

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116655.D
 Acq On : 30 Aug 2019 16:55
 Operator : HP/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 18:14:40 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	120729	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	501262	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	249774	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	404456	20.00	ng	0.00
76) Chrysene-d12	14.00	240	278996	20.00	ng	0.00
87) Perylene-d12	15.44	264	258624	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	325453	33.92	ng	0.00
7) Phenol-d6	6.47	99	422549	38.08	ng	-0.01
23) Nitrobenzene-d5	7.40	82	355227	37.29	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	70693	24.54	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	685560	34.46	ng	0.00
79) Terphenyl-d14	12.94	244	648394	37.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	70905	14.911	ng	97
3) Pyridine	3.34	79	203493	15.299	ng	94
4) n-Nitrosodimethylamine	3.27	42	68217	13.437	ng	# 83
6) Aniline	6.50	93	288060	19.210	ng	99
8) 2-Chlorophenol	6.63	128	176857	18.886	ng	98
9) Benzaldehyde	6.39	77	143654	22.289	ng	99
10) Phenol	6.48	94	218263	17.730	ng	95
11) bis(2-Chloroethyl)ether	6.58	93	179452	19.334	ng	98
12) 1,3-Dichlorobenzene	6.79	146	202020	20.839	ng	95
13) 1,4-Dichlorobenzene	6.87	146	199651	21.374	ng	98
14) 1,2-Dichlorobenzene	7.02	146	189913	22.996	ng	98
15) Benzyl Alcohol	6.98	79	168051	22.578	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	209306	23.187	ng	99
17) 2-Methylphenol	7.09	107	150675	23.030	ng	96
18) Hexachloroethane	7.36	117	75687	22.855	ng	# 85
19) n-Nitroso-di-n-propylamine	7.26	70	136953	23.655	ng	90
20) 3+4-Methylphenols	7.25	107	186287	22.626	ng	98
22) Acetophenone	7.25	105	268973	19.016	ng	# 94
24) Nitrobenzene	7.42	77	182672	19.160	ng	98
25) Isophorone	7.66	82	367482	21.321	ng	100
26) 2-Nitrophenol	7.75	139	60696	14.323	ng	91
27) 2,4-Dimethylphenol	7.78	122	144207	21.476	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	231742	21.754	ng	99
29) 2,4-Dichlorophenol	7.98	162	135128	19.052	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	150819	18.475	ng	98
31) Naphthalene	8.15	128	527671	20.762	ng	100
32) Benzoic acid	7.86	122	65820	12.156	ng	97
33) 4-Chloroaniline	8.19	127	232401	21.563	ng	98
34) Hexachlorobutadiene	8.27	225	84261	18.019	ng	99
35) Caprolactam	8.54	113	50184	22.333	ng	97
36) 4-Chloro-3-methylphenol	8.67	107	155580	19.844	ng	99
37) 2-Methylnaphthalene	8.85	142	351620	20.943	ng	95
38) 1-Methylnaphthalene	8.94	142	333461	21.104	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	135013	15.934	ng	98

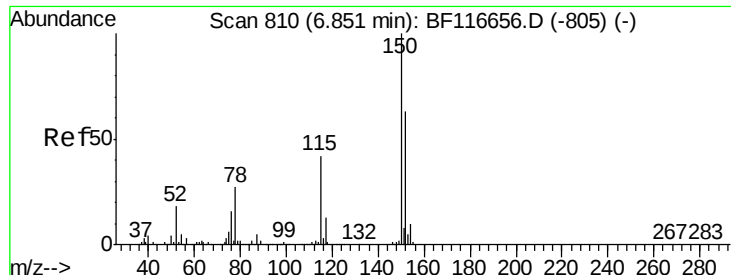
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116655.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	71834	14.464	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	86452	15.132	ng	94
44) 2,4,5-Trichlorophenol	9.15	196	90516	15.595	ng	# 91
46) 1,1'-Biphenyl	9.30	154	428124	17.702	ng	97
47) 2-Chloronaphthalene	9.33	162	333273	17.839	ng	99
48) 2-Nitroaniline	9.42	65	81780	14.282	ng	92
49) Acenaphthylene	9.75	152	510134	20.085	ng	99
50) Dimethylphthalate	9.60	163	378437	17.789	ng	99
51) 2,6-Dinitrotoluene	9.66	165	65131	14.885	ng	99
52) Acenaphthene	9.92	154	307052	19.891	ng	98
53) 3-Nitroaniline	9.83	138	81160	17.022	ng	# 91
54) 2,4-Dinitrophenol	9.93	184	14502	7.949	ng	# 18
55) Dibenzofuran	10.09	168	441403	18.878	ng	99
56) 4-Nitrophenol	9.97	139	53764	16.407	ng	96
57) 2,4-Dinitrotoluene	10.06	165	75572	13.973	ng	92
58) Fluorene	10.43	166	338898	17.971	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	62774	14.001	ng	91
60) Diethylphthalate	10.30	149	387607	19.258	ng	98
61) 4-Chlorophenyl-phenylether	10.42	204	150660	16.182	ng	95
62) 4-Nitroaniline	10.43	138	75608	14.588	ng	95
63) Azobenzene	10.58	77	394330	19.709	ng	94
65) 4,6-Dinitro-2-methylphenol	10.47	198	20341	9.317	ng	83
66) n-Nitrosodiphenylamine	10.54	169	306841	22.823	ng	96
67) 4-Bromophenyl-phenylether	10.91	248	88920	19.322	ng	99
68) Hexachlorobenzene	10.98	284	94161	18.578	ng	98
69) Atrazine	11.06	200	88510	21.638	ng	97
70) Pentachlorophenol	11.17	266	39464	13.304	ng	98
71) Phenanthrene	11.39	178	502642	22.119	ng	99
72) Anthracene	11.44	178	503801	21.710	ng	100
73) Carbazole	11.59	167	481061	23.412	ng	98
74) Di-n-butylphthalate	11.93	149	627257	23.228	ng	100
75) Fluoranthene	12.57	202	498201	21.491	ng	99
77) Benzidine	12.69	184	243354	25.635	ng	98
78) Pyrene	12.80	202	510676	18.796	ng	99
80) Butylbenzylphthalate	13.42	149	248280	22.619	ng	93
81) Benzo(a)anthracene	13.99	228	387911	20.526	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	133070	21.398	ng	# 97
83) Chrysene	14.02	228	400389	21.741	ng	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	320905	22.835	ng	100
85) Di-n-octyl phthalate	14.59	149	525750	24.792	ng	96
86) Indeno(1,2,3-cd)pyrene	16.89	276	286734	17.968	ng	# 92
88) Benzo(b)fluoranthene	15.03	252	332753	20.319	ng	99
89) Benzo(k)fluoranthene	15.06	252	323651	20.580	ng	99
90) Benzo(a)pyrene	15.39	252	290224	20.280	ng	97
91) Dibenzo(a,h)anthracene	16.90	278	238144	15.866	ng	# 94
92) Benzo(g,h,i)perylene	17.32	276	225197	15.663	ng	# 93

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

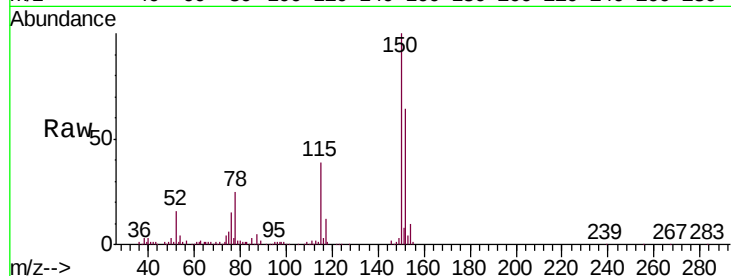


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.4	186.6
115	61.5	49.9	74.9

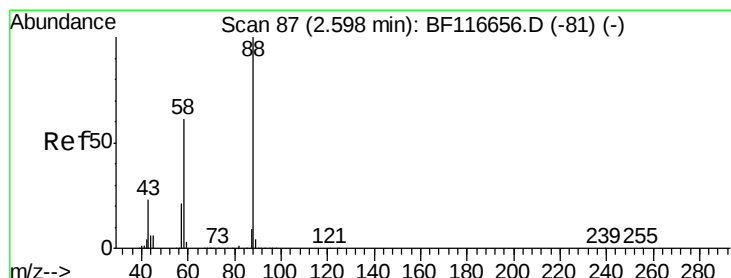
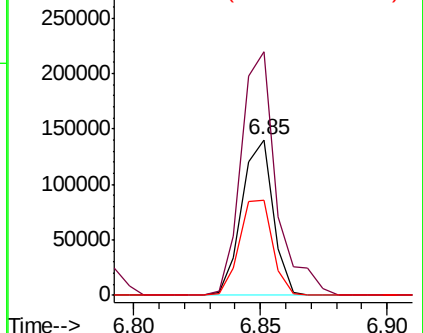
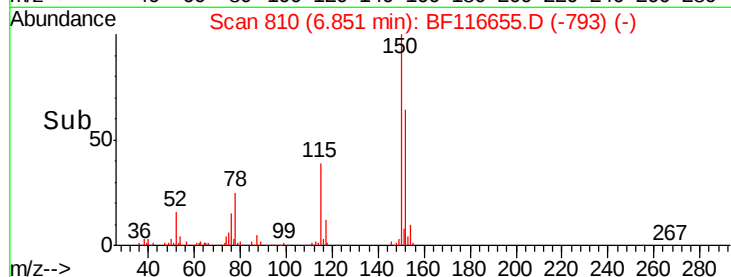


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

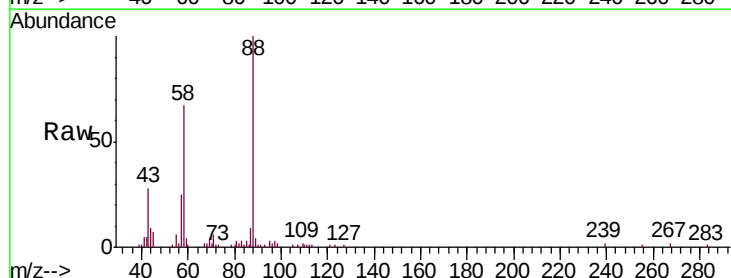
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 14.911 ng
RT: 2.59 min Scan# 86
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.3	51.7	77.5
43	28.5	19.8	29.8

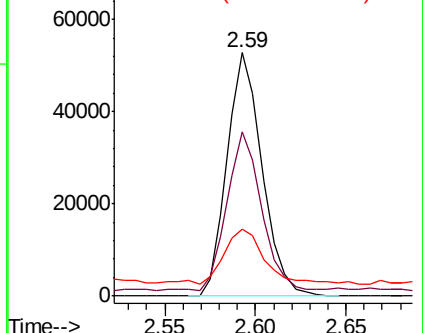
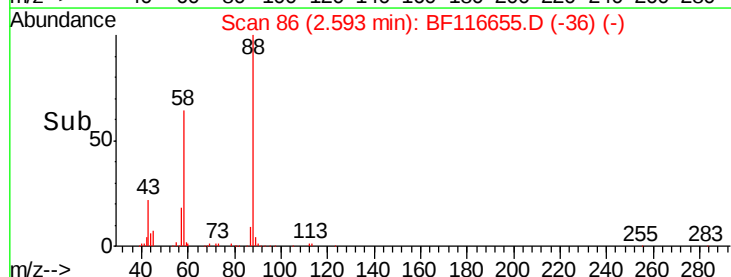


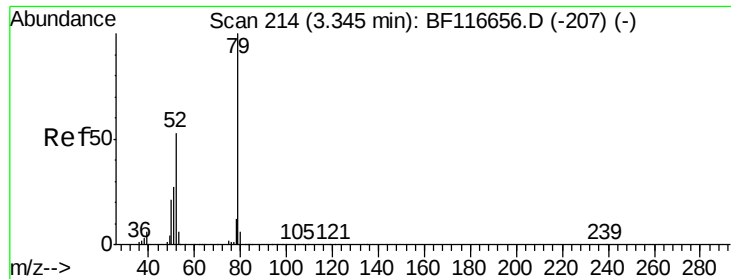
Abundance

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: 15.299 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Instrument :

BNA_F

ClientSampleId :

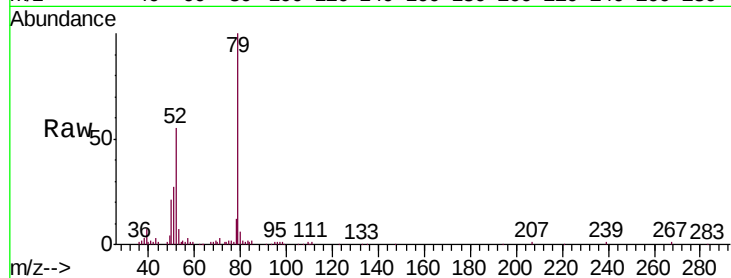
Tot Ion: 79 Resp: 203493

Ion Ratio Lower Upper

79 100

52 54.8 47.4 71.0

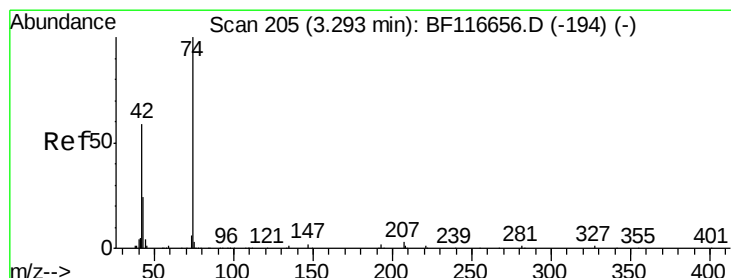
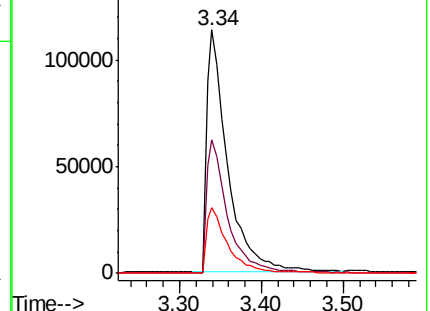
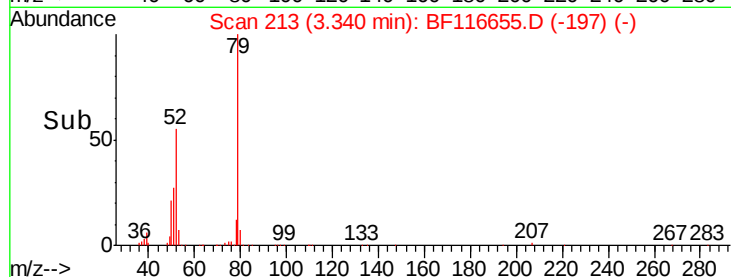
51 26.8 24.1 36.1



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: 13.437 ng

RT: 3.27 min Scan# 201

Delta R.T. -0.02 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

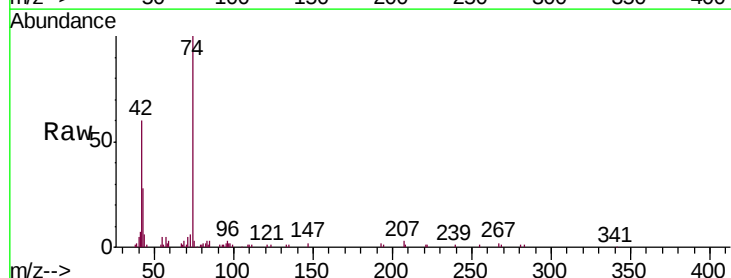
Tgt Ion: 42 Resp: 68217

Ion Ratio Lower Upper

42 100

74 165.6 115.6 173.4

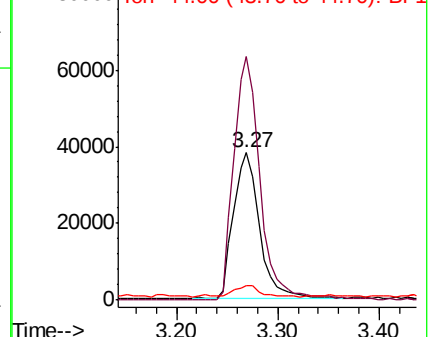
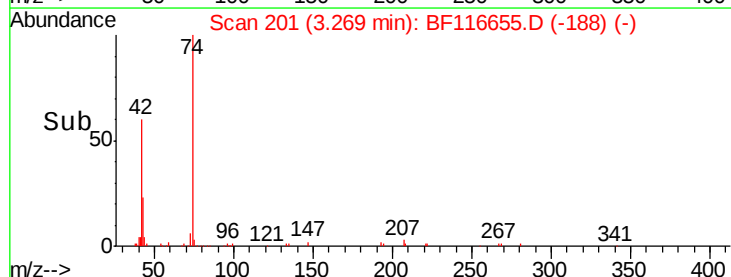
44 10.0 4.6 7.0#

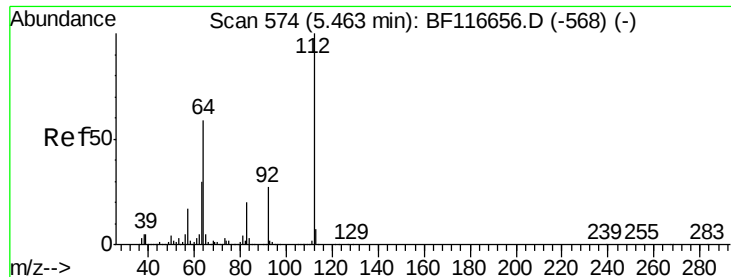


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 33.915 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Instrument :

BNA_F

ClientSampleId :

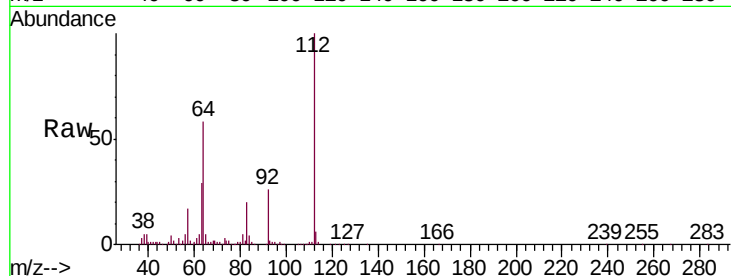
Tot Ion: 112 Resp: 325453

Ion Ratio Lower Upper

112 100

64 58.4 47.1 70.7

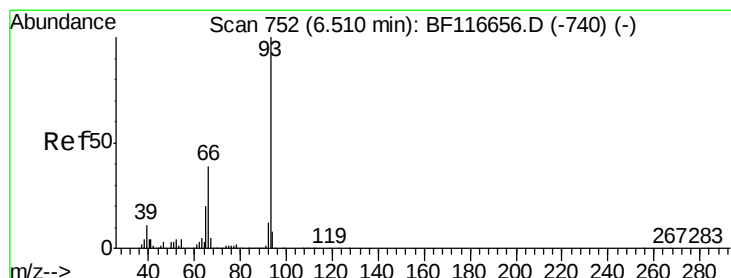
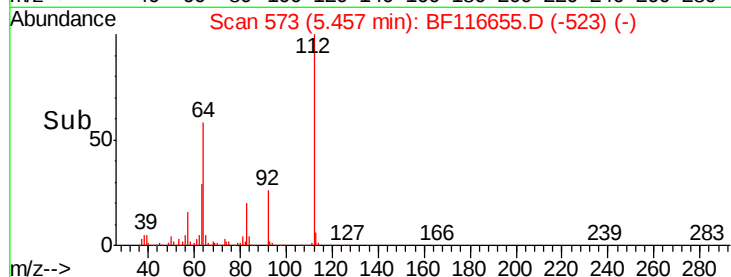
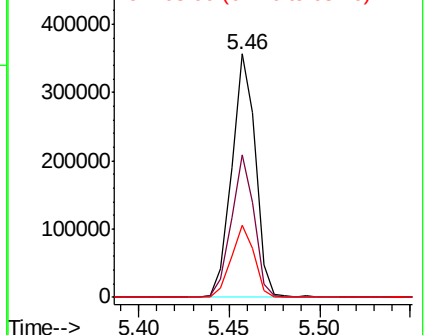
63 29.5 24.9 37.3



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: 19.210 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

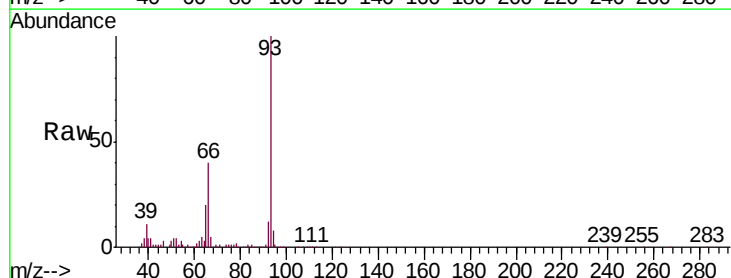
Tgt Ion: 93 Resp: 288060

Ion Ratio Lower Upper

93 100

66 40.1 32.7 49.1

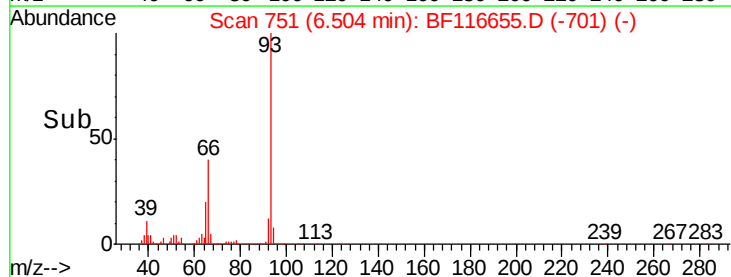
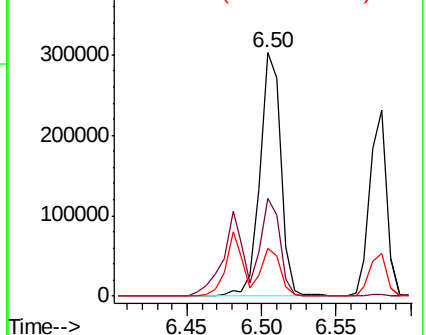
65 19.8 16.3 24.5



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: 38.082 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Instrument :

BNA_F

ClientSampleId :

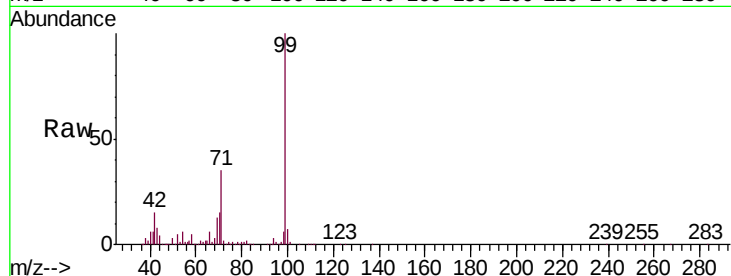
Tot Ion: 99 Resp: 422549

Ion Ratio Lower Upper

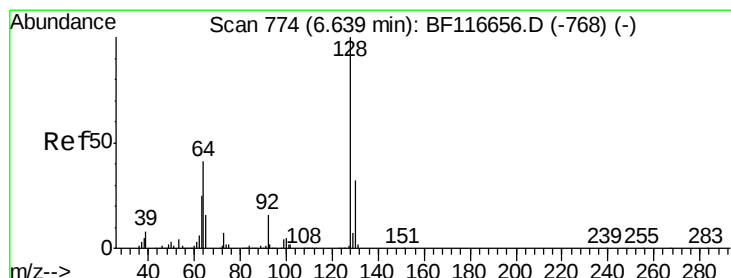
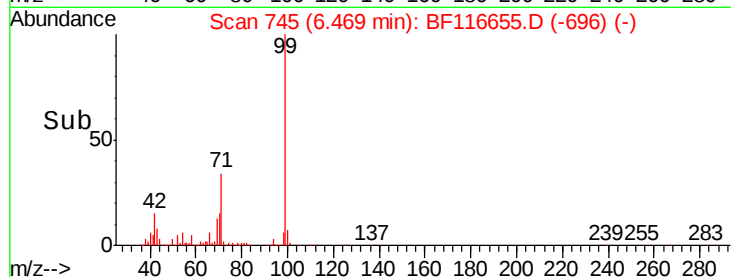
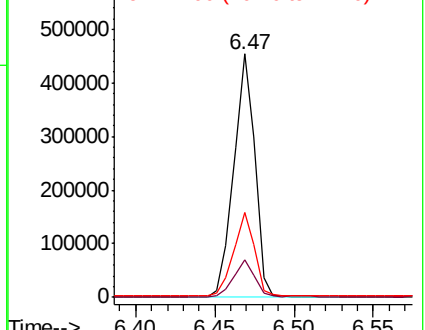
99 100

42 15.2 13.7 20.5

71 35.0 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: 18.886 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

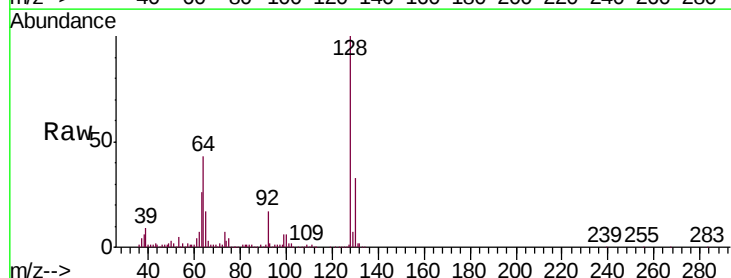
Tgt Ion: 128 Resp: 176857

Ion Ratio Lower Upper

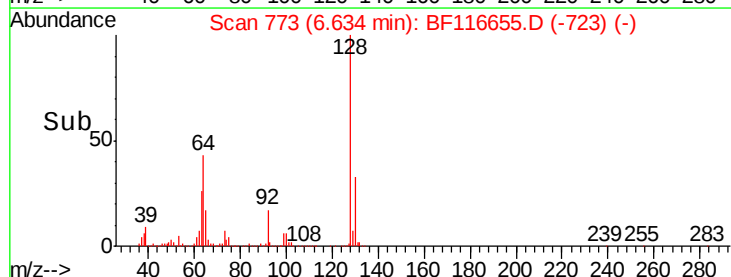
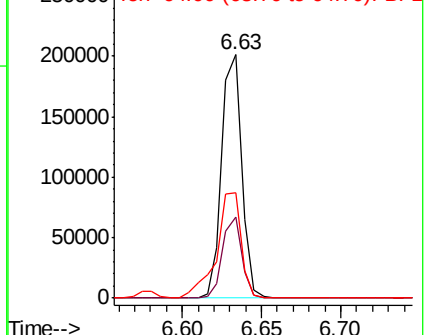
128 100

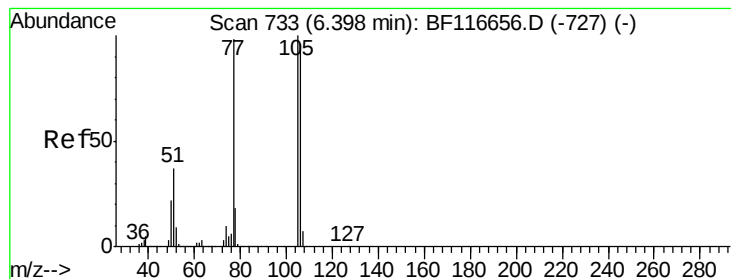
130 33.4 12.3 52.3

64 43.4 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: 22.289 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Instrument :

BNA_F

ClientSampleId :

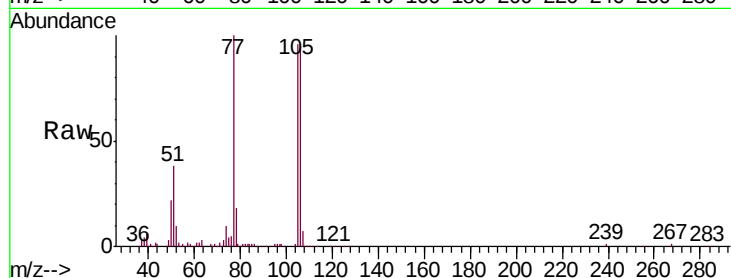
Tot Ion: 77 Resp: 143654

Ion Ratio Lower Upper

77 100

105 96.4 76.7 116.7

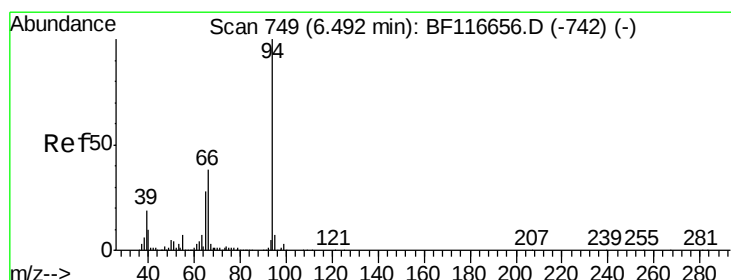
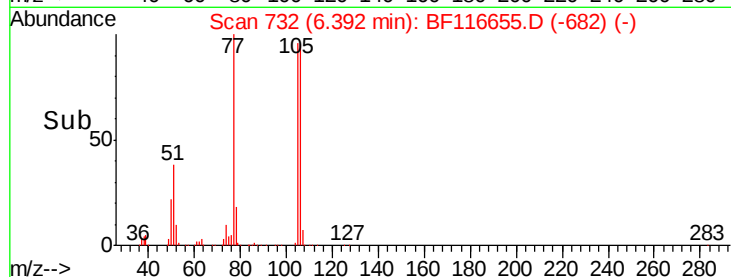
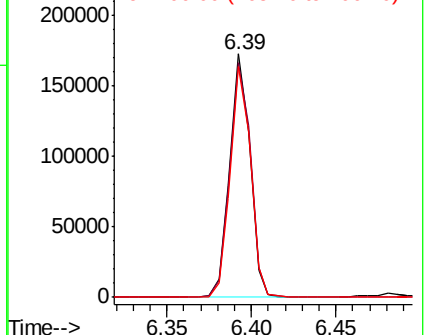
106 95.0 73.1 113.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 17.730 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

