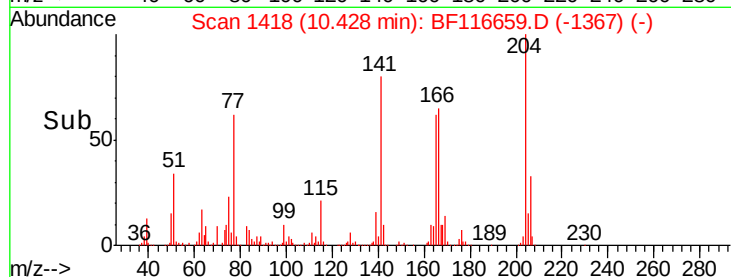
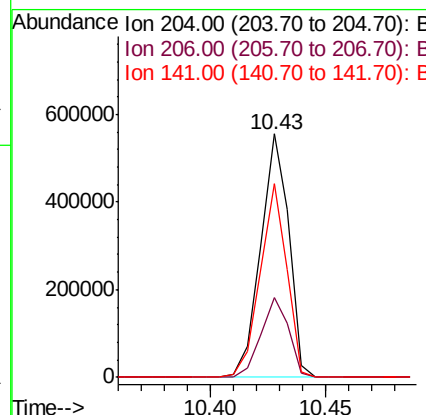
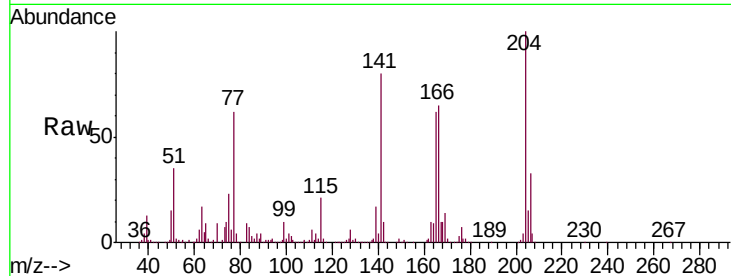




#61
4-Chlorophenyl-phenylether
Concen: 49.001 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

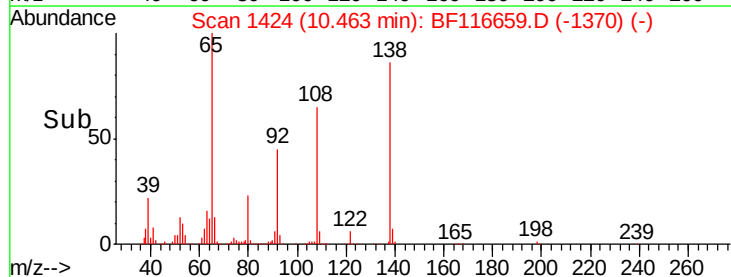
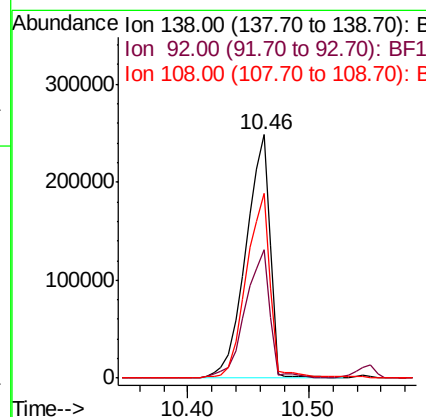
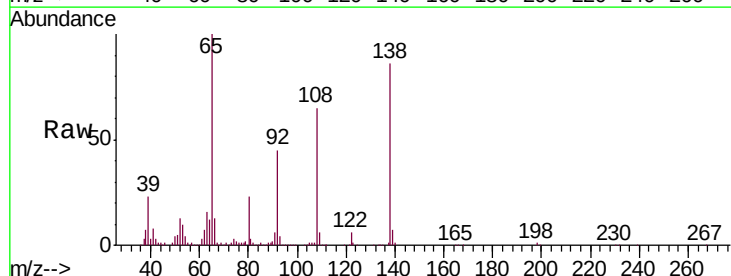
Instrument :
BNA_F
ClientSampleId :

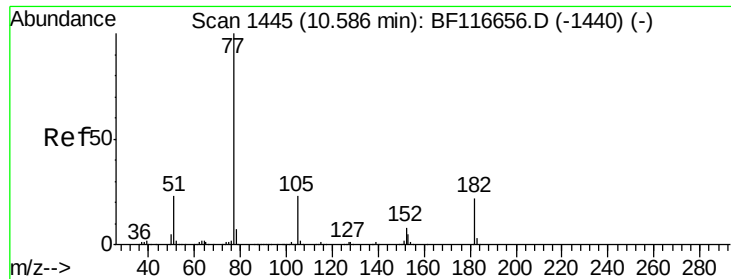
Tot Ion:204 Resp: 471772
Ion Ratio Lower Upper
204 100
206 32.9 25.4 38.2
141 79.8 53.8 80.8



#62
4-Nitroaniline
Concen: 65.049 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.02 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Tgt Ion:138 Resp: 348629
Ion Ratio Lower Upper
138 100
92 52.9 28.7 68.7
108 75.9 60.4 100.4

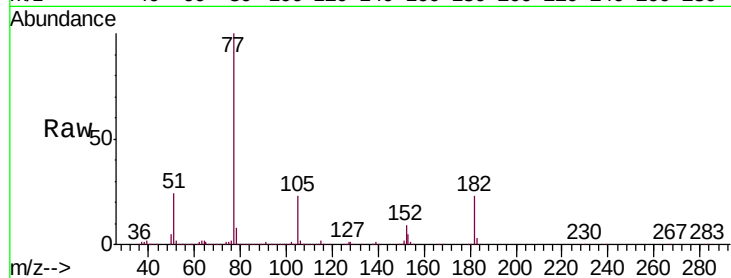




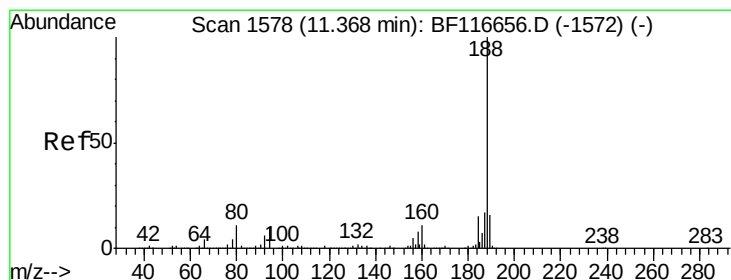
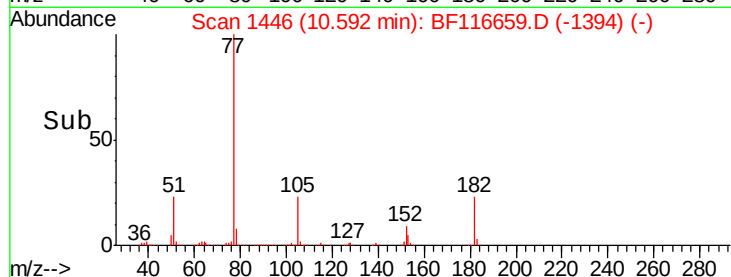
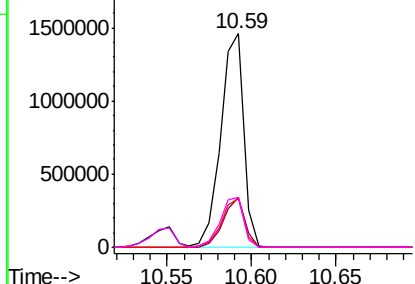
#63
Azobenzene
Concen: 66.367 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1373156
Ion Ratio Lower Upper
77 100
182 23.3 1.2 41.2
105 22.7 0.6 40.6
51 23.5 8.2 48.2

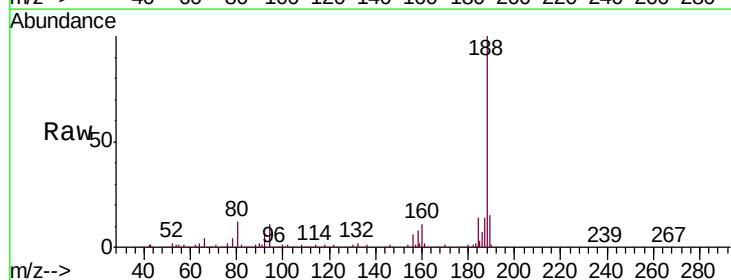


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

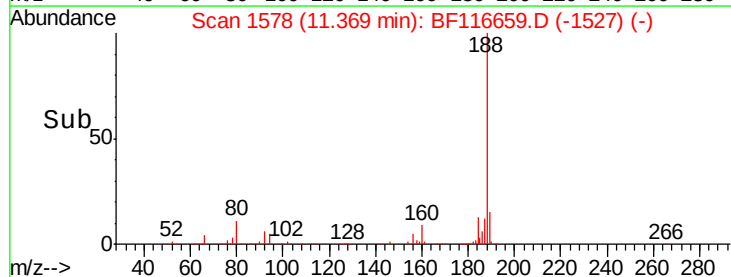
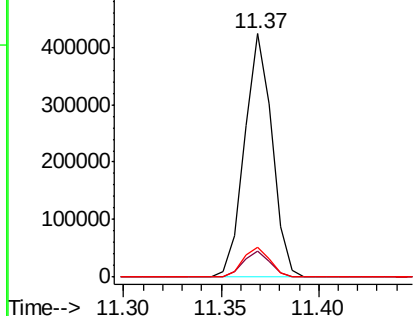


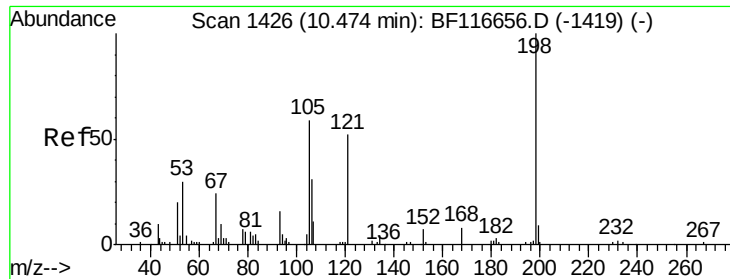
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Tgt Ion: 188 Resp: 412310
Ion Ratio Lower Upper
188 100
94 10.9 7.3 10.9#
80 12.0 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: 58.514 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampled :

