

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
 Data File : BF116961.D
 Acq On : 11 Sep 2019 22:01
 Operator : HP/JU
 Sample : K4738-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 12 07:06:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	62556	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	255617	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	134540	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	233423	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	186067	20.00	ng	-0.01
87) Perylene-d12	15.42	264	191060	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	386318	100.05	ng	-0.01
7) Phenol-d6	6.46	99	530950	104.72	ng	-0.02
23) Nitrobenzene-d5	7.38	82	317846	70.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	115690	128.63	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	550046	68.97	ng	-0.02
79) Terphenyl-d14	12.92	244	602407	59.89	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.55	88	63269	35.495	ng	97
3) Pyridine	3.29	79	158193	30.652	ng	91
4) n-Nitrosodimethylamine	3.22	42	64682	36.497	ng	84
6) Aniline	6.48	93	190837	27.174	ng	96
8) 2-Chlorophenol	6.61	128	194211	46.074	ng	99
9) Benzaldehyde	6.37	77	120673	36.125	ng	97
10) Phenol	6.47	94	263312	46.898	ng	98
11) bis(2-Chloroethyl)ether	6.56	93	177801	40.671	ng	100
12) 1,3-Dichlorobenzene	6.76	146	197404	41.436	ng	98
13) 1,4-Dichlorobenzene	6.84	146	205170	43.258	ng	99
14) 1,2-Dichlorobenzene	6.99	146	193105	43.933	ng	94
15) Benzyl Alcohol	6.96	79	179495	43.611	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	173714	33.868	ng	88
17) 2-Methylphenol	7.07	107	156830	42.501	ng	96
18) Hexachloroethane	7.34	117	78248	42.463	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	139274	41.718	ng	93
20) 3+4-Methylphenols	7.23	107	204184	47.591	ng	# 71
22) Acetophenone	7.23	105	281234	45.699	ng	96
24) Nitrobenzene	7.40	77	216370	47.512	ng	94
25) Isophorone	7.64	82	387937	42.756	ng	98
26) 2-Nitrophenol	7.72	139	97381	57.517	ng	93
27) 2,4-Dimethylphenol	7.76	122	167924	49.110	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	232494	41.931	ng	98
29) 2,4-Dichlorophenol	7.96	162	157283	47.864	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	156521	43.915	ng	96
31) Naphthalene	8.13	128	552979	45.495	ng	99
32) Benzoic acid	7.85	122	53990	27.964	ng	96
33) 4-Chloroaniline	8.17	127	76941	13.906	ng	99
34) Hexachlorobutadiene	8.25	225	86066	44.287	ng	98
35) Caprolactam	8.53	113	28245	22.967	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	187960	49.767	ng	100
37) 2-Methylnaphthalene	8.82	142	379033	46.868	ng	98
38) 1-Methylnaphthalene	8.92	142	348871	45.698	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	146319	45.368	ng	98

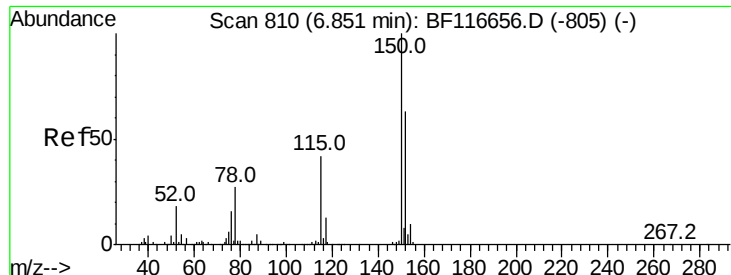
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	143863	77.245	ng	97
43) 2,4,6-Trichlorophenol	9.09	196	104038	47.058	ng	98
44) 2,4,5-Trichlorophenol	9.13	196	114239	49.772	ng	# 92
46) 1,1'-Biphenyl	9.28	154	453820	44.453	ng	99
47) 2-Chloronaphthalene	9.30	162	357180	44.173	ng	99
48) 2-Nitroaniline	9.40	65	117313	50.184	ng	100
49) Acenaphthylene	9.72	152	568082	46.477	ng	99
50) Dimethylphthalate	9.58	163	513179	55.248	ng	98
51) 2,6-Dinitrotoluene	9.64	165	93798	52.927	ng	92
52) Acenaphthene	9.89	154	334723	44.569	ng	99
53) 3-Nitroaniline	9.80	138	70629	31.802	ng	93
54) 2,4-Dinitrophenol	9.92	184	46017	73.950	ng	96
55) Dibenzofuran	10.06	168	502441	47.457	ng	98
56) 4-Nitrophenol	9.97	139	157164	103.205	ng	91
57) 2,4-Dinitrotoluene	10.05	165	127470	58.824	ng	95
58) Fluorene	10.40	166	403046	49.962	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	84770	51.174	ng	92
60) Diethylphthalate	10.27	149	436085	46.869	ng	97
61) 4-Chlorophenyl-phenylether	10.39	204	172963	48.963	ng	94
62) 4-Nitroaniline	10.42	138	116419	54.015	ng	98
63) Azobenzene	10.56	77	448705	46.249	ng	92
65) 4,6-Dinitro-2-methylphenol	10.45	198	41568	48.298	ng	83
66) n-Nitrosodiphenylamine	10.51	169	358040	44.340	ng	96
67) 4-Bromophenyl-phenylether	10.88	248	104183	43.936	ng	96
68) Hexachlorobenzene	10.96	284	107622	43.379	ng	97
69) Atrazine	11.04	200	104391	46.159	ng	98
70) Pentachlorophenol	11.15	266	102918	85.754	ng	96
71) Phenanthrene	11.36	178	600892	46.244	ng	100
72) Anthracene	11.42	178	619755	47.382	ng	100
73) Carbazole	11.57	167	596298	47.859	ng	100
74) Di-n-butylphthalate	11.90	149	738658	46.244	ng	100
75) Fluoranthene	12.55	202	640000	50.119	ng	98
77) Benzidine	12.66	184	263384	36.090	ng	99
78) Pyrene	12.78	202	653468	39.508	ng	99
80) Butylbenzylphthalate	13.39	149	325040	40.410	ng	93
81) Benzo(a)anthracene	13.96	228	543859	46.183	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	109127	27.421	ng	97
83) Chrysene	14.00	228	538091	44.352	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	446458	44.965	ng	98
85) Di-n-octyl phthalate	14.56	149	769569	47.363	ng	# 94
86) Indeno(1,2,3-cd)pyrene	16.86	276	484135	49.681	ng	98
88) Benzo(b)fluoranthene	15.00	252	535599	46.367	ng	98
89) Benzo(k)fluoranthene	15.03	252	439503	41.730	ng	99
90) Benzo(a)pyrene	15.36	252	467469	46.516	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	398683	45.323	ng	97
92) Benzo(g,h,i)perylene	17.29	276	410856	45.796	ng	95

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

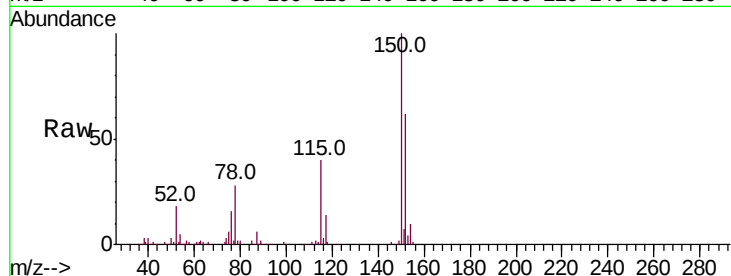


#1

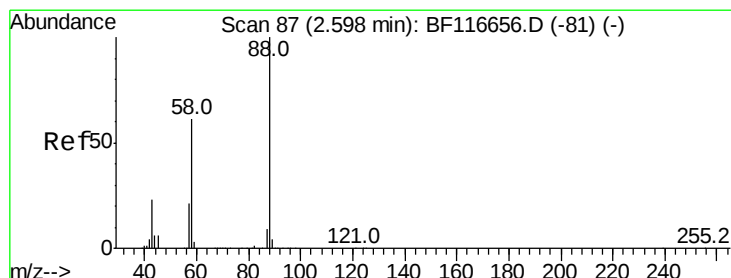
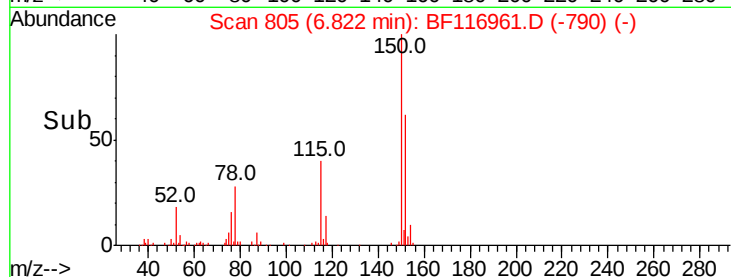
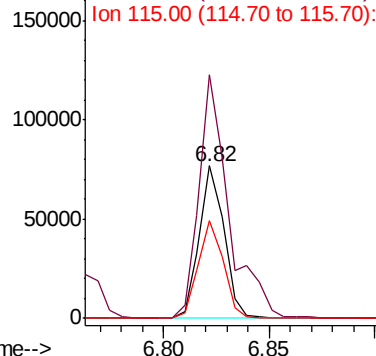
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.4	186.6
115	64.2	49.9	74.9



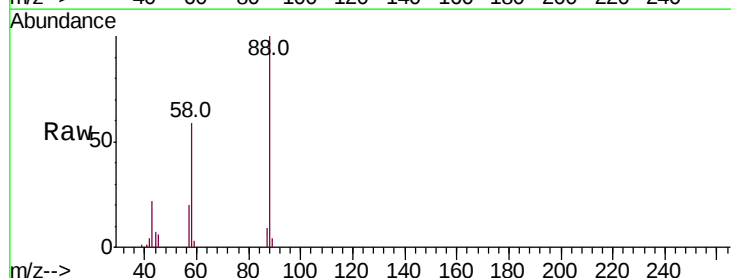
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



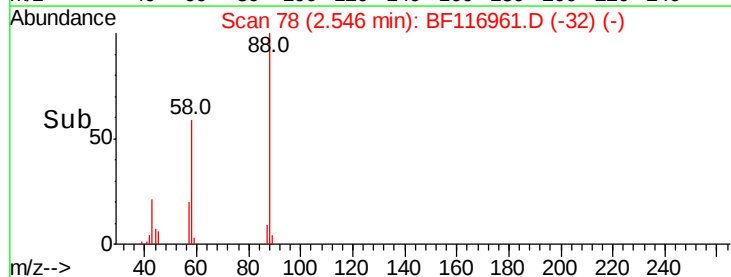
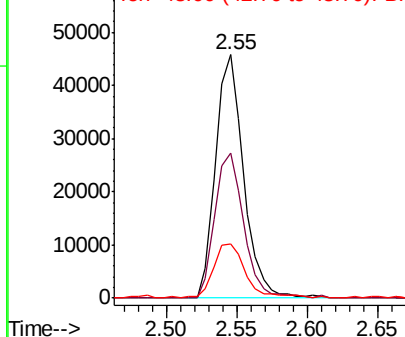
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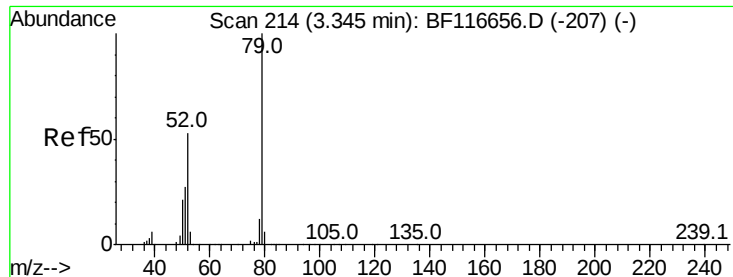
1,4-Dioxane
Concen: 35.495 ng
RT: 2.55 min Scan# 78
Delta R.T. -0.03 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.6	51.7	77.5
43	25.9	19.8	29.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.652 ng

RT: 3.29 min Scan# 205

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

ClientSampleId :

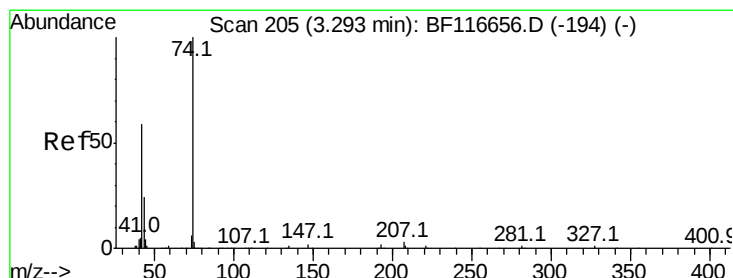
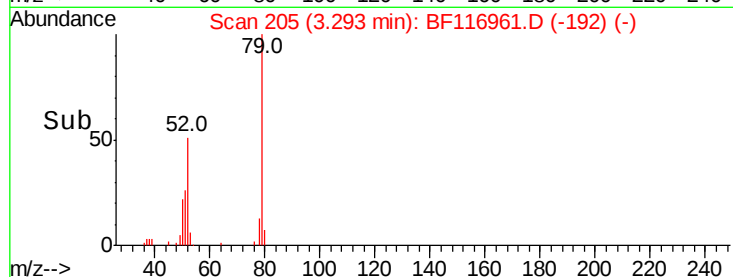
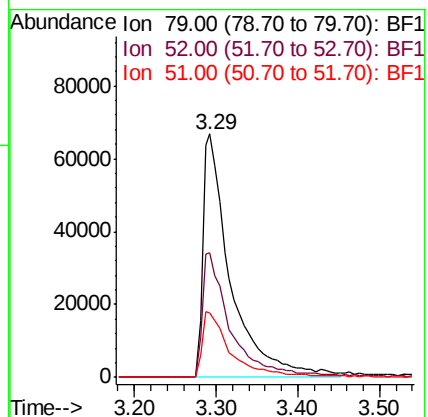
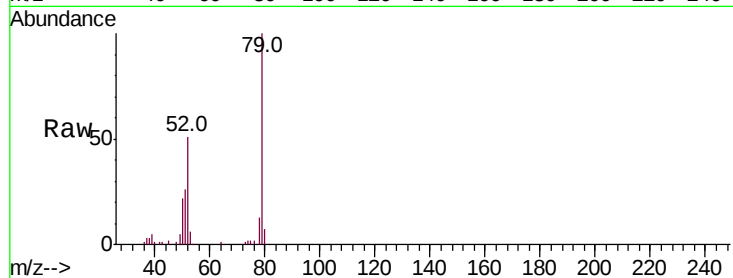
Tot Ion: 79 Resp: 158193

Ion Ratio Lower Upper

79 100

52 51.3 47.4 71.0

51 26.4 24.1 36.1



#4

n-Nitrosodimethylamine

Concen: 36.497 ng

RT: 3.22 min Scan# 193

Delta R.T. -0.04 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

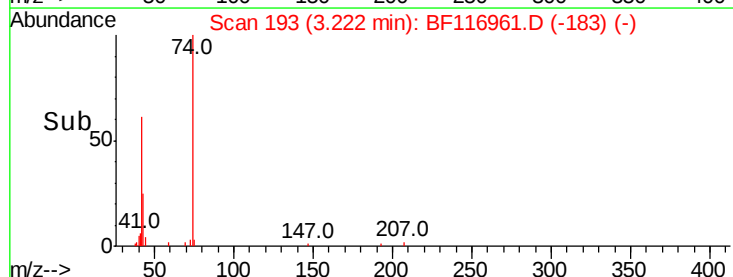
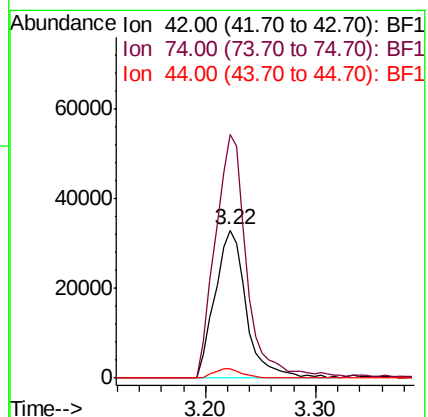
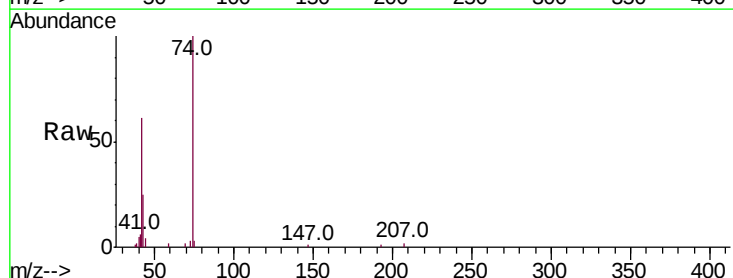
Tgt Ion: 42 Resp: 64682

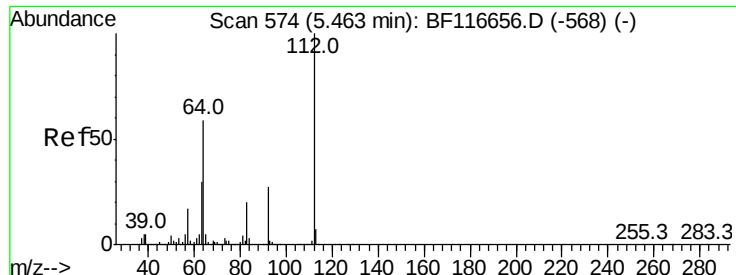
Ion Ratio Lower Upper

42 100

74 164.6 115.6 173.4

44 6.1 4.6 7.0





#5

2-Fluorophenol

Concen: 100.048 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

ClientSampleId :

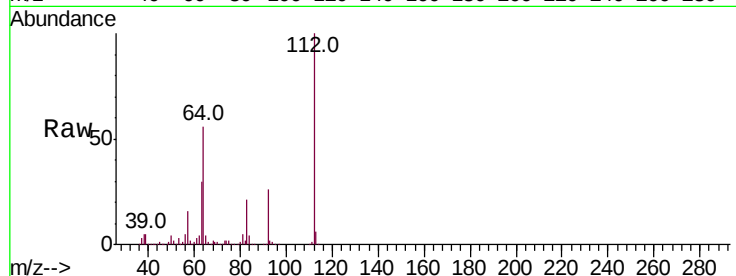
Tot Ion:112 Resp: 386318

Ion Ratio Lower Upper

112 100

64 55.7 47.1 70.7

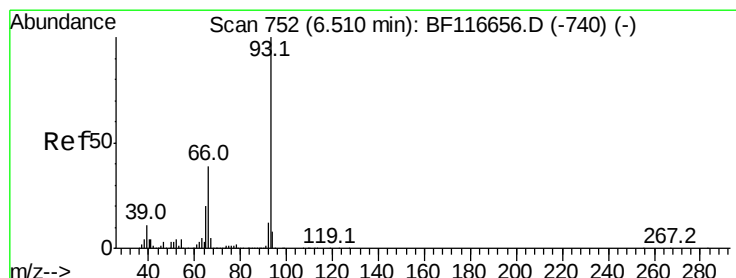
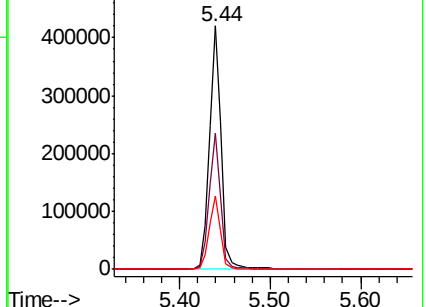
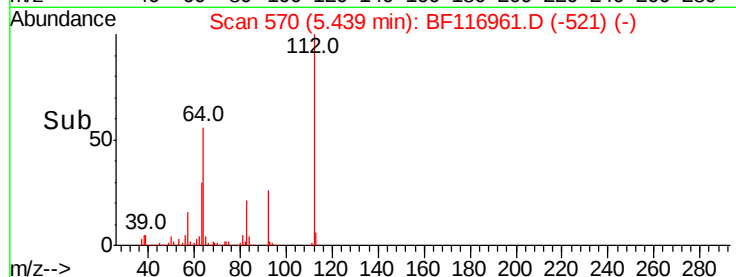
63 29.9 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.174 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

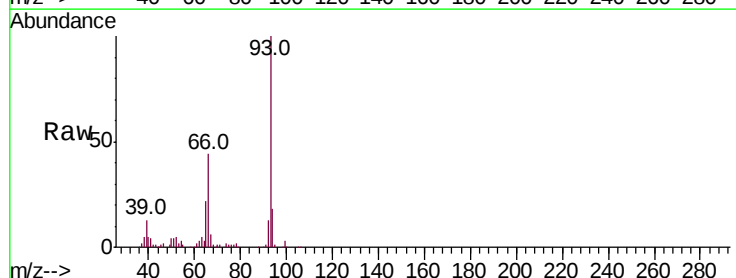
Tgt Ion: 93 Resp: 190837

Ion Ratio Lower Upper

93 100

66 43.6 32.7 49.1

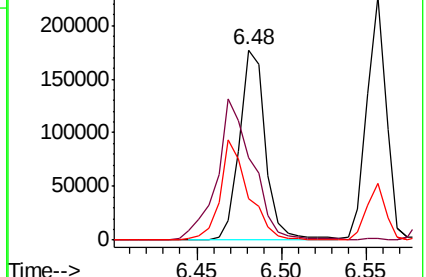
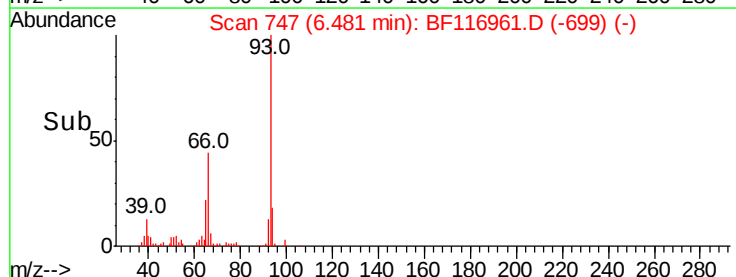
65 22.0 16.3 24.5

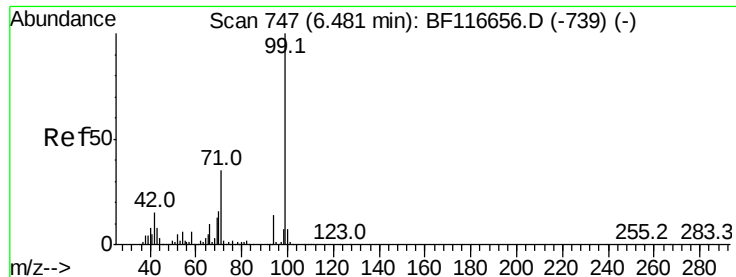


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.716 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

ClientSampleId :

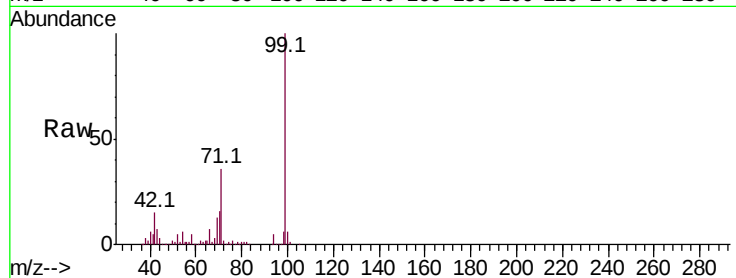
Tot Ion: 99 Resp: 530950

Ion Ratio Lower Upper

99 100

42 14.7 13.7 20.5

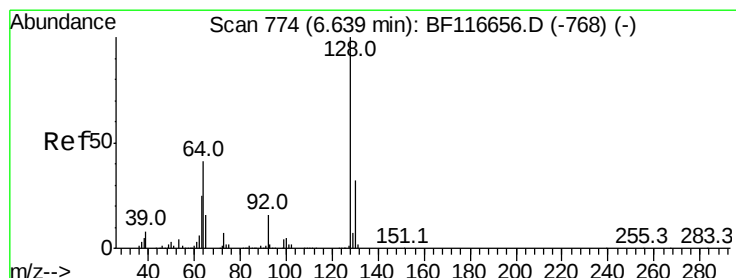
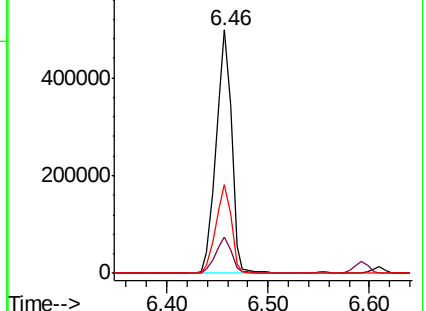
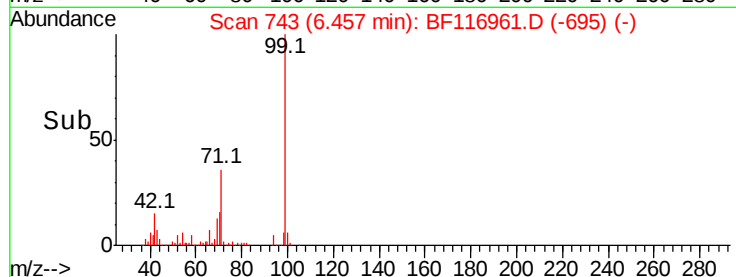
71 36.4 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.074 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

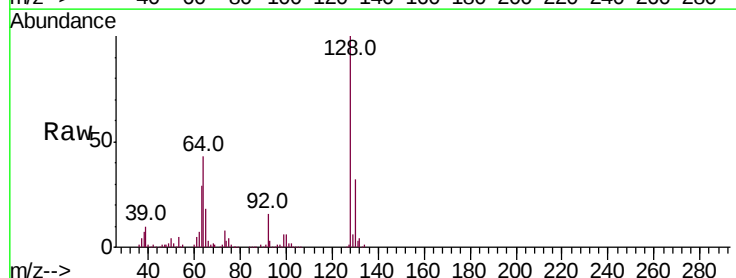
Tgt Ion: 128 Resp: 194211

Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

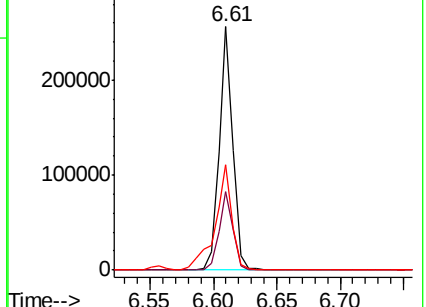
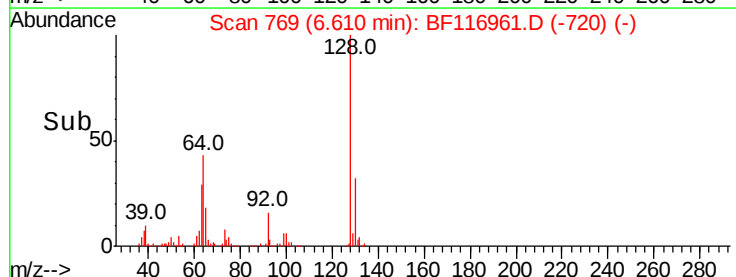
64 43.4 22.5 62.5

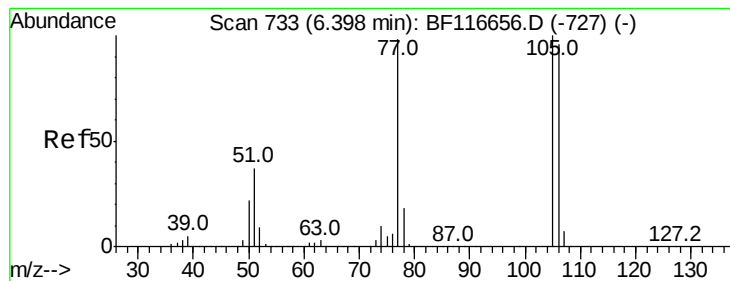


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.125 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

ClientSampleId :

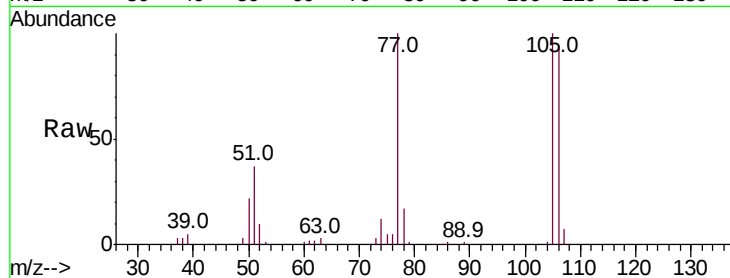
Tot Ion: 77 Resp: 120673

Ion Ratio Lower Upper

77 100

105 100.4 76.7 116.7

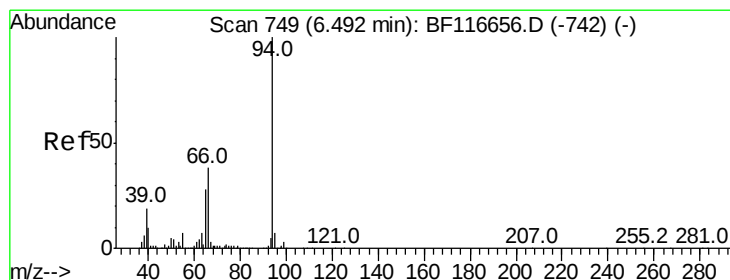
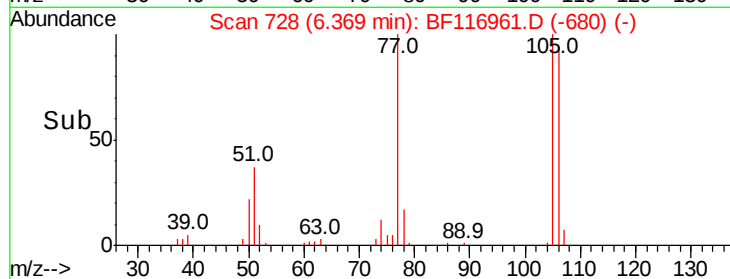
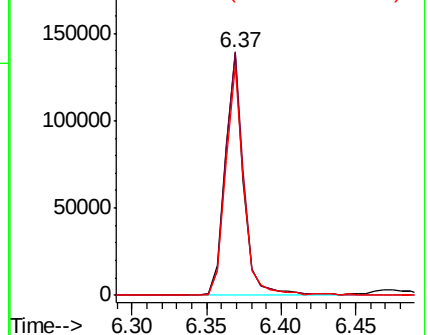
106 94.4 73.1 113.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.898 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