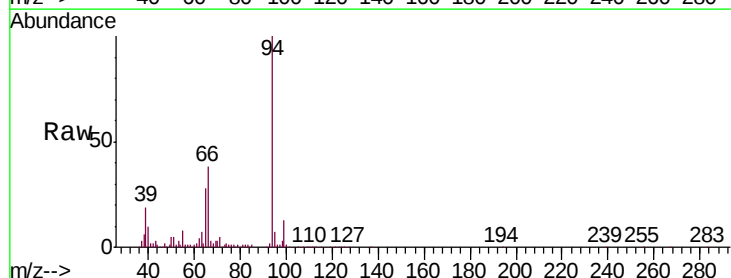
Tgt Ion: 94 Resp: 218263

Ion Ratio Lower Upper

94 100

65 28.3 10.8 50.8

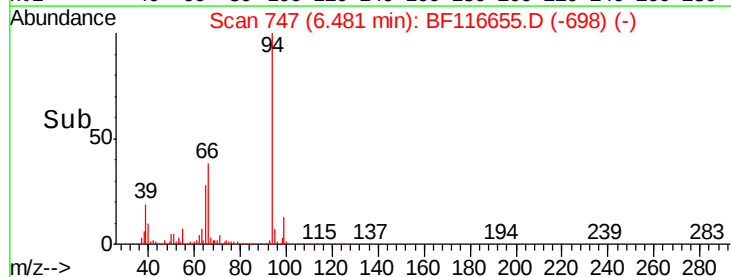
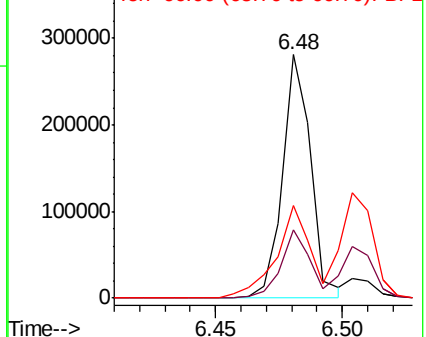
66 37.8 21.1 61.1



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

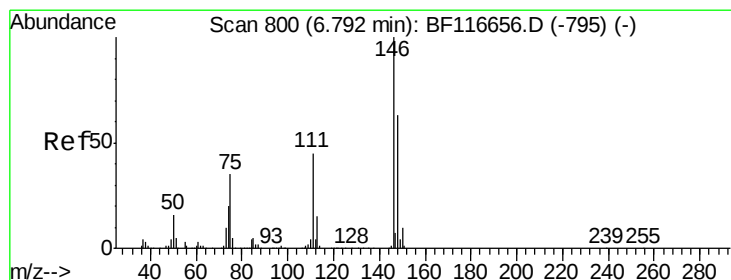
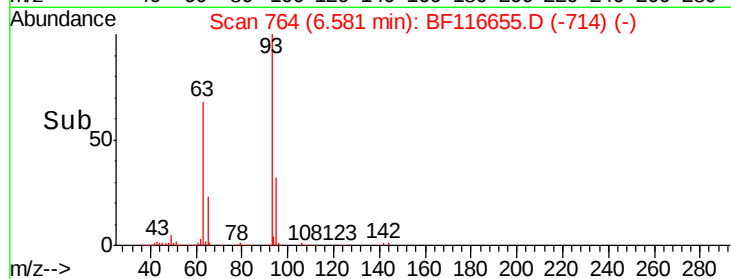
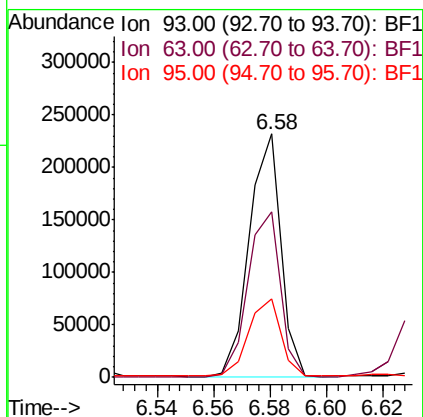
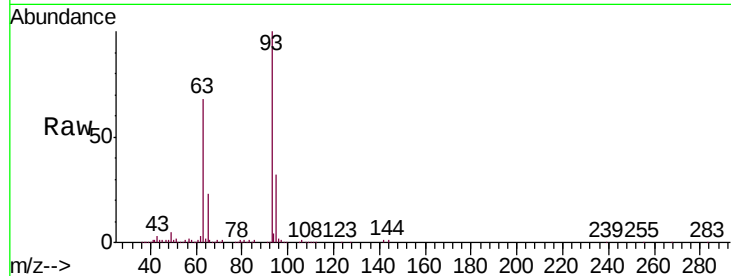




#11
bis(2-Chloroethyl)ether
Concen: 19.334 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

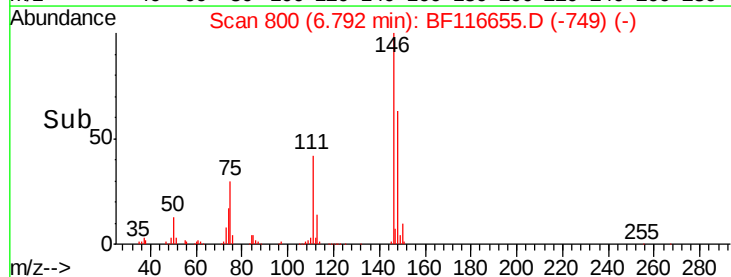
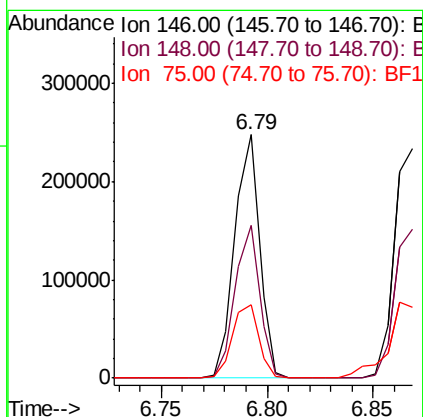
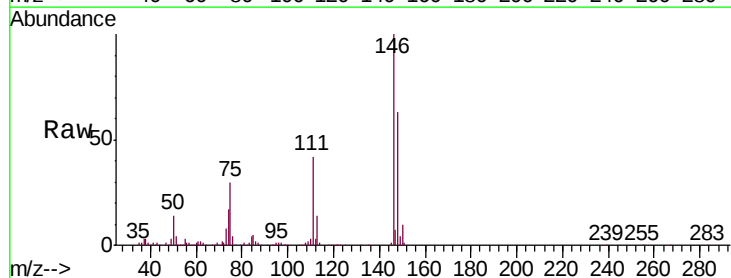
Instrument :
BNA_F
ClientSampleId :

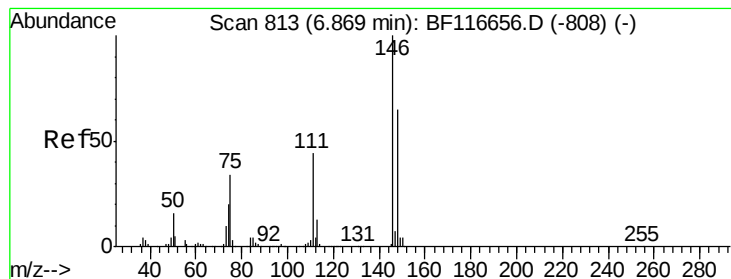
Tot Ion:	93	Resp:	179452
Ion	Ratio	Lower	Upper
93	100		
63	68.1	49.9	89.9
95	32.2	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 20.839 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion:	146	Resp:	202020
Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.4	77.0
75	29.9	29.6	44.4





#13

1,4-Dichlorobenzene

Concen: 21.374 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Instrument :

BNA_F

ClientSampleId :

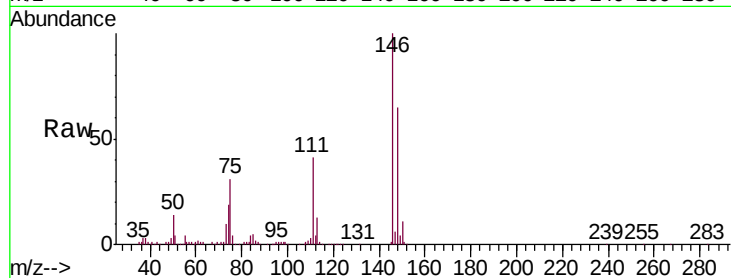
Tot Ion:146 Resp: 199651

Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.2

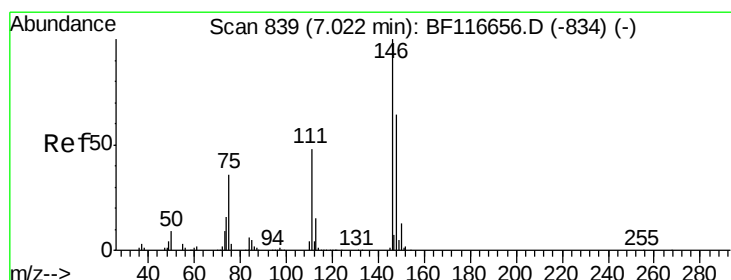
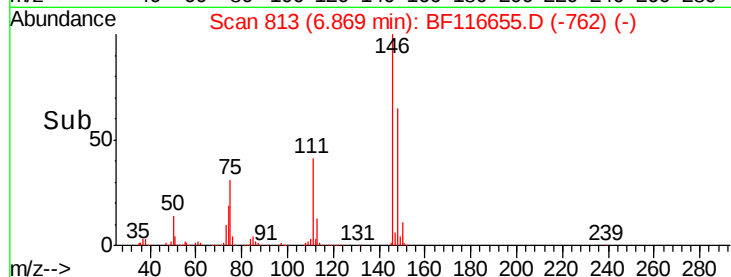
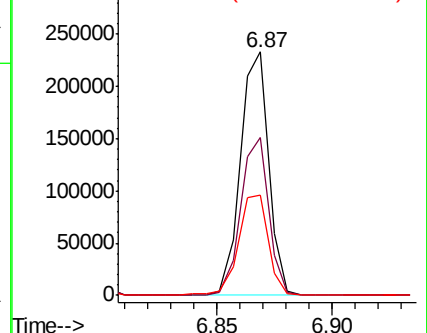
111 41.2 34.8 52.2



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: 22.996 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

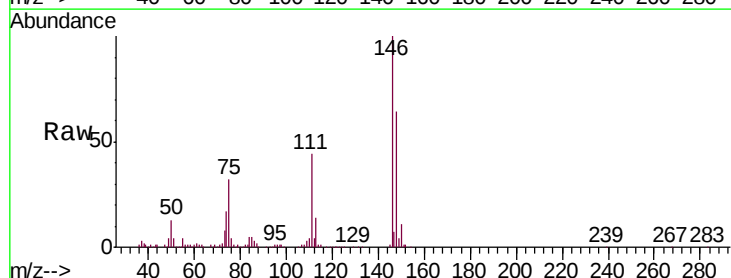
Tgt Ion:146 Resp: 189913

Ion Ratio Lower Upper

146 100

148 64.3 52.6 78.8

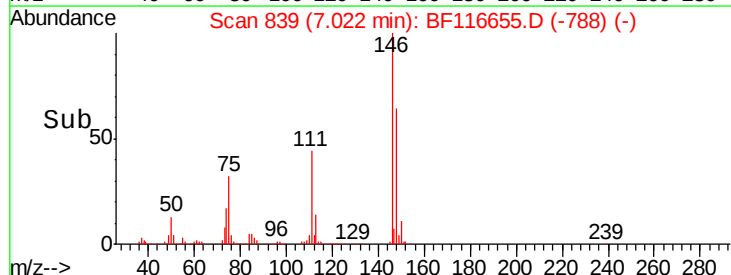
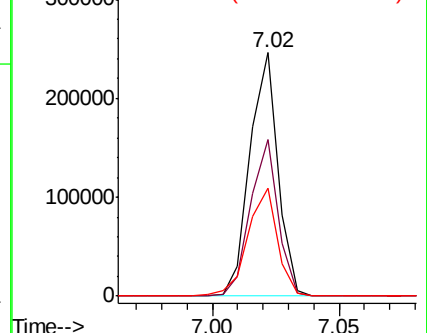
111 44.5 34.2 51.4

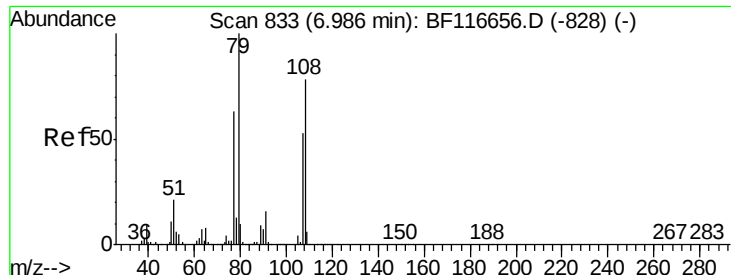


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 22.578 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Instrument :

BNA_F

ClientSampleId :

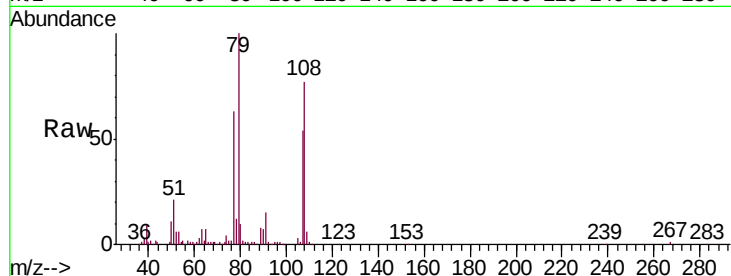
Tot Ion: 79 Resp: 168051

Ion Ratio Lower Upper

79 100

108 77.4 59.2 88.8

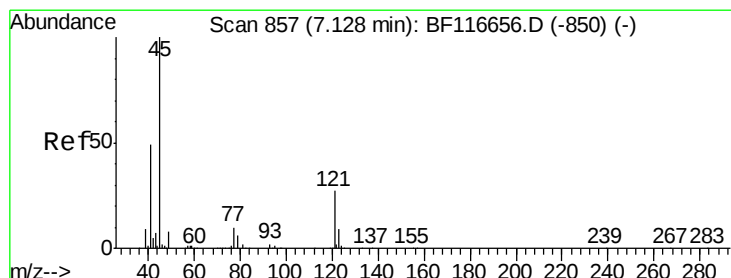
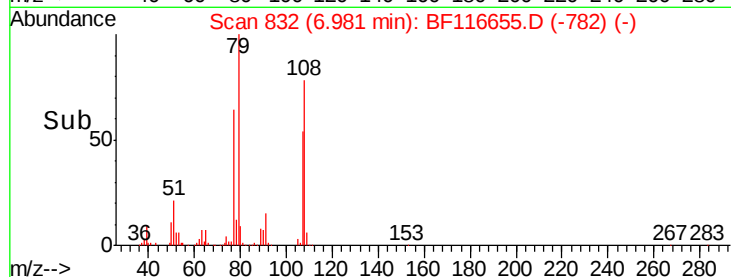
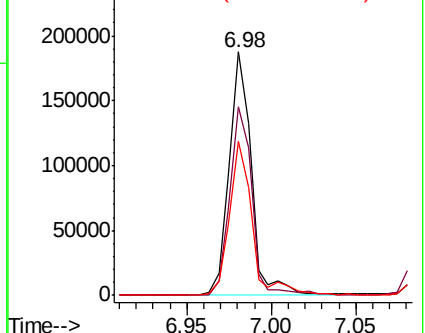
77 63.4 53.0 79.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.187 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

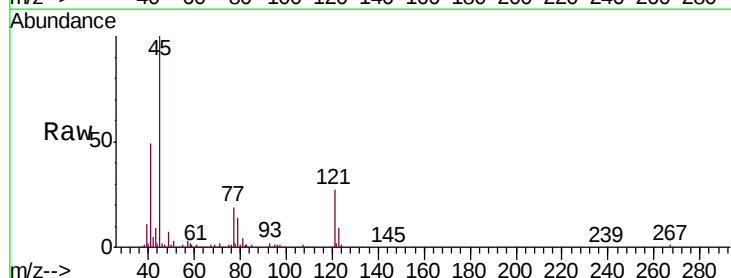
Tgt Ion: 45 Resp: 209306

Ion Ratio Lower Upper

45 100

77 19.1 0.0 38.2

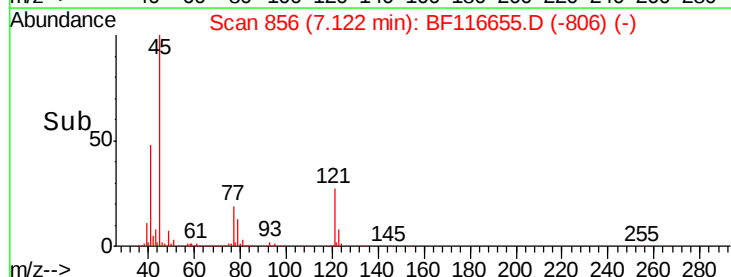
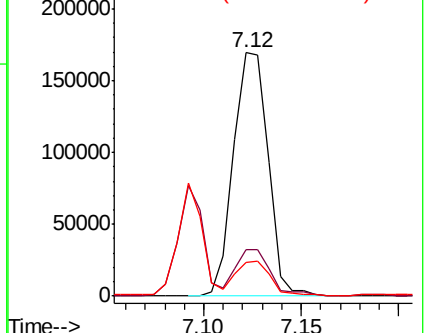
79 13.6 0.0 33.9



Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

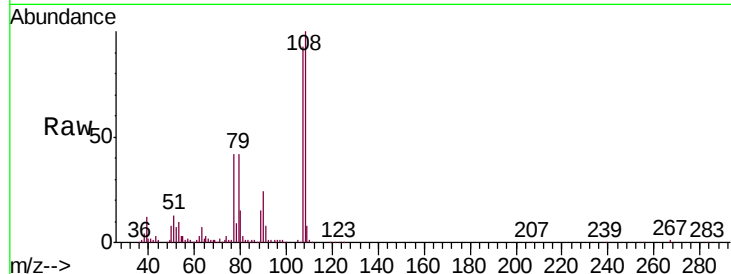




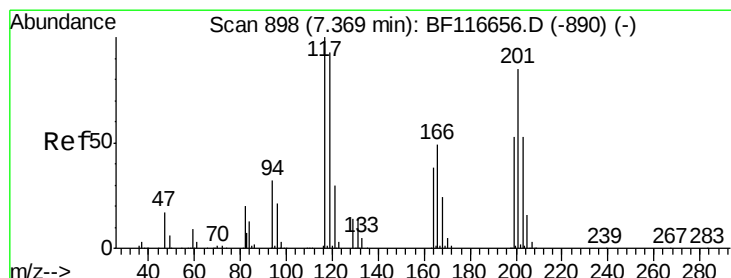
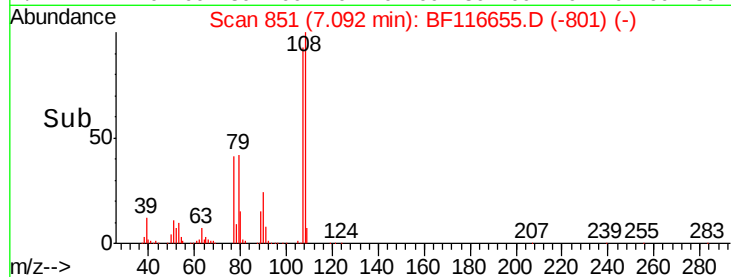
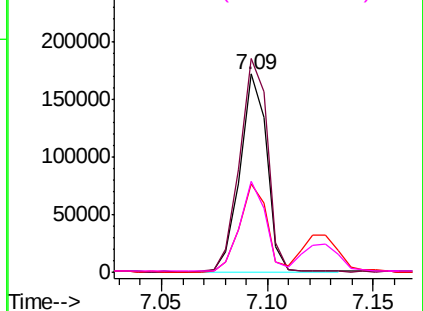
#17
2-Methylphenol
Concen: 23.030 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	150675
Ion	Ratio	Lower	Upper
107	100		
108	107.8	88.3	132.5
77	44.8	39.9	59.9
79	45.7	39.8	59.8

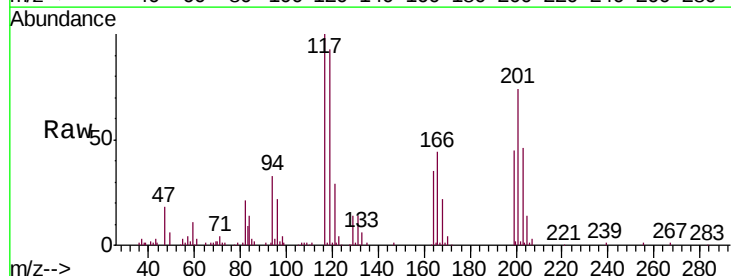


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

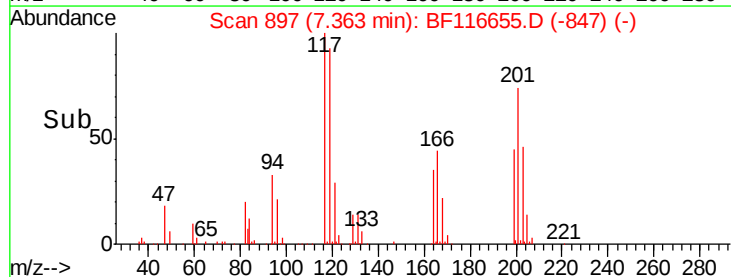
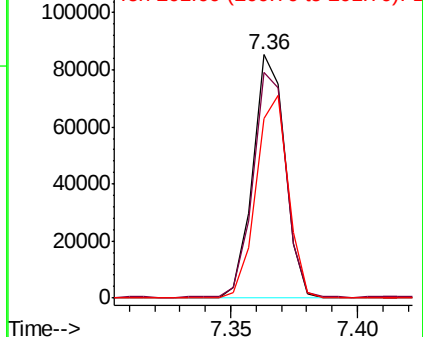


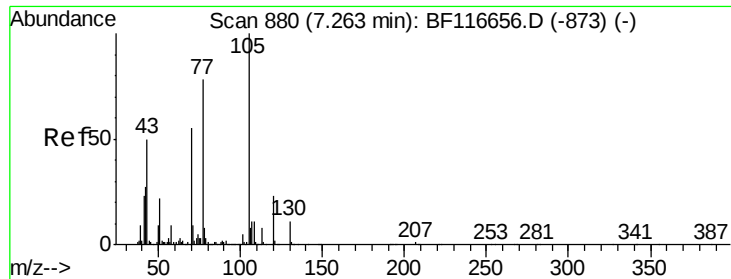
#18
Hexachloroethane
Concen: 22.855 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion:	117	Resp:	75687
Ion	Ratio	Lower	Upper
117	100		
119	92.6	76.9	115.3
201	73.7	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

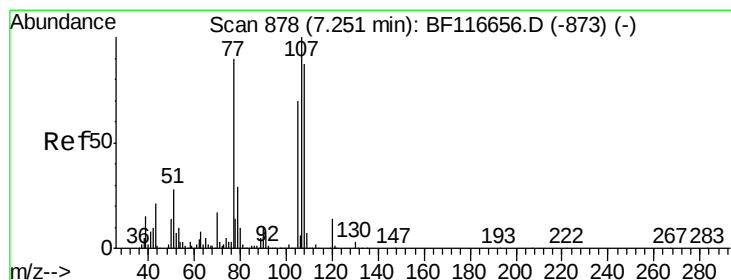
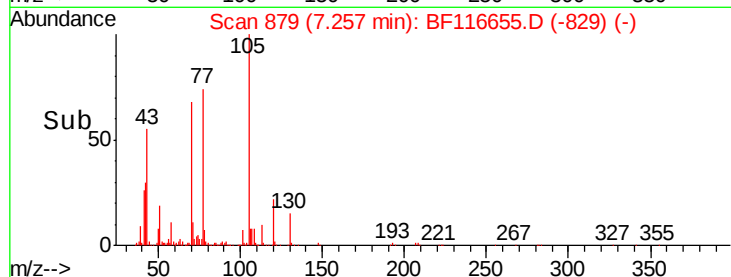
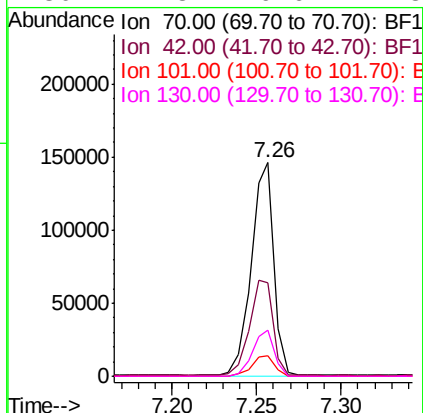
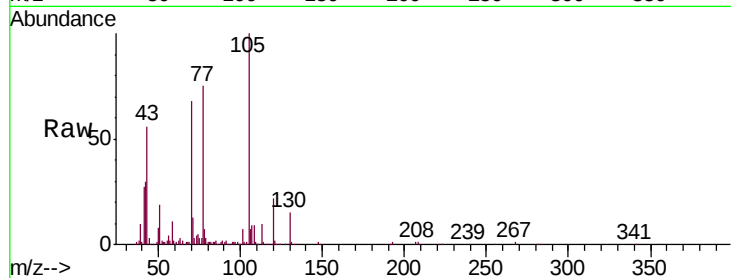




#19
n-Nitroso-di-n-propylamine
Concen: 23.655 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

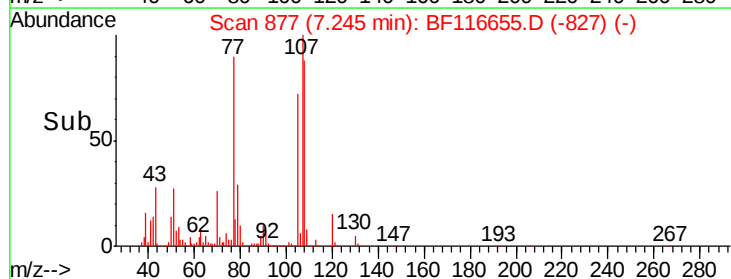
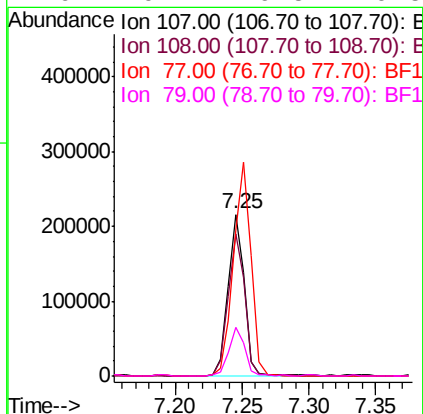
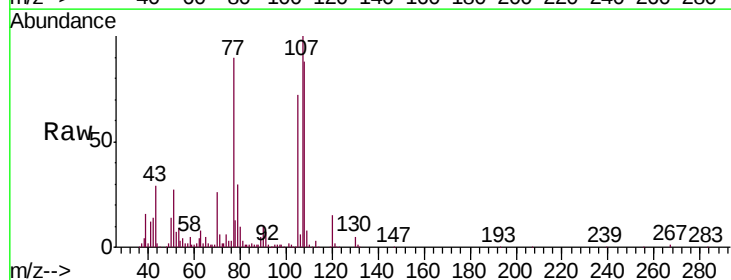
Instrument :
BNA_F
ClientSampleId :

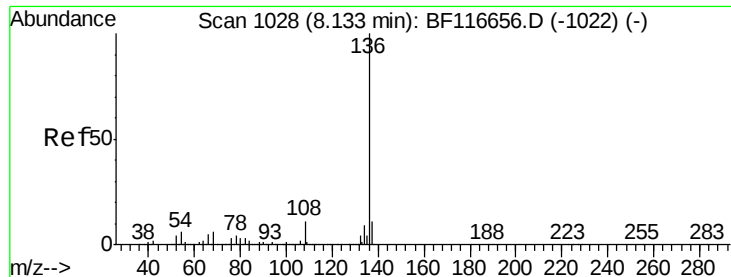
Tot Ion:	70	Resp:	136953
Ion	Ratio	Lower	Upper
70	100		
42	43.7	43.5	65.3
101	9.8	7.8	11.6
130	21.8	16.6	24.8



#20
3+4-Methylphenols
Concen: 22.626 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion:	107	Resp:	186287
Ion	Ratio	Lower	Upper
107	100		
108	88.2	65.5	105.5
77	90.4	69.4	109.4
79	29.7	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 501262

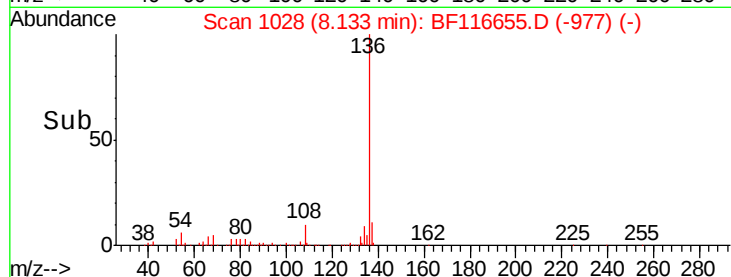
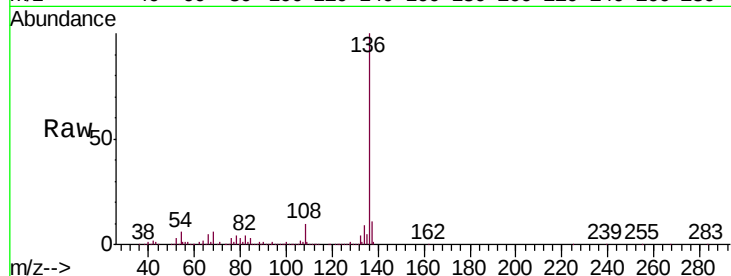
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 5.7 4.8 7.2

68 5.5 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

8.13

600000

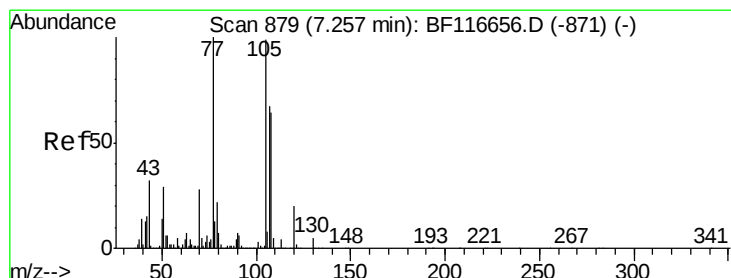
400000

200000

0

8.10 8.15 8.20

Time-->



#22

Acetophenone

Concen: 19.016 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Tgt Ion:105 Resp: 268973

