

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF117007.D
 Acq On : 12 Sep 2019 22:57
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 07:49:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	59336	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	249661	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	130625	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	212755	20.00	ng	0.00
76) Chrysene-d12	13.97	240	142666	20.00	ng	0.00
87) Perylene-d12	15.42	264	125537	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	284027	77.55	ng	0.00
7) Phenol-d6	6.46	99	365078	75.91	ng	0.00
23) Nitrobenzene-d5	7.39	82	355465	81.28	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	82868	94.90	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	647763	83.65	ng	0.00
79) Terphenyl-d14	12.92	244	607703	78.80	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.49	88	53889	31.873	ng	99
3) Pyridine	3.24	79	157130	32.098	ng	99
4) n-Nitrosodimethylamine	3.18	42	48862	29.067	ng	98
6) Aniline	6.49	93	236022	35.432	ng	99
8) 2-Chlorophenol	6.62	128	154438	38.627	ng	93
9) Benzaldehyde	6.37	77	105497	33.296	ng	97
10) Phenol	6.47	94	199912	37.538	ng	96
11) bis(2-Chloroethyl)ether	6.56	93	145762	35.151	ng	97
12) 1,3-Dichlorobenzene	6.77	146	172996	38.283	ng	98
13) 1,4-Dichlorobenzene	6.85	146	176867	39.314	ng	97
14) 1,2-Dichlorobenzene	7.00	146	168027	40.302	ng	99
15) Benzyl Alcohol	6.97	79	145074	37.161	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	148828	30.591	ng	100
17) 2-Methylphenol	7.08	107	128458	36.702	ng	98
18) Hexachloroethane	7.34	117	58237	33.319	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	113527	35.851	ng	97
20) 3+4-Methylphenols	7.23	107	165066	40.561	ng	# 87
22) Acetophenone	7.23	105	239916	39.915	ng	# 96
24) Nitrobenzene	7.41	77	175305	39.413	ng	100
25) Isophorone	7.65	82	309883	34.968	ng	100
26) 2-Nitrophenol	7.72	139	70986	42.927	ng	95
27) 2,4-Dimethylphenol	7.76	122	119880	35.896	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	198674	36.687	ng	98
29) 2,4-Dichlorophenol	7.96	162	128670	40.090	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	137250	39.427	ng	98
31) Naphthalene	8.13	128	454055	38.247	ng	99
32) Benzoic acid	7.87	122	74553	39.536	ng	91
33) 4-Chloroaniline	8.17	127	201886	37.359	ng	98
34) Hexachlorobutadiene	8.25	225	79113	41.680	ng	99
35) Caprolactam	8.53	113	41587	34.623	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	149162	40.437	ng	95
37) 2-Methylnaphthalene	8.82	142	312373	39.547	ng	98
38) 1-Methylnaphthalene	8.92	142	292985	39.293	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	129238	41.273	ng	98

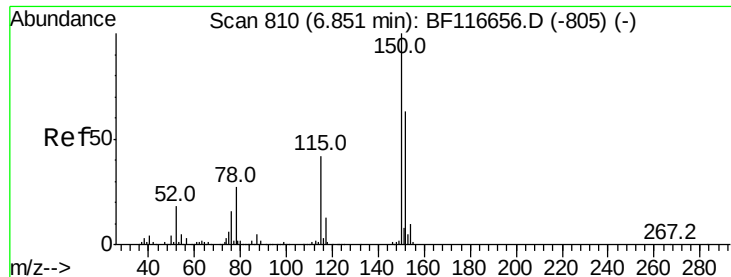
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF117007.D
 Acq On : 12 Sep 2019 22:57
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 07:49:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	5176	2.862	ng	95
43) 2,4,6-Trichlorophenol	9.10	196	88258	41.117	ng	98
44) 2,4,5-Trichlorophenol	9.14	196	92247	41.395	ng	97
46) 1,1'-Biphenyl	9.28	154	385075	38.850	ng	99
47) 2-Chloronaphthalene	9.30	162	302515	38.534	ng	97
48) 2-Nitroaniline	9.40	65	97132	42.796	ng	99
49) Acenaphthylene	9.72	152	461214	38.864	ng	99
50) Dimethylphthalate	9.57	163	353196	39.164	ng	100
51) 2,6-Dinitrotoluene	9.64	165	68169	39.619	ng	89
52) Acenaphthene	9.89	154	278231	38.157	ng	99
53) 3-Nitroaniline	9.81	138	92019	42.675	ng	96
54) 2,4-Dinitrophenol	9.92	184	2688	12.946	ng	# 65
55) Dibenzofuran	10.06	168	409444	39.832	ng	97
56) 4-Nitrophenol	9.97	139	55968	37.854	ng	90
57) 2,4-Dinitrotoluene	10.05	165	90099	42.825	ng	95
58) Fluorene	10.40	166	328179	41.901	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	68366	42.508	ng	99
60) Diethylphthalate	10.27	149	368107	40.748	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	147309	42.950	ng	94
62) 4-Nitroaniline	10.42	138	96179	45.961	ng	96
63) Azobenzene	10.56	77	362345	38.467	ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	5649	13.541	ng	91
66) n-Nitrosodiphenylamine	10.51	169	289851	39.382	ng	98
67) 4-Bromophenyl-phenylether	10.88	248	88468	40.933	ng	92
68) Hexachlorobenzene	10.96	284	90912	40.204	ng	97
69) Atrazine	11.03	200	76273	37.002	ng	97
70) Pentachlorophenol	11.15	266	39789	36.374	ng	99
71) Phenanthrene	11.36	178	456426	38.539	ng	99
72) Anthracene	11.42	178	466933	39.166	ng	100
73) Carbazole	11.57	167	428053	37.693	ng	100
74) Di-n-butylphthalate	11.90	149	613148	42.116	ng	99
75) Fluoranthene	12.55	202	439067	37.724	ng	99
77) Benzidine	12.67	184	207585	37.097	ng	99
78) Pyrene	12.78	202	438571	34.582	ng	99
80) Butylbenzylphthalate	13.39	149	236037	38.272	ng	93
81) Benzo(a)anthracene	13.96	228	353211	39.118	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	124911	40.936	ng	98
83) Chrysene	14.00	228	355383	38.203	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	327184	42.977	ng	98
85) Di-n-octyl phthalate	14.56	149	533773	42.844	ng	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	238025	31.856	ng	99
88) Benzo(b)fluoranthene	15.00	252	296428	39.056	ng	99
89) Benzo(k)fluoranthene	15.03	252	285967	41.324	ng	99
90) Benzo(a)pyrene	15.36	252	255840	38.745	ng	98
91) Dibenzo(a,h)anthracene	16.87	278	197469	34.165	ng	99
92) Benzo(g,h,i)perylene	17.29	276	179273	30.413	ng	98

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

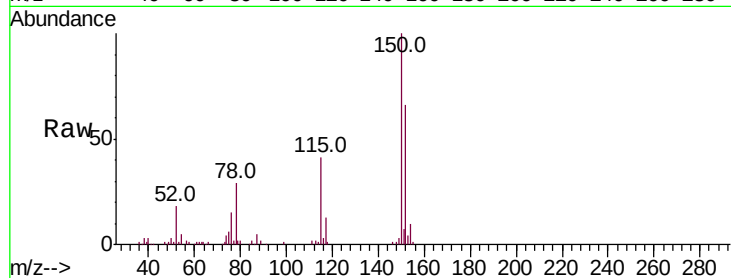


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.2	189.2
115	61.9	50.2	75.2

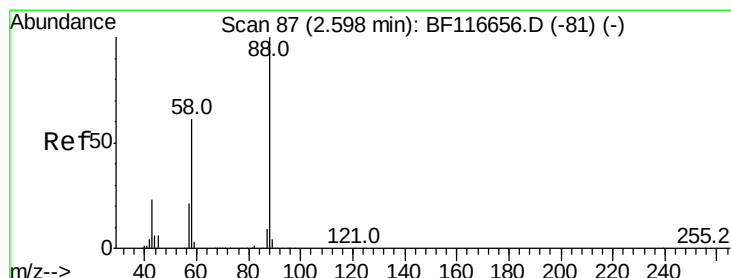
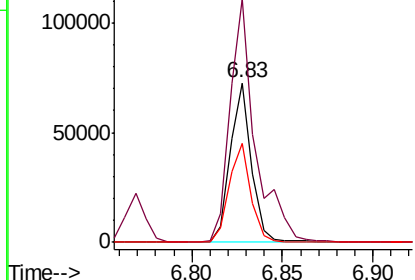
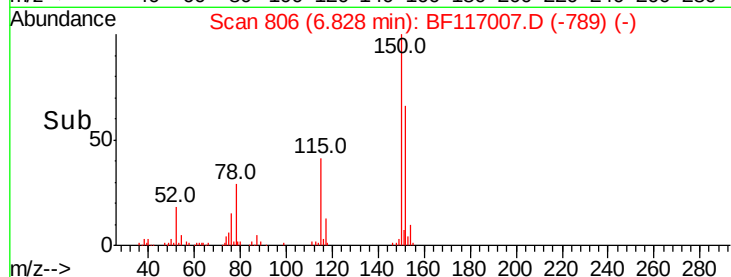


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

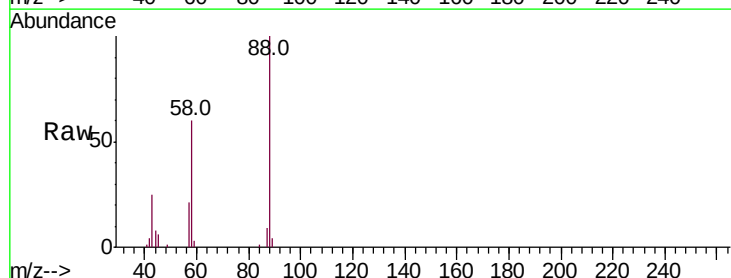
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.873 ng
RT: 2.49 min Scan# 68
Delta R.T. -0.07 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.5	49.4	74.2
43	22.6	18.6	28.0

