

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF116982.D
 Acq On : 12 Sep 2019 10:12
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 12 14:25:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	102945	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	447300	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	242380	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	384059	20.00	ng	0.00
76) Chrysene-d12	13.97	240	235536	20.00	ng	0.00
87) Perylene-d12	15.42	264	196907	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	489389	77.02	ng	0.00
7) Phenol-d6	6.46	99	640882	76.81	ng	0.00
23) Nitrobenzene-d5	7.39	82	643734	82.16	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	159911	98.69	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1156270	80.47	ng	0.00
79) Terphenyl-d14	12.92	244	1065957	83.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	96978	33.061	ng	100
3) Pyridine	3.32	79	278691	32.814	ng	98
4) n-Nitrosodimethylamine	3.26	42	95613	32.784	ng	92
6) Aniline	6.49	93	419282	36.280	ng	99
8) 2-Chlorophenol	6.62	128	273759	39.465	ng	98
9) Benzaldehyde	6.37	77	183424	33.367	ng	99
10) Phenol	6.48	94	353384	38.247	ng	90
11) bis(2-Chloroethyl)ether	6.56	93	269134	37.409	ng	98
12) 1,3-Dichlorobenzene	6.77	146	306898	39.145	ng	97
13) 1,4-Dichlorobenzene	6.85	146	314045	40.235	ng	98
14) 1,2-Dichlorobenzene	7.00	146	294864	40.765	ng	98
15) Benzyl Alcohol	6.97	79	261793	38.652	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	283385	33.573	ng	99
17) 2-Methylphenol	7.09	107	231221	38.077	ng	98
18) Hexachloroethane	7.34	117	124344	41.004	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	214230	38.994	ng	97
20) 3+4-Methylphenols	7.24	107	285788	40.477	ng	95
22) Acetophenone	7.24	105	429669	39.899	ng	97
24) Nitrobenzene	7.41	77	318046	39.911	ng	96
25) Isophorone	7.65	82	590705	37.205	ng	99
26) 2-Nitrophenol	7.73	139	143873	48.562	ng	96
27) 2,4-Dimethylphenol	7.76	122	216890	36.248	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	372746	38.418	ng	99
29) 2,4-Dichlorophenol	7.97	162	233836	40.666	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	246516	39.525	ng	98
31) Naphthalene	8.13	128	826865	38.876	ng	99
32) Benzoic acid	7.90	122	167143	49.473	ng	93
33) 4-Chloroaniline	8.17	127	361473	37.335	ng	99
34) Hexachlorobutadiene	8.25	225	146764	43.157	ng	98
35) Caprolactam	8.56	113	73621	34.211	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	270546	40.936	ng	94
37) 2-Methylnaphthalene	8.82	142	566472	40.028	ng	99
38) 1-Methylnaphthalene	8.92	142	532537	39.863	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	233983	40.270	ng	99

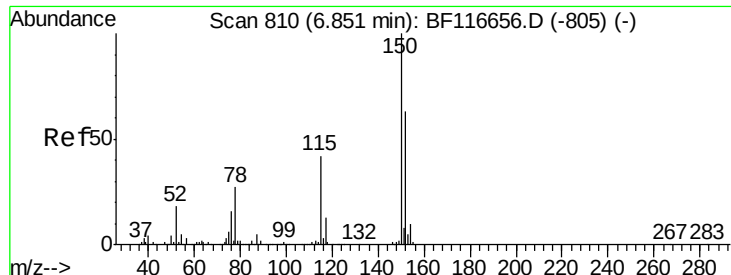
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF116982.D
 Acq On : 12 Sep 2019 10:12
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 12 14:25:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	109740	32.707	ng	98
43) 2,4,6-Trichlorophenol	9.10	196	161552	40.561	ng	97
44) 2,4,5-Trichlorophenol	9.14	196	169691	41.038	ng	96
46) 1,1'-Biphenyl	9.29	154	707944	38.492	ng	99
47) 2-Chloronaphthalene	9.31	162	546629	37.525	ng	98
48) 2-Nitroaniline	9.40	65	177749	42.206	ng	96
49) Acenaphthylene	9.72	152	820819	37.276	ng	99
50) Dimethylphthalate	9.59	163	655303	39.160	ng	99
51) 2,6-Dinitrotoluene	9.65	165	135779	42.528	ng #	88
52) Acenaphthene	9.90	154	496719	36.712	ng	99
53) 3-Nitroaniline	9.82	138	158256	39.553	ng	97
54) 2,4-Dinitrophenol	9.92	184	52727	50.324	ng #	90
55) Dibenzofuran	10.07	168	725672	38.046	ng	97
56) 4-Nitrophenol	9.97	139	107858	39.315	ng	97
57) 2,4-Dinitrotoluene	10.05	165	178295	45.671	ng	97
58) Fluorene	10.41	166	578039	39.774	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	135313	45.342	ng	98
60) Diethylphthalate	10.28	149	664006	39.613	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	263989	41.481	ng	98
62) 4-Nitroaniline	10.43	138	158354	40.782	ng	97
63) Azobenzene	10.56	77	659632	37.740	ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	71101	49.915	ng	91
66) n-Nitrosodiphenylamine	10.52	169	509237	38.329	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	159986	41.006	ng	94
68) Hexachlorobenzene	10.96	284	168189	41.202	ng	94
69) Atrazine	11.05	200	142240	38.226	ng	98
70) Pentachlorophenol	11.15	266	87424	44.273	ng	97
71) Phenanthrene	11.37	178	810865	37.928	ng	99
72) Anthracene	11.42	178	816843	37.955	ng	100
73) Carbazole	11.57	167	742511	36.220	ng	99
74) Di-n-butylphthalate	11.90	149	1068476	40.656	ng	99
75) Fluoranthene	12.55	202	787328	37.473	ng	99
77) Benzidine	12.67	184	319917	34.629	ng	99
78) Pyrene	12.78	202	786348	37.557	ng	100
80) Butylbenzylphthalate	13.39	149	417846	41.038	ng	97
81) Benzo(a)anthracene	13.96	228	582437	39.071	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	188299	37.378	ng #	99
83) Chrysene	14.00	228	562568	36.631	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	573269	45.611	ng	99
85) Di-n-octyl phthalate	14.56	149	865032	42.056	ng	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	402177	32.602	ng	99
88) Benzo(b)fluoranthene	15.00	252	445467	37.419	ng	99
89) Benzo(k)fluoranthene	15.03	252	418024	38.512	ng	98
90) Benzo(a)pyrene	15.36	252	386518	37.319	ng	98
91) Dibenzo(a,h)anthracene	16.87	278	331710	36.589	ng	99
92) Benzo(g,h,i)perylene	17.29	276	313095	33.863	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

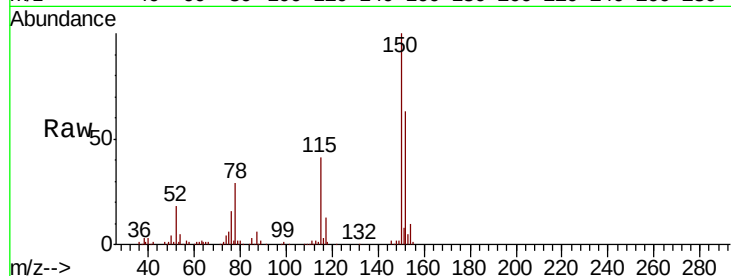
Tot Ion:152 Resp: 102945

Ion Ratio Lower Upper

152 100

150 159.9 126.2 189.2

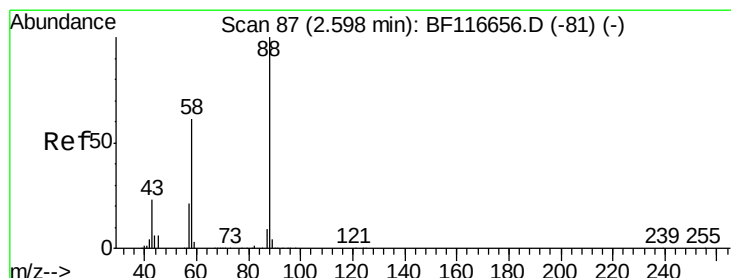
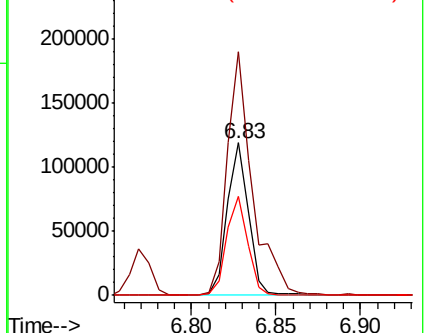
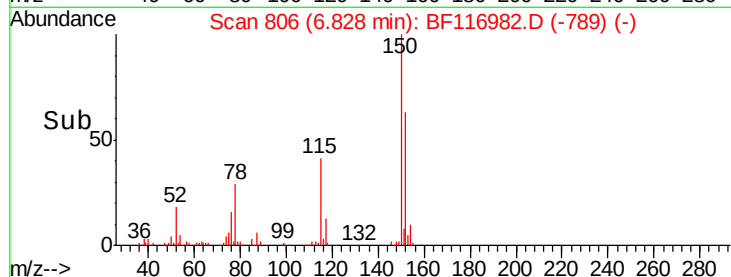
115 65.2 50.2 75.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.061 ng

RT: 2.57 min Scan# 82

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

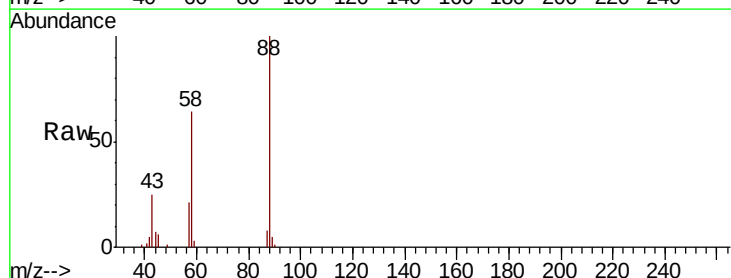
Tgt Ion: 88 Resp: 96978

Ion Ratio Lower Upper

88 100

58 61.9 49.4 74.2

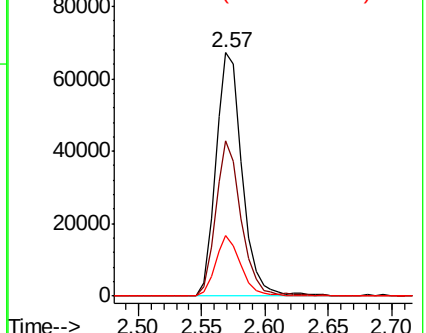
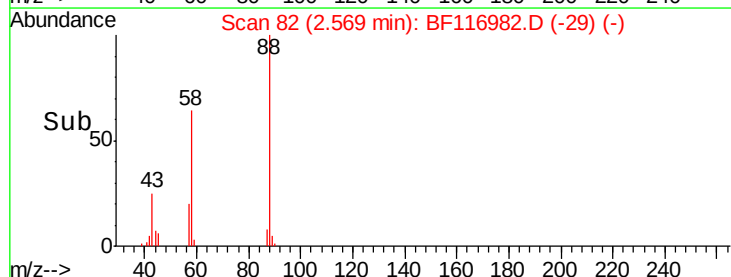
43 23.7 18.6 28.0

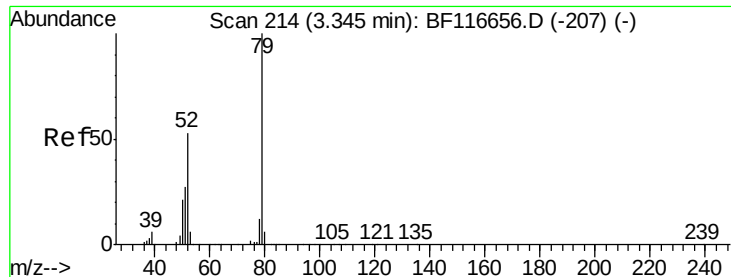


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.814 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.02 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

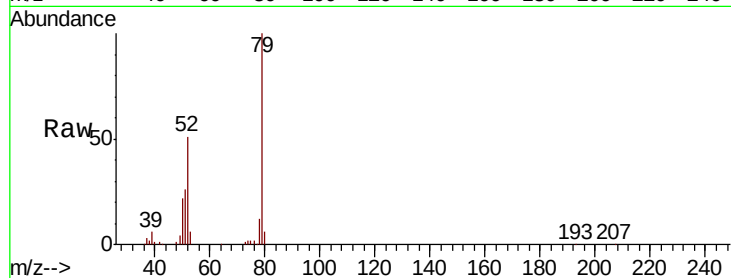
Tot Ion: 79 Resp: 278691

Ion Ratio Lower Upper

79 100

52 51.3 40.5 60.7

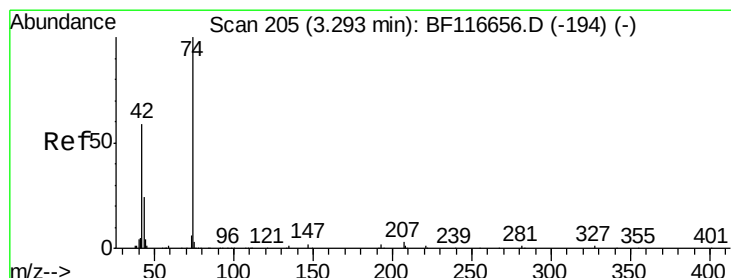
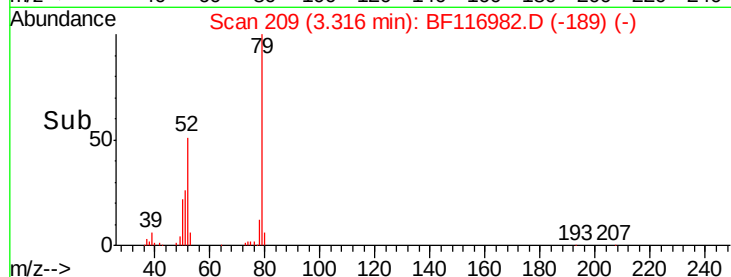
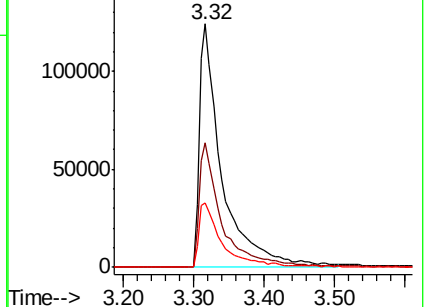
51 26.3 22.3 33.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.784 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.02 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

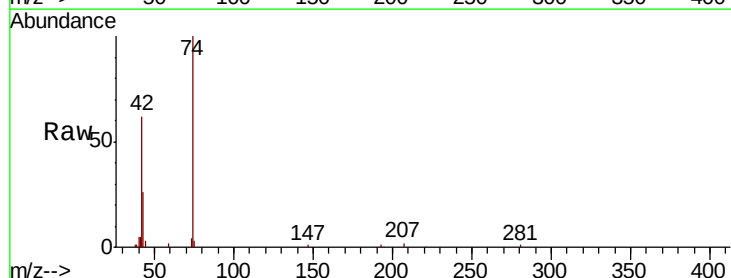
Tgt Ion: 42 Resp: 95613

Ion Ratio Lower Upper

42 100

74 160.2 137.6 206.4

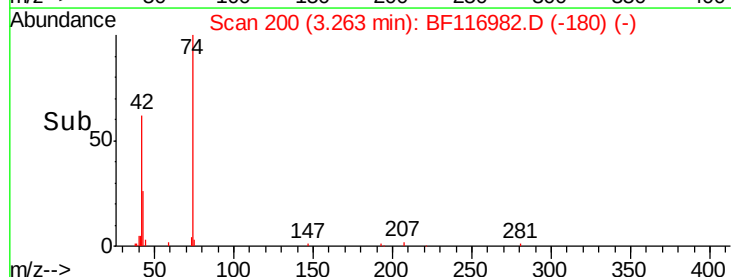
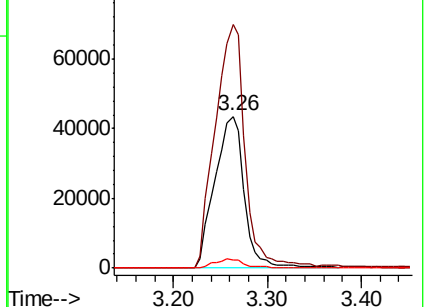
44 5.0 4.4 6.6

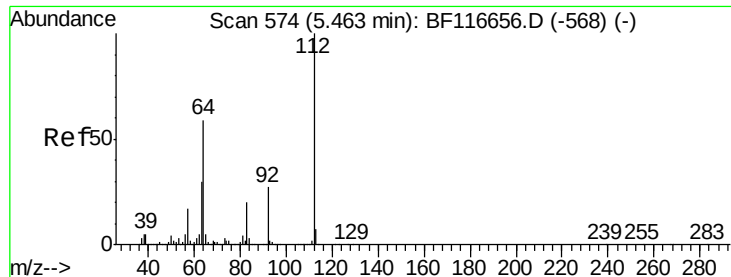


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 77.016 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

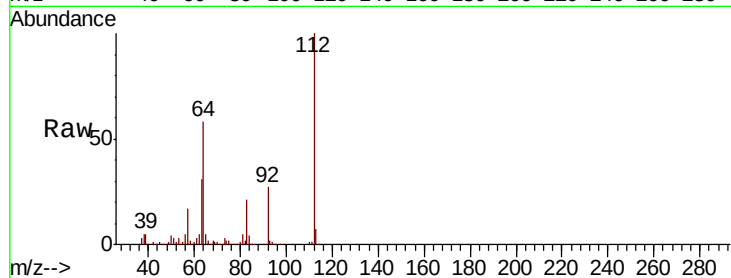
Tot Ion:112 Resp: 489389

Ion Ratio Lower Upper

112 100

64 57.9 47.1 70.7

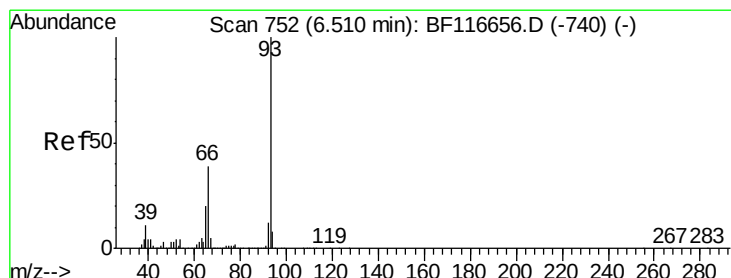
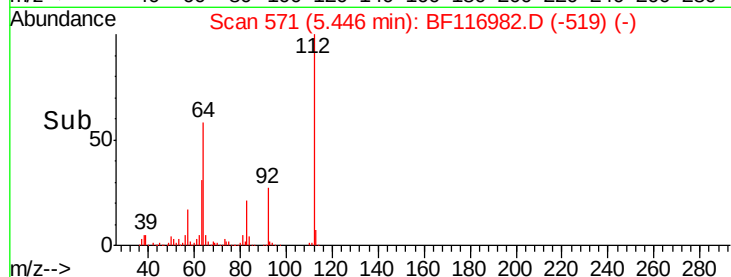
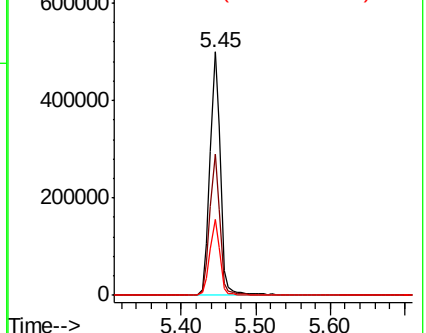
63 31.3 25.4 38.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.280 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

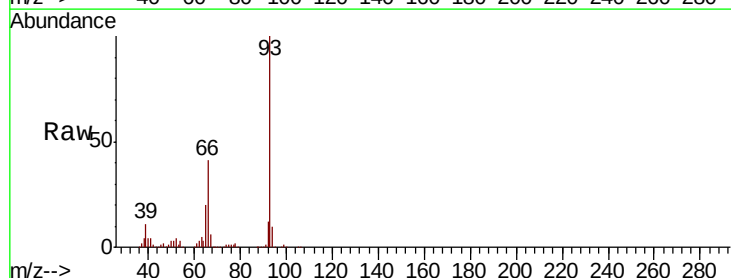
Tgt Ion: 93 Resp: 419282

Ion Ratio Lower Upper

93 100

66 40.9 32.3 48.5

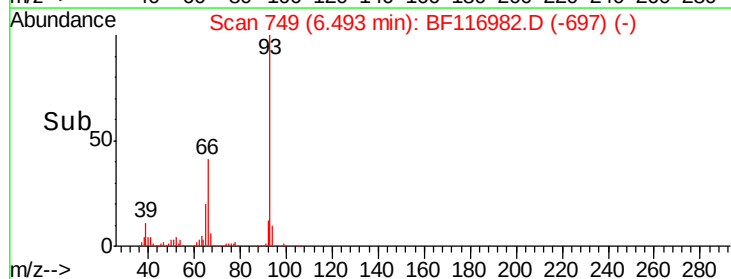
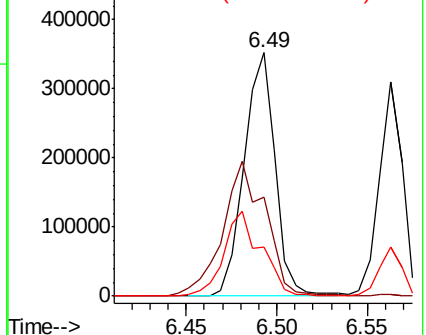
65 20.0 16.2 24.2

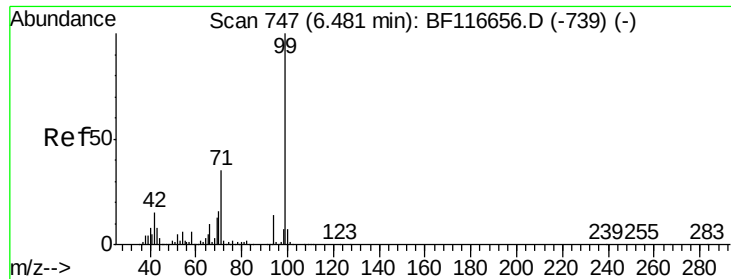


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.807 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

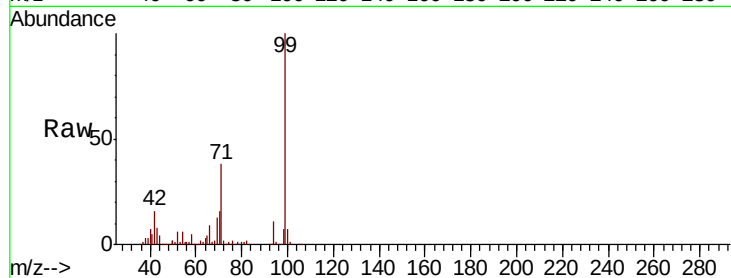
Tot Ion: 99 Resp: 640882

Ion Ratio Lower Upper

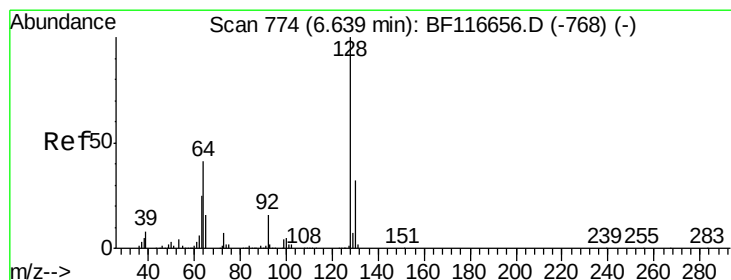
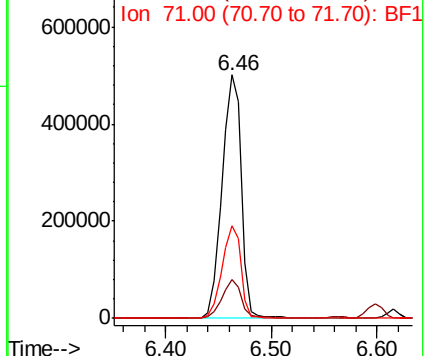
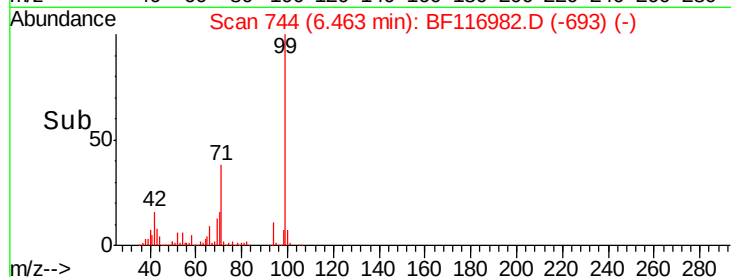
99 100

42 15.8 12.0 18.0

71 38.0 29.7 44.5



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: 39.465 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

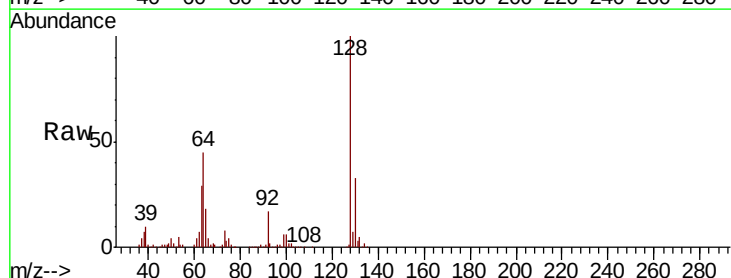
Tgt Ion: 128 Resp: 273759

Ion Ratio Lower Upper

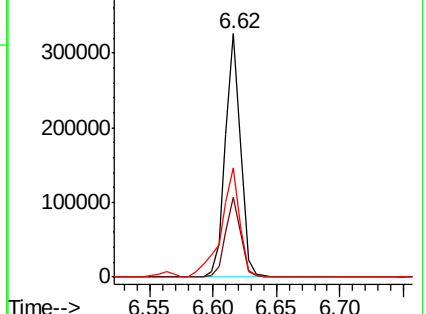
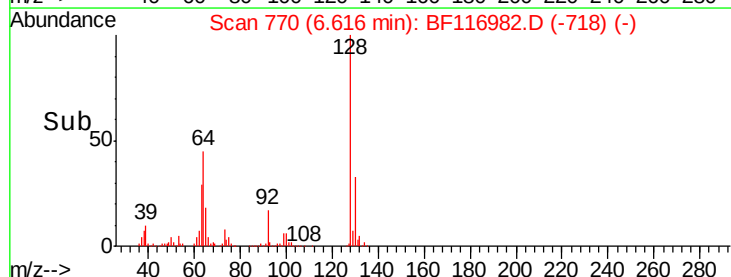
128 100

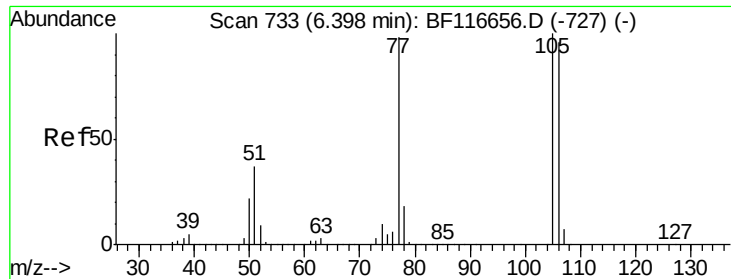
130 32.9 12.4 52.4

64 44.6 26.5 66.5



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: 33.367 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampled :

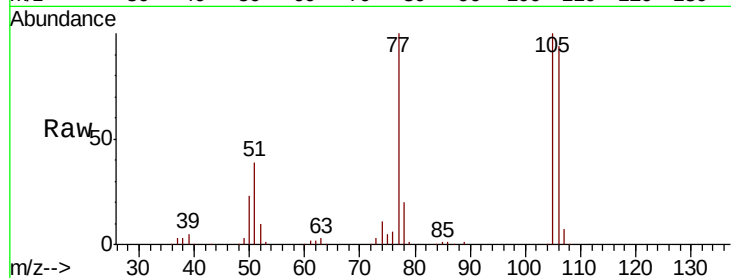
Tot Ion: 77 Resp: 183424

Ion Ratio Lower Upper

77 100

105 99.8 79.3 119.3

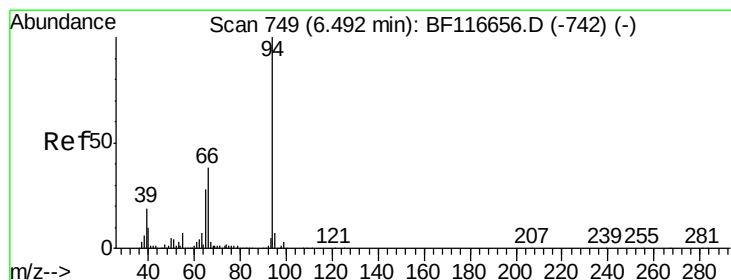
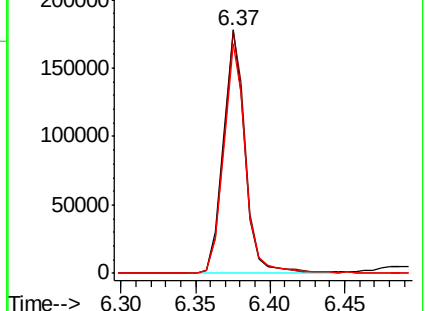
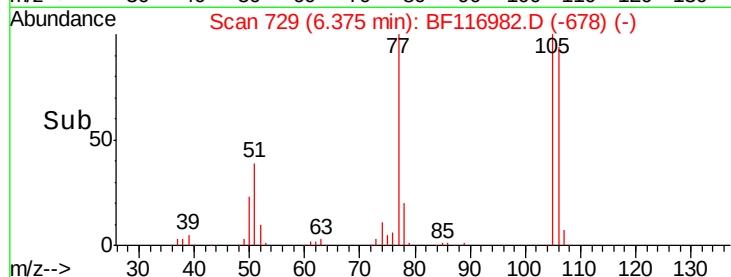
106 94.2 75.1 115.1



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: 38.247 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

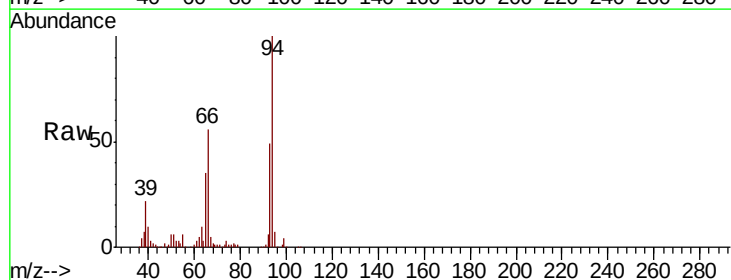
Tgt Ion: 94 Resp: 353384

Ion Ratio Lower Upper

94 100

65 35.1 12.0 52.0

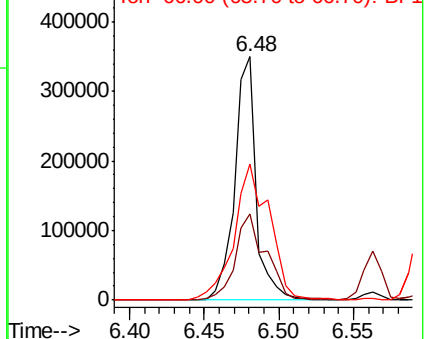
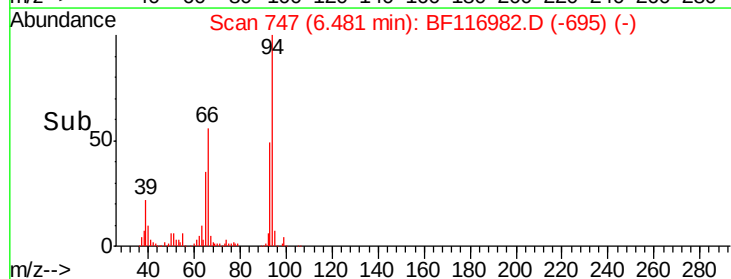
66 55.7 26.5 66.5