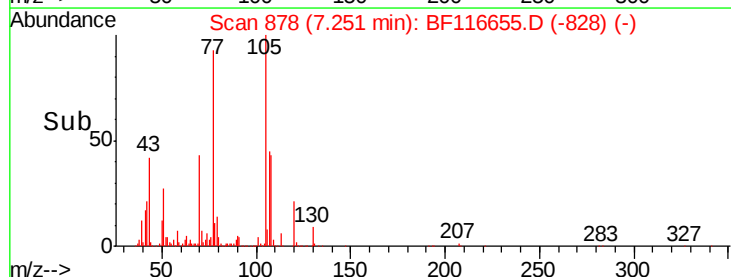
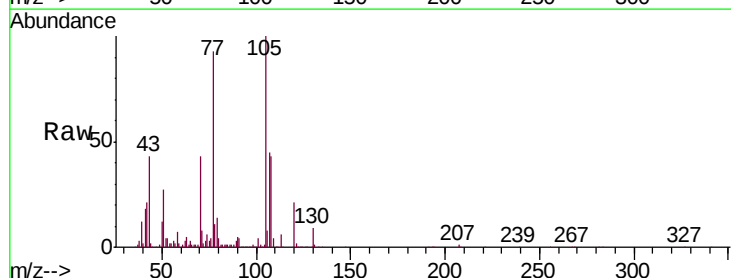
Ion Ratio Lower Upper

105 100

71 8.1 4.2 6.4#

51 26.6 25.8 38.8

120 20.6 16.4 24.6



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

7.25

400000

300000

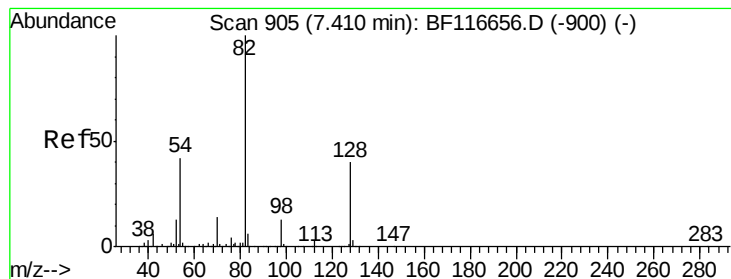
200000

100000

0

7.20 7.25 7.30 7.35

Time-->



#23

Nitrobenzene-d5

Concen: 37.294 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Instrument :

BNA_F

ClientSampled :

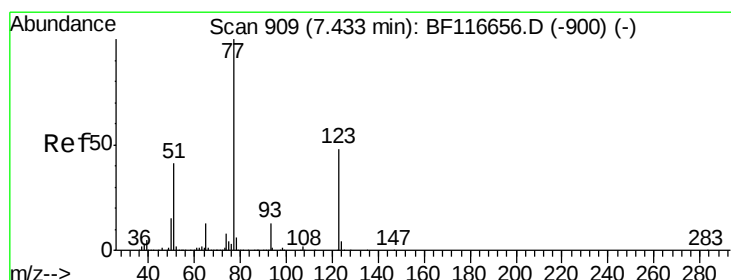
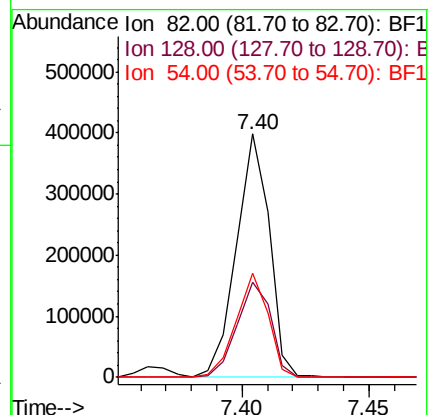
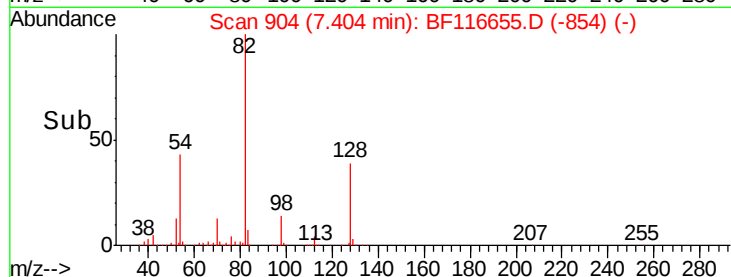
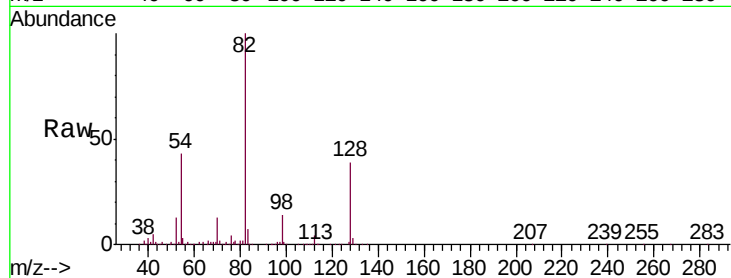
Tot Ion: 82 Resp: 355227

Ion Ratio Lower Upper

82 100

128 39.3 32.8 49.2

54 42.5 36.9 55.3



#24

Nitrobenzene

Concen: 19.160 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

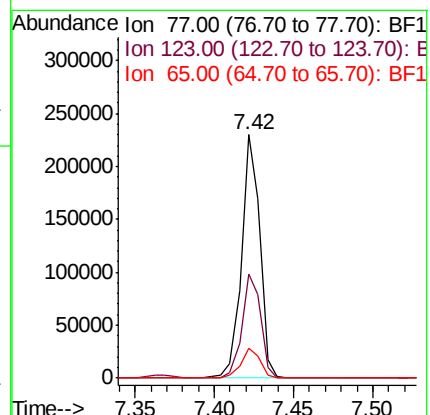
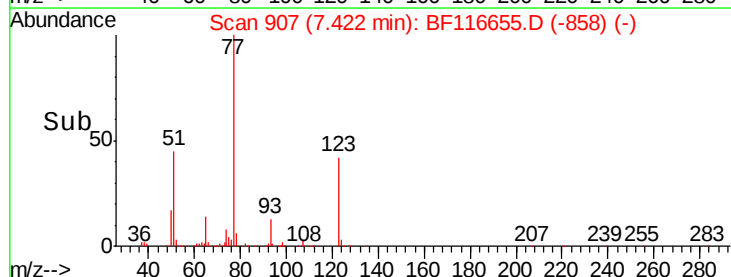
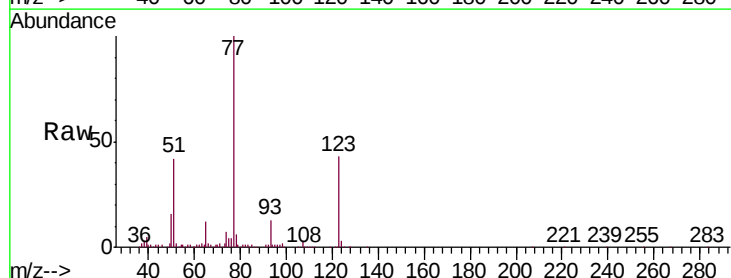
Tgt Ion: 77 Resp: 182672

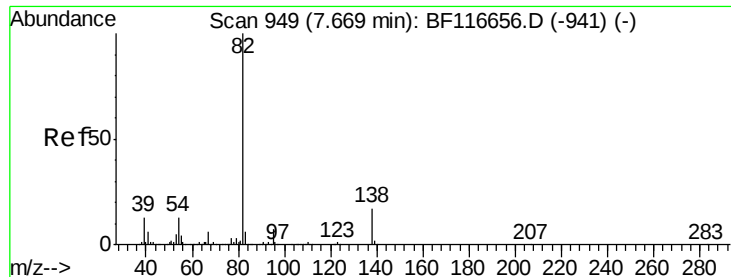
Ion Ratio Lower Upper

77 100

123 42.7 33.1 49.7

65 12.5 10.6 15.8





#25

Isophorone

Concen: 21.321 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Instrument :

BNA_F

ClientSampleId :

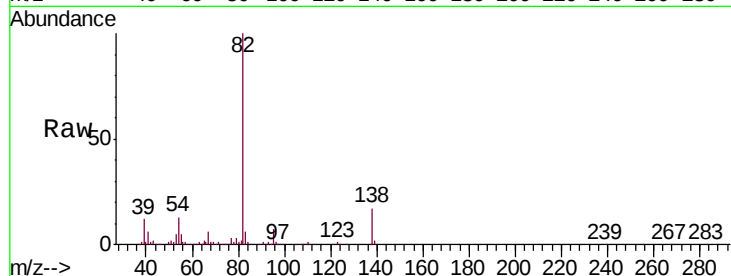
Tot Ion: 82 Resp: 367482

Ion Ratio Lower Upper

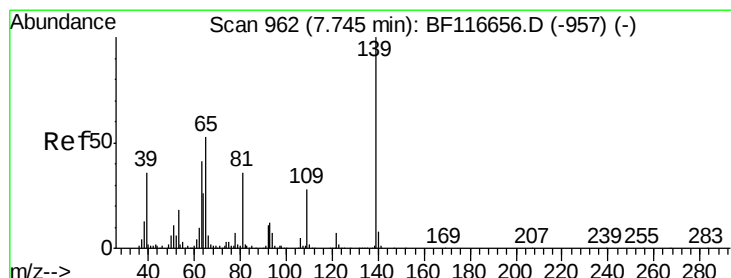
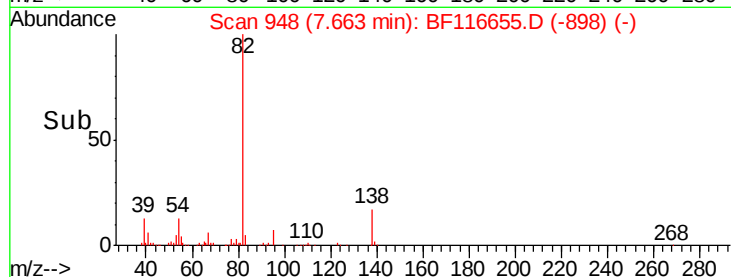
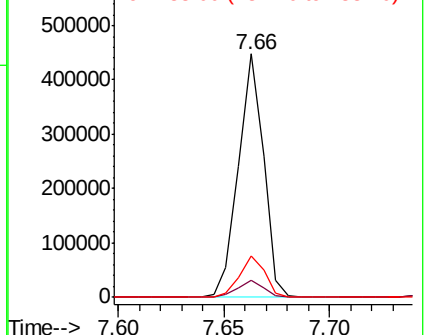
82 100

95 7.0 5.8 8.6

138 16.8 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: 14.323 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

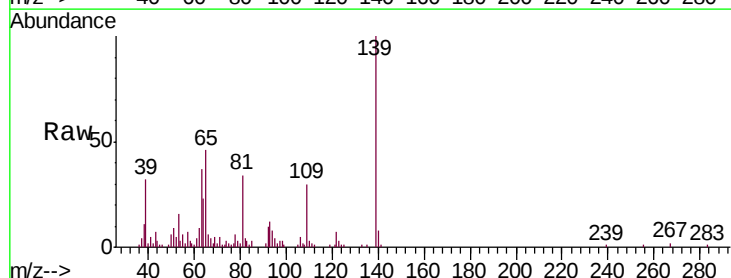
Tgt Ion: 139 Resp: 60696

Ion Ratio Lower Upper

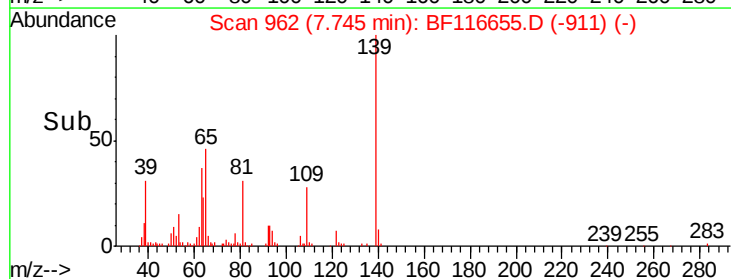
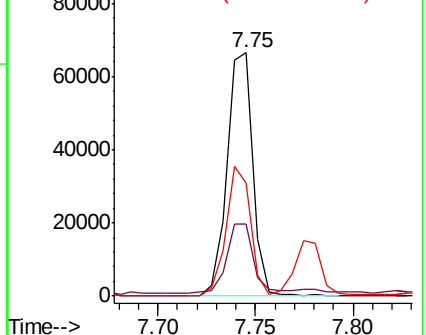
139 100

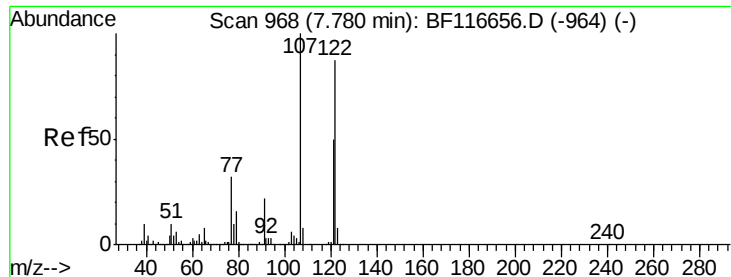
109 29.5 27.1 40.7

65 46.5 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: 21.476 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Instrument :

BNA_F

ClientSampleId :

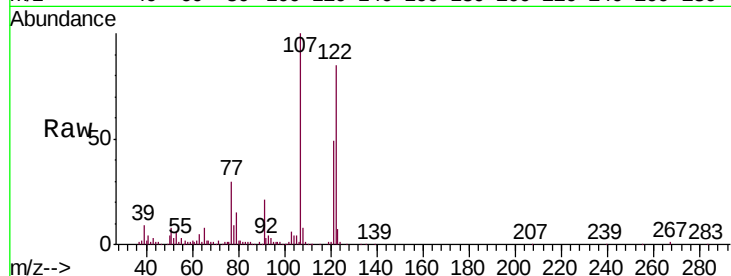
Tot Ion:122 Resp: 144207

Ion Ratio Lower Upper

122 100

107 118.3 98.1 147.1

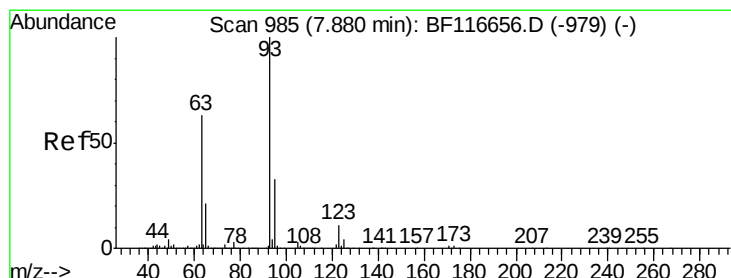
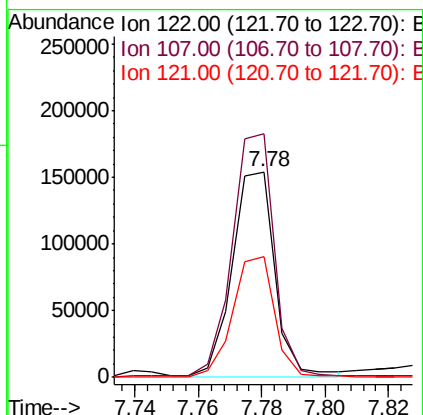
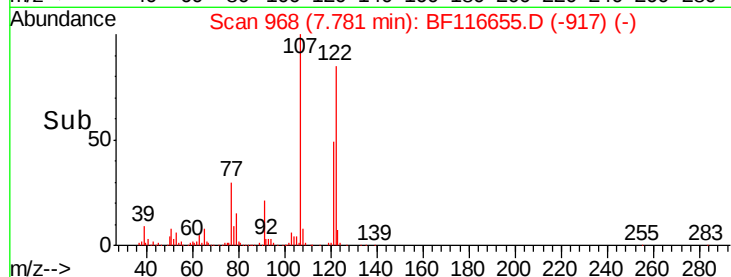
121 58.5 47.3 70.9



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: 21.754 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

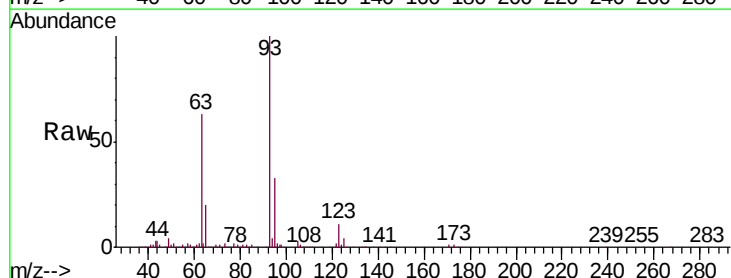
Tgt Ion: 93 Resp: 231742

Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

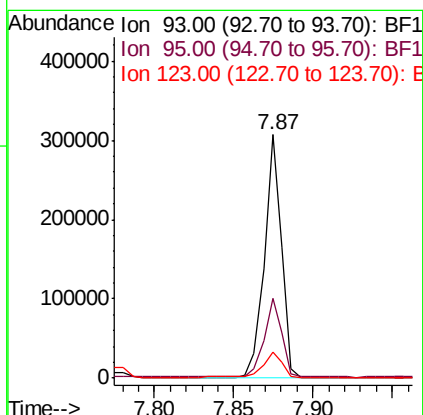
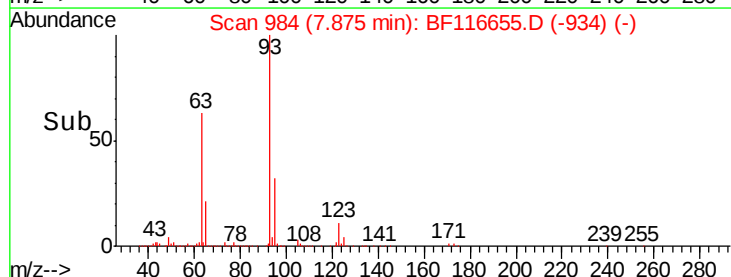
123 10.8 9.8 14.8

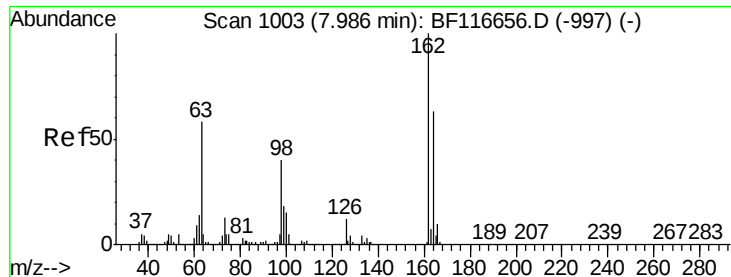


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

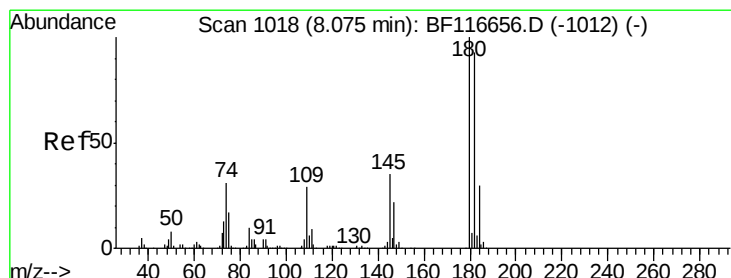
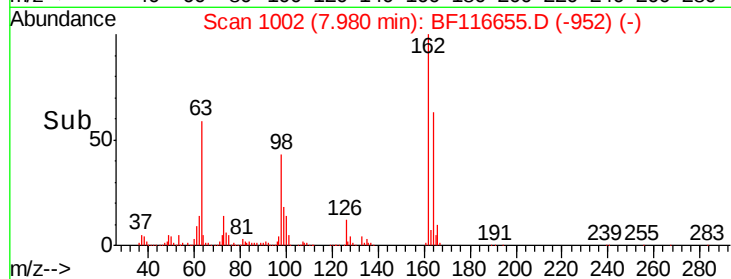
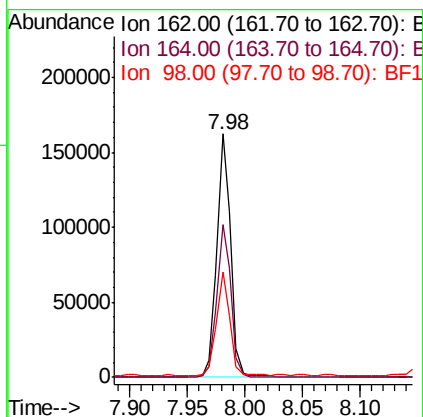
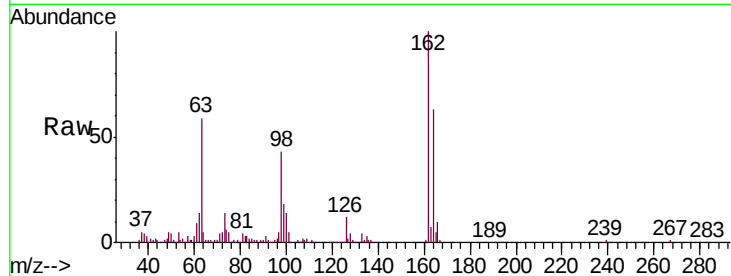




#29
2,4-Dichlorophenol
Concen: 19.052 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

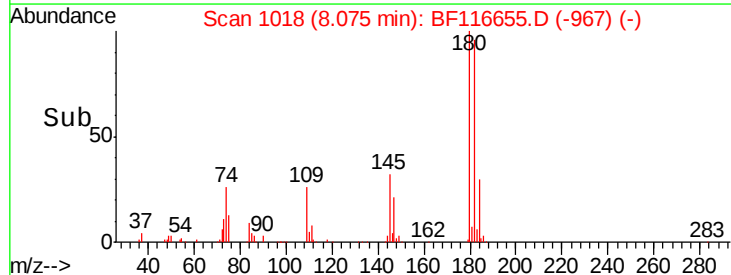
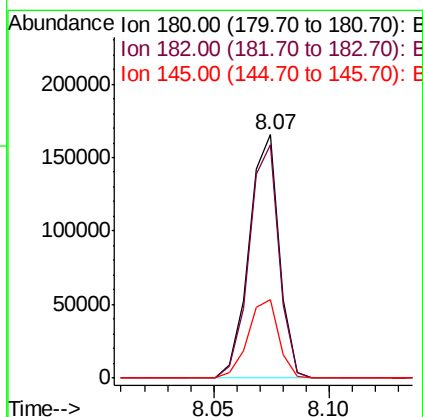
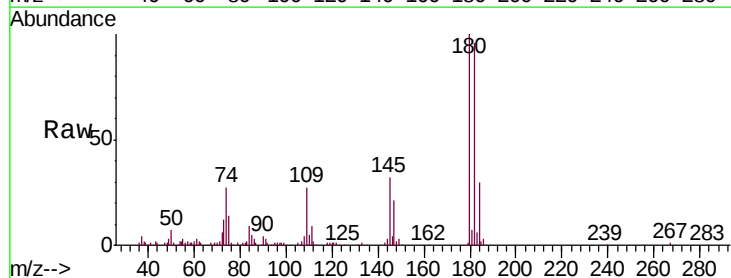
Instrument :
BNA_F
ClientSampleId :

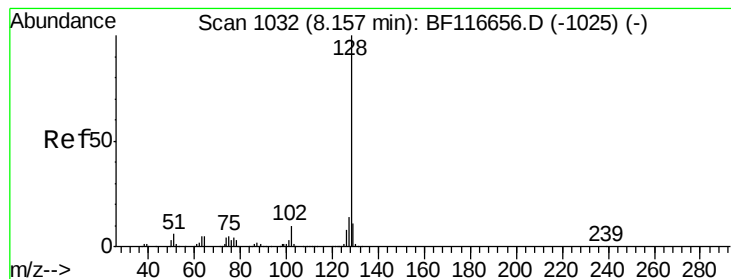
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	43.4	83.4
98	43.3	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 18.475 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	78.6	118.0
145	32.3	25.7	38.5





#31

Naphthalene

Concen: 20.762 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Instrument :

BNA_F

ClientSampleId :

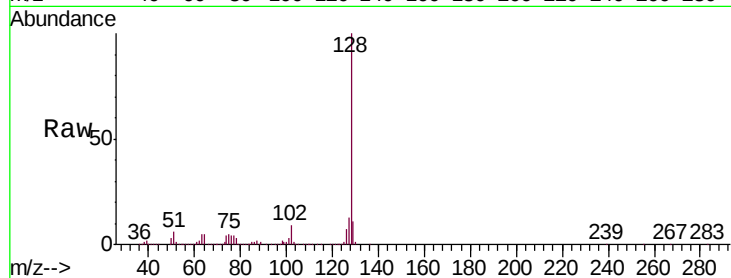
Tot Ion:128 Resp: 527671

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

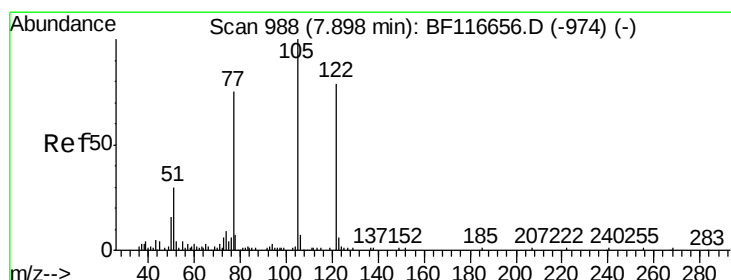
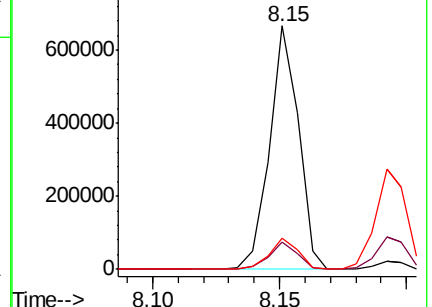
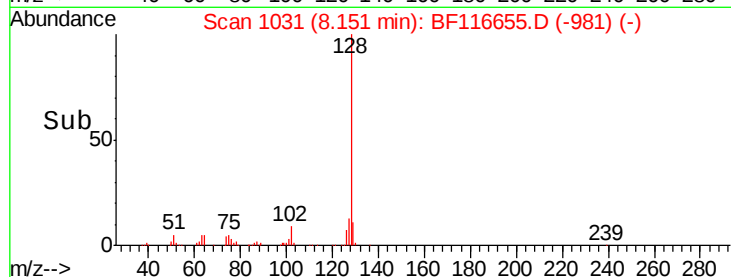
127 12.9 10.4 15.6



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: 12.156 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.04 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

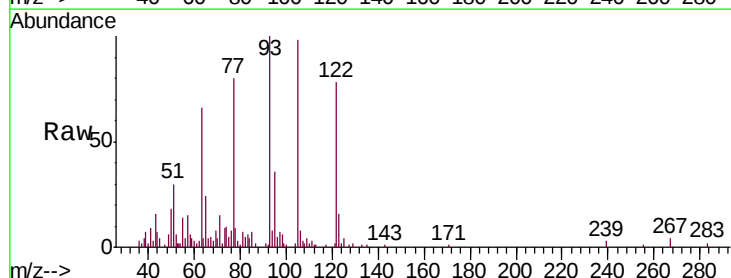
Tgt Ion:122 Resp: 65820

Ion Ratio Lower Upper

122 100

105 124.8 110.0 150.0

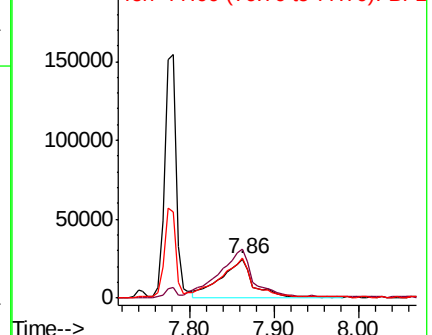
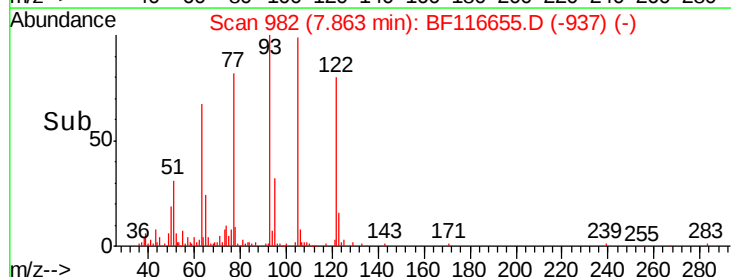
77 102.2 81.7 121.7