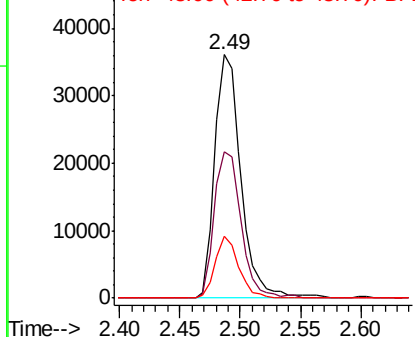
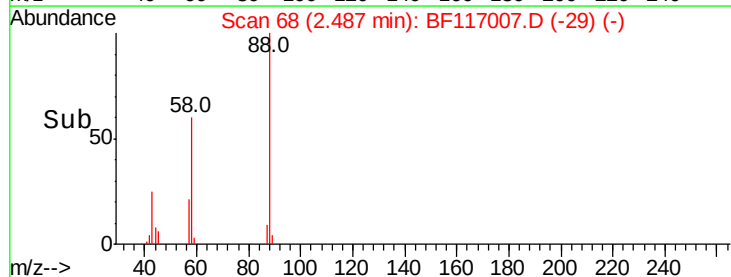


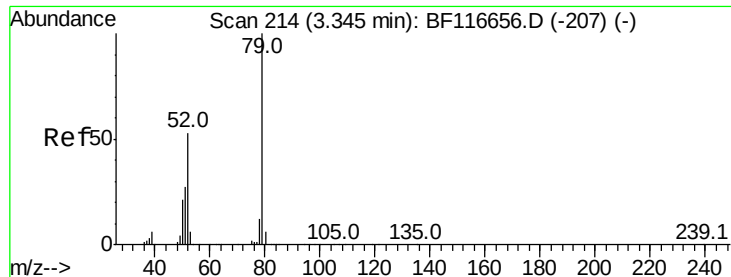
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.098 ng

RT: 3.24 min Scan# 196

Delta R.T. -0.06 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Instrument :

BNA_F

ClientSampleId :

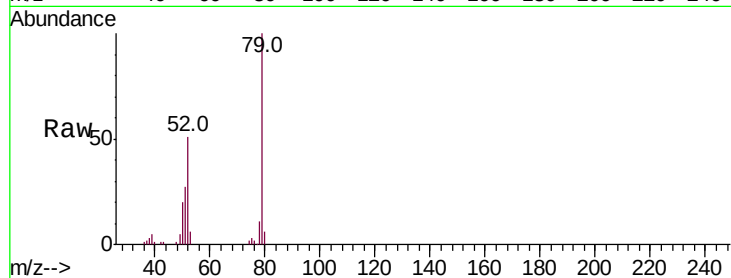
Tot Ion: 79 Resp: 157130

Ion Ratio Lower Upper

79 100

52 51.0 40.5 60.7

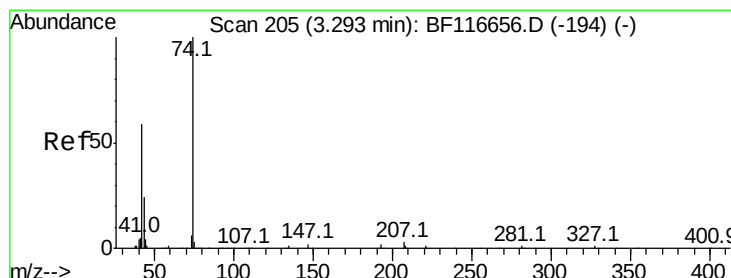
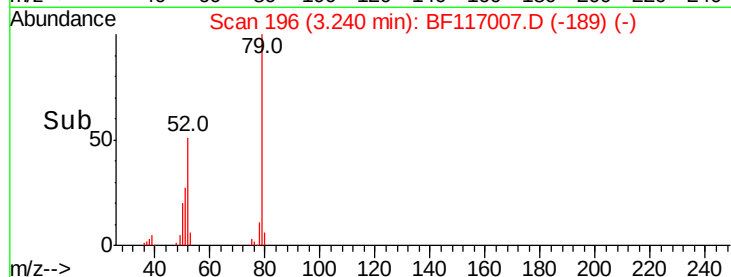
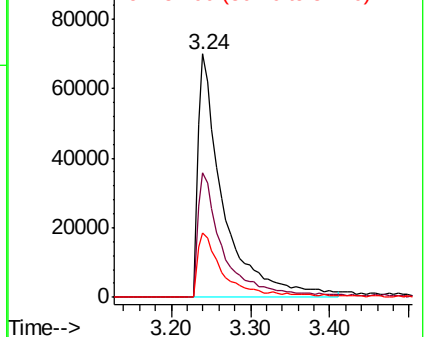
51 26.6 22.3 33.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 29.067 ng

RT: 3.18 min Scan# 185

Delta R.T. -0.07 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

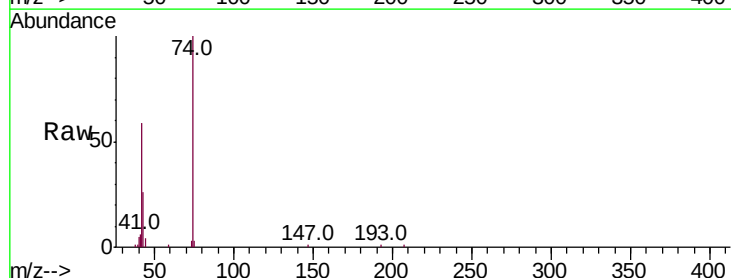
Tgt Ion: 42 Resp: 48862

Ion Ratio Lower Upper

42 100

74 168.8 137.6 206.4

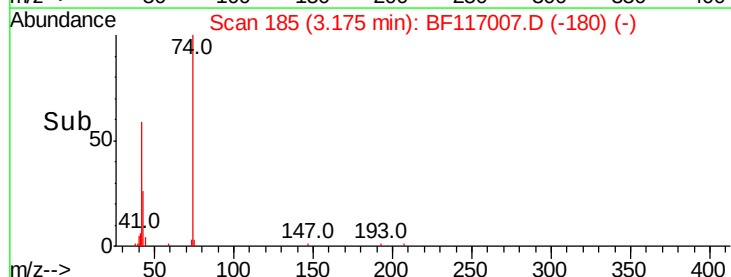
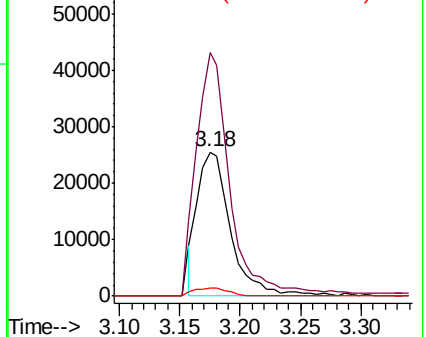
44 6.0 4.4 6.6

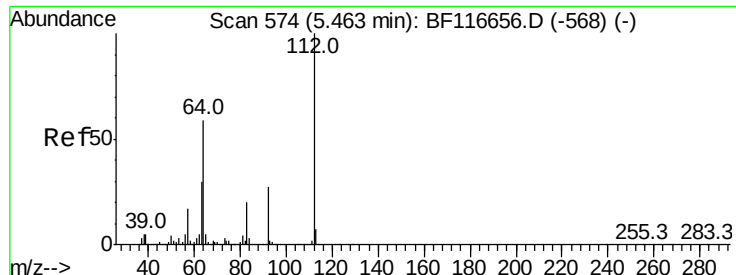


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 77.548 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Instrument :

BNA_F

ClientSampleId :

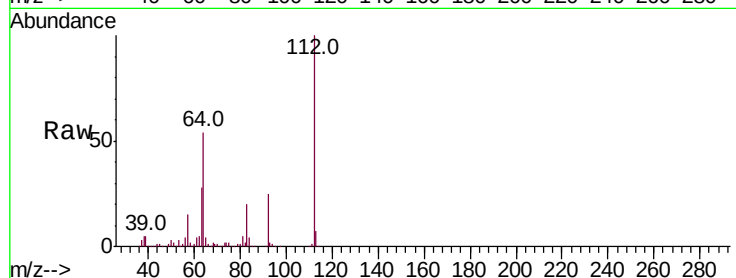
Tot Ion:112 Resp: 284027

Ion Ratio Lower Upper

112 100

64 53.7 47.1 70.7

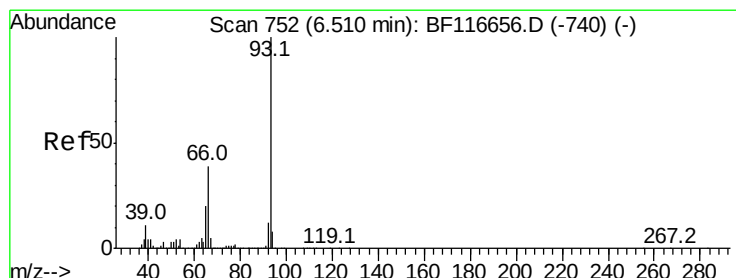
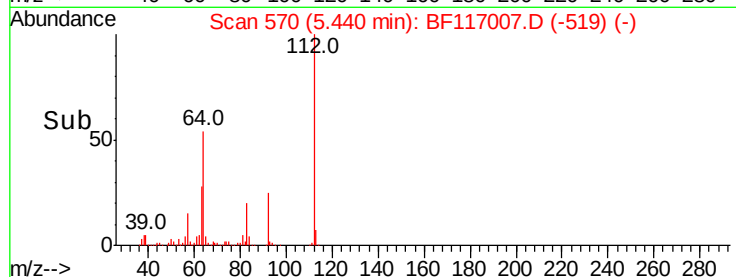
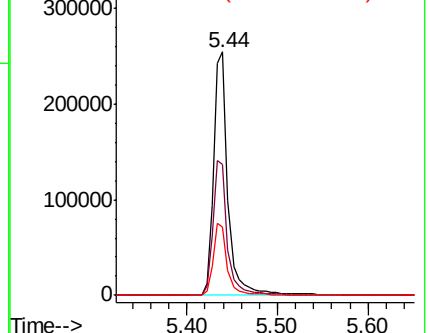
63 28.2 25.4 38.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.432 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