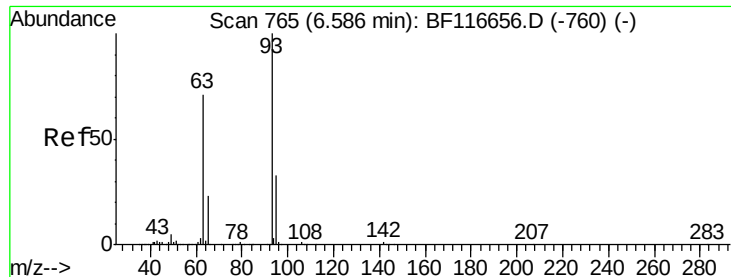


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

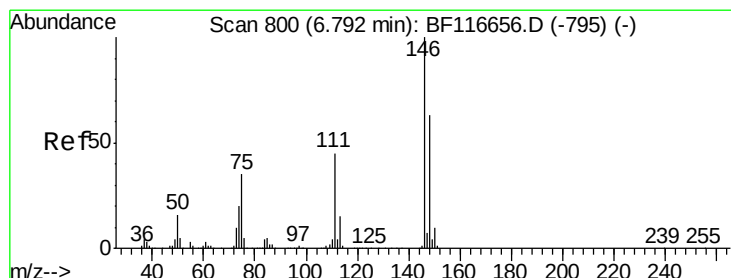
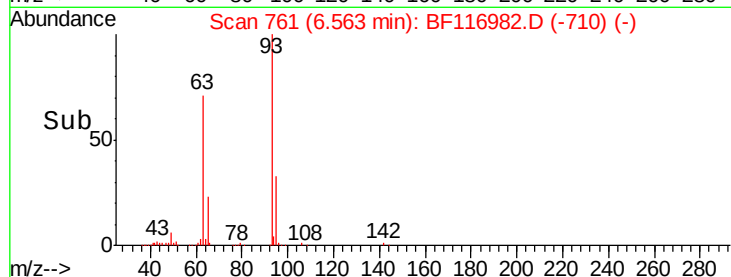
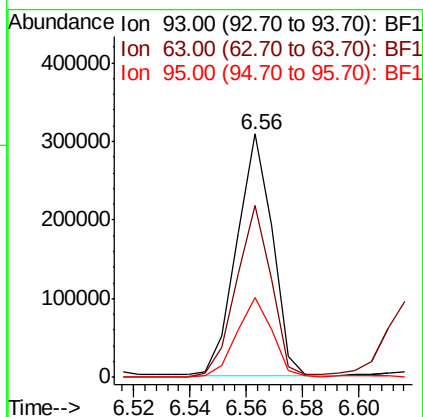
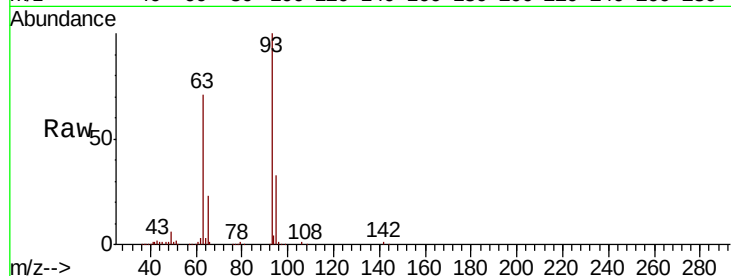




#11
bis(2-Chloroethyl)ether
Concen: 37.409 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

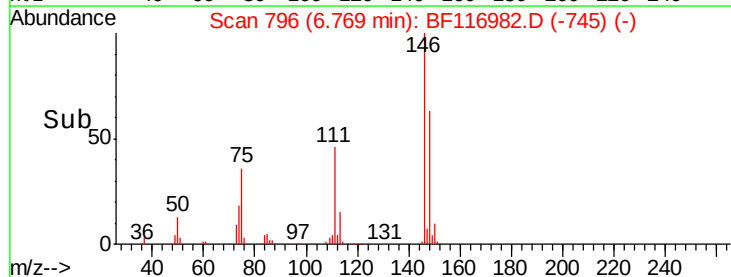
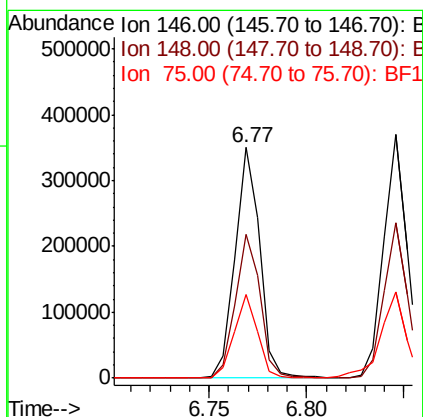
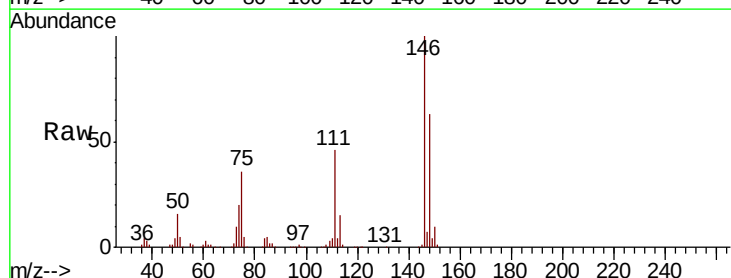
Instrument :
BNA_F
ClientSampleId :

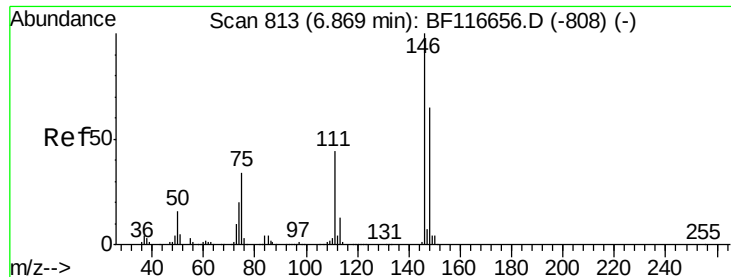
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.5	49.0	89.0
95	32.8	13.7	53.7



#12
1,3-Dichlorobenzene
Concen: 39.145 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.3	76.9
75	36.4	26.6	40.0

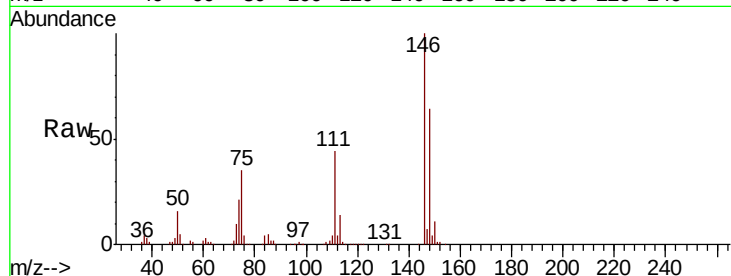




#13
 1,4-Dichlorobenzene
 Concen: 40.235 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF116982.D
 Acq: 12 Sep 2019 10:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
111	43.8	33.4	50.2

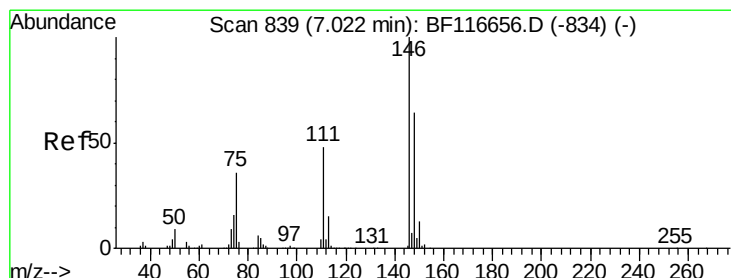
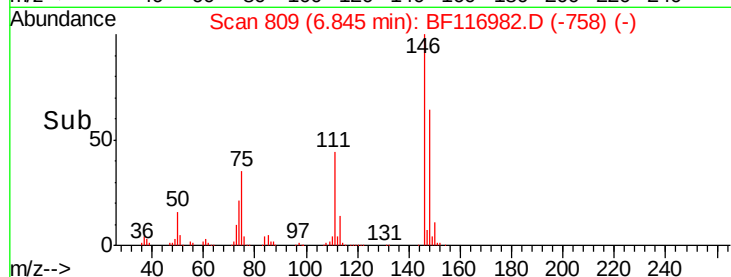
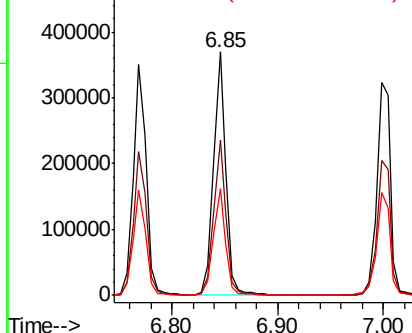


Abundance

Ion 146.00 (145.70 to 146.70): E

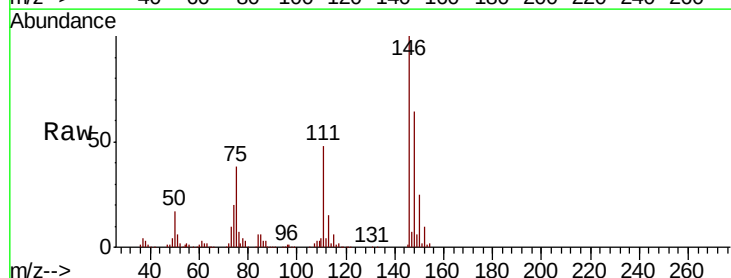
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.765 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF116982.D
 Acq: 12 Sep 2019 10:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.7	77.5
111	48.1	37.2	55.8

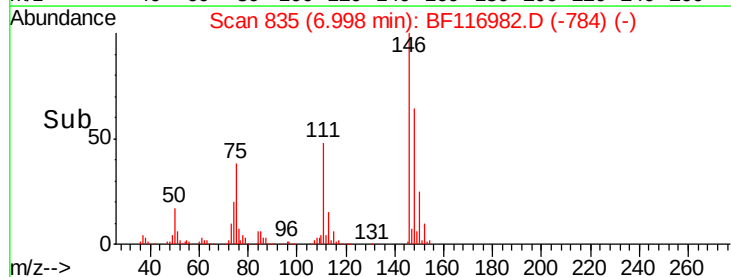
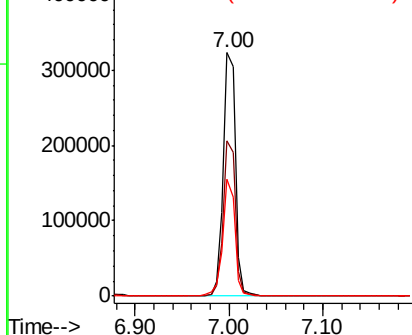


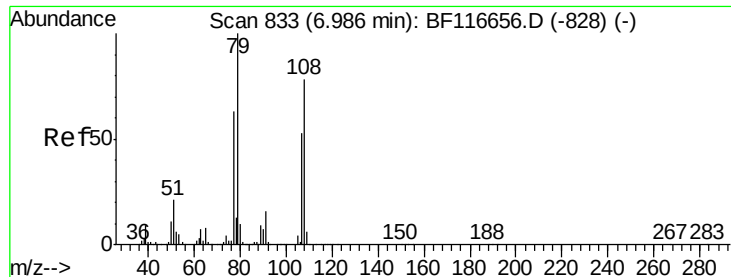
Abundance

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: 38.652 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

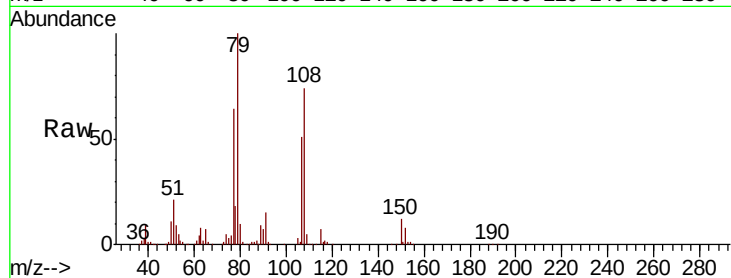
Tot Ion: 79 Resp: 261793

Ion Ratio Lower Upper

79 100

108 74.0 60.2 90.4

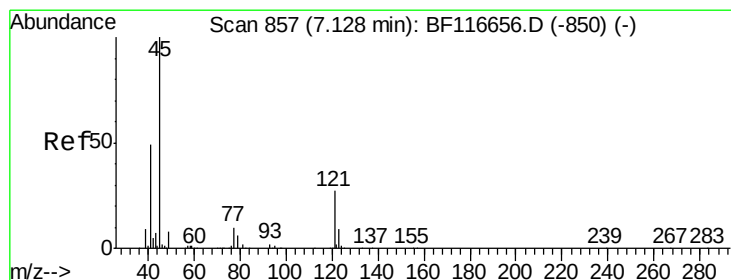
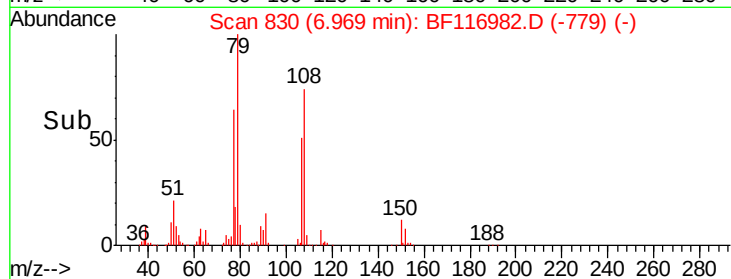
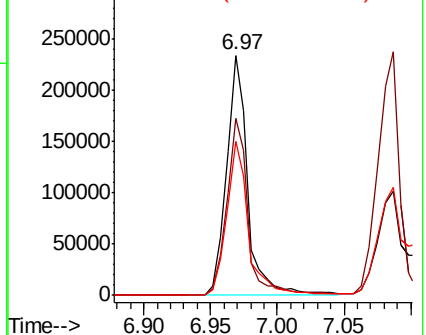
77 64.3 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.573 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

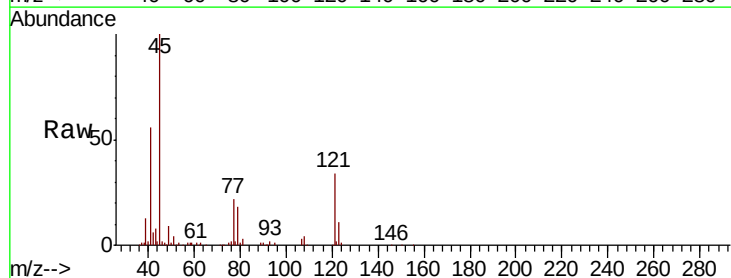
Tgt Ion: 45 Resp: 283385

Ion Ratio Lower Upper

45 100

77 22.4 2.7 42.7

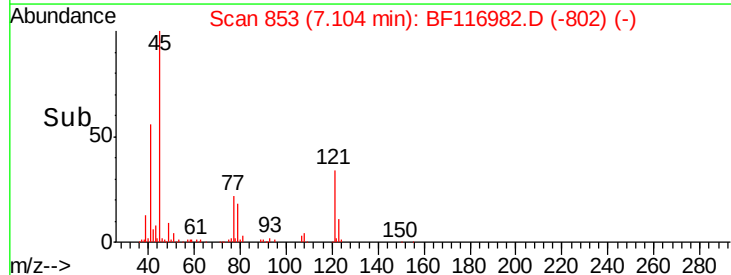
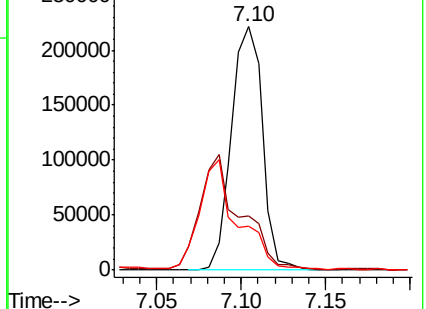
79 18.1 0.0 38.5

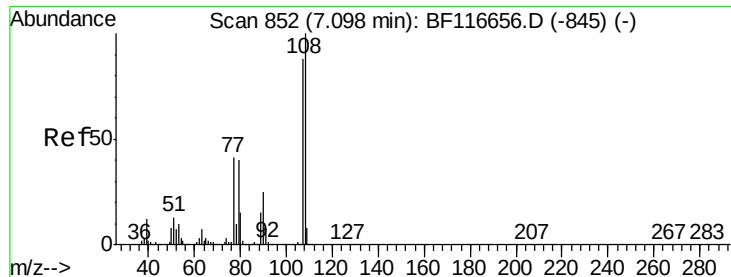


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 38.077 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 231221

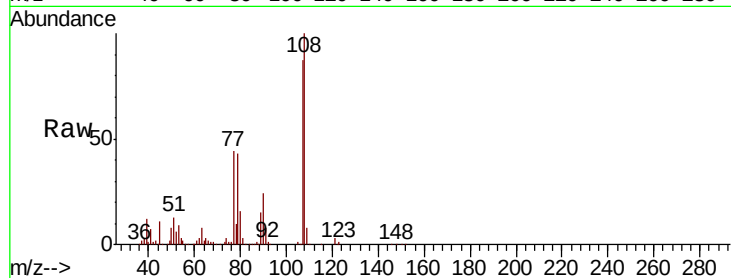
Ion Ratio Lower Upper

107 100

108 114.9 90.9 136.3

77 50.9 38.6 58.0

79 48.9 38.6 57.8



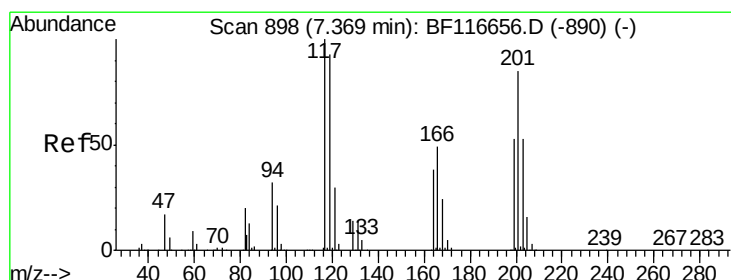
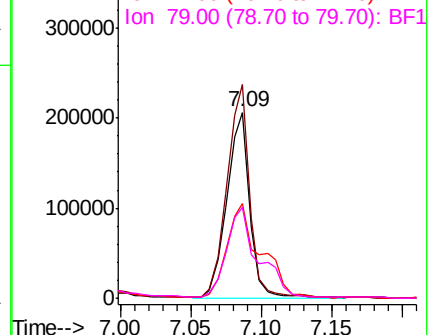
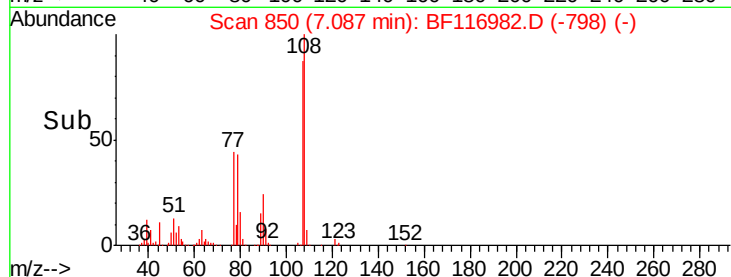
Abundance

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: 41.004 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

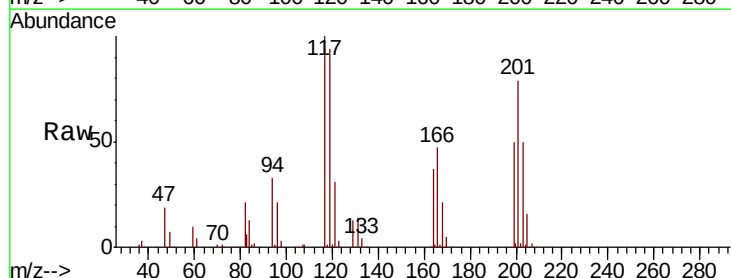
Tgt Ion:117 Resp: 124344

Ion Ratio Lower Upper

117 100

119 93.9 76.8 115.2

201 79.3 68.2 102.2

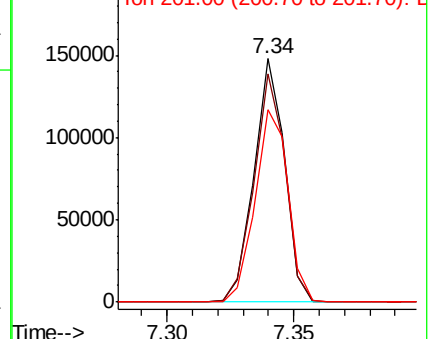
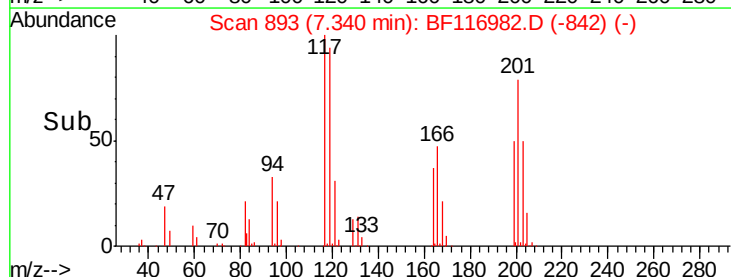


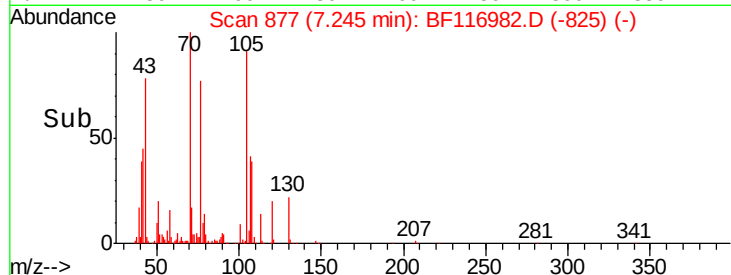
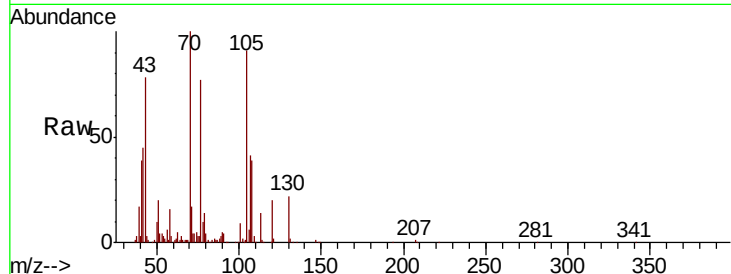
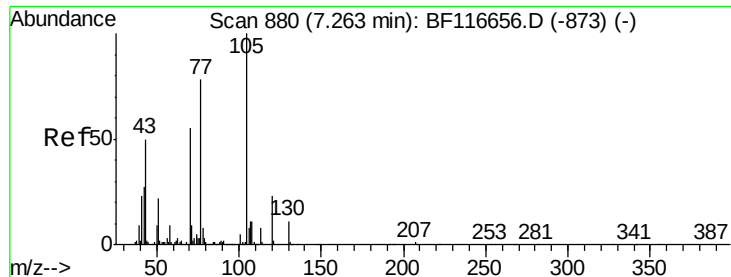
Abundance

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

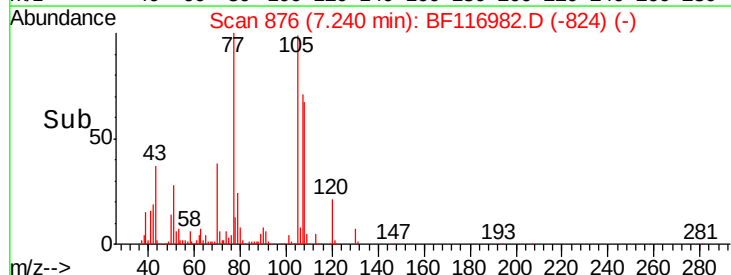
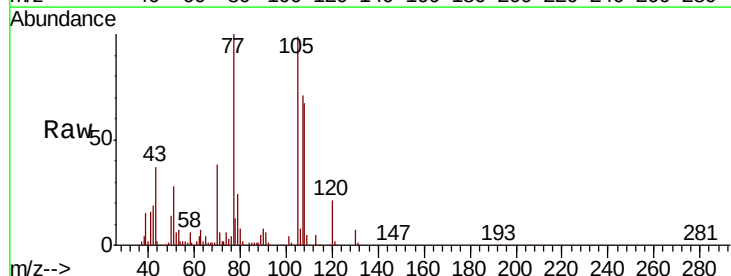
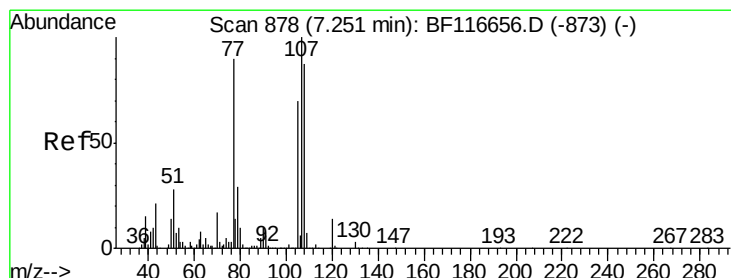
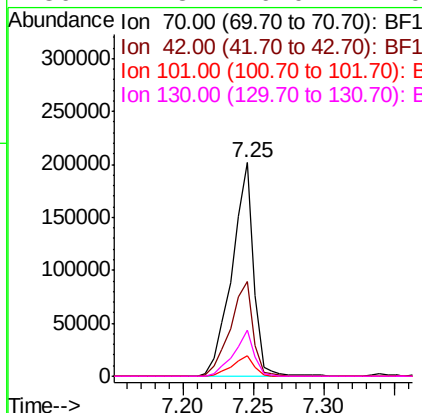




#19
n-Nitroso-di-n-propylamine
Concen: 38.994 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

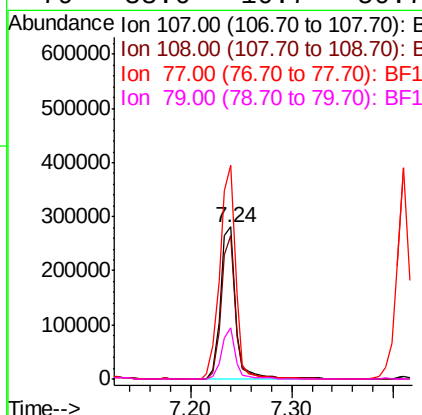
Instrument :
BNA_F
ClientSampleId :

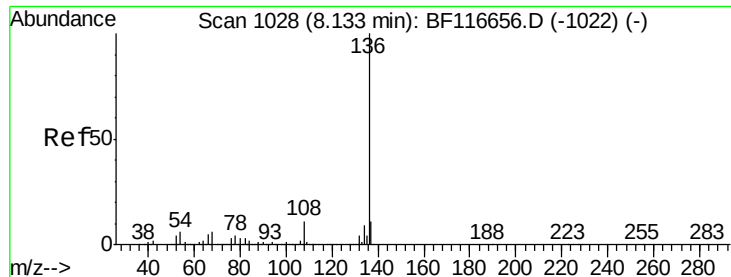
Tot Ion:	70	Resp:	214230
Ion	Ratio	Lower	Upper
70	100		
42	44.6	37.0	55.4
101	9.5	7.4	11.2
130	21.8	16.0	24.0



#20
3+4-Methylphenols
Concen: 40.477 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

Tgt Ion:	107	Resp:	285788
Ion	Ratio	Lower	Upper
107	100		
108	94.5	71.9	111.9
77	140.5	112.6	152.6
79	33.6	10.7	50.7

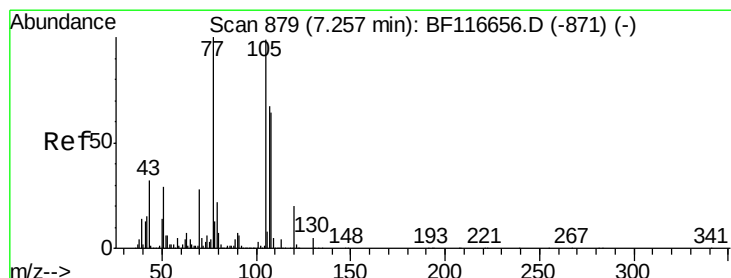
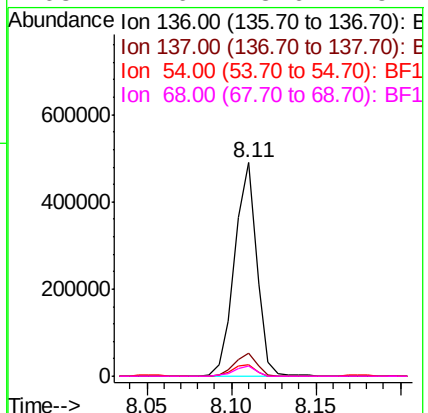
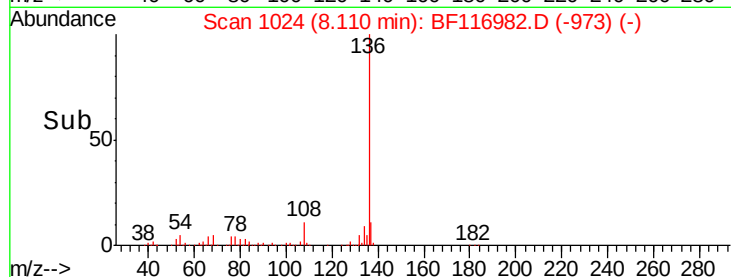
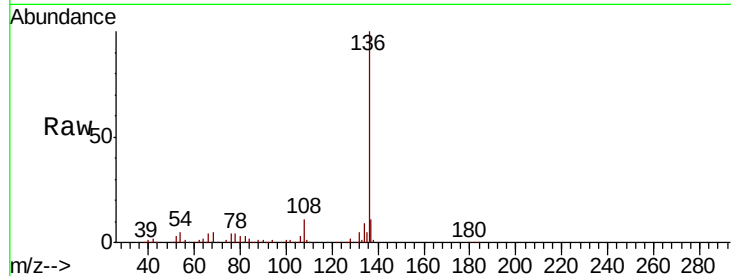