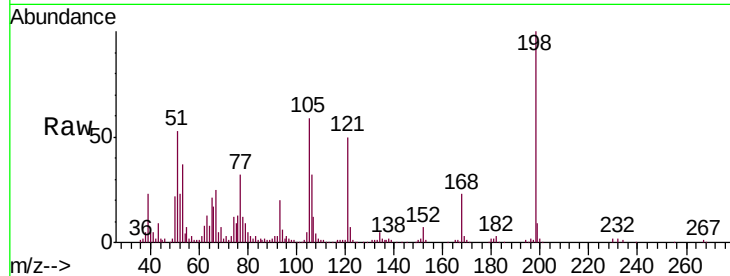
Tot Ion:198 Resp: 130226

Ion Ratio Lower Upper

198 100

51 52.5 18.4 58.4

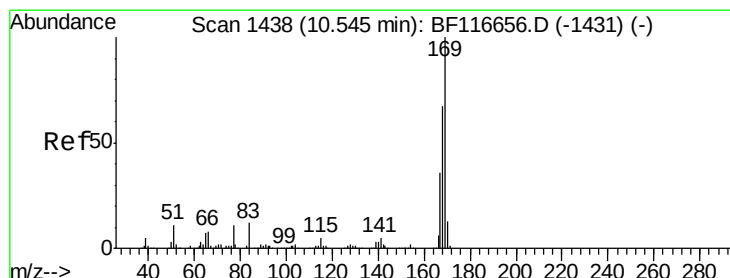
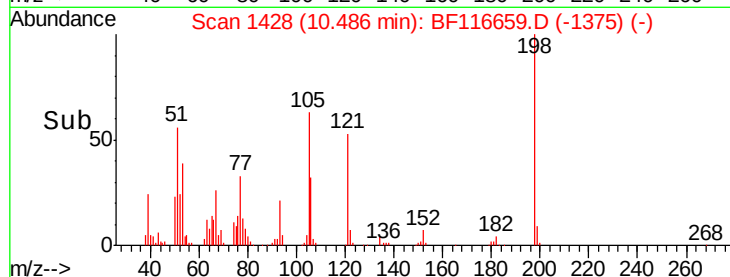
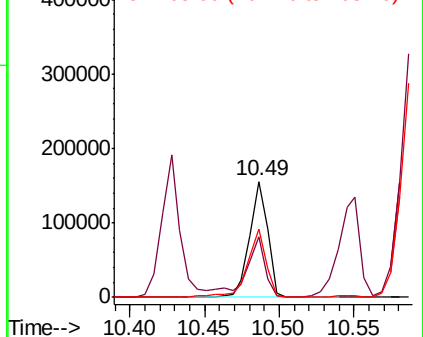
105 59.0 22.9 62.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 74.398 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

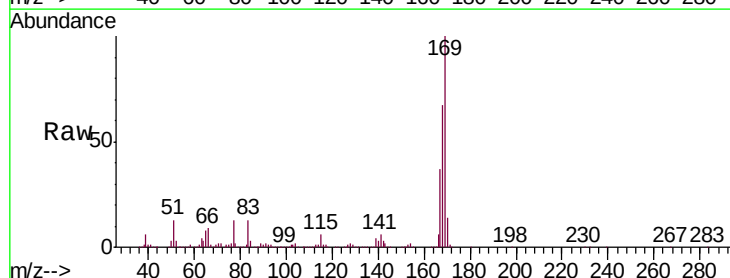
Tgt Ion:169 Resp: 1019660

Ion Ratio Lower Upper

169 100

168 67.2 55.8 83.6

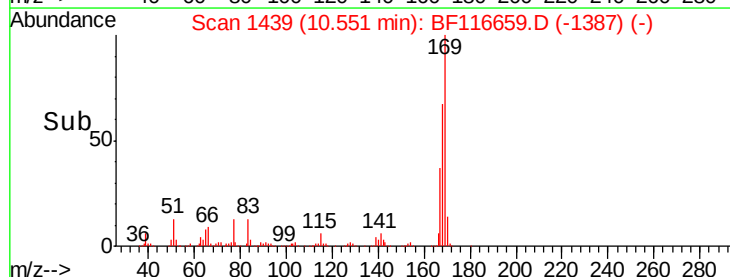
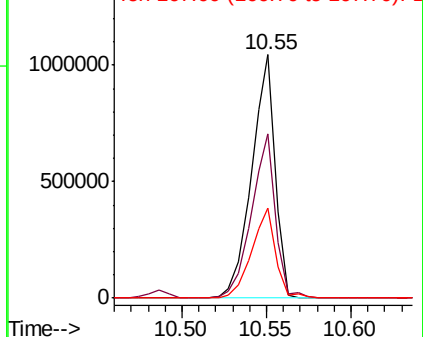
167 37.0 29.4 44.2

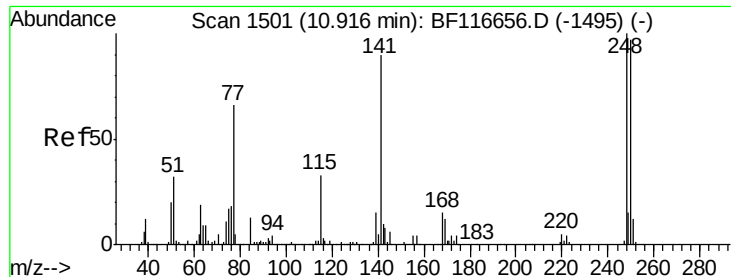


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

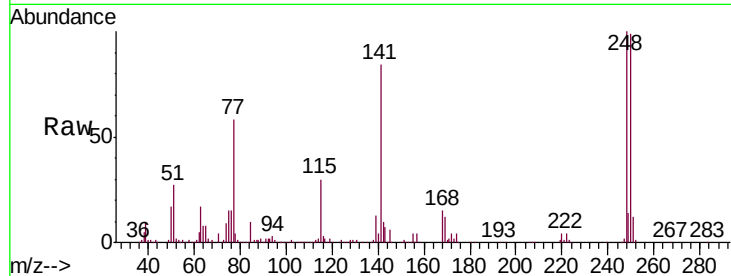




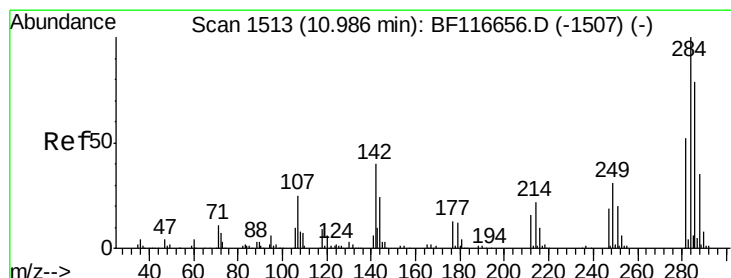
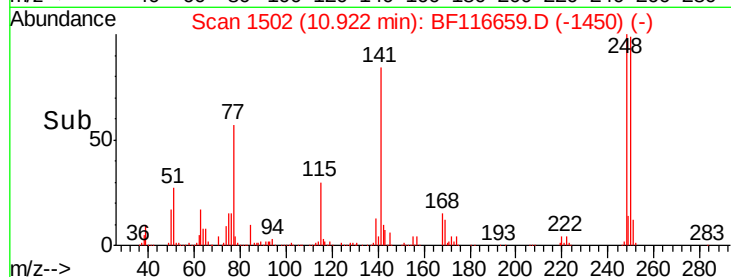
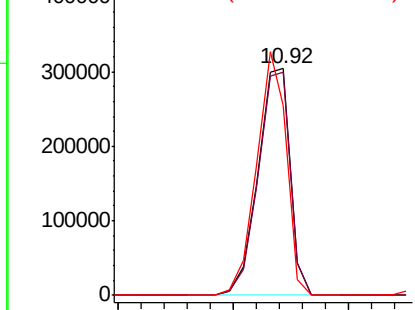
#67
4-Bromophenyl-phenylether
Concen: 63.090 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 295986
Ion Ratio Lower Upper
248 100
250 98.5 77.8 116.8
141 83.7 75.9 113.9

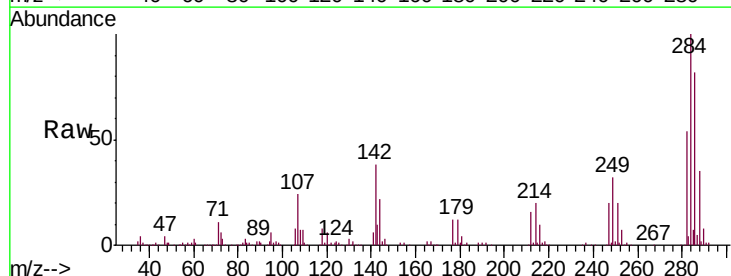


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

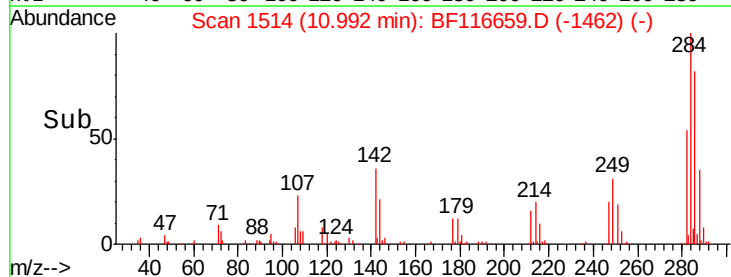
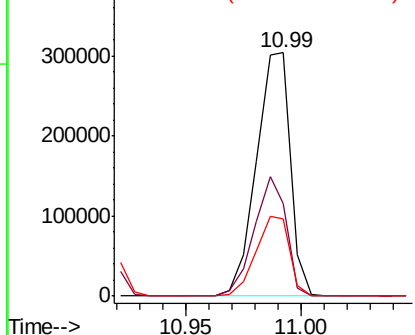


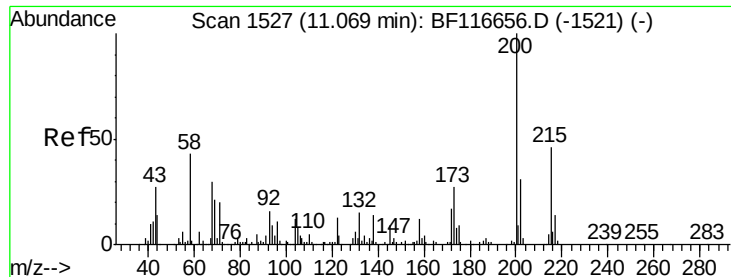
#68
Hexachlorobenzene
Concen: 60.439 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Tgt Ion:284 Resp: 312285
Ion Ratio Lower Upper
284 100
142 38.0 34.0 51.0
249 31.5 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: 66.206 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