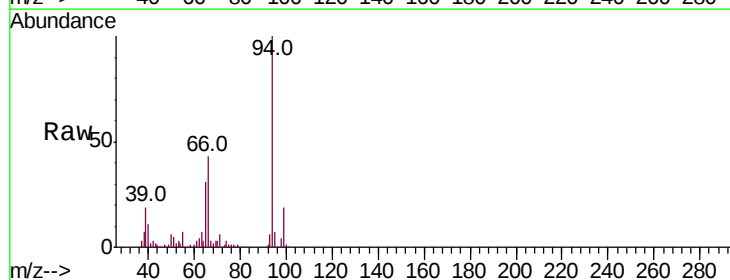
Tgt Ion: 94 Resp: 263312

Ion Ratio Lower Upper

94 100

65 30.6 10.8 50.8

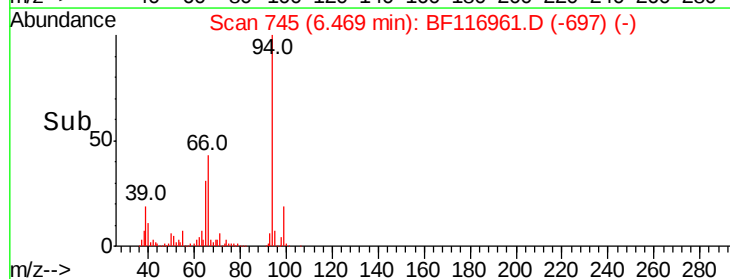
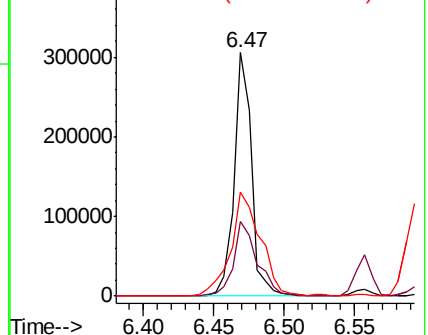
66 42.9 21.1 61.1

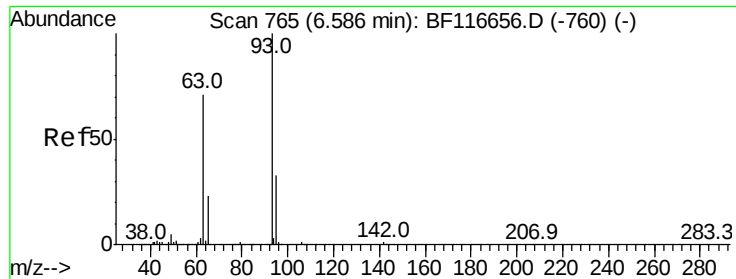


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

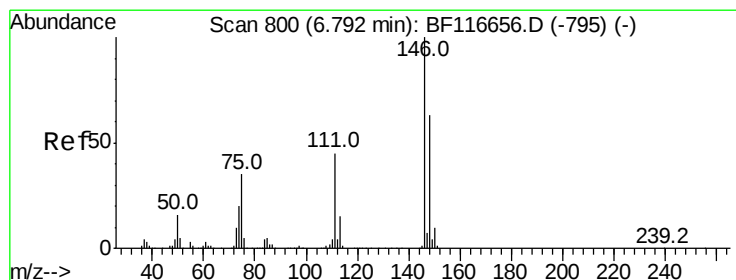
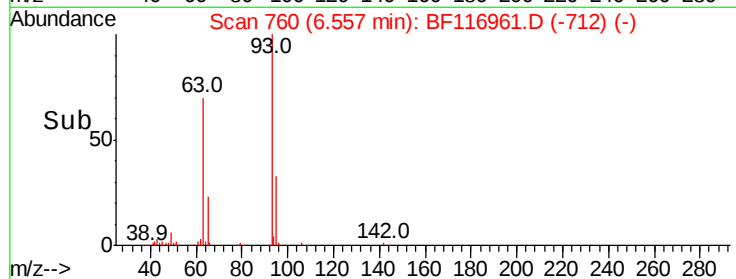
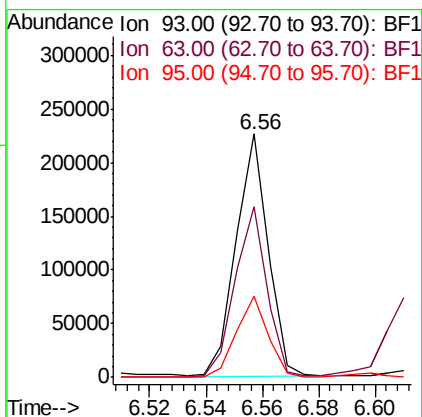
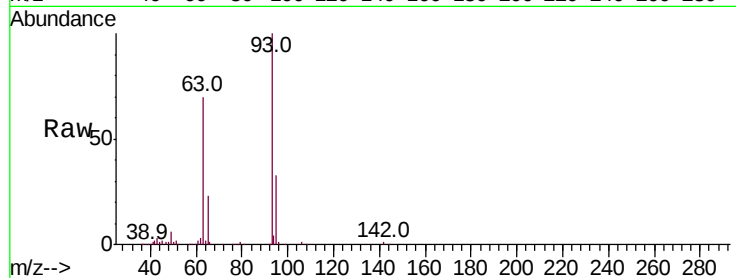




#11
bis(2-Chloroethyl)ether
Concen: 40.671 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

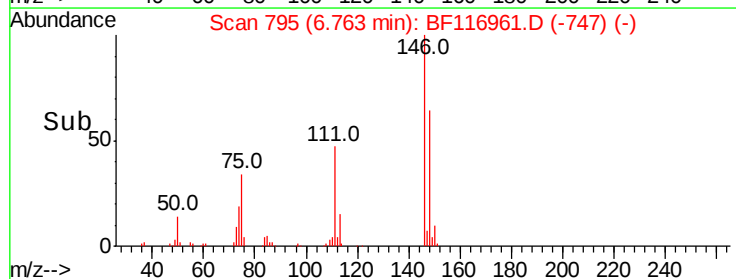
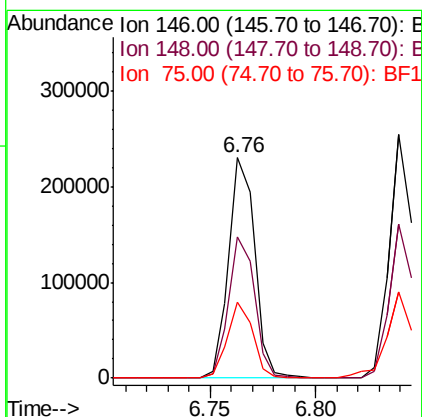
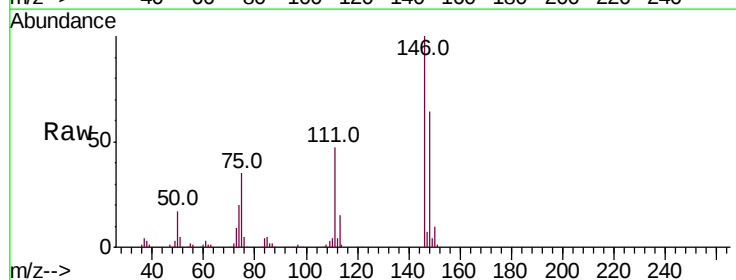
Instrument :
BNA_F
ClientSampleId :

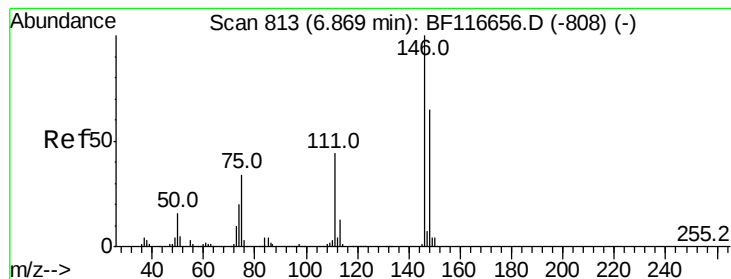
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.0	49.9	89.9
95	33.1	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 41.436 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.0
75	34.6	29.6	44.4





#13

1,4-Dichlorobenzene

Concen: 43.258 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

ClientSampleId :

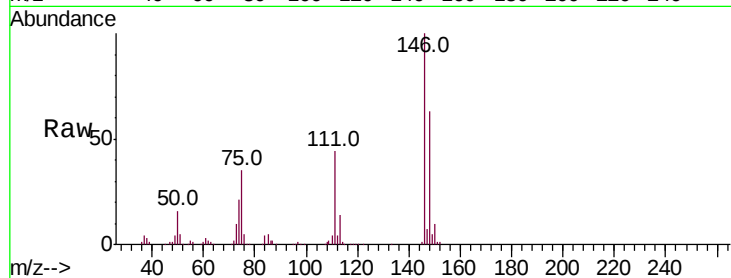
Tot Ion:146 Resp: 205170

Ion Ratio Lower Upper

146 100

148 63.2 51.4 77.2

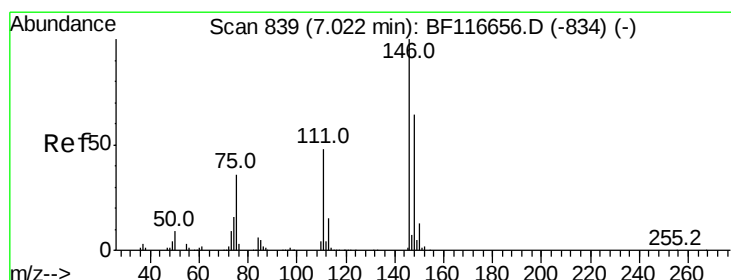
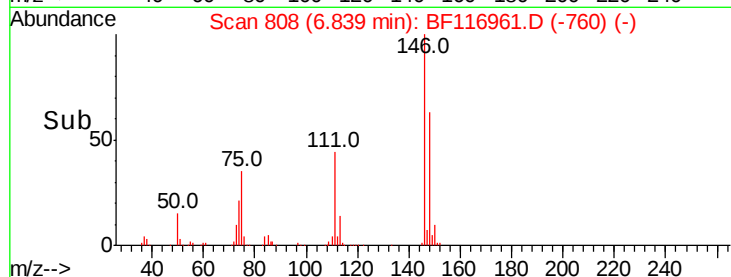
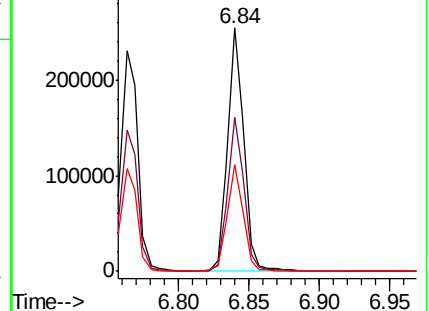
111 43.9 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.933 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

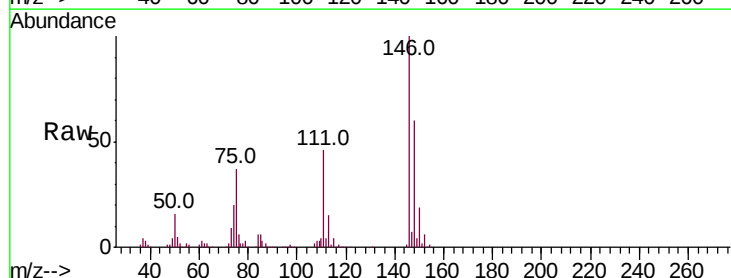
Tgt Ion:146 Resp: 193105

Ion Ratio Lower Upper

146 100

148 60.4 52.6 78.8

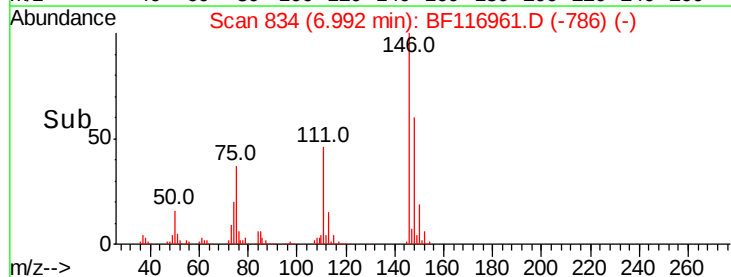
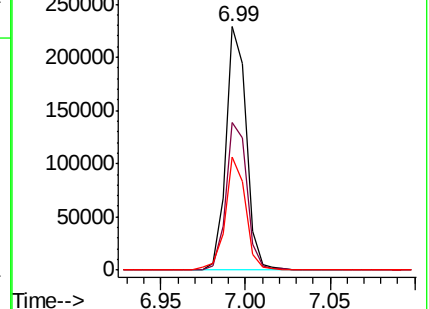
111 46.4 34.2 51.4

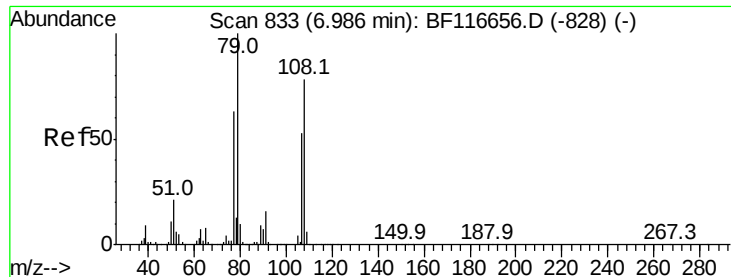


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.611 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

ClientSampleId :

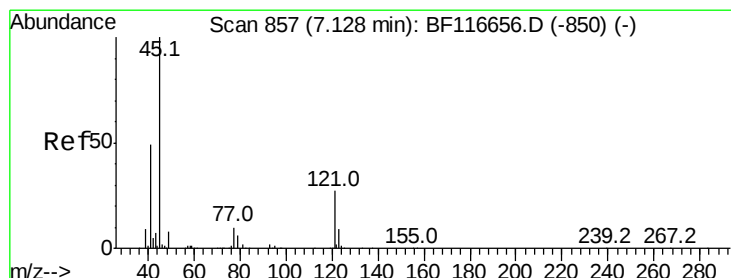
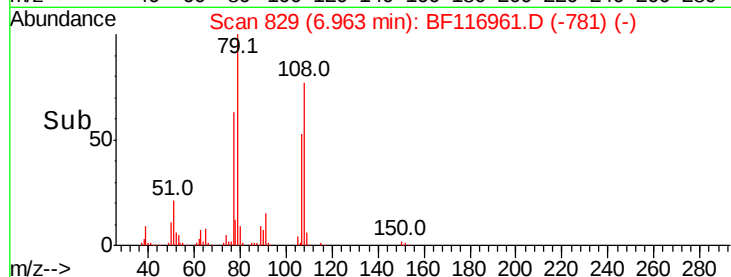
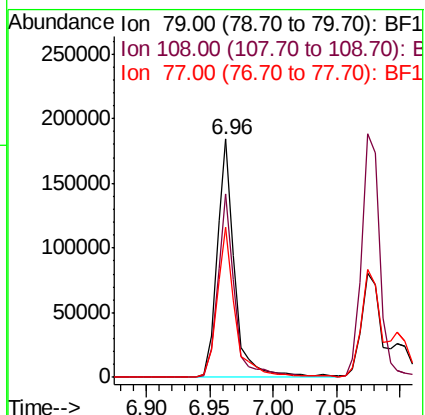
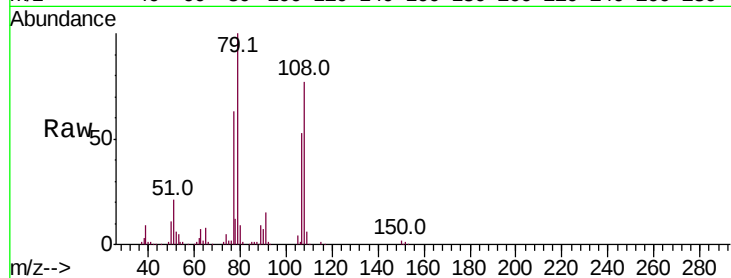
Tot Ion: 79 Resp: 179495

Ion Ratio Lower Upper

79 100

108 76.9 59.2 88.8

77 63.2 53.0 79.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.868 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

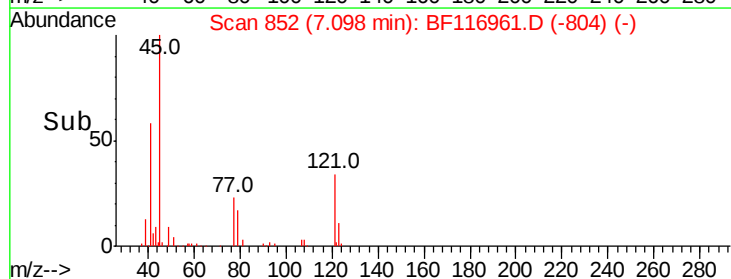
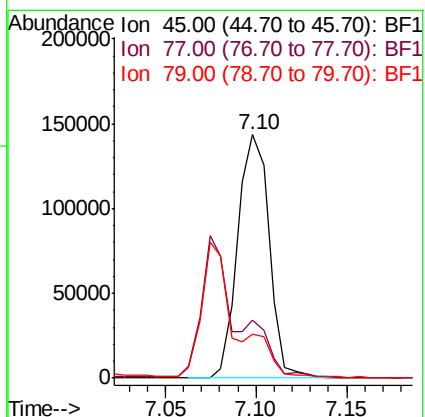
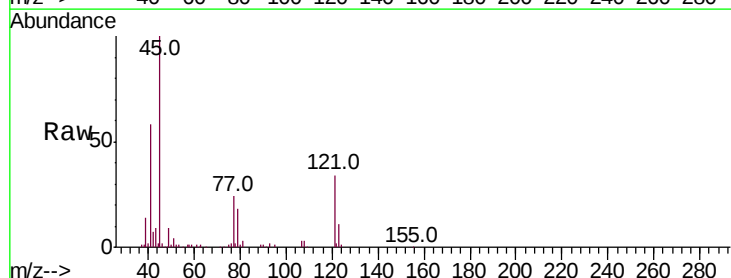
Tgt Ion: 45 Resp: 173714

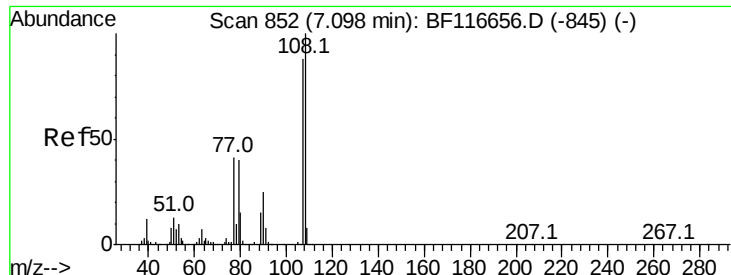
Ion Ratio Lower Upper

45 100

77 24.0 0.0 38.2

79 18.1 0.0 33.9

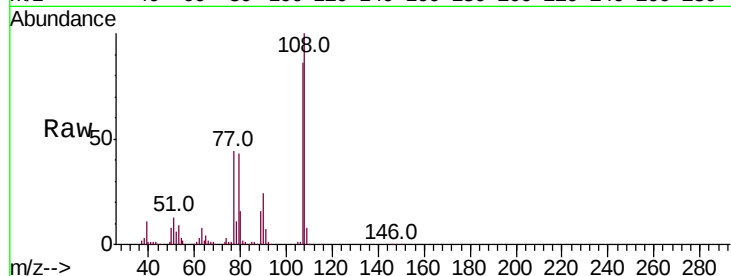




#17
2-Methylphenol
Concen: 42.501 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	156830
Ion	Ratio	Lower	Upper
107	100		
108	116.8	88.3	132.5
77	51.9	39.9	59.9
79	49.9	39.8	59.8



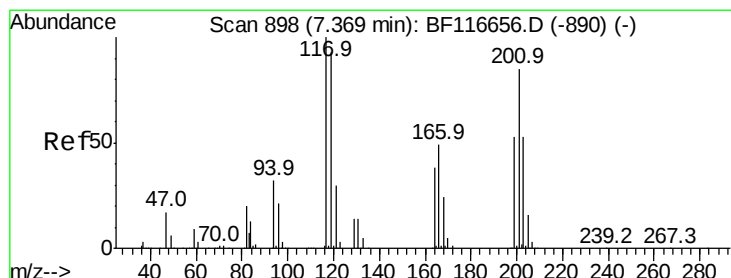
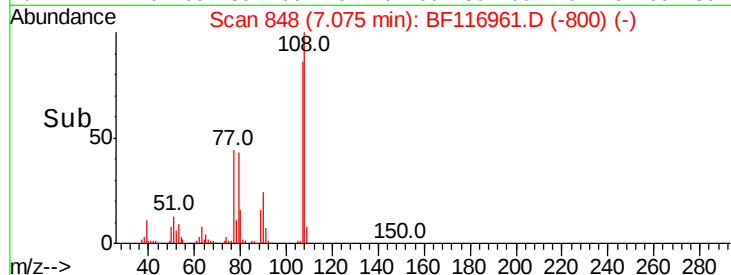
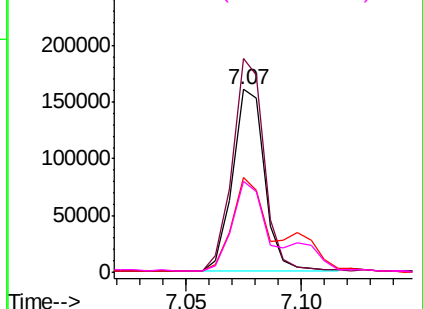
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

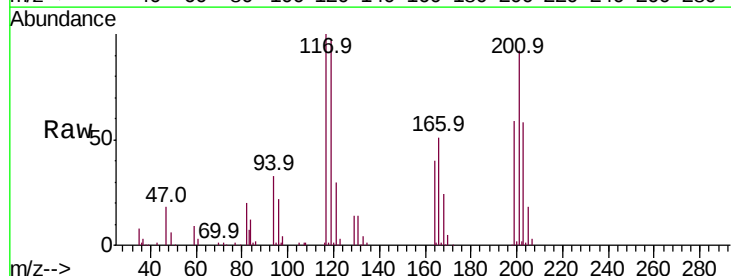
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.463 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion:	117	Resp:	78248
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.9	115.3
201	92.3	79.4	119.0

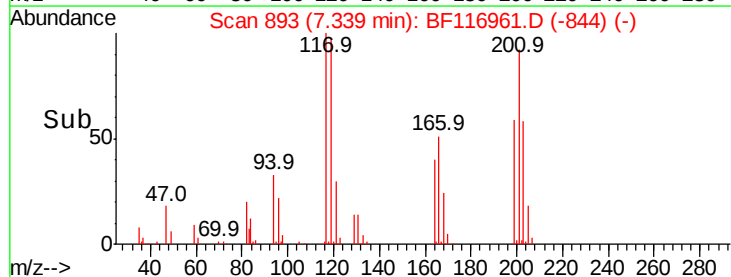
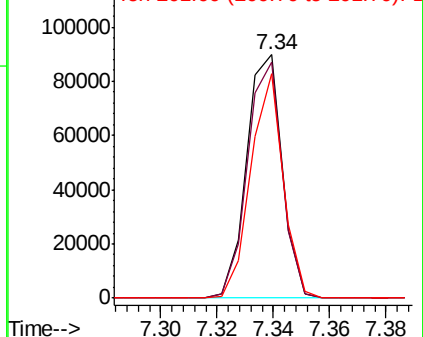


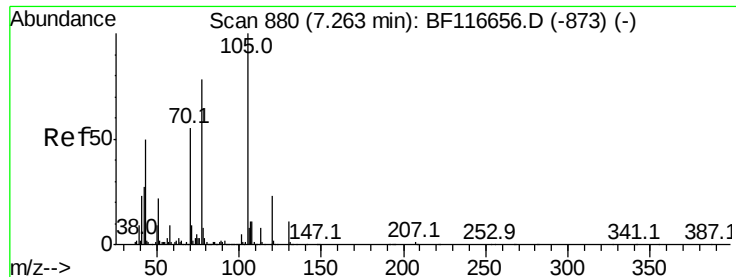
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

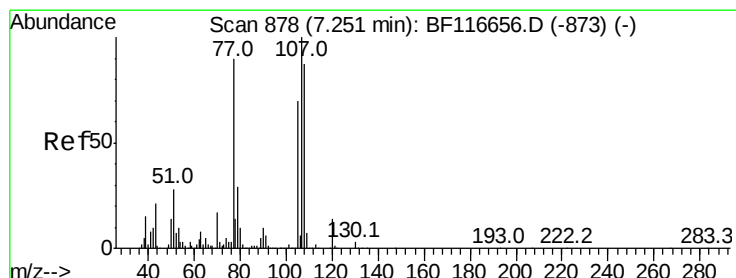
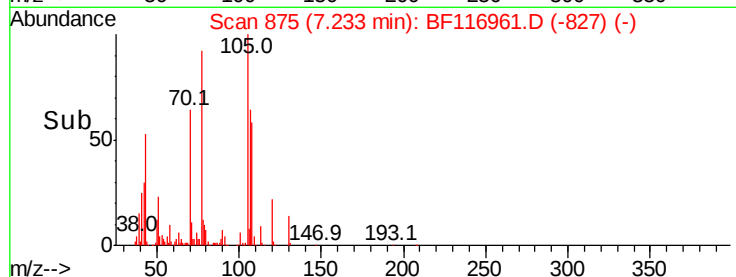
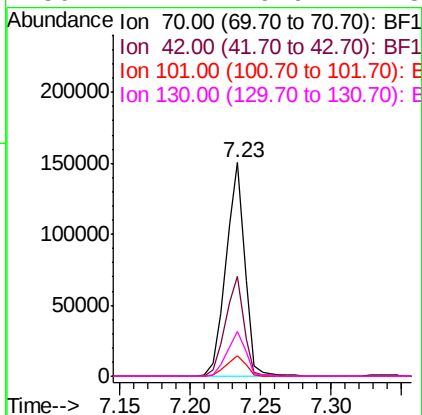
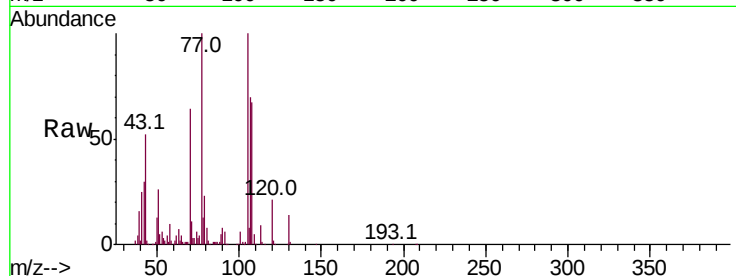




#19
n-Nitroso-di-n-propylamine
Concen: 41.718 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

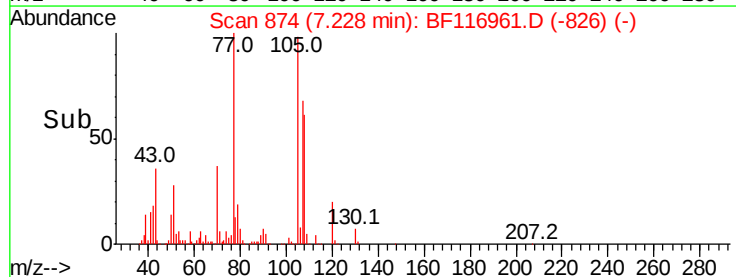
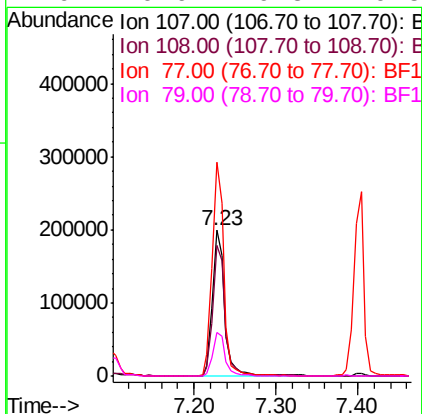
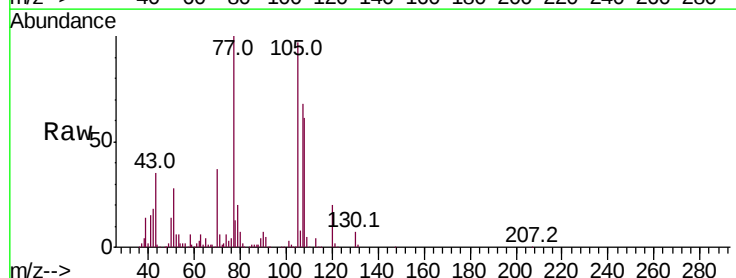
Instrument :
BNA_F
ClientSampleId :

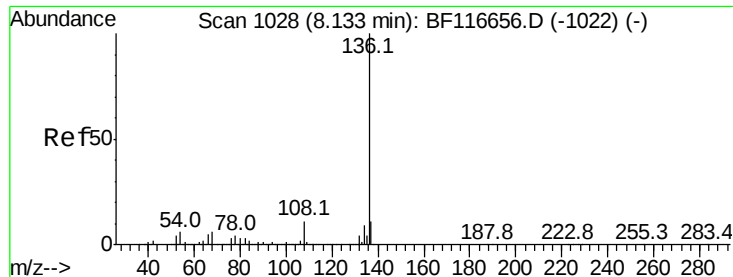
Tot Ion:	70	Resp:	139274
Ion	Ratio	Lower	Upper
70	100		
42	46.8	43.5	65.3
101	9.5	7.8	11.6
130	21.2	16.6	24.8



#20
3+4-Methylphenols
Concen: 47.591 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion:	107	Resp:	204184
Ion	Ratio	Lower	Upper
107	100		
108	89.6	65.5	105.5
77	147.0	69.4	109.4#
79	29.6	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 255617

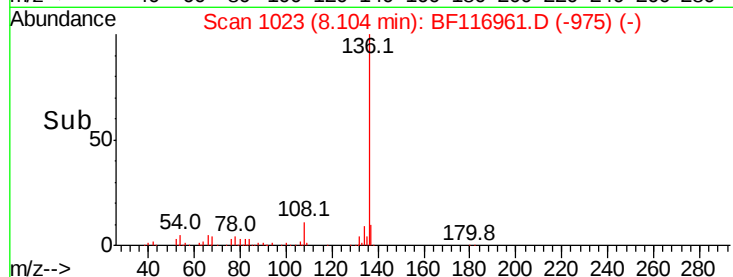
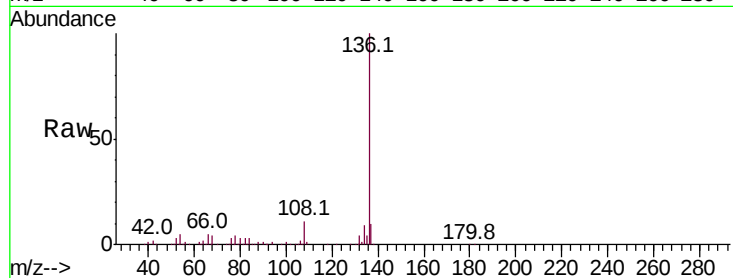
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 5.3 4.8 7.2

68 4.4 4.0 6.0



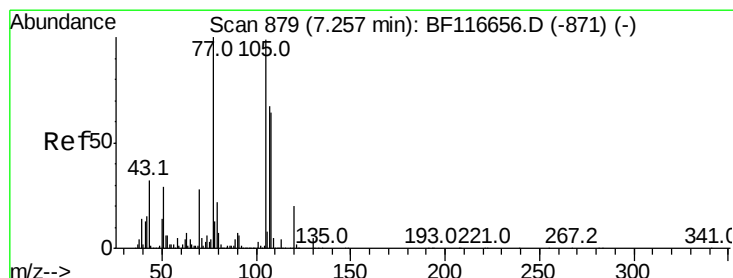
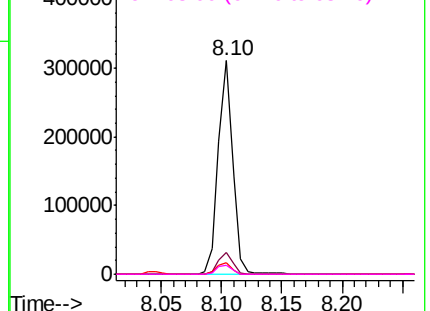
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.699 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Tgt Ion:105 Resp: 281234