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

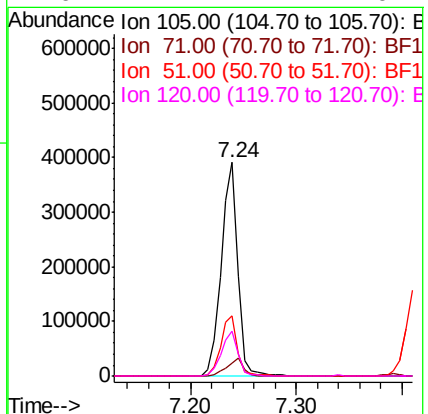
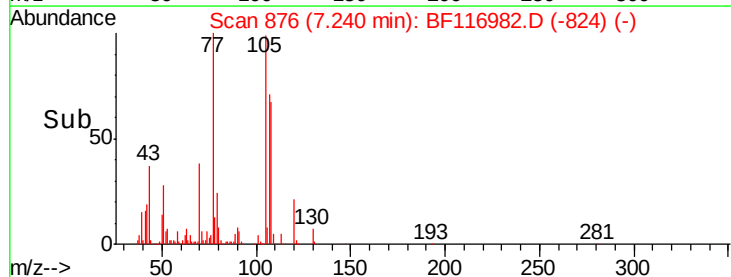
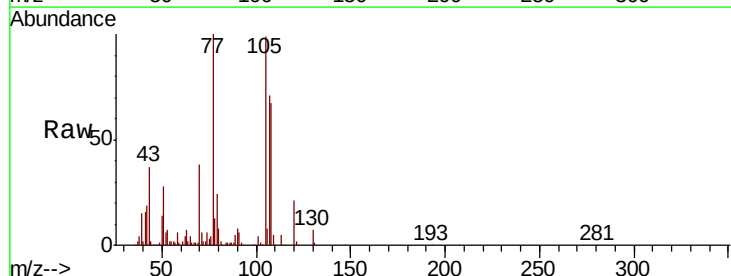
Instrument :
BNA_F
ClientSampleId :

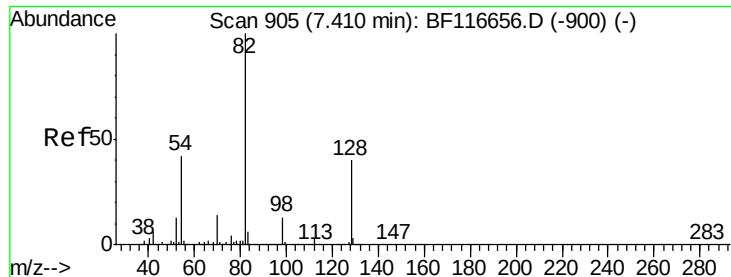
Tot Ion:136	Resp:	447300
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.5	12.7
54 5.4	3.8	5.8
68 4.6	3.6	5.4



#22
Acetophenone
Concen: 39.899 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

Tgt	Ion:105	Resp:	429669
Ion	Ratio	Lower	Upper
105	100		
71	6.2	4.2	6.4
51	28.4	24.6	37.0
120	21.1	17.4	26.2

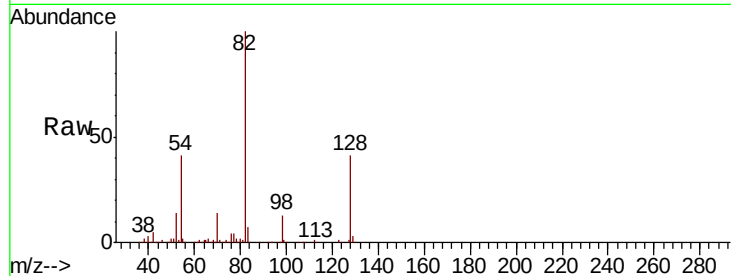




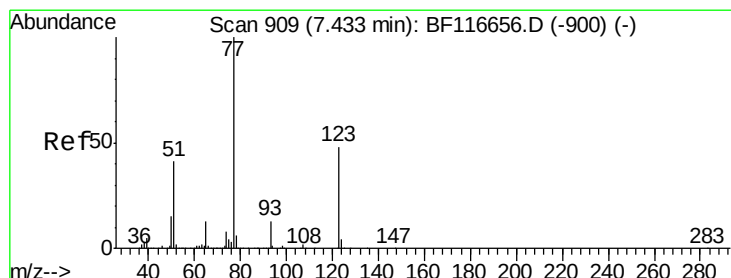
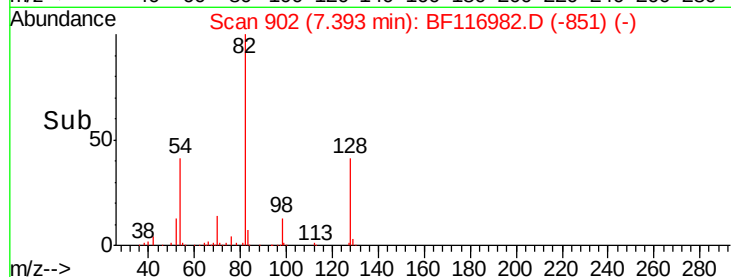
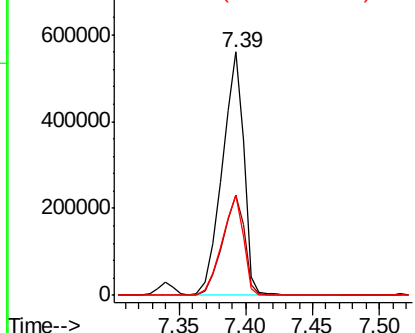
#23
 Nitrobenzene-d5
 Concen: 82.158 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BF116982.D
 Acq: 12 Sep 2019 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	35.0	52.4
54	41.4	32.6	48.8

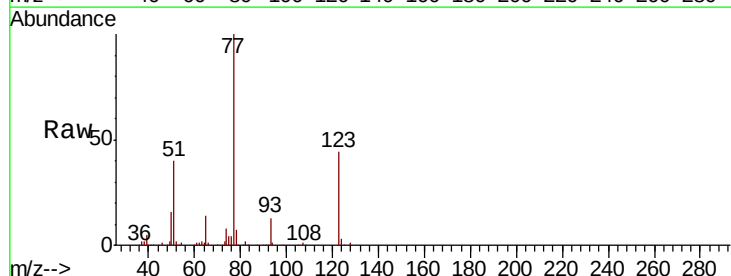


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

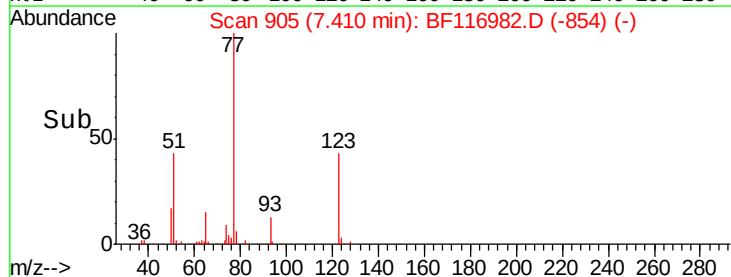
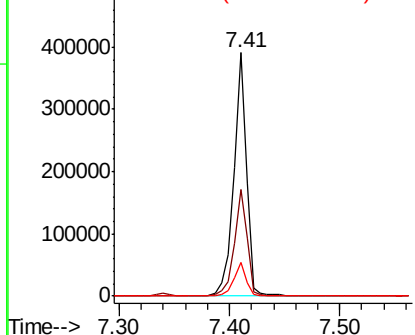


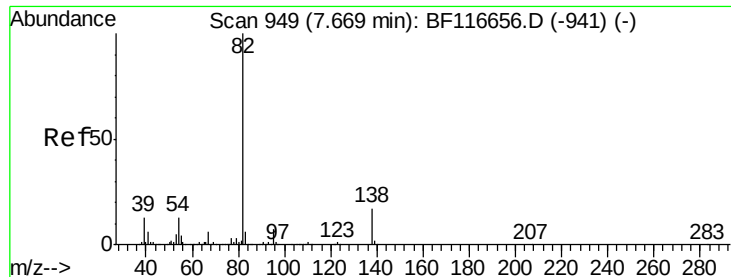
#24
 Nitrobenzene
 Concen: 39.911 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116982.D
 Acq: 12 Sep 2019 10:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	37.7	56.5
65	13.7	10.3	15.5



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





#25

Isophorone

Concen: 37.205 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

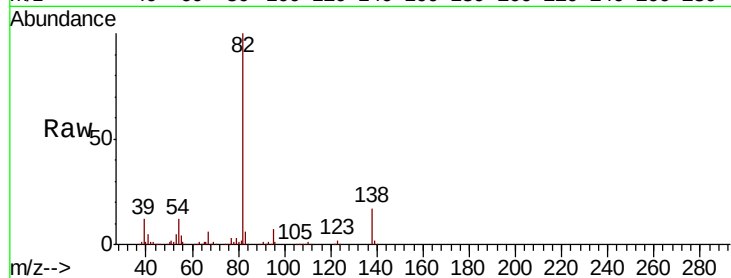
Tot Ion: 82 Resp: 590705

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

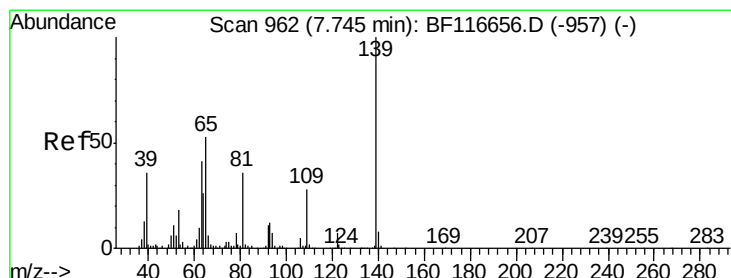
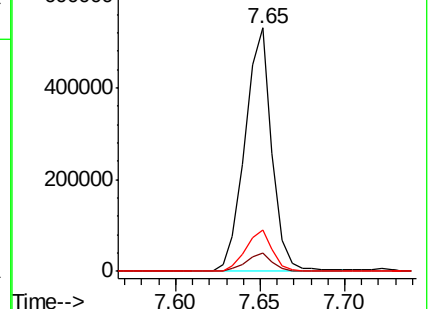
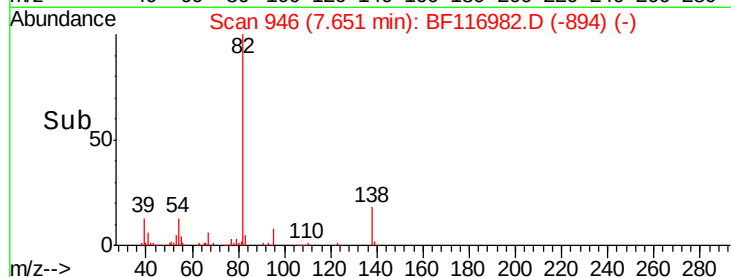
138 17.2 13.4 20.2



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: 48.562 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

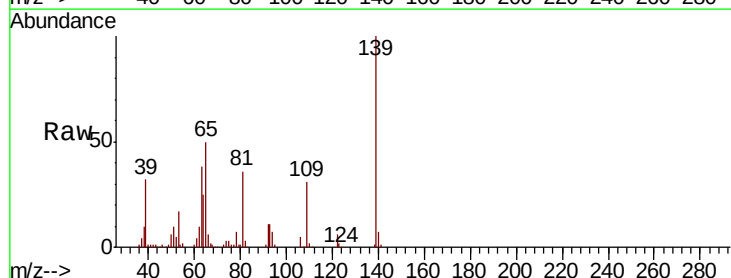
Tgt Ion: 139 Resp: 143873

Ion Ratio Lower Upper

139 100

109 31.3 26.2 39.4

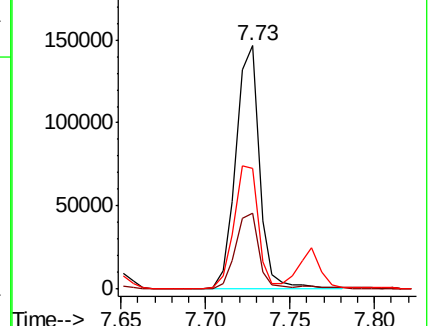
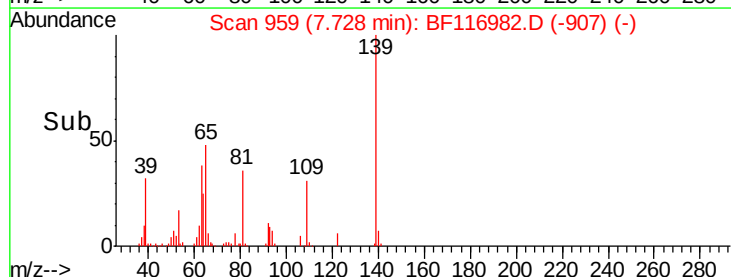
65 49.6 42.5 63.7

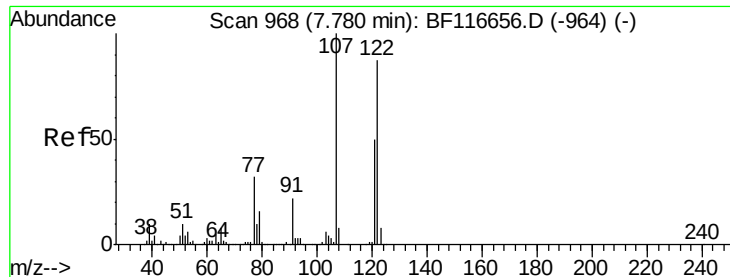


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

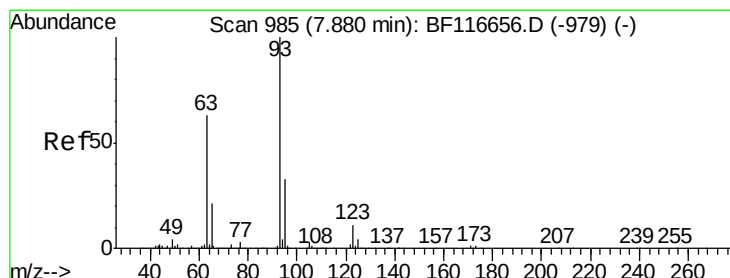
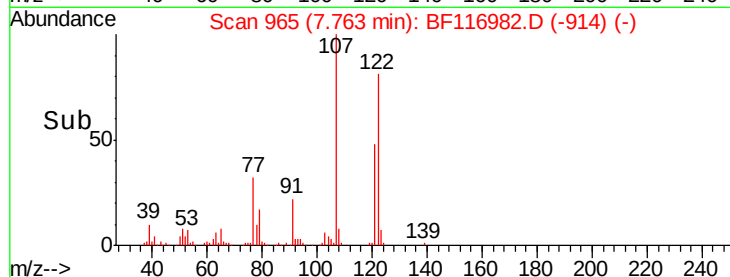
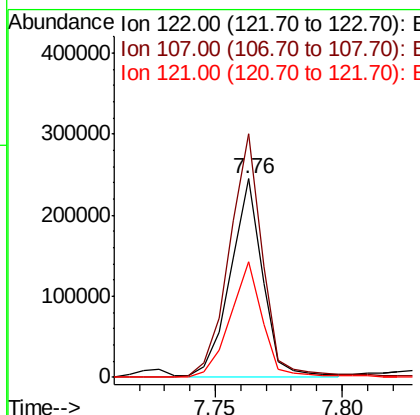
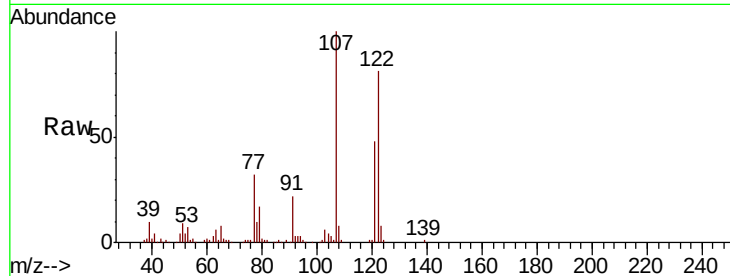




#27
 2,4-Dimethylphenol
 Concen: 36.248 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF116982.D
 Acq: 12 Sep 2019 10:12

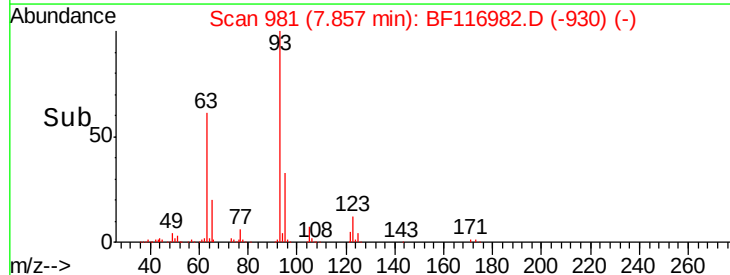
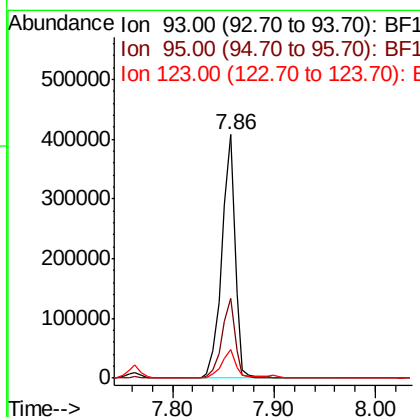
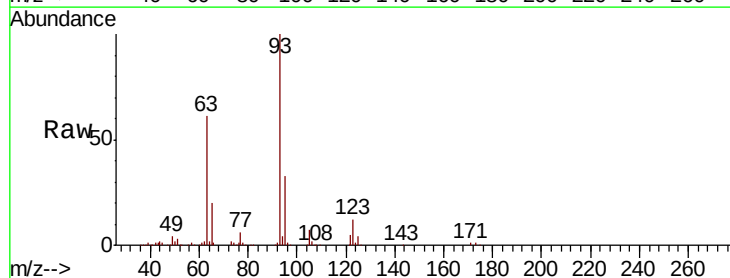
Instrument :
 BNA_F
 ClientSampleId :

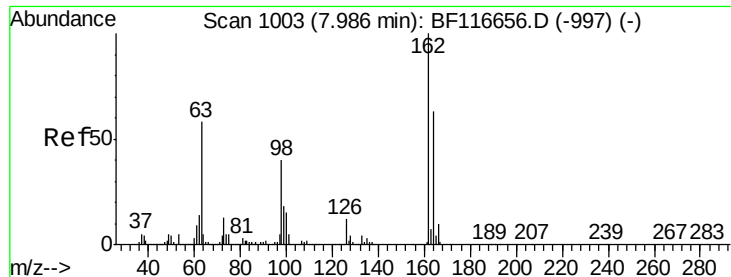
Tot Ion	Ratio	Lower	Upper
122	100		
107	122.8	98.8	148.2
121	58.5	44.8	67.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.418 ng
 RT: 7.86 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF116982.D
 Acq: 12 Sep 2019 10:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.2
123	11.5	9.7	14.5

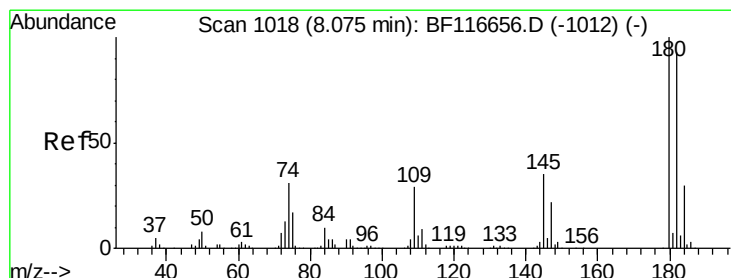
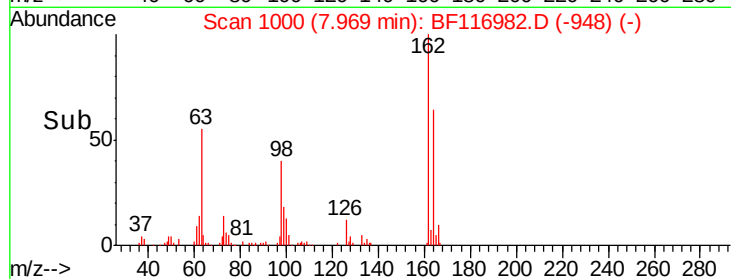
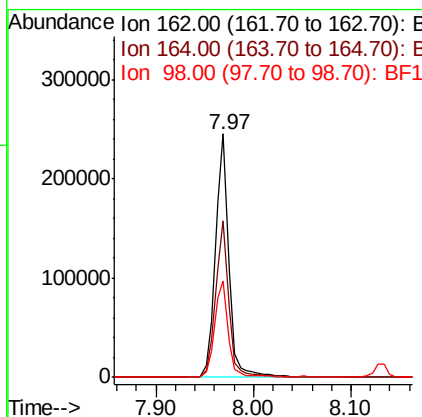
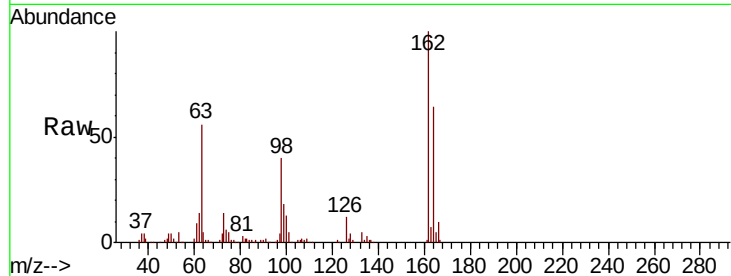




#29
 2,4-Dichlorophenol
 Concen: 40.666 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF116982.D
 Acq: 12 Sep 2019 10:12

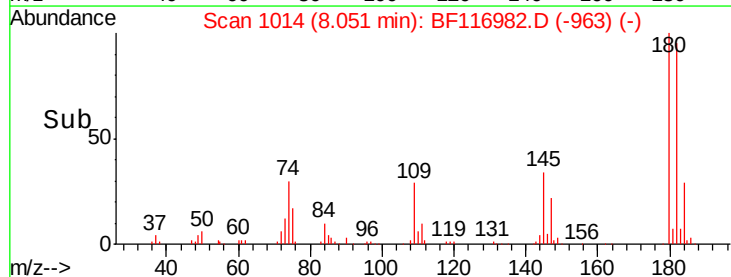
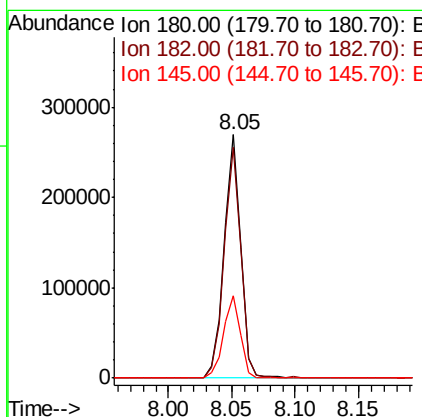
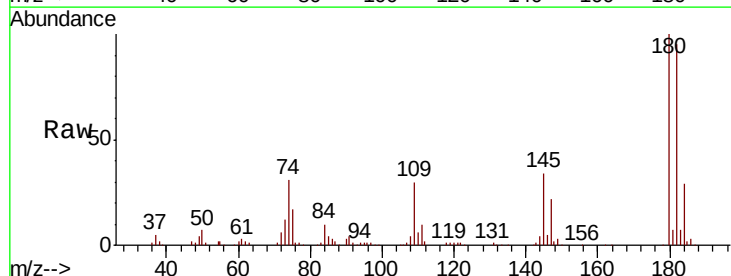
Instrument :
 BNA_F
 ClientSampleId :

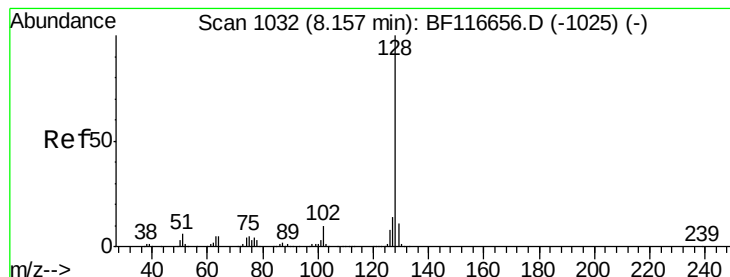
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.8	83.8
98	39.8	22.8	62.8



#30
 1,2,4-Trichlorobenzene
 Concen: 39.525 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF116982.D
 Acq: 12 Sep 2019 10:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.3	115.9
145	33.7	27.4	41.2





#31

Naphthalene

Concen: 38.876 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

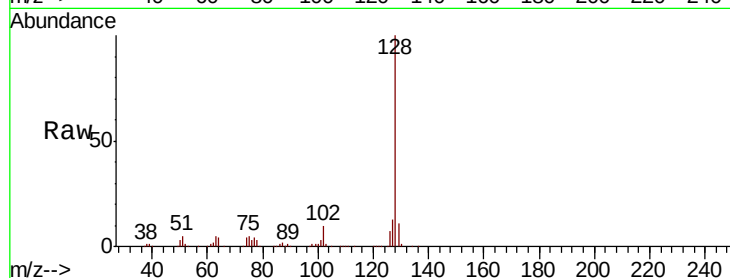
Tot Ion:128 Resp: 826865

Ion Ratio Lower Upper

128 100

129 10.7 9.2 13.8

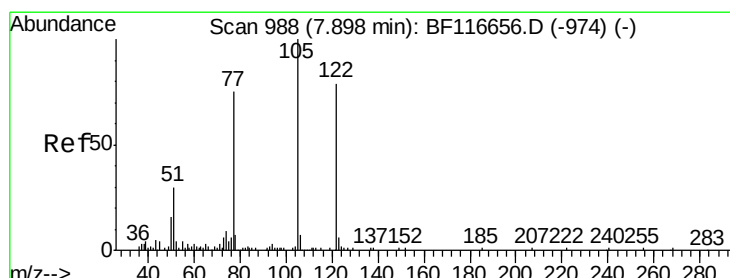
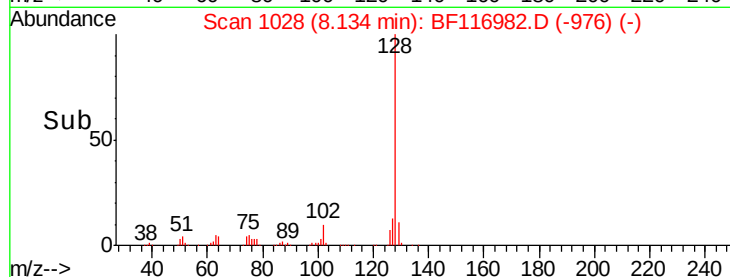
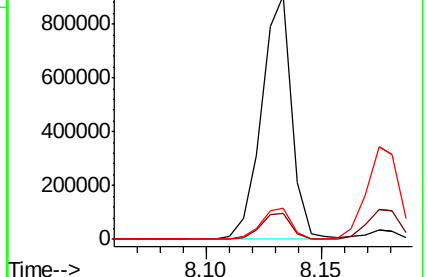
127 13.0 10.6 16.0



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: 49.473 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

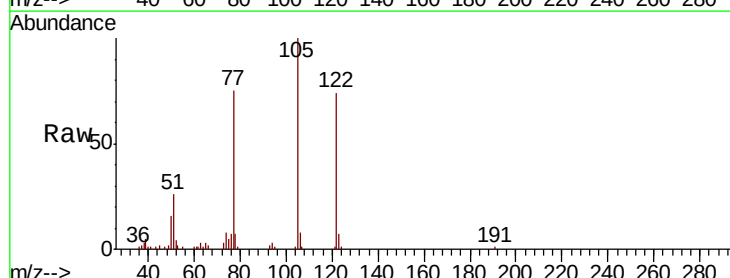
Tgt Ion:122 Resp: 167143

Ion Ratio Lower Upper

122 100

105 134.4 105.8 145.8

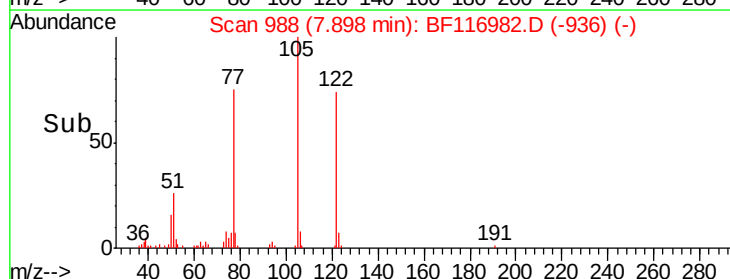
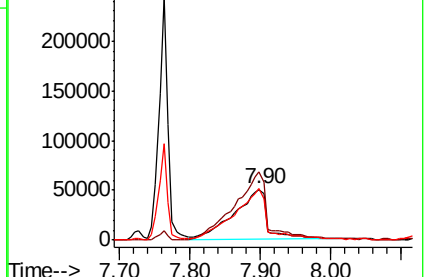
77 101.0 74.3 114.3

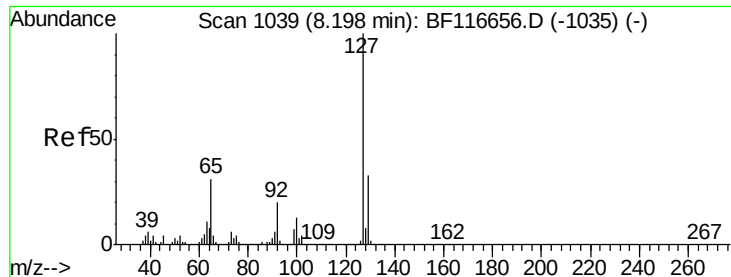


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

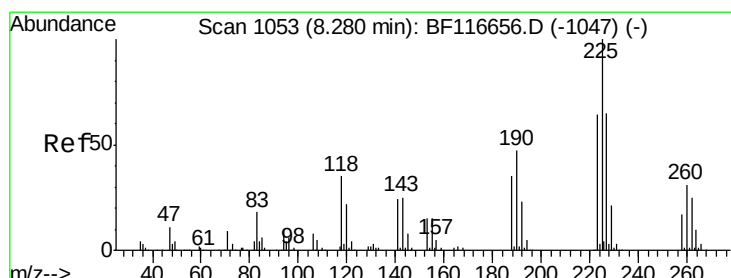
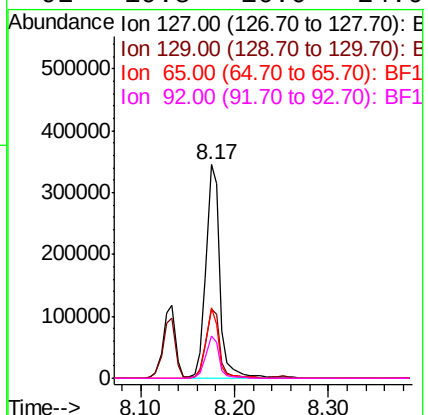
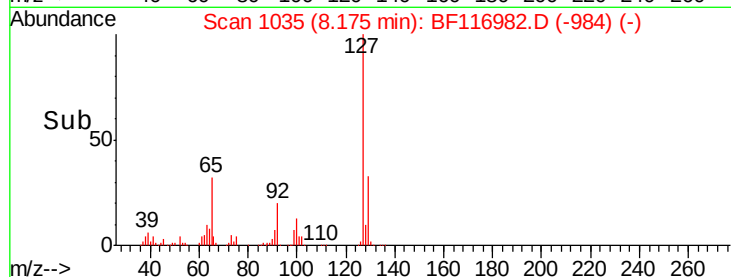
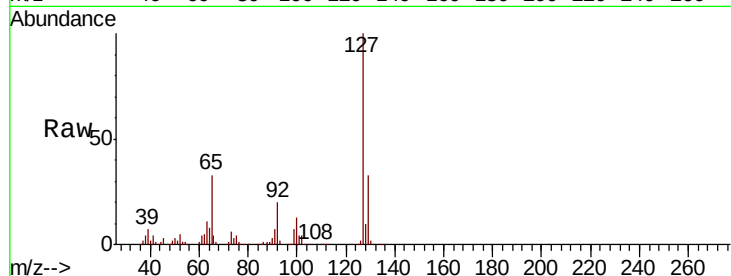