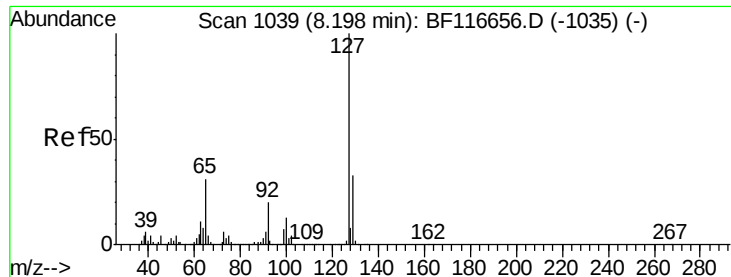


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

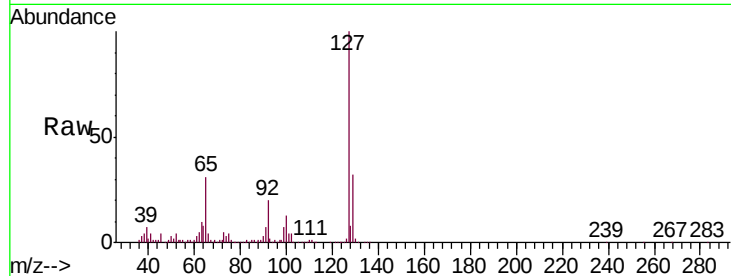




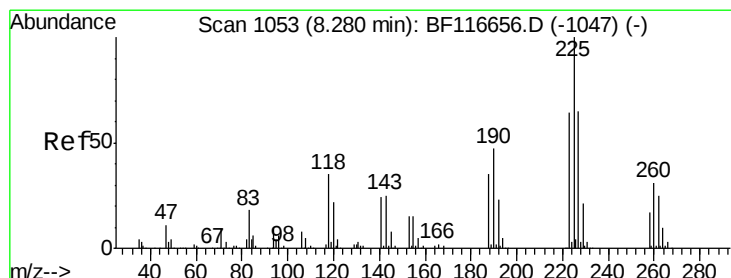
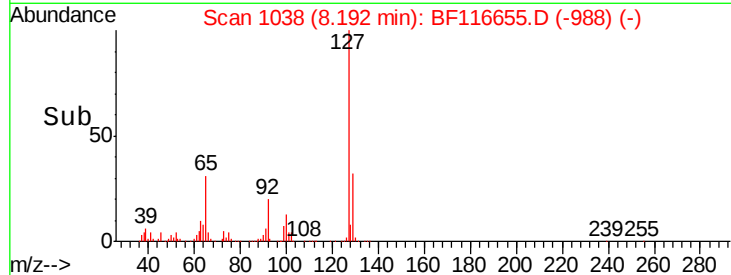
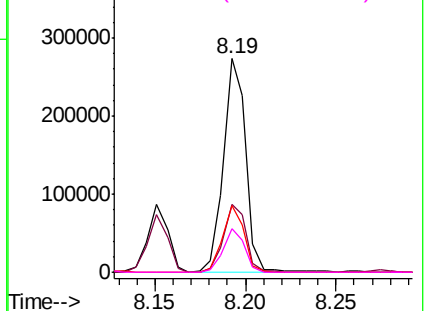
#33
4-Chloroaniline
Concen: 21.563 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	232401
Ion Ratio	Lower	Upper
127	100	
129	32.0	26.2 39.2
65	31.2	26.0 39.0
92	20.4	16.1 24.1

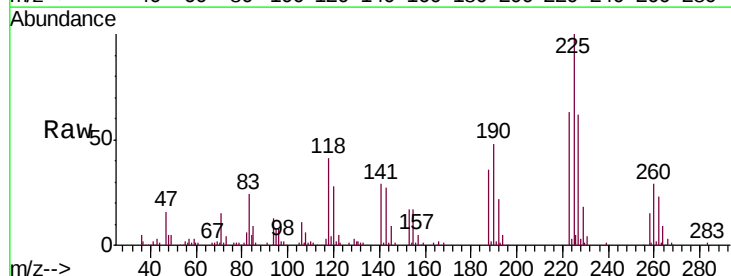


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

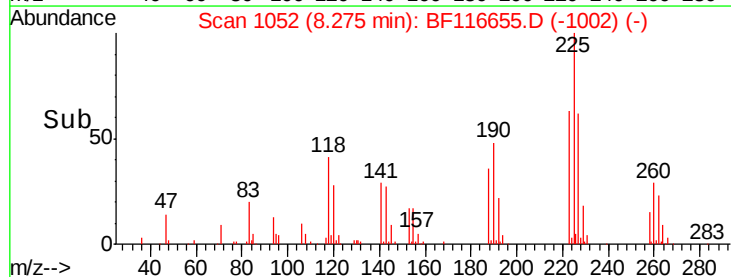
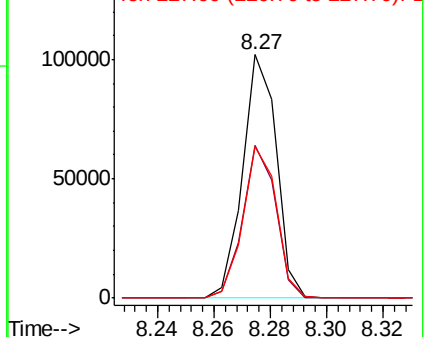


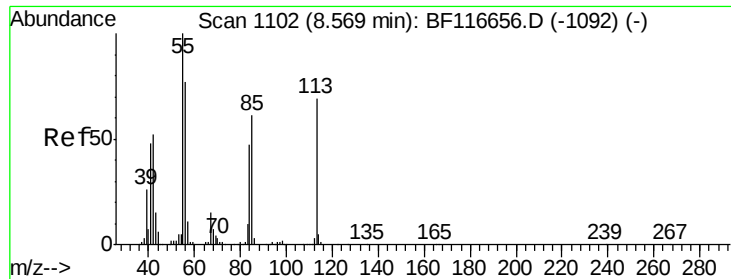
#34
Hexachlorobutadiene
Concen: 18.019 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion:225	Resp:	84261
Ion Ratio	Lower	Upper
225	100	
223	62.6	49.4 74.2
227	62.5	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

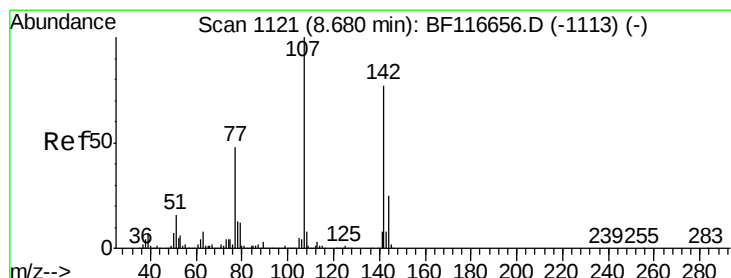
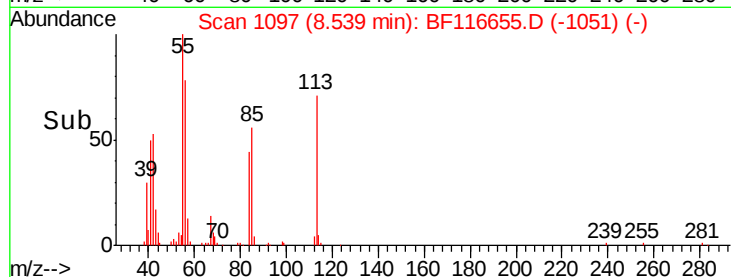
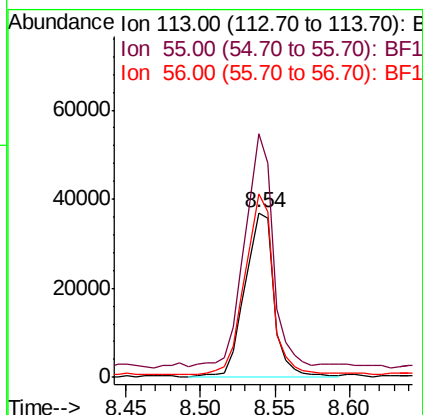
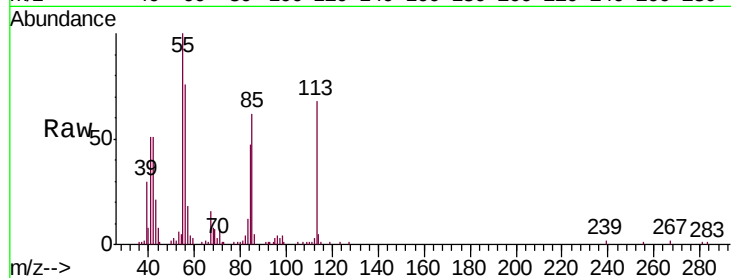




#35
Caprolactam
Concen: 22.333 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.03 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

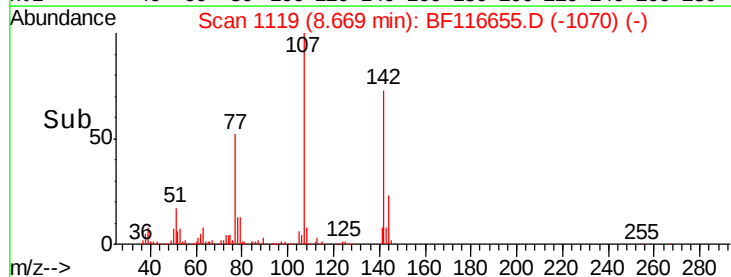
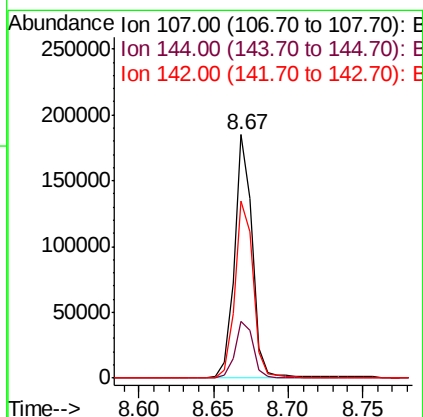
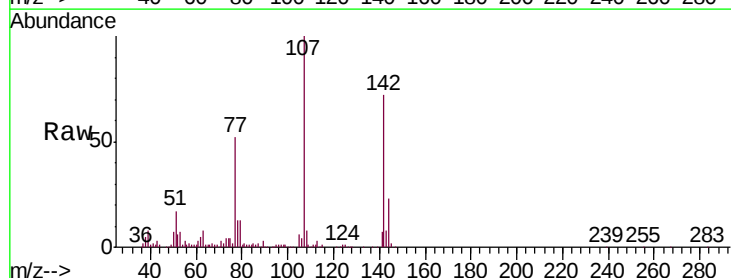
Instrument :
BNA_F
ClientSampleId :

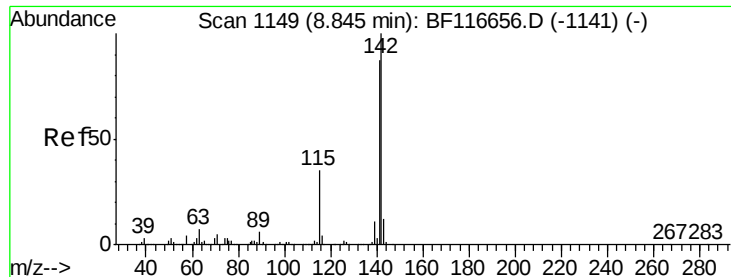
Tot Ion:113 Resp: 50184
Ion Ratio Lower Upper
113 100
55 147.7 124.3 164.3
56 111.7 94.6 134.6



#36
4-Chloro-3-methylphenol
Concen: 19.844 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion:107 Resp: 155580
Ion Ratio Lower Upper
107 100
144 23.4 18.6 27.8
142 72.5 58.5 87.7

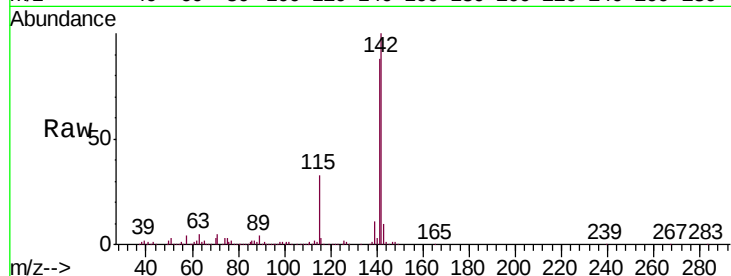




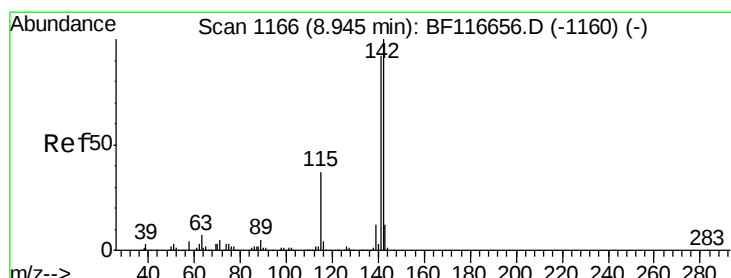
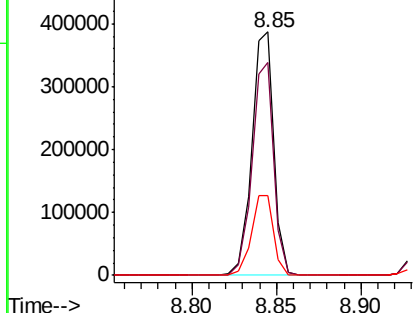
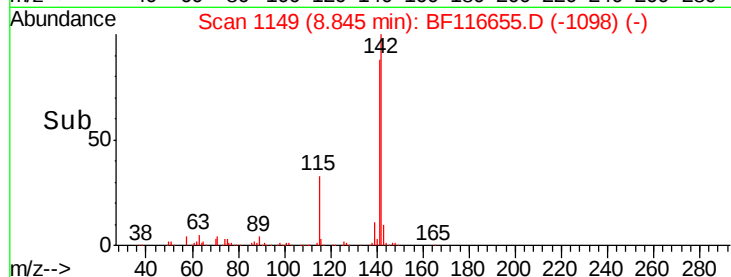
#37
2-Methylnaphthalene
Concen: 20.943 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.6	109.0
115	32.7	29.8	44.6

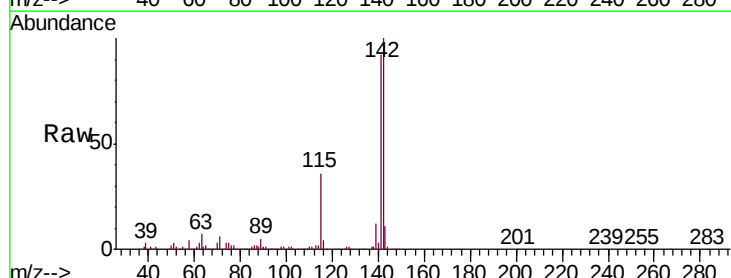


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

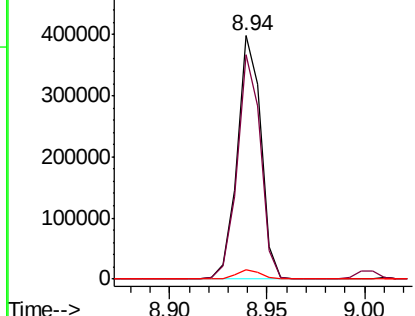
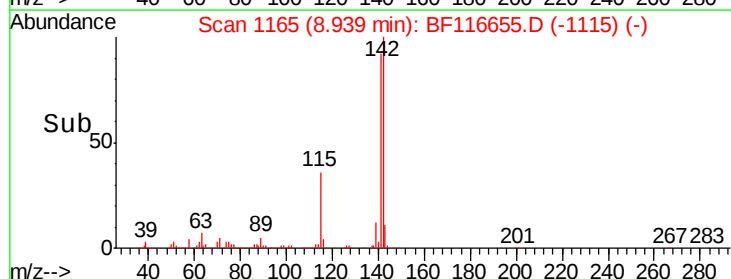


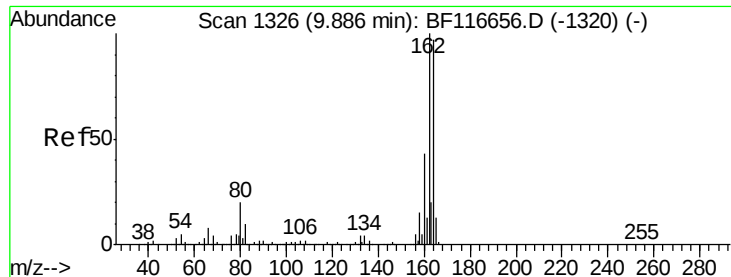
#38
1-Methylnaphthalene
Concen: 21.104 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	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

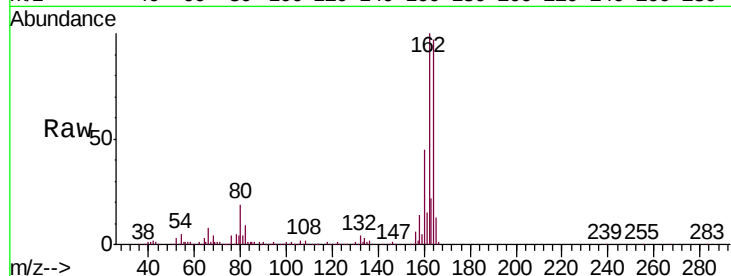




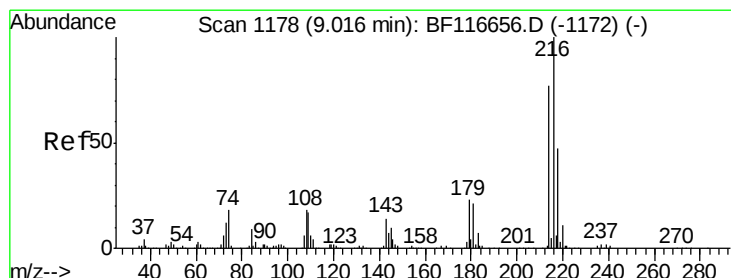
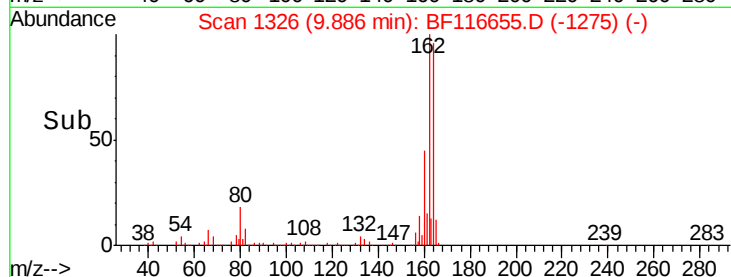
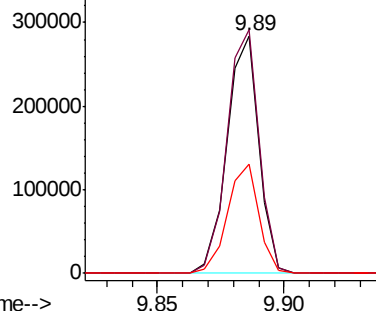
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 249774
Ion Ratio Lower Upper
164 100
162 102.6 81.4 122.0
160 46.2 35.4 53.2

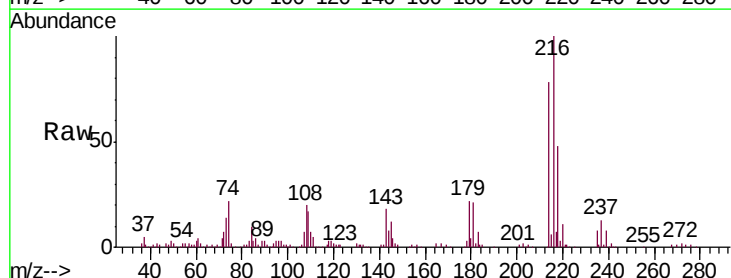


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

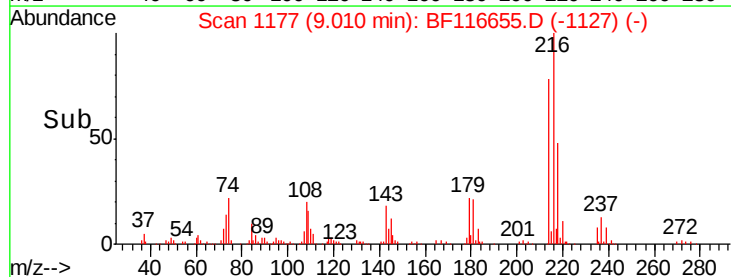
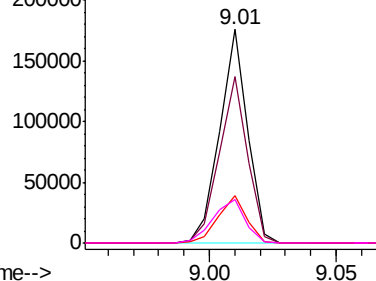


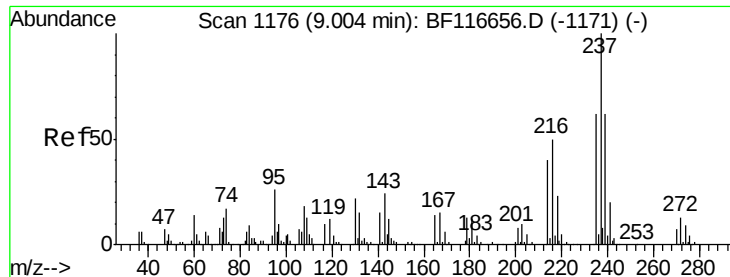
#40
1,2,4,5-Tetrachlorobenzene
Concen: 15.934 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion:216 Resp: 135013
Ion Ratio Lower Upper
216 100
214 78.7 62.7 94.1
179 23.0 19.3 28.9
108 23.5 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: 14.464 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Instrument :

BNA_F

ClientSampled :

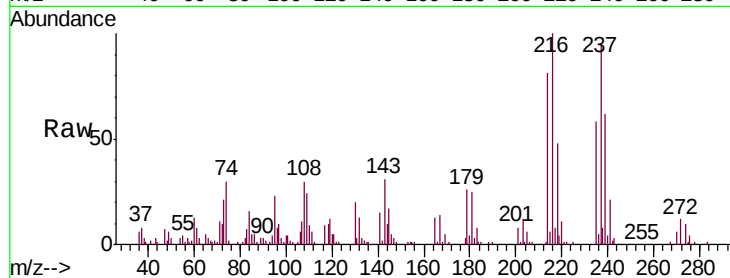
Tot Ion:237 Resp: 71834

Ion Ratio Lower Upper

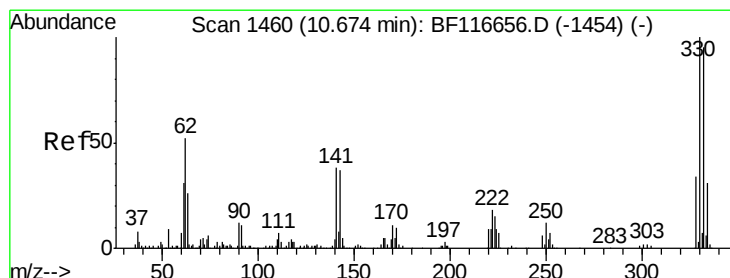
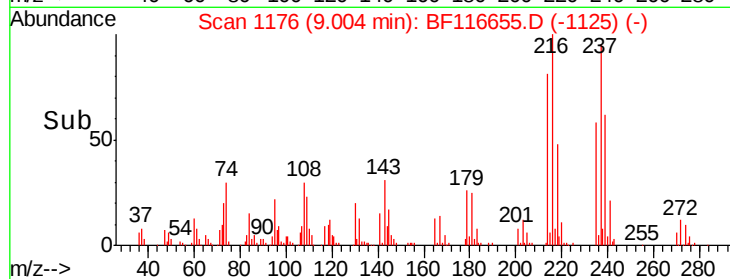
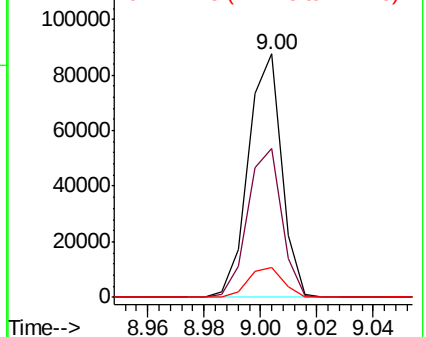
237 100

235 61.2 41.4 81.4

272 12.5 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: 24.544 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

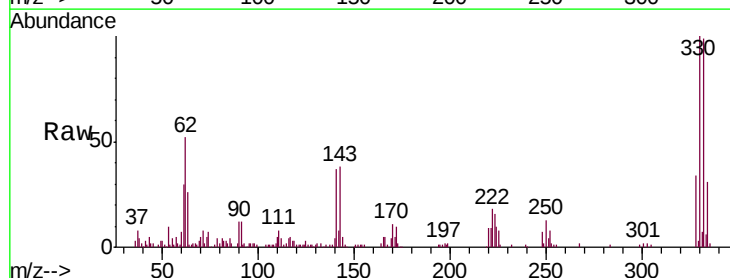
Tgt Ion:330 Resp: 70693

Ion Ratio Lower Upper

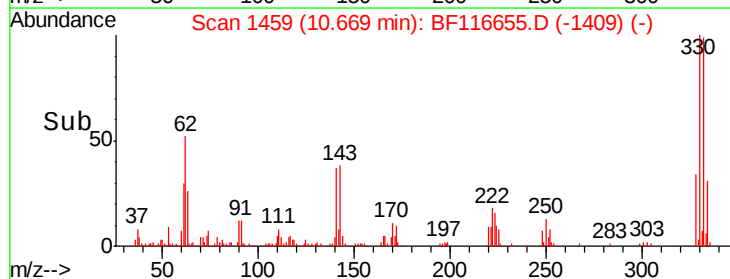
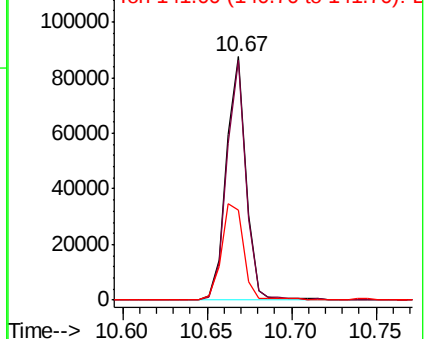
330 100

332 96.9 76.9 115.3

141 45.1 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

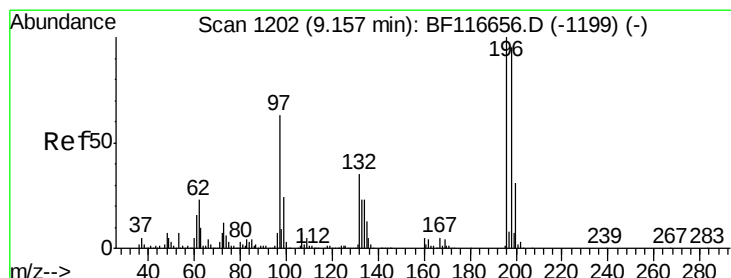
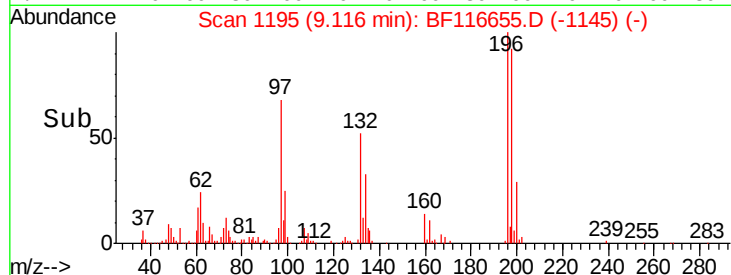
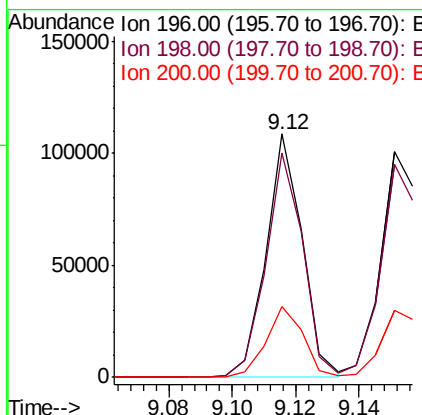
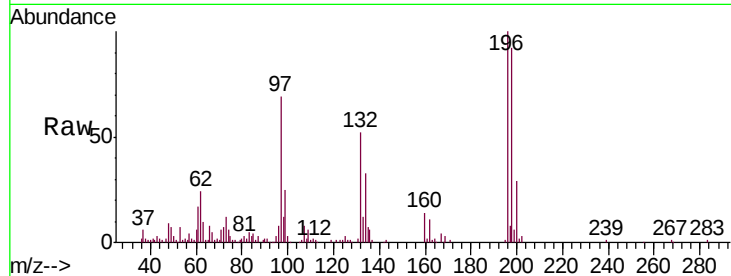




#43
 2,4,6-Trichlorophenol
 Concen: 15.132 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116655.D
 Acq: 30 Aug 2019 16:55

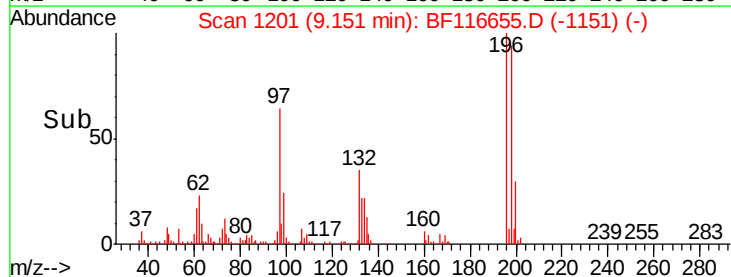
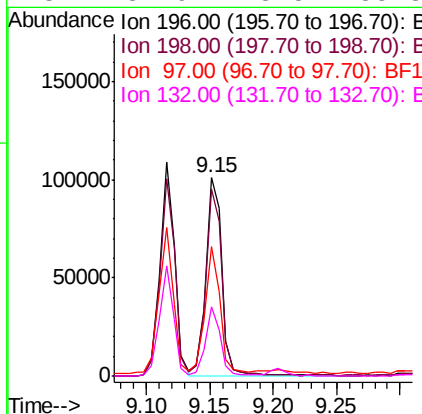
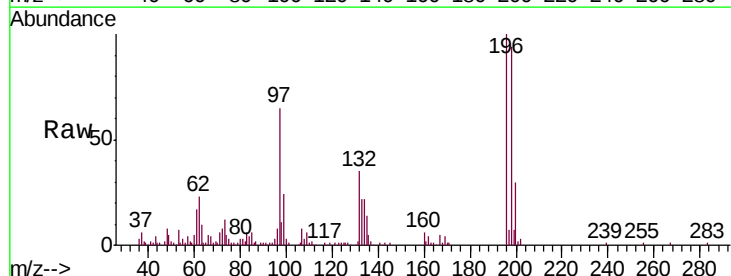
Instrument :
 BNA_F
 ClientSampled :

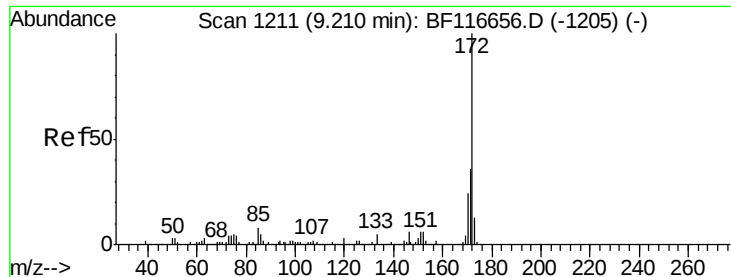
Tot Ion:196 Resp: 86452
 Ion Ratio Lower Upper
 196 100
 198 92.3 79.1 118.7
 200 29.0 24.0 36.0