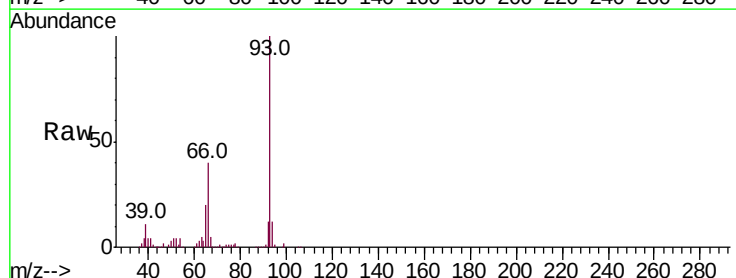
Tgt Ion: 93 Resp: 236022

Ion Ratio Lower Upper

93 100

66 39.8 32.3 48.5

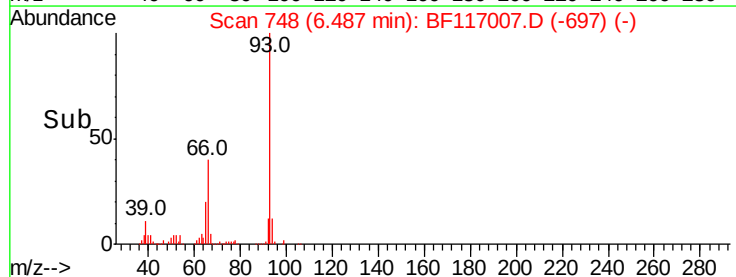
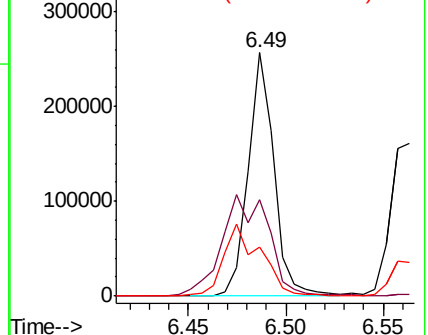
65 20.2 16.2 24.2

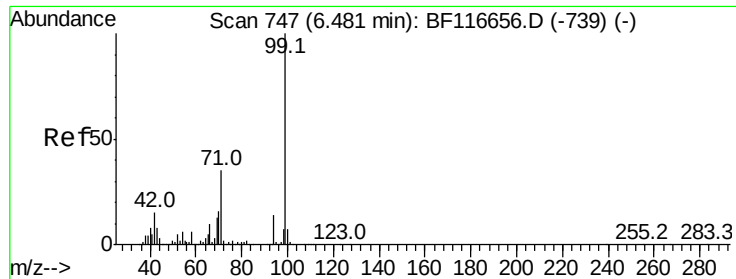


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.910 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Instrument :

BNA_F

ClientSampleId :

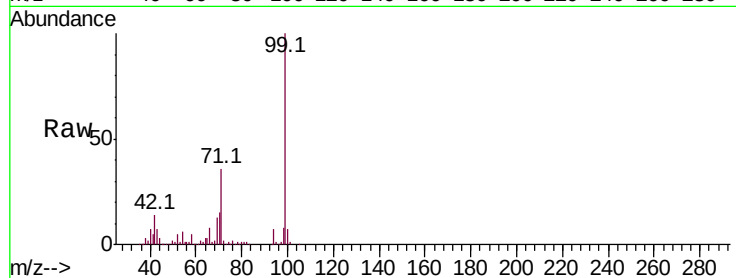
Tot Ion: 99 Resp: 365078

Ion Ratio Lower Upper

99 100

42 14.2 12.0 18.0

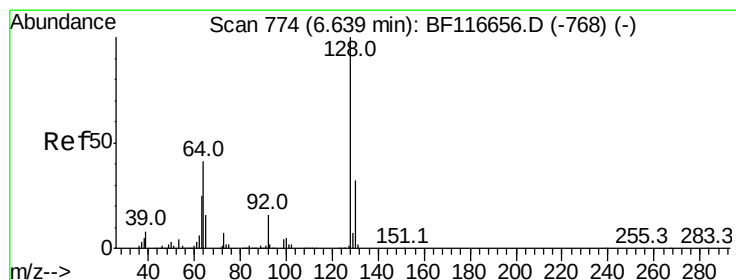
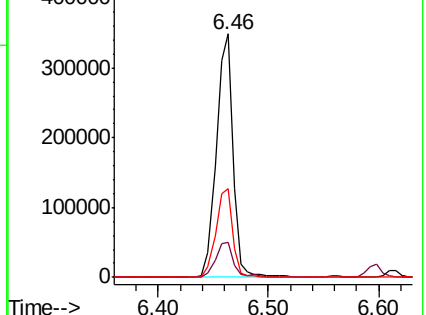
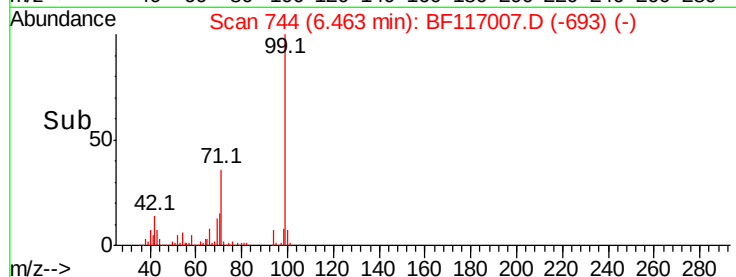
71 36.4 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.627 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

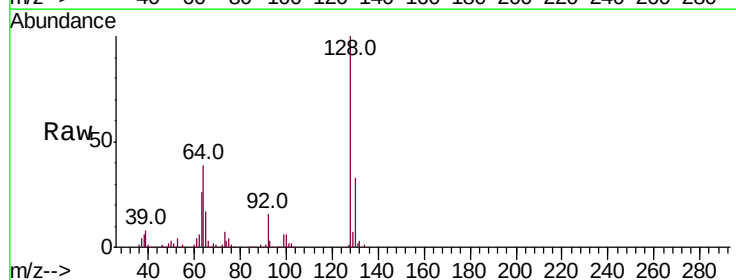
Tgt Ion:128 Resp: 154438

Ion Ratio Lower Upper

128 100

130 33.0 12.4 52.4

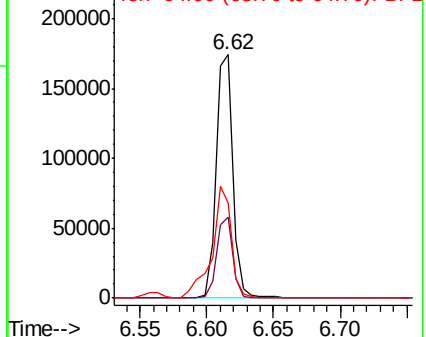
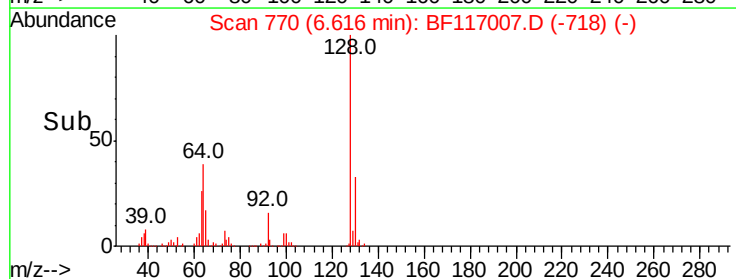
64 39.3 26.5 66.5

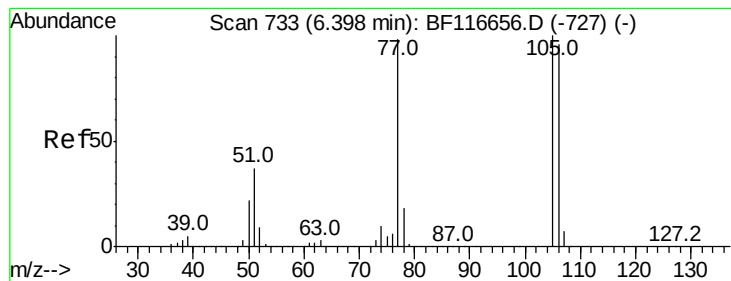


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.296 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Instrument :

BNA_F

ClientSampleId :