#33
4-Chloroaniline
Concen: 37.335 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

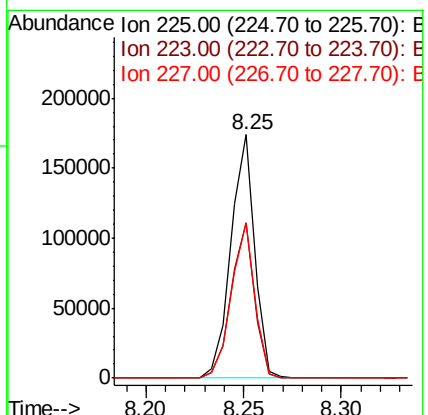
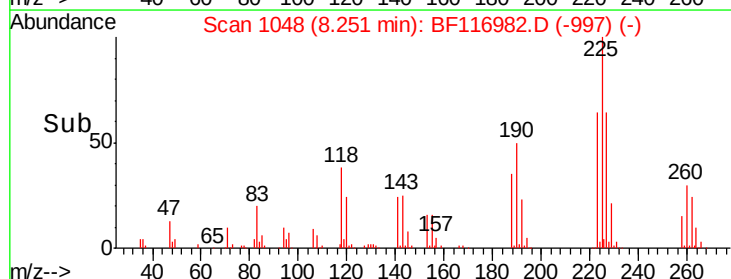
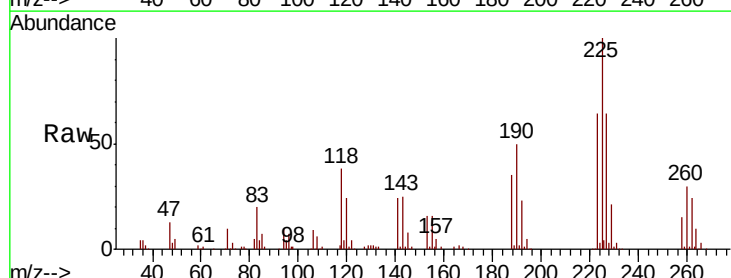
Instrument :
BNA_F
ClientSampled :

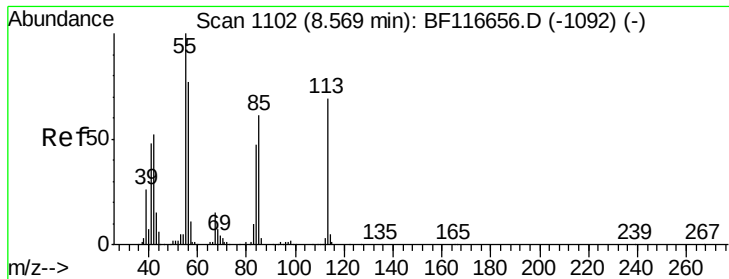
Tot Ion:	127	Resp:	361473
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.8
65	33.0	25.3	37.9
92	19.8	16.0	24.0



#34
Hexachlorobutadiene
Concen: 43.157 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

Tgt Ion:	225	Resp:	146764
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.8	74.6
227	64.0	50.6	75.8





#35

Caprolactam

Concen: 34.211 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

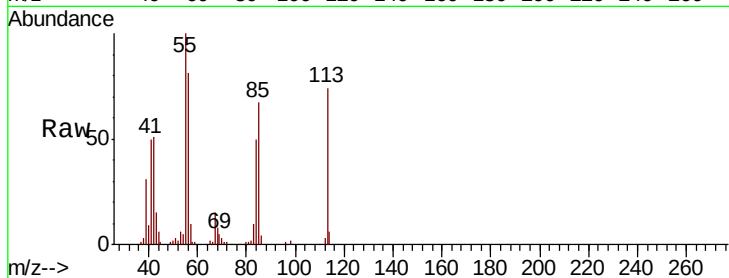
Tot Ion:113 Resp: 73621

Ion Ratio Lower Upper

113 100

55 135.9 116.6 156.6

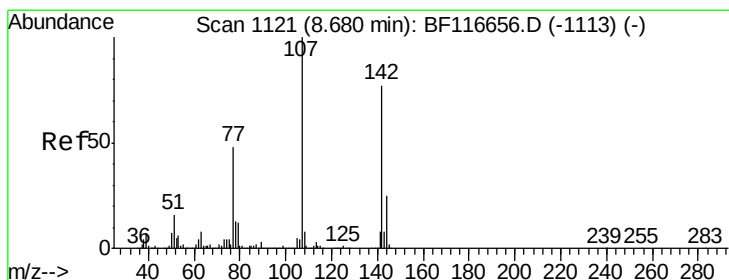
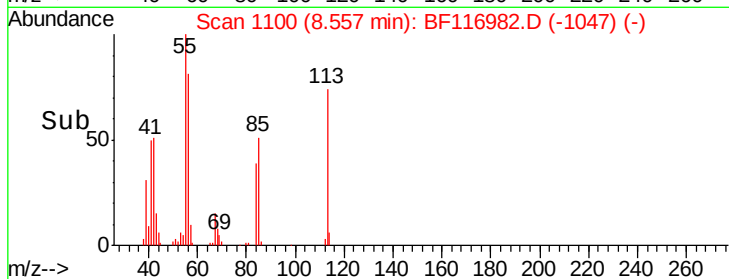
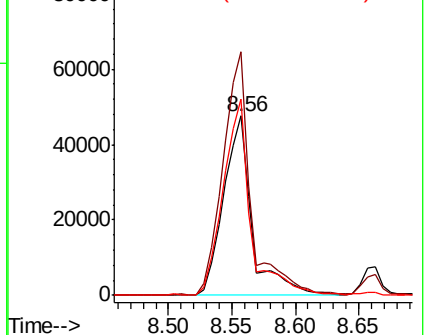
56 109.6 91.3 131.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.936 ng

RT: 8.66 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

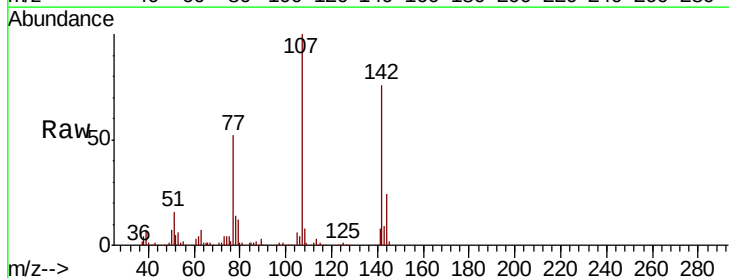
Tgt Ion:107 Resp: 270546

Ion Ratio Lower Upper

107 100

144 24.4 18.6 28.0

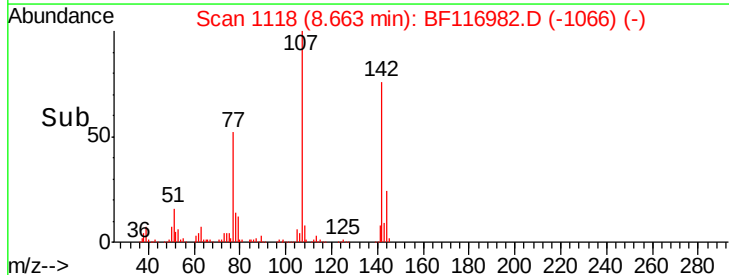
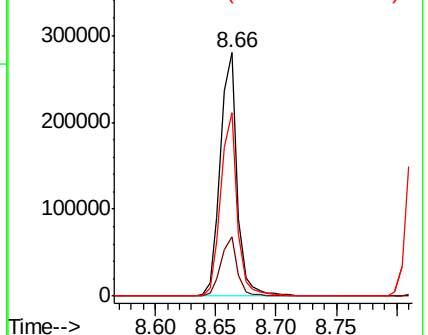
142 75.5 55.9 83.9

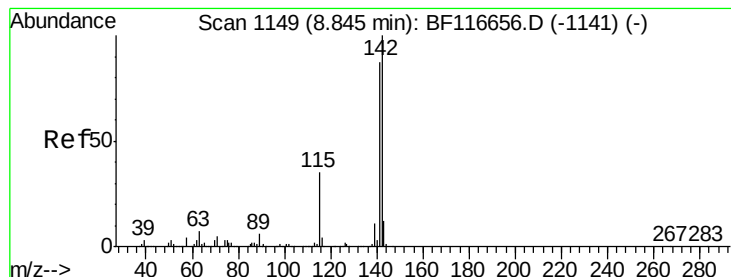


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.028 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

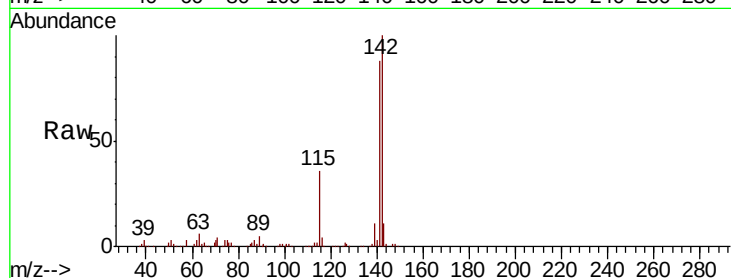
Tot Ion:142 Resp: 566472

Ion Ratio Lower Upper

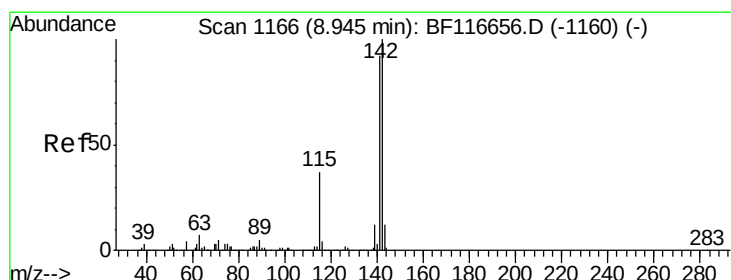
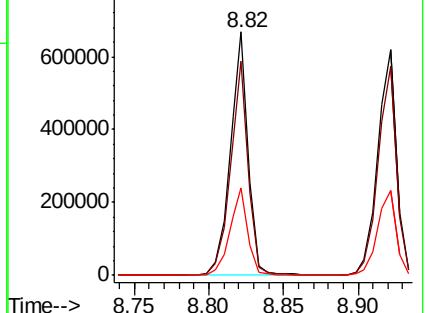
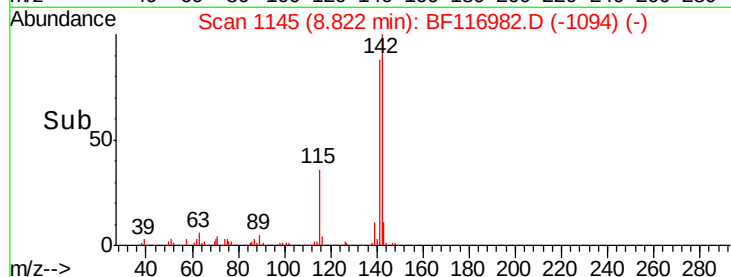
142 100

141 88.0 70.5 105.7

115 35.8 27.7 41.5



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: 39.863 ng

RT: 8.92 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

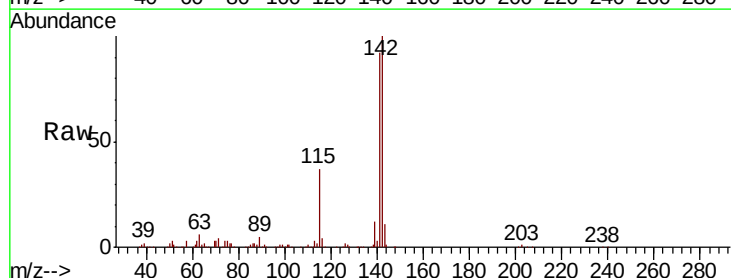
Tgt Ion:142 Resp: 532537

Ion Ratio Lower Upper

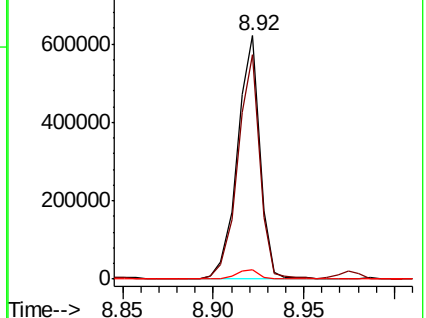
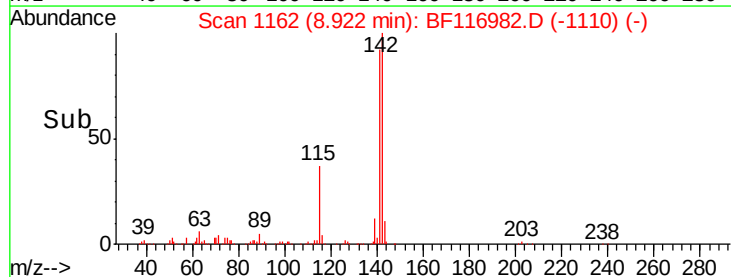
142 100

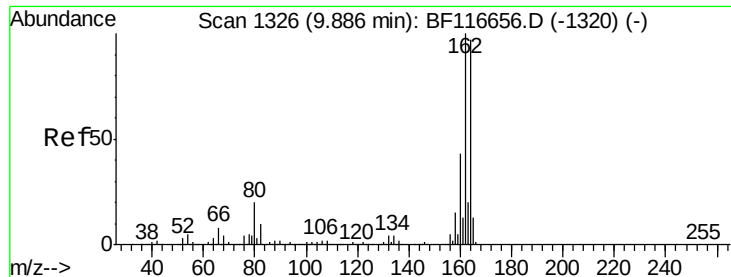
141 92.4 71.9 107.9

116 3.9 3.2 4.8



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

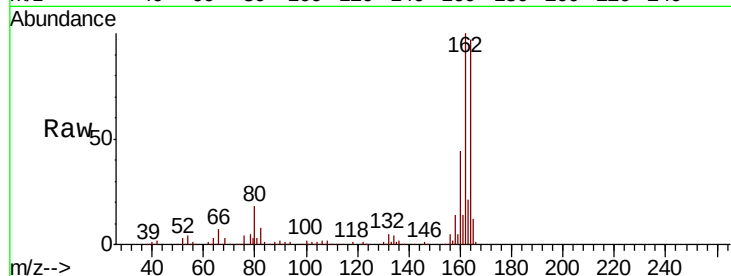




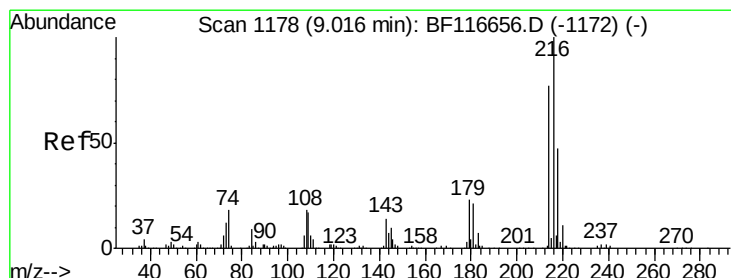
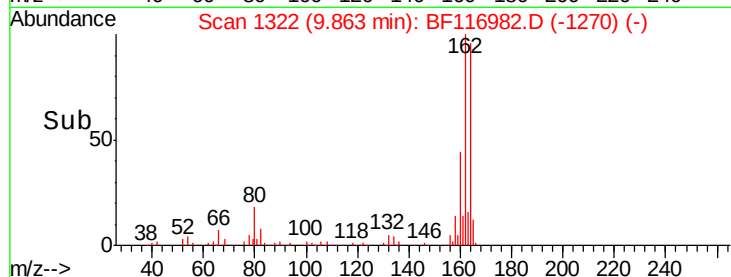
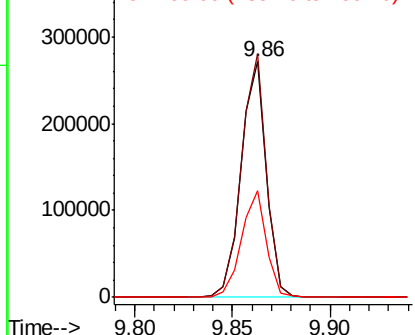
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BF116982.D
 Acq: 12 Sep 2019 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.8	122.6
160	45.1	35.7	53.5

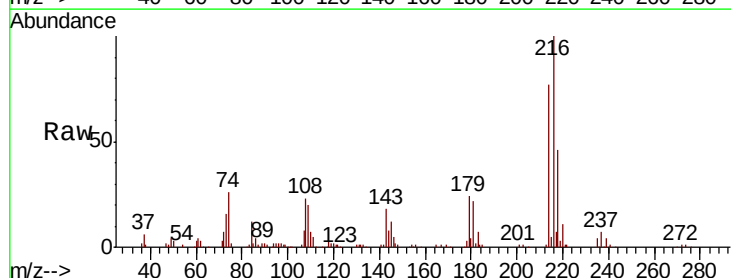


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

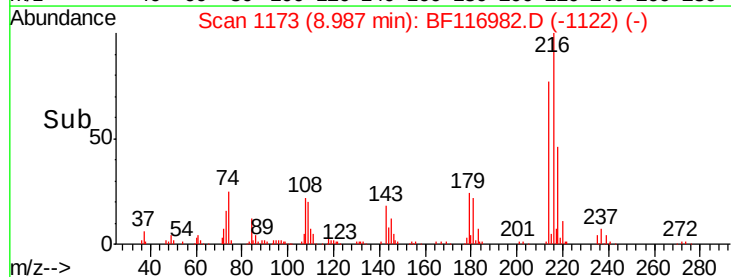
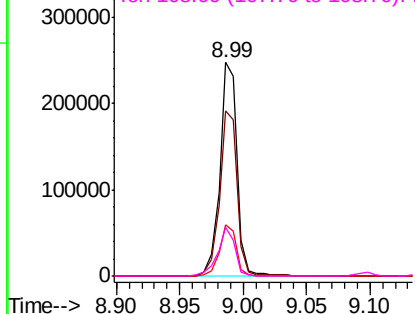


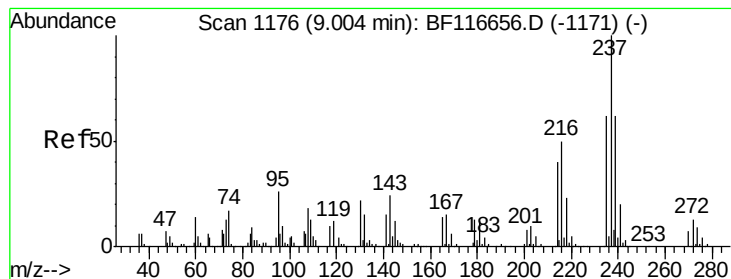
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.270 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF116982.D
 Acq: 12 Sep 2019 10:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	23.3	19.3	28.9
108	22.9	18.7	28.1



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: 32.707 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

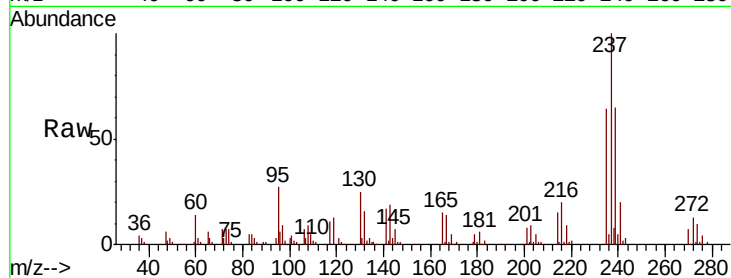
Tot Ion:237 Resp: 109740

Ion Ratio Lower Upper

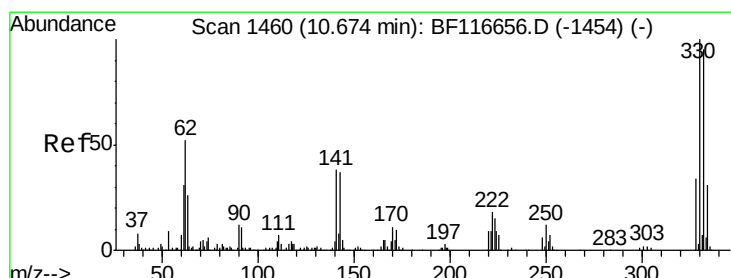
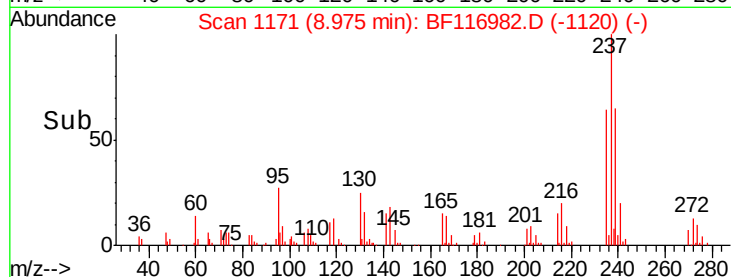
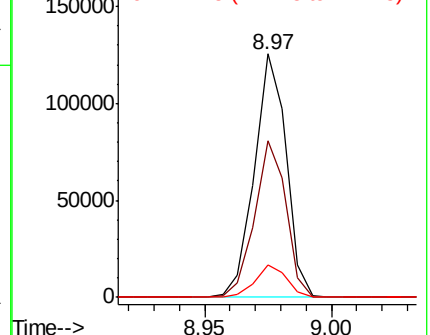
237 100

235 64.3 45.8 85.8

272 13.1 0.0 33.4



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: 98.688 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

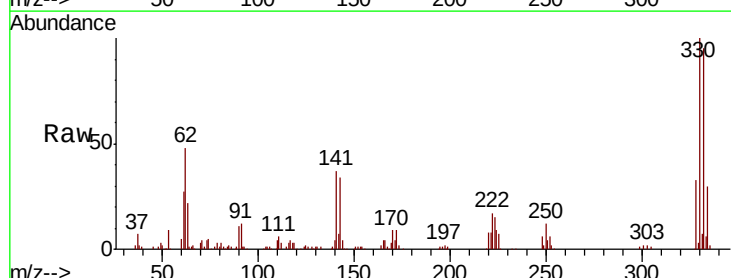
Tgt Ion:330 Resp: 159911

Ion Ratio Lower Upper

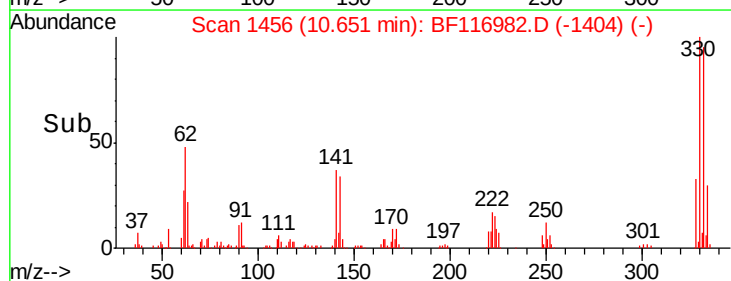
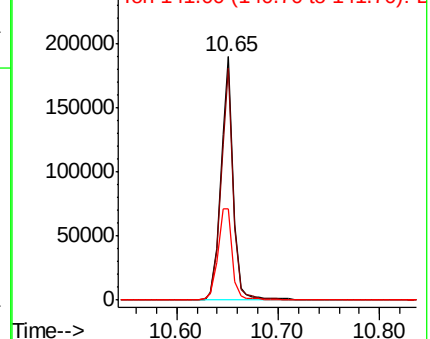
330 100

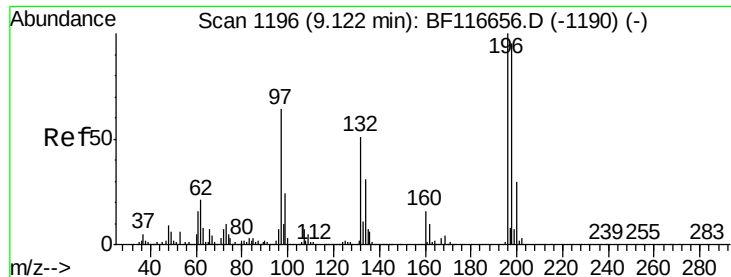
332 94.7 75.9 113.9

141 44.3 35.6 53.4



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

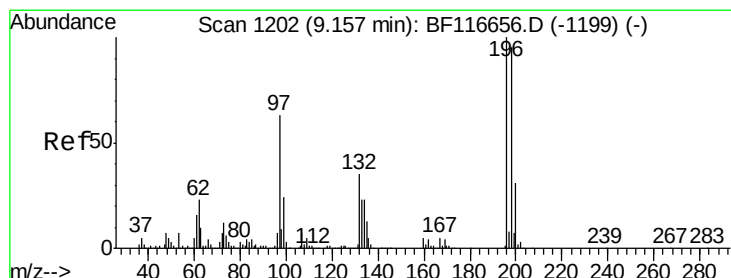
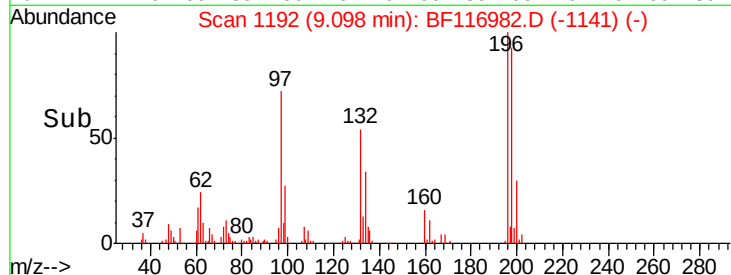
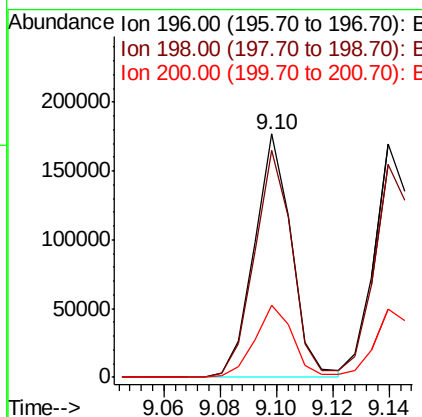
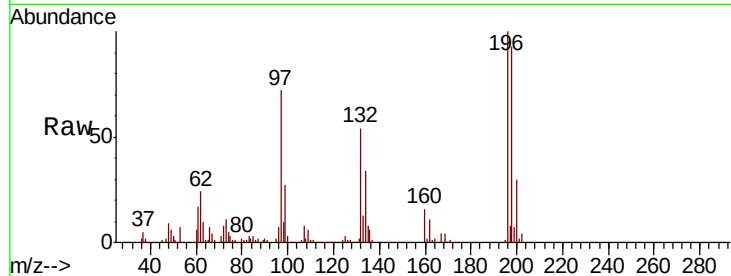




#43
2,4,6-Trichlorophenol
Concen: 40.561 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

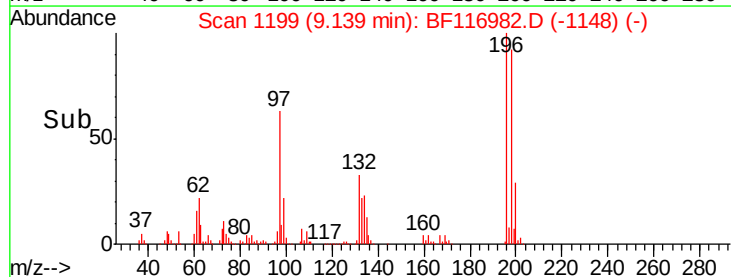
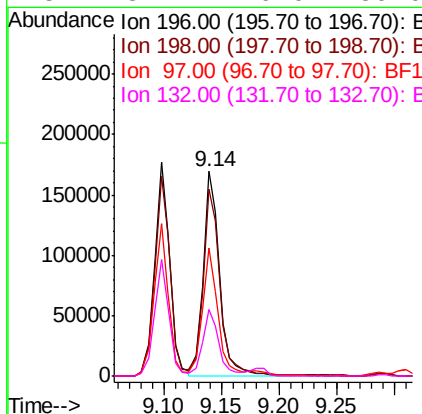
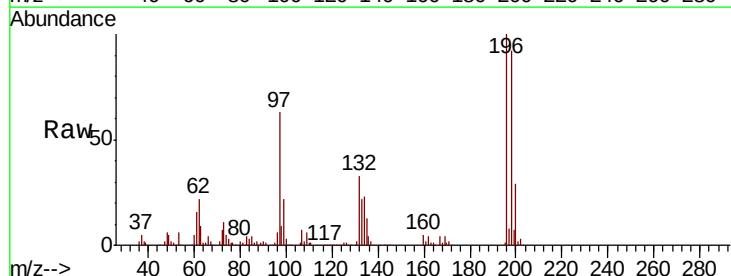
Instrument :
BNA_F
ClientSampled :

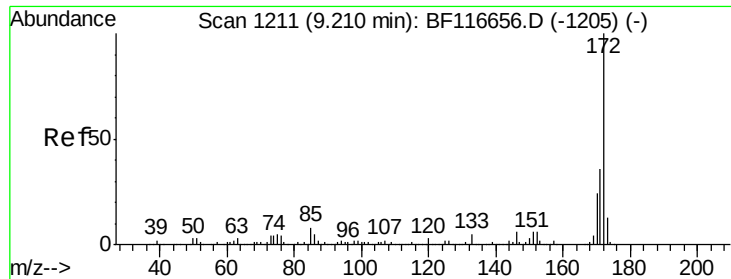
Tot Ion:196 Resp: 161552
Ion Ratio Lower Upper
196 100
198 93.5 77.4 116.0
200 29.7 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 41.038 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

Tgt Ion:196 Resp: 169691
Ion Ratio Lower Upper
196 100
198 91.5 74.7 112.1
97 62.7 45.4 68.0
132 32.7 26.0 39.0