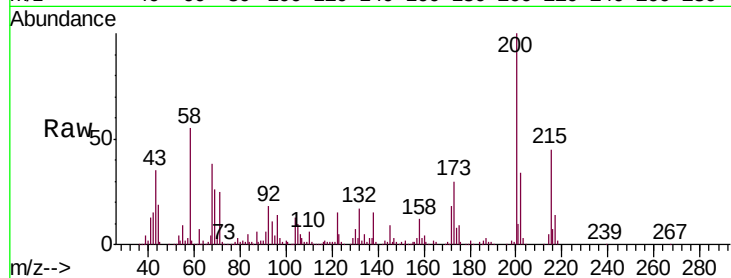
Tot Ion:200 Resp: 276069

Ion Ratio Lower Upper

200 100

173 29.7 6.2 46.2

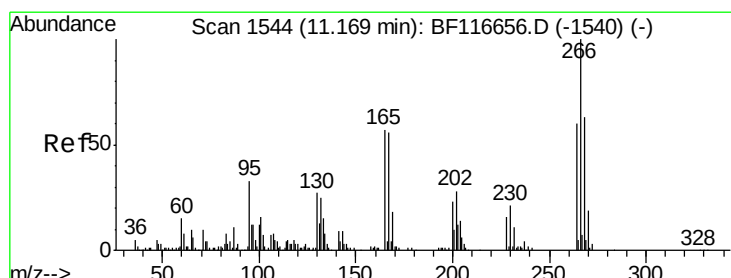
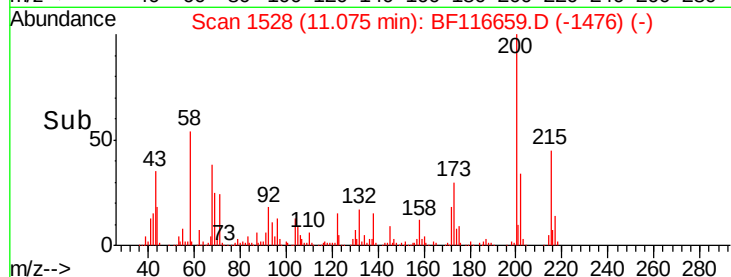
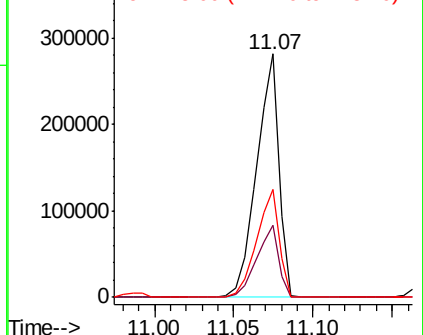
215 44.6 24.3 64.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 56.494 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

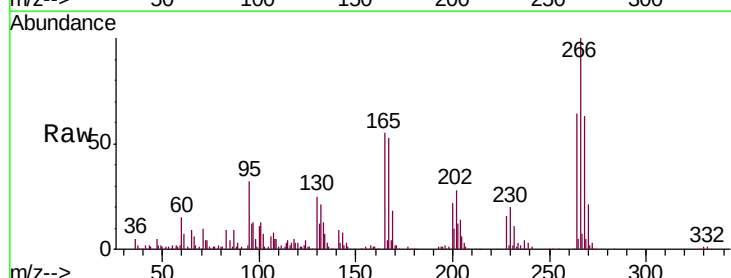
Tgt Ion:266 Resp: 170830

Ion Ratio Lower Upper

266 100

268 62.8 51.2 76.8

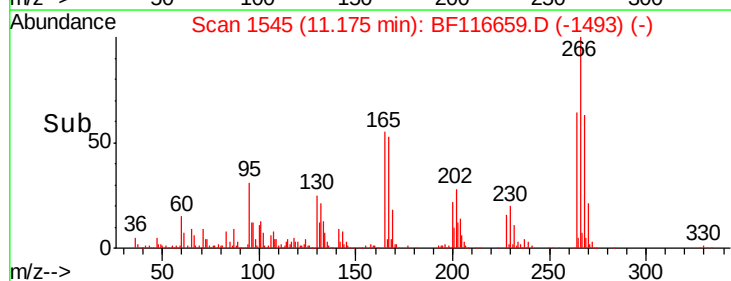
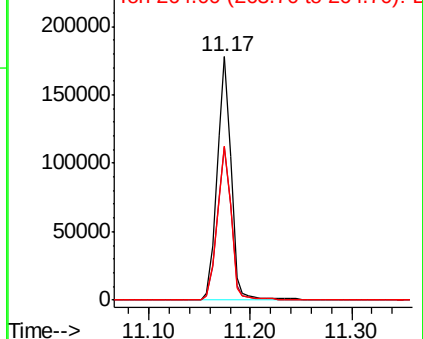
264 63.5 51.9 77.9

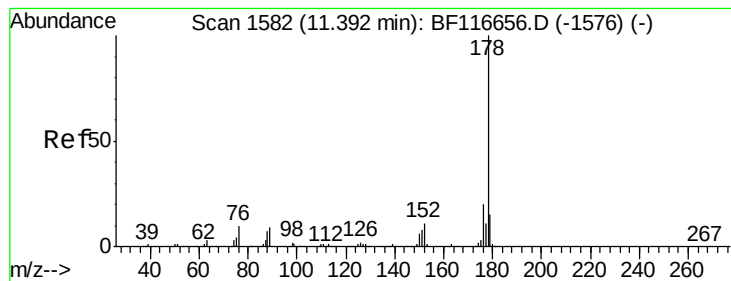


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 69.753 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

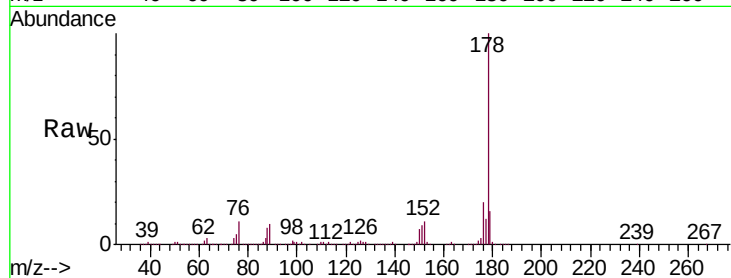
Tot Ion:178 Resp: 1615880

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

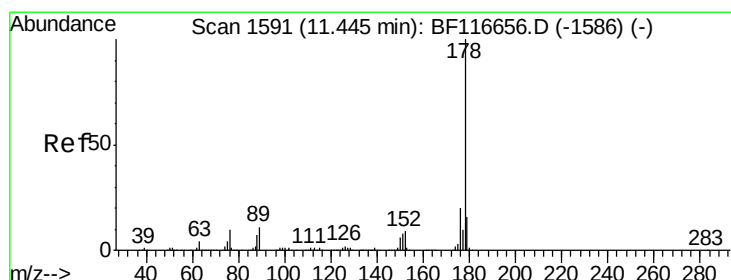
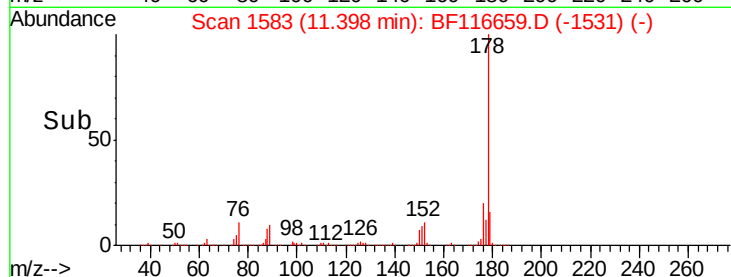
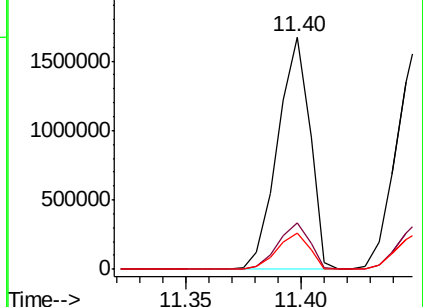
179 15.6 12.2 18.2



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: 68.433 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

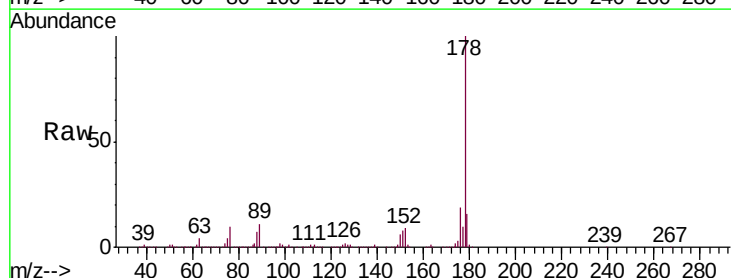
Tgt Ion:178 Resp: 1618861

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

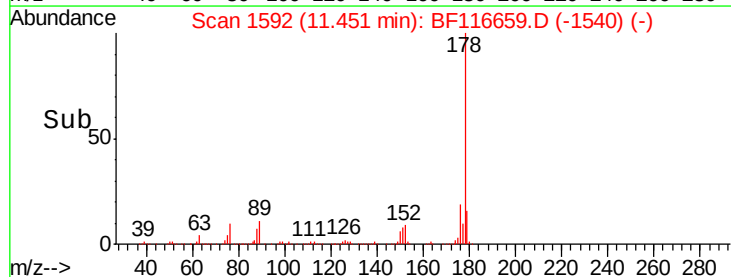
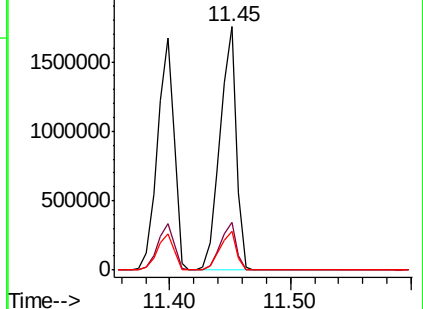
179 15.7 12.5 18.7