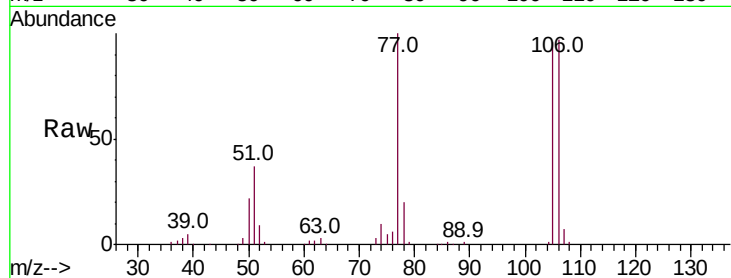
Tot Ion: 77 Resp: 105497

Ion Ratio Lower Upper

77 100

105 95.8 79.3 119.3

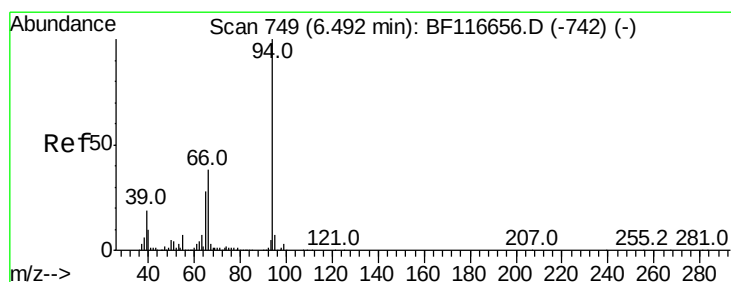
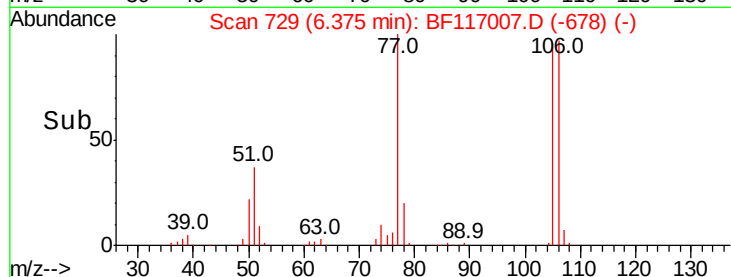
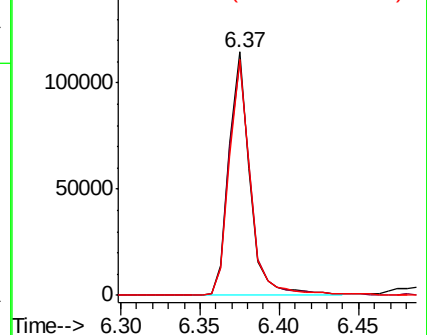
106 97.0 75.1 115.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.538 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

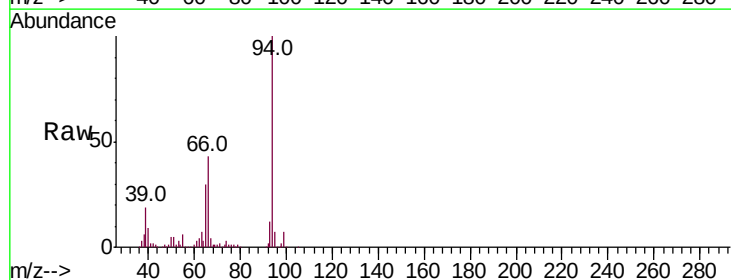
Tgt Ion: 94 Resp: 199912

Ion Ratio Lower Upper

94 100

65 30.4 12.0 52.0

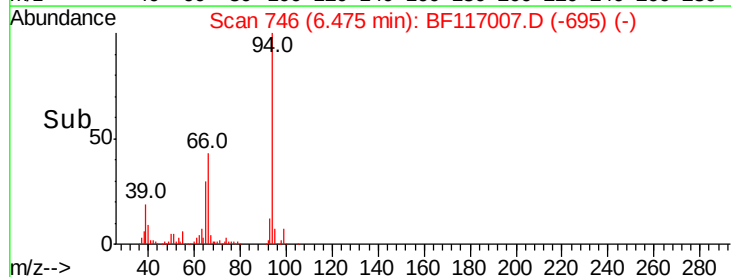
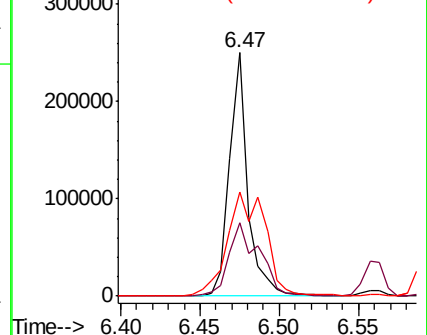
66 43.0 26.5 66.5

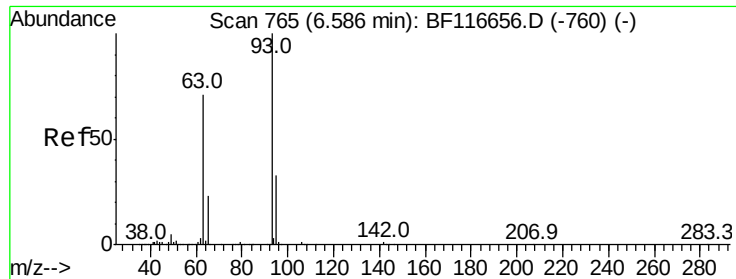


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

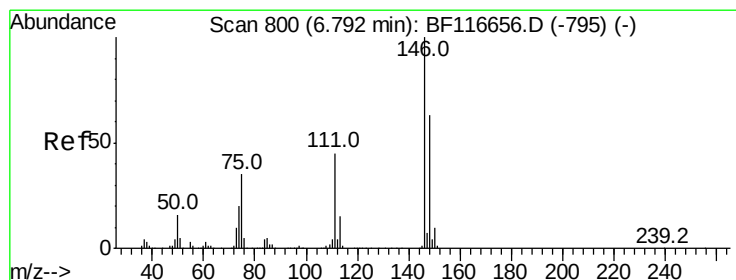
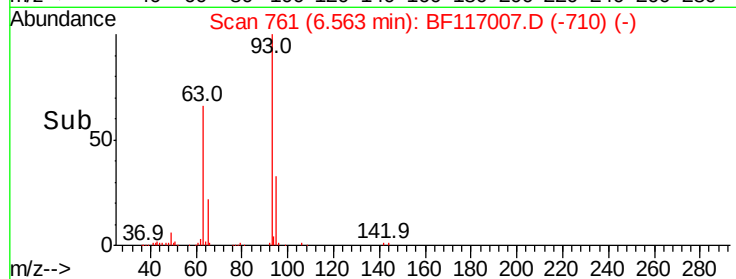
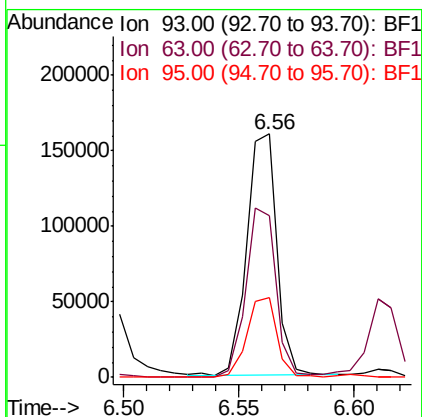
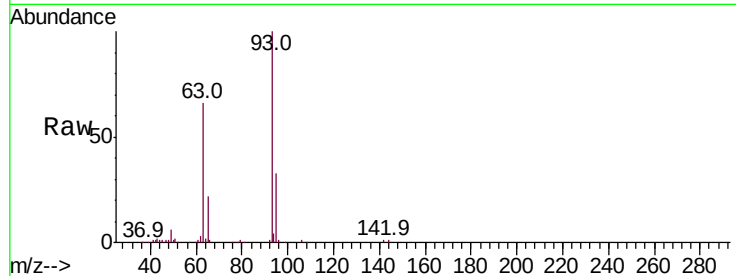




#11
bis(2-Chloroethyl)ether
Concen: 35.151 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

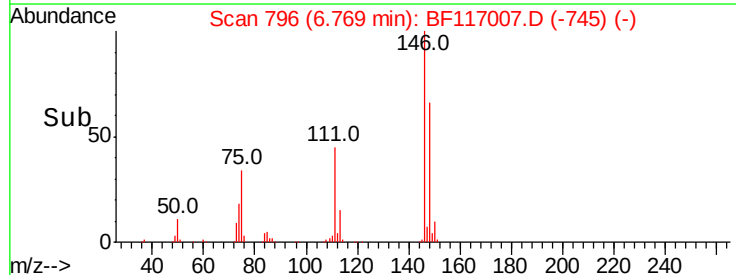
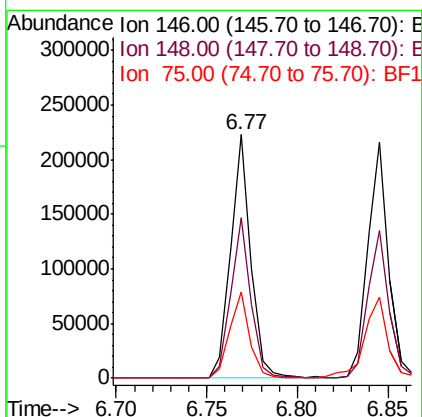
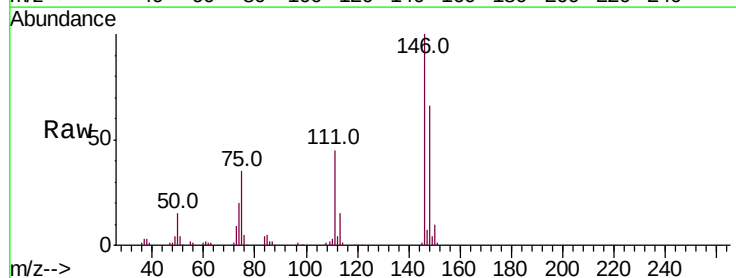
Instrument :
BNA_F
ClientSampleId :