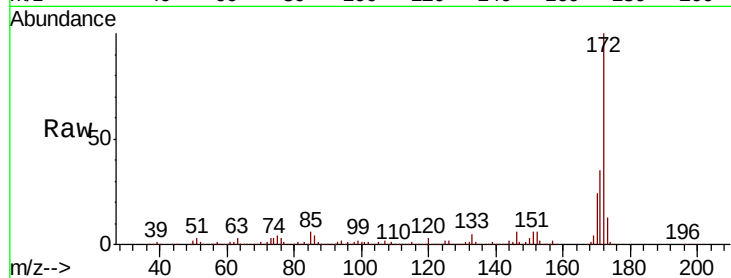




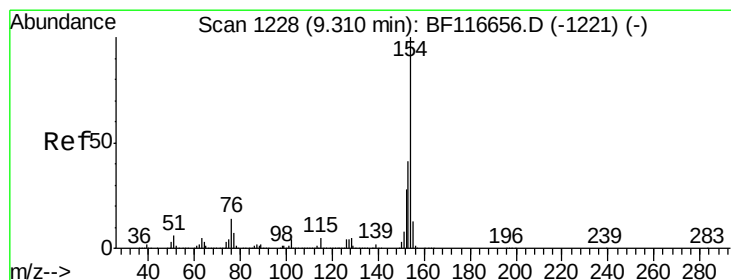
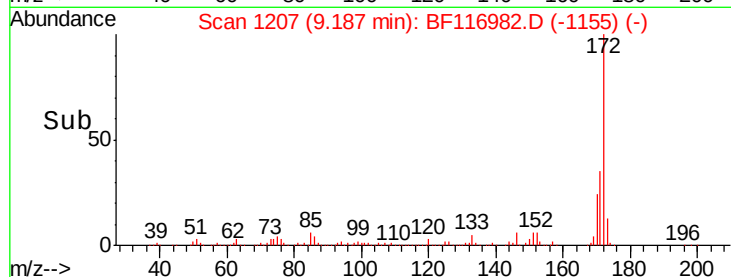
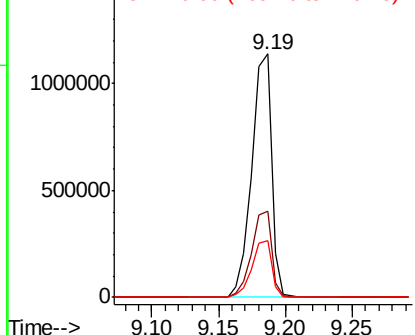
#45
2-Fluorobiphenyl
Concen: 80.473 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1156270
Ion Ratio Lower Upper
172 100
171 35.3 29.1 43.7
170 23.5 19.2 28.8

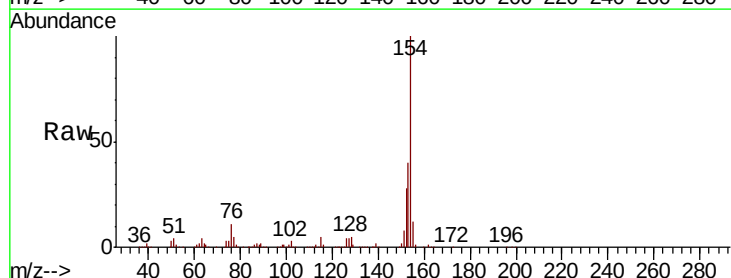


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

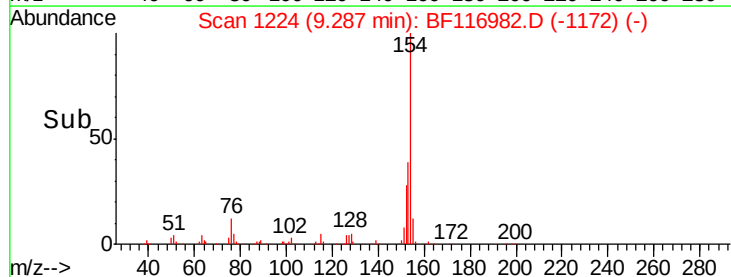
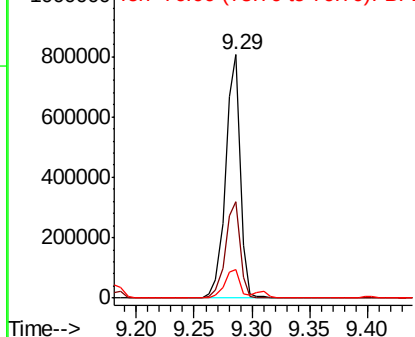


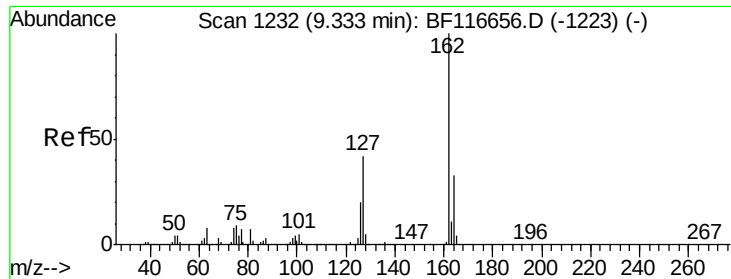
#46
1,1'-Biphenyl
Concen: 38.492 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

Tgt Ion:154 Resp: 707944
Ion Ratio Lower Upper
154 100
153 39.5 19.8 59.8
76 11.5 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

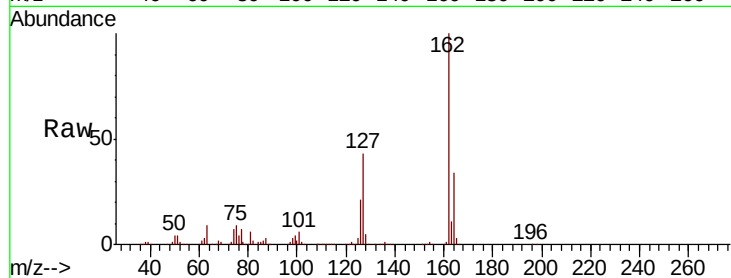




#47
 2-Chloronaphthalene
 Concen: 37.525 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF116982.D
 Acq: 12 Sep 2019 10:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.3	32.7	49.1
164	34.0	27.0	40.4

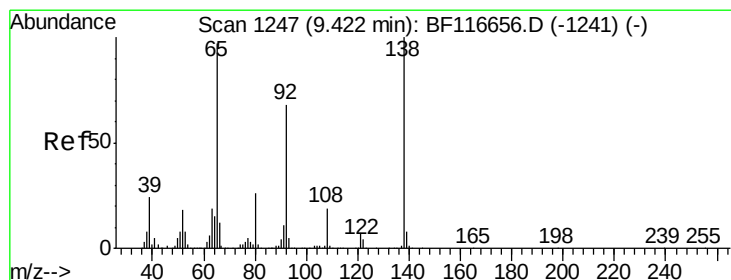
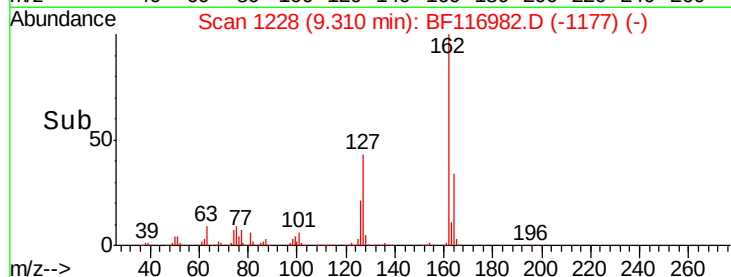
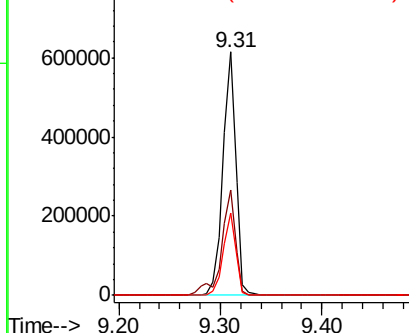


Abundance

Ion 162.00 (161.70 to 162.70): E

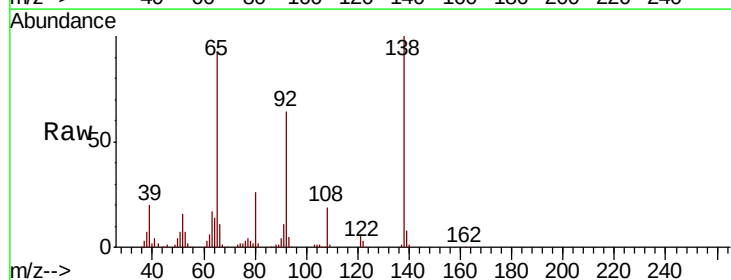
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 42.206 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF116982.D
 Acq: 12 Sep 2019 10:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	59.0	88.6
138	107.9	84.2	126.2

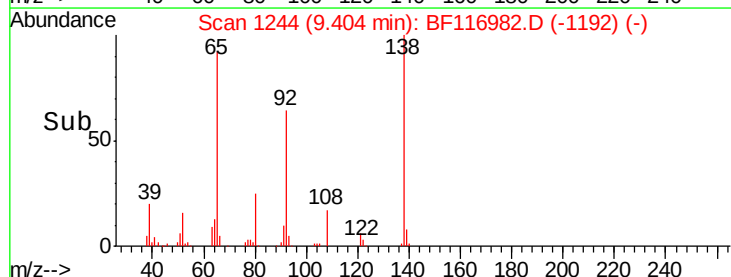
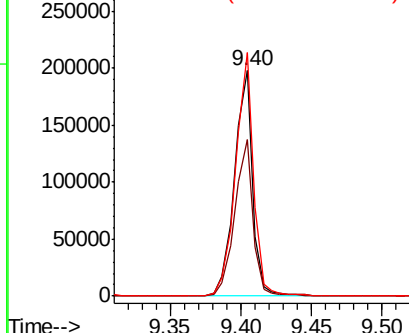


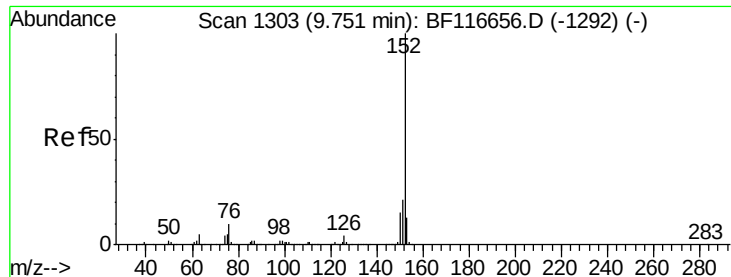
Abundance

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: 37.276 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

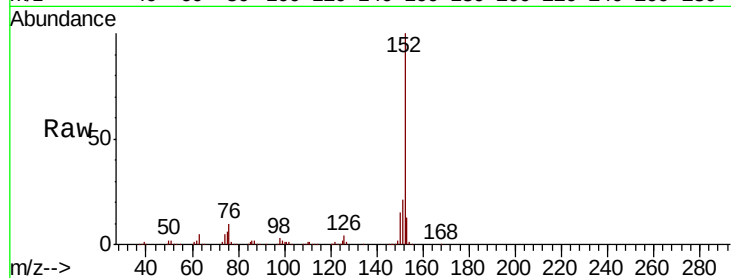
Tot Ion:152 Resp: 820819

Ion Ratio Lower Upper

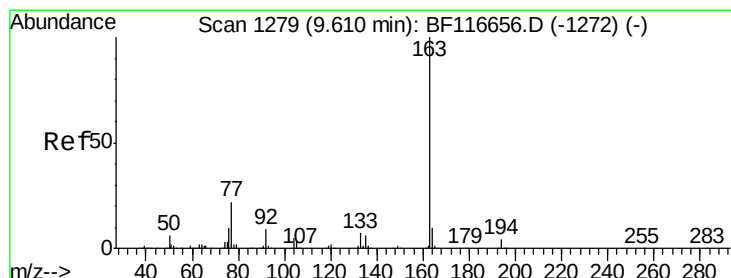
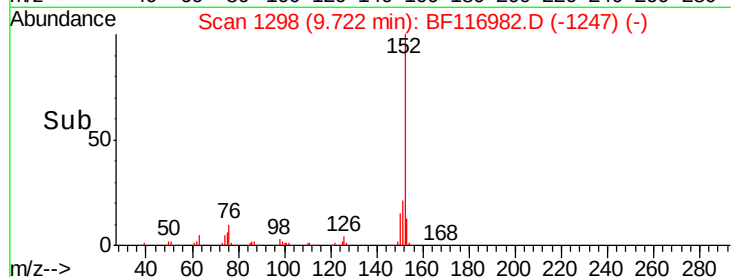
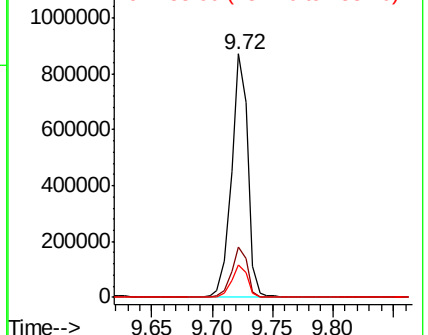
152 100

151 20.5 16.1 24.1

153 13.2 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.160 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

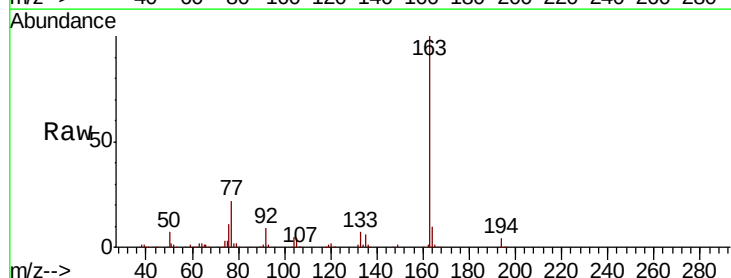
Tgt Ion:163 Resp: 655303

Ion Ratio Lower Upper

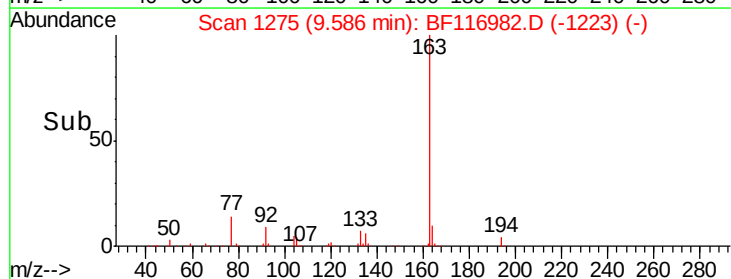
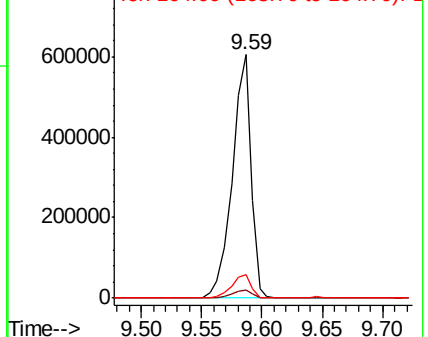
163 100

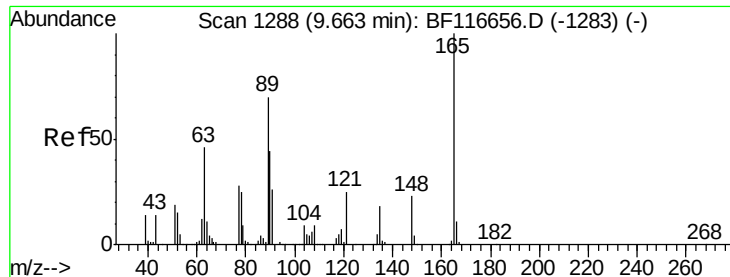
194 3.5 2.7 4.1

164 9.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.528 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

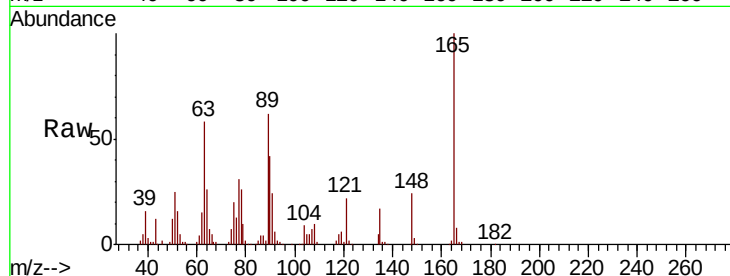
Tot Ion:165 Resp: 135779

Ion Ratio Lower Upper

165 100

63 57.5 38.0 57.0#

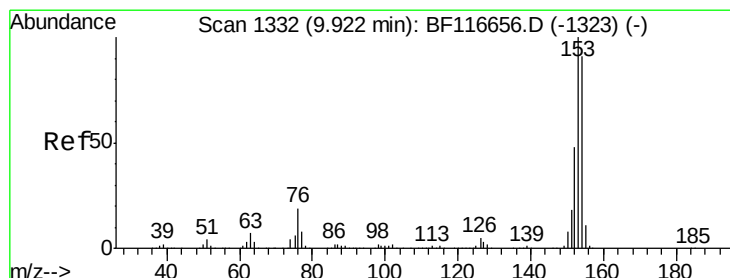
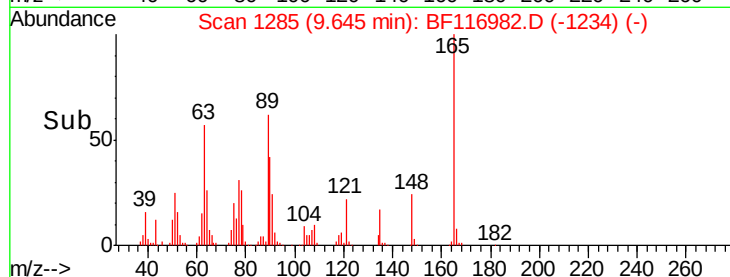
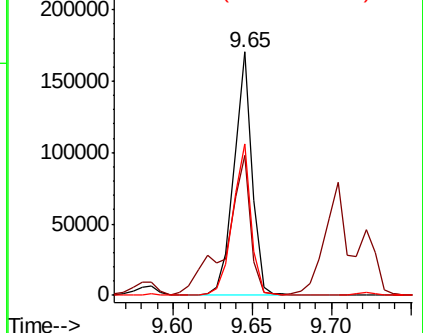
89 62.4 44.1 66.1



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



#52

Acenaphthene

Concen: 36.712 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

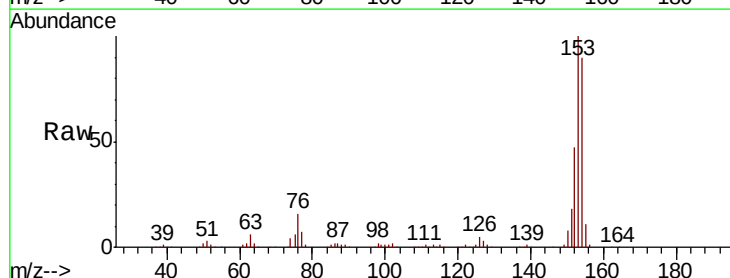
Tgt Ion:154 Resp: 496719

Ion Ratio Lower Upper

154 100

153 111.1 89.9 134.9

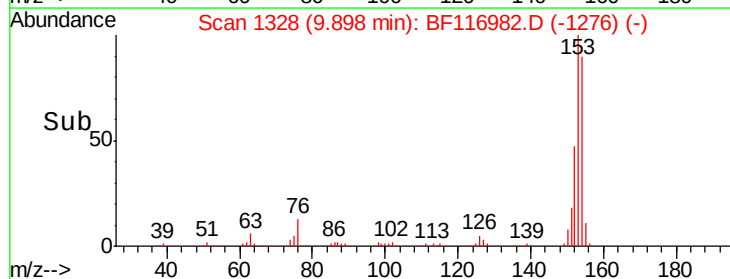
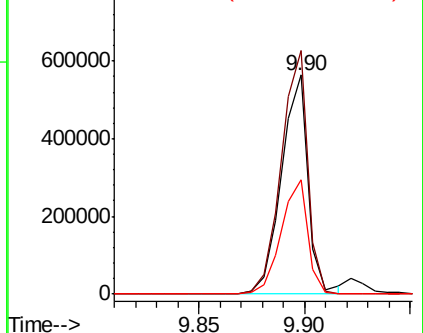
152 51.9 42.6 63.8

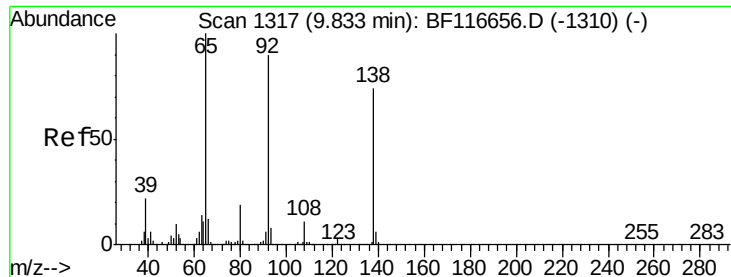


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

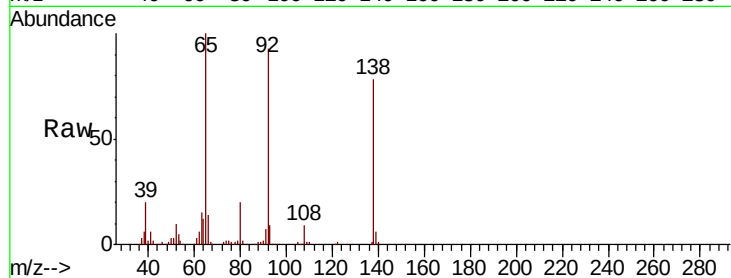




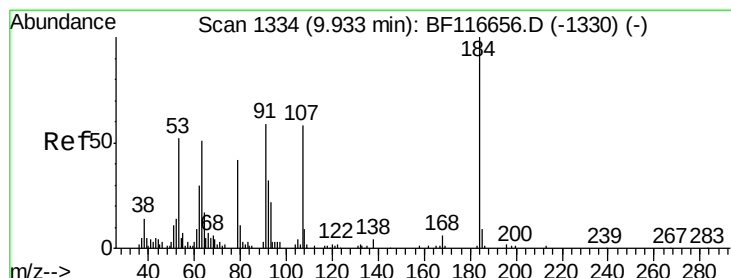
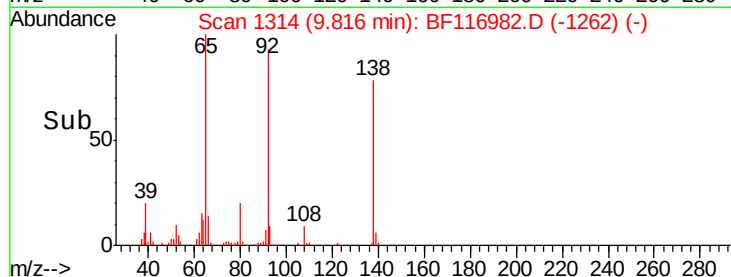
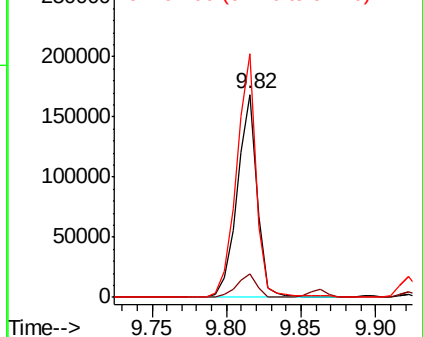
#53
3-Nitroaniline
Concen: 39.553 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 158256
Ion Ratio Lower Upper
138 100
108 11.3 9.3 13.9
92 120.1 98.9 148.3

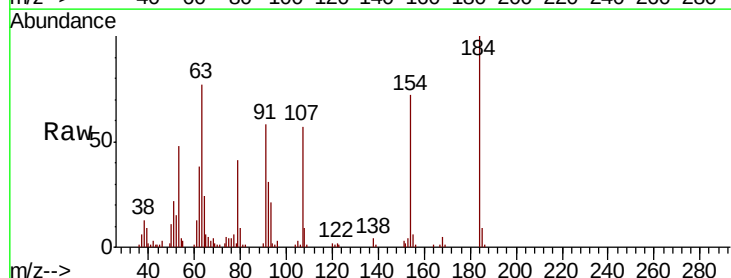


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

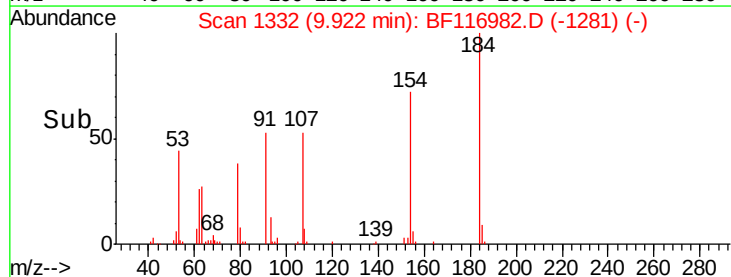
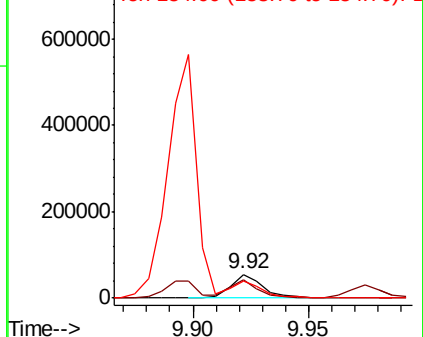


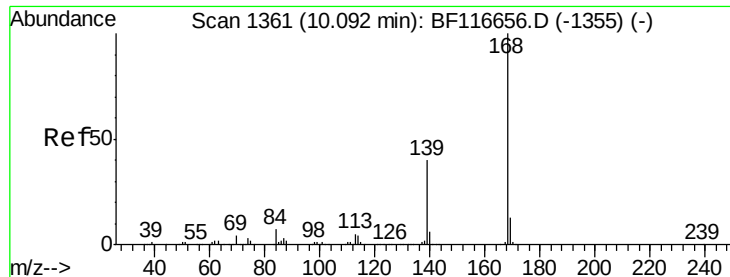
#54
2,4-Dinitrophenol
Concen: 50.324 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

Tgt Ion:184 Resp: 52727
Ion Ratio Lower Upper
184 100
63 77.5 49.0 73.4#
154 72.3 58.3 87.5



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





#55

Dibenzofuran

Concen: 38.046 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

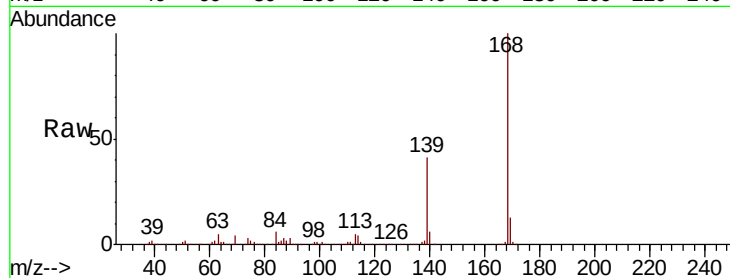
Tot Ion:168 Resp: 725672

Ion Ratio Lower Upper

168 100

139 40.9 34.2 51.4

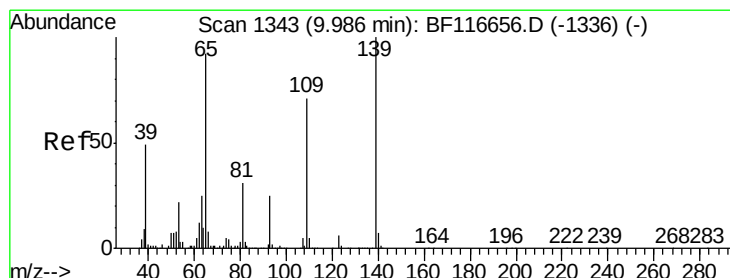
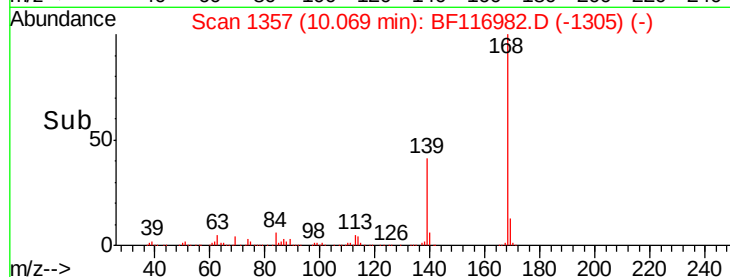
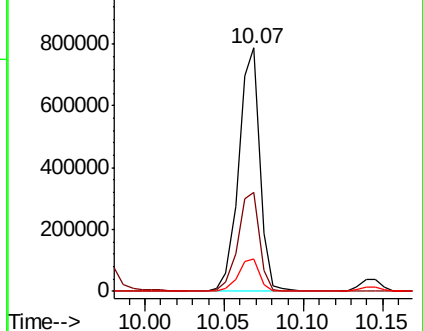
169 13.2 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.315 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

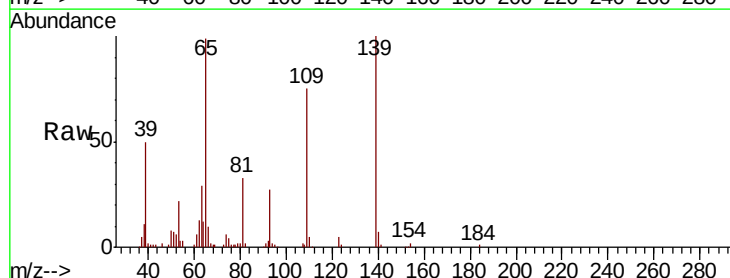
Tgt Ion:139 Resp: 107858

Ion Ratio Lower Upper

139 100

109 75.2 54.0 94.0

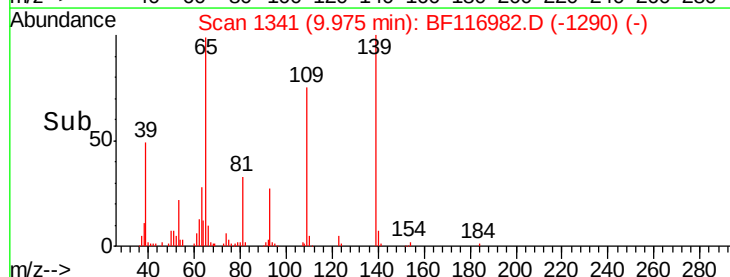
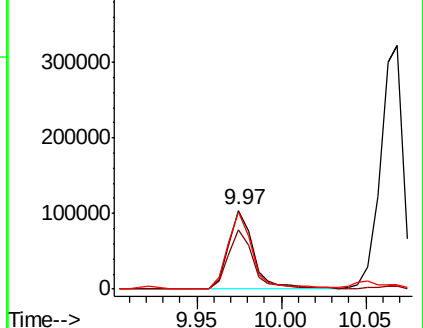
65 98.8 74.0 114.0

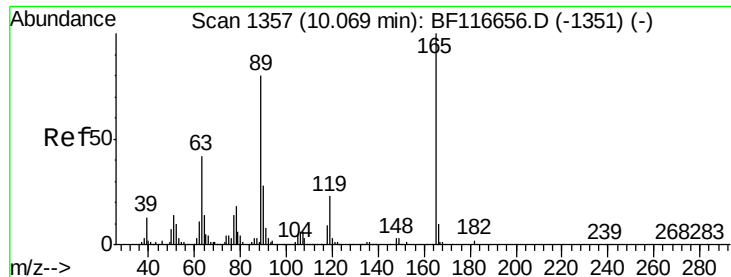


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 45.671 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 178295