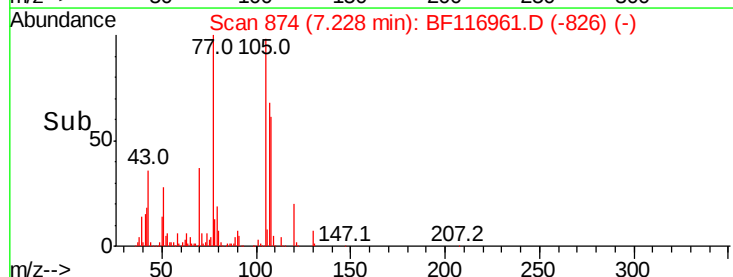
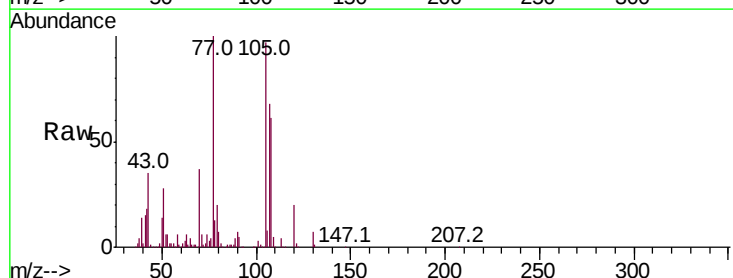
Ion Ratio Lower Upper

105 100

71 6.0 4.2 6.4

51 28.7 25.8 38.8

120 20.7 16.4 24.6



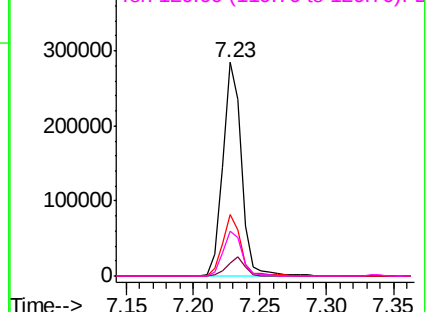
Abundance

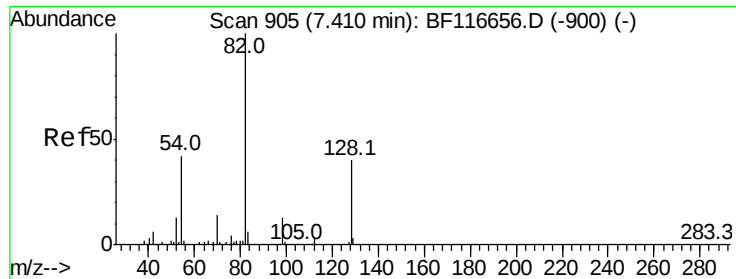
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

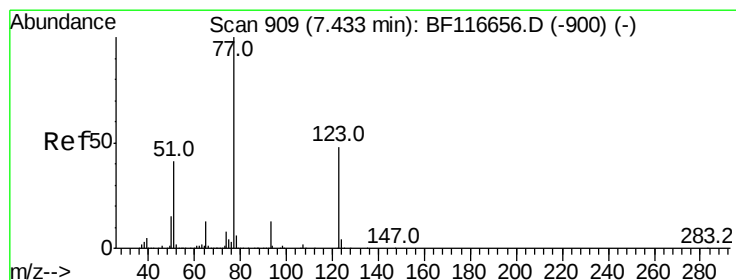
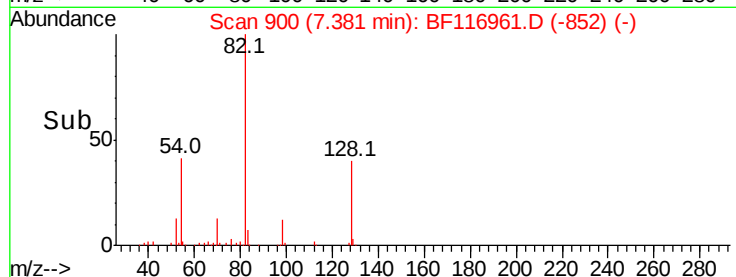
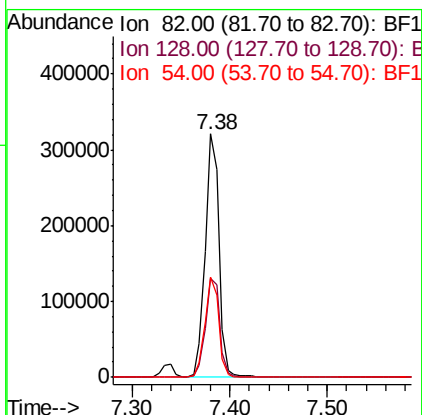
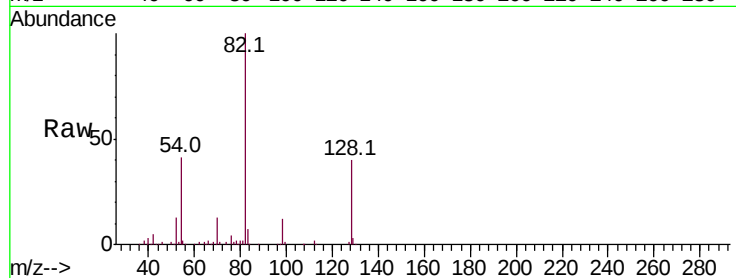




#23
 Nitrobenzene-d5
 Concen: 70.985 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

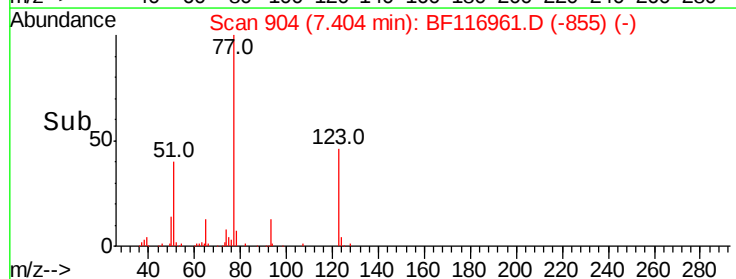
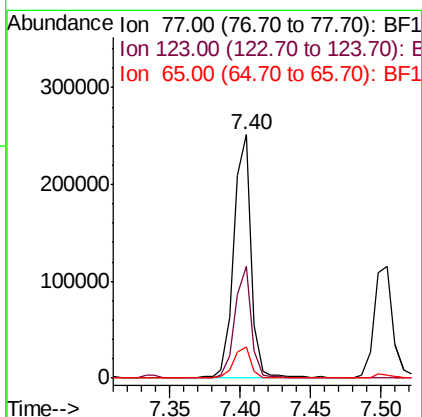
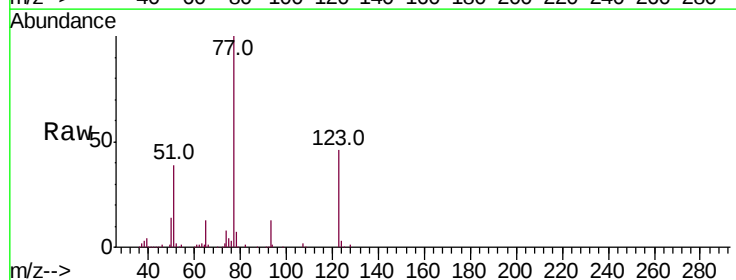
Instrument :
 BNA_F
 ClientSampleId :

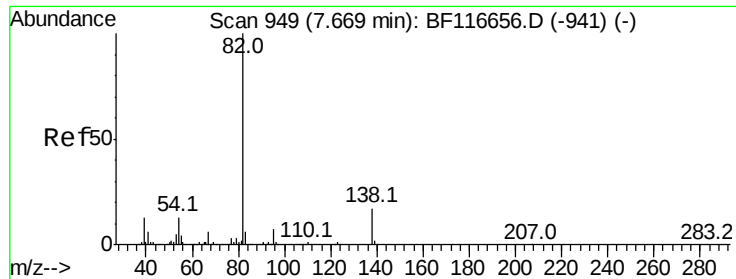
Tot Ion	82	Resp	317846
Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.8	49.2
54	41.3	36.9	55.3



#24
 Nitrobenzene
 Concen: 47.512 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

Tgt Ion	77	Resp	216370
Ion	Ratio	Lower	Upper
77	100		
123	46.0	33.1	49.7
65	12.7	10.6	15.8





#25

Isophorone

Concen: 42.756 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

ClientSampled :

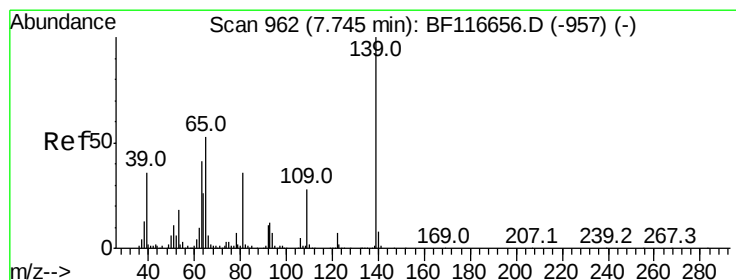
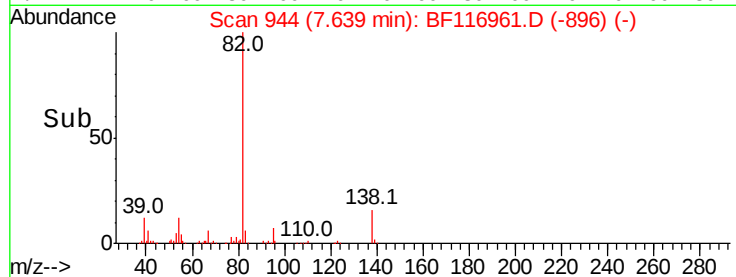
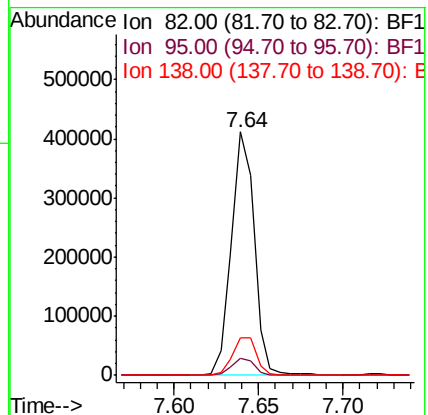
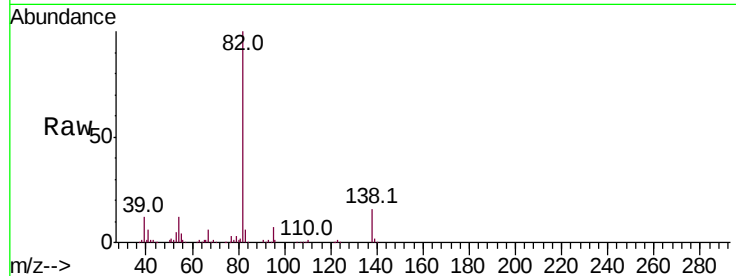
Tot Ion: 82 Resp: 387937

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

138 15.7 13.5 20.3



#26

2-Nitrophenol

Concen: 57.517 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

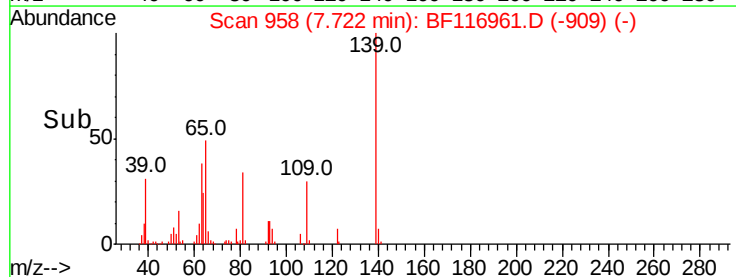
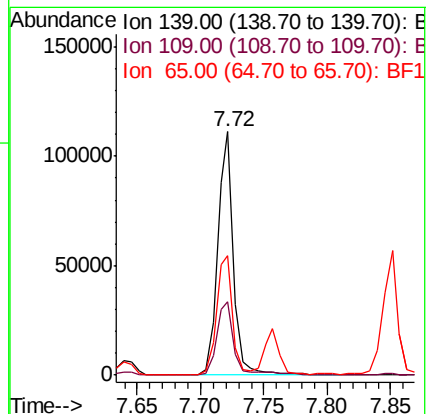
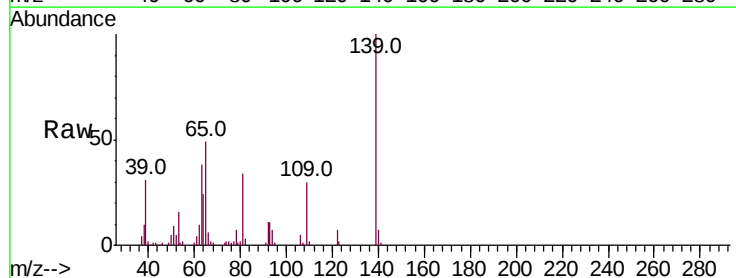
Tgt Ion: 139 Resp: 97381

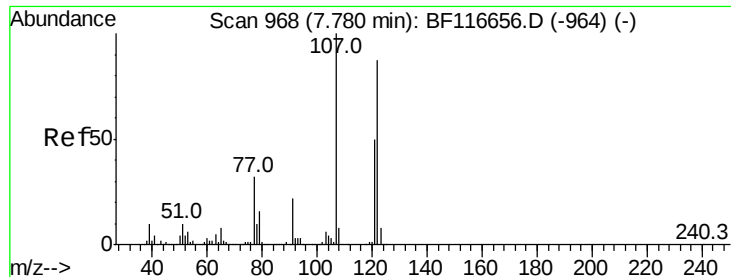
Ion Ratio Lower Upper

139 100

109 30.4 27.1 40.7

65 49.0 43.0 64.6

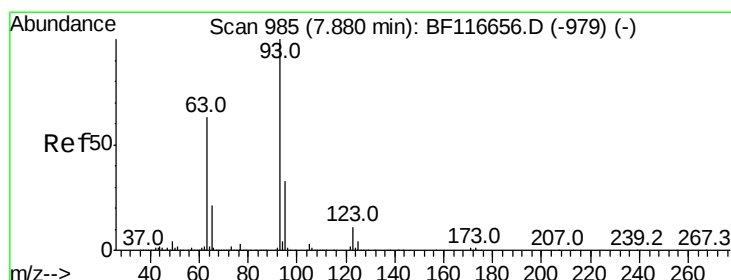
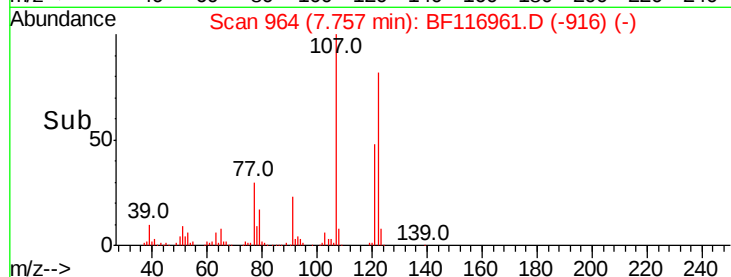
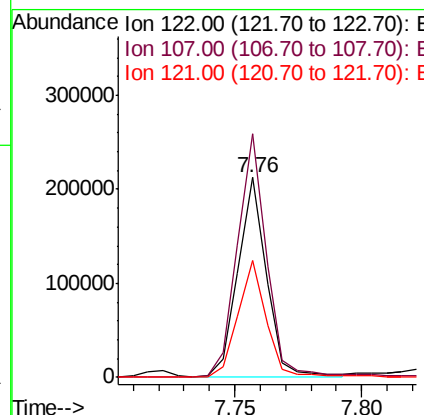
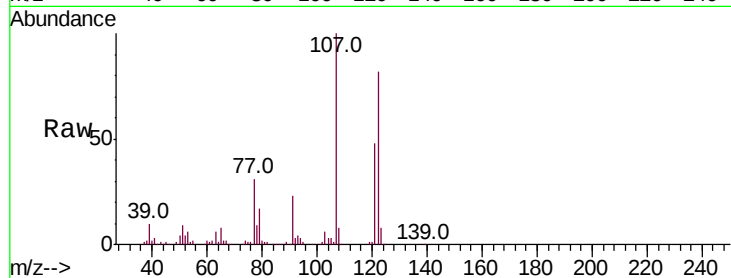




#27
 2,4-Dimethylphenol
 Concen: 49.110 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

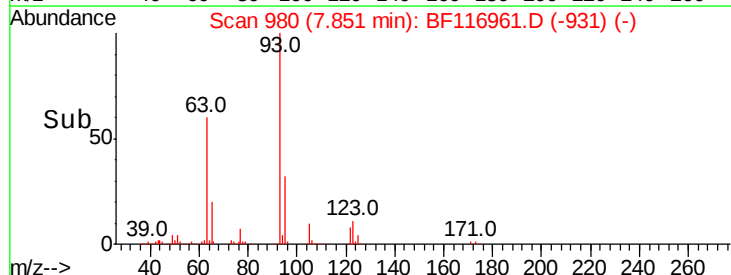
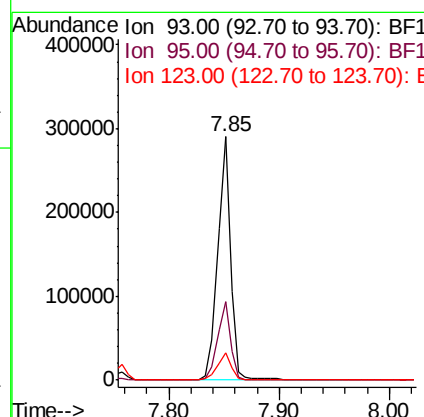
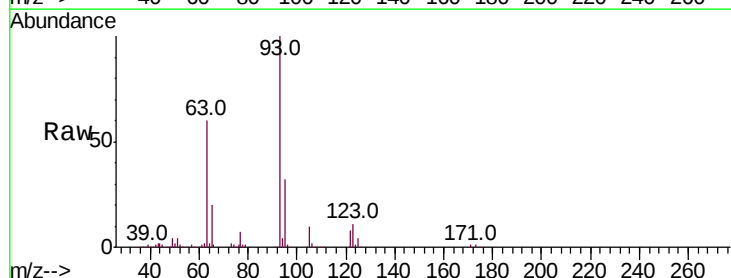
Instrument :
 BNA_F
 ClientSampleId :

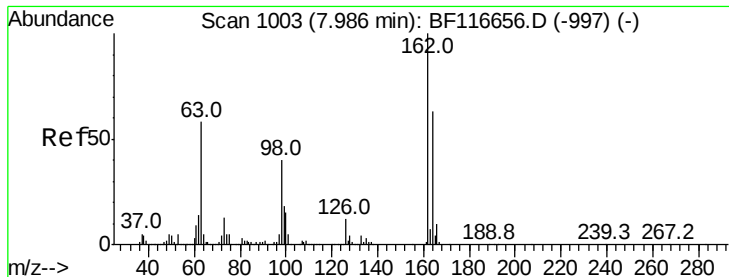
Tot Ion	Ratio	Lower	Upper
122	100		
107	122.0	98.1	147.1
121	58.3	47.3	70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.931 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	11.2	9.8	14.8

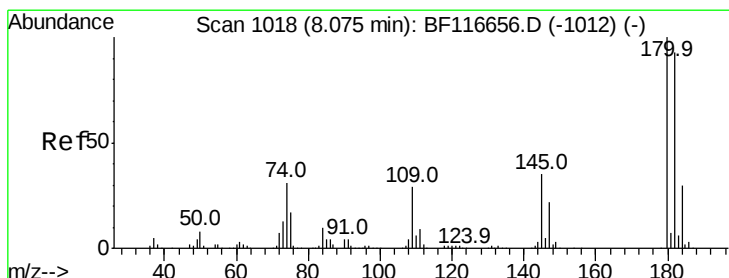
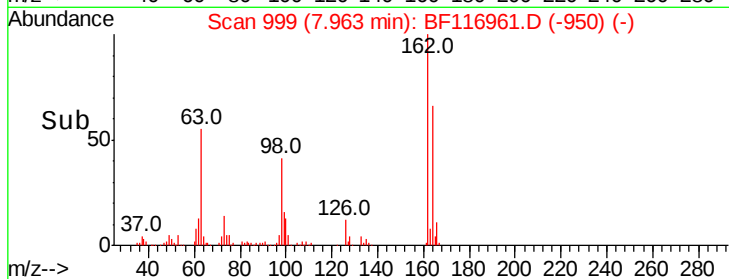
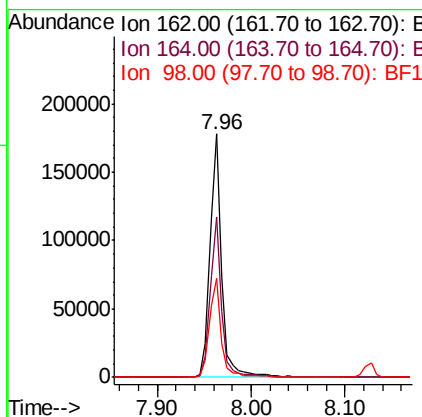
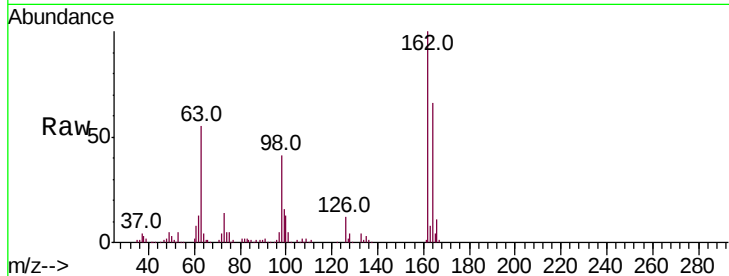




#29
 2,4-Dichlorophenol
 Concen: 47.864 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

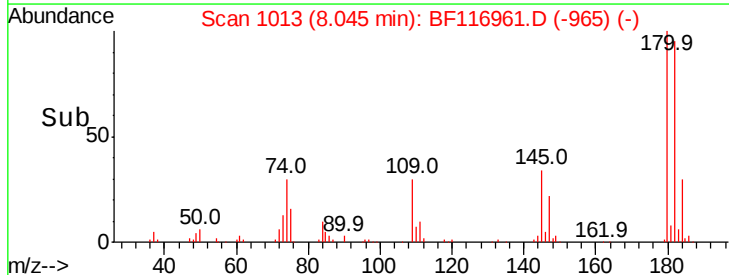
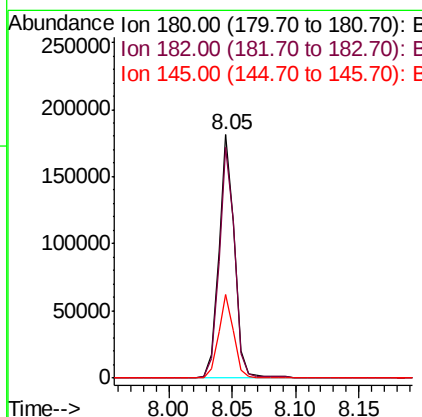
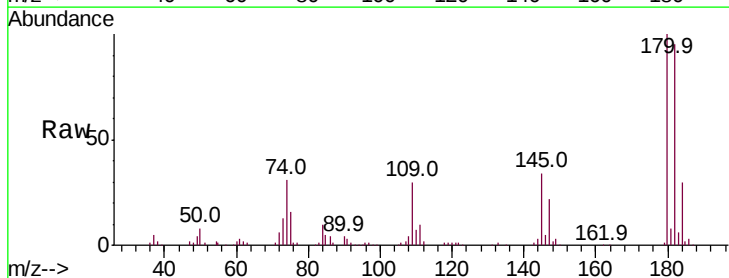
Instrument :
 BNA_F
 ClientSampled :

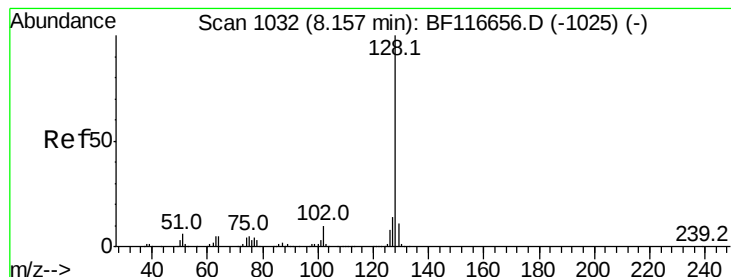
Tot Ion:	162	Resp:	157283
Ion	Ratio	Lower	Upper
162	100		
164	66.1	43.4	83.4
98	40.8	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.915 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

Tgt Ion:	180	Resp:	156521
Ion	Ratio	Lower	Upper
180	100		
182	94.8	78.6	118.0
145	34.4	25.7	38.5





#31

Naphthalene

Concen: 45.495 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

ClientSampleId :

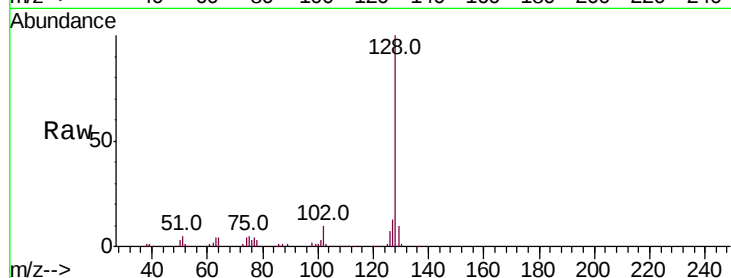
Tot Ion:128 Resp: 552979

Ion Ratio Lower Upper

128 100

129 10.4 8.6 13.0

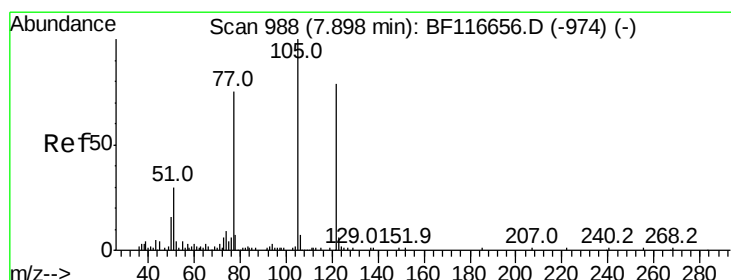
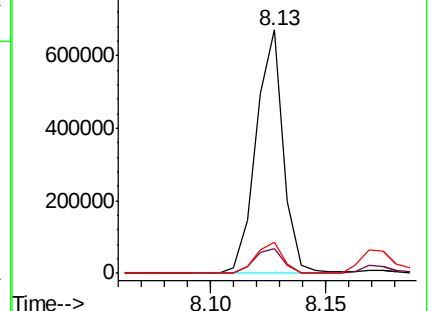
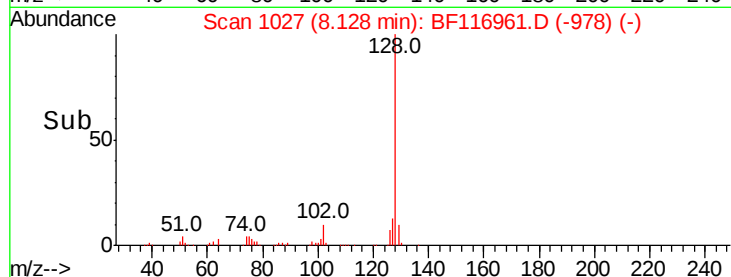
127 12.9 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.964 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.05 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

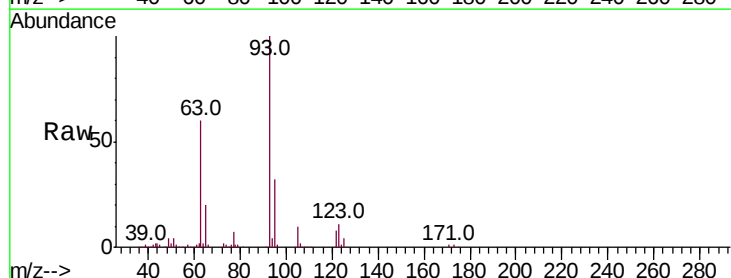
Tgt Ion:122 Resp: 53990

Ion Ratio Lower Upper

122 100

105 128.6 110.0 150.0

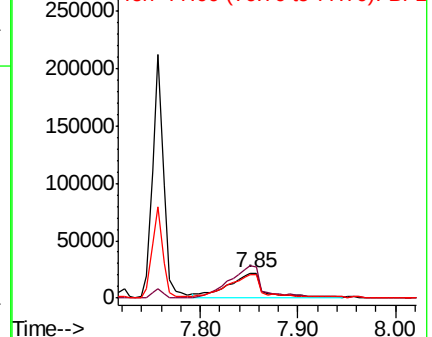
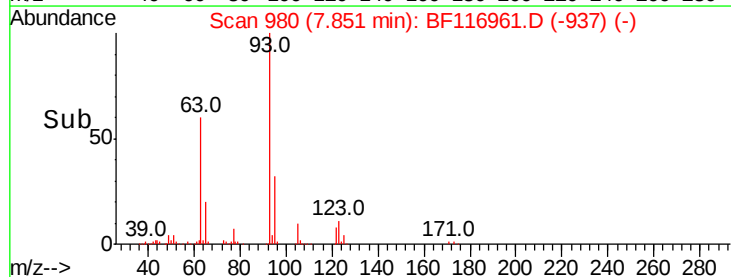
77 94.6 81.7 121.7

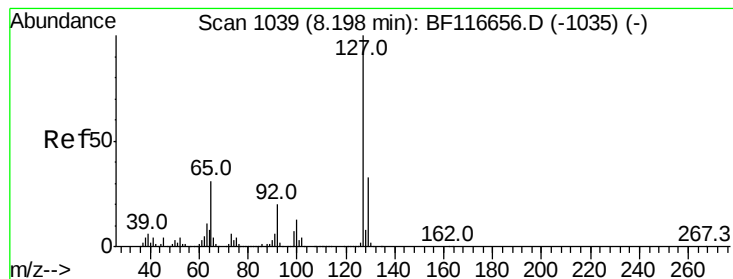


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 13.906 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 76941

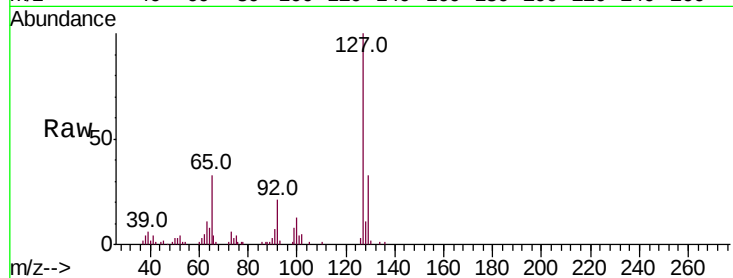
Ion Ratio Lower Upper

127 100

129 33.0 26.2 39.2

65 32.7 26.0 39.0

92 20.9 16.1 24.1

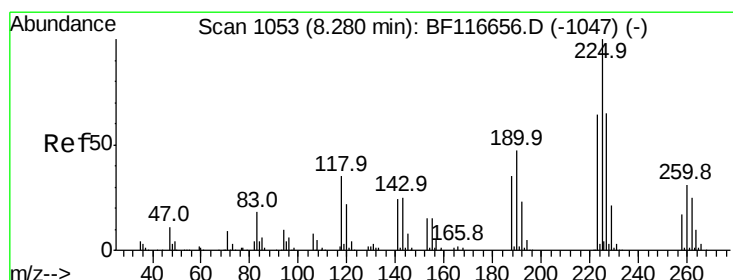
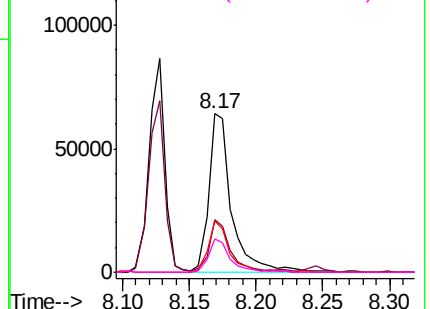
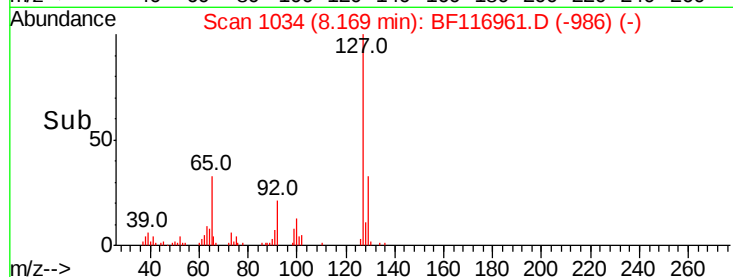