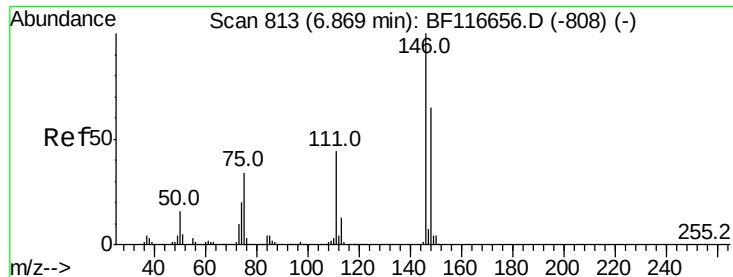
Tot Ion	Ratio	Lower	Upper
93	100		
63	66.4	49.0	89.0
95	32.7	13.7	53.7



#12
1,3-Dichlorobenzene
Concen: 38.283 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.3	76.9
75	35.2	26.6	40.0

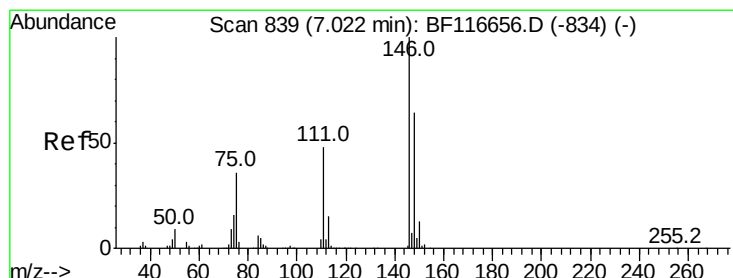
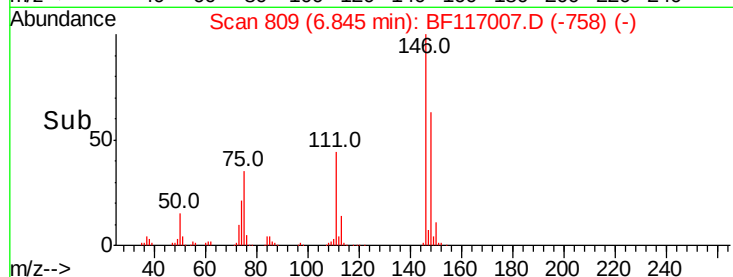
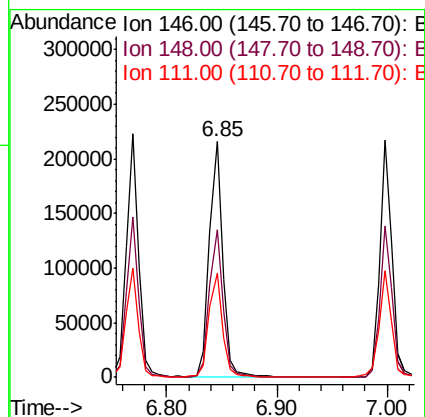
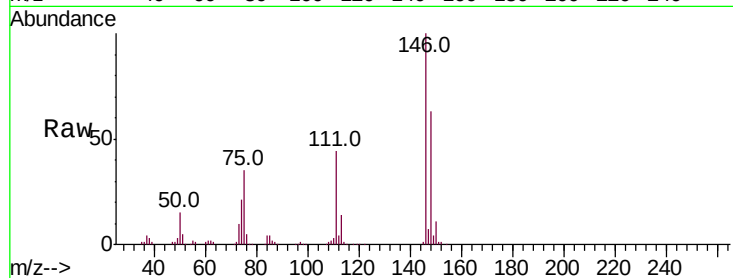




#13
 1,4-Dichlorobenzene
 Concen: 39.314 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

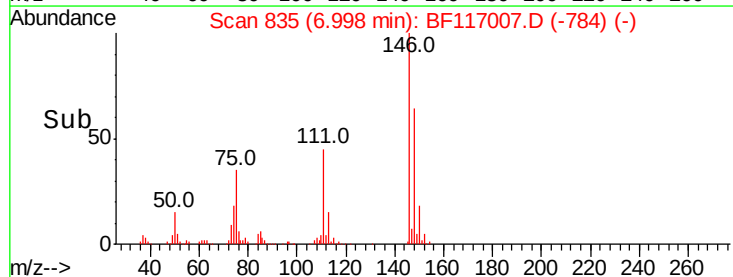
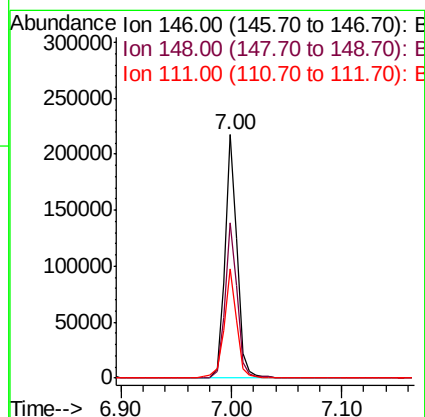
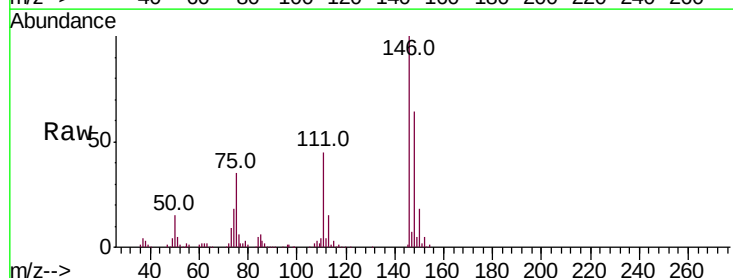
Instrument :
 BNA_F
 ClientSampleId :

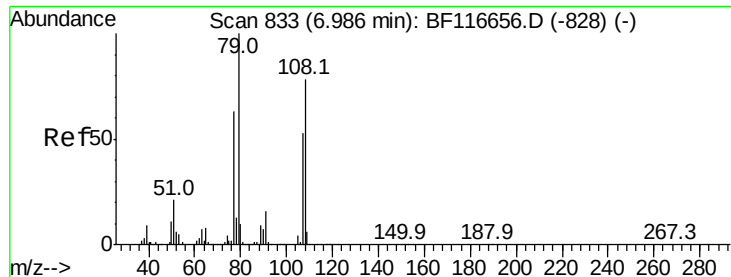
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.8	77.6
111	44.3	33.4	50.2



#14
 1,2-Dichlorobenzene
 Concen: 40.302 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.7	77.5
111	45.1	37.2	55.8





#15

Benzyl Alcohol

Concen: 37.161 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Instrument :

BNA_F

ClientSampleId :

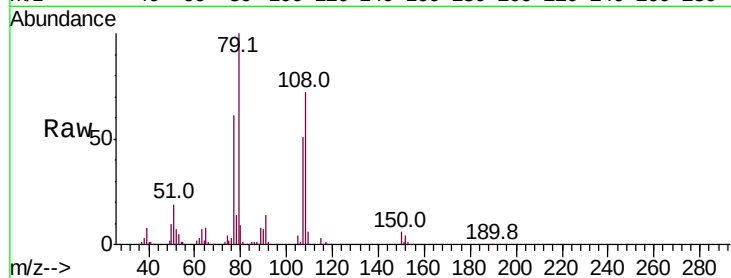
Tot Ion: 79 Resp: 145074

Ion Ratio Lower Upper

79 100

108 71.8 60.2 90.4

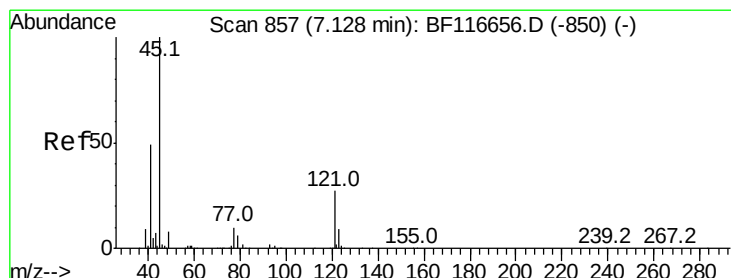
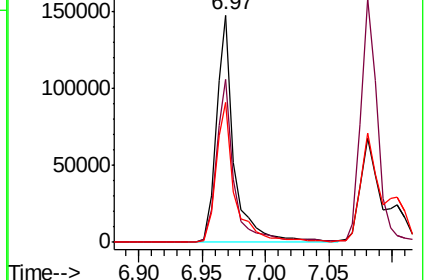
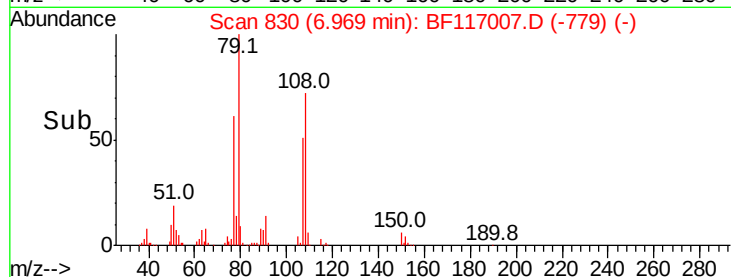
77 61.5 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.591 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