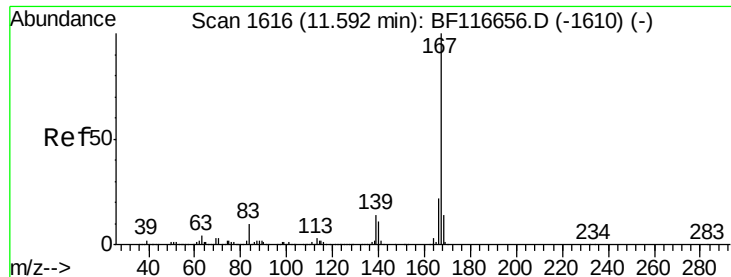


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



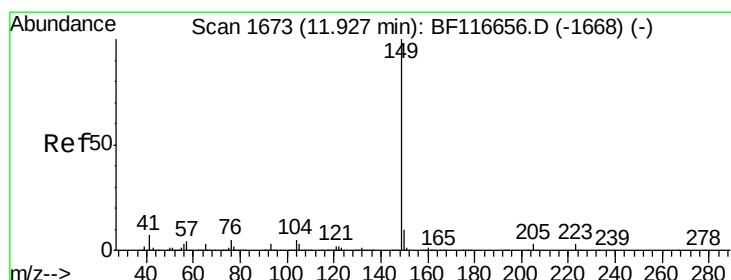
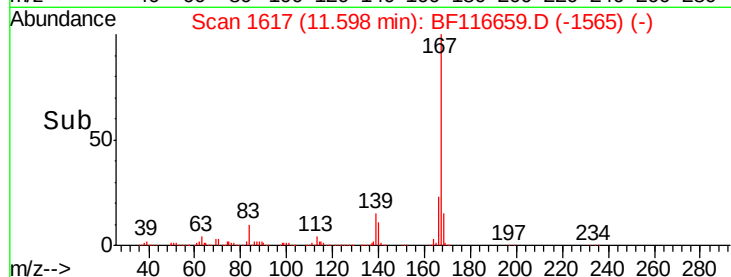
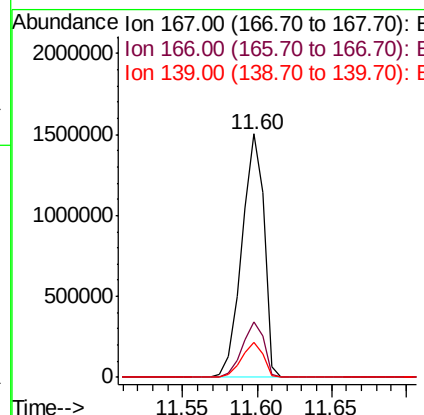
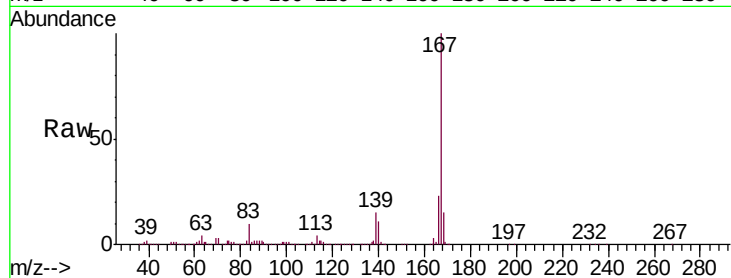


#73
 Carbazole
 Concen: 74.763 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BF116659.D
 Acq: 30 Aug 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1566022

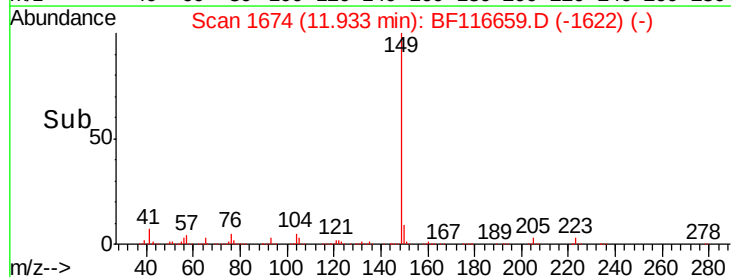
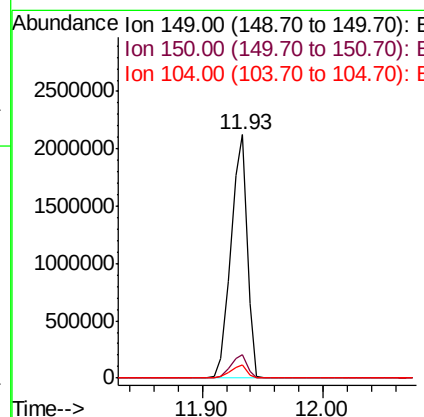
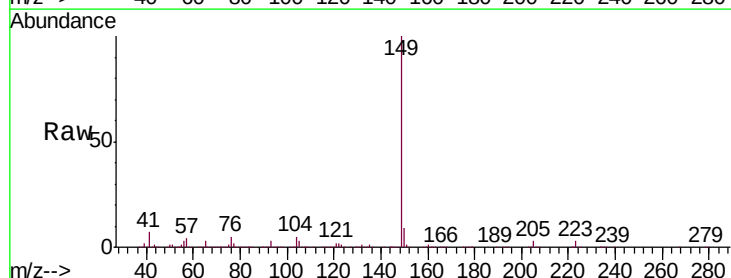
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	14.6	11.1	16.7

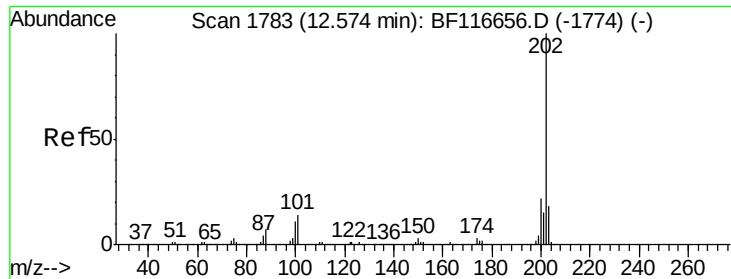


#74
 Di-n-butylphthalate
 Concen: 71.865 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. 0.01 min
 Lab File: BF116659.D
 Acq: 30 Aug 2019 18:45

Tgt Ion:149 Resp: 1978334

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.2	10.8
104	5.4	4.2	6.2





#75

Fluoranthene

Concen: 67.635 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

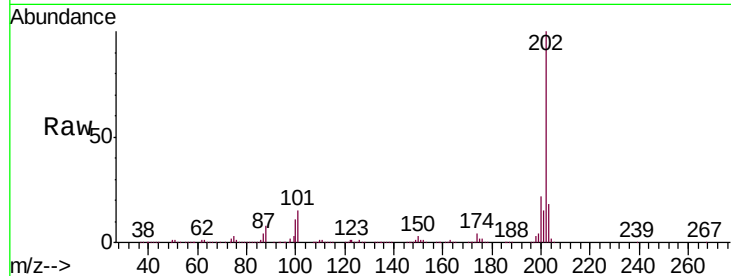
Tot Ion:202 Resp: 1598347

Ion Ratio Lower Upper

202 100

101 15.0 0.0 31.3

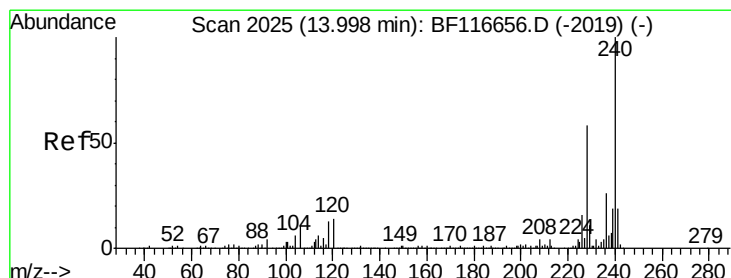
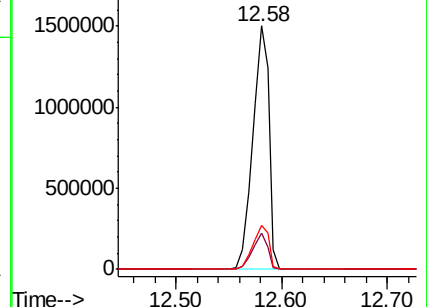
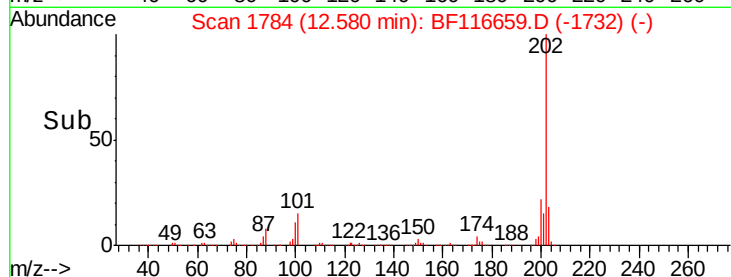
203 18.3 0.0 37.6



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# 2026

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

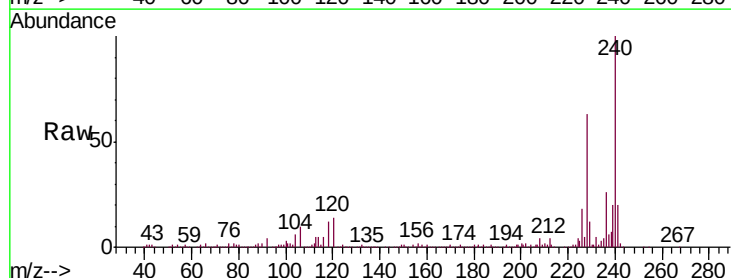
Tgt Ion:240 Resp: 246551

Ion Ratio Lower Upper

240 100

120 14.2 9.1 13.7#

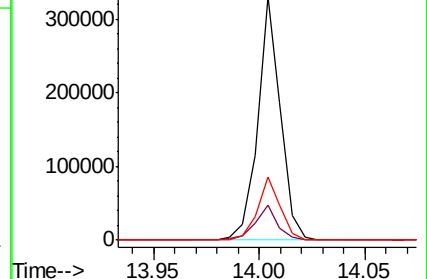
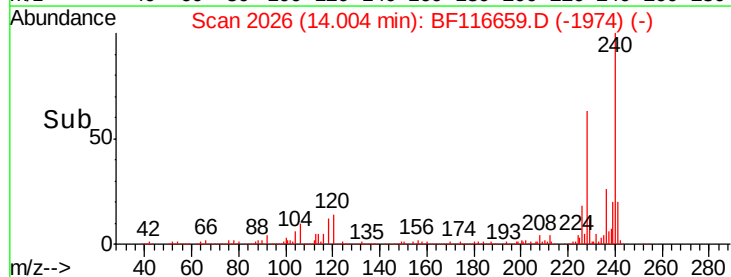
236 26.1 21.1 31.7