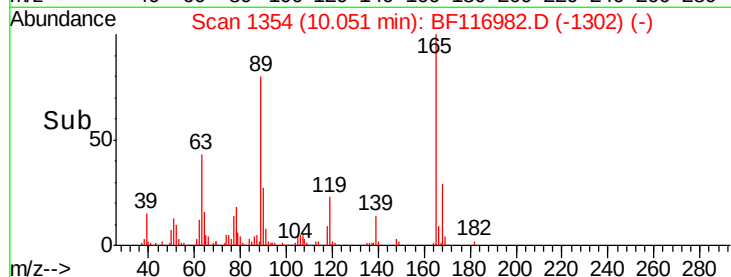
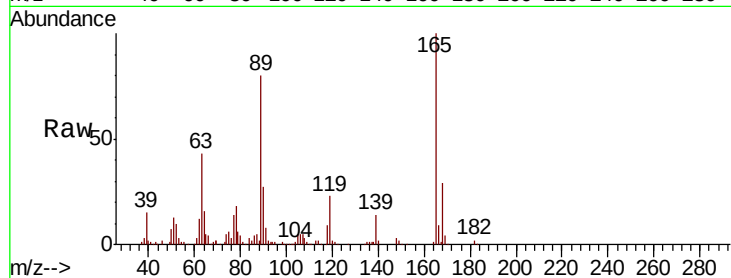
Ion Ratio Lower Upper

165 100

63 43.4 36.2 54.2

89 80.1 66.1 99.1

182 2.4 1.8 2.8

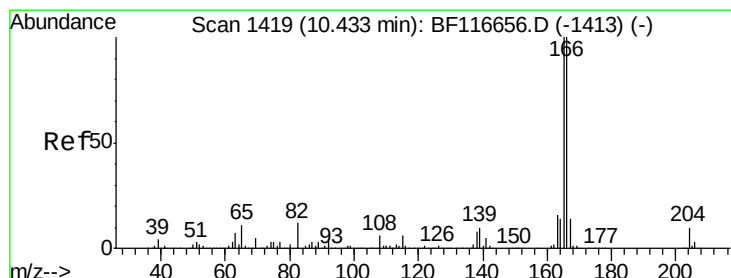
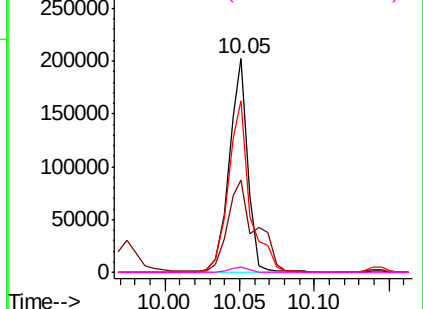


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.774 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

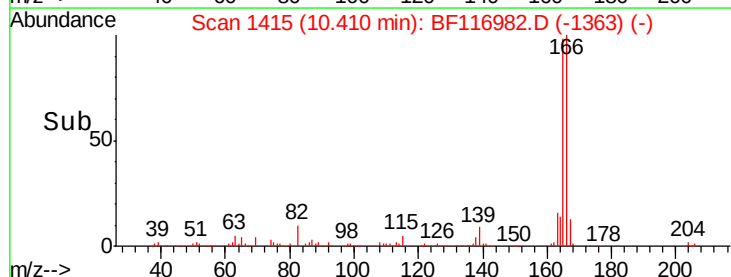
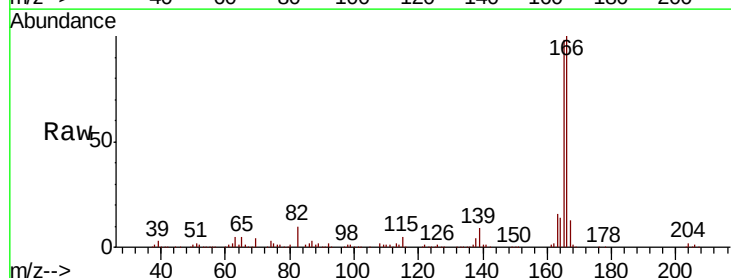
Tgt Ion:166 Resp: 578039

Ion Ratio Lower Upper

166 100

165 97.8 77.0 115.6

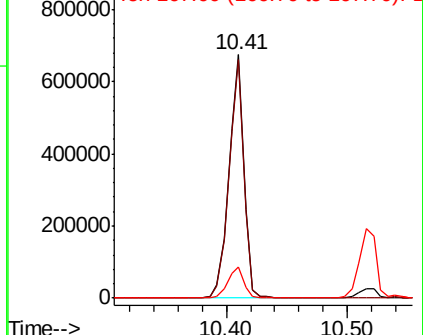
167 12.6 10.7 16.1

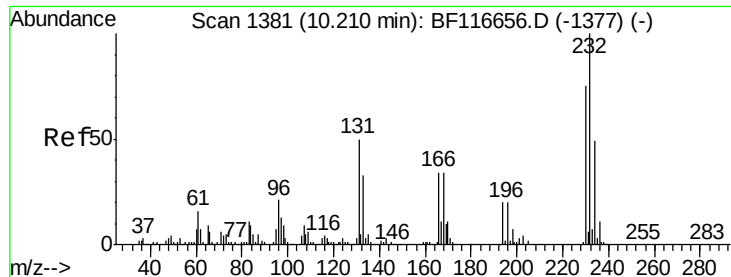


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

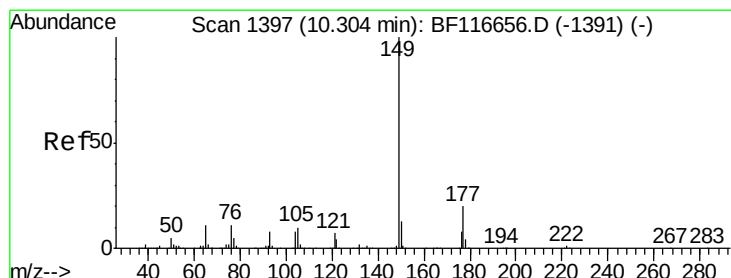
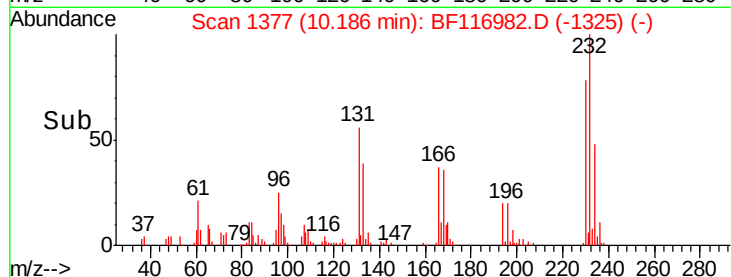
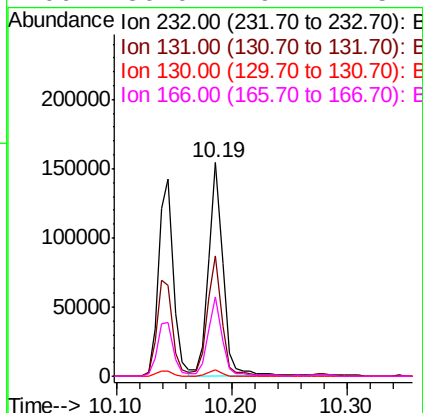
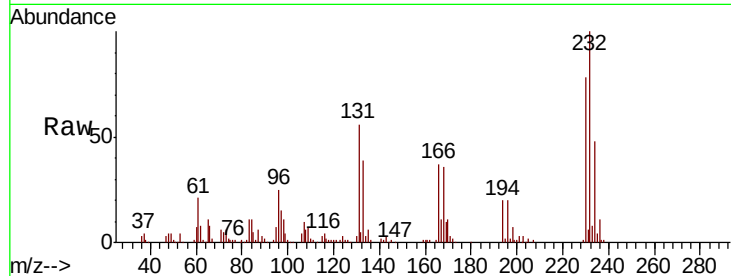




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.342 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF116982.D
 Acq: 12 Sep 2019 10:12

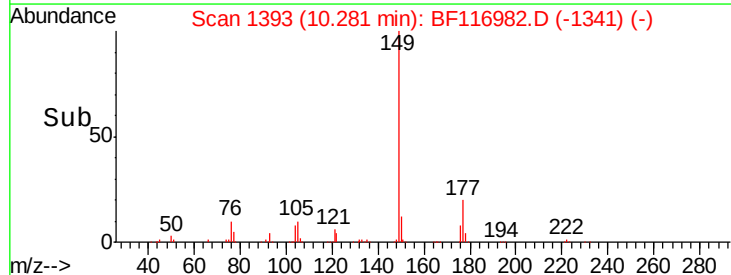
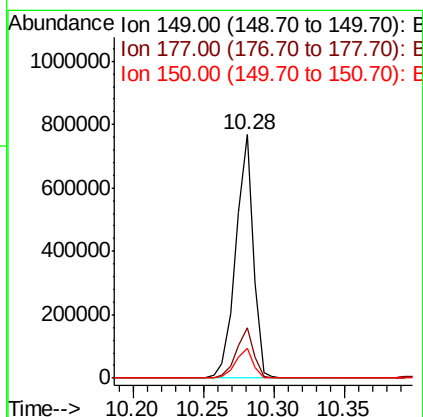
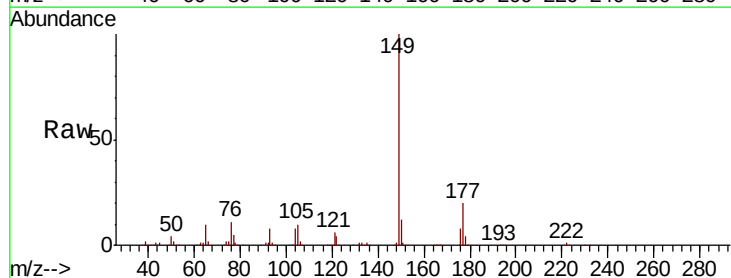
Instrument :
 BNA_F
 ClientSampleId :

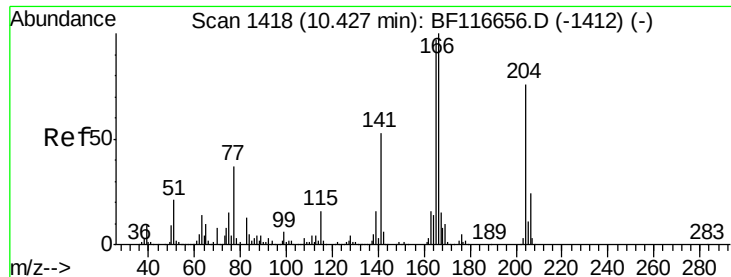
Tot Ion:	232	Resp:	135313
Ion	Ratio	Lower	Upper
232	100		
131	55.5	46.1	69.1
130	2.8	2.2	3.4
166	36.0	29.1	43.7



#60
 Diethylphthalate
 Concen: 39.613 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF116982.D
 Acq: 12 Sep 2019 10:12

Tgt Ion:	149	Resp:	664006
Ion	Ratio	Lower	Upper
149	100		
177	20.5	15.9	23.9
150	12.1	10.0	15.0

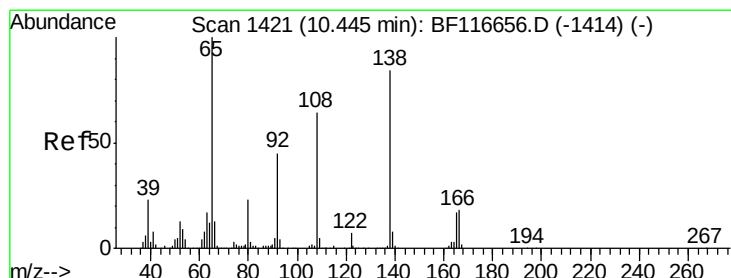
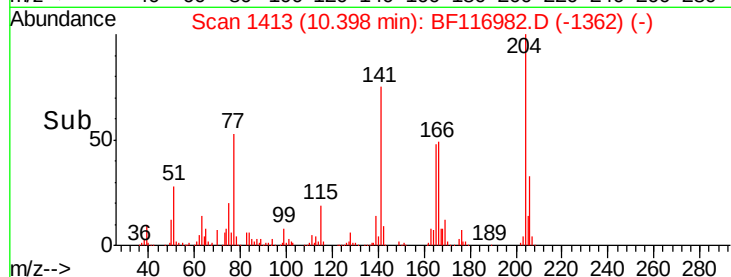
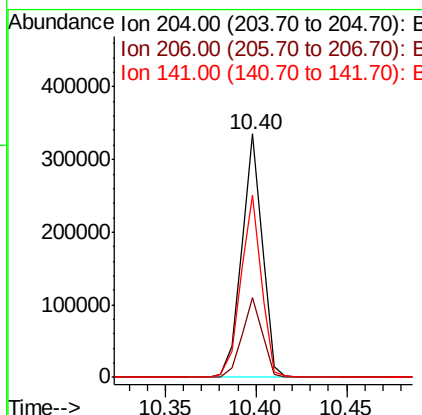
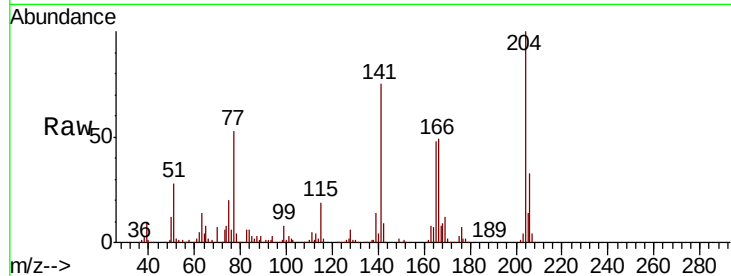




#61
4-Chlorophenyl-phenylether
Concen: 41.481 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

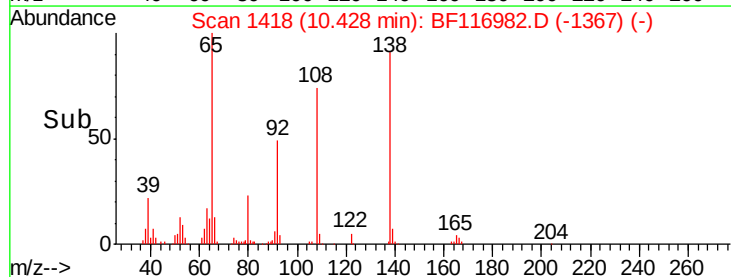
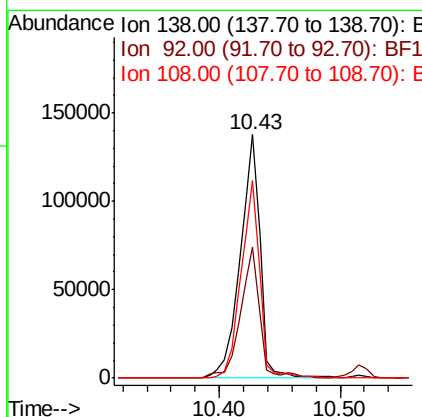
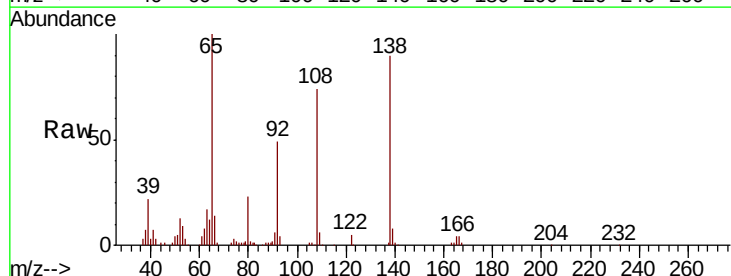
Instrument :
BNA_F
ClientSampled :

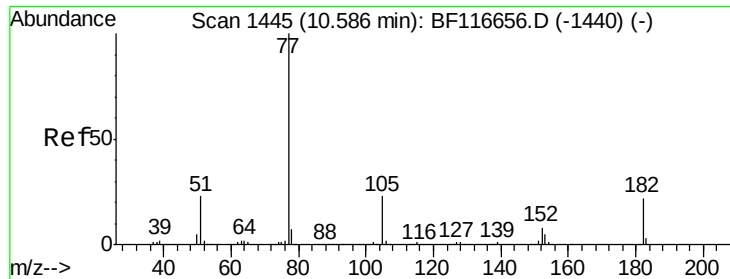
Tot Ion:204 Resp: 263989
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 74.7 58.0 87.0



#62
4-Nitroaniline
Concen: 40.782 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

Tgt Ion:138 Resp: 158354
Ion Ratio Lower Upper
138 100
92 54.0 31.0 71.0
108 81.3 59.1 99.1





#63

Azobenzene

Concen: 37.740 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 659632

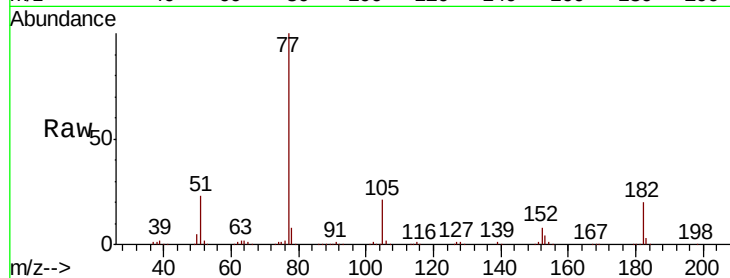
Ion Ratio Lower Upper

77 100

182 20.1 1.9 41.9

105 21.1 1.5 41.5

51 23.3 3.6 43.6

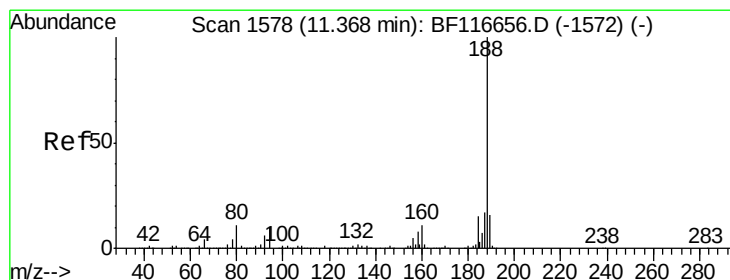
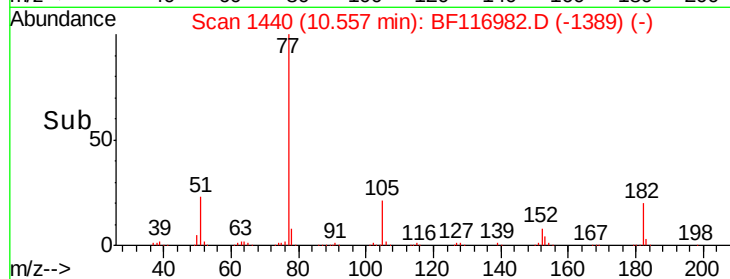
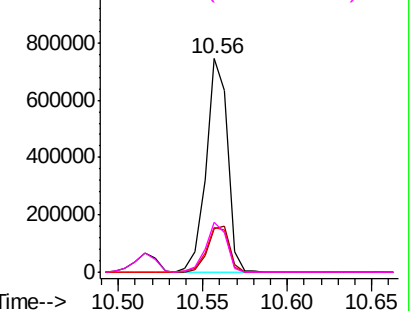


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

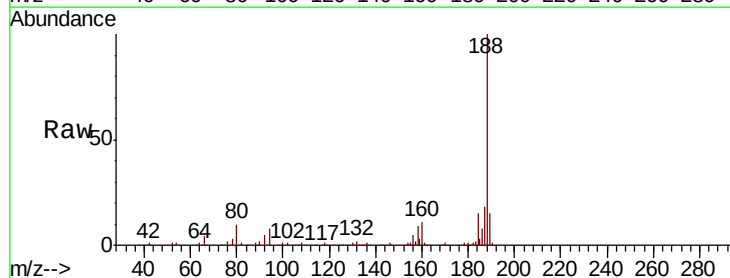
Tgt Ion: 188 Resp: 384059

Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

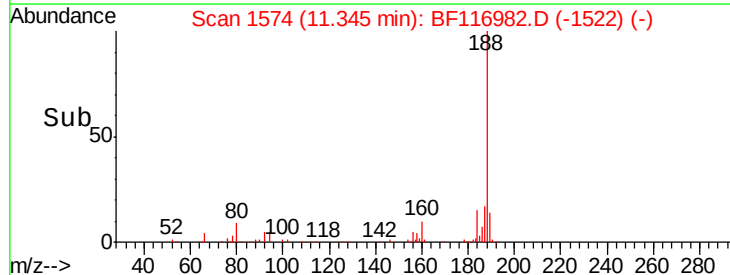
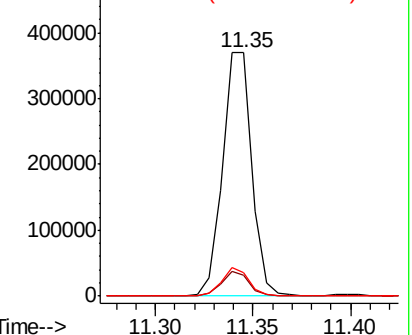
80 9.6 8.5 12.7

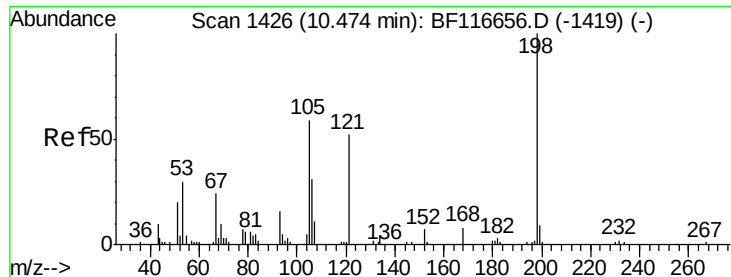


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 49.915 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampled :

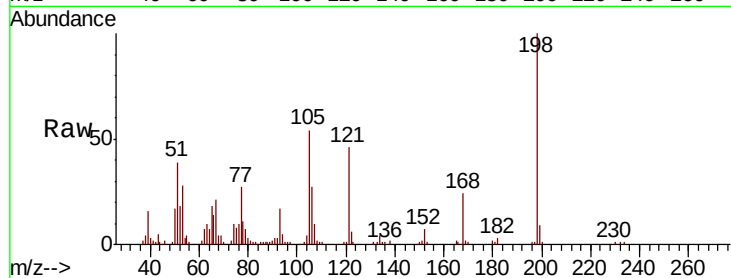
Tot Ion:198 Resp: 71101

Ion Ratio Lower Upper

198 100

51 39.1 26.3 66.3

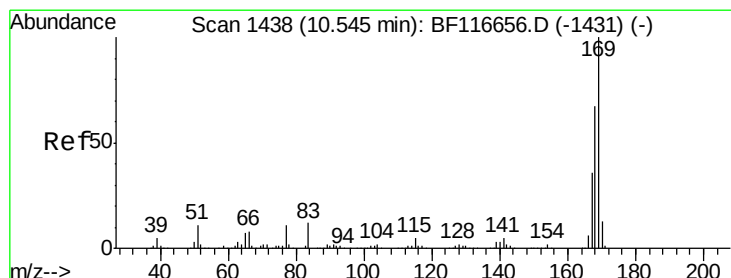
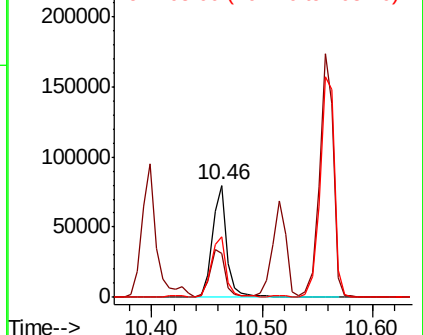
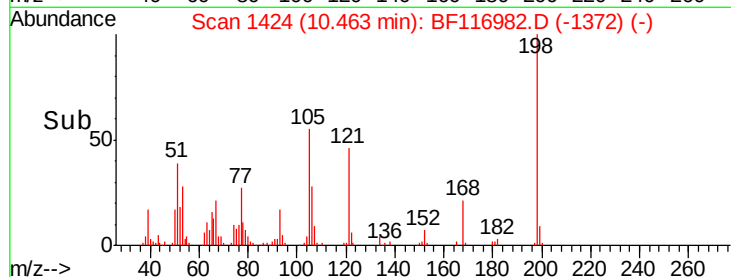
105 54.5 40.0 80.0



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: 38.329 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

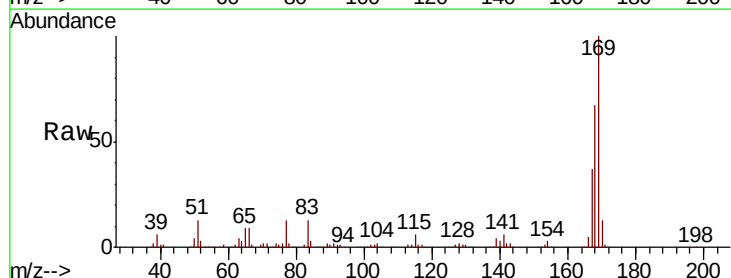
Tgt Ion:169 Resp: 509237

Ion Ratio Lower Upper

169 100

168 66.6 53.5 80.3

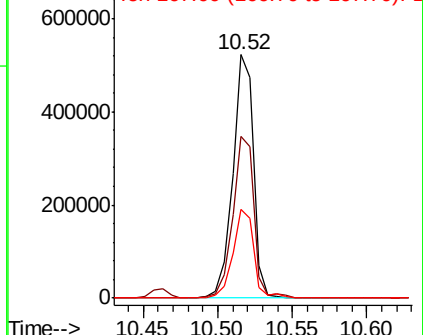
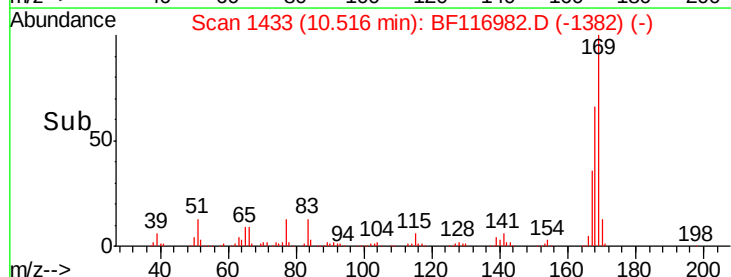
167 36.6 28.7 43.1

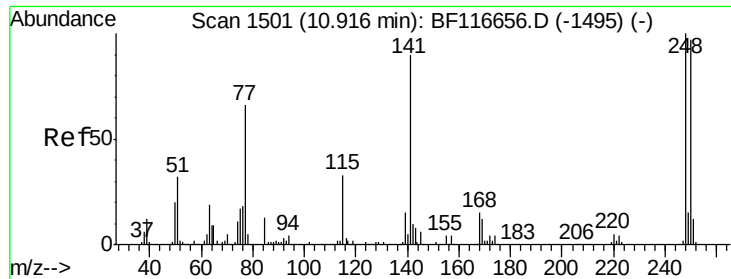


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

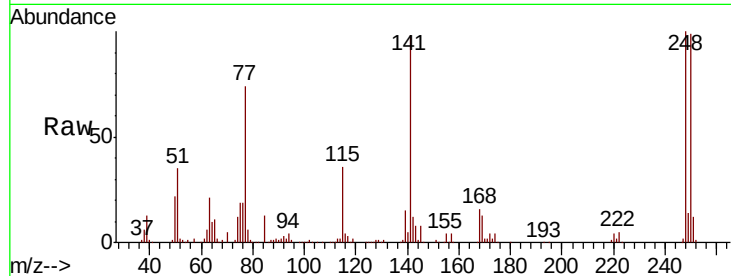




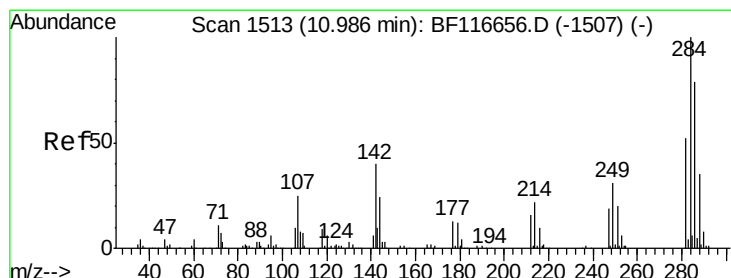
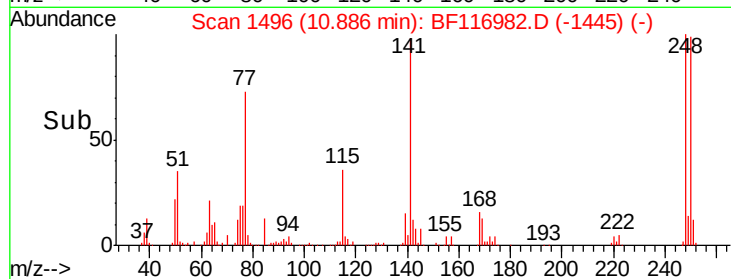
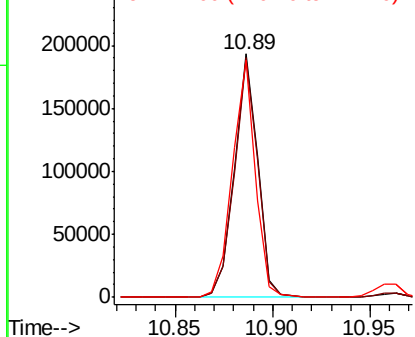
#67
4-Bromophenyl-phenylether
Concen: 41.006 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 159986
Ion Ratio Lower Upper
248 100
250 98.7 77.0 115.4
141 97.6 70.2 105.2

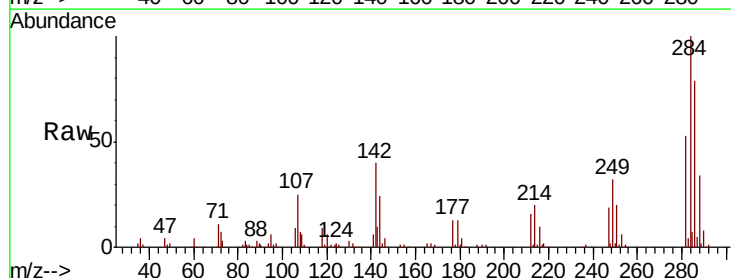


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

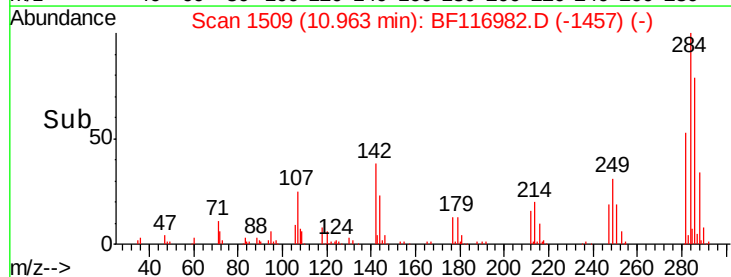
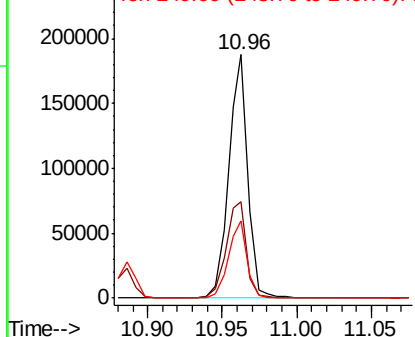