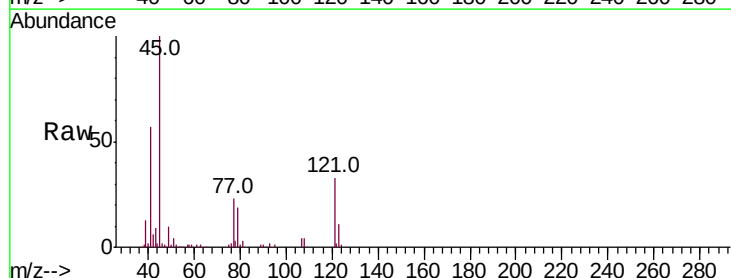
Tgt Ion: 45 Resp: 148828

Ion Ratio Lower Upper

45 100

77 22.8 2.7 42.7

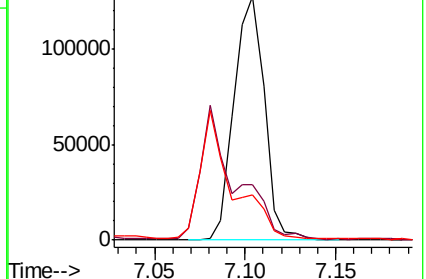
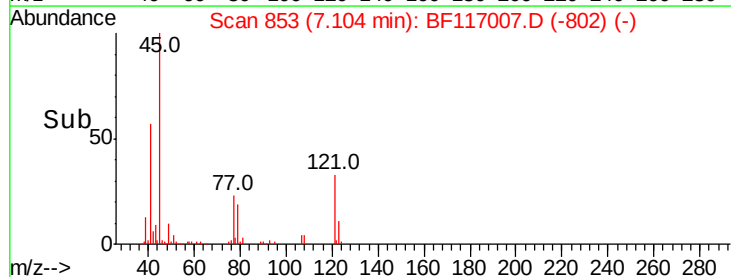
79 18.8 0.0 38.5

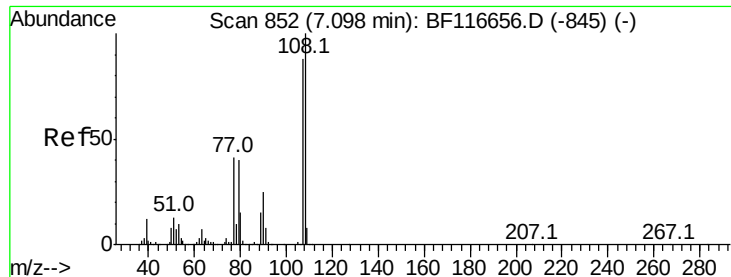


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

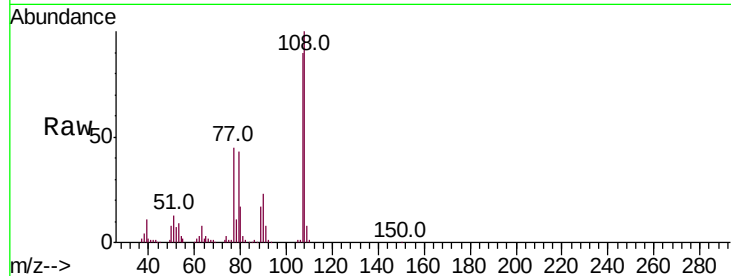




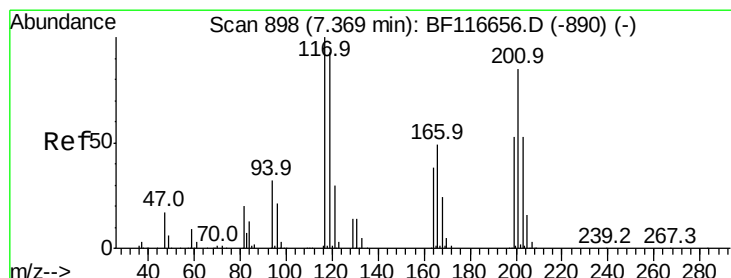
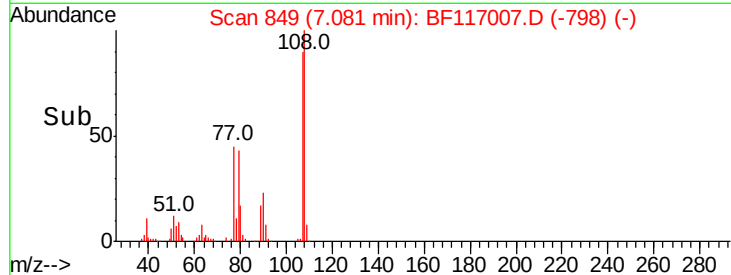
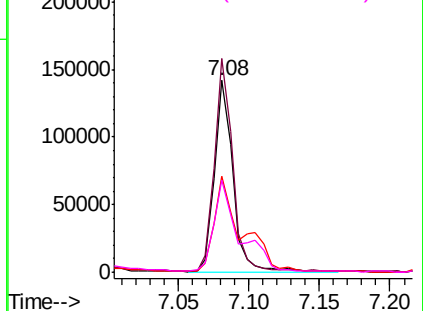
#17
2-Methylphenol
Concen: 36.702 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	128458
Ion	Ratio	Lower	Upper
107	100		
108	111.4	90.9	136.3
77	49.9	38.6	58.0
79	47.8	38.6	57.8

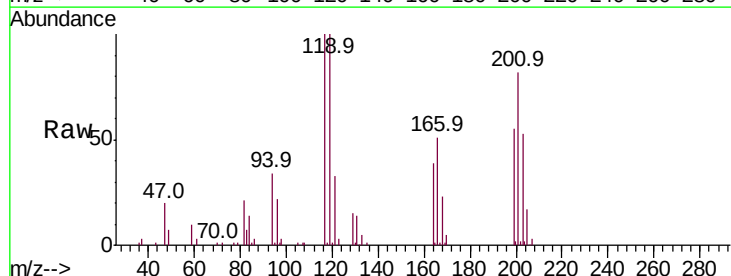


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

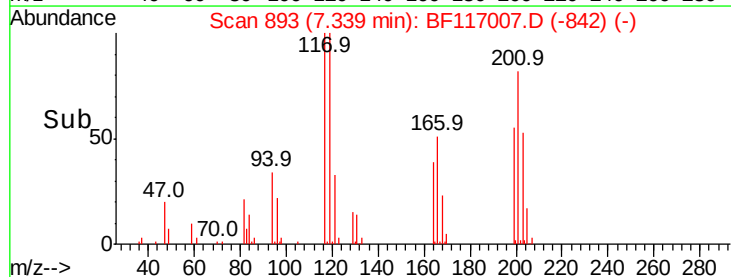
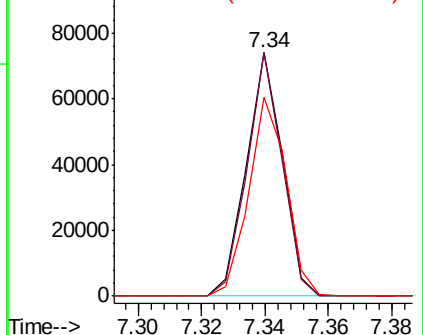


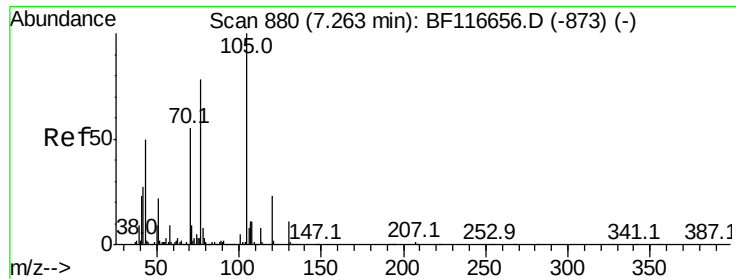
#18
Hexachloroethane
Concen: 33.319 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Tgt Ion:	117	Resp:	58237
Ion	Ratio	Lower	Upper
117	100		
119	100.2	76.8	115.2
201	82.0	68.2	102.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.851 ng

RT: 7.24 min Scan# 876

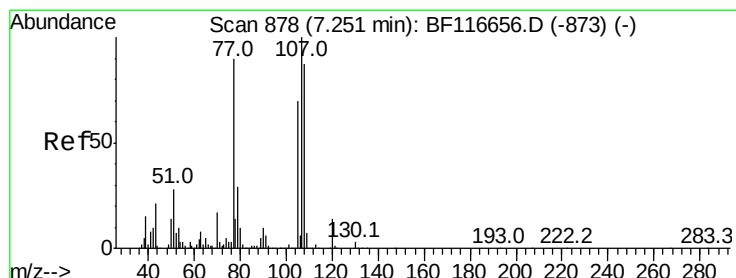
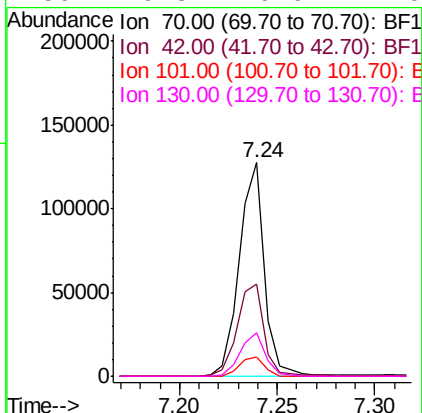
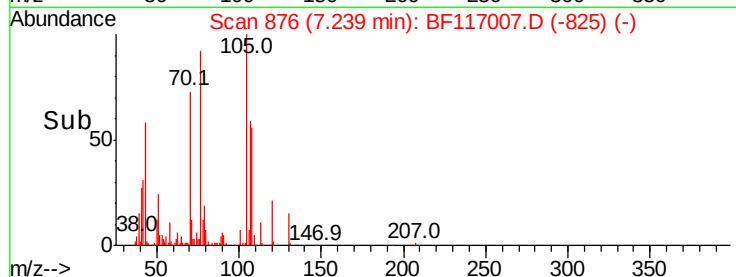
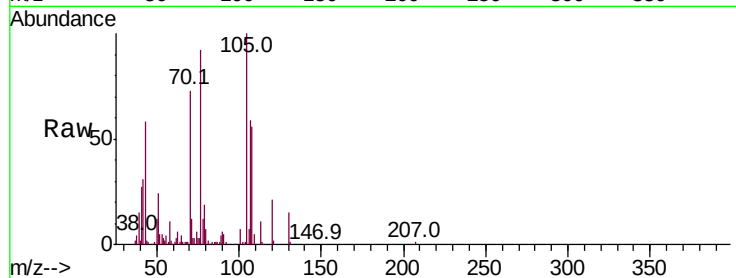
Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	113527
Ion	Ratio	Lower	Upper
70	100		
42	43.0	37.0	55.4
101	8.9	7.4	11.2
130	20.3	16.0	24.0