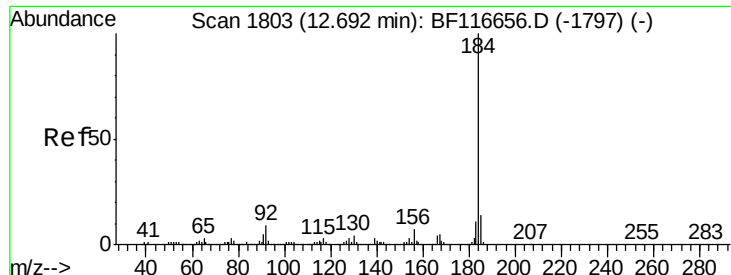


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 77.138 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

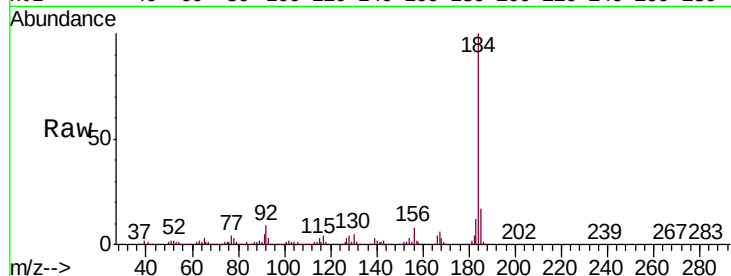
Tot Ion:184 Resp: 647129

Ion Ratio Lower Upper

184 100

185 16.8 11.3 16.9

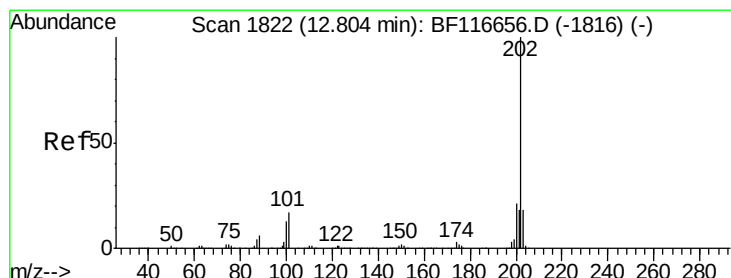
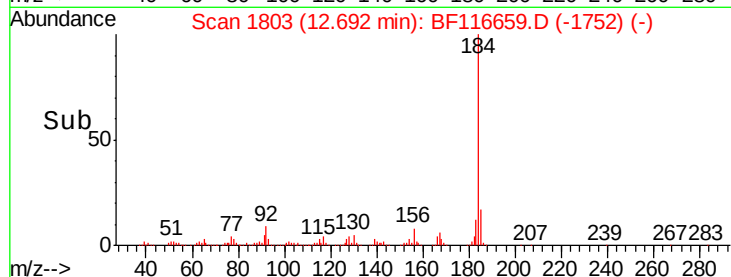
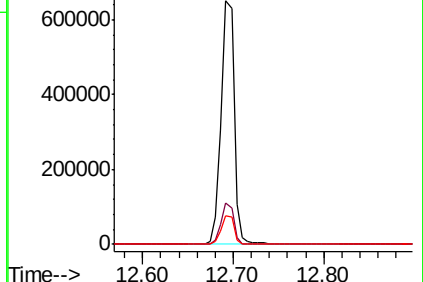
183 11.9 9.2 13.8



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: 67.360 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

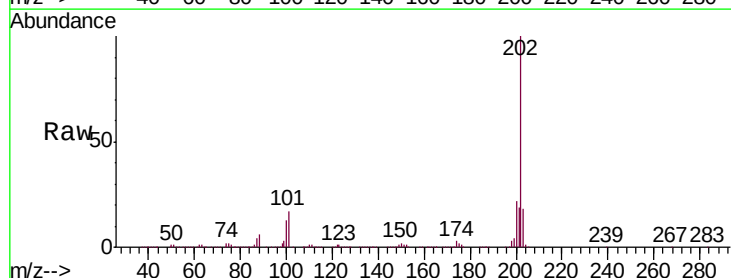
Tgt Ion:202 Resp: 1617302

Ion Ratio Lower Upper

202 100

200 22.1 16.5 24.7

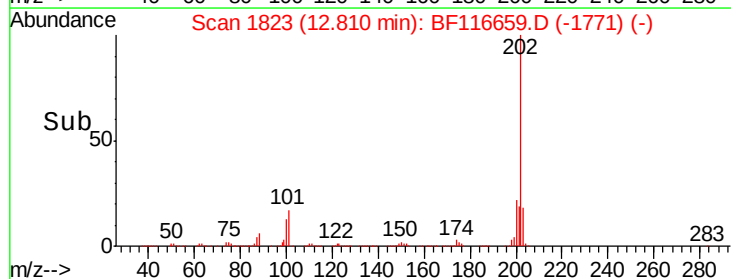
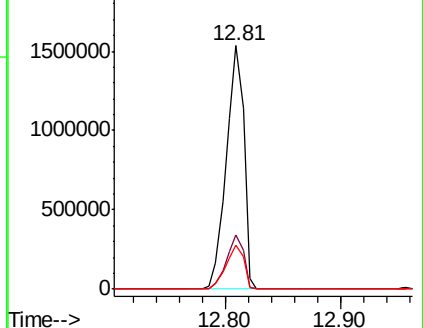
203 17.8 13.7 20.5

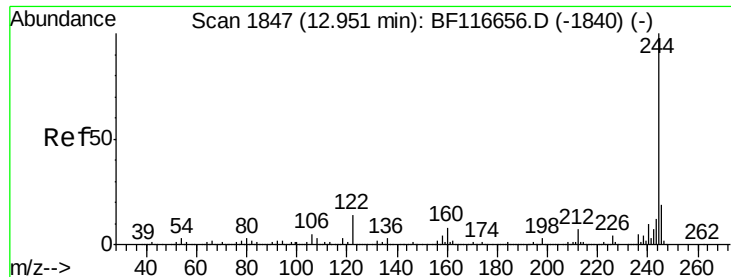


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 124.697 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

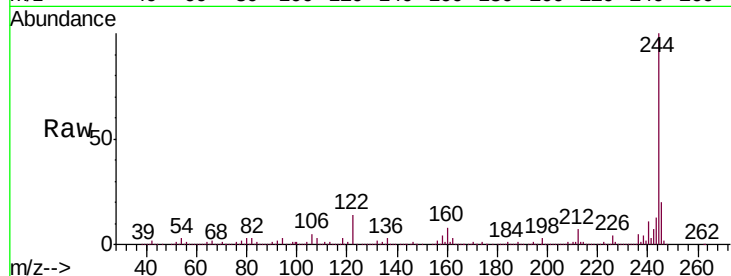
Tot Ion:244 Resp: 1897975

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

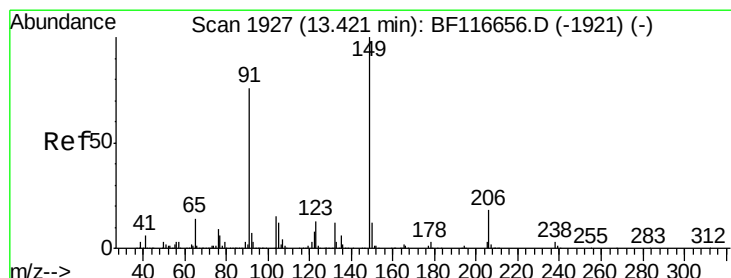
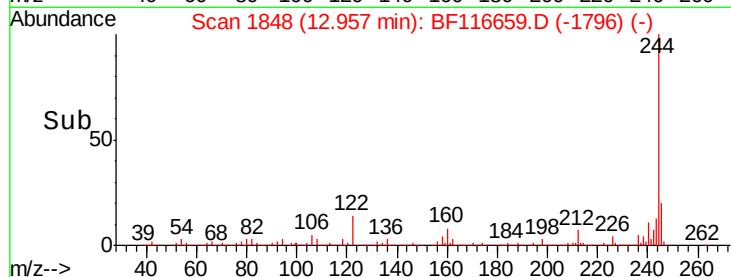
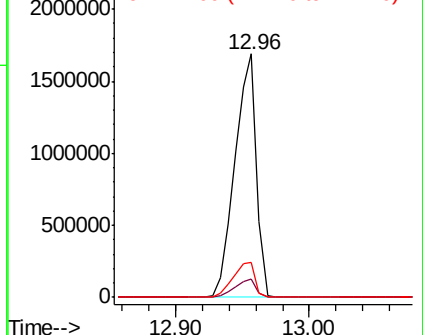
122 14.3 10.2 15.4



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: 84.492 ng

RT: 13.42 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

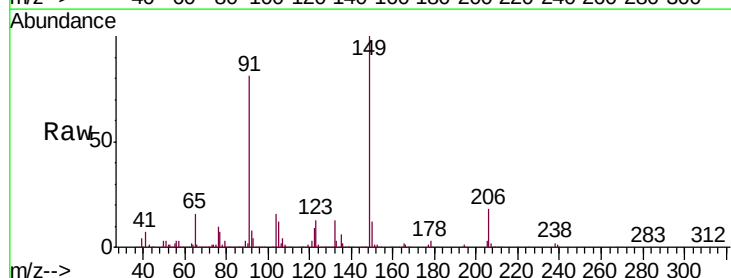
Tgt Ion:149 Resp: 819594

Ion Ratio Lower Upper

149 100

91 81.3 61.0 91.4

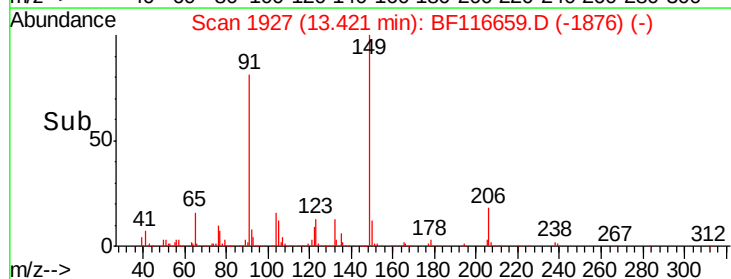
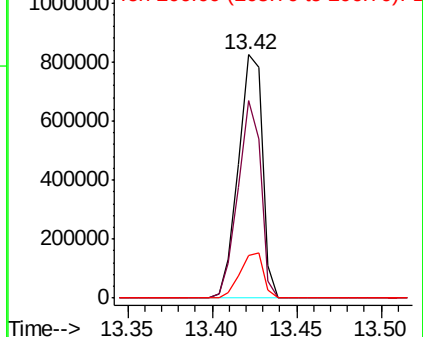
206 17.6 14.8 22.2