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 44.287 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

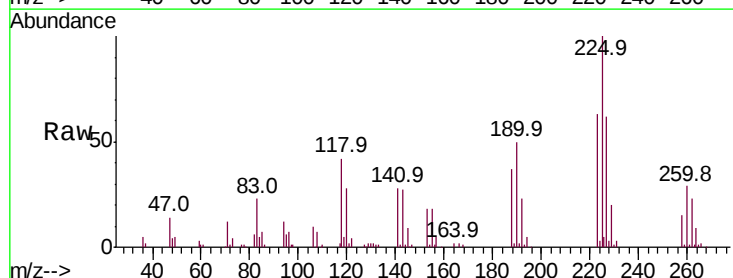
Tgt Ion:225 Resp: 86066

Ion Ratio Lower Upper

225 100

223 63.3 49.4 74.2

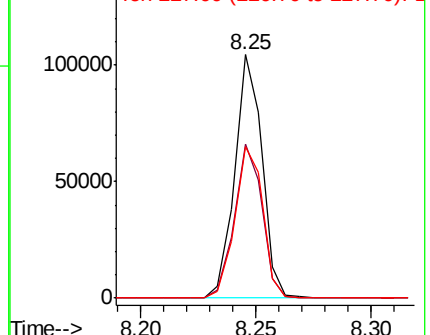
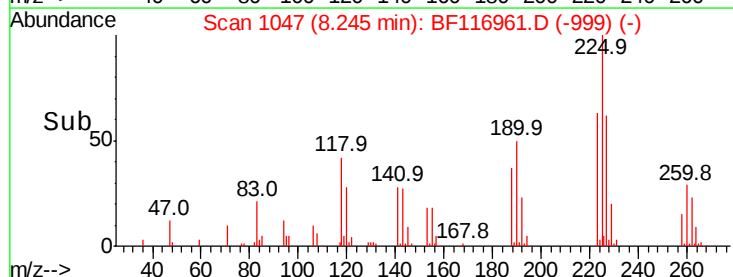
227 62.0 51.0 76.4

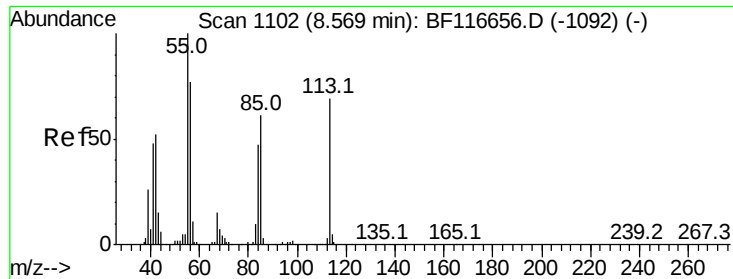


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

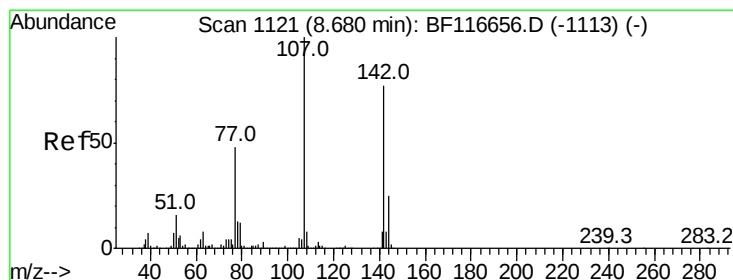
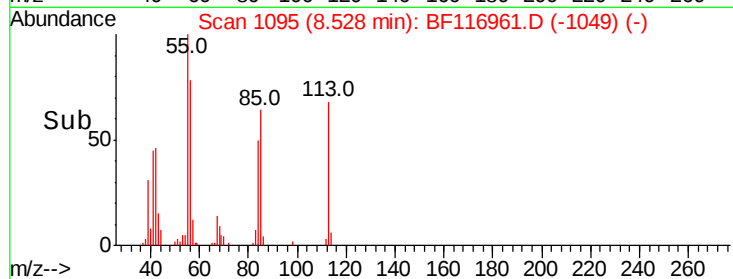
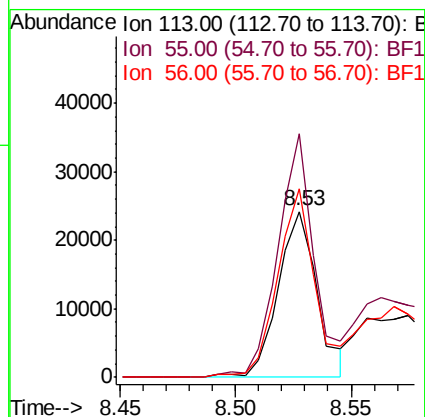
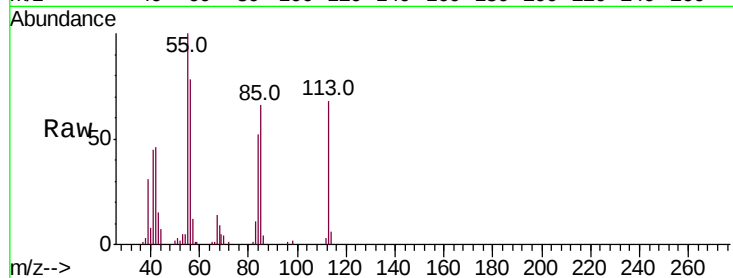




#35
 Caprolactam
 Concen: 22.967 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

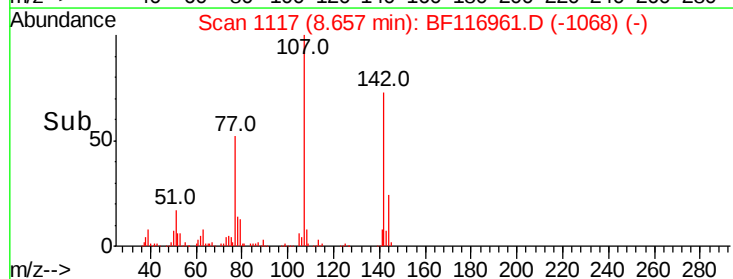
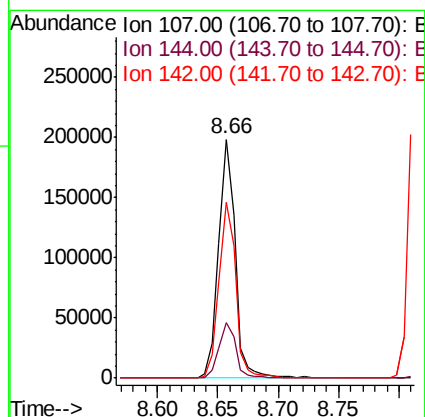
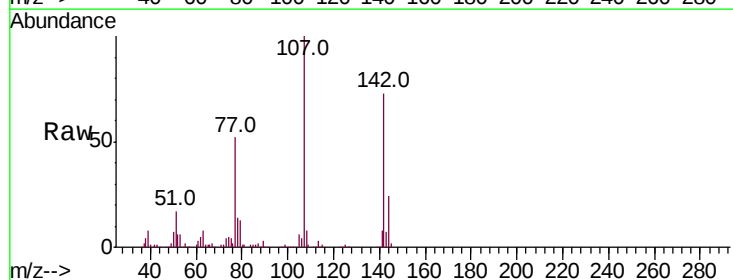
Instrument :
 BNA_F
 ClientSampleId :

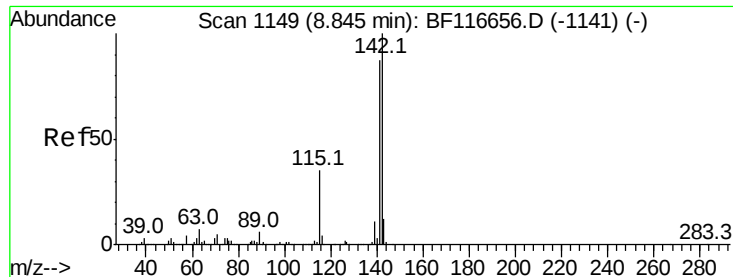
Tot Ion:113 Resp: 28245
 Ion Ratio Lower Upper
 113 100
 55 146.9 124.3 164.3
 56 114.1 94.6 134.6



#36
 4-Chloro-3-methylphenol
 Concen: 49.767 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

Tgt Ion:107 Resp: 187960
 Ion Ratio Lower Upper
 107 100
 144 23.5 18.6 27.8
 142 73.5 58.5 87.7

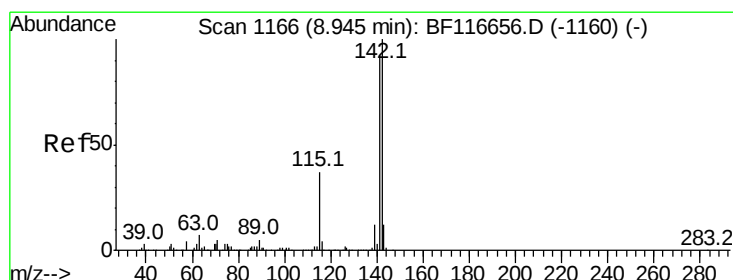
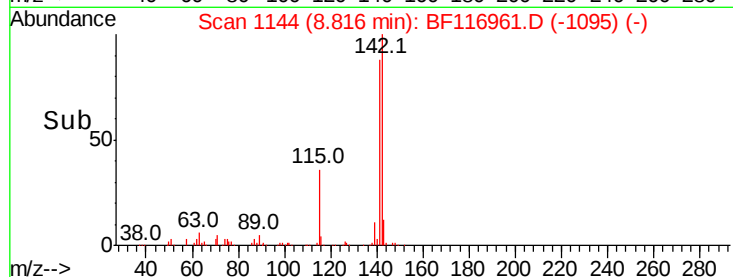
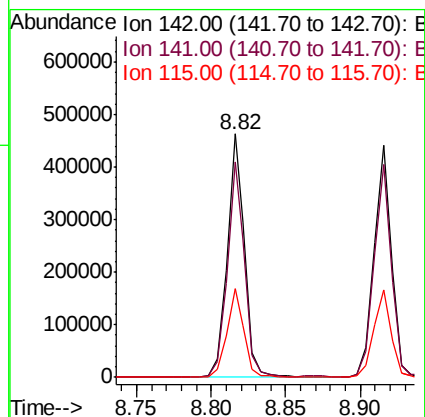
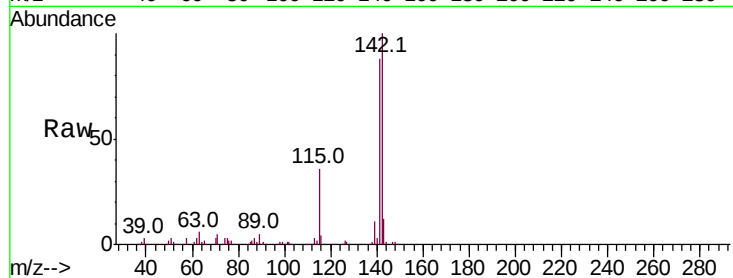




#37
2-Methylnaphthalene
Concen: 46.868 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

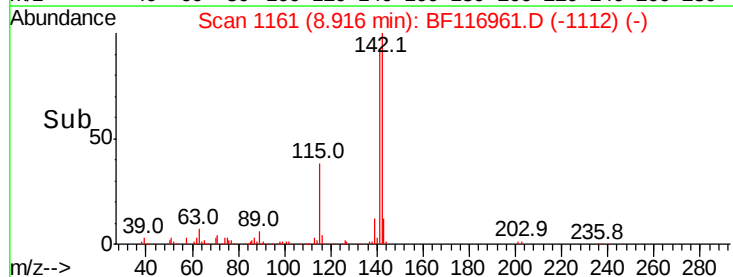
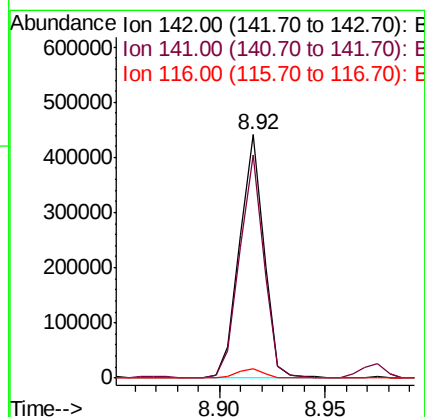
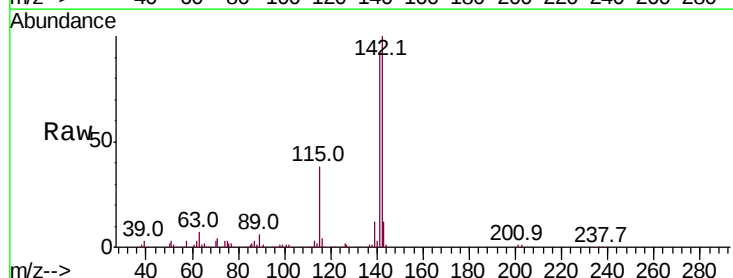
Instrument :
BNA_F
ClientSampleId :

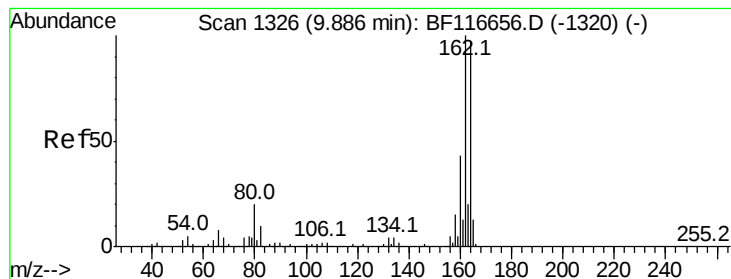
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.6	109.0
115	36.2	29.8	44.6



#38
1-Methylnaphthalene
Concen: 45.698 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.9	110.9
116	3.8	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

ClientSampleId :

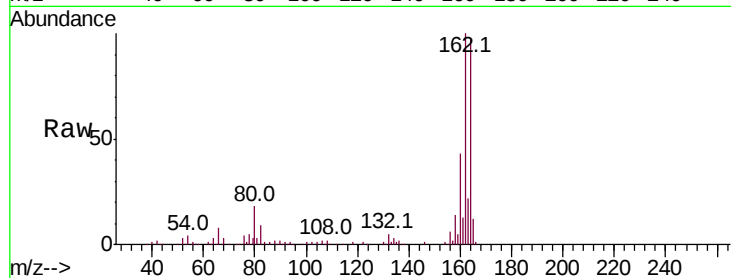
Tot Ion:164 Resp: 134540

Ion Ratio Lower Upper

164 100

162 102.6 81.4 122.0

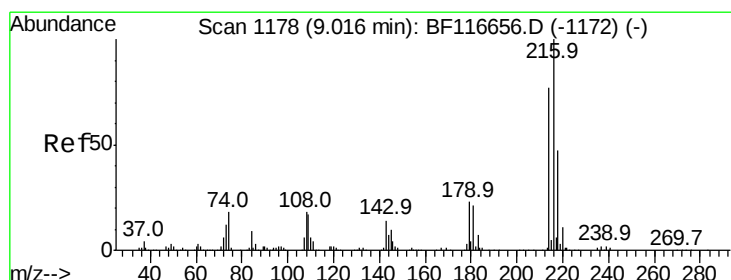
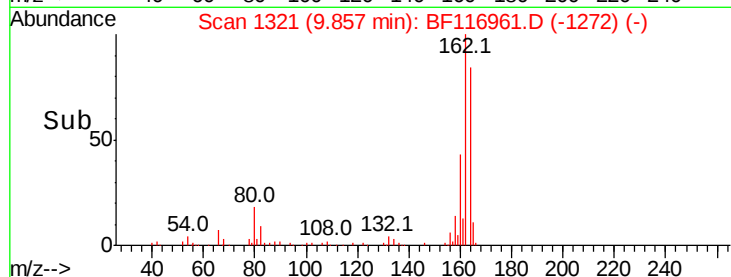
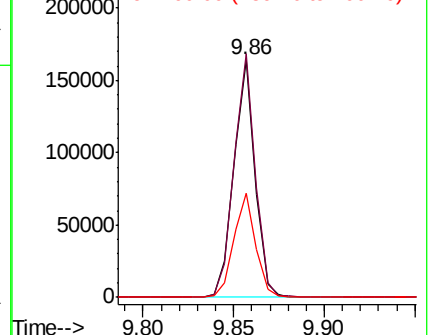
160 44.0 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.368 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Tgt Ion:216 Resp: 146319

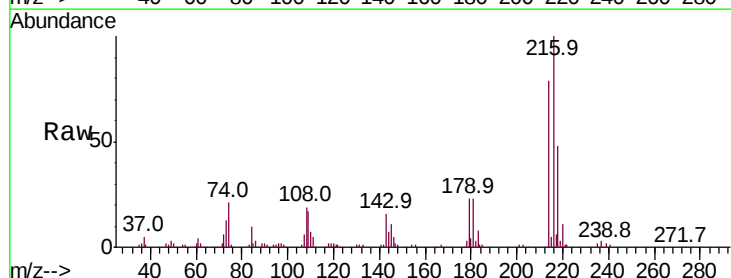
Ion Ratio Lower Upper

216 100

214 78.8 62.7 94.1

179 23.5 19.3 28.9

108 24.4 16.6 25.0

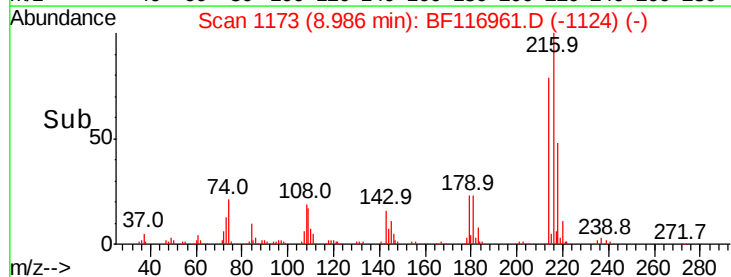
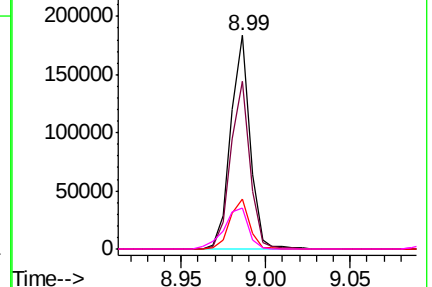


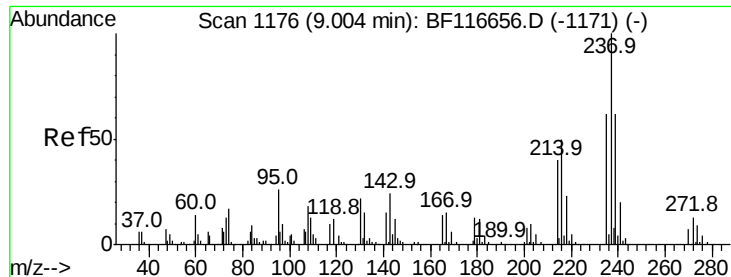
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 77.245 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

ClientSampleId :

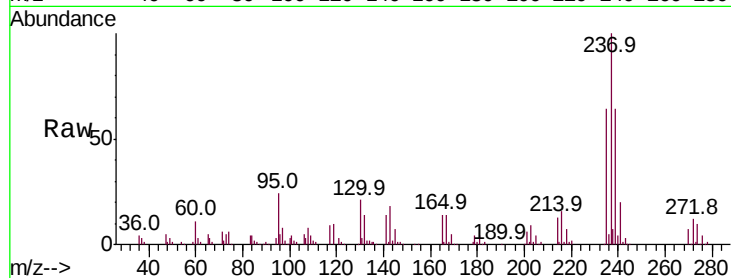
Tot Ion:237 Resp: 143863

Ion Ratio Lower Upper

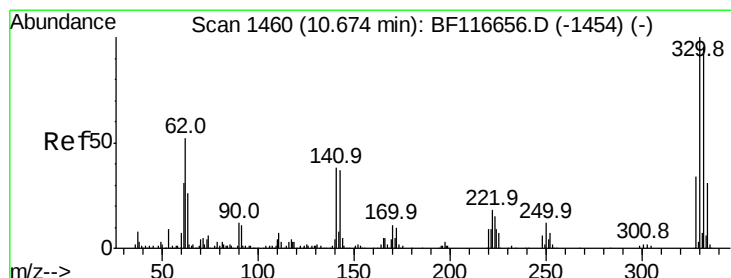
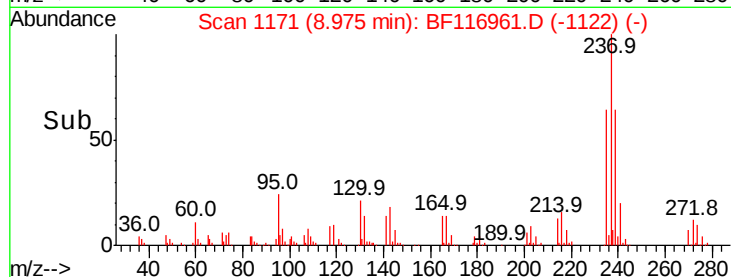
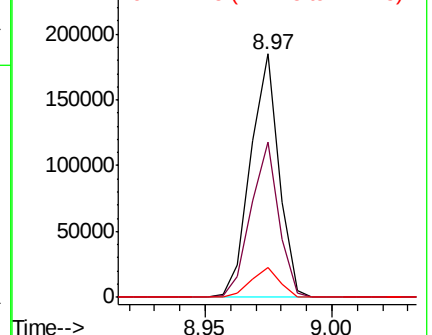
237 100

235 63.6 41.4 81.4

272 12.4 0.0 32.8



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



#42

2,4,6-Tribromophenol

Concen: 128.626 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

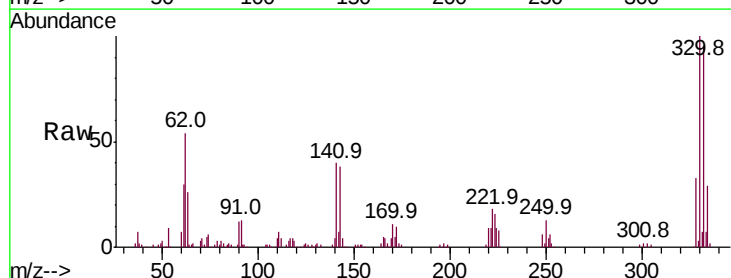
Tgt Ion:330 Resp: 115690

Ion Ratio Lower Upper

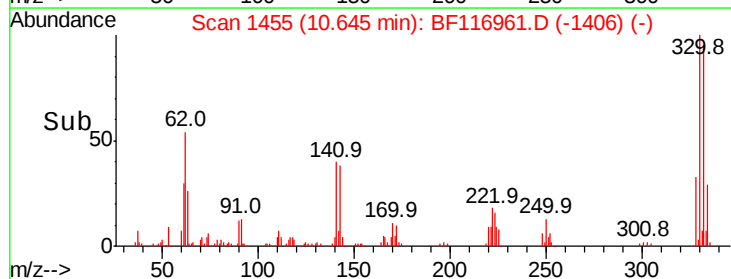
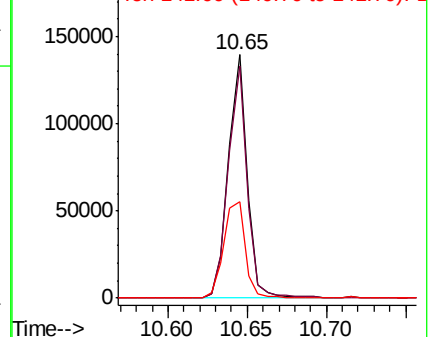
330 100

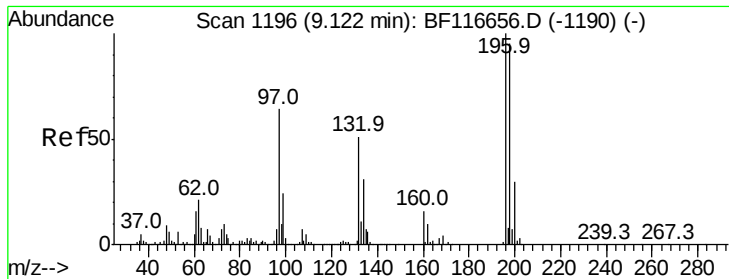
332 95.4 76.9 115.3

141 45.7 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

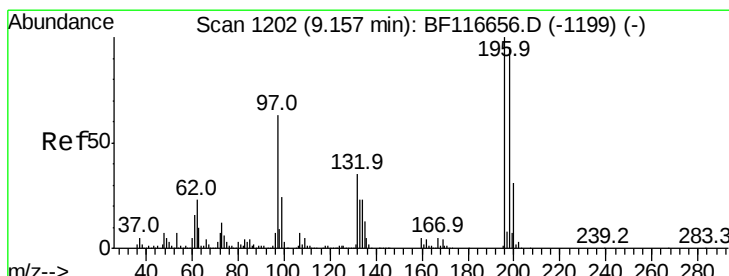
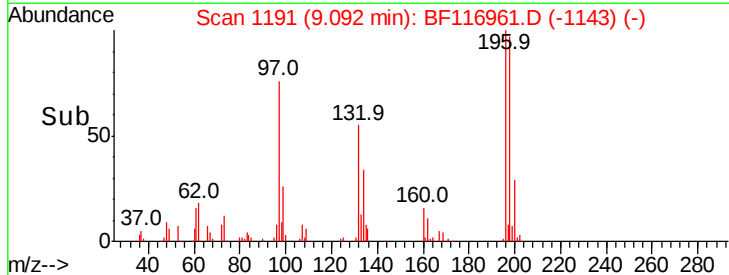
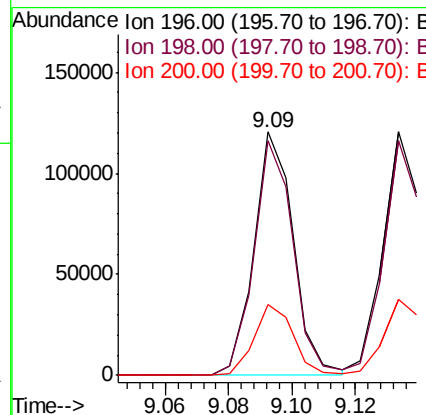
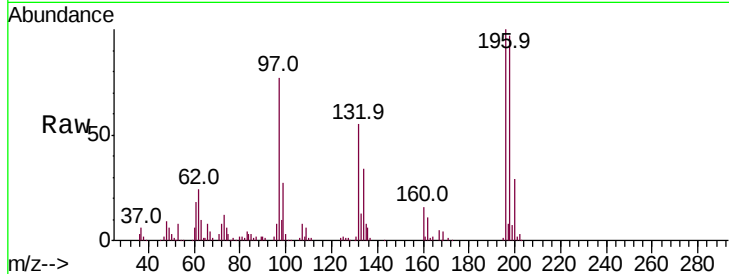




#43
 2,4,6-Trichlorophenol
 Concen: 47.058 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

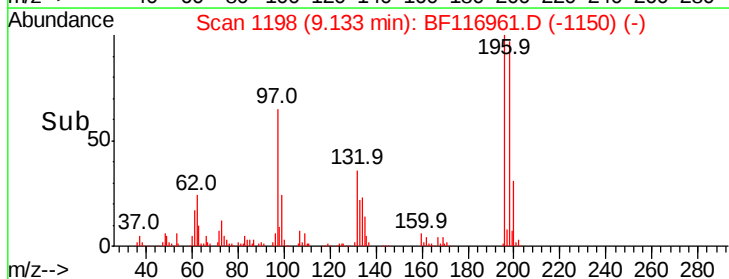
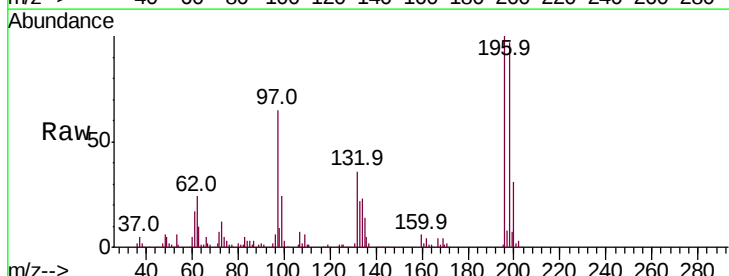
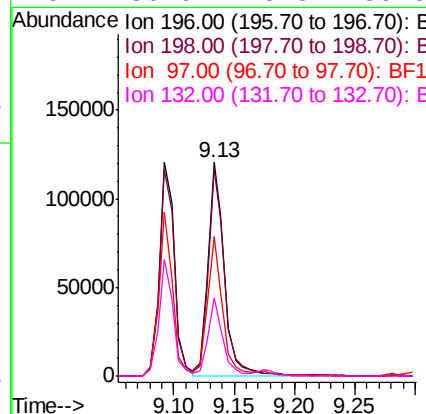
Instrument :
 BNA_F
 ClientSampleId :

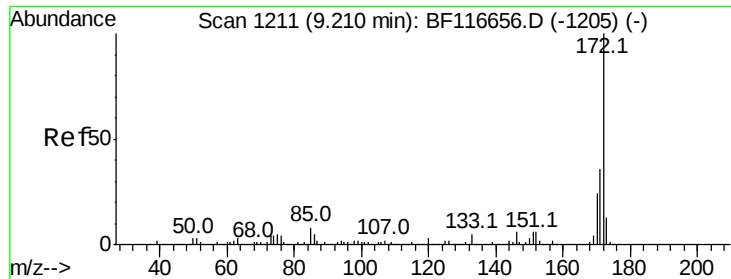
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	79.1	118.7
200	29.3	24.0	36.0



#44
 2,4,5-Trichlorophenol
 Concen: 49.772 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	78.1	117.1
97	65.3	41.6	62.4#
132	36.5	23.5	35.3#