#44
 2,4,5-Trichlorophenol
 Concen: 15.595 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF116655.D
 Acq: 30 Aug 2019 16:55

Tgt Ion:196 Resp: 90516
 Ion Ratio Lower Upper
 196 100
 198 94.3 78.1 117.1
 97 65.3 41.6 62.4#
 132 34.9 23.5 35.3

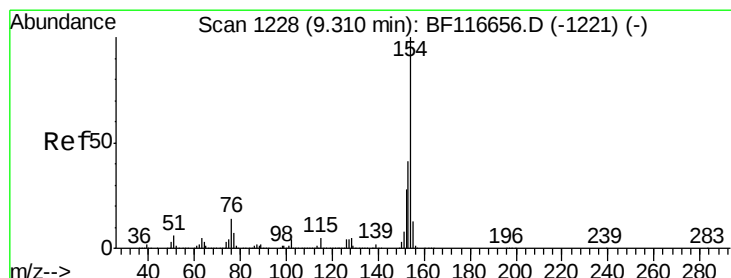
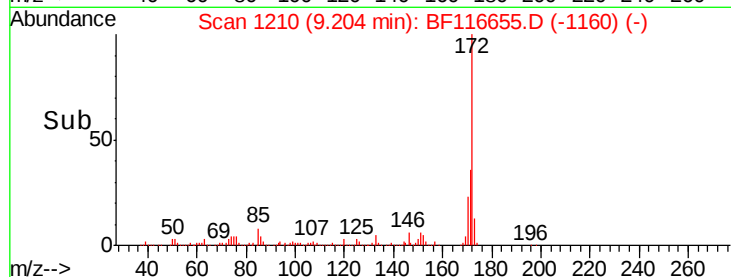
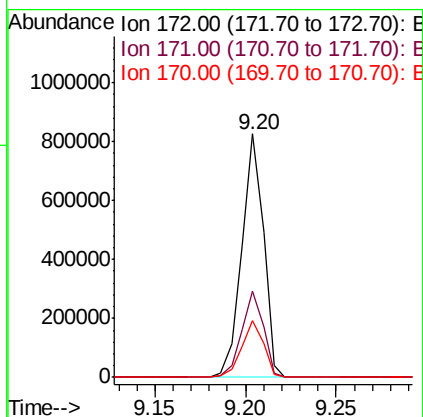
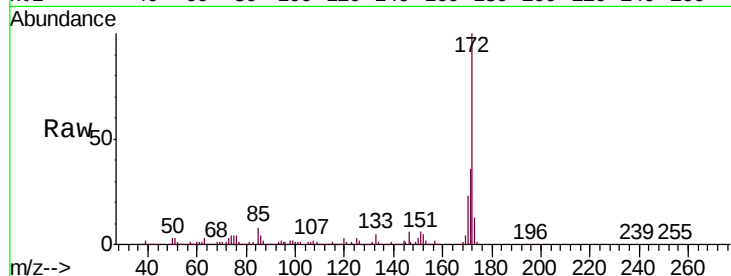




#45
2-Fluorobiphenyl
Concen: 34.456 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

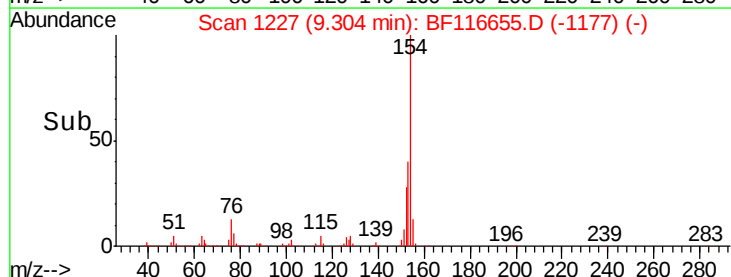
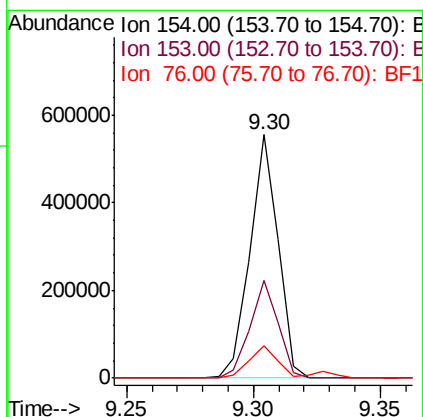
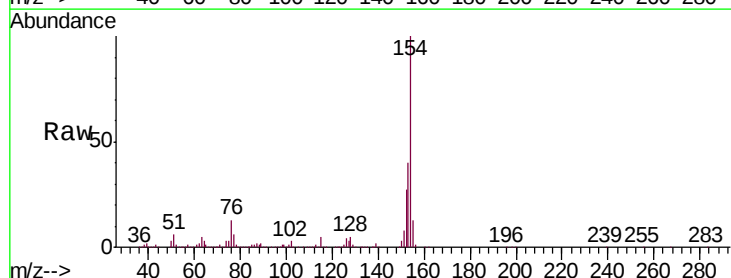
Instrument :
BNA_F
ClientSampled :

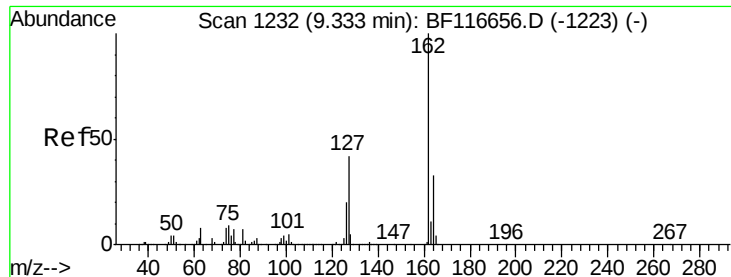
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.6
170	23.4	18.9	28.3



#46
1,1'-Biphenyl
Concen: 17.702 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.2	61.2
76	13.2	0.0	30.9

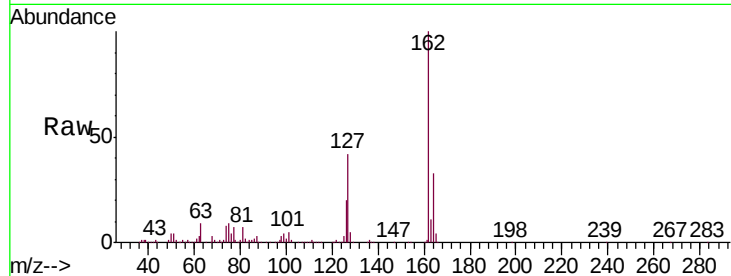




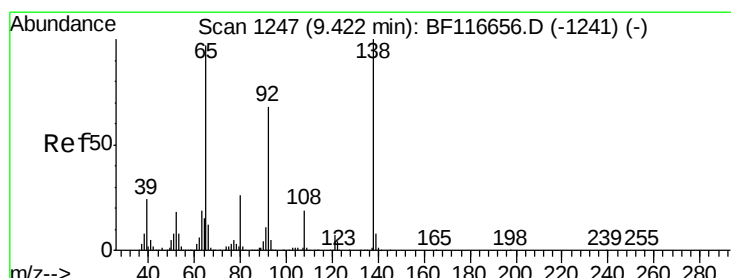
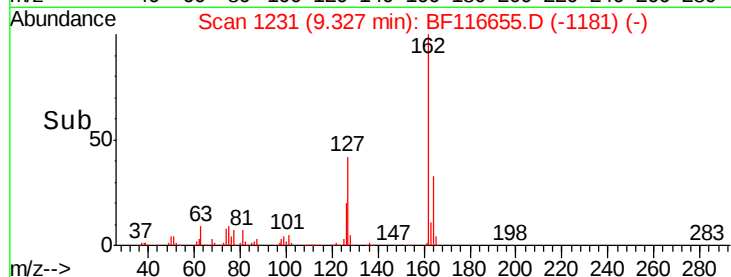
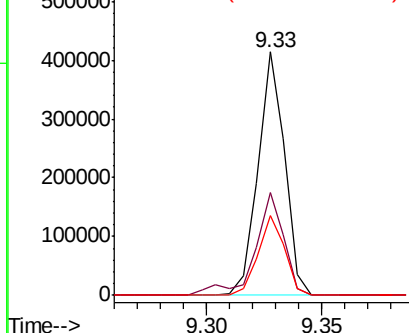
#47
2-Chloronaphthalene
Concen: 17.839 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 333273
Ion Ratio Lower Upper
162 100
127 42.4 33.4 50.2
164 32.6 26.6 39.8

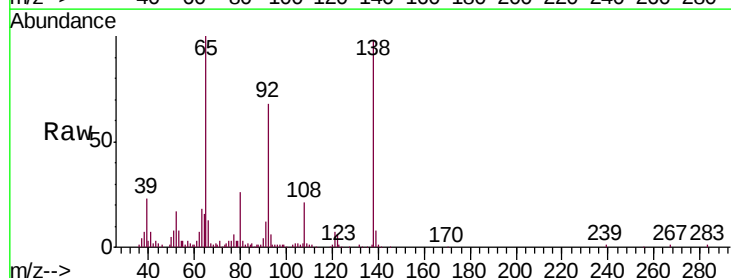


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

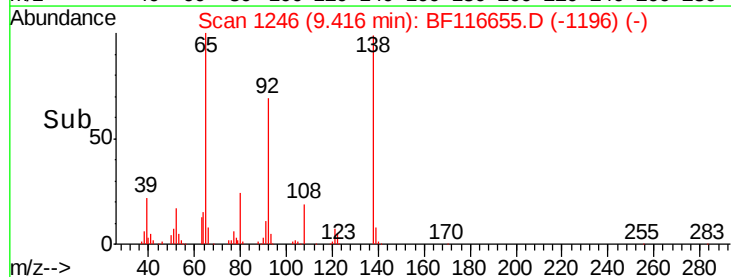
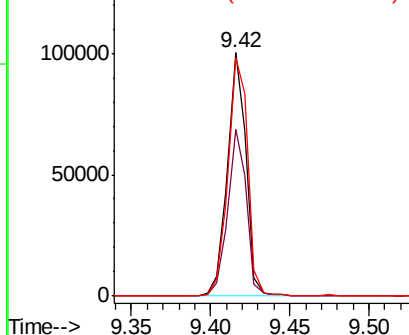


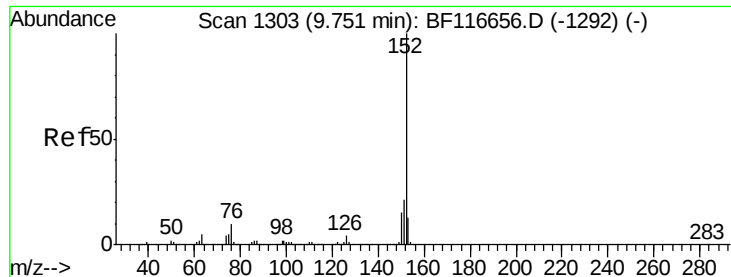
#48
2-Nitroaniline
Concen: 14.282 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion: 65 Resp: 81780
Ion Ratio Lower Upper
65 100
92 68.4 57.1 85.7
138 98.1 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

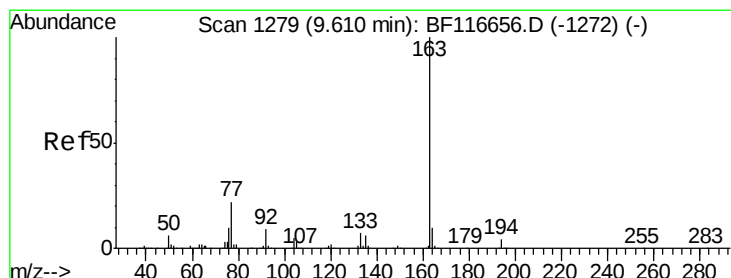
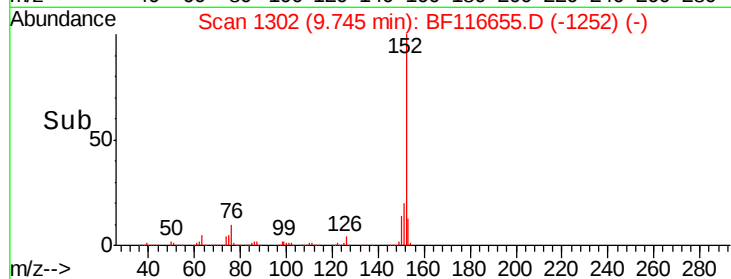
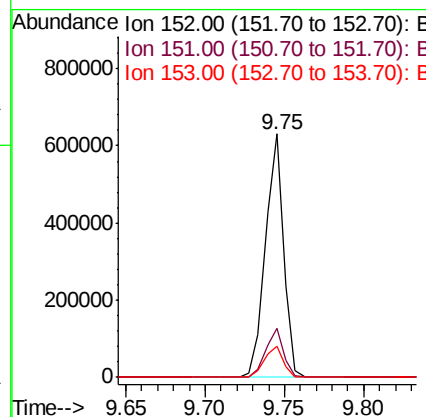
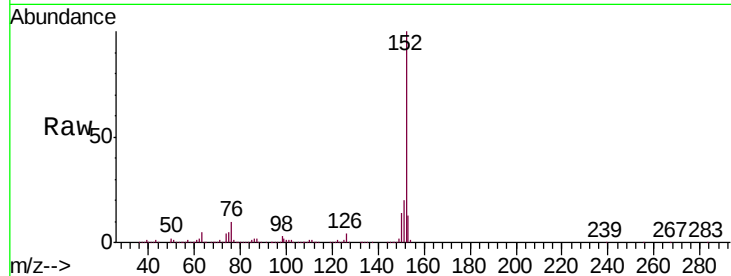




#49
Acenaphthylene
Concen: 20.085 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

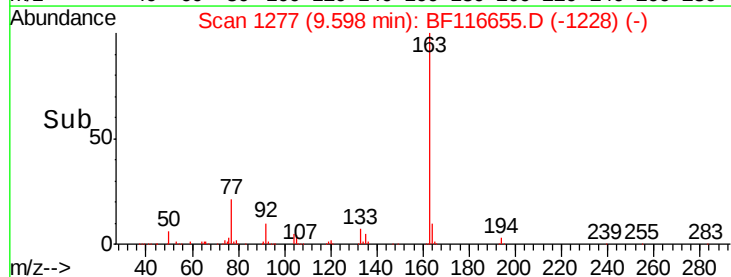
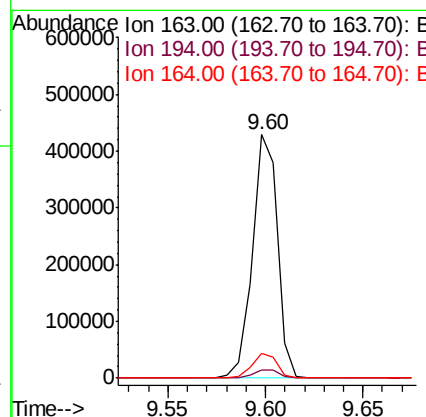
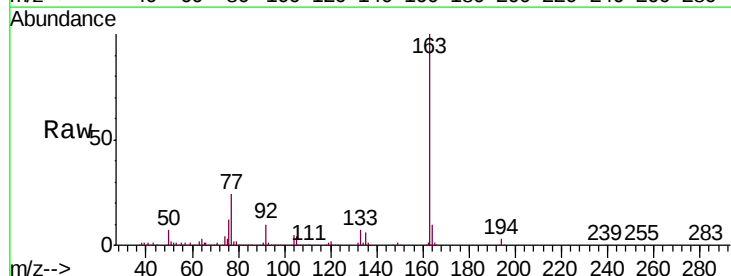
Instrument :
BNA_F
ClientSampleId :

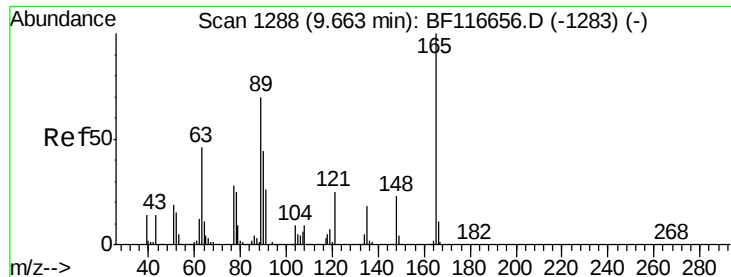
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.0	10.9	16.3



#50
Dimethylphthalate
Concen: 17.789 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.2	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 14.885 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Instrument :

BNA_F

ClientSampleId :

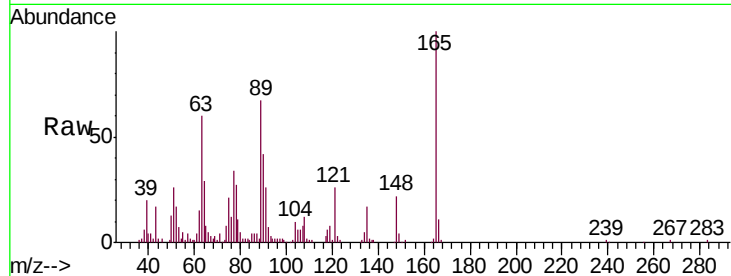
Tot Ion:165 Resp: 65131

Ion Ratio Lower Upper

165 100

63 59.7 47.3 70.9

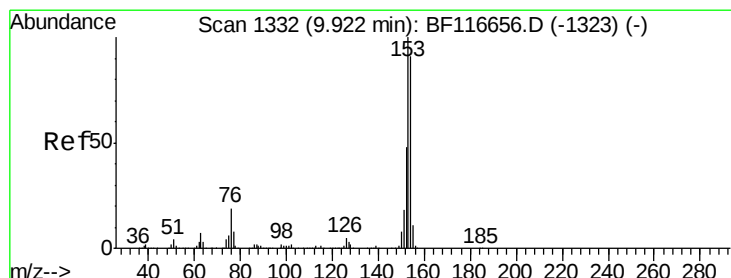
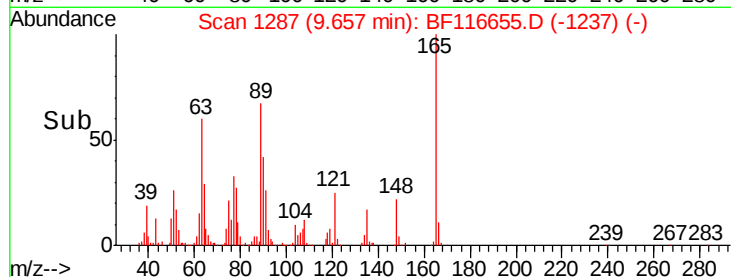
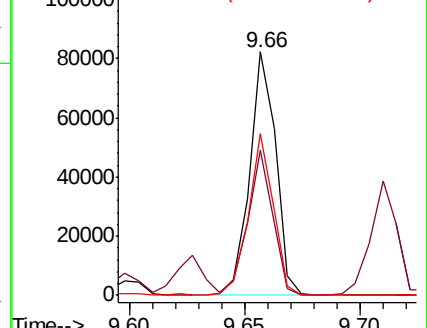
89 66.5 52.5 78.7



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: 19.891 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

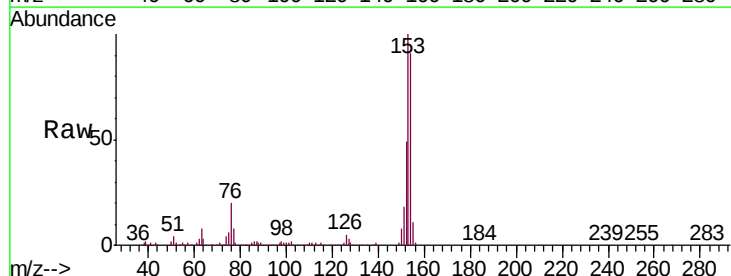
Tgt Ion:154 Resp: 307052

Ion Ratio Lower Upper

154 100

153 109.7 89.5 134.3

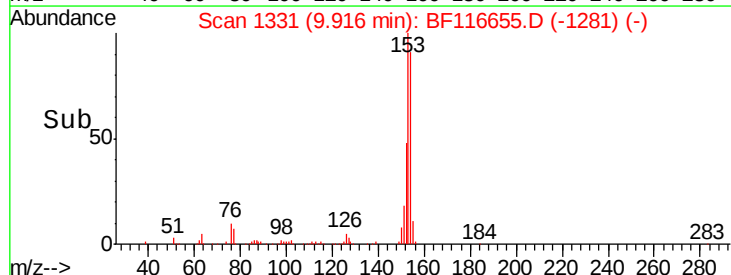
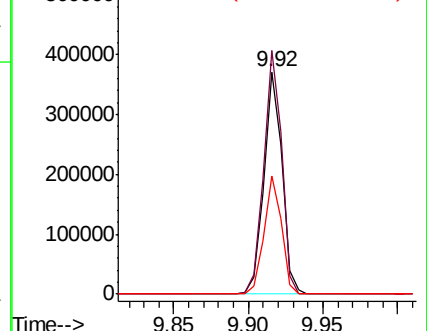
152 53.4 41.9 62.9

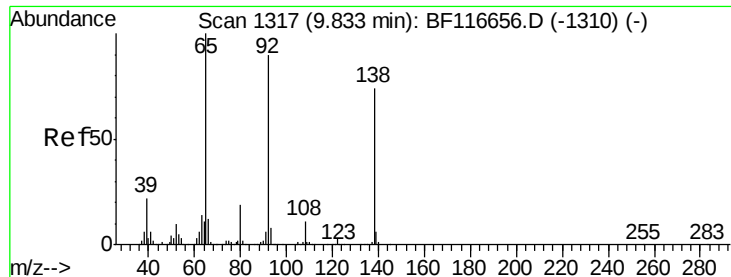


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

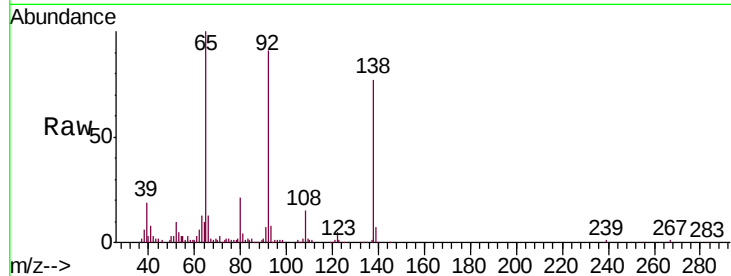




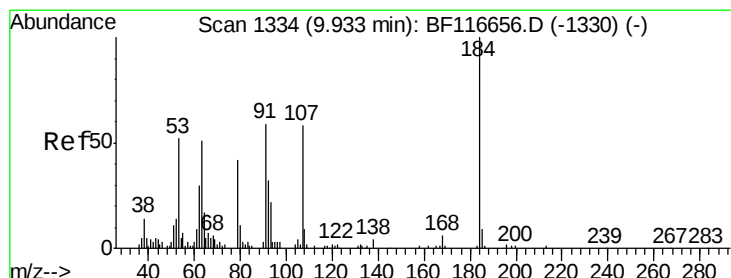
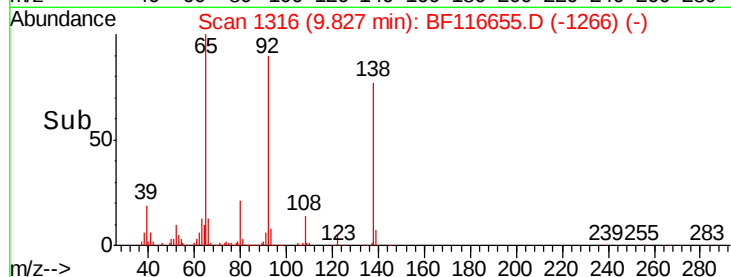
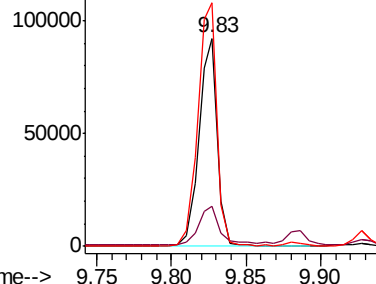
#53
3-Nitroaniline
Concen: 17.022 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 81160
Ion Ratio Lower Upper
138 100
108 19.0 8.5 12.7#
92 117.0 87.2 130.8

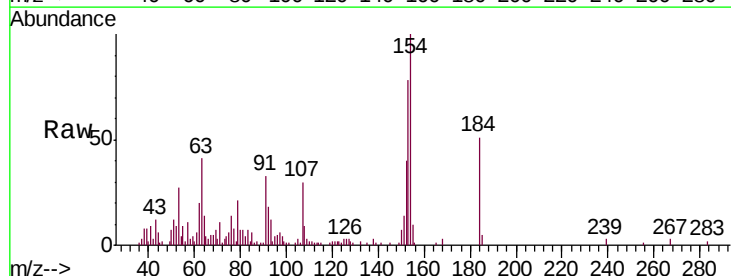


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

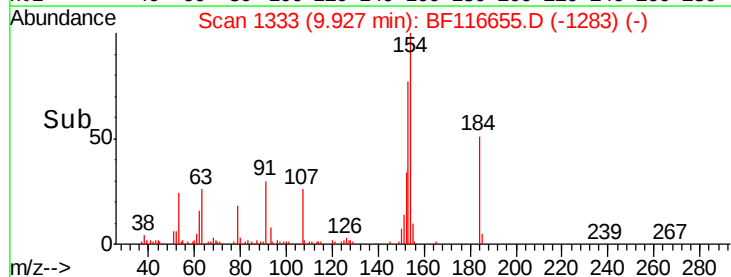
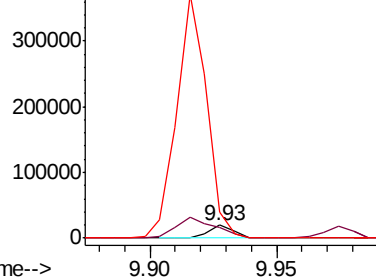


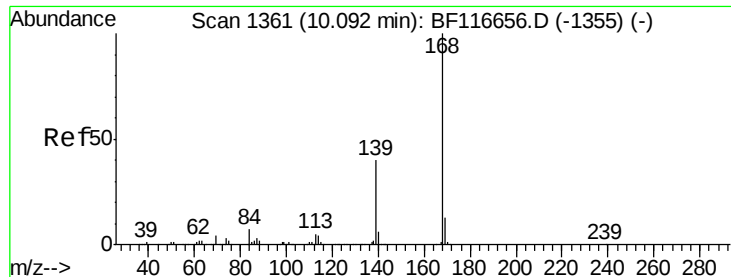
#54
2,4-Dinitrophenol
Concen: 7.949 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion:184 Resp: 14502
Ion Ratio Lower Upper
184 100
63 78.8 52.2 78.2#
154 194.4 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

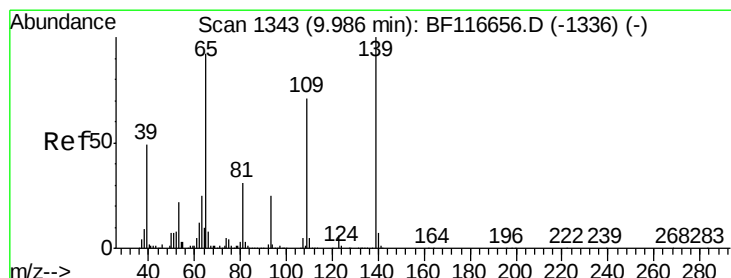
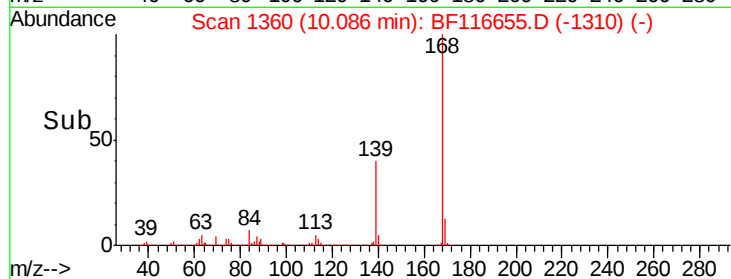
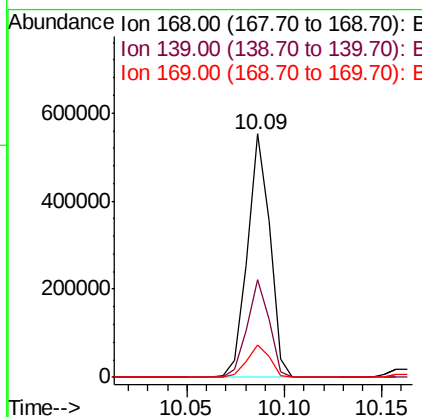
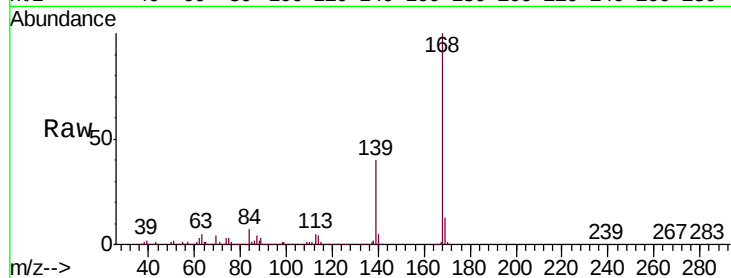




#55
Dibenzenofuran
Concen: 18.878 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