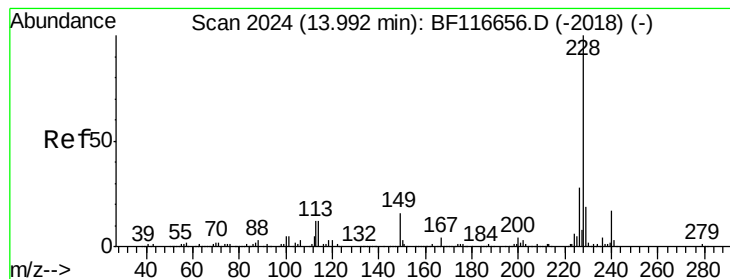


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 67.619 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

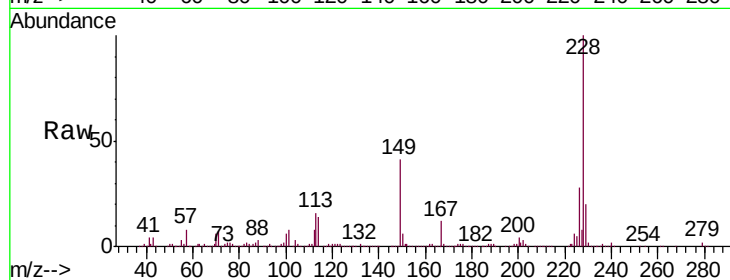
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1129310

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.0	33.0
229	19.8	16.4	24.6

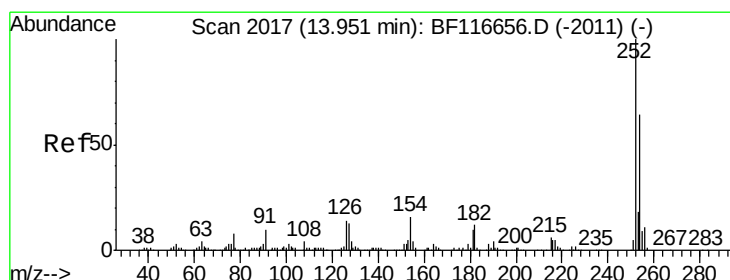
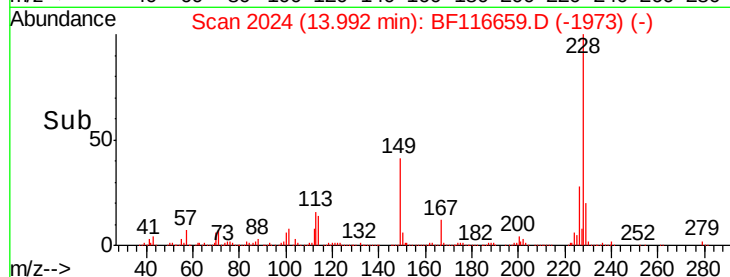
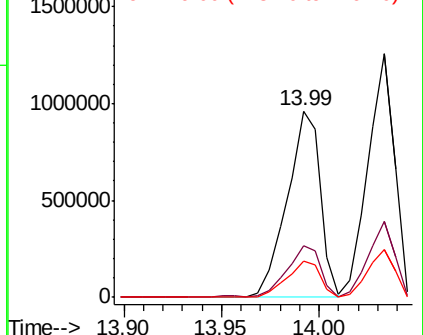


Abundance

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: 68.482 ng

RT: 13.96 min Scan# 2018

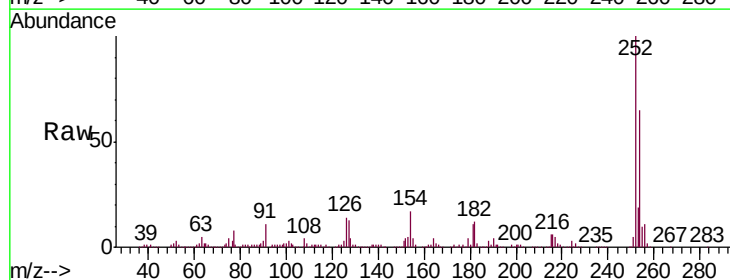
Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Tgt Ion:252 Resp: 376346

Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.1	75.1
126	14.0	10.6	16.0

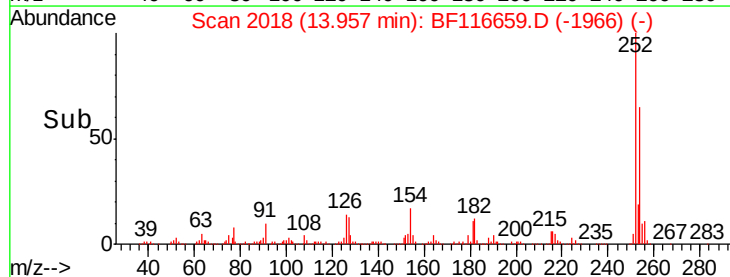
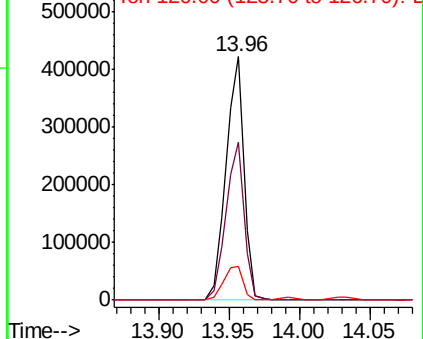


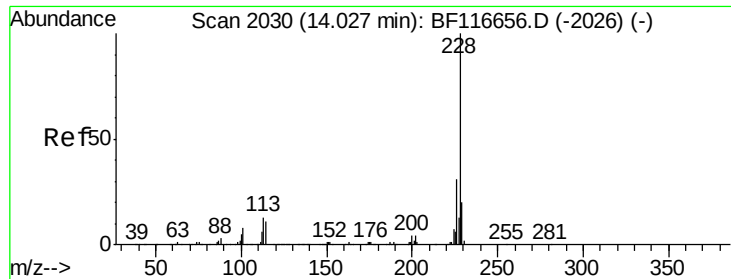
Abundance

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

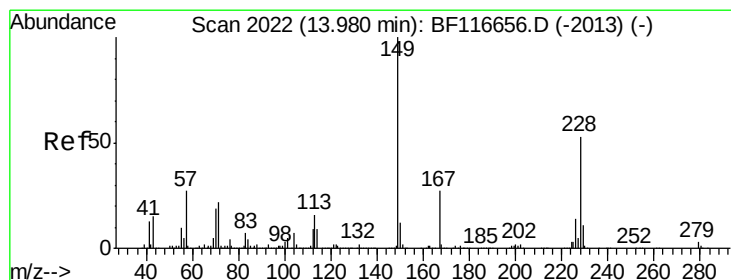
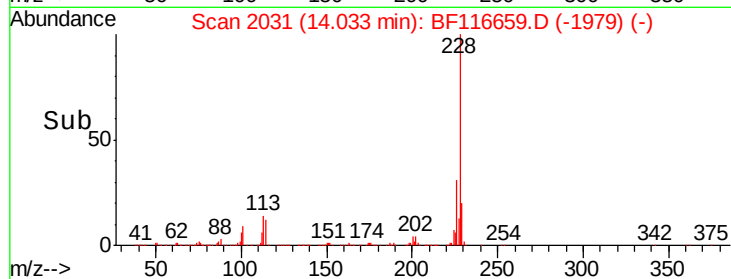
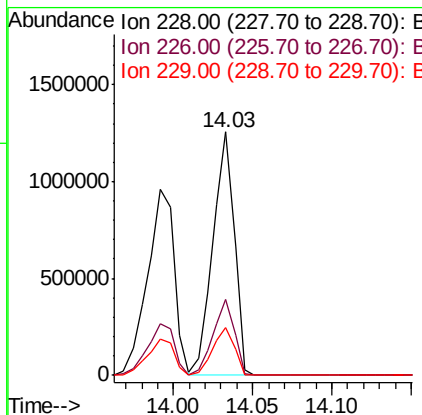
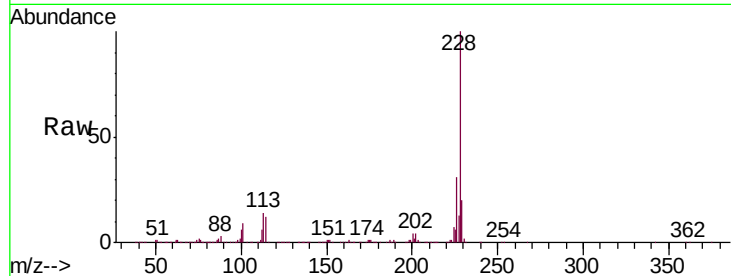




#83
 Chrysene
 Concen: 72.763 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BF116659.D
 Acq: 30 Aug 2019 18:45

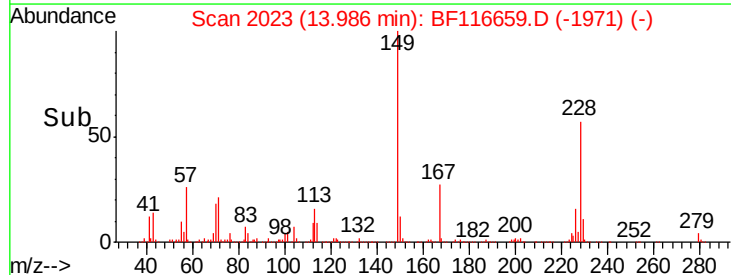
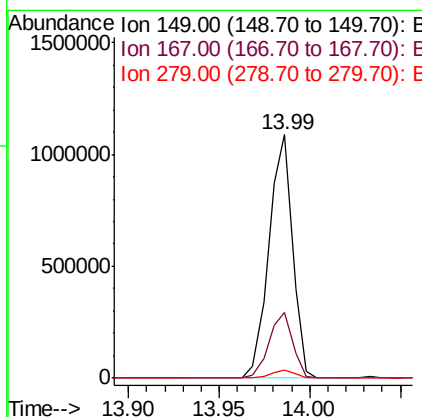
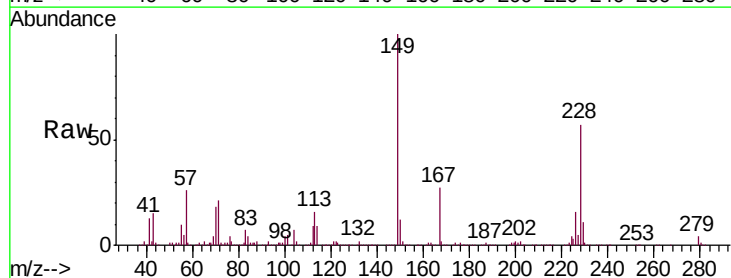
Instrument :
 BNA_F
 ClientSampleId :