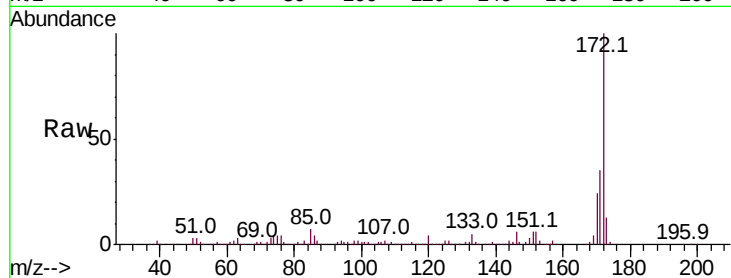




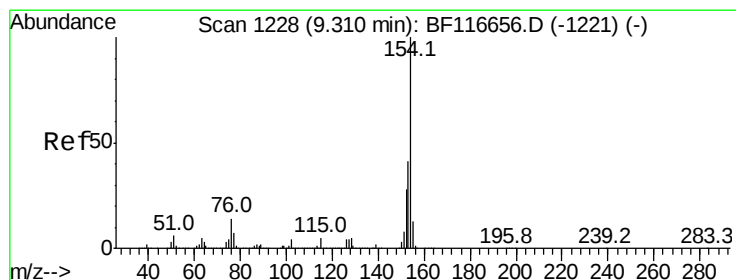
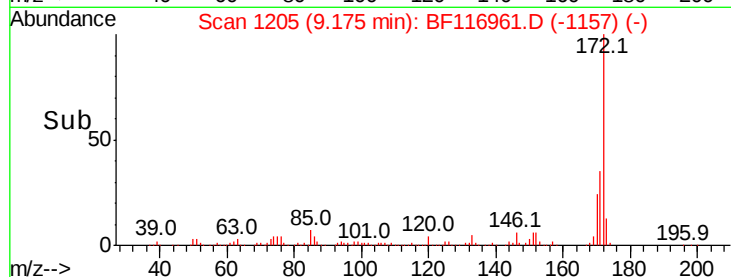
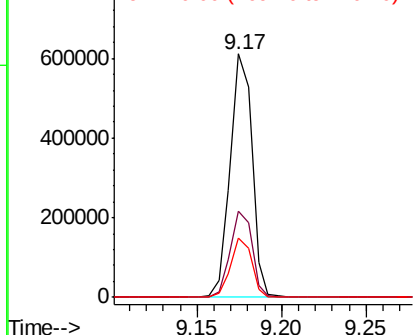
#45
2-Fluorobiphenyl
Concen: 68.966 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 550046
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 24.2 18.9 28.3

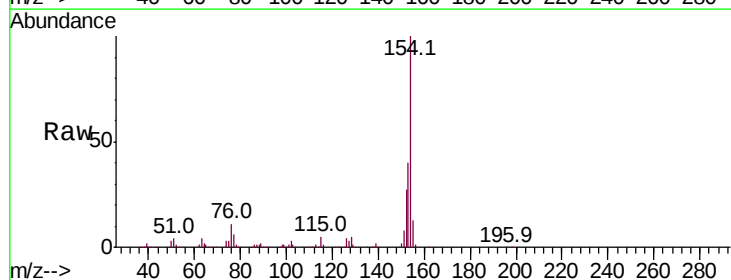


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

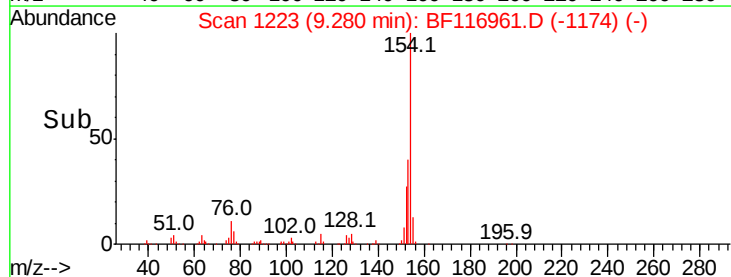
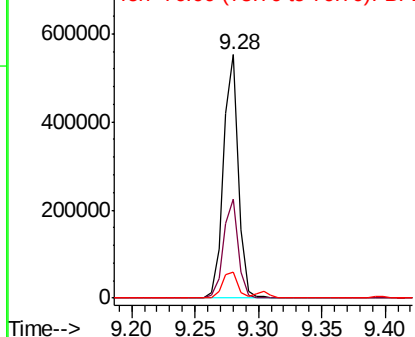


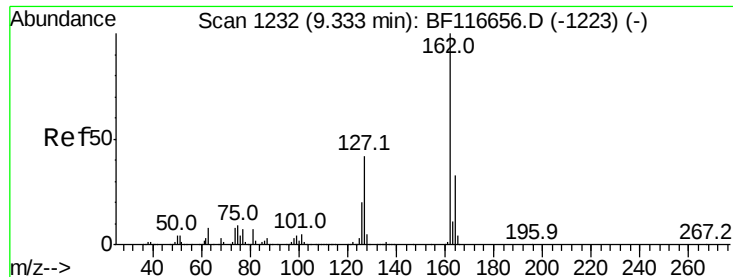
#46
1,1'-Biphenyl
Concen: 44.453 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion:154 Resp: 453820
Ion Ratio Lower Upper
154 100
153 40.5 21.2 61.2
76 10.7 0.0 30.9



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

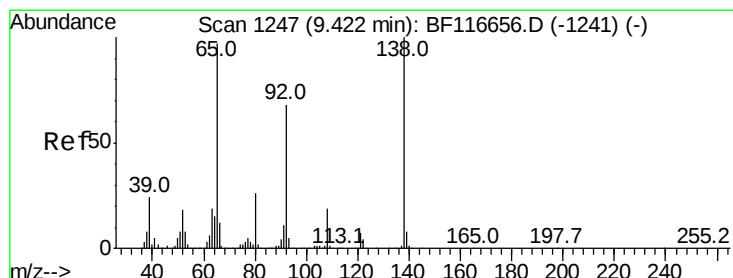
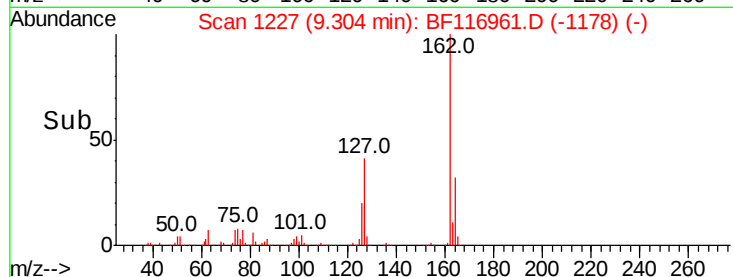
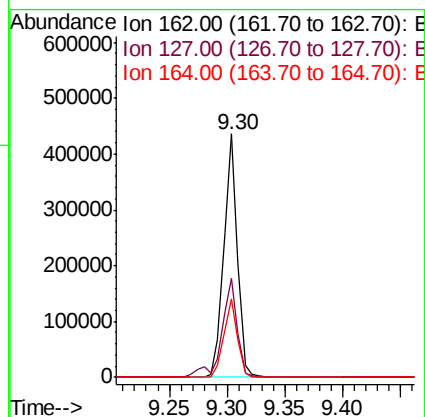
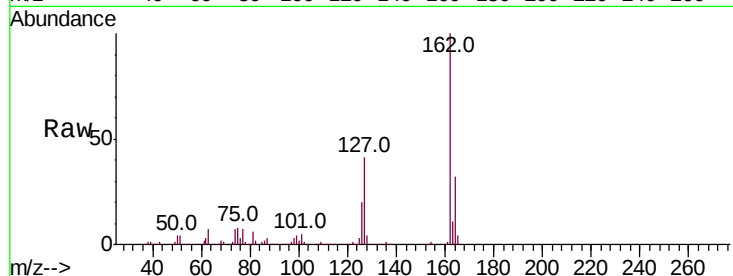




#47
2-Chloronaphthalene
Concen: 44.173 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

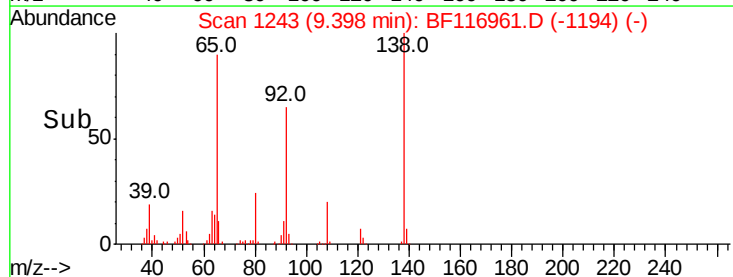
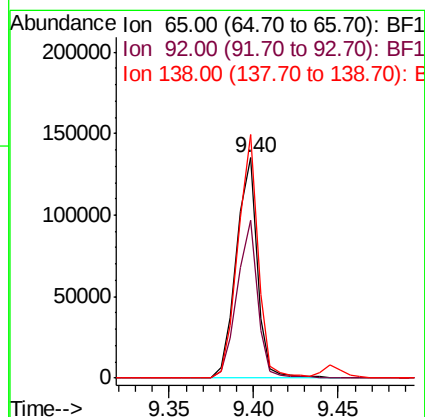
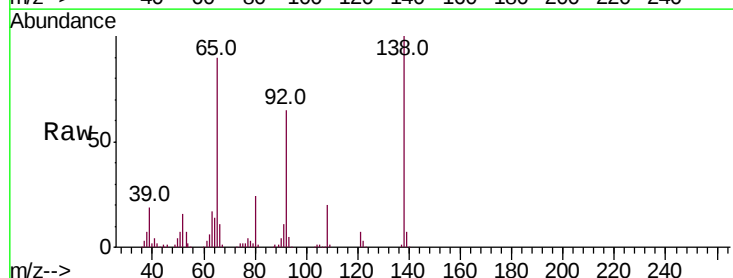
Instrument :
BNA_F
ClientSampled :

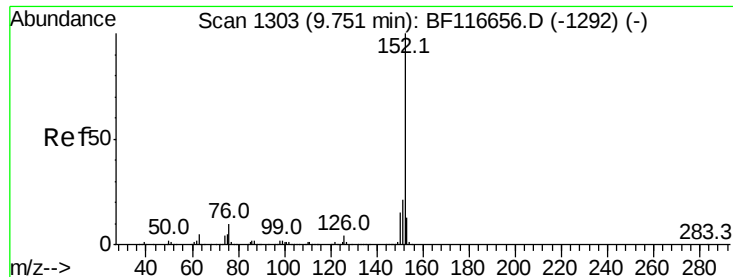
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.4	50.2
164	32.4	26.6	39.8



#48
2-Nitroaniline
Concen: 50.184 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.5	57.1	85.7
138	110.6	88.2	132.2





#49

Acenaphthylene

Concen: 46.477 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

ClientSampleId :

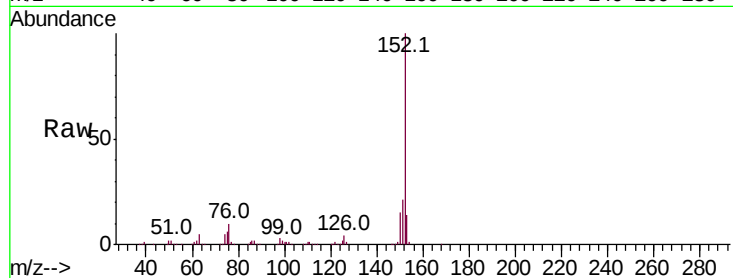
Tot Ion:152 Resp: 568082

Ion Ratio Lower Upper

152 100

151 20.8 15.9 23.9

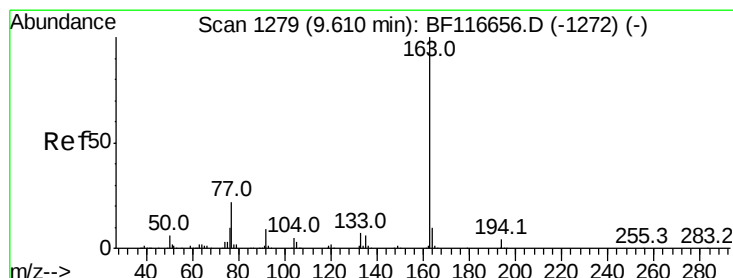
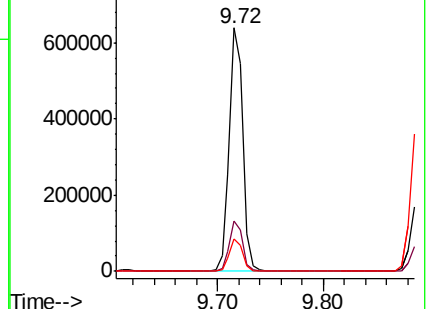
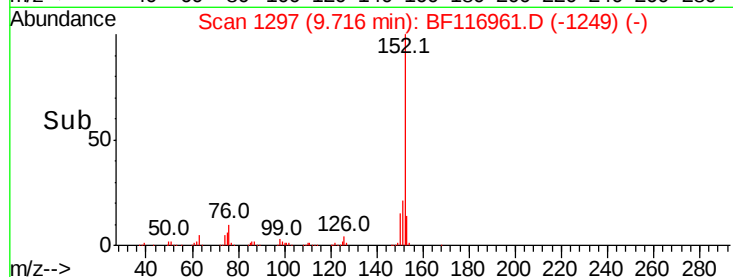
153 13.6 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 55.248 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

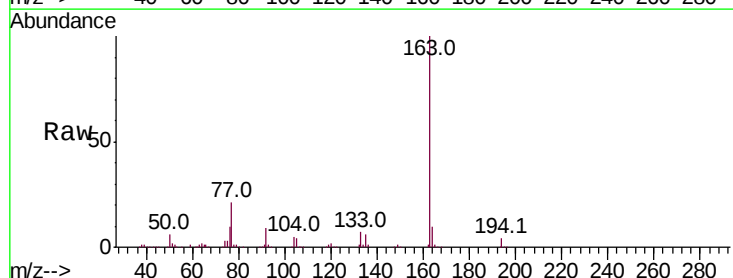
Tgt Ion:163 Resp: 513179

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

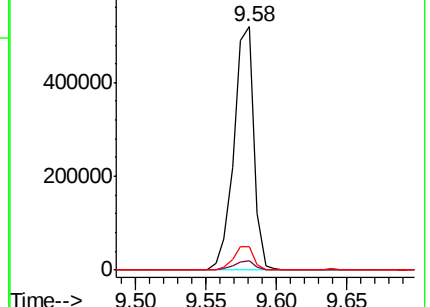
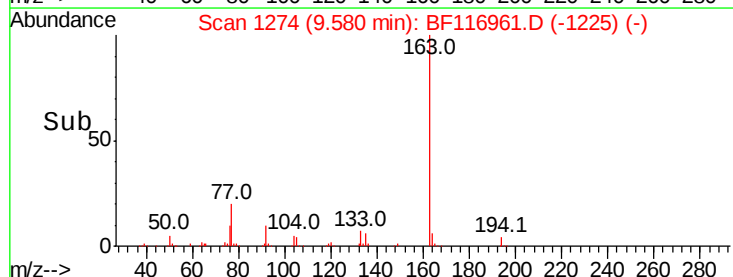
164 9.8 8.6 12.8

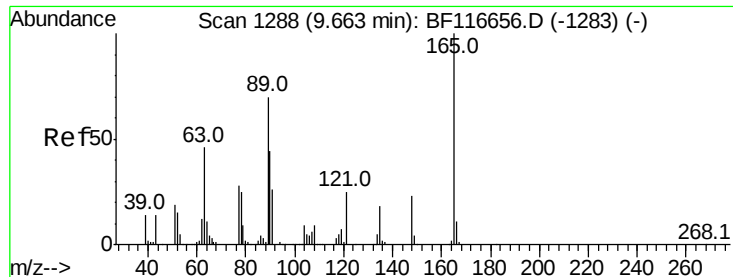


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 52.927 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

ClientSampled :

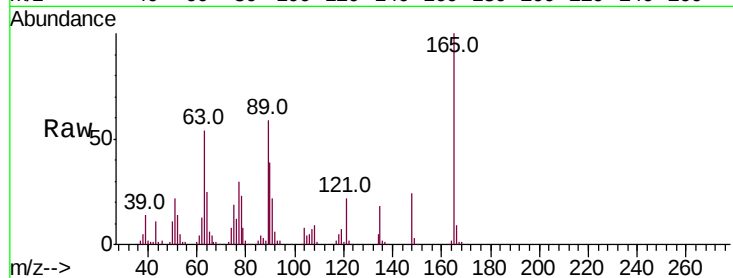
Tot Ion:165 Resp: 93798

Ion Ratio Lower Upper

165 100

63 53.7 47.3 70.9

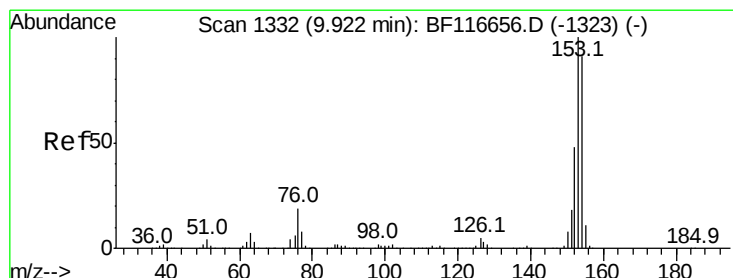
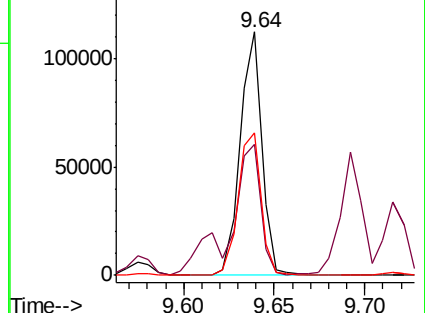
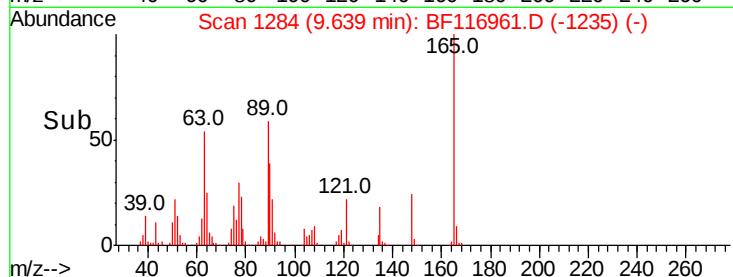
89 58.7 52.5 78.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 44.569 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

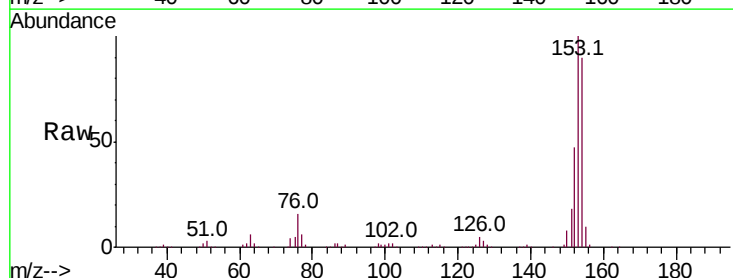
Tgt Ion:154 Resp: 334723

Ion Ratio Lower Upper

154 100

153 111.0 89.5 134.3

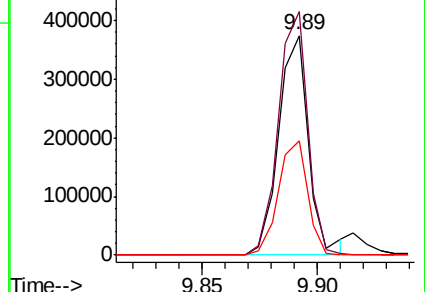
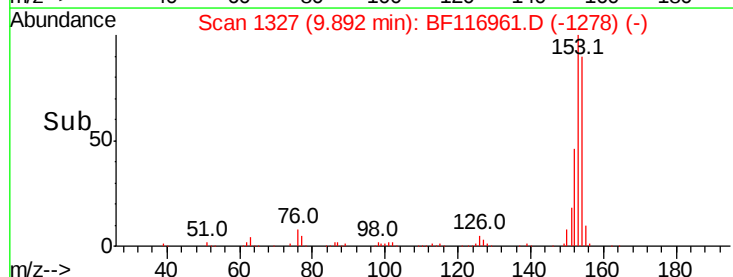
152 51.9 41.9 62.9

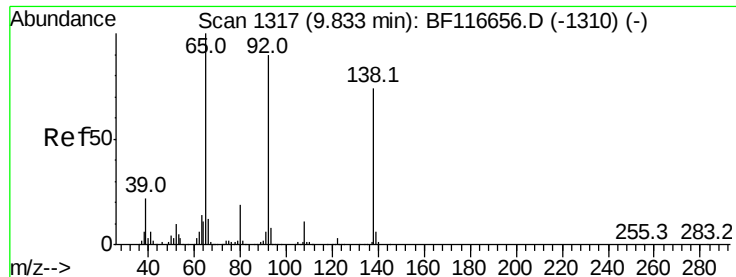


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

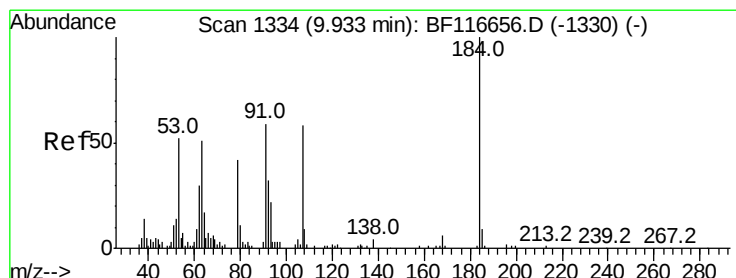
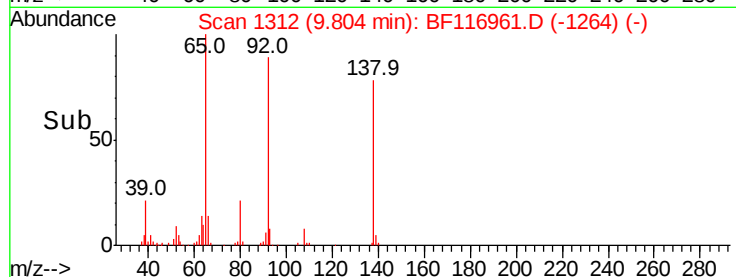
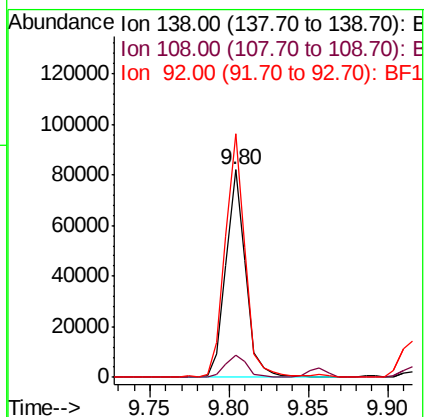
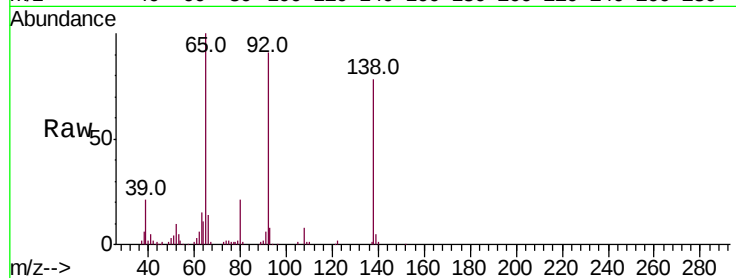




#53
3-Nitroaniline
Concen: 31.802 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

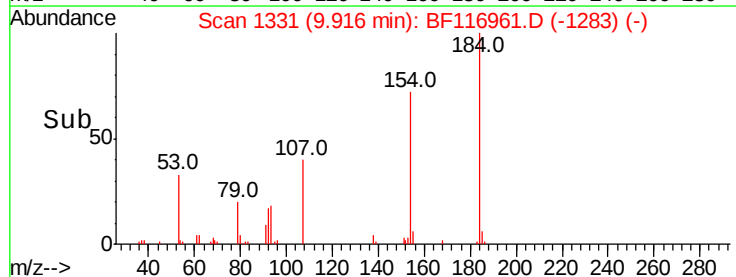
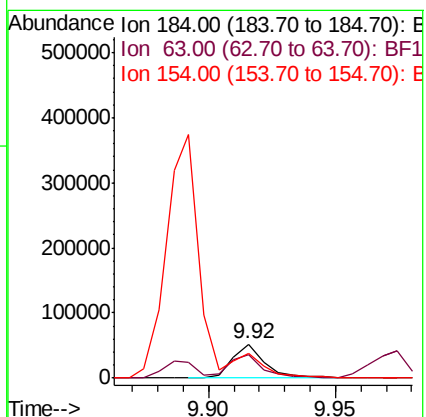
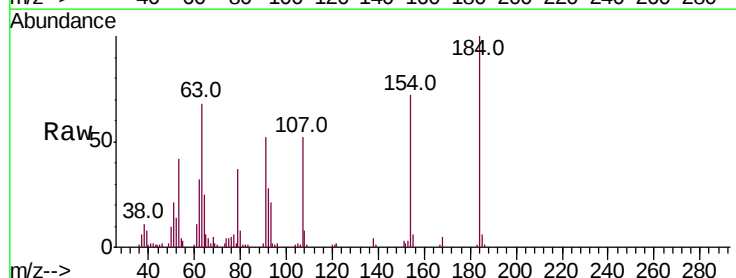
Instrument :
BNA_F
ClientSampleId :

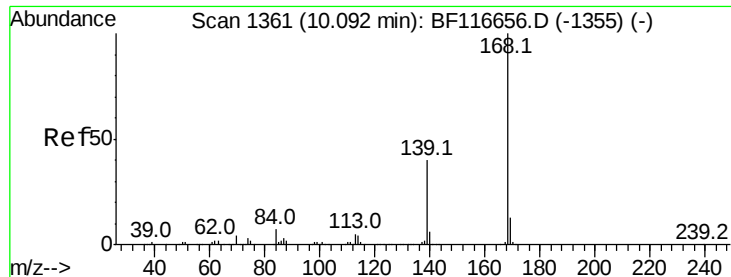
Tot Ion:138 Resp: 70629
Ion Ratio Lower Upper
138 100
108 10.8 8.5 12.7
92 117.3 87.2 130.8



#54
2,4-Dinitrophenol
Concen: 73.950 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion:184 Resp: 46017
Ion Ratio Lower Upper
184 100
63 68.4 52.2 78.2
154 71.9 60.8 91.2





#55

Dibenzofuran

Concen: 47.457 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

ClientSampleId :

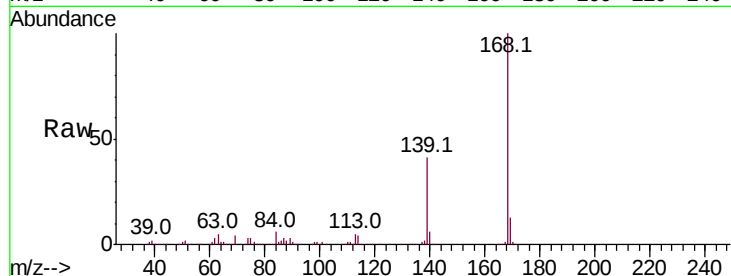
Tot Ion:168 Resp: 502441

Ion Ratio Lower Upper

168 100

139 41.2 31.5 47.3

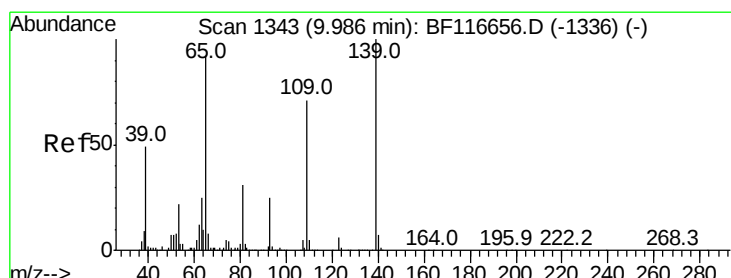
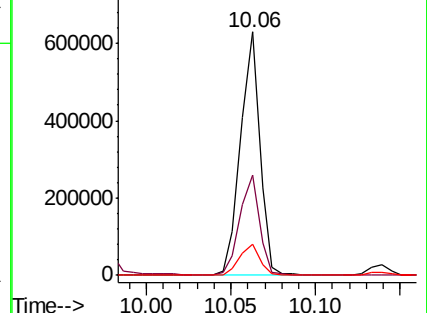
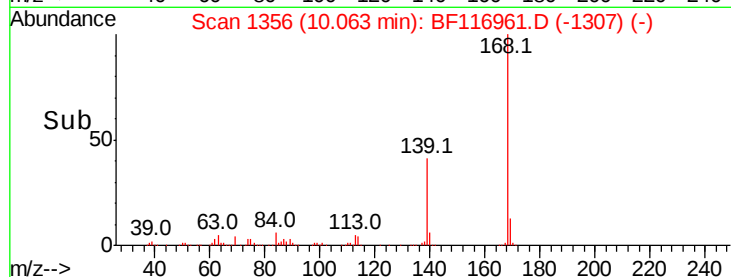
169 12.6 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 103.205 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

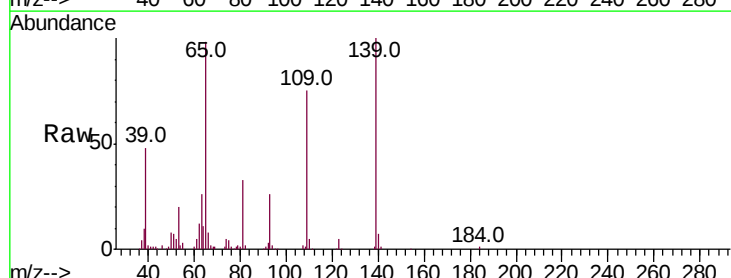
Tgt Ion:139 Resp: 157164

Ion Ratio Lower Upper

139 100

109 74.8 61.7 101.7

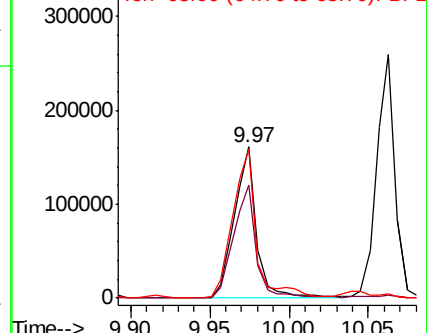
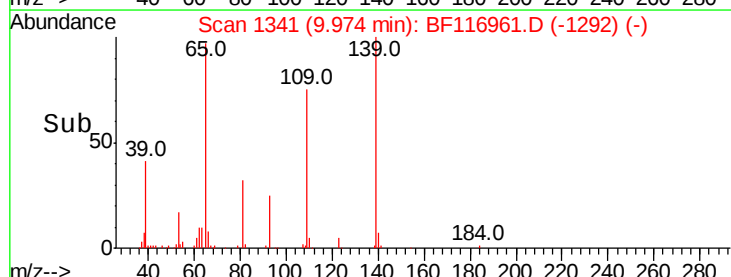
65 98.2 89.1 129.1