#20

3+4-Methylphenols

Concen: 40.561 ng

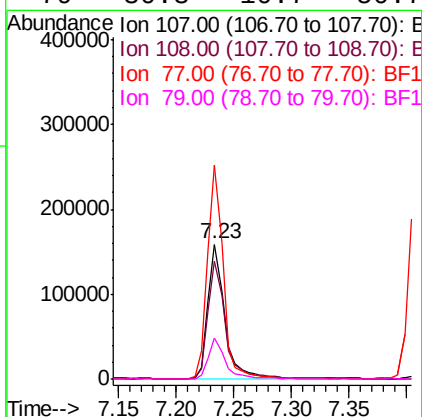
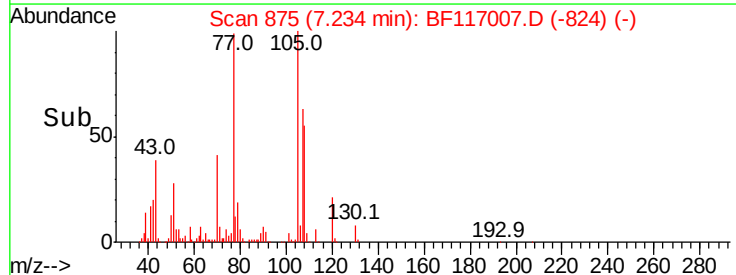
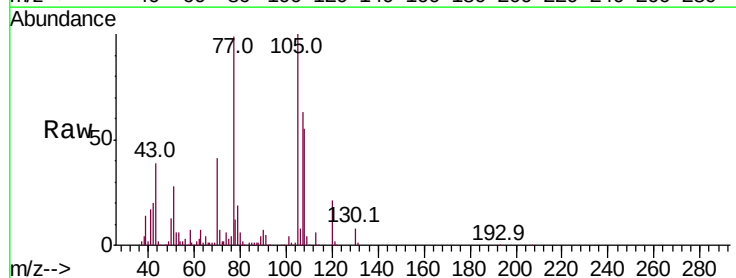
RT: 7.23 min Scan# 875

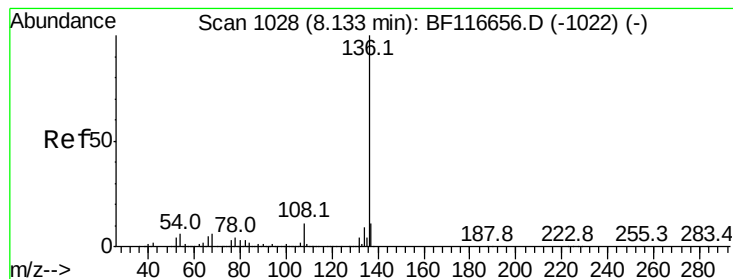
Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Tgt Ion:	107	Resp:	165066
Ion	Ratio	Lower	Upper
107	100		
108	87.6	71.9	111.9
77	158.6	112.6	152.6#
79	30.3	10.7	50.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 249661

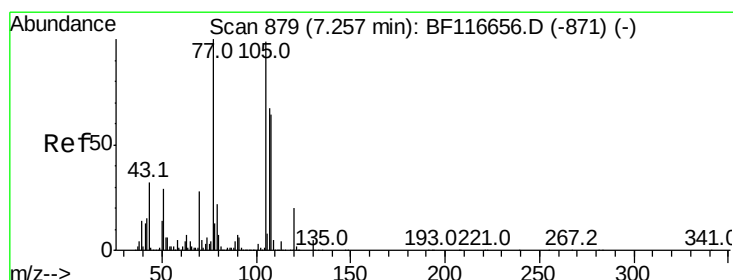
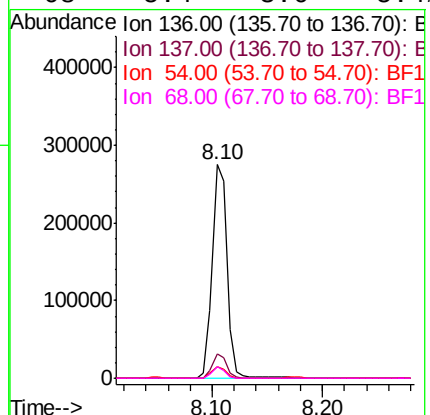
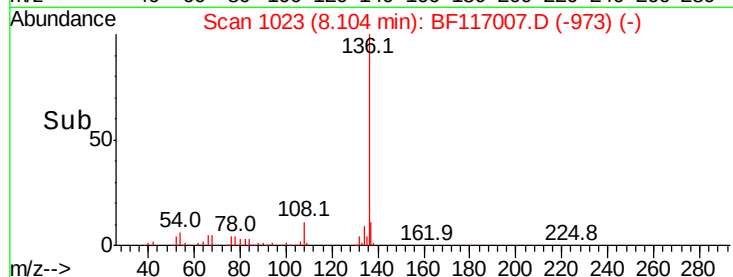
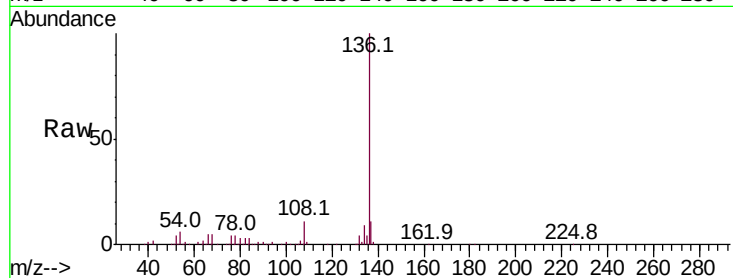
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 5.5 3.8 5.8

68 5.4 3.6 5.4#



#22

Acetophenone

Concen: 39.915 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Tgt Ion:105 Resp: 239916

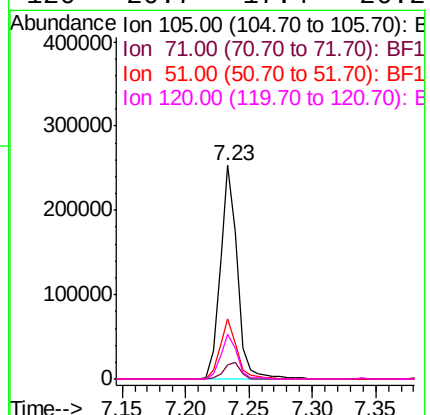
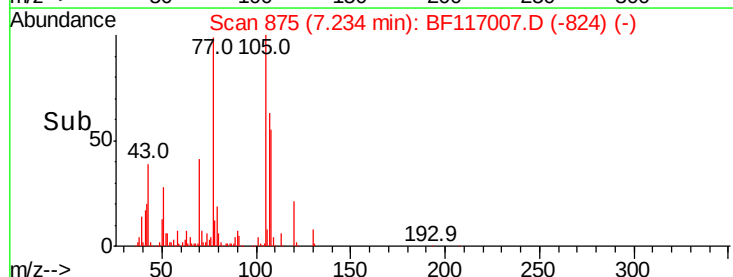
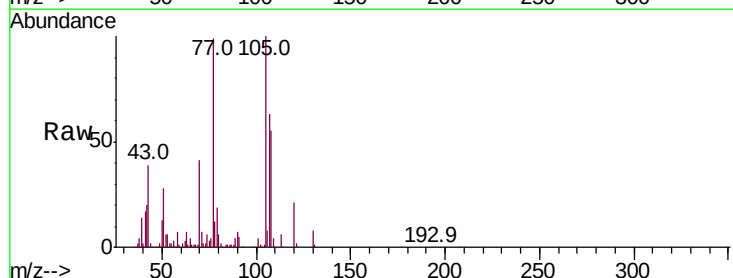
Ion Ratio Lower Upper