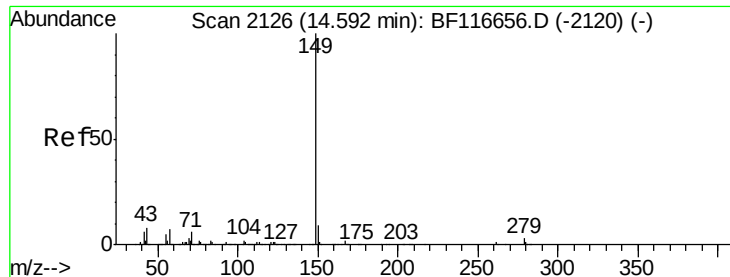
Tot Ion:228 Resp: 1184209
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.0 36.0
 229 19.9 15.4 23.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 79.330 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF116659.D
 Acq: 30 Aug 2019 18:45

Tgt Ion:149 Resp: 985199
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.0 31.4
 279 3.5 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 87.169 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

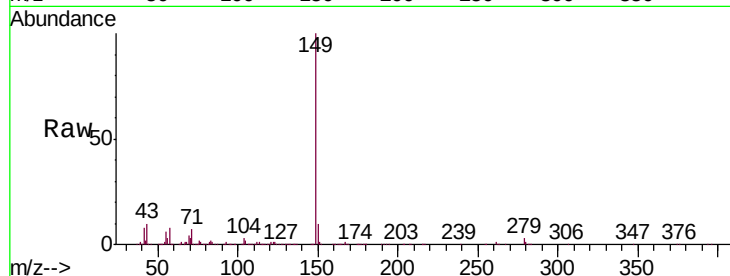
Tot Ion:149 Resp: 1633575

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

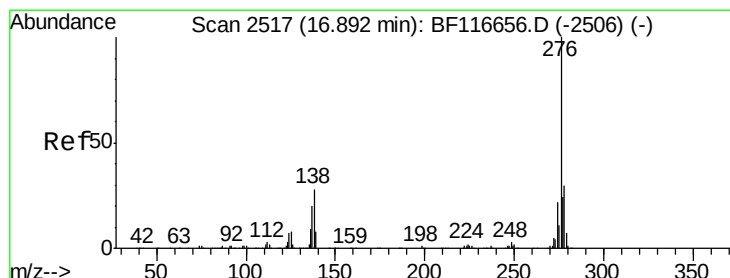
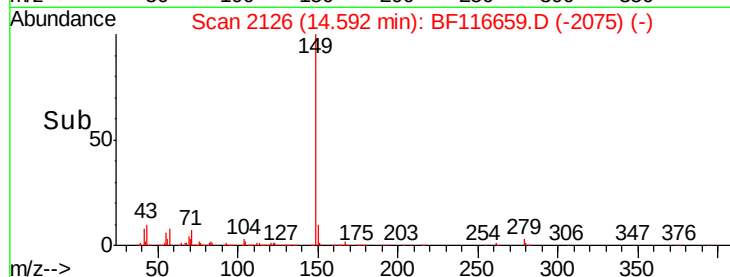
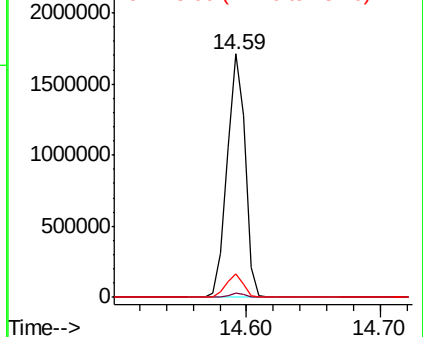
43 9.1 7.8 11.8



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: 67.203 ng

RT: 16.90 min Scan# 2519

Delta R.T. 0.01 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

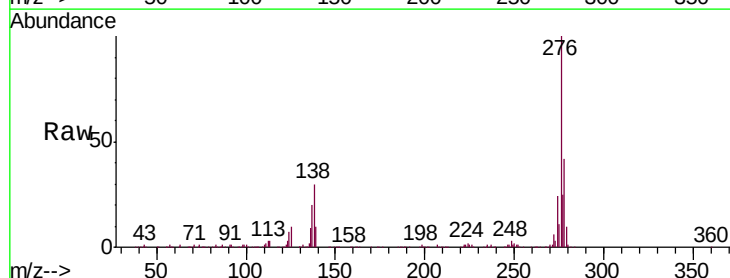
Tgt Ion:276 Resp: 947732

Ion Ratio Lower Upper

276 100

138 31.5 19.4 29.2#

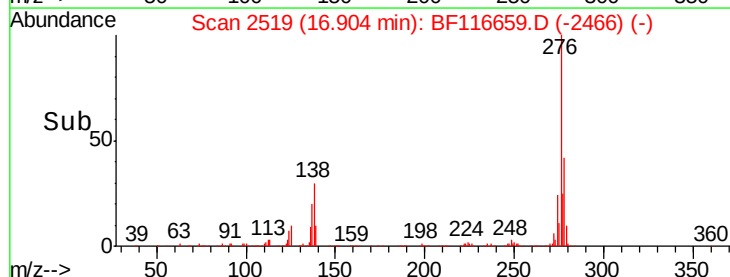
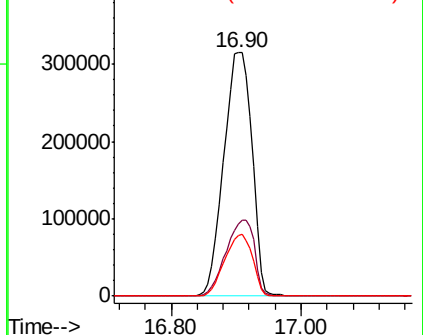
277 24.9 20.5 30.7

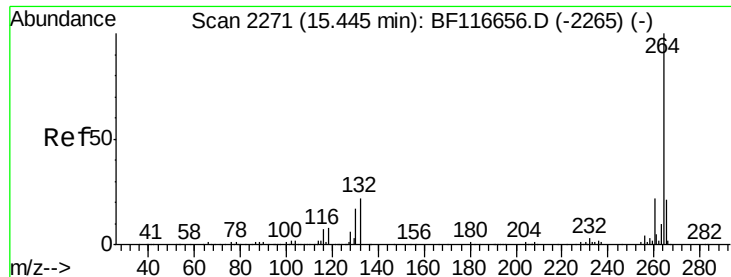


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

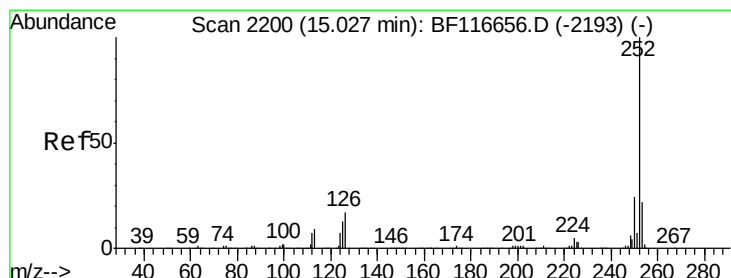
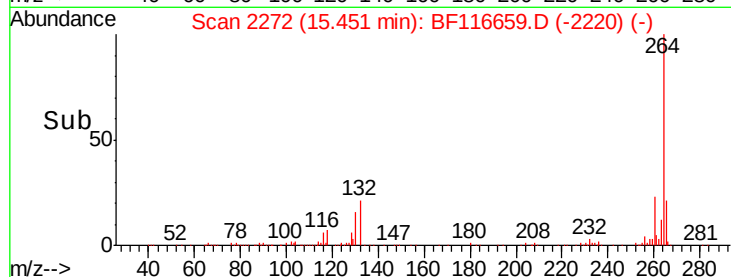
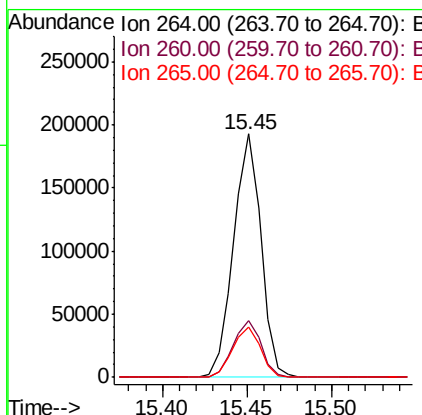
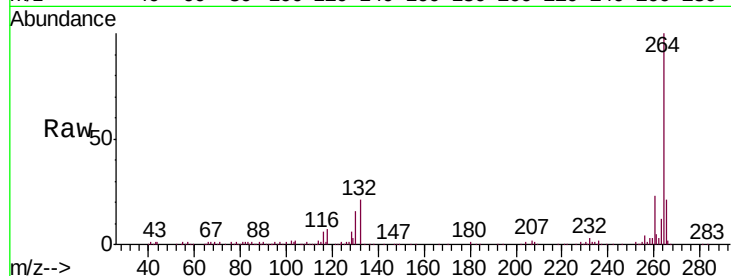




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

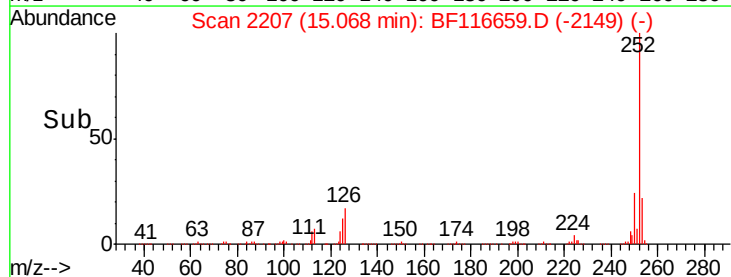
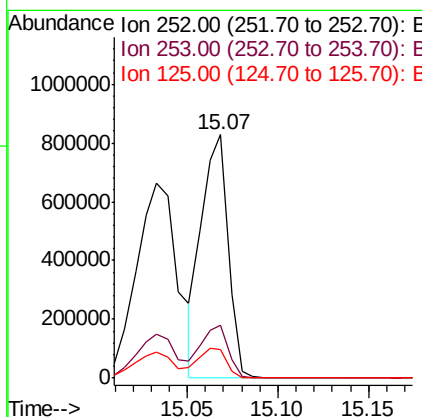
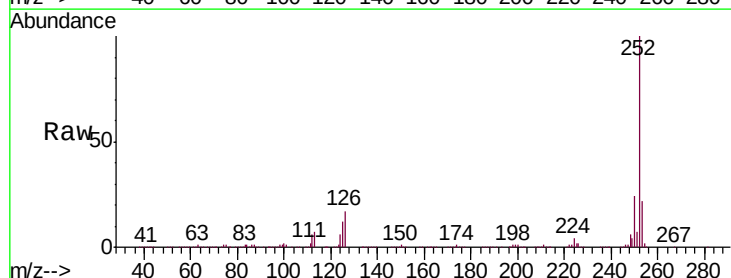
Instrument :
BNA_F
ClientSampleId :