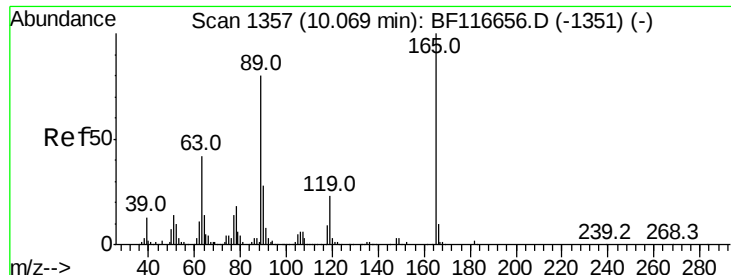


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

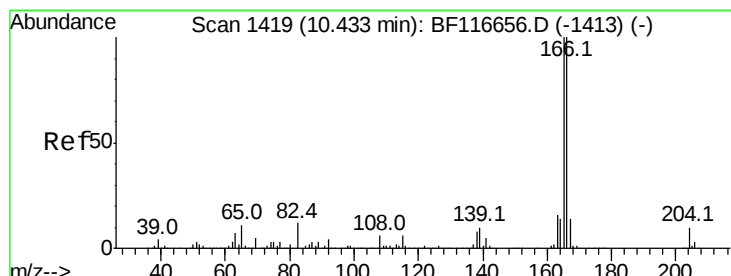
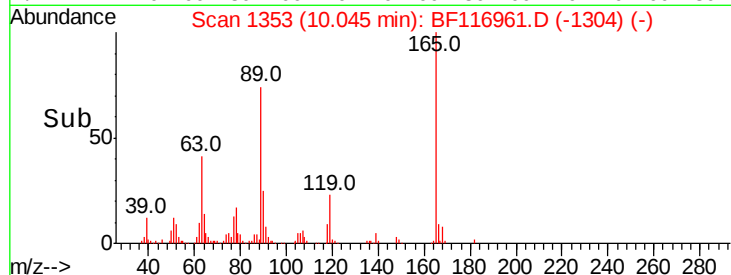
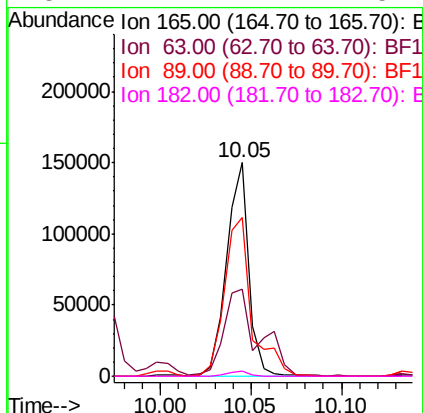
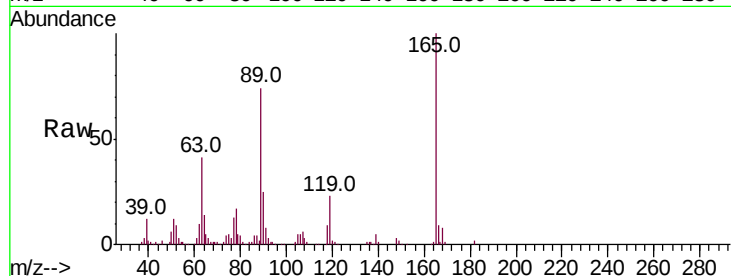




#57
 2,4-Dinitrotoluene
 Concen: 58.824 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

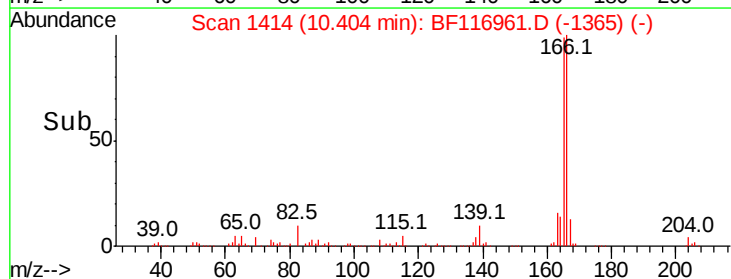
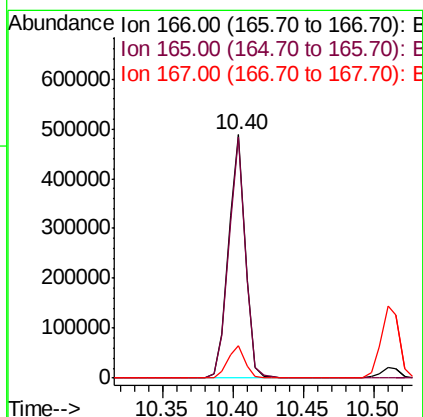
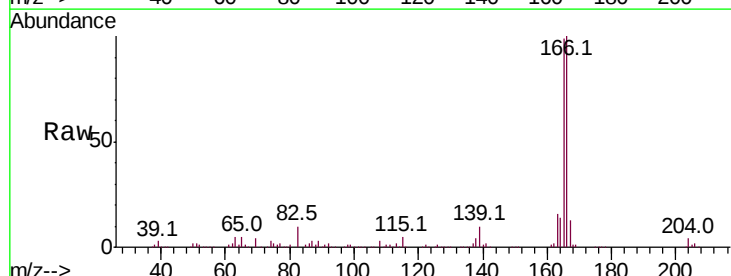
Instrument :
 BNA_F
 ClientSampleId :

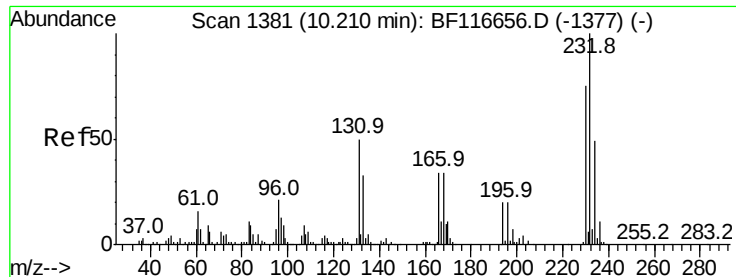
Tot Ion:165	Resp:	127470
Ion Ratio	Lower	Upper
165	100	
63	40.8	36.4 54.6
89	74.3	62.6 94.0
182	2.4	2.1 3.1



#58
 Fluorene
 Concen: 49.962 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

Tgt Ion:166	Resp:	403046
Ion Ratio	Lower	Upper
166	100	
165	99.0	78.8 118.2
167	13.5	10.0 15.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.174 ng

RT: 10.18 min Scan# 1376

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 84770

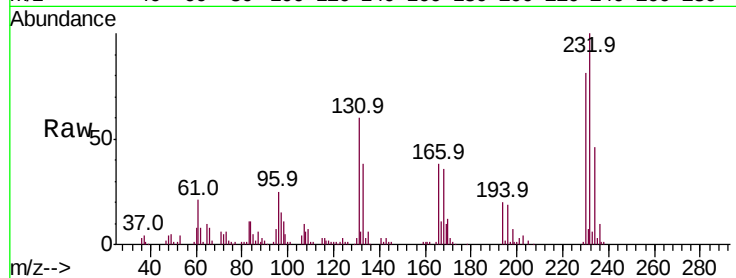
Ion Ratio Lower Upper

232 100

131 60.5 42.7 64.1

130 2.6 1.9 2.9

166 37.5 27.4 41.2

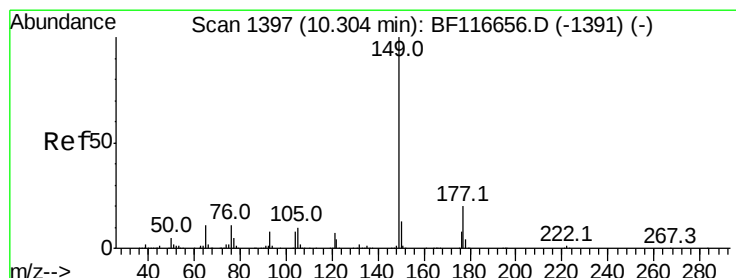
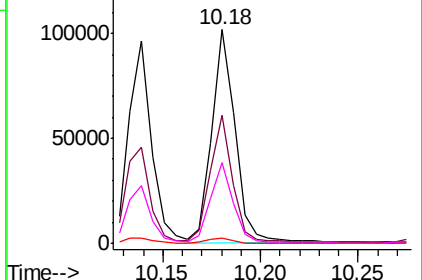
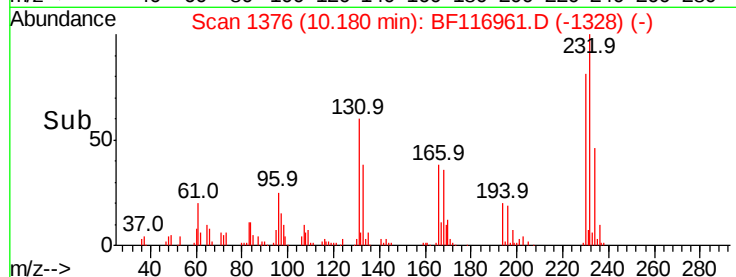


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 46.869 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

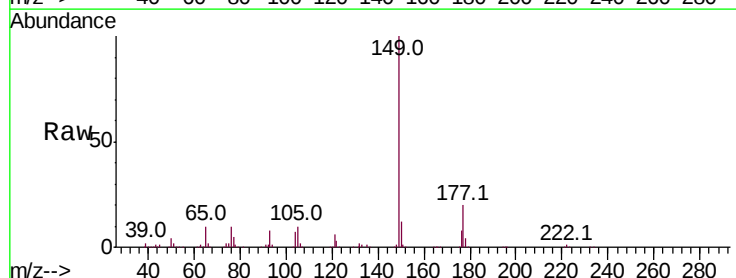
Tgt Ion:149 Resp: 436085

Ion Ratio Lower Upper

149 100

177 19.7 17.2 25.8

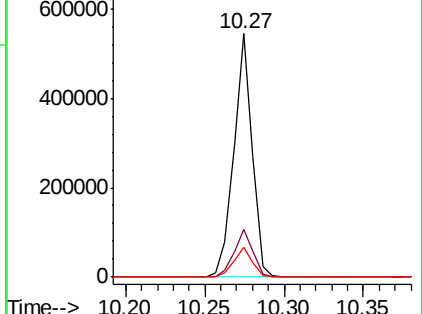
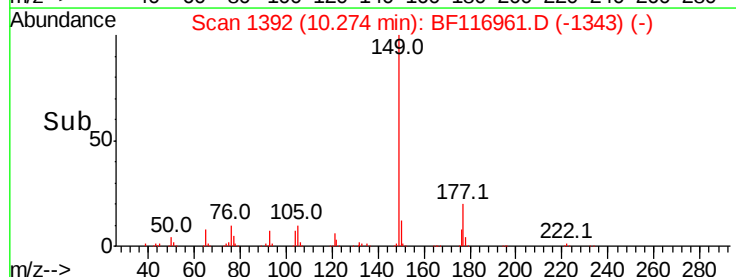
150 12.5 9.7 14.5

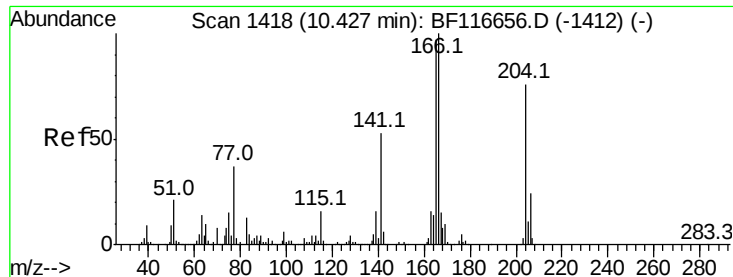


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

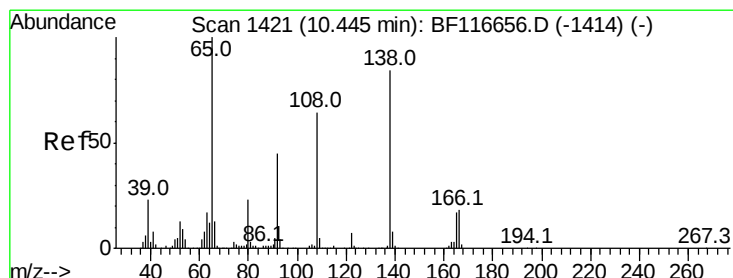
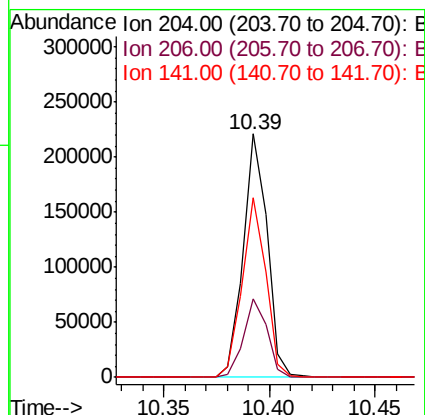
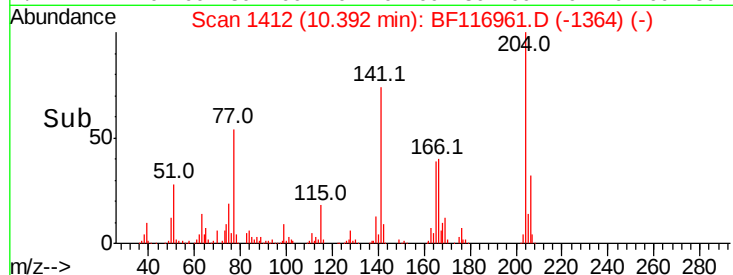
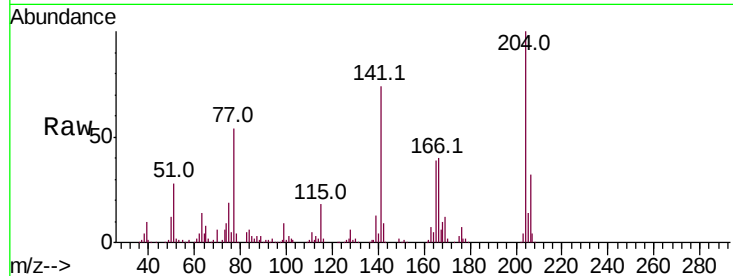




#61
4-Chlorophenyl-phenylether
Concen: 48.963 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

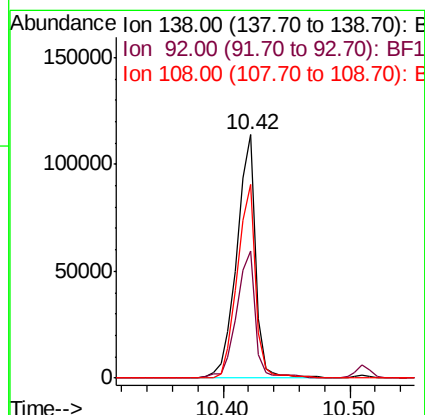
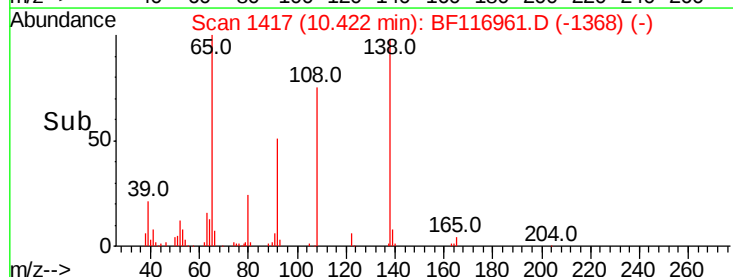
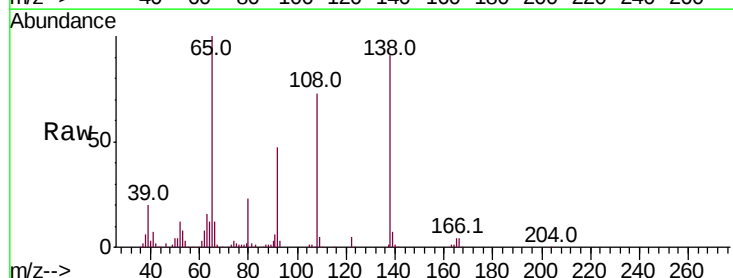
Instrument :
BNA_F
ClientSampled :

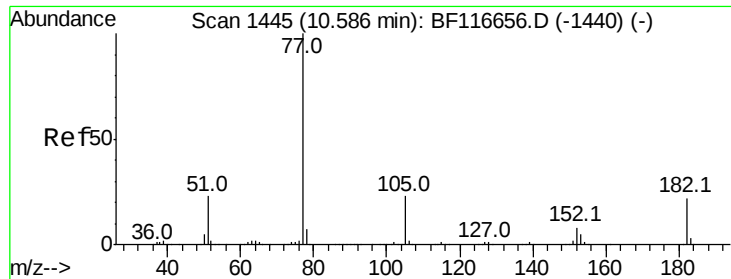
Tot Ion:204 Resp: 172963
Ion Ratio Lower Upper
204 100
206 32.1 25.4 38.2
141 74.0 53.8 80.8



#62
4-Nitroaniline
Concen: 54.015 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion:138 Resp: 116419
Ion Ratio Lower Upper
138 100
92 52.1 28.7 68.7
108 79.8 60.4 100.4

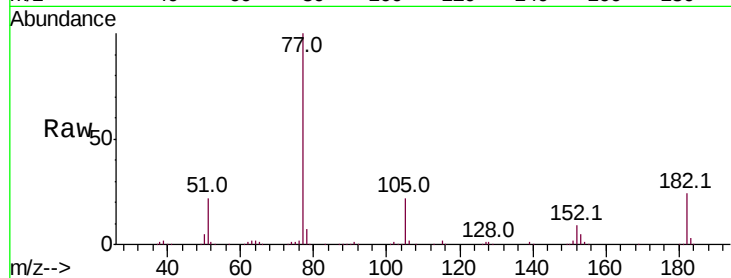




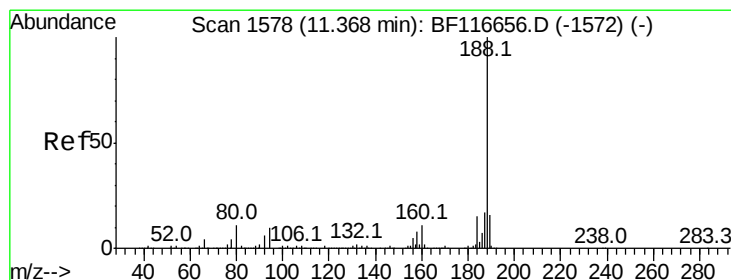
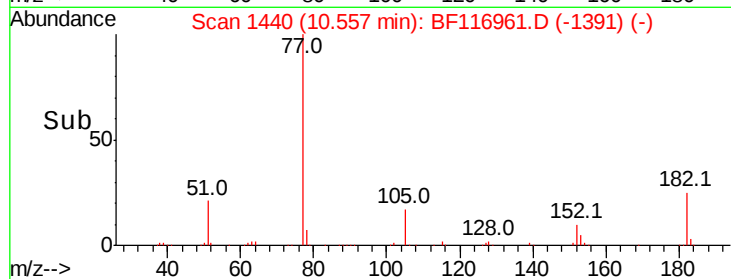
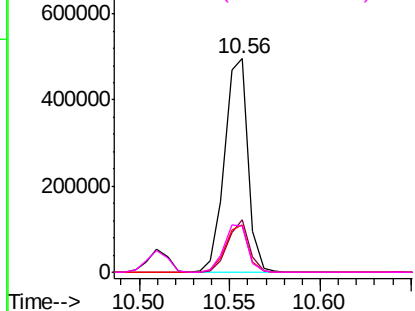
#63
Azobenzene
Concen: 46.249 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	448705
Ion	Ratio	Lower	Upper
77	100		
182	24.5	1.2	41.2
105	22.3	0.6	40.6
51	21.6	8.2	48.2

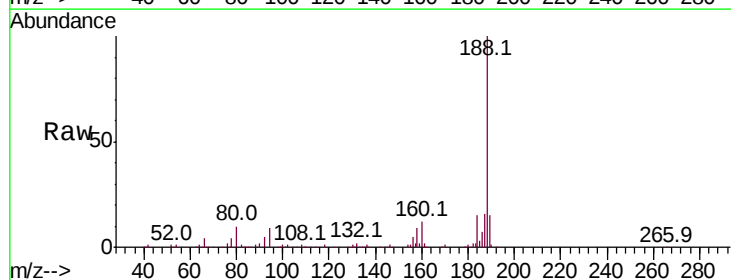


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

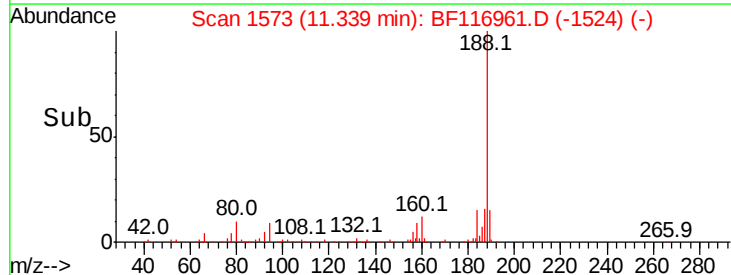
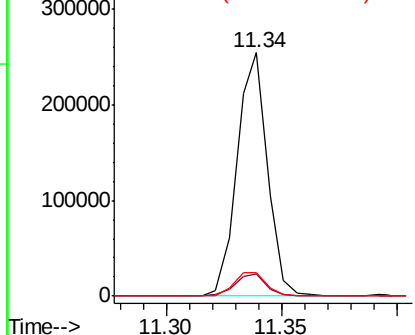


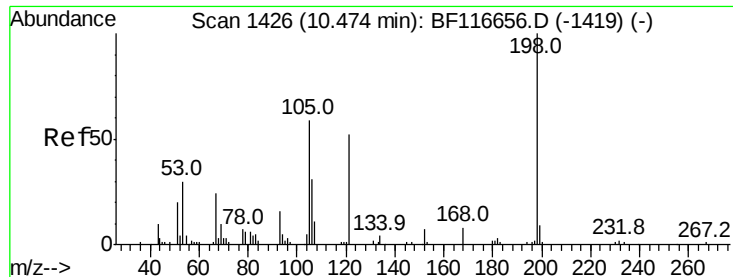
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion:	188	Resp:	233423
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.3	10.9
80	9.6	8.4	12.6



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





#65

4,6-Dinitro-2-methylphenol

Concen: 48.298 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

ClientSampled :

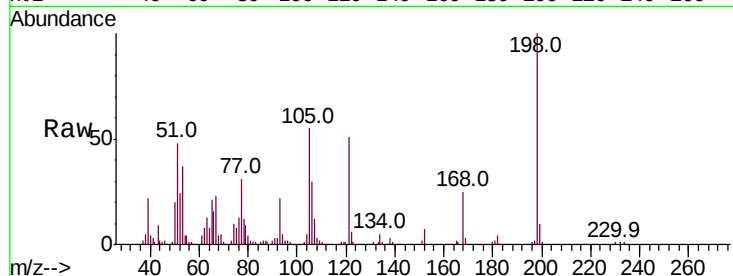
Tot Ion:198 Resp: 41568

Ion Ratio Lower Upper

198 100

51 47.9 18.4 58.4

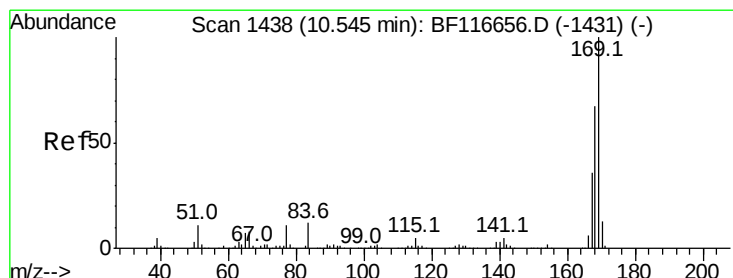
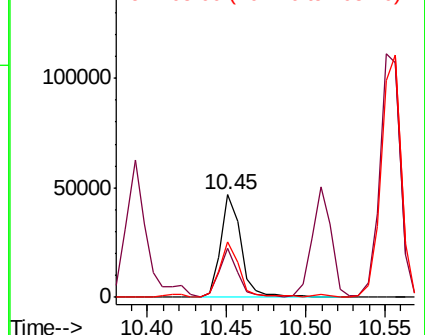
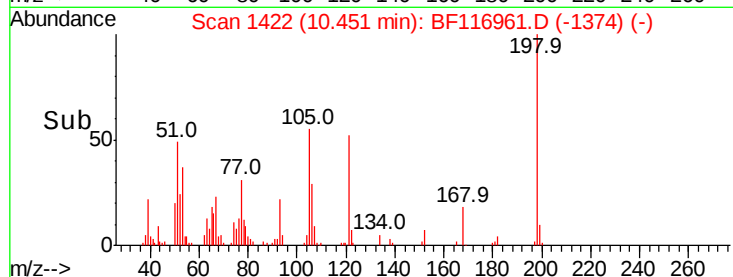
105 54.6 22.9 62.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.340 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

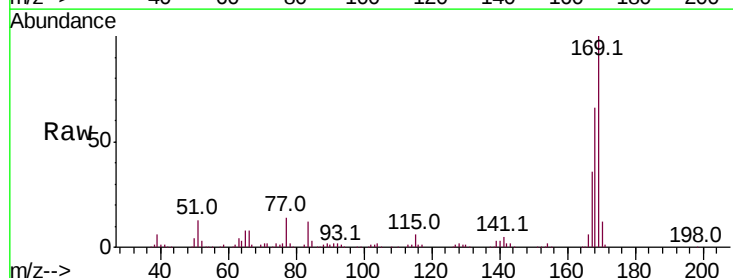
Tgt Ion:169 Resp: 358040

Ion Ratio Lower Upper

169 100

168 65.6 55.8 83.6

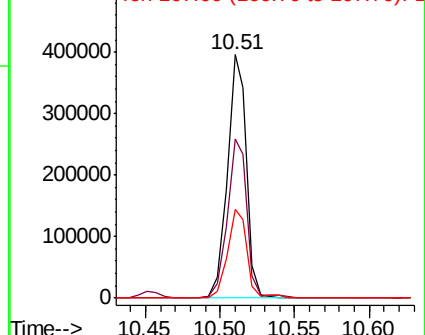
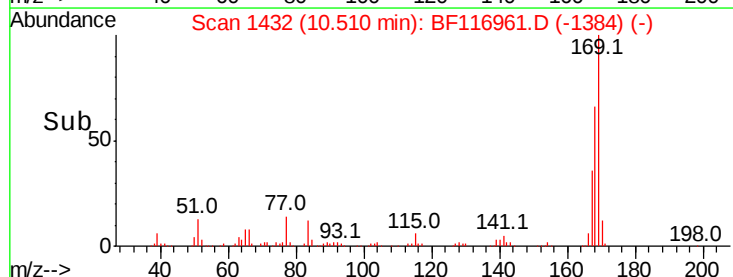
167 36.3 29.4 44.2

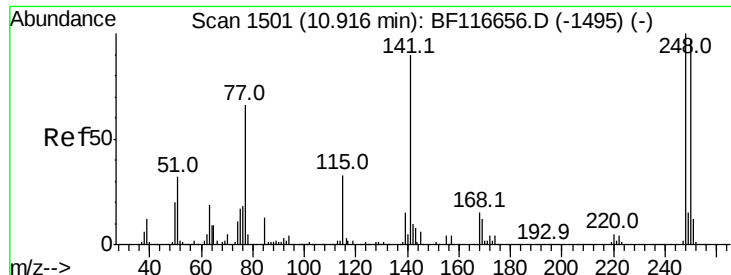


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

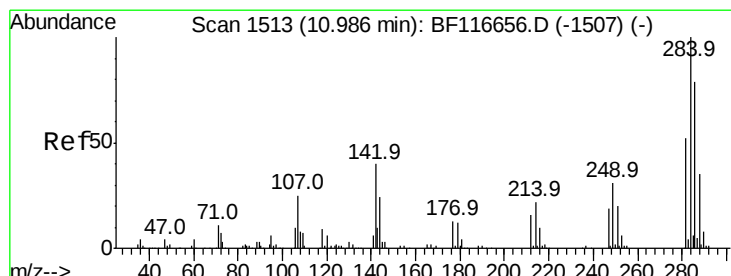
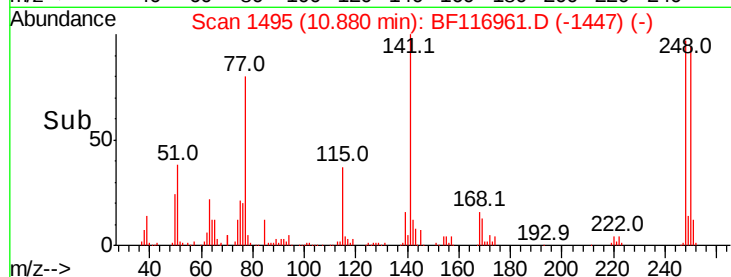
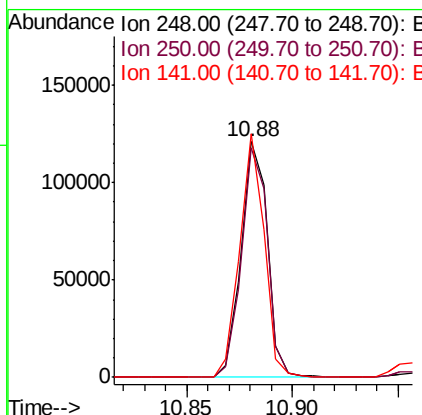
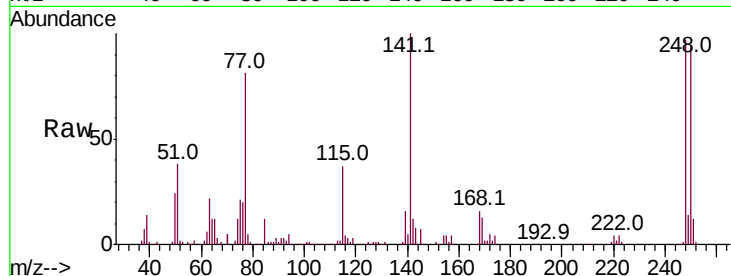




#67
 4-Bromophenyl-phenylether
 Concen: 43.936 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.02 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

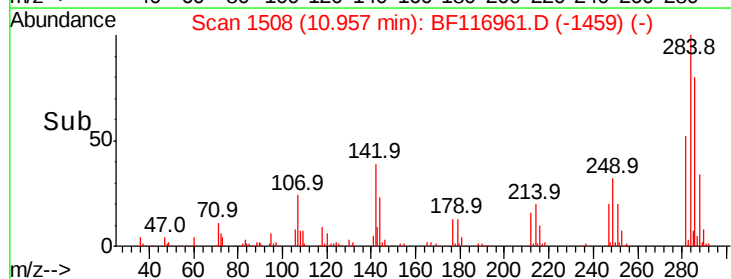
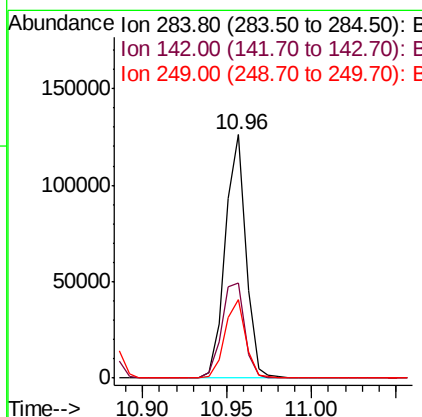
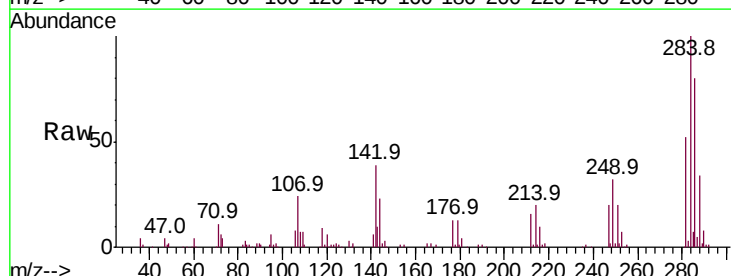
Instrument :
 BNA_F
 ClientSampleId :