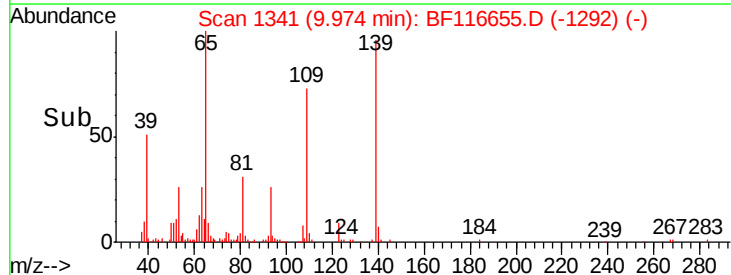
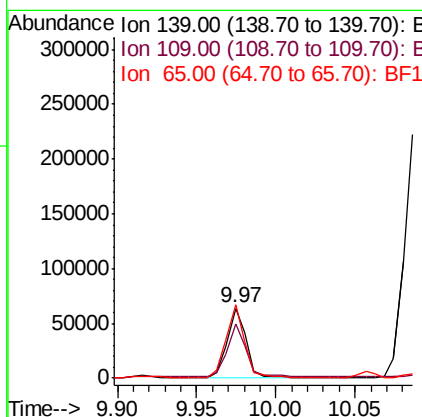
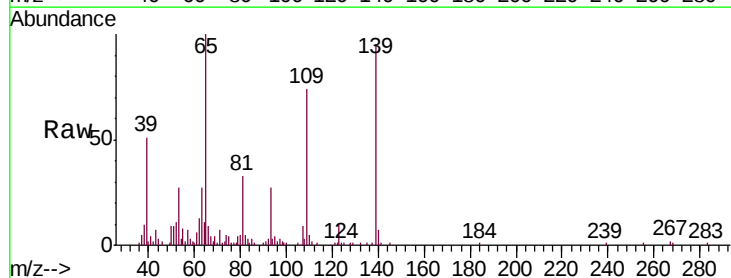
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	31.5	47.3
169	13.1	10.3	15.5



#56
4-Nitrophenol
Concen: 16.407 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.9	61.7	101.7
65	105.5	89.1	129.1

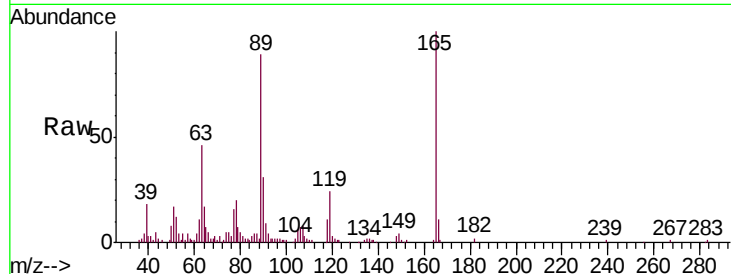




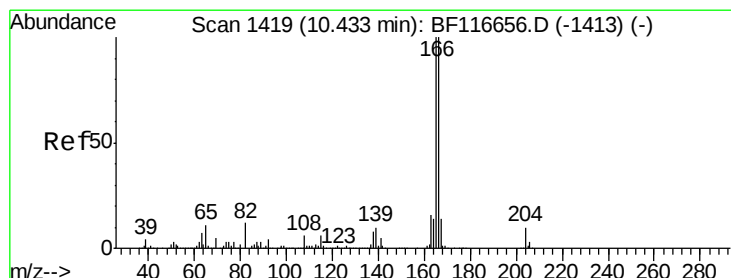
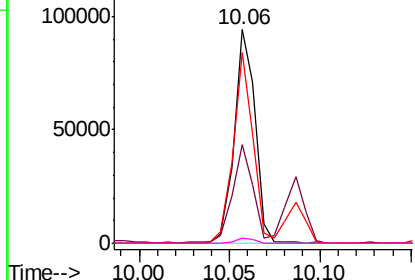
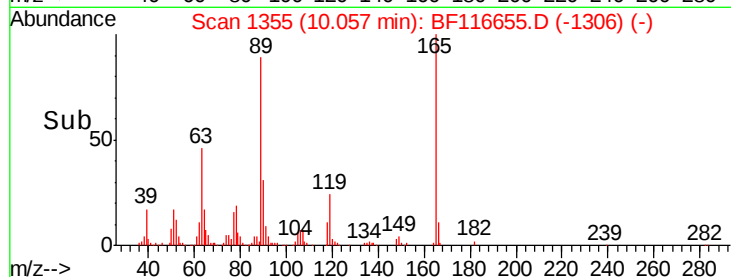
#57
 2,4-Dinitrotoluene
 Concen: 13.973 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF116655.D
 Acq: 30 Aug 2019 16:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 75572
 Ion Ratio Lower Upper
 165 100
 63 46.1 36.4 54.6
 89 89.2 62.6 94.0
 182 2.4 2.1 3.1

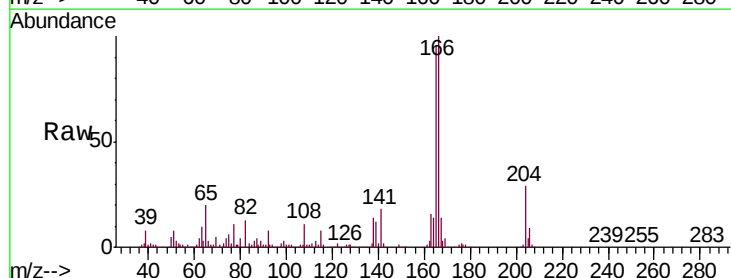


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

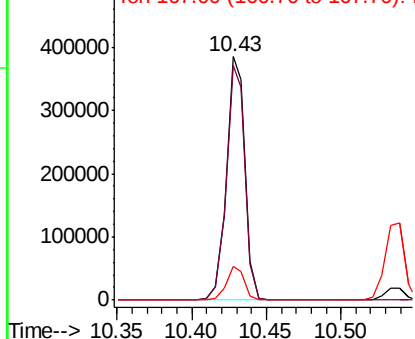
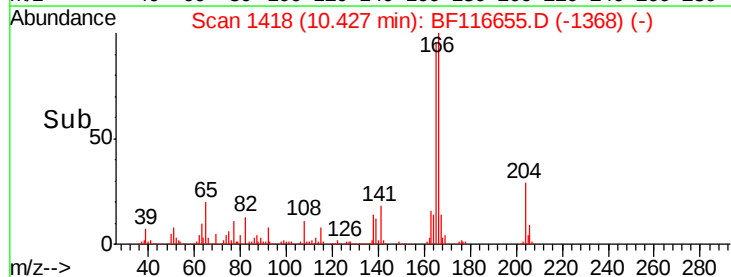


#58
 Fluorene
 Concen: 17.971 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF116655.D
 Acq: 30 Aug 2019 16:55

Tgt Ion:166 Resp: 338898
 Ion Ratio Lower Upper
 166 100
 165 96.3 78.8 118.2
 167 13.8 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

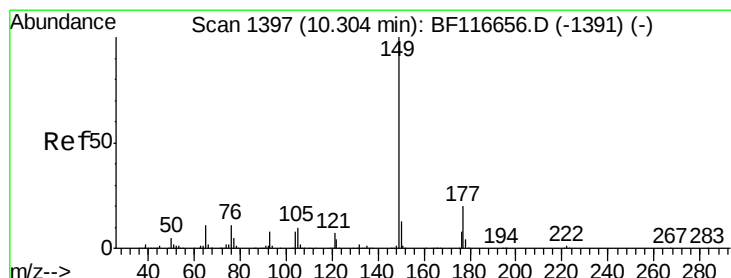
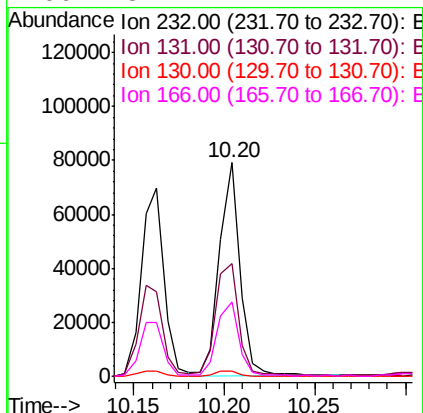
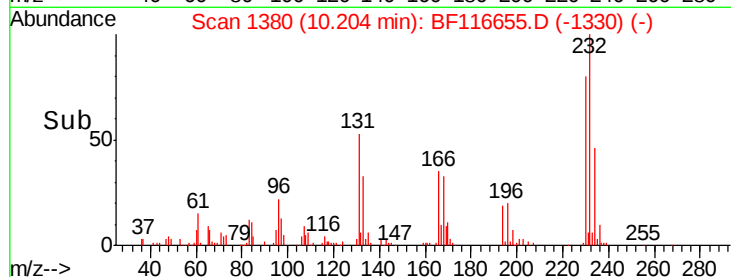
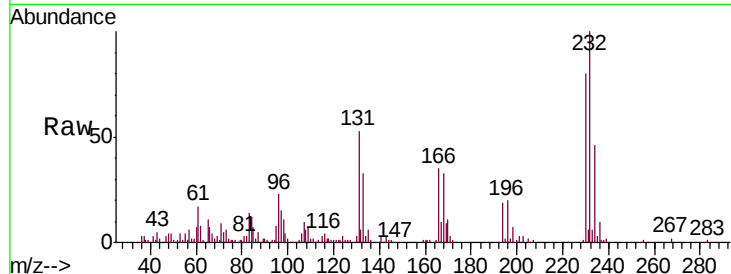




#59
2,3,4,6-Tetrachlorophenol
Concen: 14.001 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

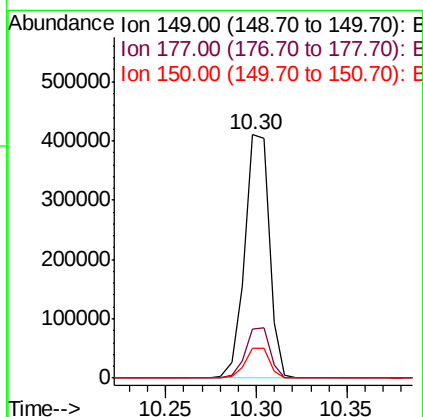
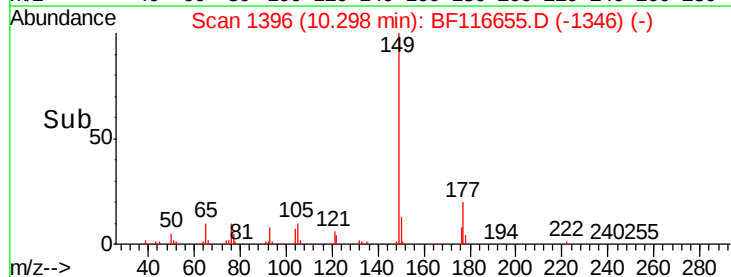
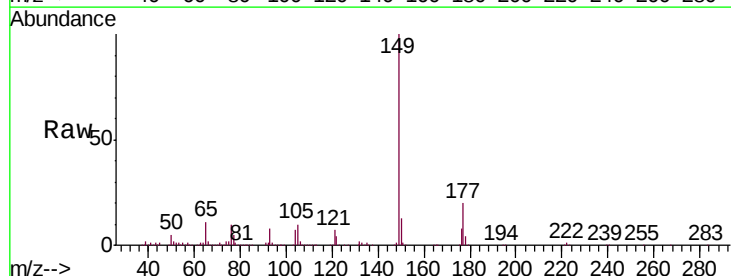
Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 62774
Ion Ratio Lower Upper
232 100
131 61.3 42.7 64.1
130 2.7 1.9 2.9
166 37.2 27.4 41.2



#60
Diethylphthalate
Concen: 19.258 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion:149 Resp: 387607
Ion Ratio Lower Upper
149 100
177 20.1 17.2 25.8
150 12.5 9.7 14.5

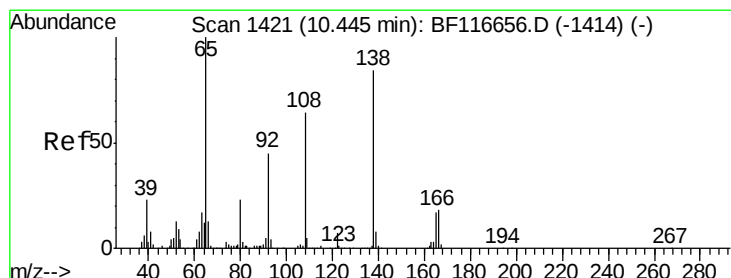
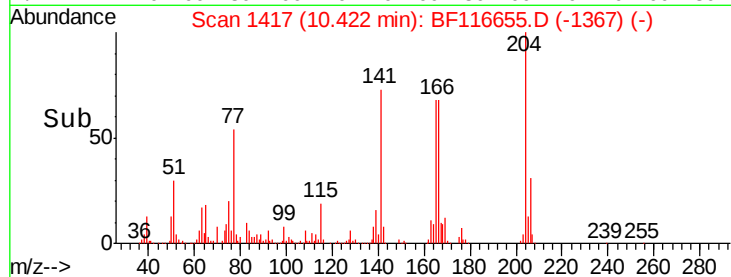
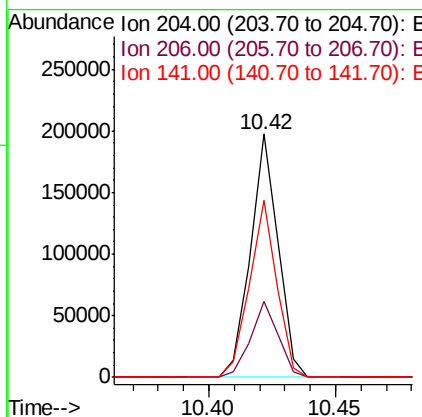
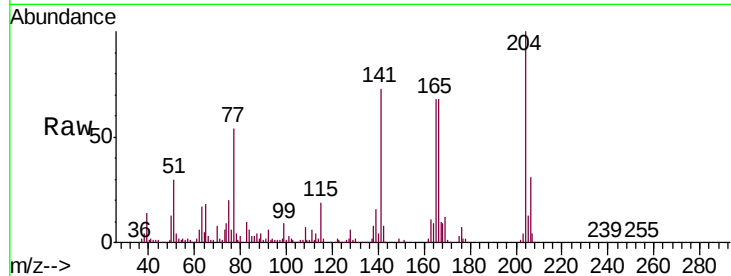




#61
4-Chlorophenyl-phenylether
Concen: 16.182 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

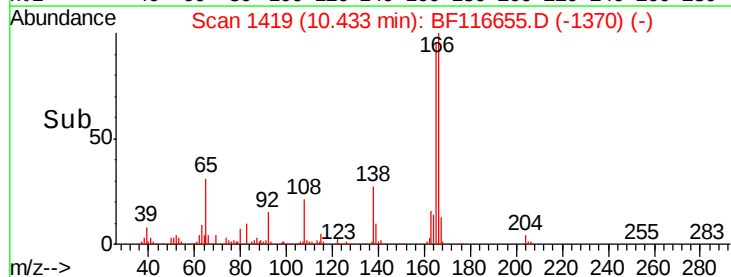
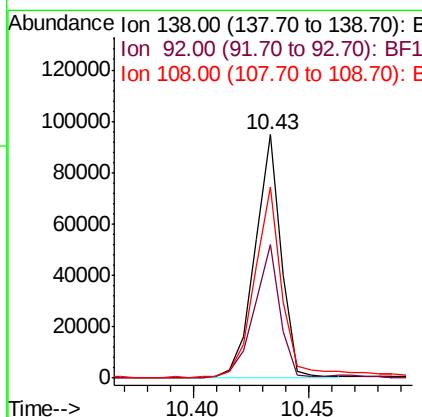
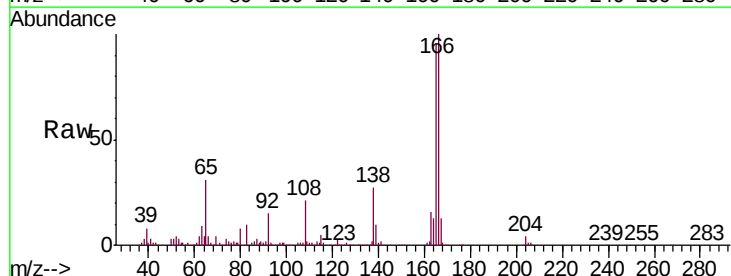
Instrument :
BNA_F
ClientSampled :

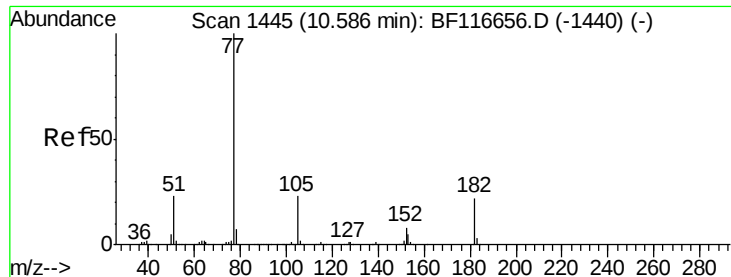
Tot Ion:204 Resp: 150660
Ion Ratio Lower Upper
204 100
206 31.2 25.4 38.2
141 72.7 53.8 80.8



#62
4-Nitroaniline
Concen: 14.588 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion:138 Resp: 75608
Ion Ratio Lower Upper
138 100
92 54.7 28.7 68.7
108 78.7 60.4 100.4

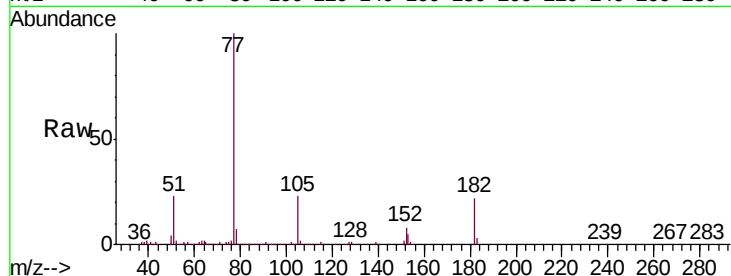




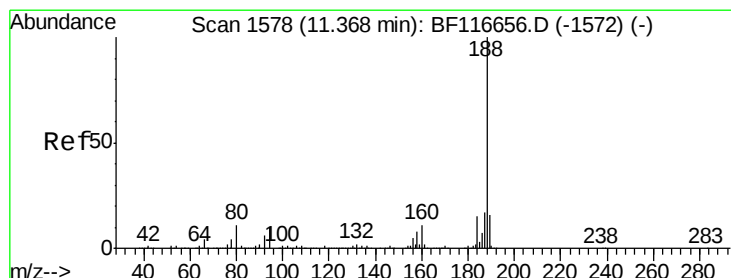
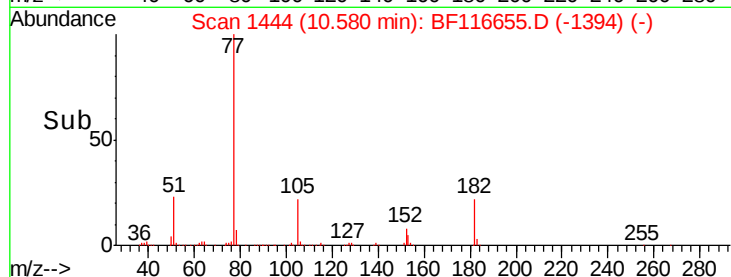
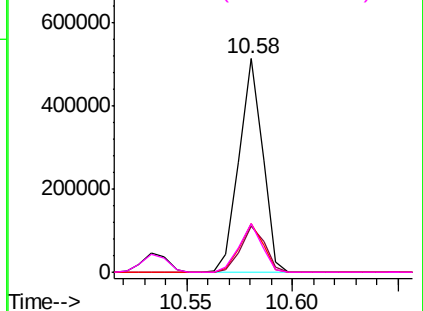
#63
Azobenzene
Concen: 19.709 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	394330
Ion	Ratio	Lower	Upper
77	100		
182	21.6	1.2	41.2
105	22.5	0.6	40.6
51	22.9	8.2	48.2

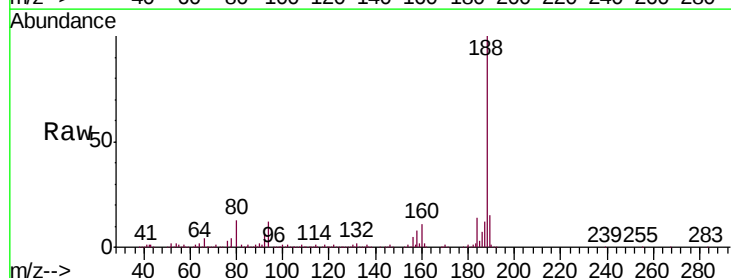


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

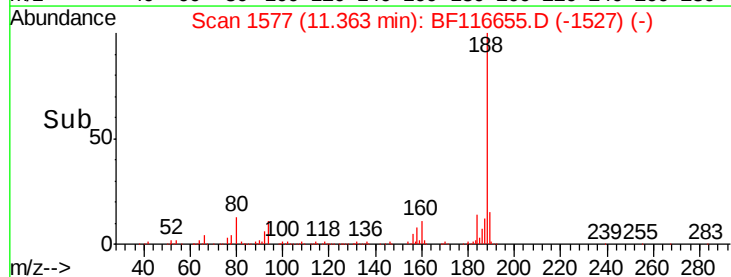
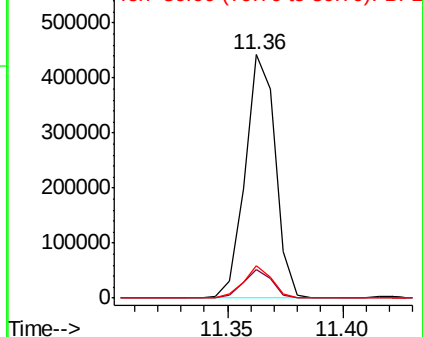


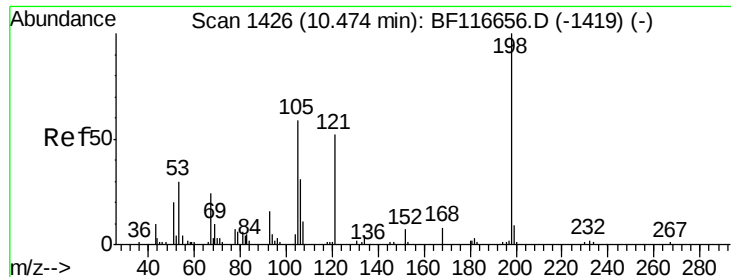
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion:	188	Resp:	404456
Ion	Ratio	Lower	Upper
188	100		
94	11.5	7.3	10.9#
80	13.1	8.4	12.6#



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

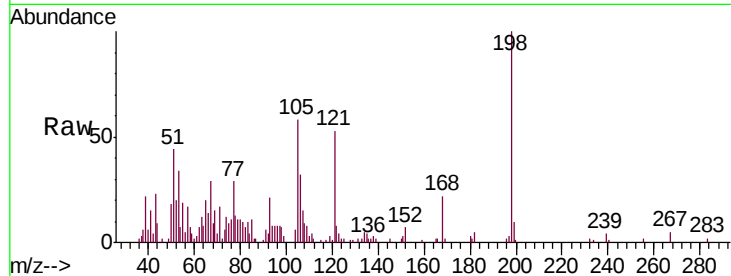




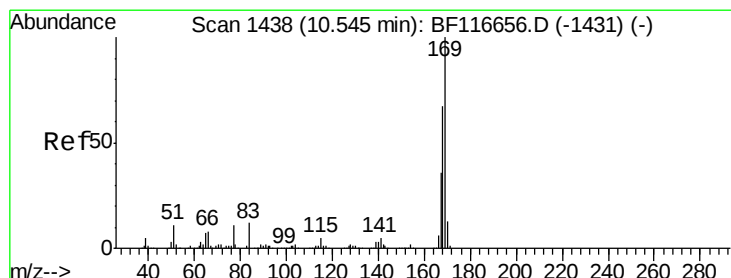
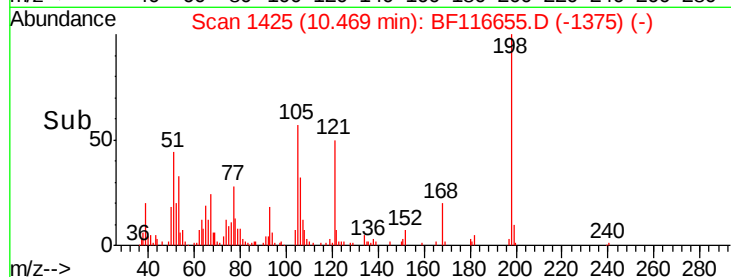
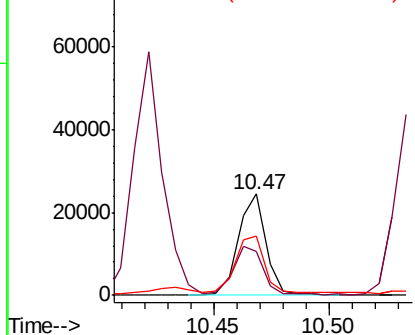
#65
4,6-Dinitro-2-methylphenol
Concen: 9.317 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 20341
Ion Ratio Lower Upper
198 100
51 43.8 18.4 58.4
105 58.5 22.9 62.9

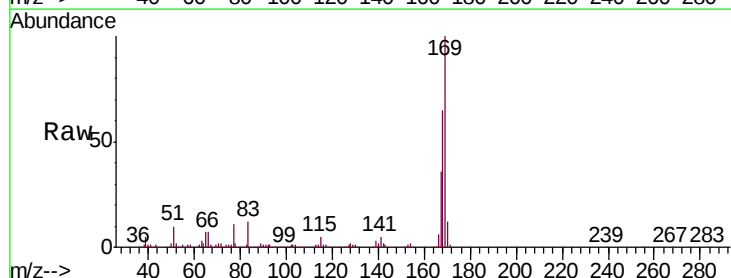


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

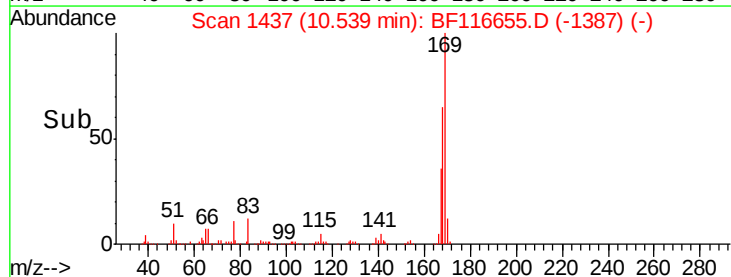
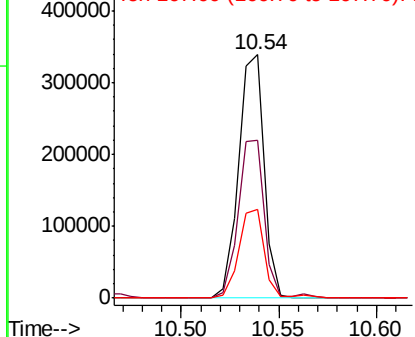


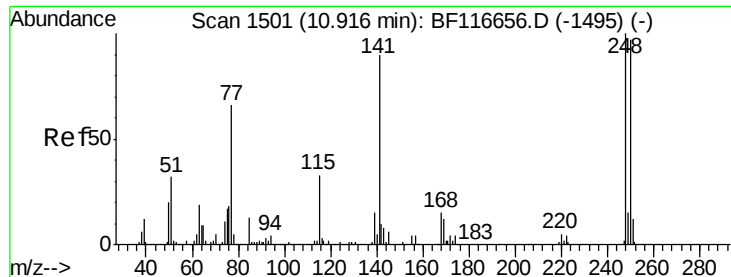
#66
n-Nitrosodiphenylamine
Concen: 22.823 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion:169 Resp: 306841
Ion Ratio Lower Upper
169 100
168 65.0 55.8 83.6
167 36.3 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

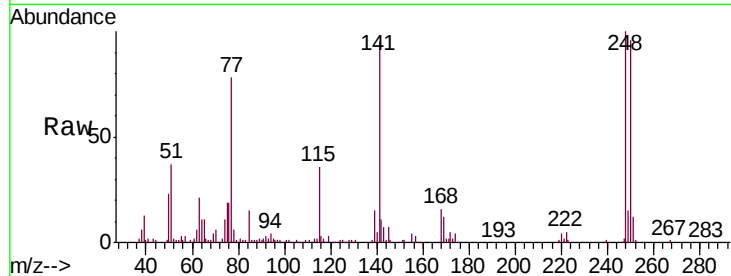




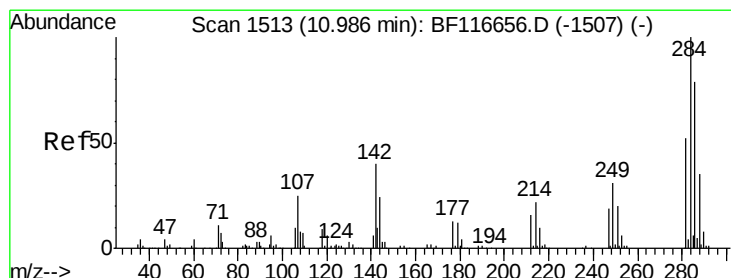
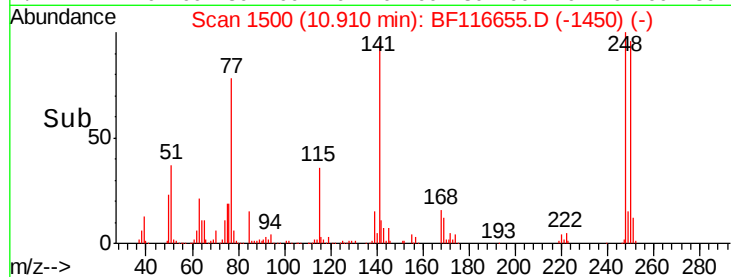
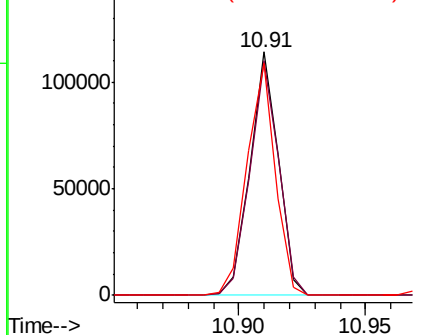
#67
4-Bromophenyl-phenylether
Concen: 19.322 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 88920
Ion Ratio Lower Upper
248 100
250 96.3 77.8 116.8
141 95.2 75.9 113.9