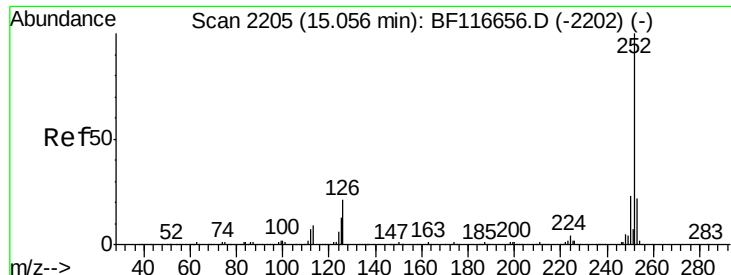
Tot Ion:264 Resp: 218099
Ion Ratio Lower Upper
264 100
260 23.3 18.3 27.5
265 20.8 16.5 24.7



#88
Benzo(b)fluoranthene
Concen: 61.107 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.04 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Tgt Ion:252 Resp: 843897
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 12.0 8.2 12.2

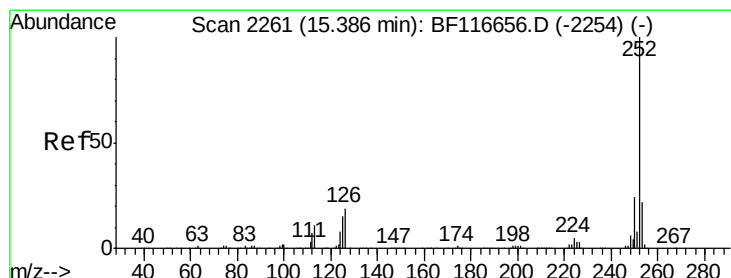
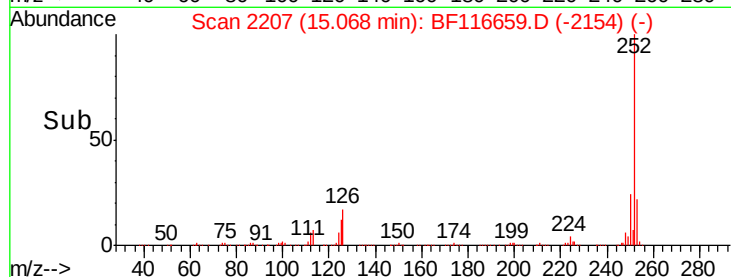
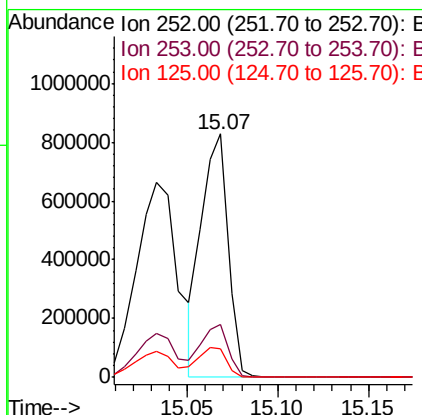
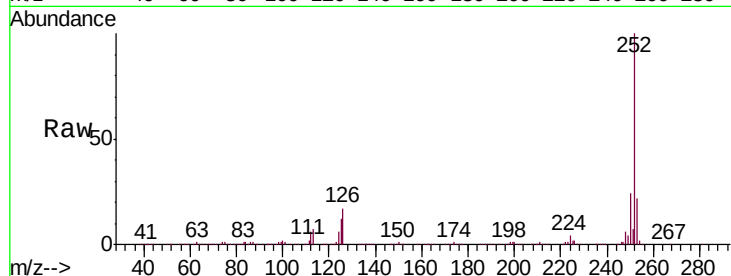




#89
Benzo(k)fluoranthene
Concen: 63.633 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

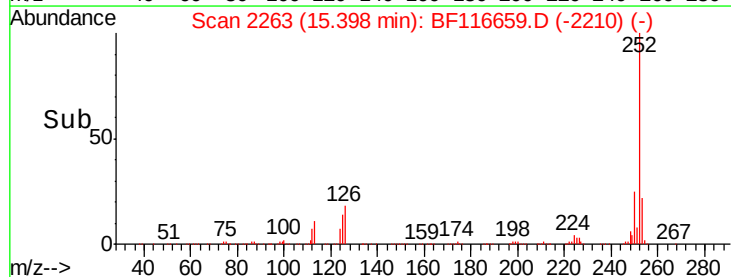
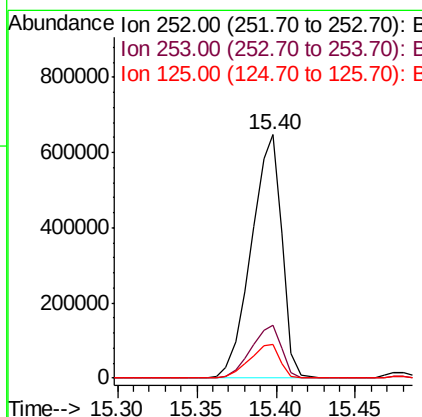
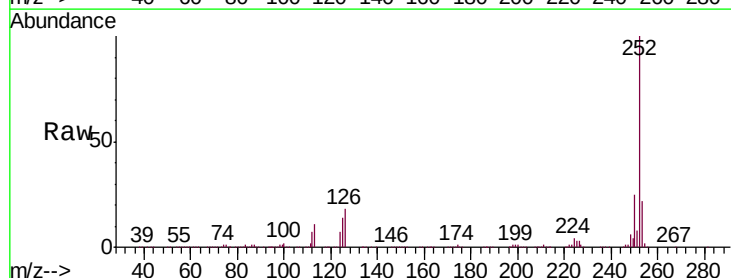
Instrument :
BNA_F
ClientSampleId :

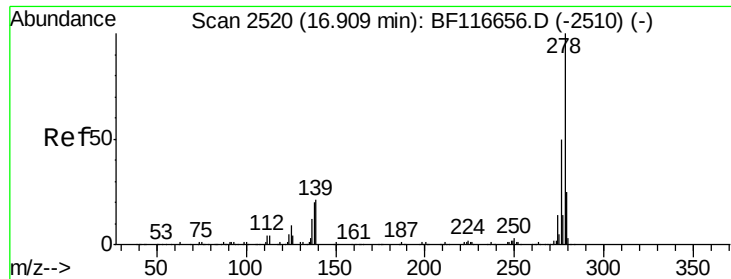
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	12.0	8.6	13.0



#90
Benzo(a)pyrene
Concen: 71.954 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF116659.D
Acq: 30 Aug 2019 18:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	13.9	9.8	14.8





#91

Dibenzo(a,h)anthracene

Concen: 60.494 ng

RT: 16.93 min Scan# 2523

Delta R.T. 0.02 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

Instrument :

BNA_F

ClientSampleId :

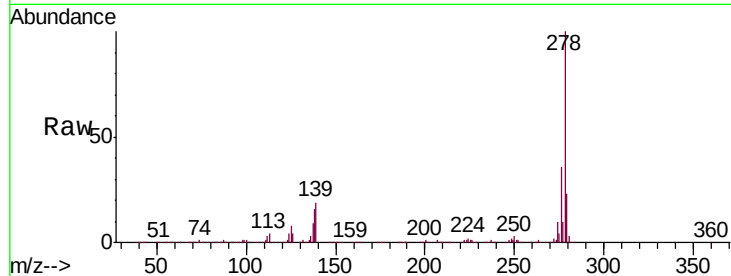
Tot Ion:278 Resp: 765737

Ion Ratio Lower Upper

278 100

139 18.8 12.4 18.6#

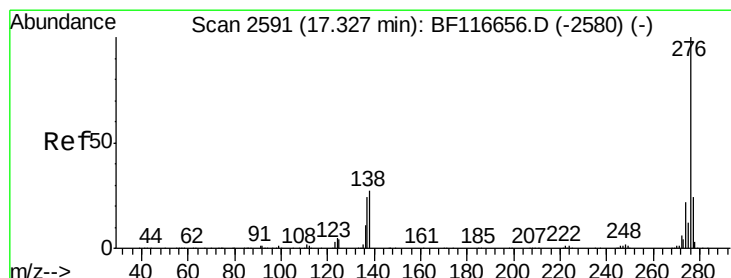
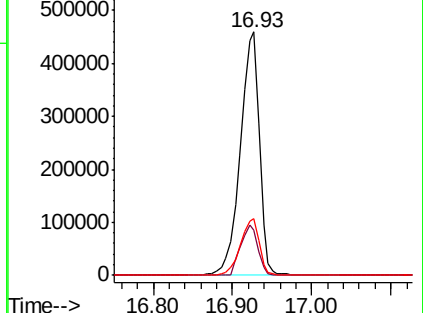
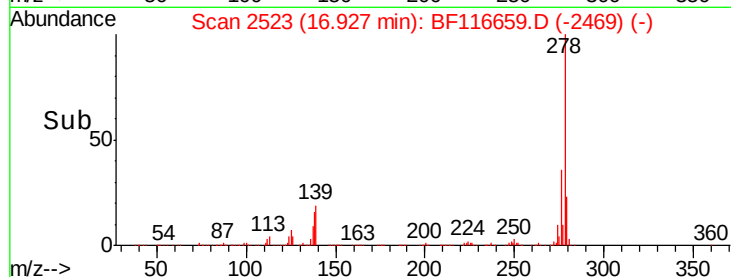
279 23.2 18.2 27.4



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: 65.679 ng

RT: 17.34 min Scan# 2594

Delta R.T. 0.02 min

Lab File: BF116659.D

Acq: 30 Aug 2019 18:45

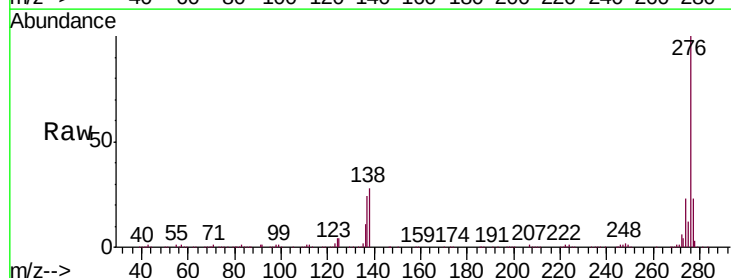
Tgt Ion:276 Resp: 796370

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 28.3 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