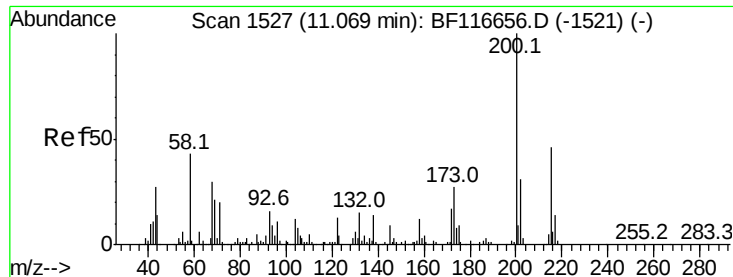
Tot Ion:248 Resp: 104183
 Ion Ratio Lower Upper
 248 100
 250 97.7 77.8 116.8
 141 103.4 75.9 113.9



#68
 Hexachlorobenzene
 Concen: 43.379 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

Tgt Ion:284 Resp: 107622
 Ion Ratio Lower Upper
 284 100
 142 39.2 34.0 51.0
 249 32.5 26.4 39.6

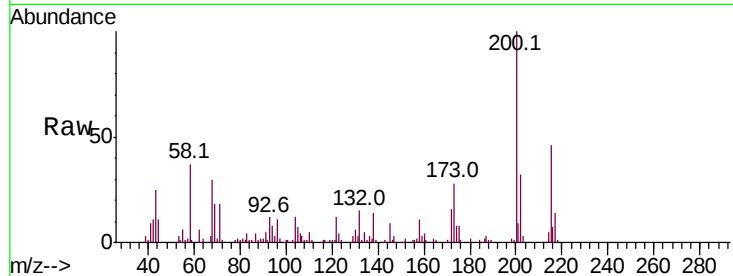




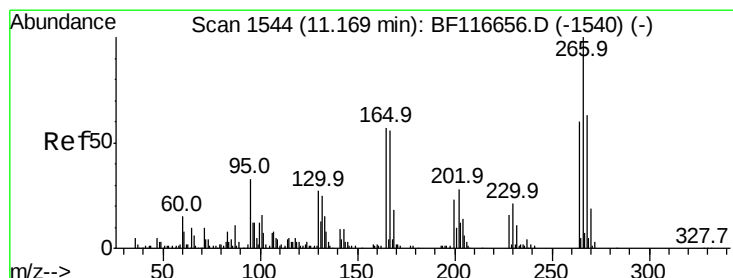
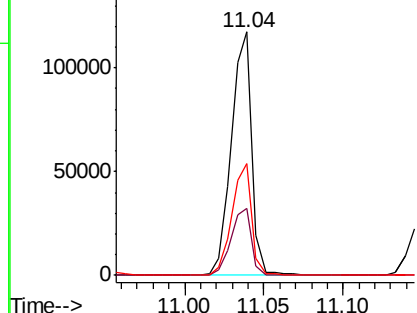
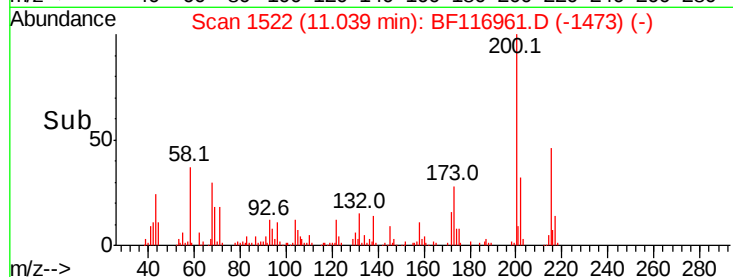
#69
Atrazine
Concen: 46.159 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 104391
Ion Ratio Lower Upper
200 100
173 27.7 6.2 46.2
215 45.7 24.3 64.3

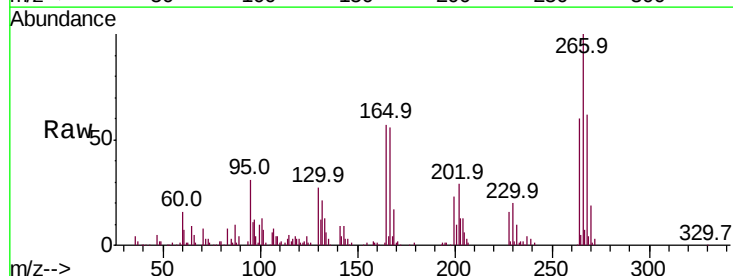


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

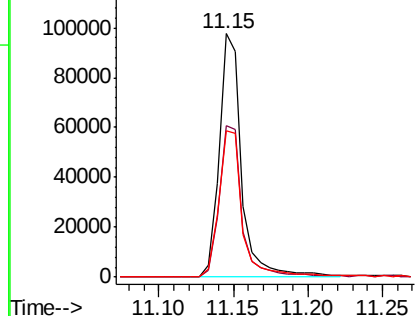
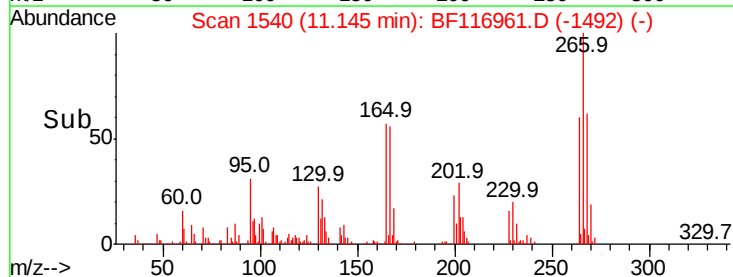


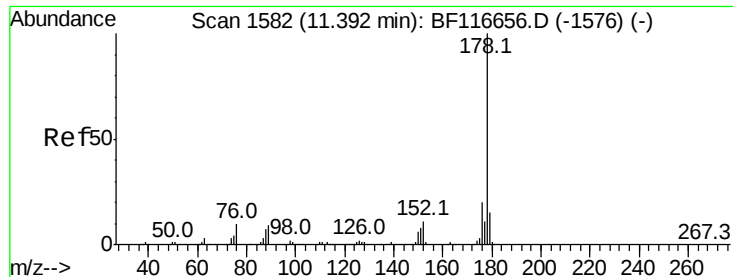
#70
Pentachlorophenol
Concen: 85.754 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion:266 Resp: 102918
Ion Ratio Lower Upper
266 100
268 62.1 51.2 76.8
264 60.0 51.9 77.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

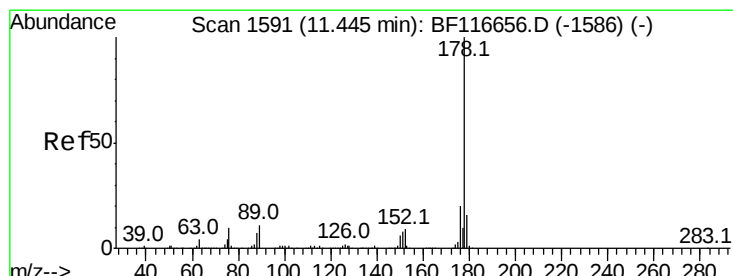
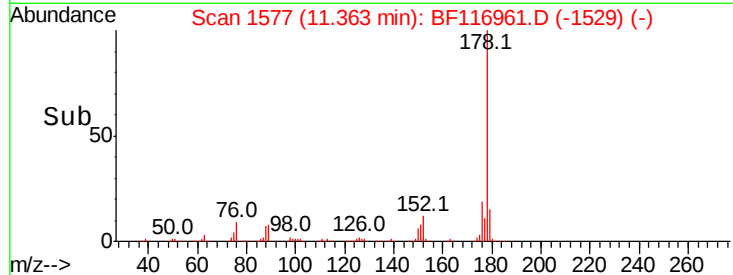
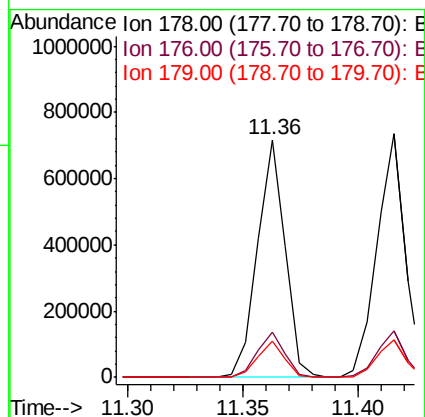
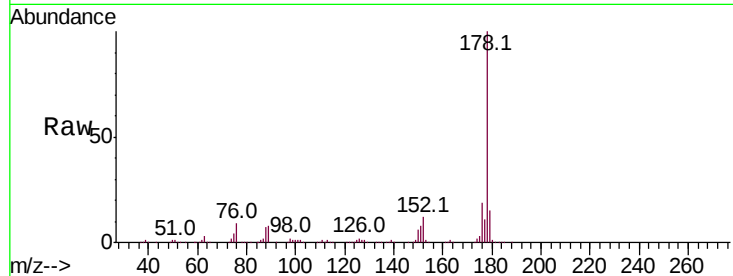




#71
Phenanthrene
Concen: 46.244 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

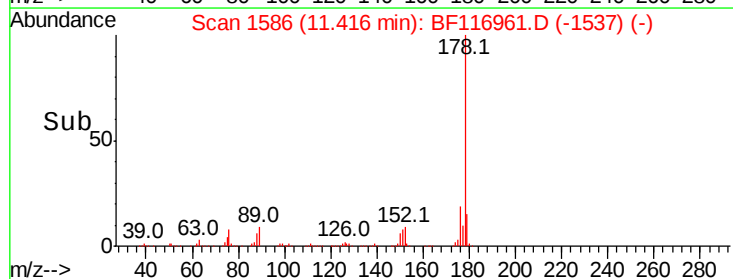
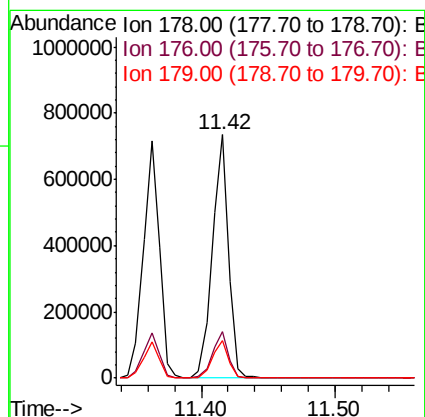
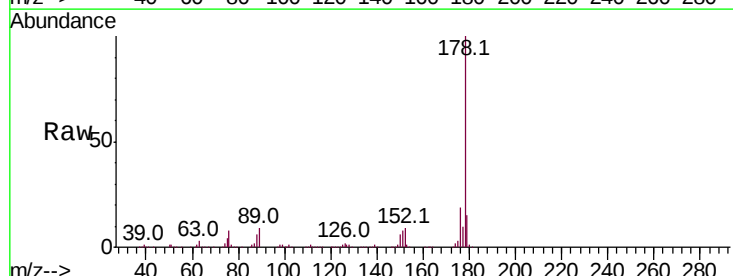
Instrument :
BNA_F
ClientSampleId :

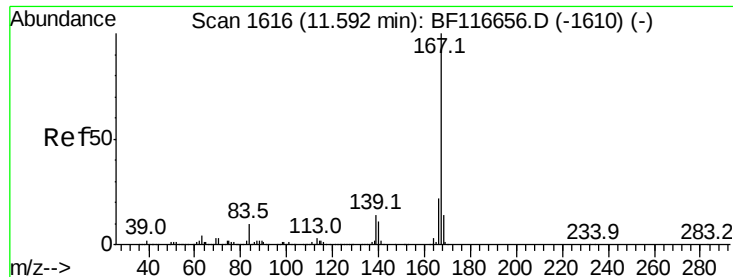
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.3	12.2	18.2



#72
Anthracene
Concen: 47.382 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.5	12.5	18.7

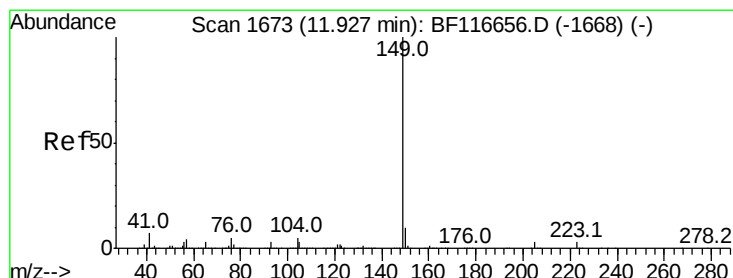
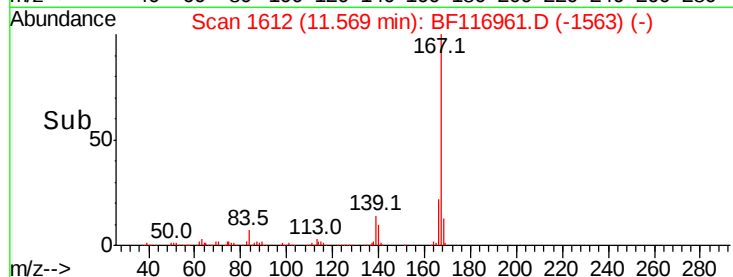
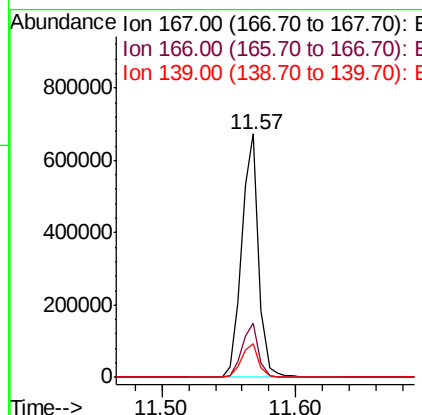
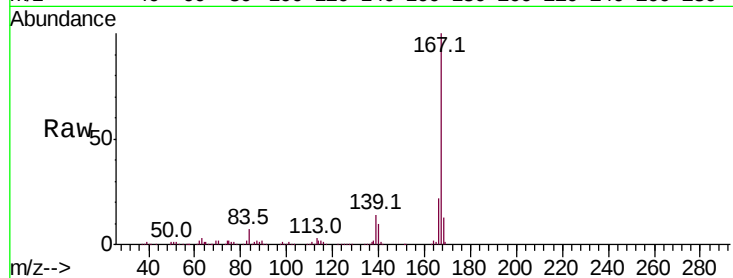




#73
 Carbazole
 Concen: 47.859 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

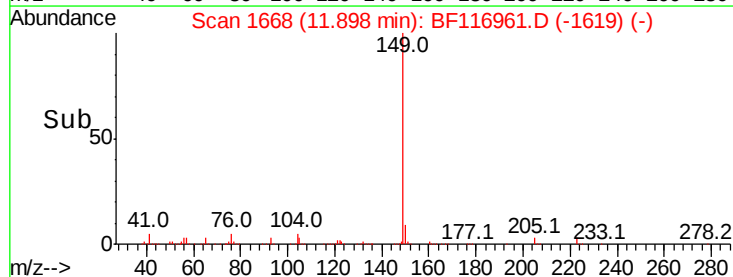
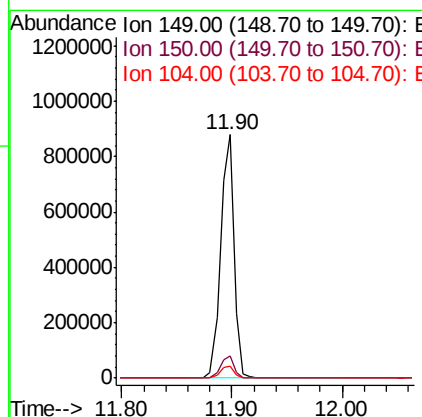
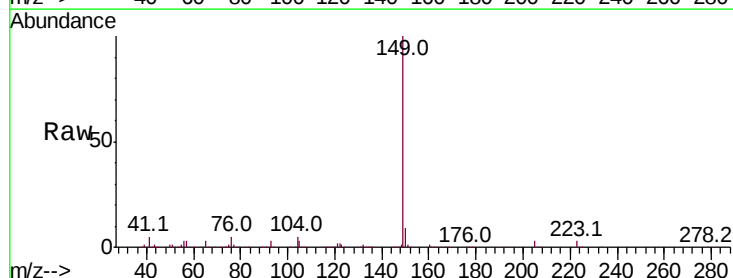
Instrument :
 BNA_F
 ClientSampleId :

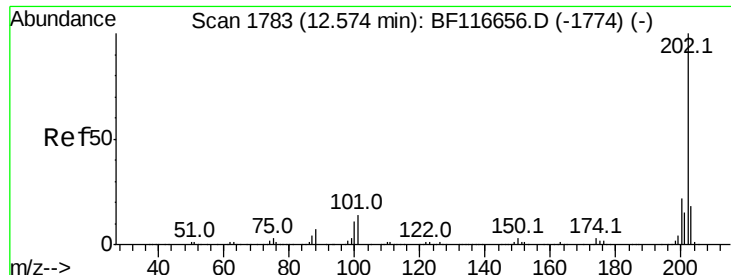
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	13.6	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 46.244 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	4.9	4.2	6.2

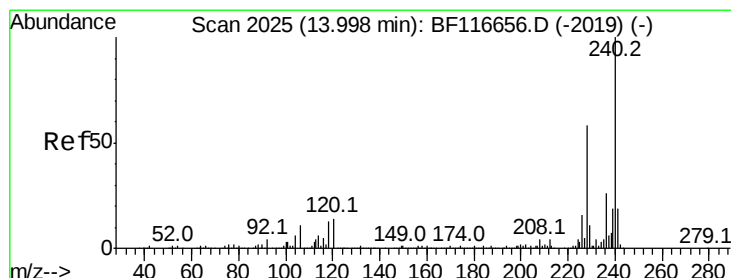
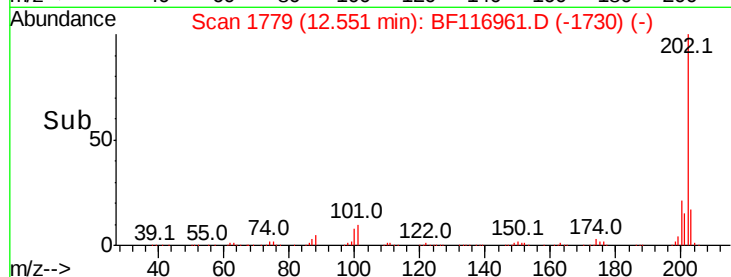
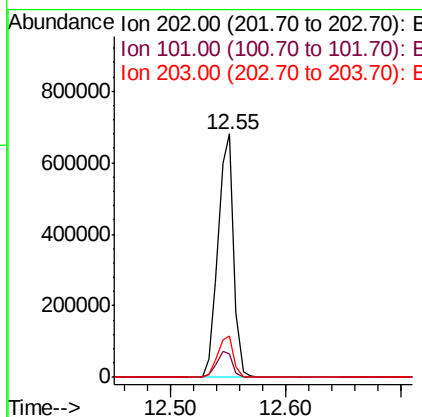
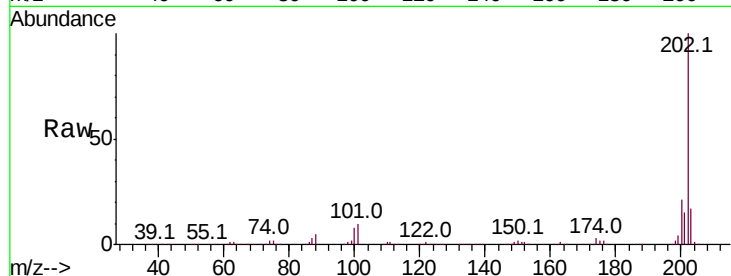




#75
 Fluoranthene
 Concen: 50.119 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

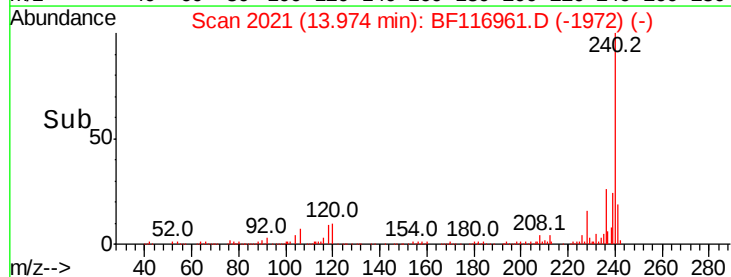
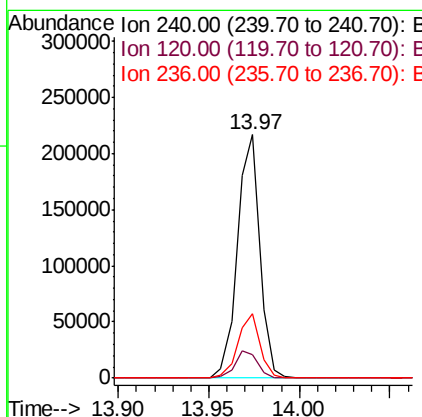
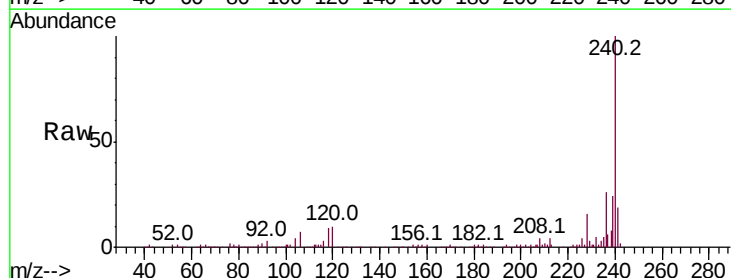
Instrument :
 BNA_F
 ClientSampled :

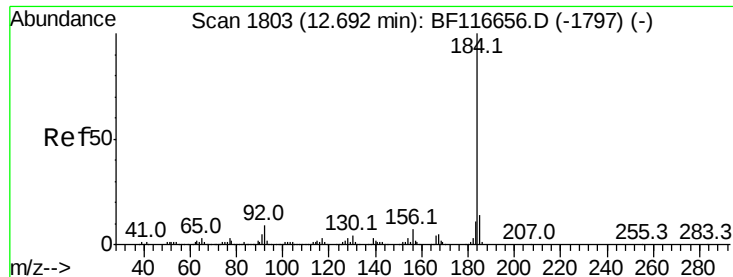
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	31.3
203	17.2	0.0	37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.1	13.7
236	26.5	21.1	31.7





#77

Benzidine

Concen: 36.090 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.02 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

ClientSampleId :

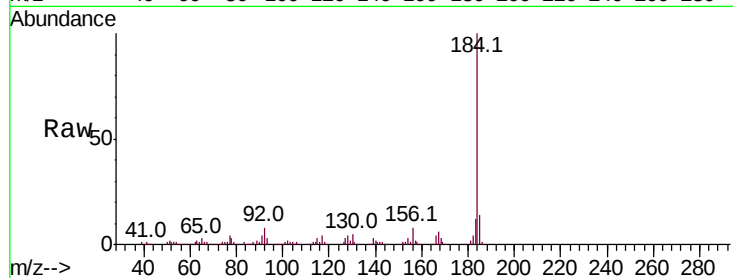
Tot Ion:184 Resp: 263384

Ion Ratio Lower Upper

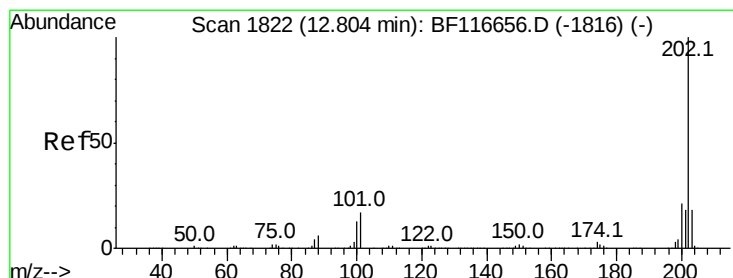
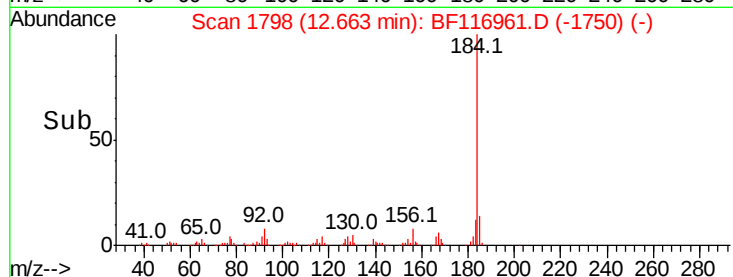
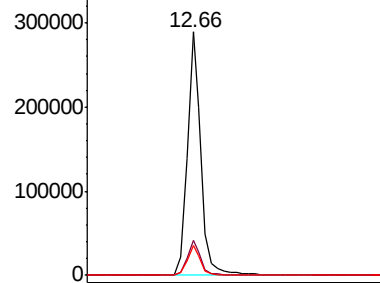
184 100

185 14.1 11.3 16.9

183 12.0 9.2 13.8



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



#78

Pyrene

Concen: 39.508 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

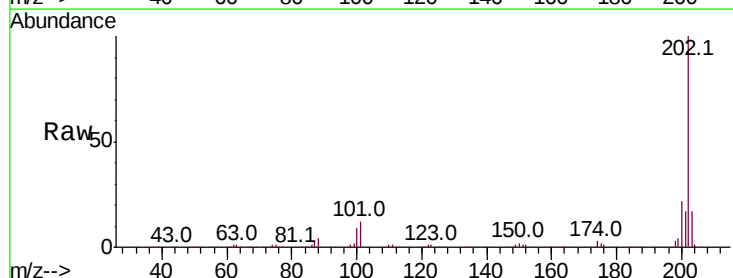
Tgt Ion:202 Resp: 653468

Ion Ratio Lower Upper

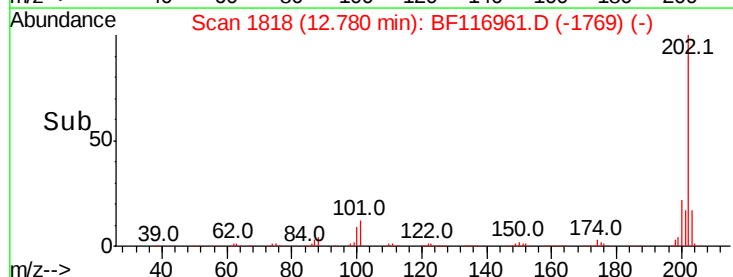
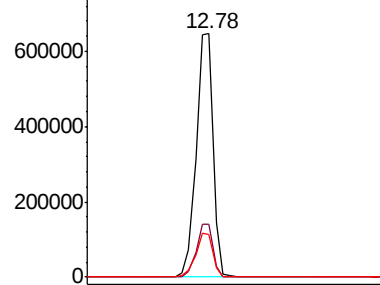
202 100

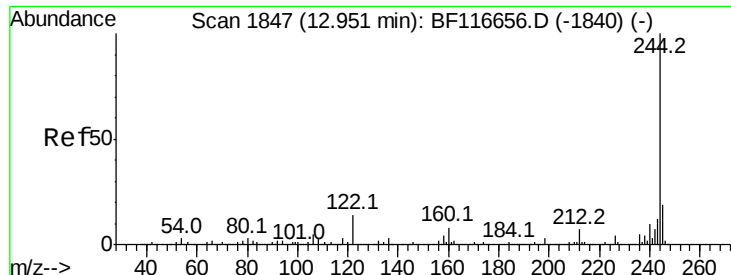
200 21.5 16.5 24.7

203 17.4 13.7 20.5



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

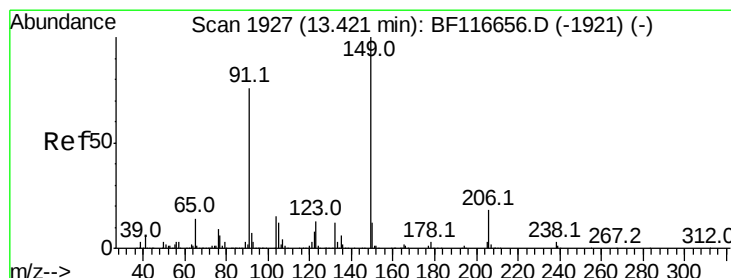
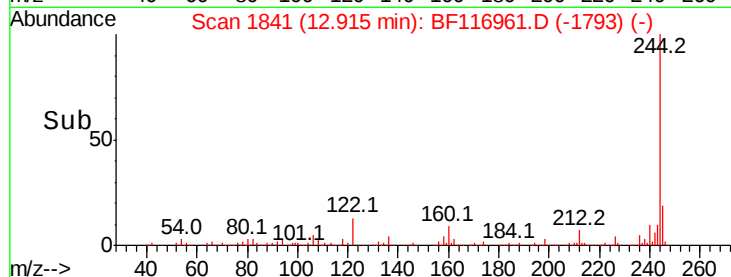
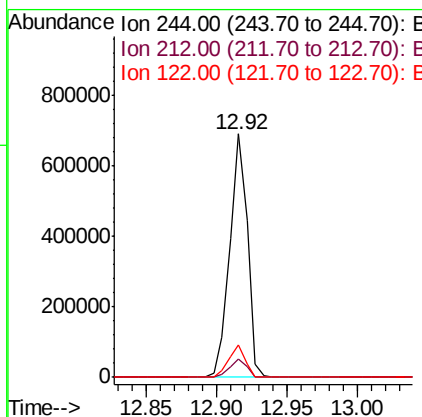
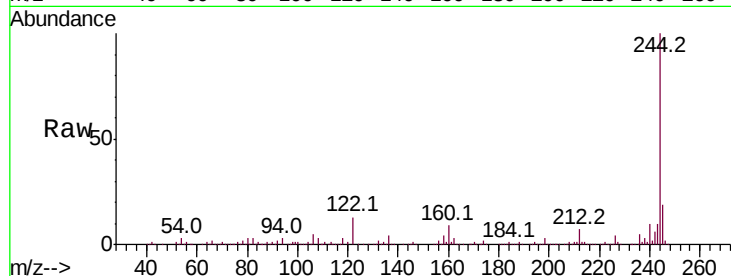




#79
 Terphenyl-d14
 Concen: 59.893 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.02 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

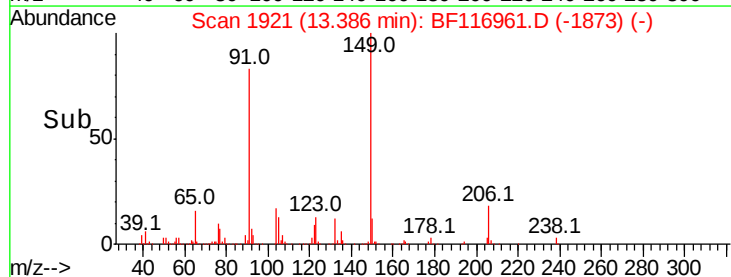
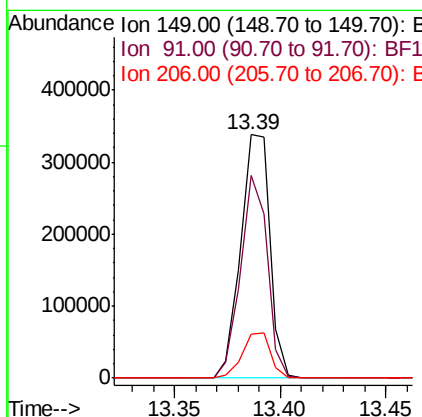
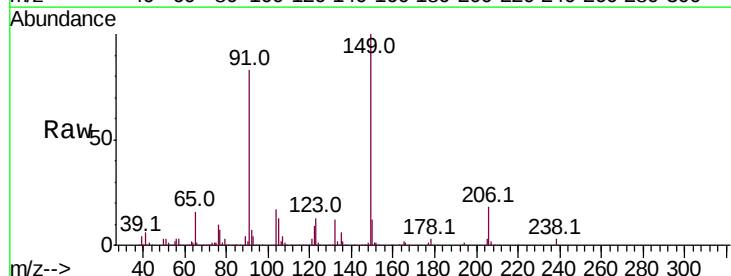
Instrument :
 BNA_F
 ClientSampleId :