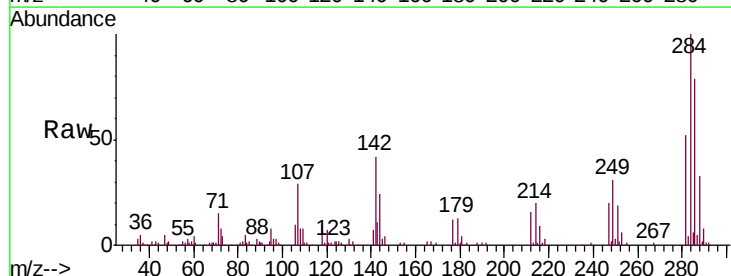


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

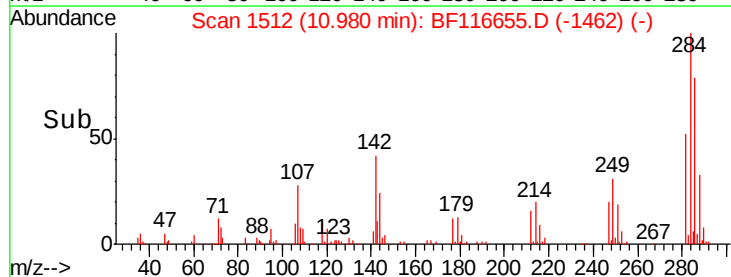
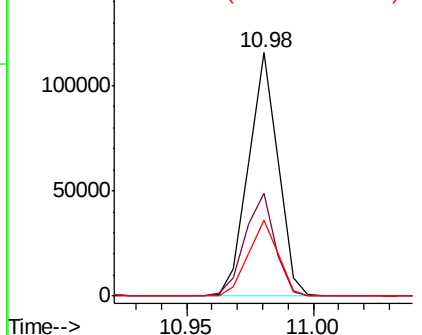


#68
Hexachlorobenzene
Concen: 18.578 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion:284 Resp: 94161
Ion Ratio Lower Upper
284 100
142 42.3 34.0 51.0
249 31.2 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: 21.638 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Instrument :

BNA_F

ClientSampleId :

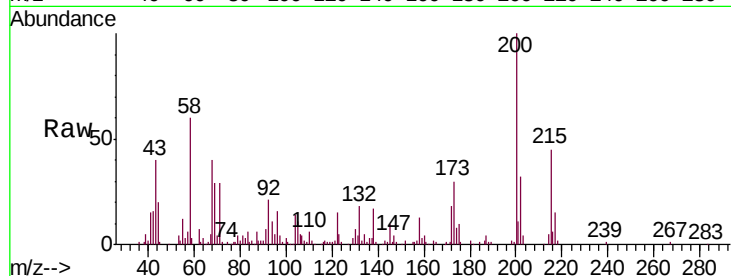
Tot Ion:200 Resp: 88510

Ion Ratio Lower Upper

200 100

173 29.7 6.2 46.2

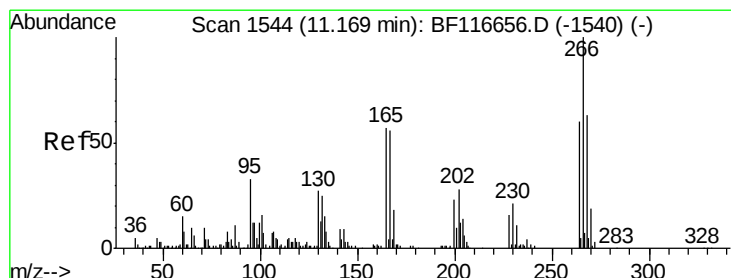
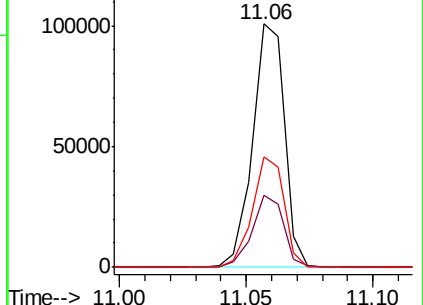
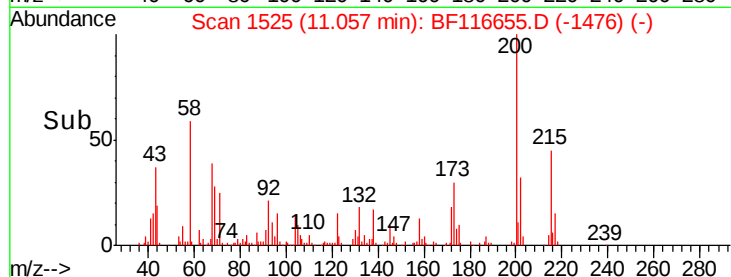
215 45.3 24.3 64.3



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: 13.304 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

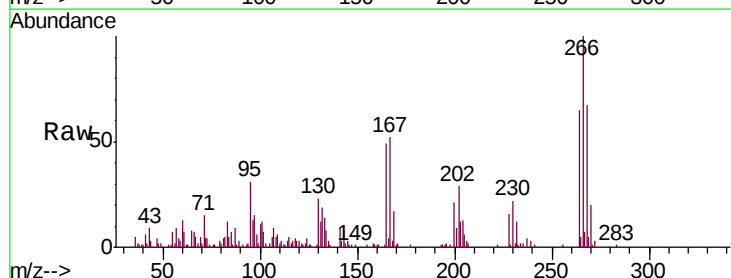
Tgt Ion:266 Resp: 39464

Ion Ratio Lower Upper

266 100

268 66.9 51.2 76.8

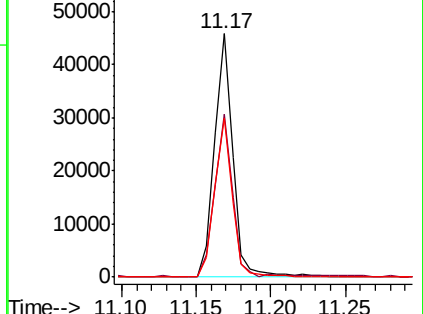
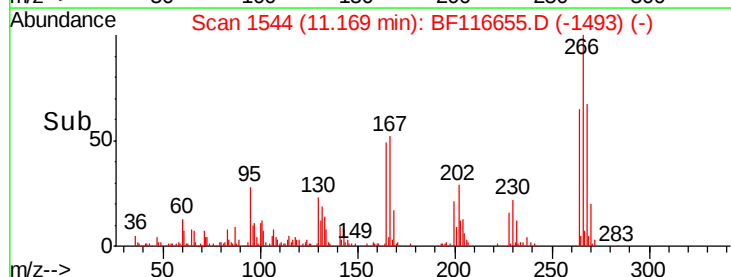
264 65.5 51.9 77.9

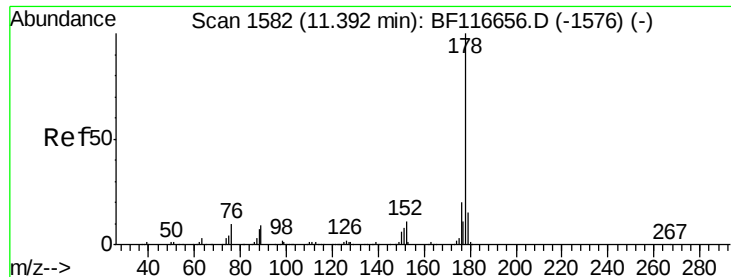


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 22.119 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Instrument :

BNA_F

ClientSampleId :

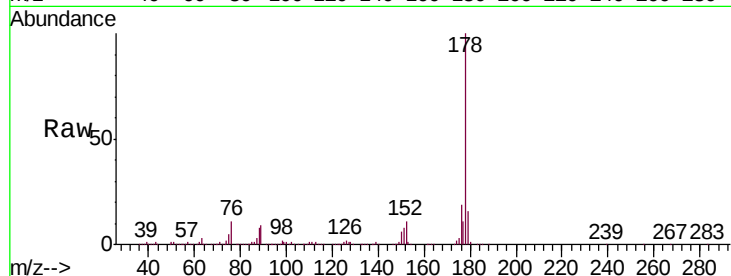
Tot Ion:178 Resp: 502642

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

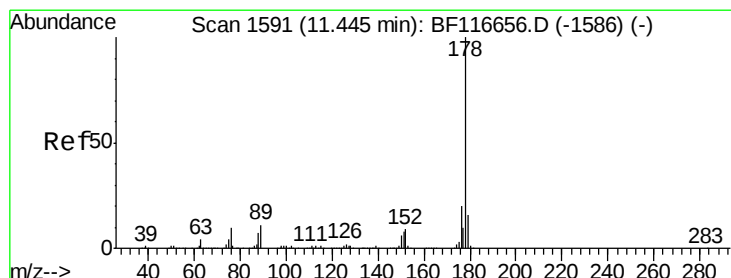
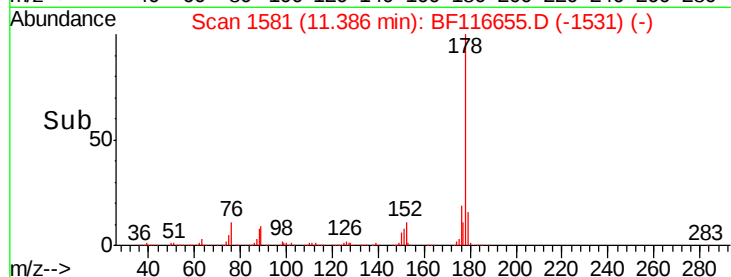
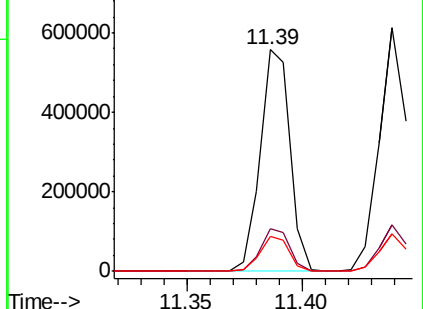
179 15.6 12.2 18.2



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: 21.710 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

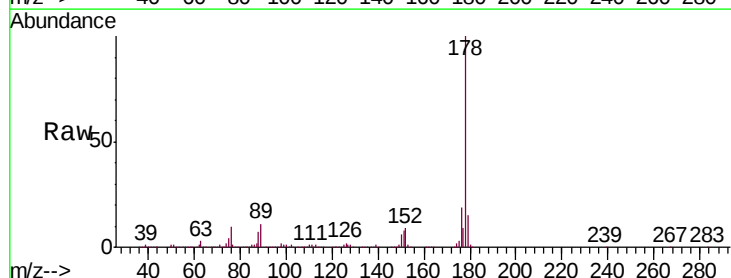
Tgt Ion:178 Resp: 503801

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

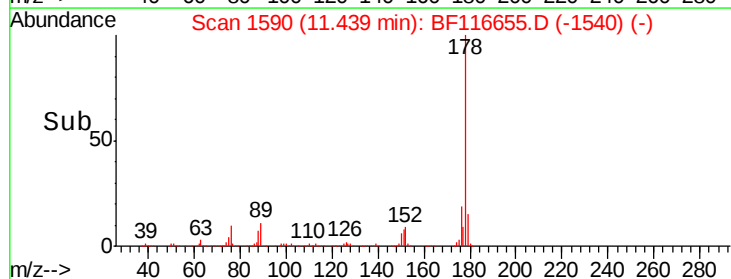
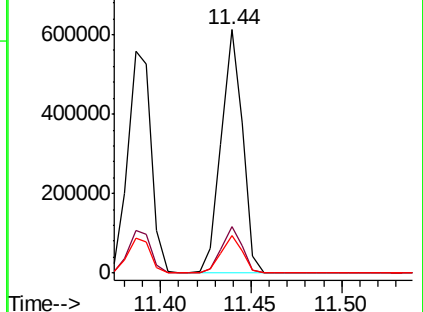
179 15.3 12.5 18.7

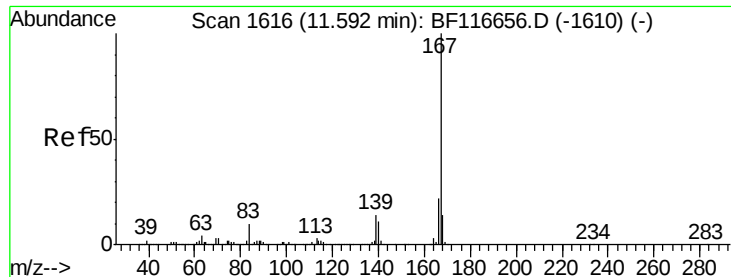


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

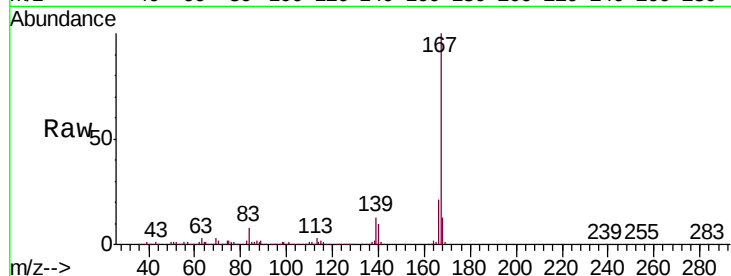




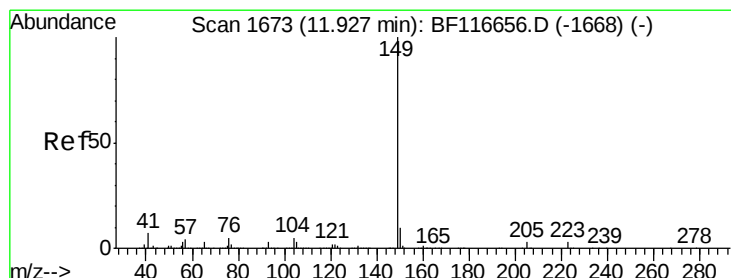
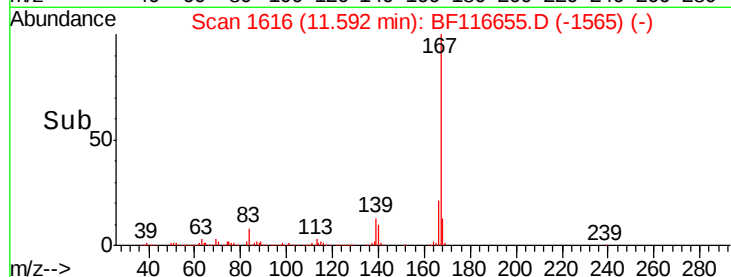
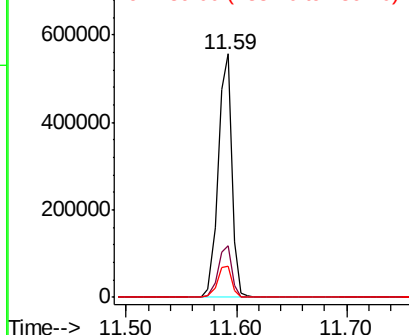
#73
 Carbazole
 Concen: 23.412 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF116655.D
 Acq: 30 Aug 2019 16:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 481061
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.8 26.6
 139 12.9 11.1 16.7

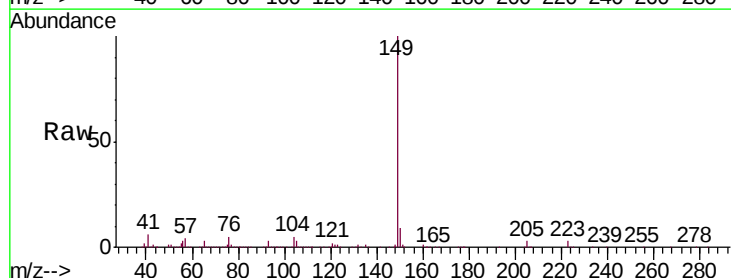


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

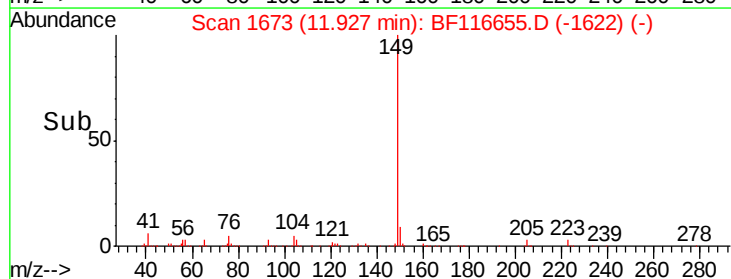
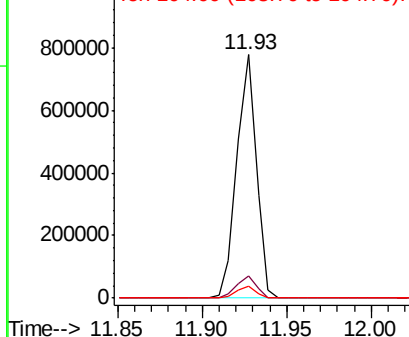


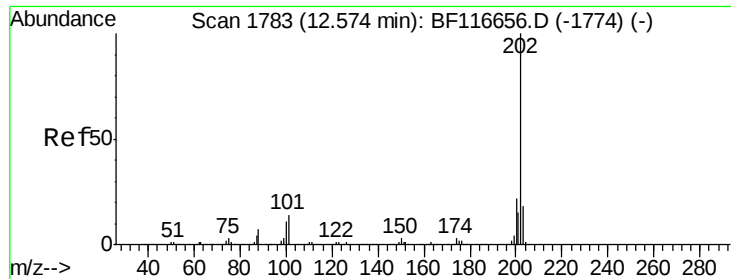
#74
 Di-n-butylphthalate
 Concen: 23.228 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BF116655.D
 Acq: 30 Aug 2019 16:55

Tgt Ion:149 Resp: 627257
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.0 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 21.491 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116655.D

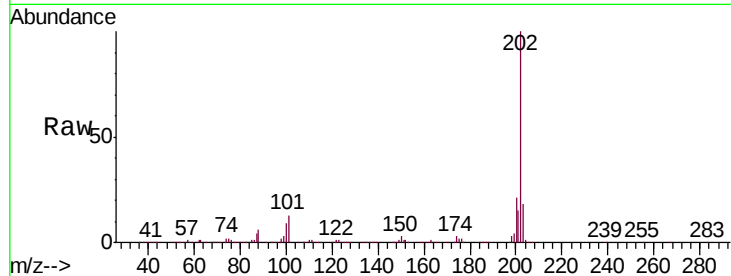
Acq: 30 Aug 2019 16:55

Instrument :

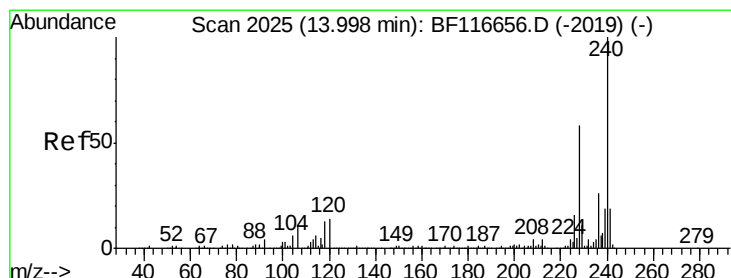
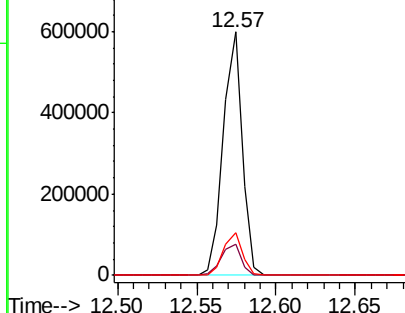
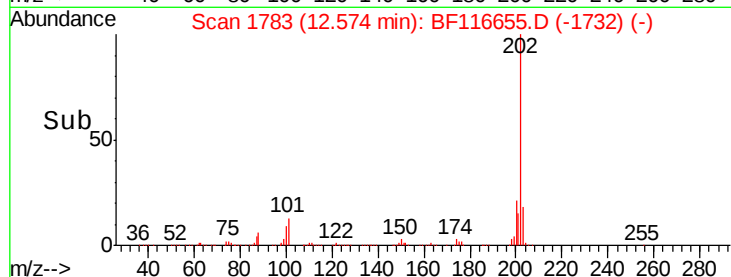
BNA_F

ClientSampleId :

Tot Ion:	202	Resp:	498201
Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.3
203	17.5	0.0	37.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

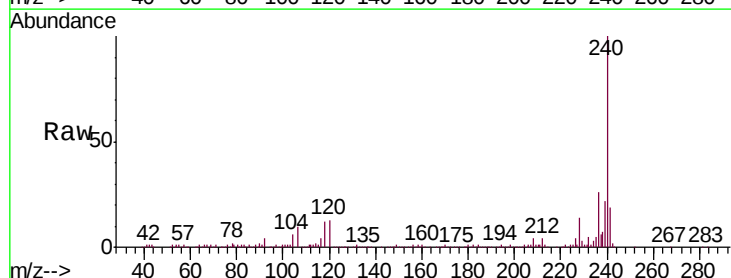
RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

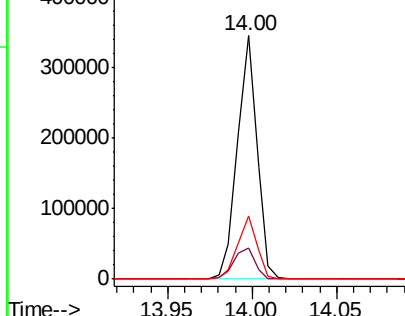
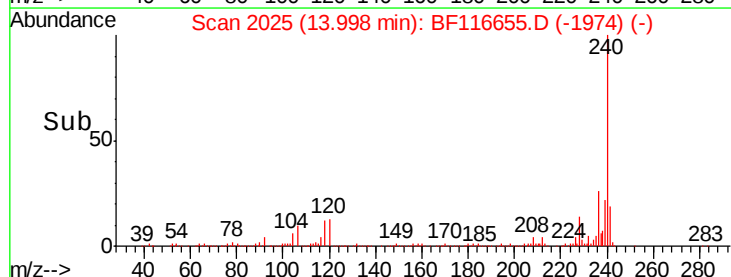
Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Tgt Ion:	240	Resp:	278996
Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.1	13.7
236	26.0	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: 25.635 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Instrument :

BNA_F

ClientSampleId :

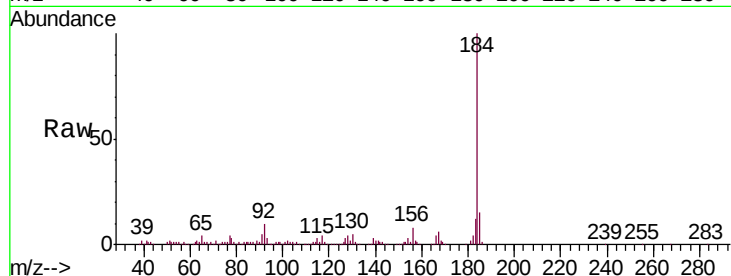
Tot Ion:184 Resp: 243354

Ion Ratio Lower Upper

184 100

185 15.0 11.3 16.9

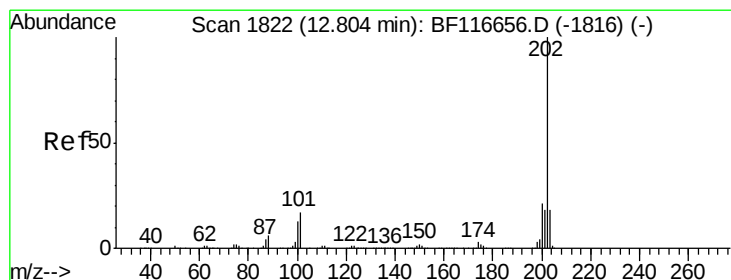
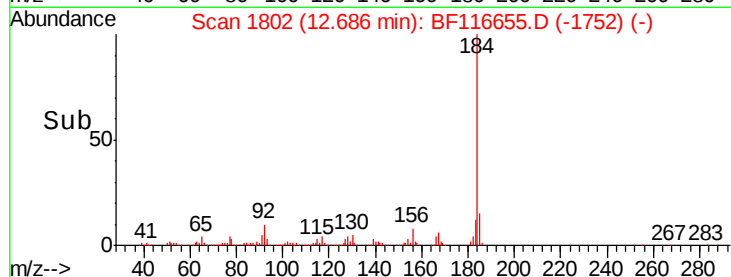
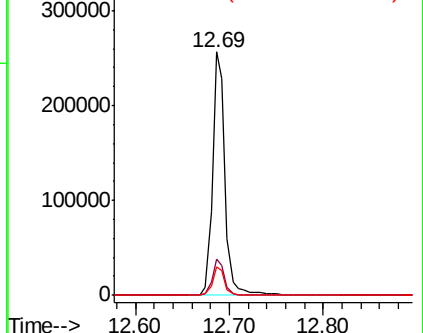
183 12.0 9.2 13.8



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: 18.796 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

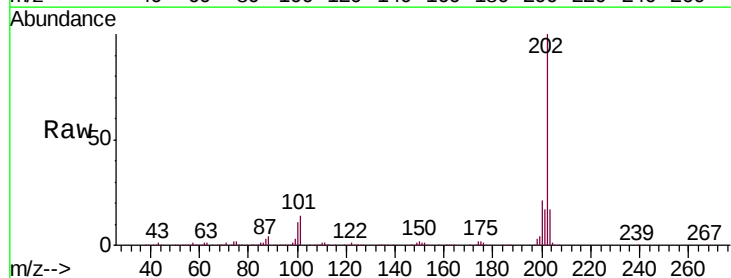
Tgt Ion:202 Resp: 510676

Ion Ratio Lower Upper

202 100

200 20.9 16.5 24.7

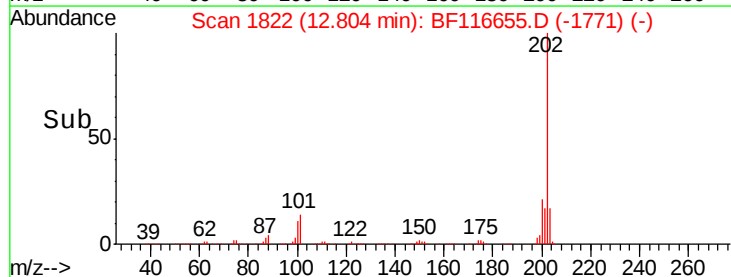
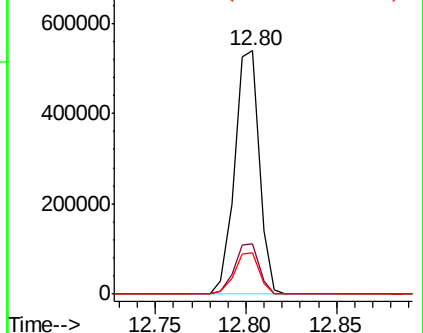
203 16.9 13.7 20.5

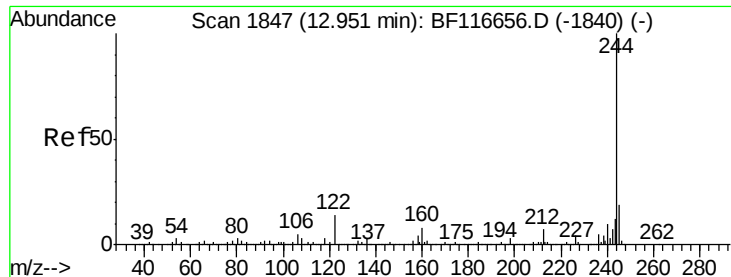


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

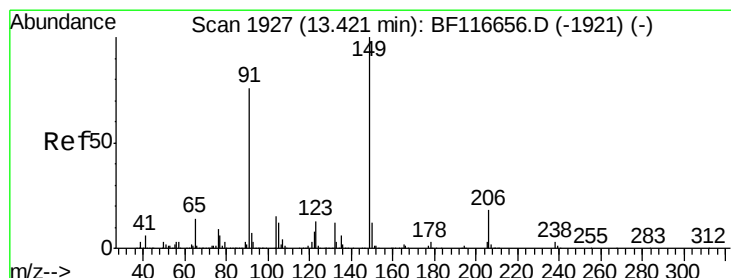
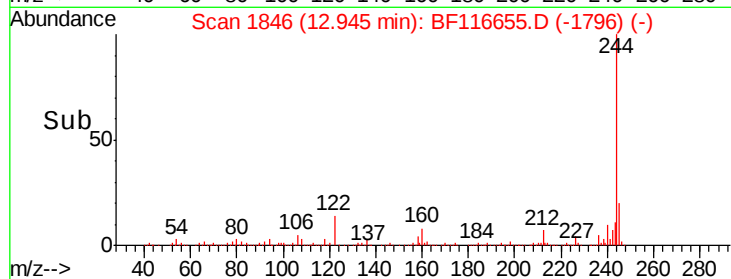
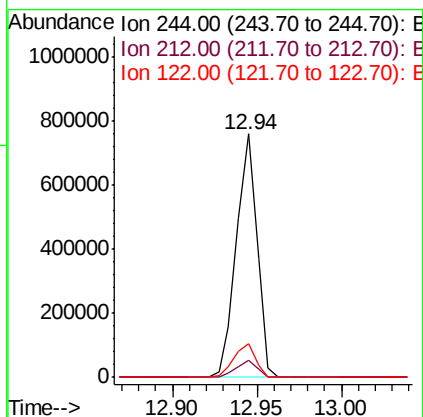
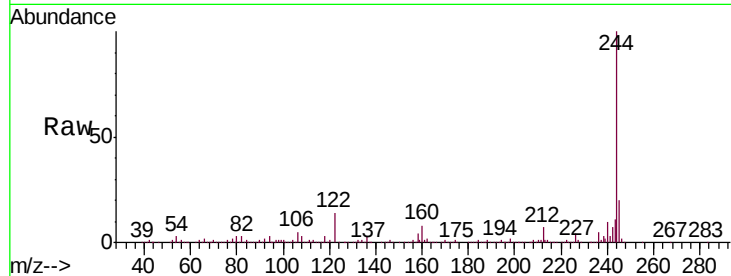




#79
 Terphenyl-d14
 Concen: 37.646 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116655.D
 Acq: 30 Aug 2019 16:55