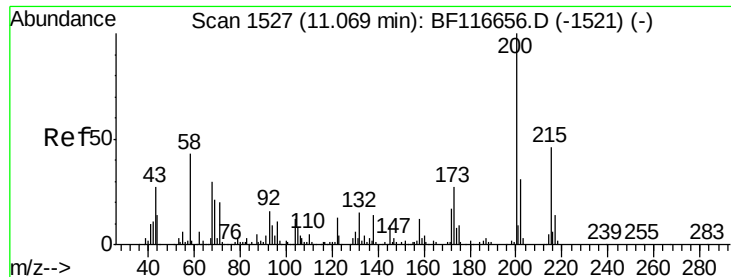
#68
Hexachlorobenzene
Concen: 41.202 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

Tgt Ion:284 Resp: 168189
Ion Ratio Lower Upper
284 100
142 39.8 37.2 55.8
249 31.7 25.9 38.9



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: 38.226 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

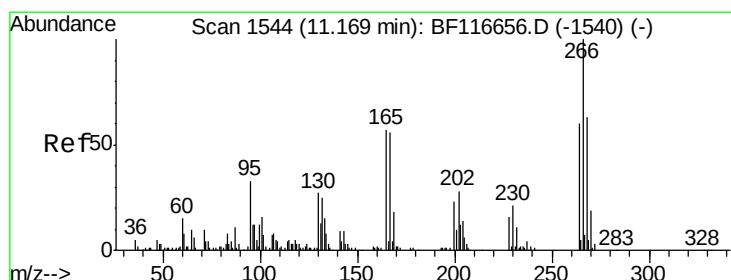
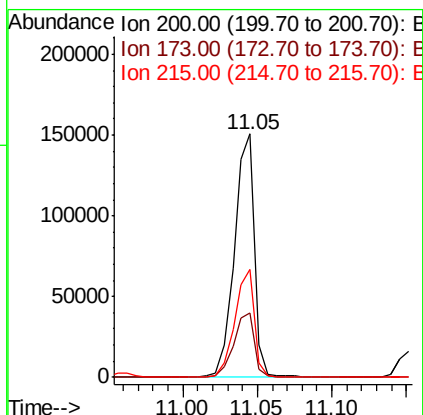
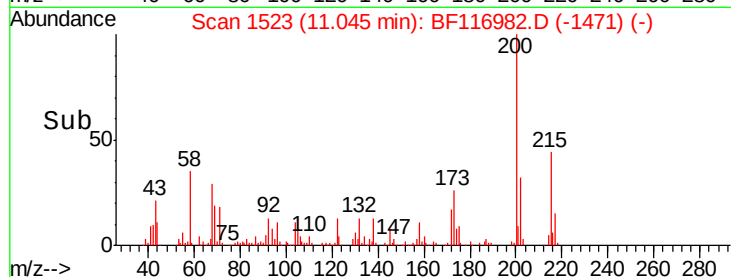
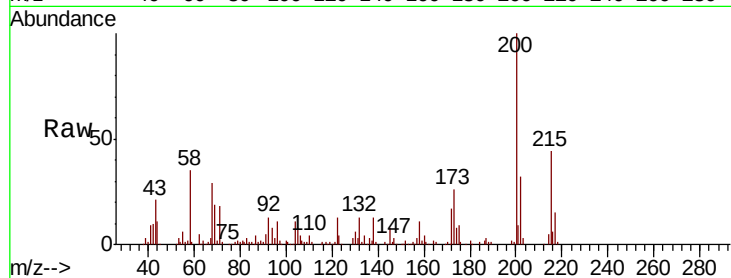
Tot Ion:200 Resp: 142240

Ion Ratio Lower Upper

200 100

173 26.4 7.0 47.0

215 44.4 22.9 62.9



#70

Pentachlorophenol

Concen: 44.273 ng

RT: 11.15 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

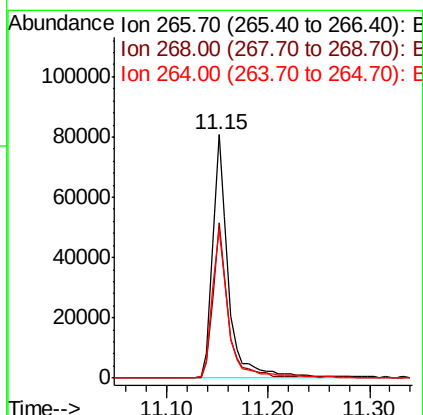
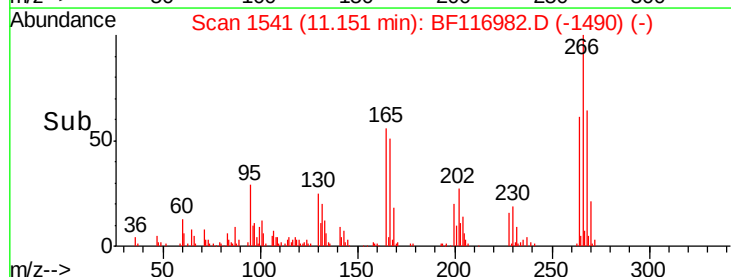
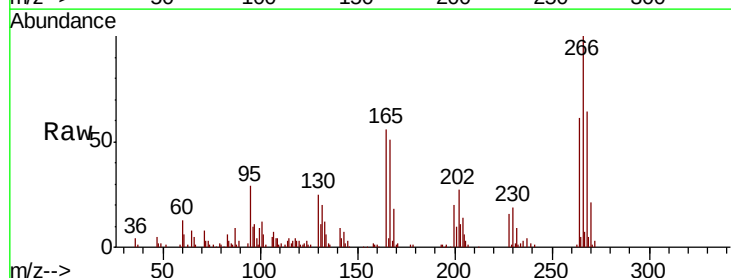
Tgt Ion:266 Resp: 87424

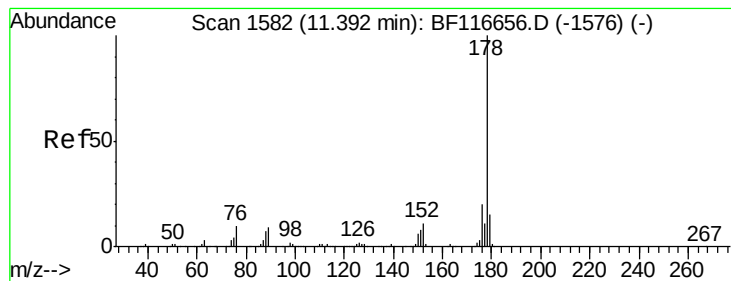
Ion Ratio Lower Upper

266 100

268 63.8 51.4 77.2

264 61.4 52.1 78.1





#71

Phenanthrene

Concen: 37.928 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

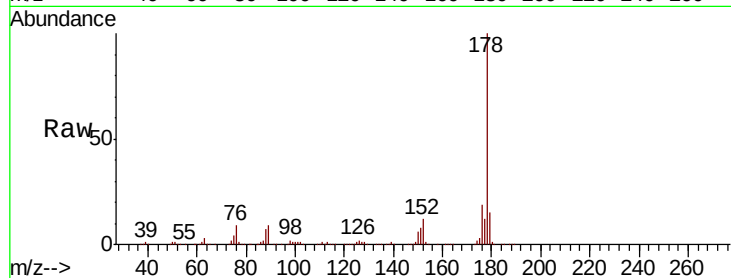
Tot Ion:178 Resp: 810865

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

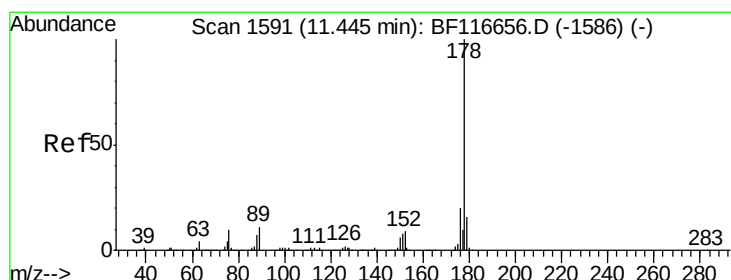
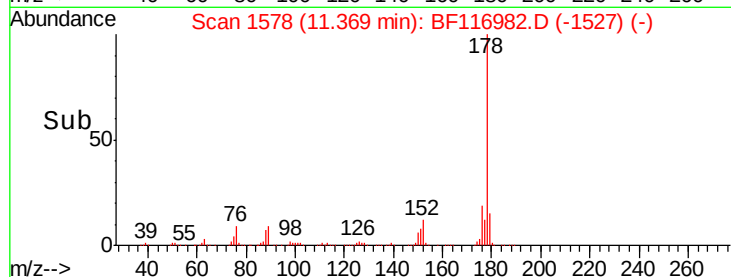
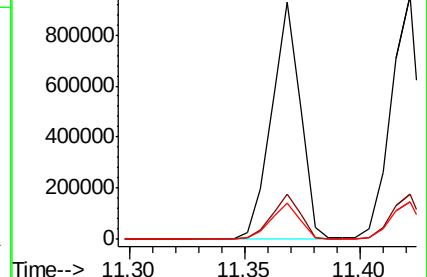
179 15.2 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.955 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

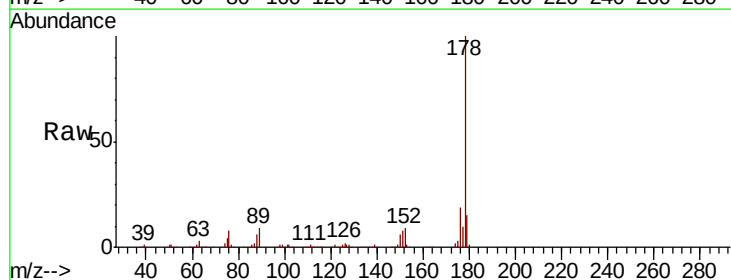
Tgt Ion:178 Resp: 816843

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

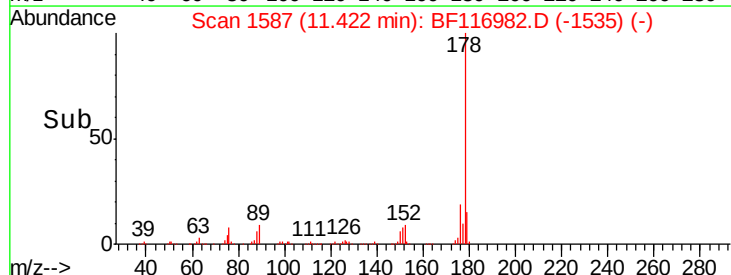
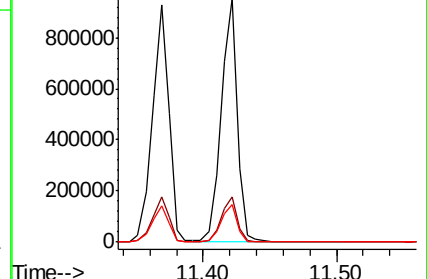
179 15.5 12.3 18.5

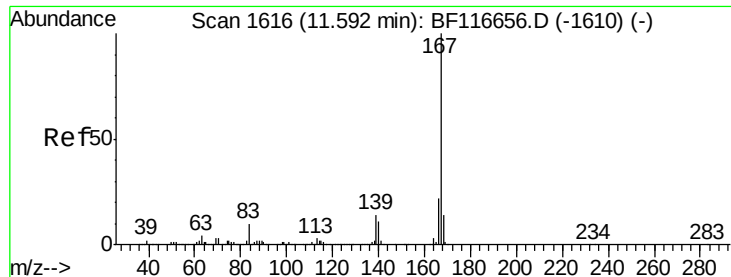


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

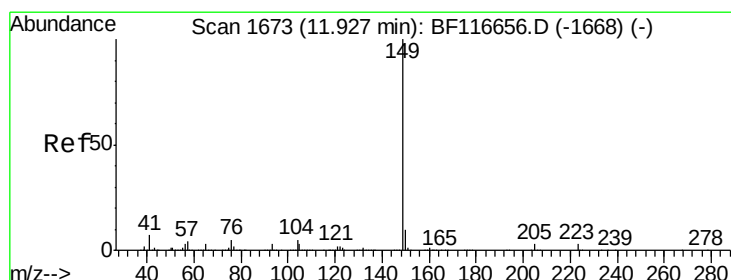
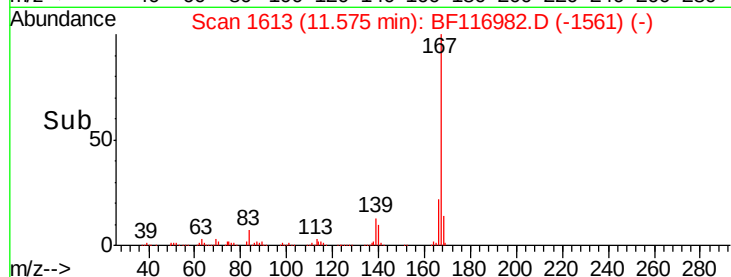
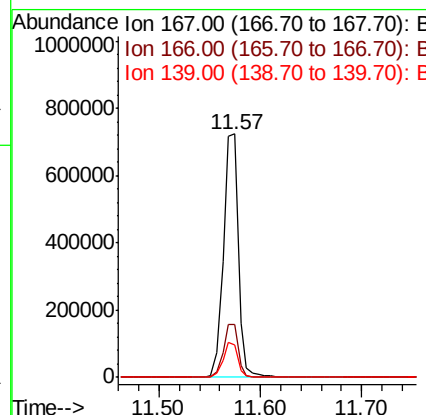
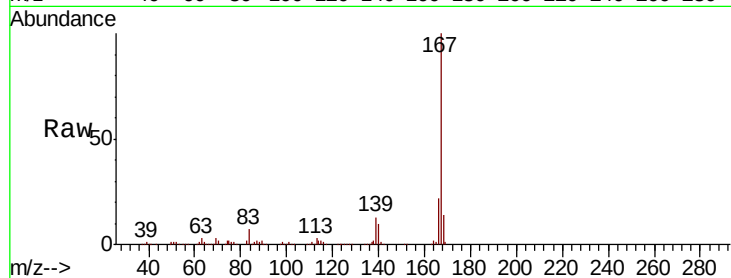




#73
 Carbazole
 Concen: 36.220 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF116982.D
 Acq: 12 Sep 2019 10:12

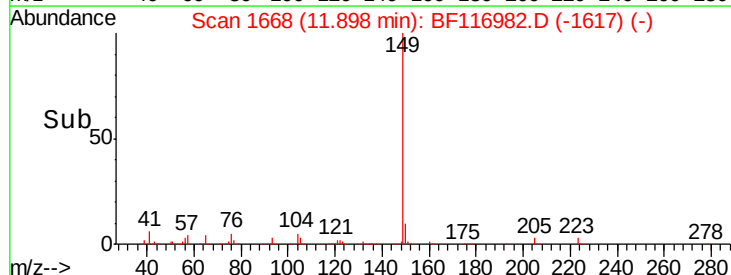
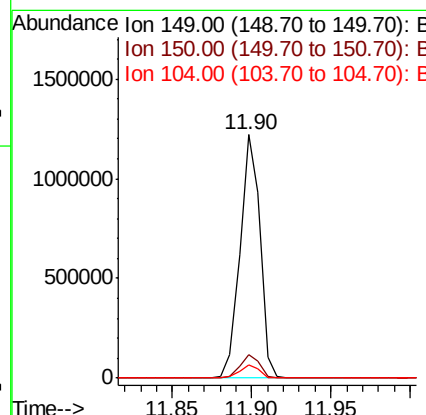
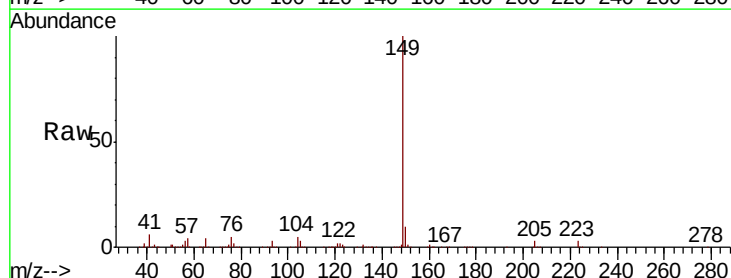
Instrument :
 BNA_F
 ClientSampleId :

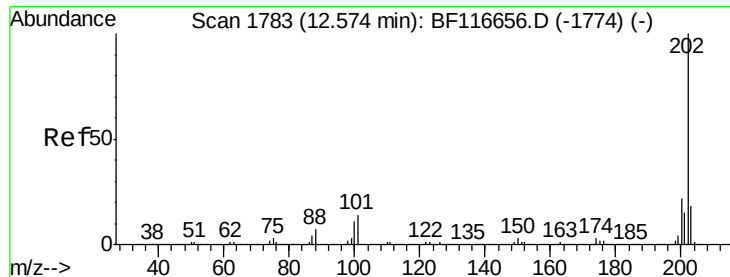
Tot Ion:167 Resp: 742511
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 13.4 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 40.656 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BF116982.D
 Acq: 12 Sep 2019 10:12

Tgt Ion:149 Resp: 1068476
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.4 11.0
 104 5.4 4.3 6.5

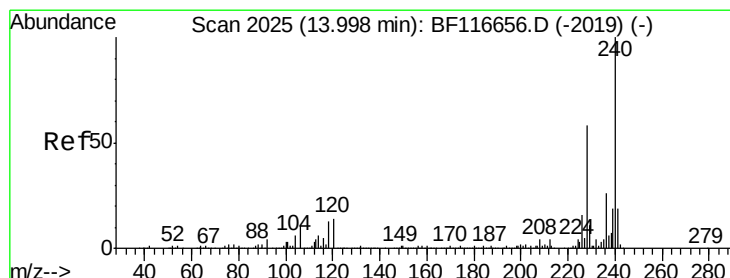
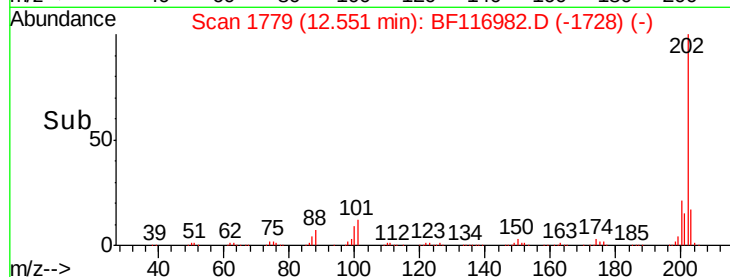
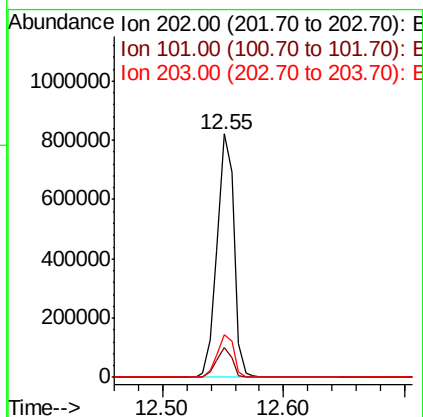
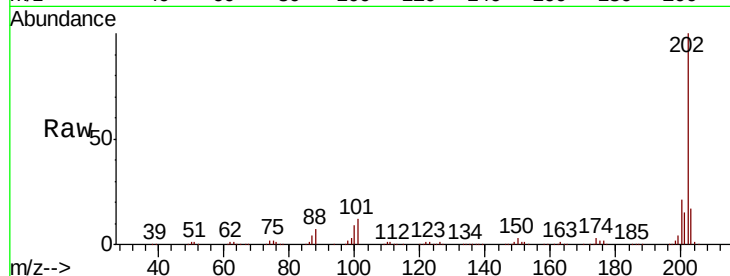




#75
Fluoranthene
Concen: 37.473 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

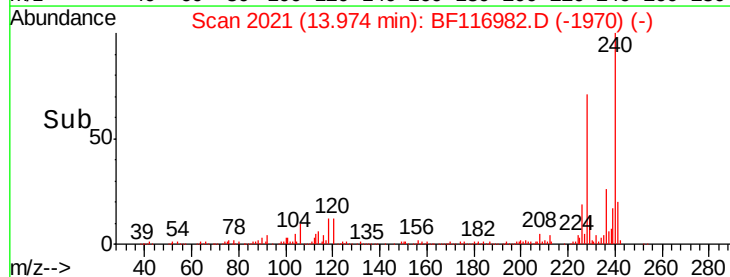
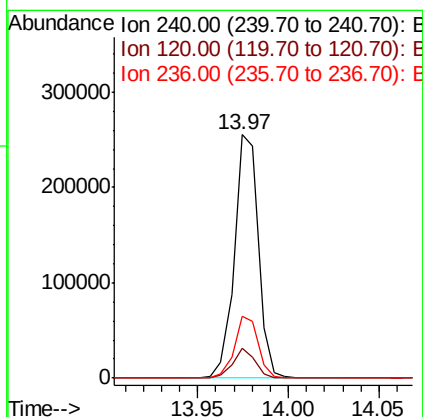
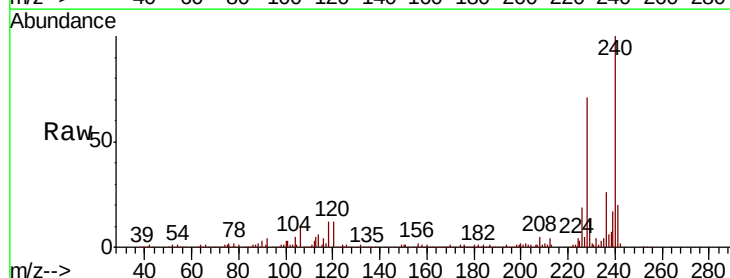
Instrument :
BNA_F
ClientSampled :

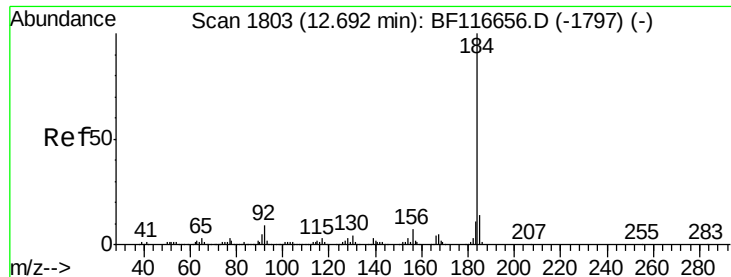
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.0
203	17.4	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.1	13.7
236	25.6	20.9	31.3





#77

Benzidine

Concen: 34.629 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

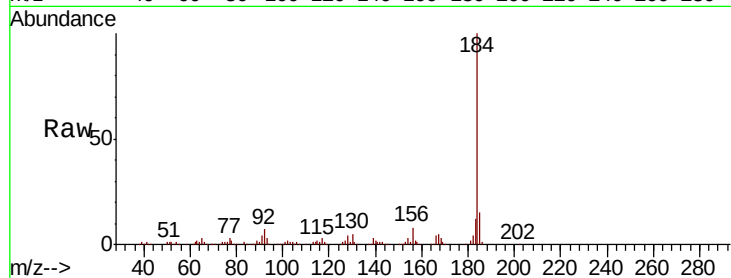
Tot Ion:184 Resp: 319917

Ion Ratio Lower Upper

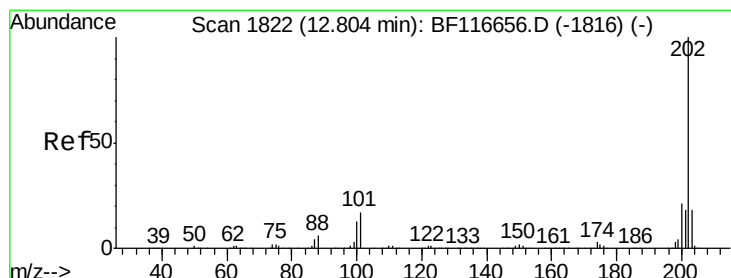
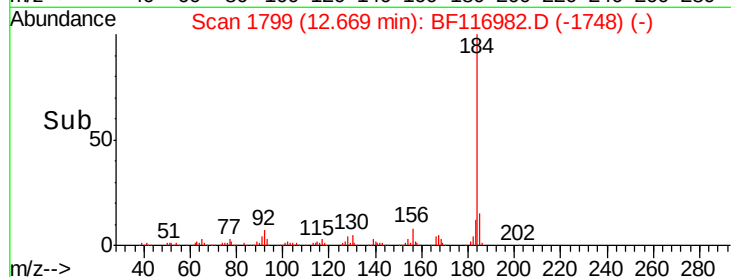
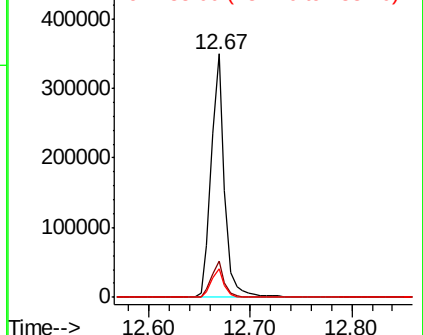
184 100

185 15.1 12.0 18.0

183 11.9 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.557 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

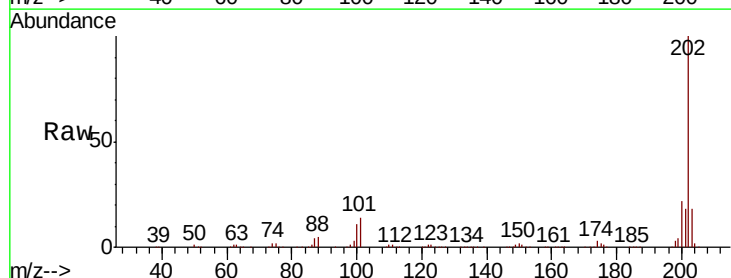
Tgt Ion:202 Resp: 786348

Ion Ratio Lower Upper

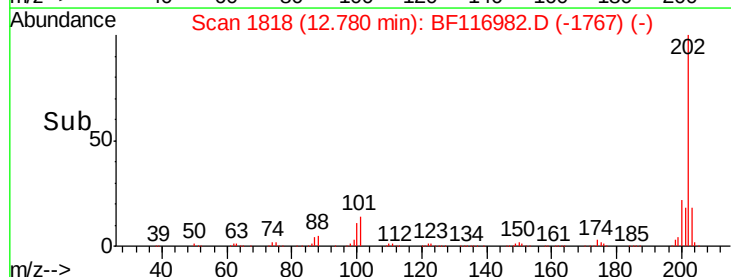
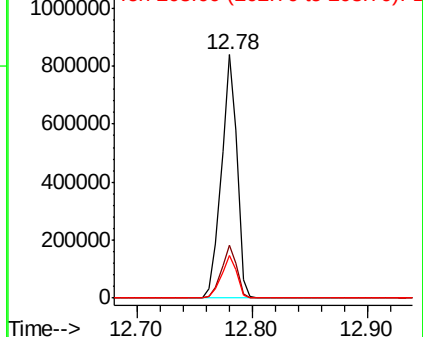
202 100

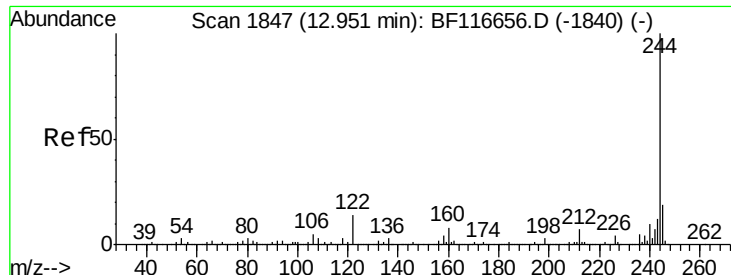
200 21.6 17.2 25.8

203 17.5 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

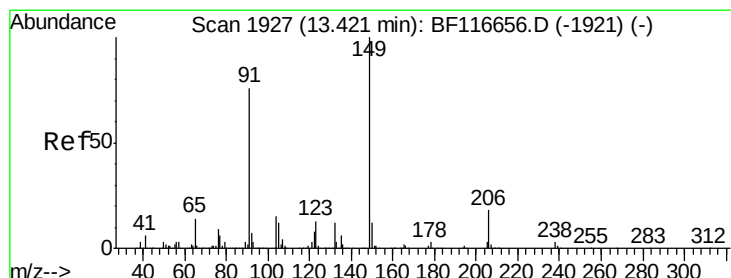
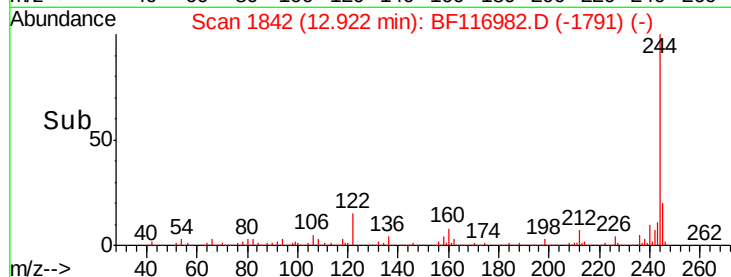
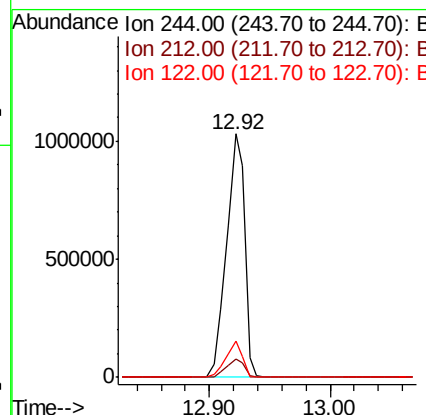
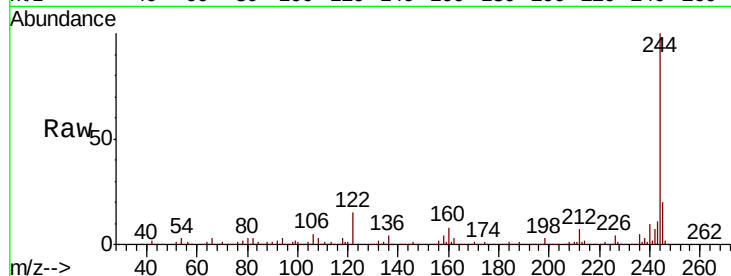




#79
 Terphenyl-d14
 Concen: 83.722 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF116982.D
 Acq: 12 Sep 2019 10:12

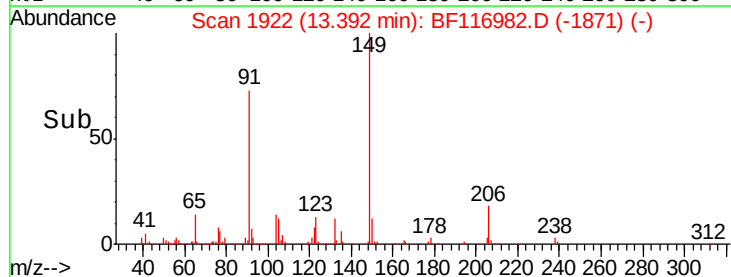
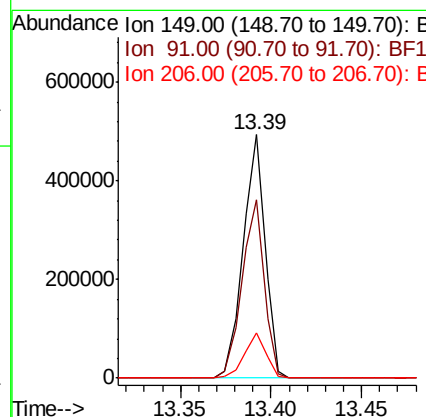
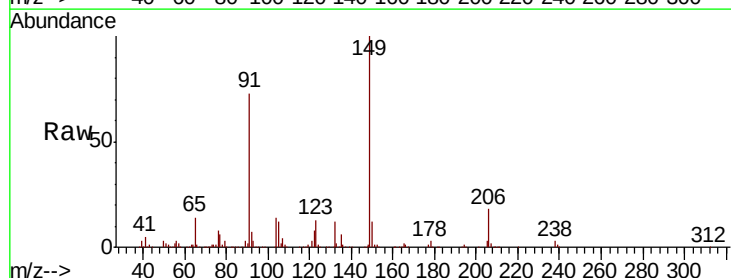
Instrument :
 BNA_F
 ClientSampleId :