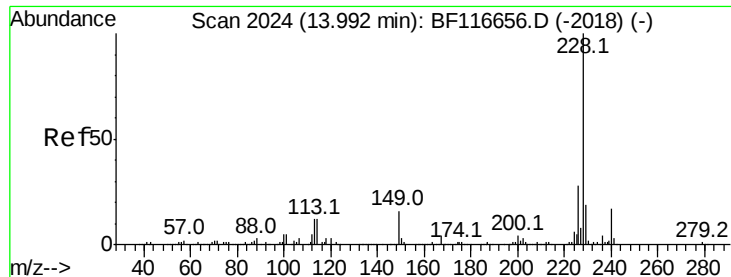
Tot Ion:244 Resp: 602407
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 13.4 10.2 15.4



#80
 Butylbenzylphthalate
 Concen: 40.410 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.02 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

Tgt Ion:149 Resp: 325040
 Ion Ratio Lower Upper
 149 100
 91 83.3 61.0 91.4
 206 18.1 14.8 22.2





#81

Benzo(a)anthracene

Concen: 46.183 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

Instrument :

BNA_F

ClientSampleId :

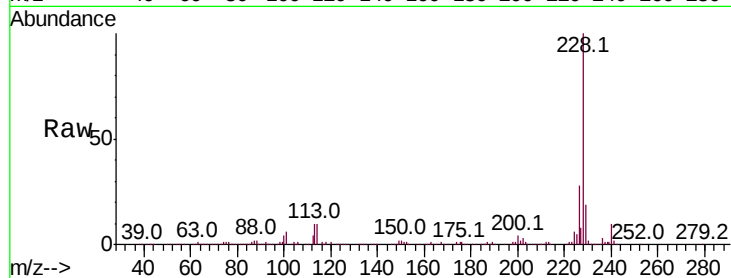
Tot Ion:228 Resp: 543859

Ion Ratio Lower Upper

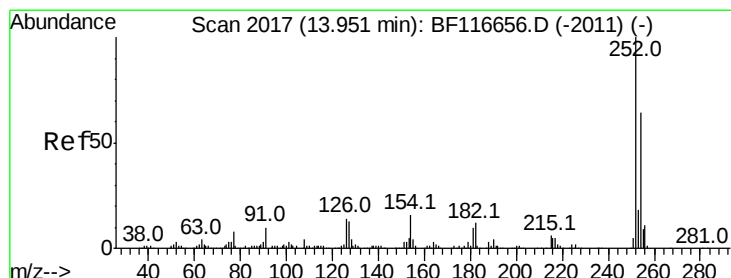
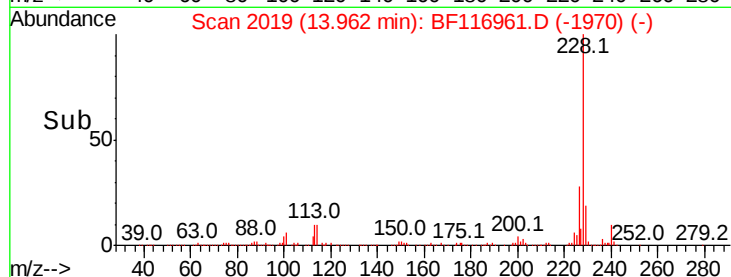
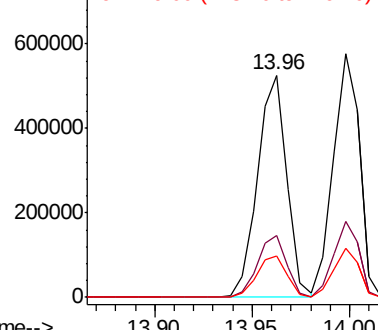
228 100

226 28.0 22.0 33.0

229 18.7 16.4 24.6



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



#82

3,3'-Dichlorobenzidine

Concen: 27.421 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF116961.D

Acq: 11 Sep 2019 22:01

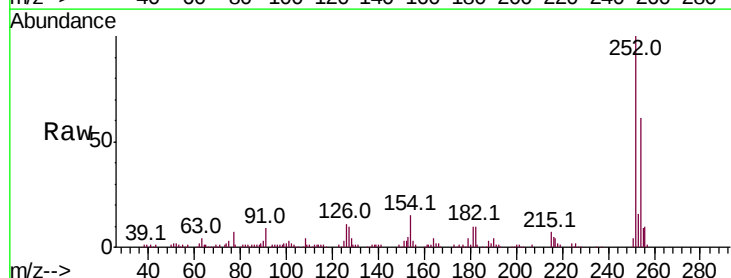
Tgt Ion:252 Resp: 109127

Ion Ratio Lower Upper

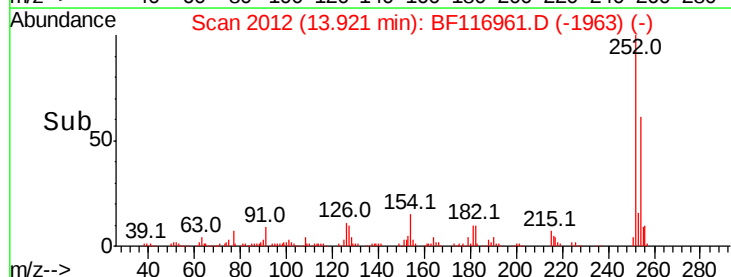
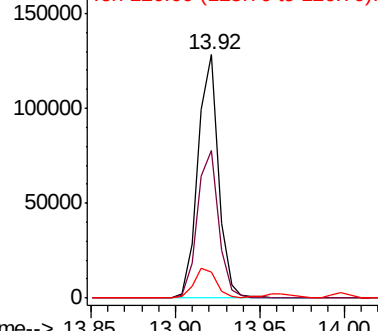
252 100

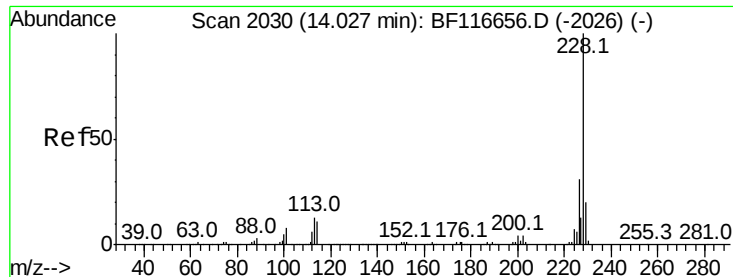
254 60.9 50.1 75.1

126 10.7 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

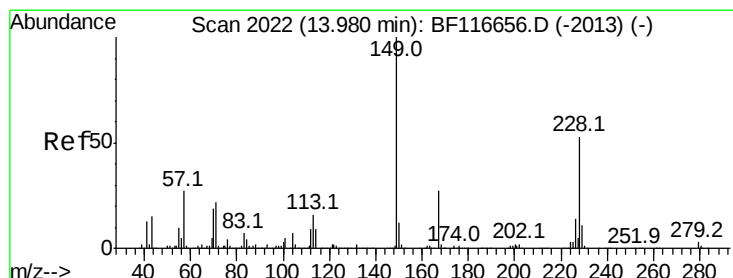
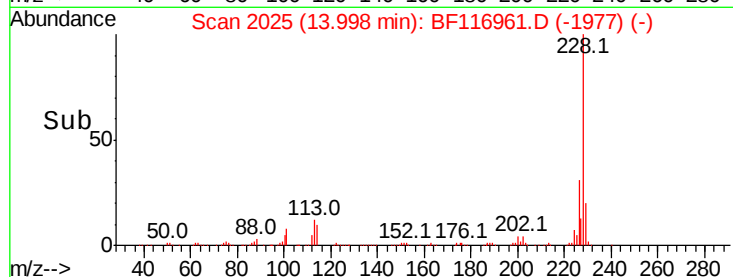
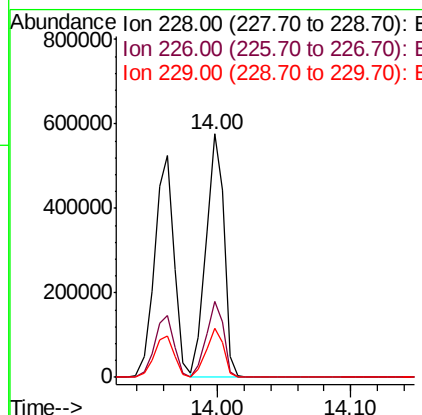
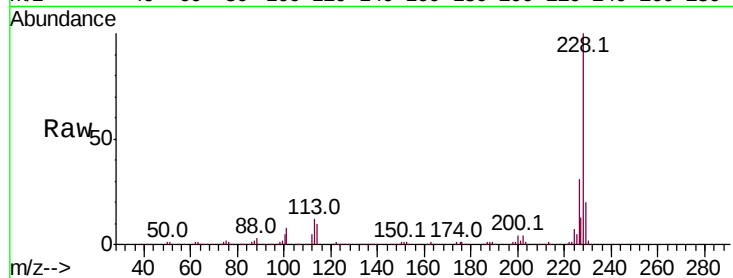




#83
 Chrysene
 Concen: 44.352 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.02 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

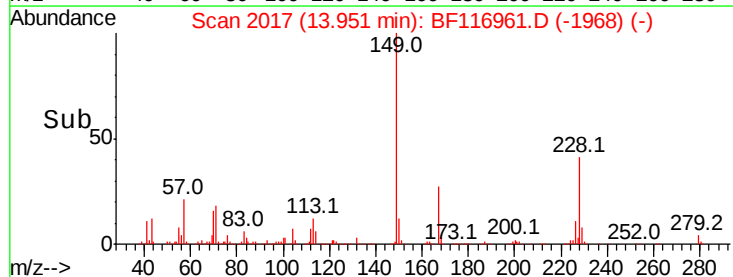
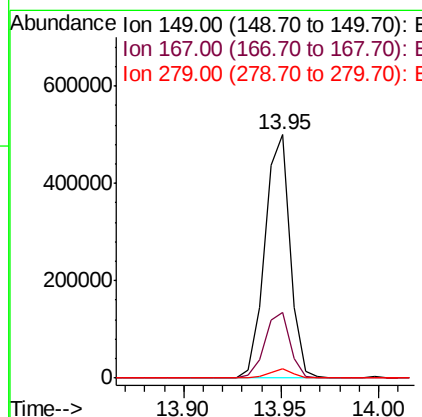
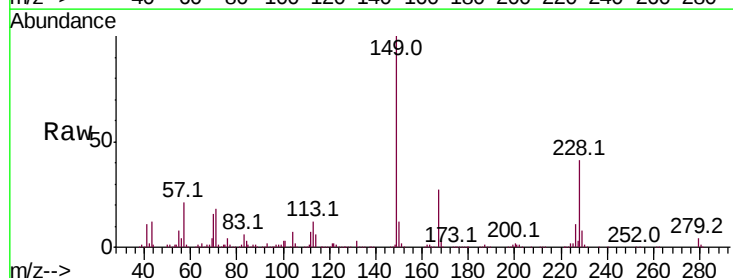
Instrument :
 BNA_F
 ClientSampleId :

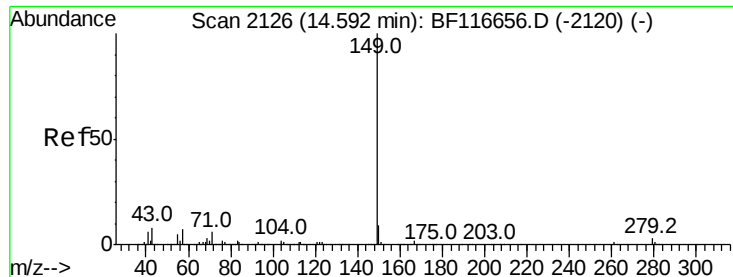
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.0	36.0
229	20.3	15.4	23.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.965 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF116961.D
 Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.0	31.4
279	3.8	2.8	4.2

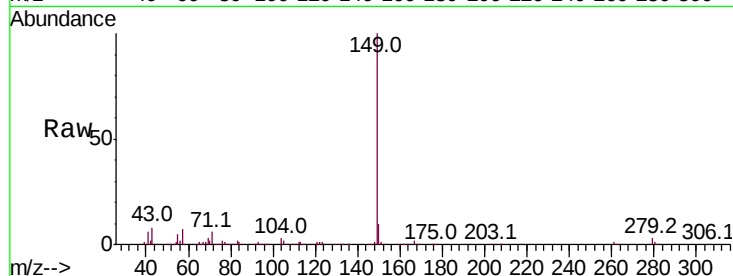




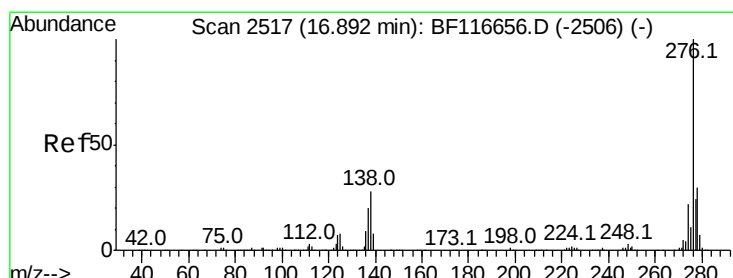
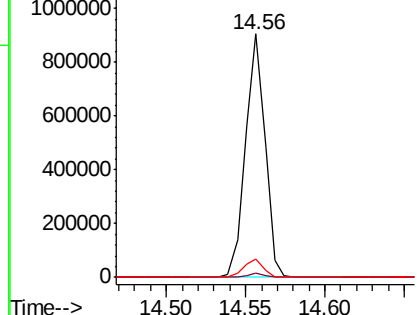
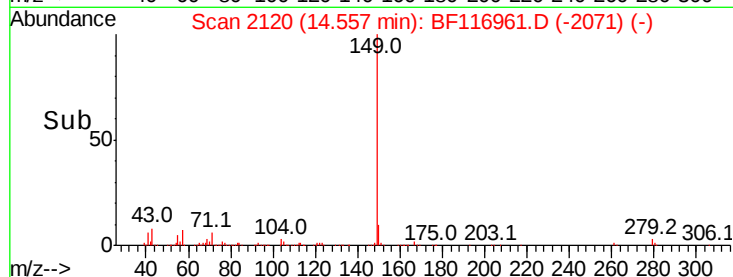
#85
Di-n-octyl phthalate
Concen: 47.363 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 769569
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 7.4 7.8 11.8#

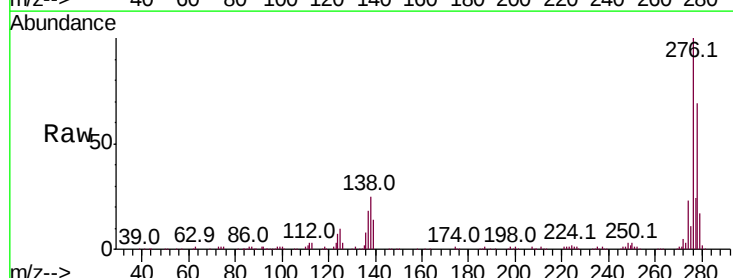


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

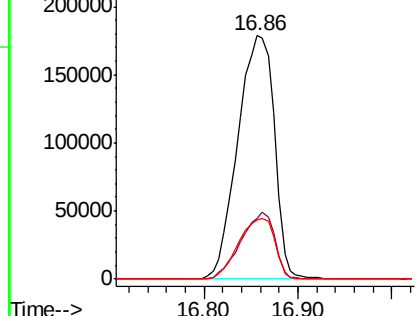
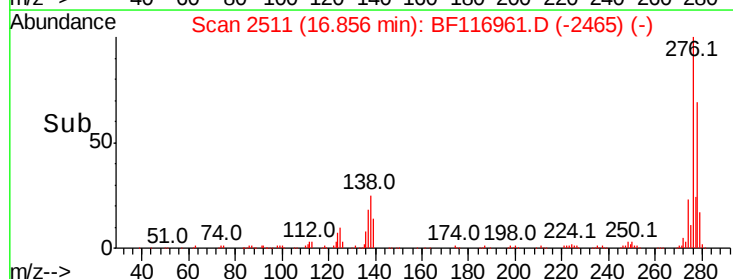


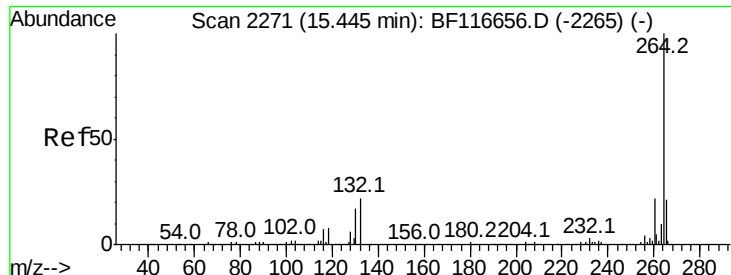
#86
Indeno(1,2,3-cd)pyrene
Concen: 49.681 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.03 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion:276 Resp: 484135
Ion Ratio Lower Upper
276 100
138 25.6 19.4 29.2
277 24.9 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



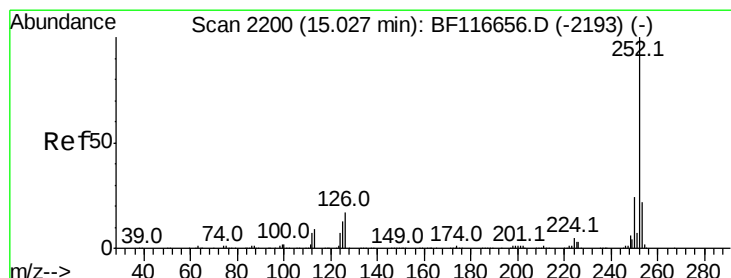
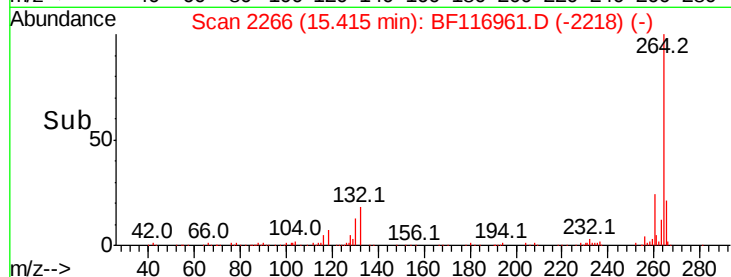
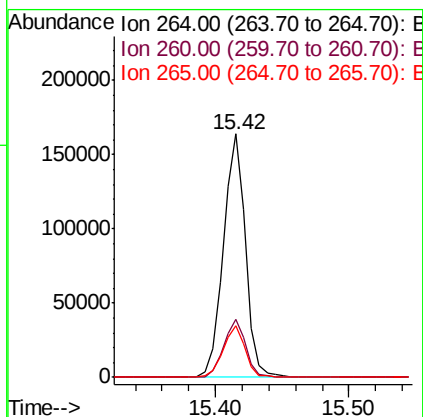
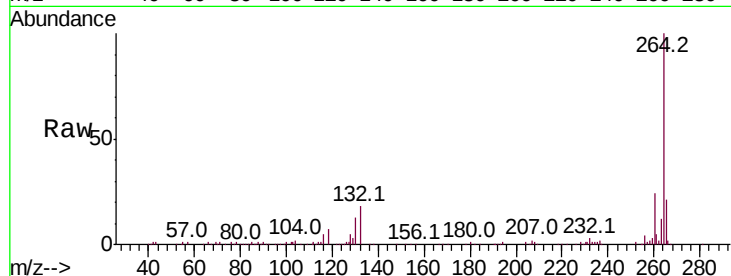


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 191060

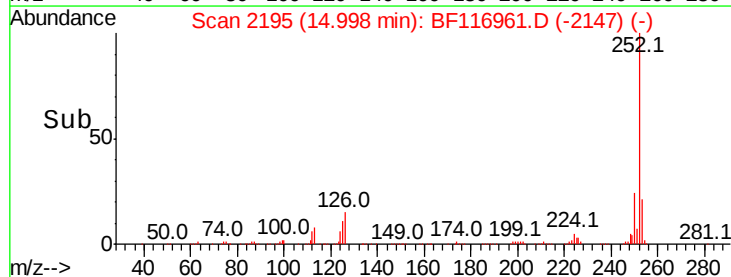
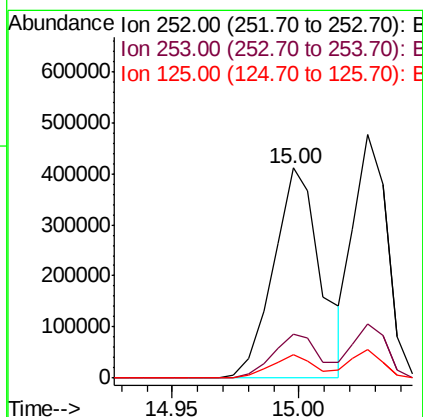
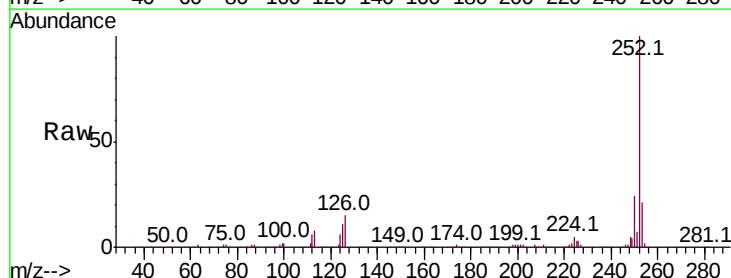
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	21.0	16.5	24.7

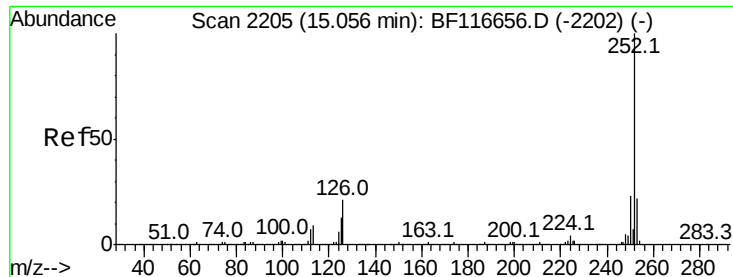


#88
Benzo(b)fluoranthene
Concen: 46.367 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion:252 Resp: 535599

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.7	26.5
125	11.0	8.2	12.2

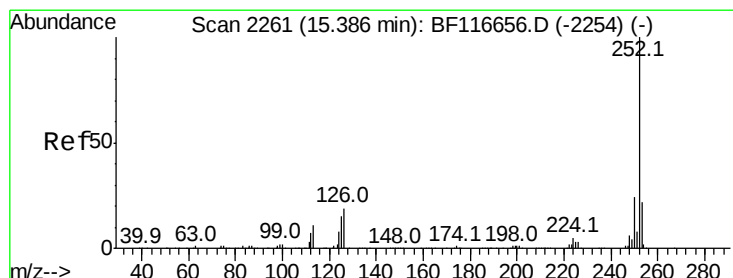
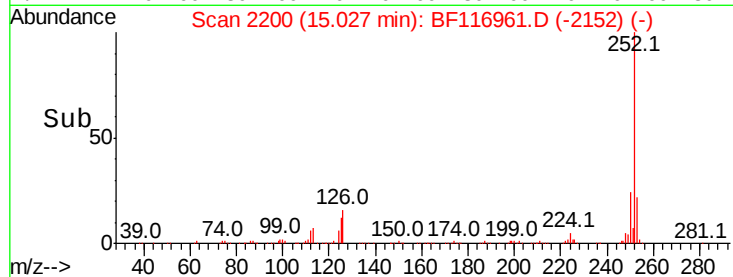
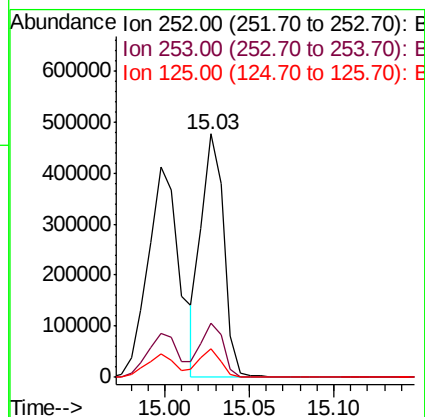
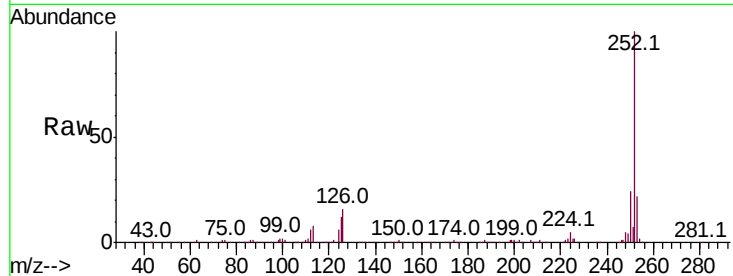




#89
Benzo(k)fluoranthene
Concen: 41.730 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

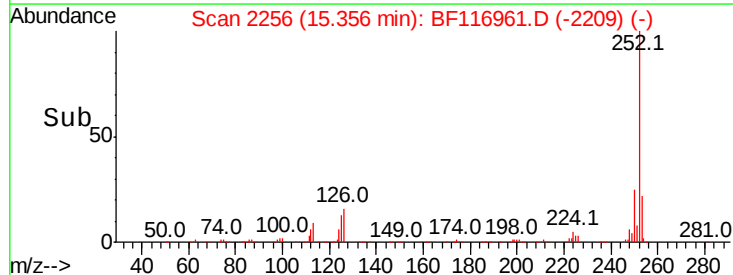
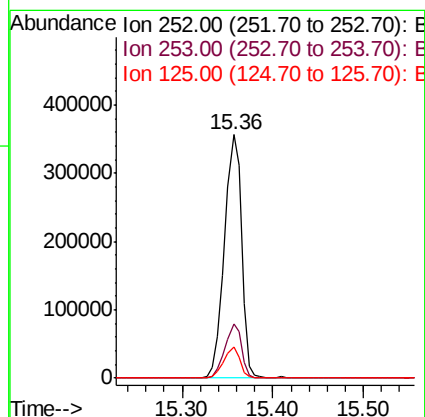
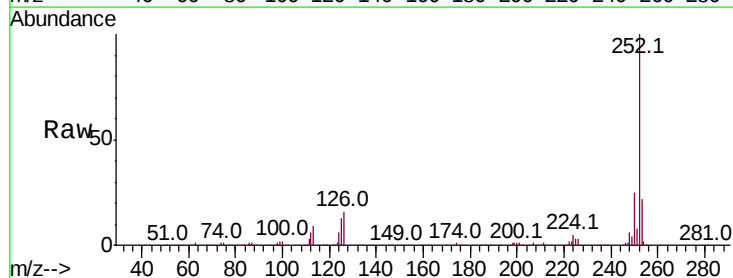
Instrument :
BNA_F
ClientSampleId :

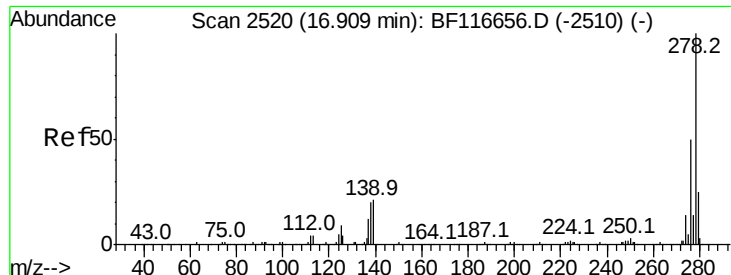
Tot Ion:252 Resp: 439503
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.9 8.6 13.0



#90
Benzo(a)pyrene
Concen: 46.516 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion:252 Resp: 467469
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 12.5 9.8 14.8

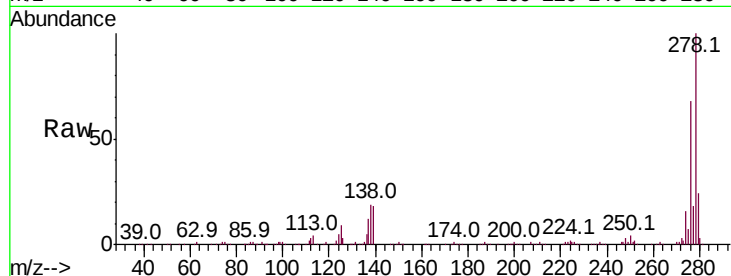




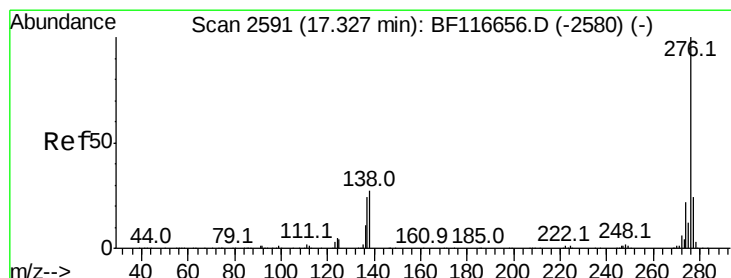
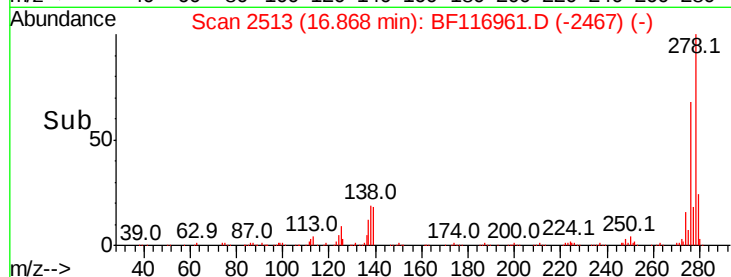
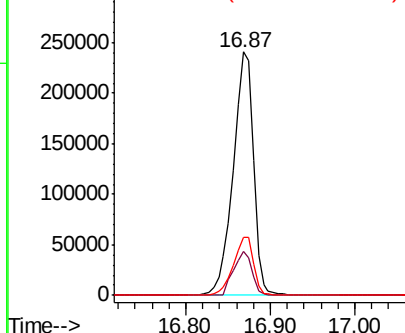
#91
Dibenzo(a,h)anthracene
Concen: 45.323 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.03 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	12.4	18.6
279	23.6	18.2	27.4

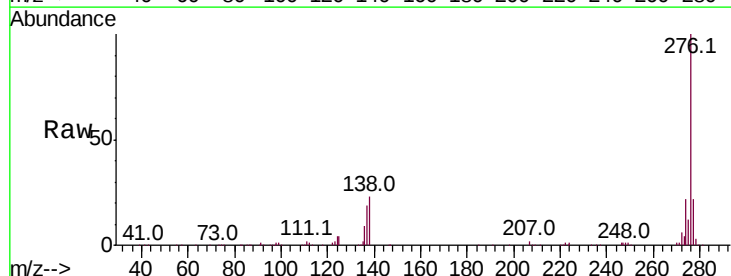


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.796 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.04 min
Lab File: BF116961.D
Acq: 11 Sep 2019 22:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.9	18.5	27.7
138	23.5	16.2	24.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