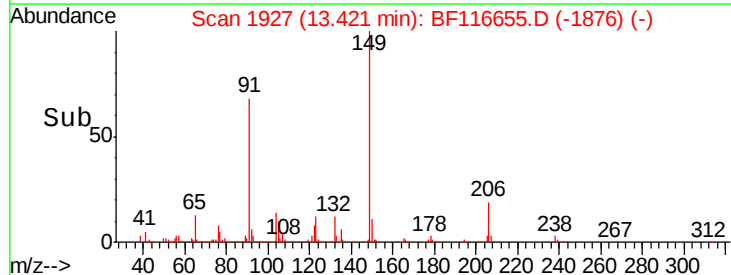
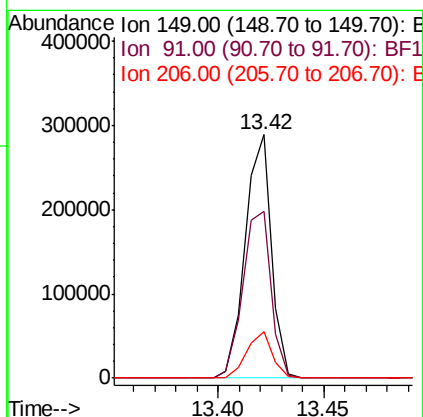
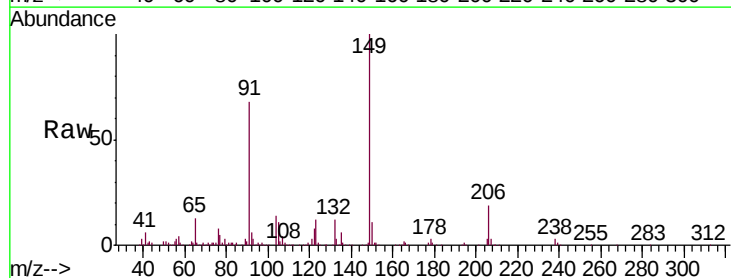
Instrument :
 BNA_F
 ClientSampled :

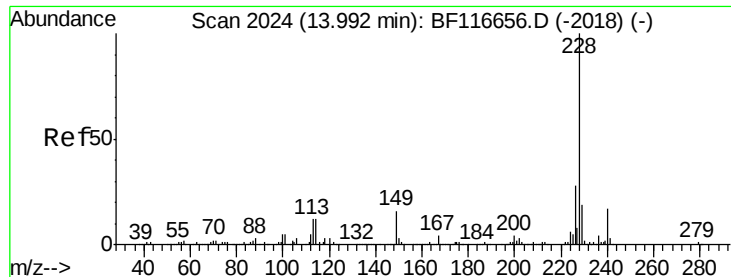
Tot Ion:244 Resp: 648394
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 14.0 10.2 15.4



#80
 Butylbenzylphthalate
 Concen: 22.619 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. 0.00 min
 Lab File: BF116655.D
 Acq: 30 Aug 2019 16:55

Tgt Ion:149 Resp: 248280
 Ion Ratio Lower Upper
 149 100
 91 68.5 61.0 91.4
 206 18.9 14.8 22.2





#81

Benzo(a)anthracene

Concen: 20.526 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

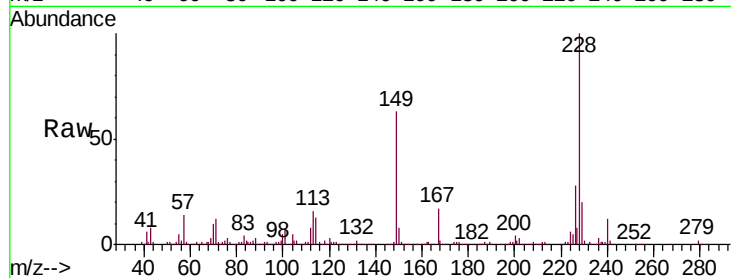
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 387911

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.0	33.0
229	19.7	16.4	24.6

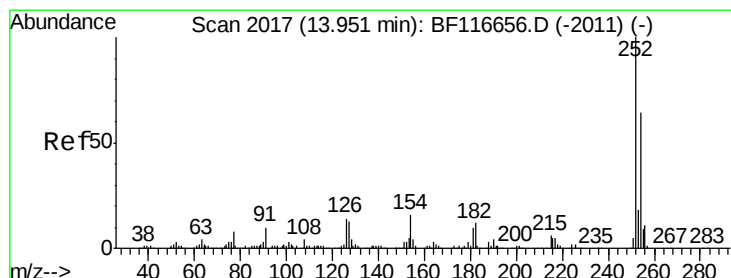
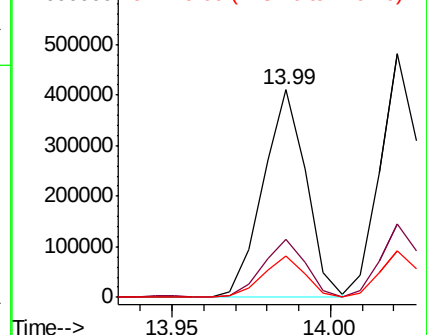
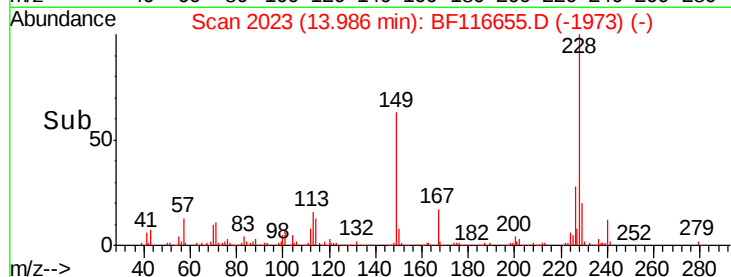


Abundance

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: 21.398 ng

RT: 13.94 min Scan# 2016

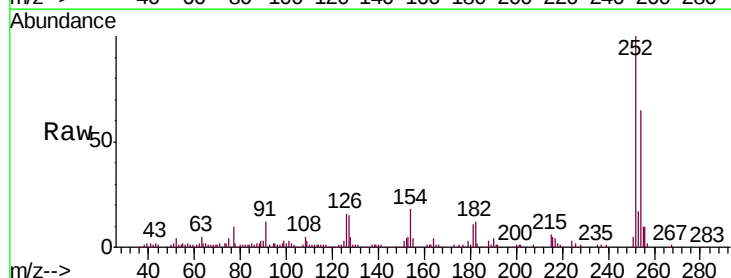
Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Tgt Ion:252 Resp: 133070

Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.1	75.1
126	16.0	10.6	16.0

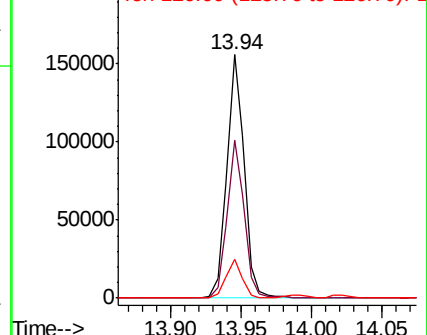
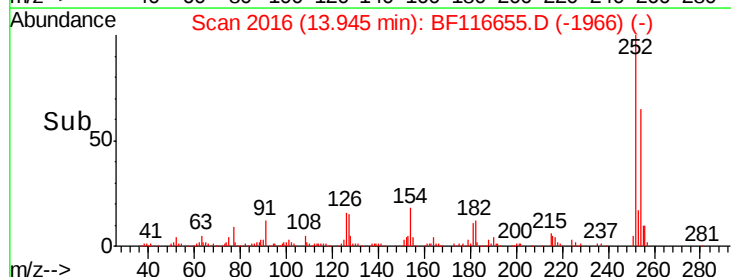


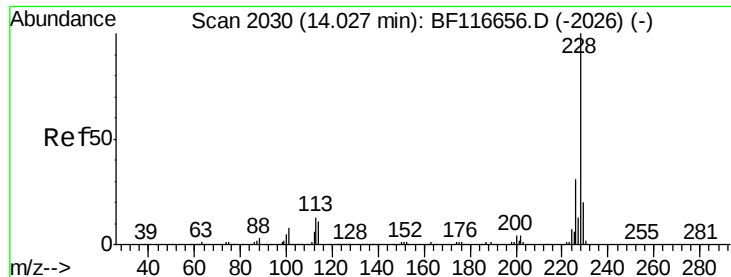
Abundance

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

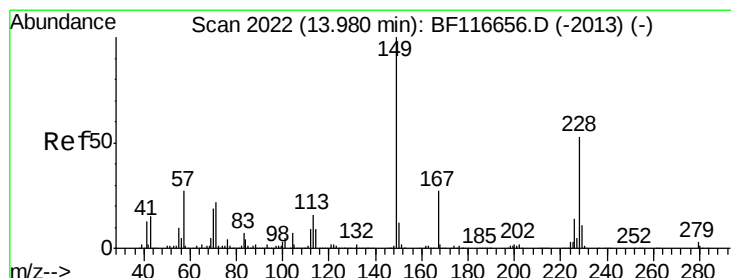
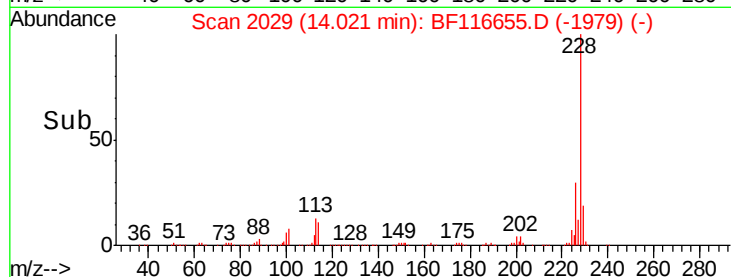
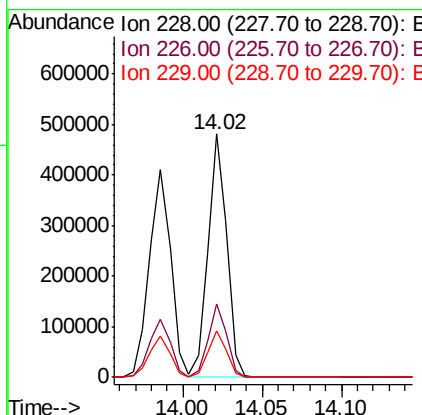
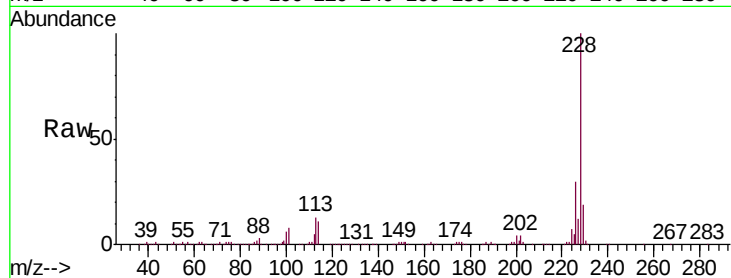




#83
 Chrysene
 Concen: 21.741 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF116655.D
 Acq: 30 Aug 2019 16:55

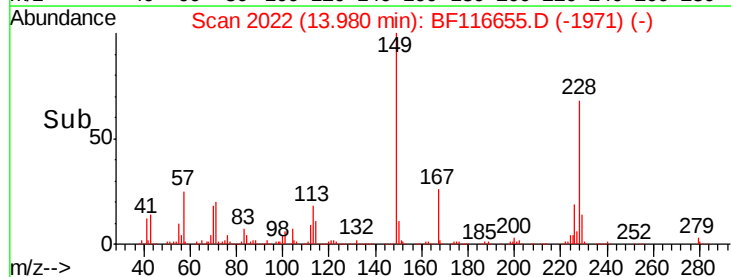
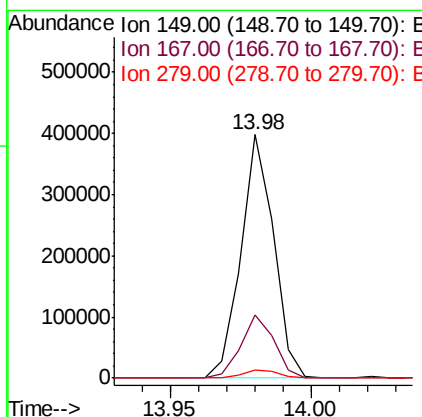
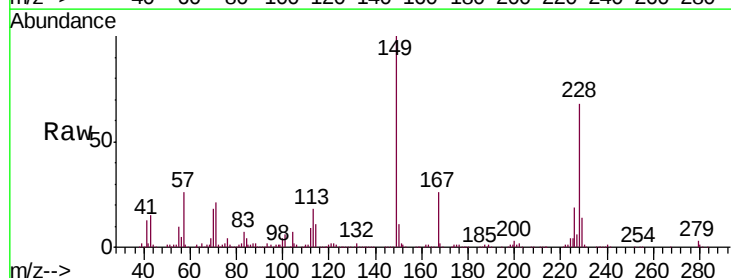
Instrument :
 BNA_F
 ClientSampleId :

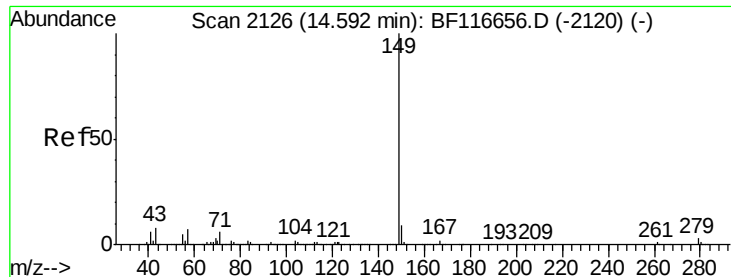
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	19.1	15.4	23.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 22.835 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF116655.D
 Acq: 30 Aug 2019 16:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.0	31.4
279	3.1	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 24.792 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Instrument :

BNA_F

ClientSampleId :

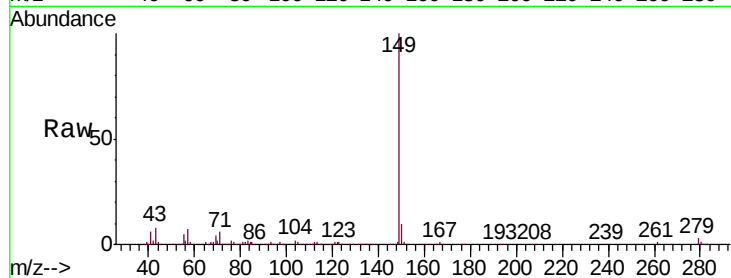
Tot Ion:149 Resp: 525750

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

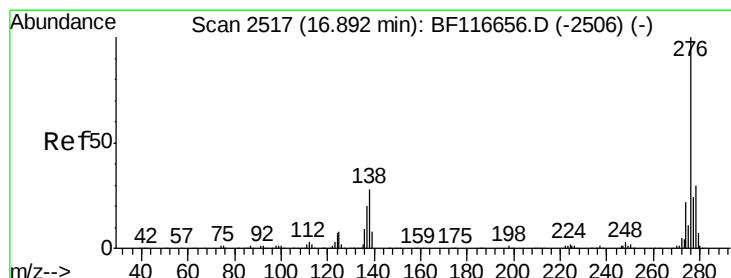
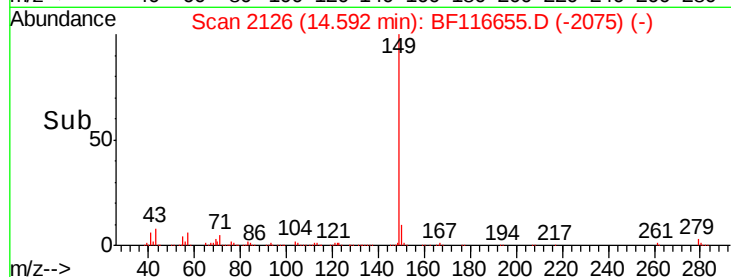
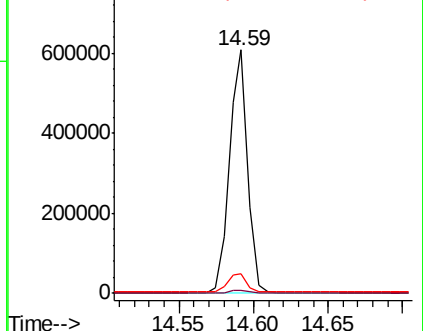
43 8.2 7.8 11.8



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: 17.968 ng

RT: 16.89 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

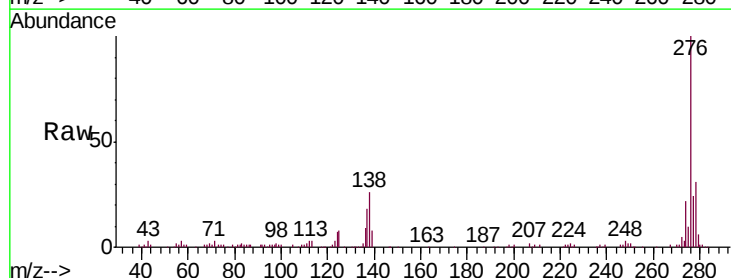
Tgt Ion:276 Resp: 286734

Ion Ratio Lower Upper

276 100

138 32.0 19.4 29.2#

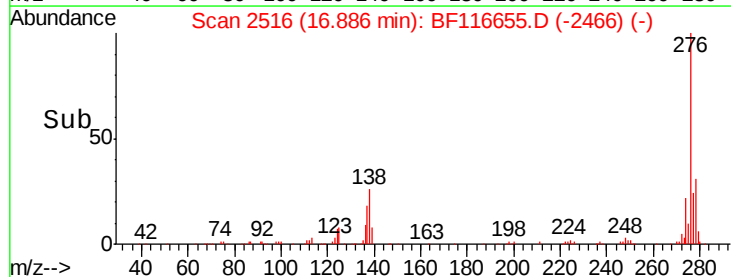
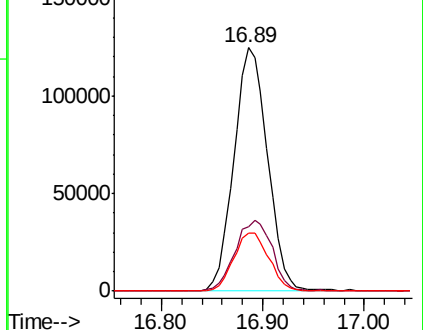
277 24.9 20.5 30.7



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: 15.44 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

Instrument :

BNA_F

ClientSampleId :

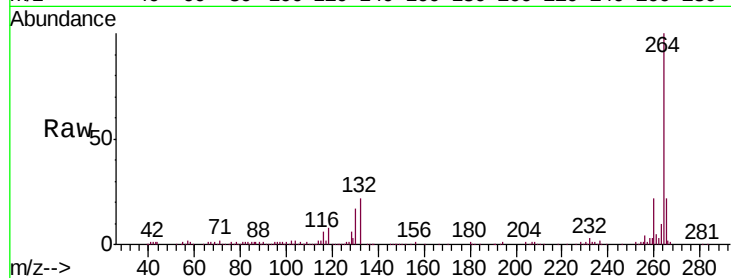
Tot Ion:264 Resp: 258624

Ion Ratio Lower Upper

264 100

260 22.3 18.3 27.5

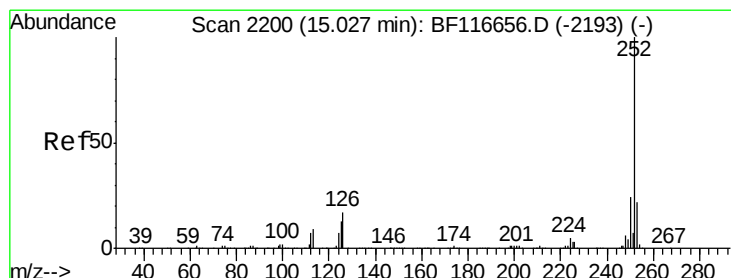
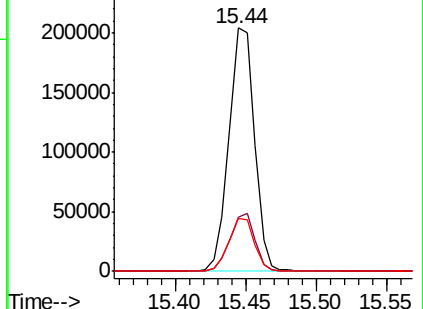
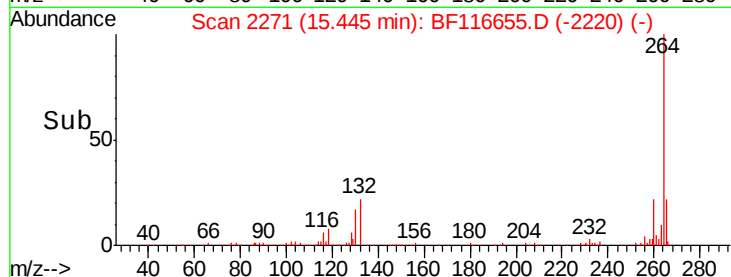
265 21.9 16.5 24.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 20.319 ng

RT: 15.03 min Scan# 2200

Delta R.T. 0.00 min

Lab File: BF116655.D

Acq: 30 Aug 2019 16:55

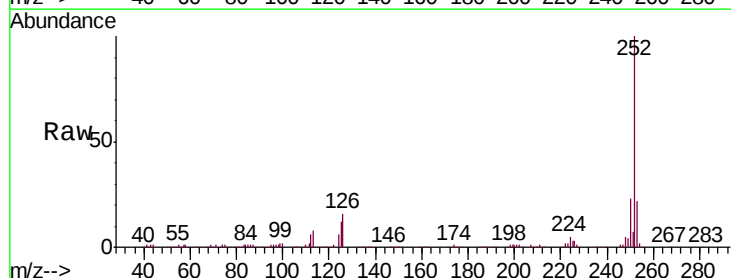
Tgt Ion:252 Resp: 332753

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

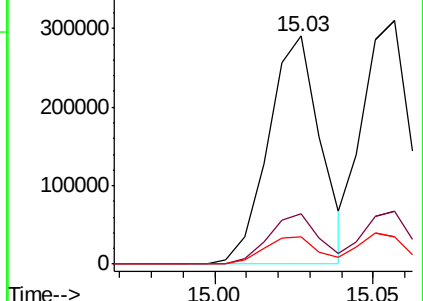
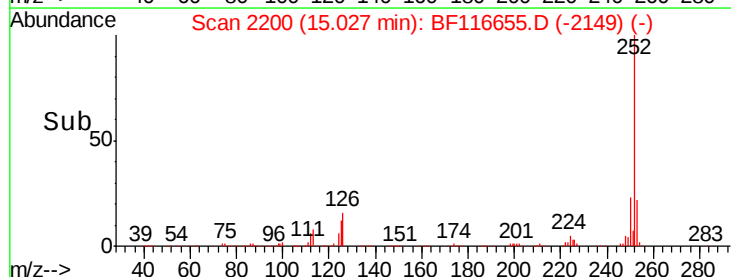
125 11.7 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

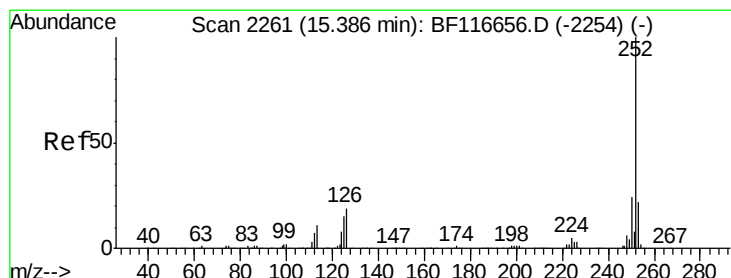
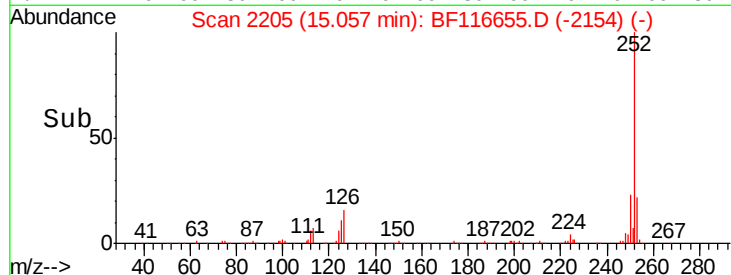
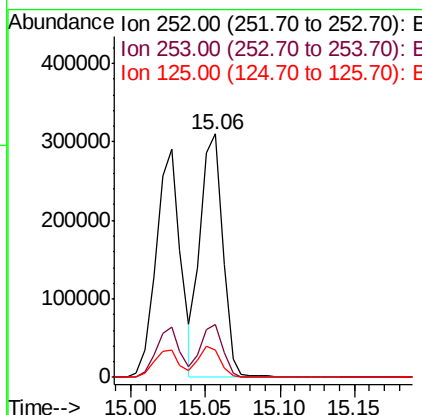
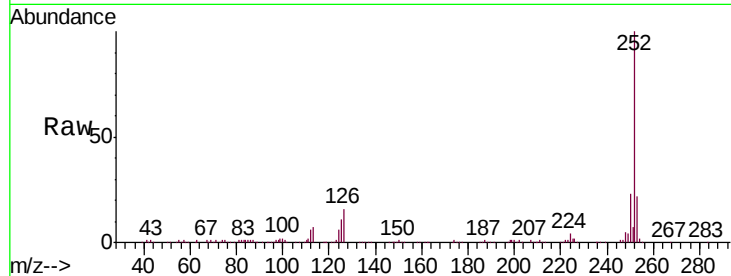




#89
Benzo(k)fluoranthene
Concen: 20.580 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

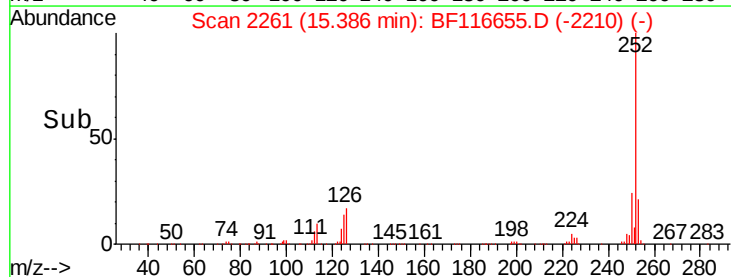
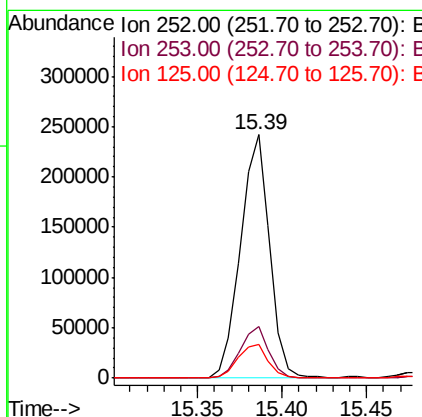
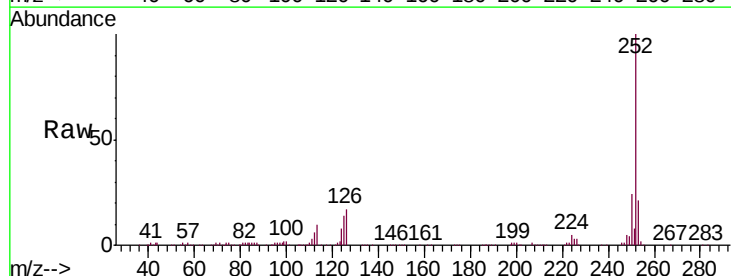
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	11.2	8.6	13.0



#90
Benzo(a)pyrene
Concen: 20.280 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	13.7	9.8	14.8

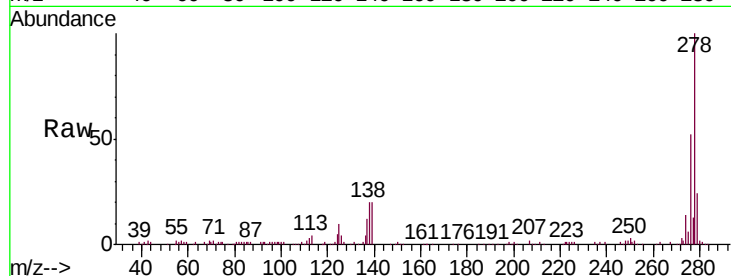




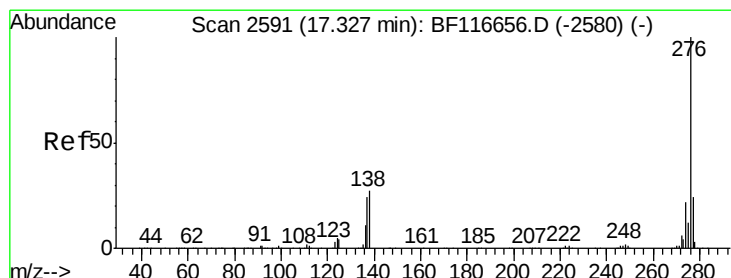
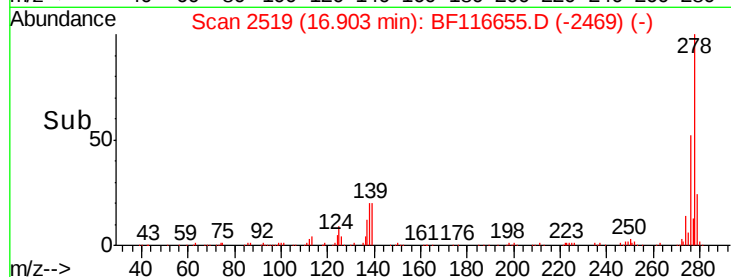
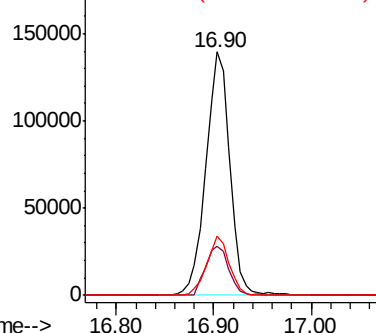
#91
Dibenzo(a,h)anthracene
Concen: 15.866 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.0	12.4	18.6
279	24.2	18.2	27.4

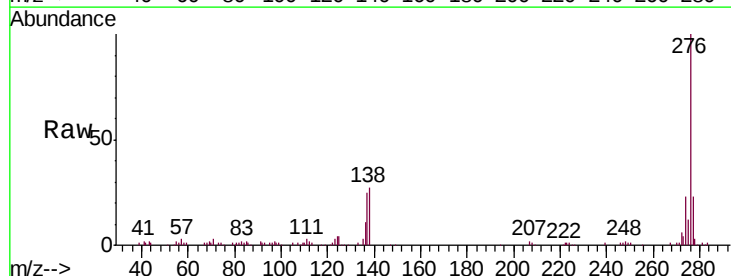


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 15.663 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.01 min
Lab File: BF116655.D
Acq: 30 Aug 2019 16:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.5	27.7
138	27.4	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