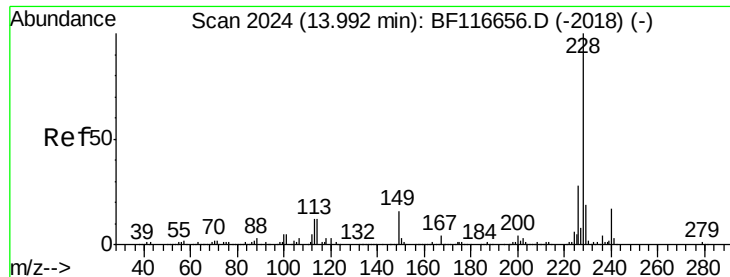
Tot Ion:244 Resp: 1065957
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 14.6 11.5 17.3



#80
 Butylbenzylphthalate
 Concen: 41.038 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: BF116982.D
 Acq: 12 Sep 2019 10:12

Tgt Ion:149 Resp: 417846
 Ion Ratio Lower Upper
 149 100
 91 73.0 55.8 83.8
 206 18.4 15.0 22.6





#81

Benzo(a)anthracene

Concen: 39.071 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

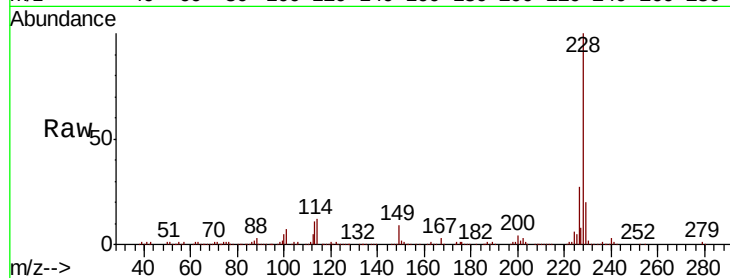
Tot Ion:228 Resp: 582437

Ion Ratio Lower Upper

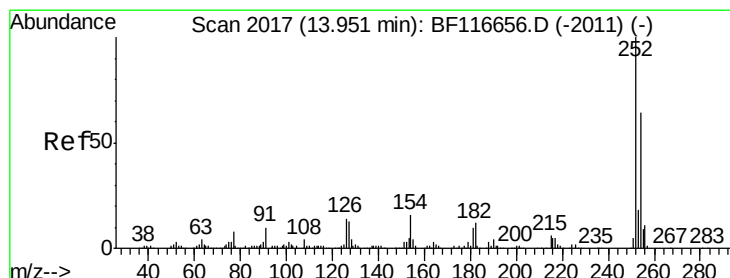
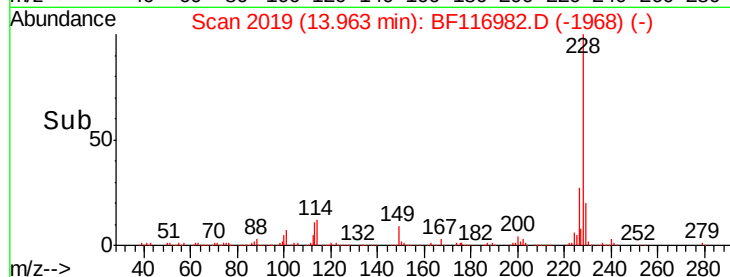
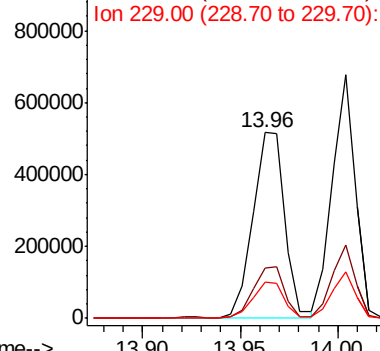
228 100

226 27.2 22.3 33.5

229 19.7 15.8 23.8



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: 37.378 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

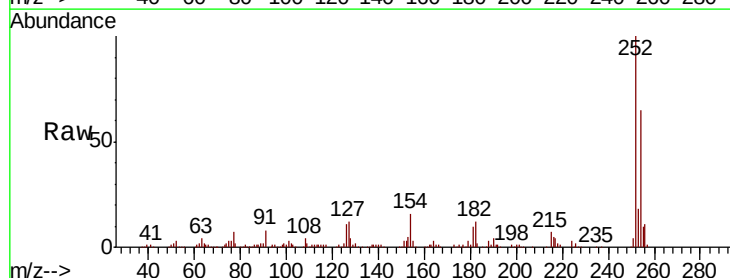
Tgt Ion:252 Resp: 188299

Ion Ratio Lower Upper

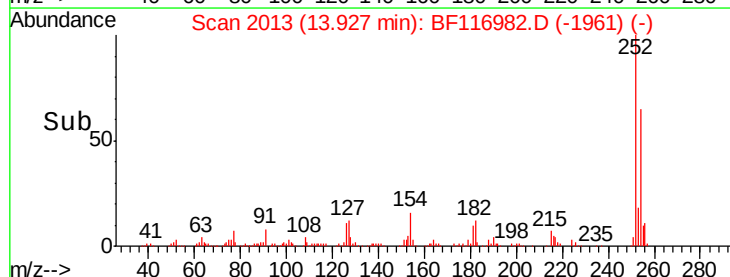
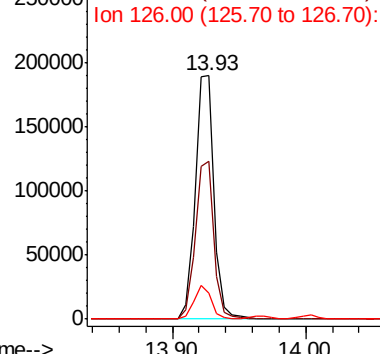
252 100

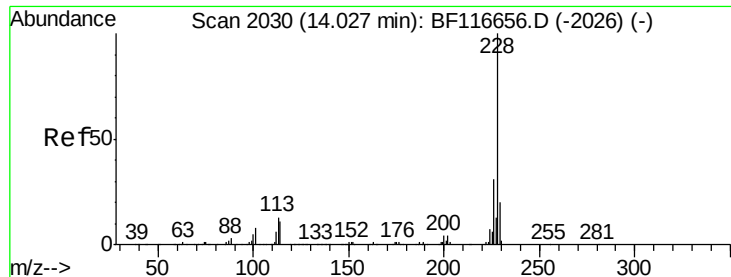
254 65.1 51.8 77.8

126 10.9 10.9 16.3#



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: 36.631 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

Instrument :

BNA_F

ClientSampleId :

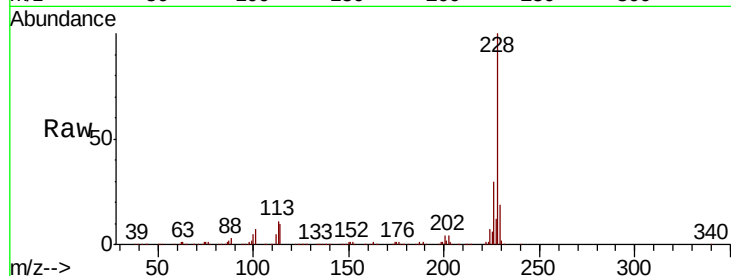
Tot Ion:228 Resp: 562568

Ion Ratio Lower Upper

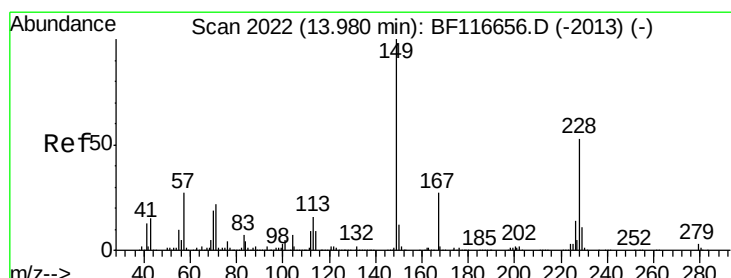
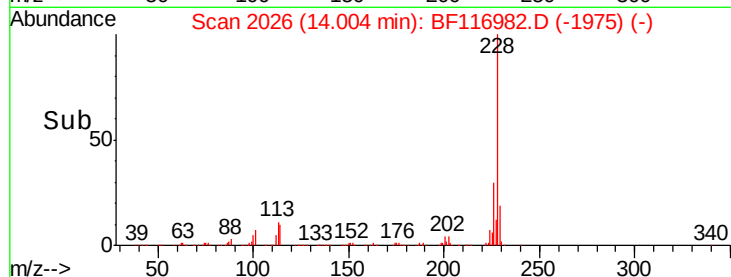
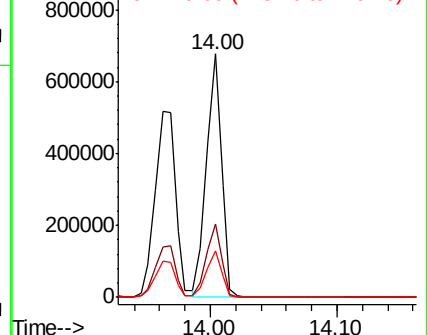
228 100

226 30.1 24.5 36.7

229 19.1 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.611 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF116982.D

Acq: 12 Sep 2019 10:12

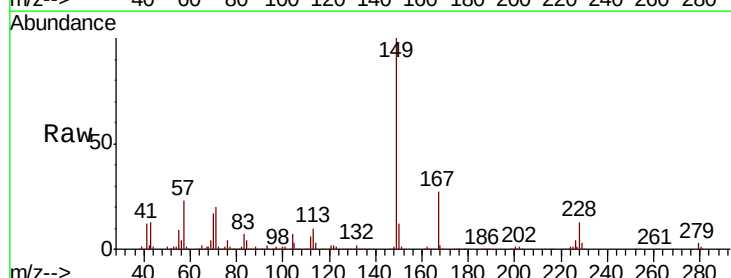
Tgt Ion:149 Resp: 573269

Ion Ratio Lower Upper

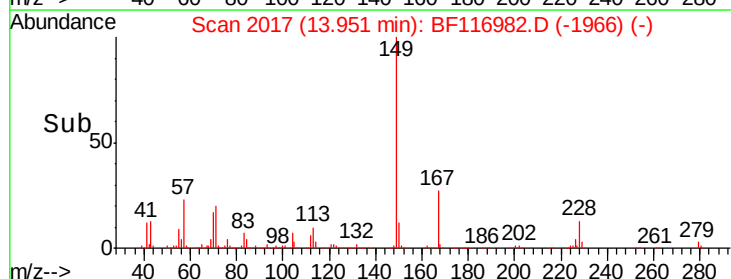
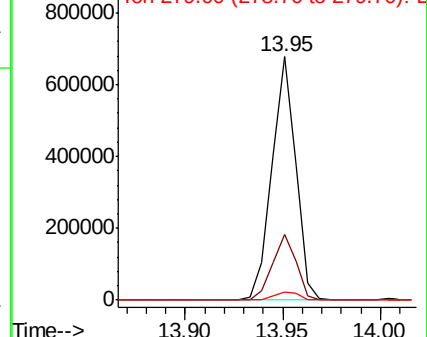
149 100

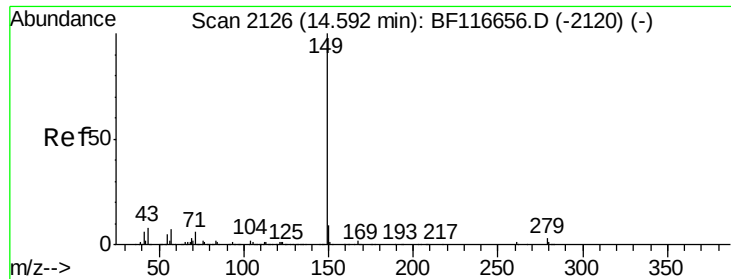
167 27.0 21.3 31.9

279 3.4 2.6 3.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

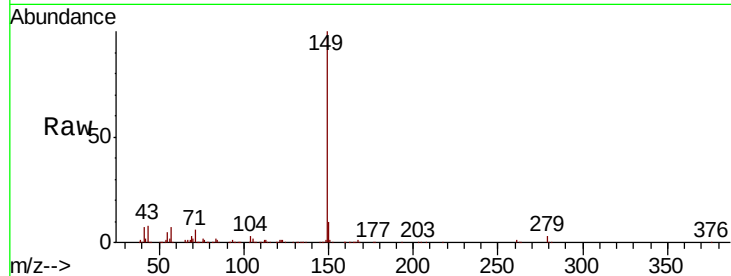




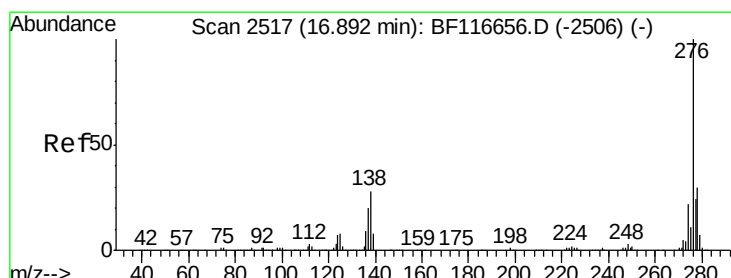
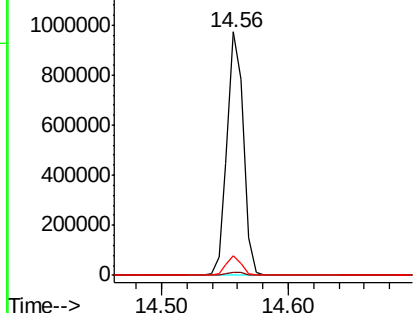
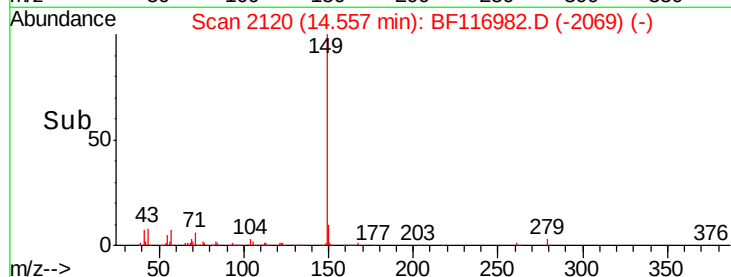
#85
Di-n-octyl phthalate
Concen: 42.056 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 865032
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.9 6.2 9.4

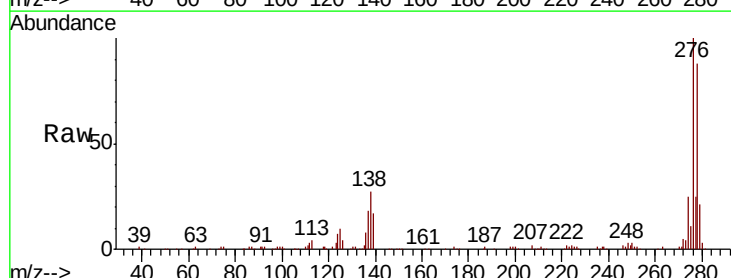


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

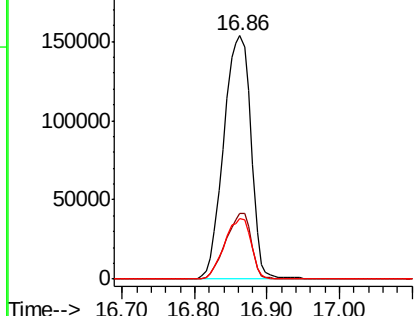
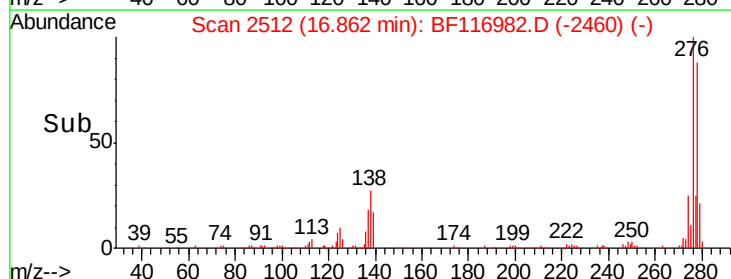


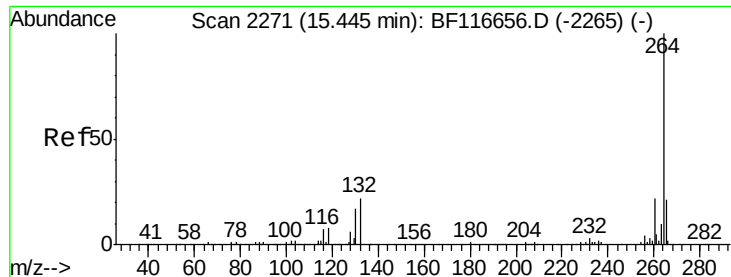
#86
Indeno(1,2,3-cd)pyrene
Concen: 32.602 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.01 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

Tgt Ion:276 Resp: 402177
Ion Ratio Lower Upper
276 100
138 25.5 20.6 31.0
277 24.5 19.9 29.9



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

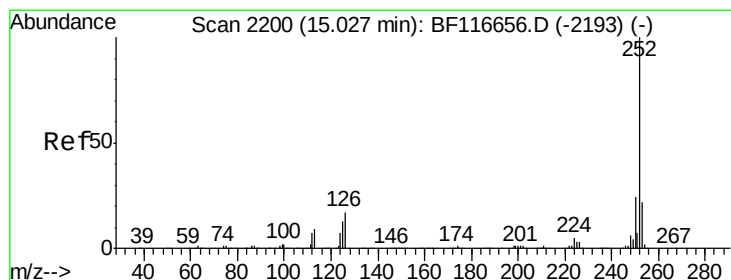
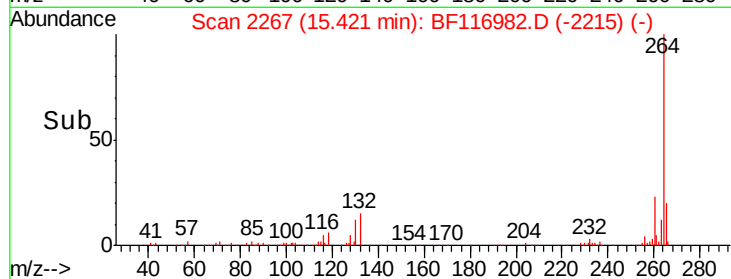
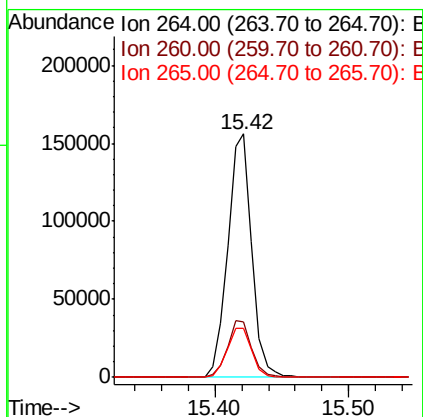
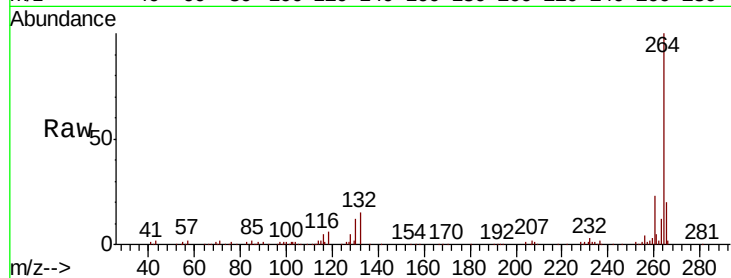




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

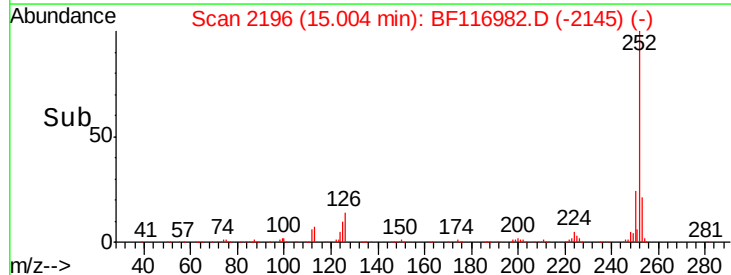
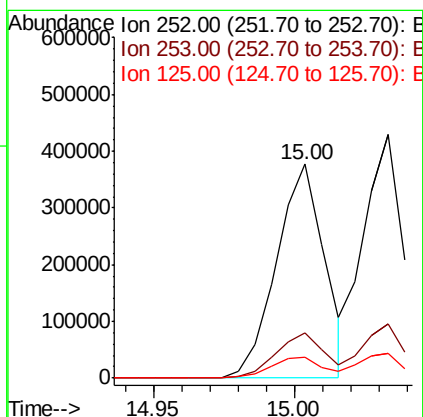
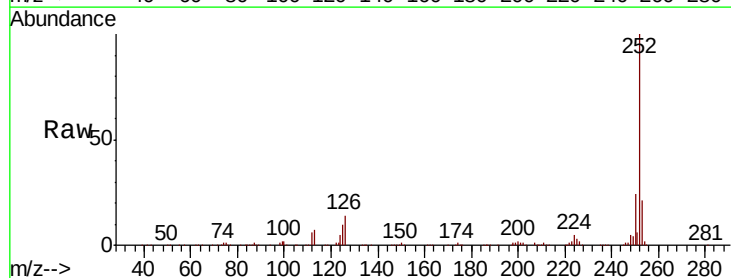
Instrument :
BNA_F
ClientSampled :

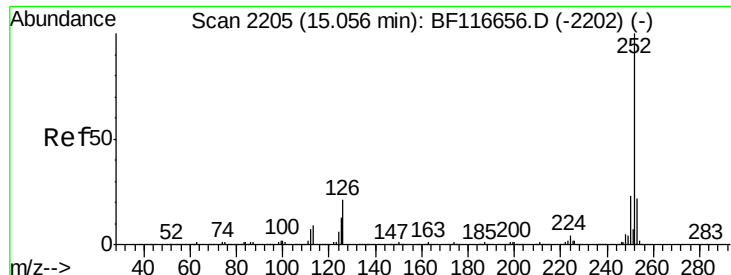
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.4
265	20.2	17.9	26.9



#88
Benzo(b)fluoranthene
Concen: 37.419 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	10.0	8.3	12.5

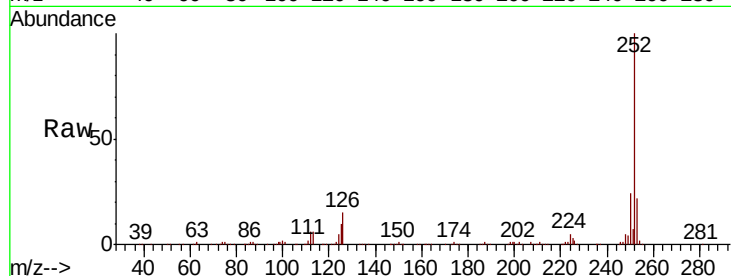




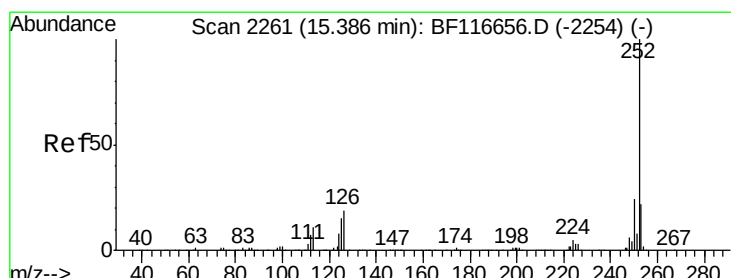
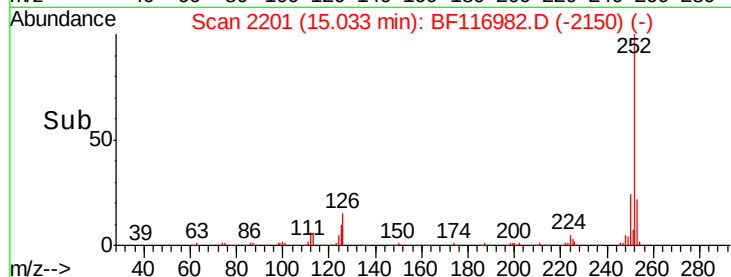
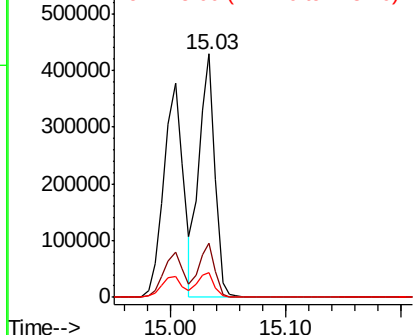
#89
Benzo(k)fluoranthene
Concen: 38.512 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 418024
Ion Ratio Lower Upper
252 100
253 22.0 16.8 25.2
125 10.3 7.6 11.4

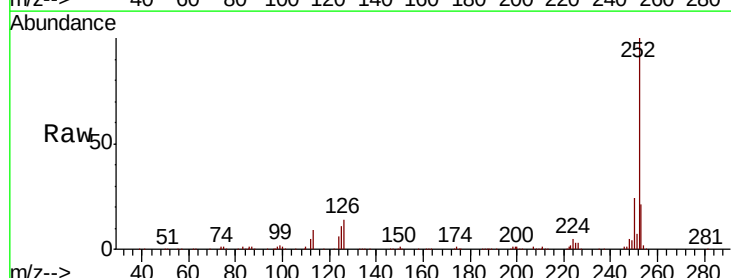


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

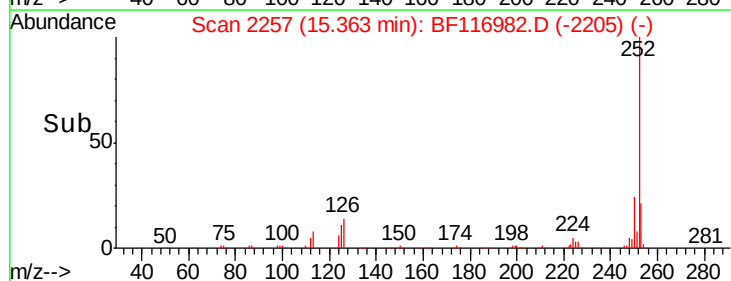
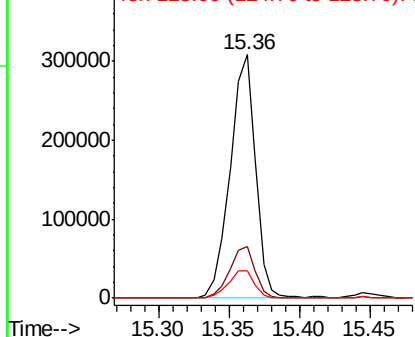


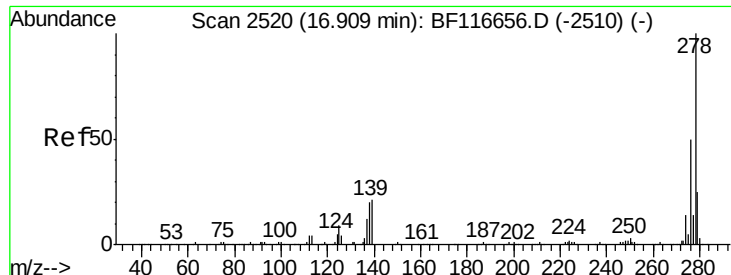
#90
Benzo(a)pyrene
Concen: 37.319 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.01 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

Tgt Ion:252 Resp: 386518
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 11.0 10.2 15.2



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

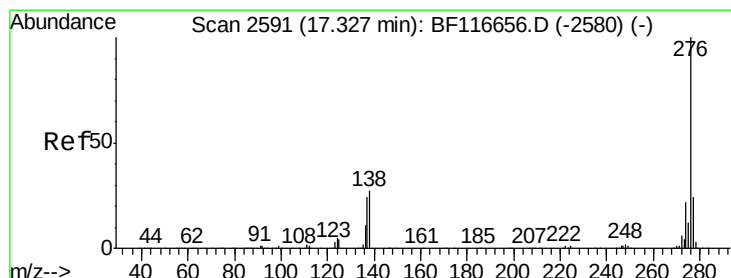
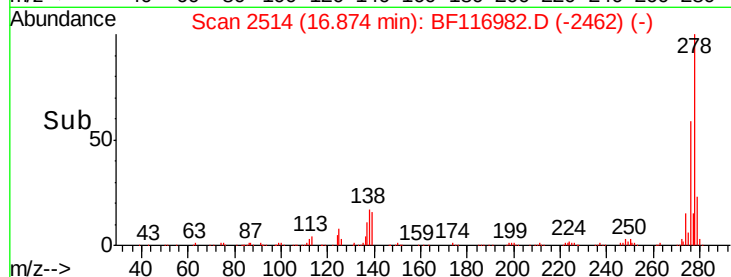
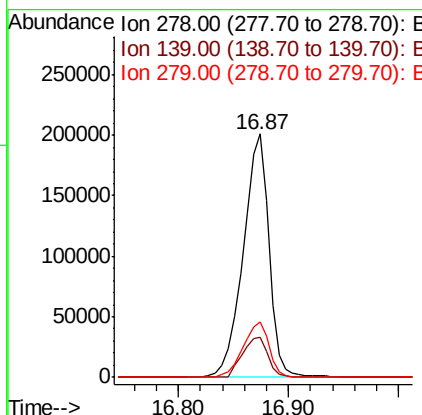
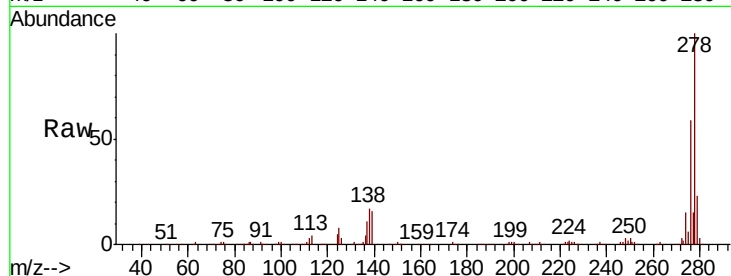




#91
Dibenzo(a,h)anthracene
Concen: 36.589 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	22.6	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 33.863 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF116982.D
Acq: 12 Sep 2019 10:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.0	28.6
138	20.7	18.7	28.1