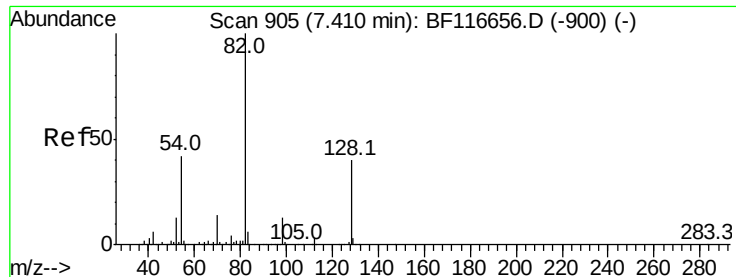
105 100

71 6.8 4.2 6.4#

51 28.0 24.6 37.0

120 20.7 17.4 26.2

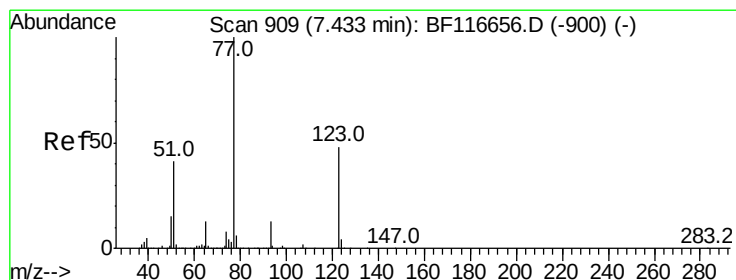
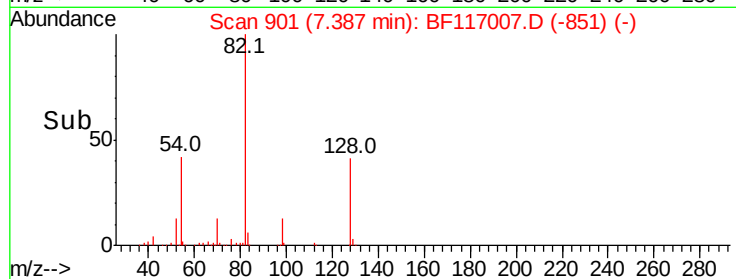
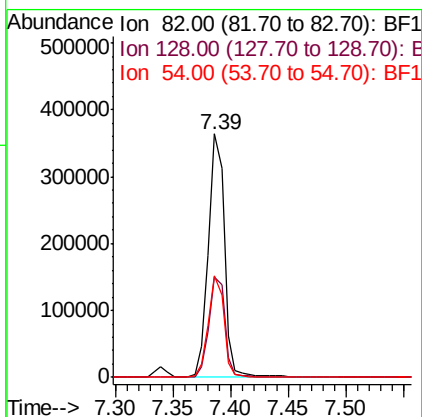
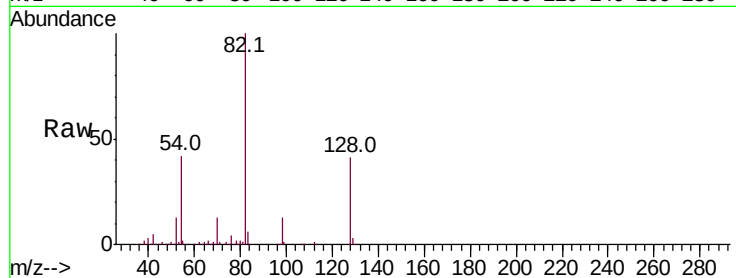




#23
 Nitrobenzene-d5
 Concen: 81.280 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

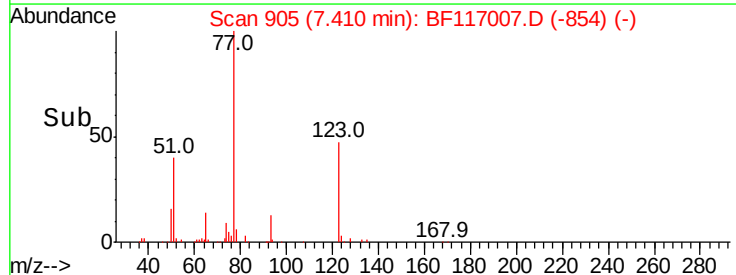
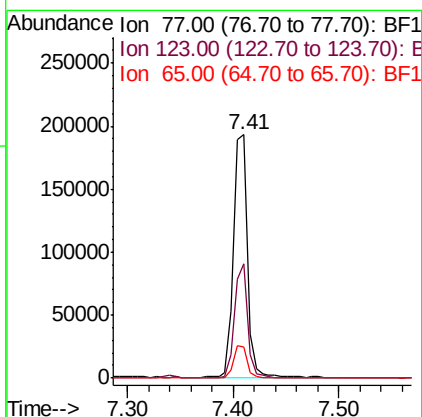
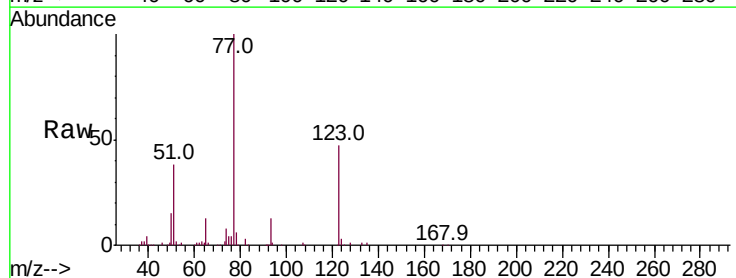
Instrument :
 BNA_F
 ClientSampled :

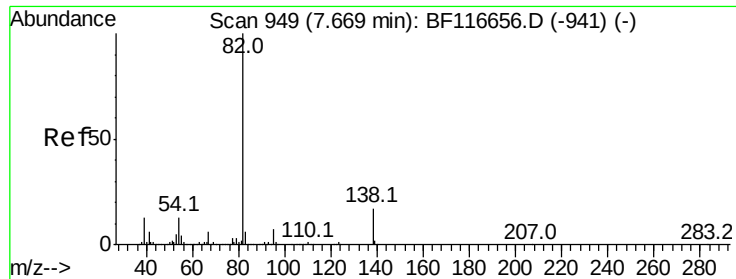
Tot Ion	82	Resp	355465
Ion	Ratio	Lower	Upper
82	100		
128	41.1	35.0	52.4
54	41.9	32.6	48.8



#24
 Nitrobenzene
 Concen: 39.413 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

Tgt Ion	77	Resp	175305
Ion	Ratio	Lower	Upper
77	100		
123	47.2	37.7	56.5
65	12.7	10.3	15.5





#25

Isophorone

Concen: 34.968 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Instrument :

BNA_F

ClientSampleId :

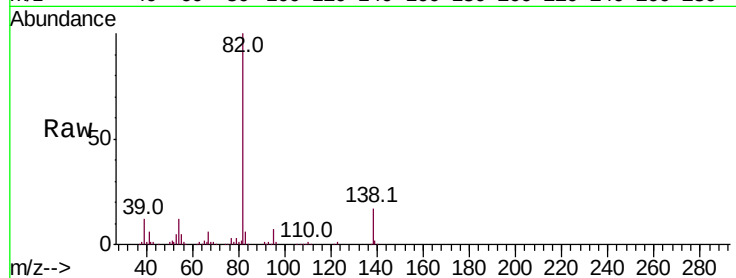
Tot Ion: 82 Resp: 309883

Ion Ratio Lower Upper

82 100

95 7.3 6.0 9.0

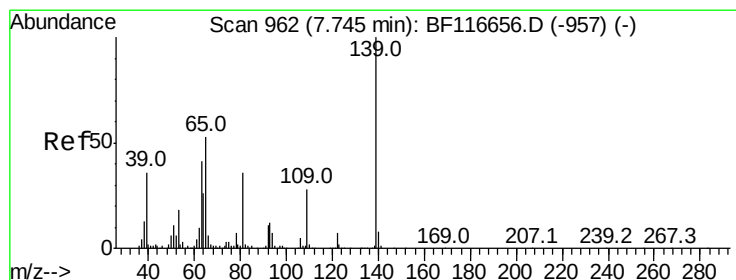
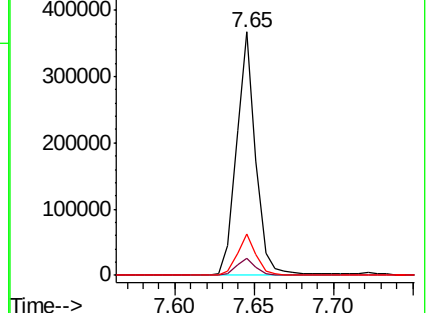
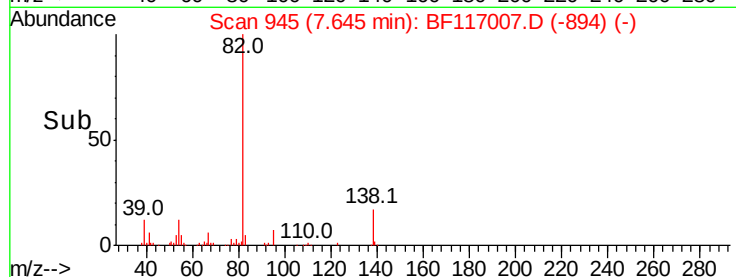
138 16.9 13.4 20.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.927 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

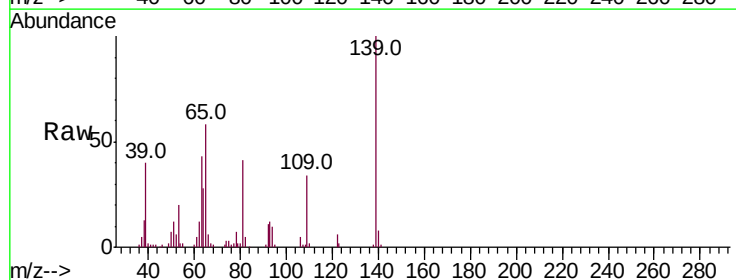
Tgt Ion: 139 Resp: 70986

Ion Ratio Lower Upper

139 100

109 33.6 26.2 39.4

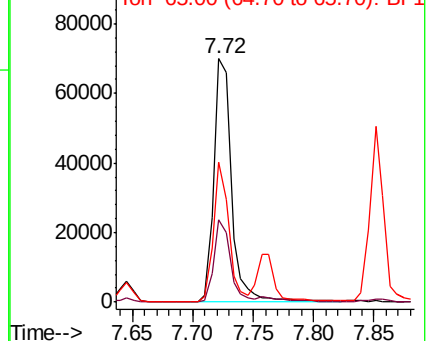
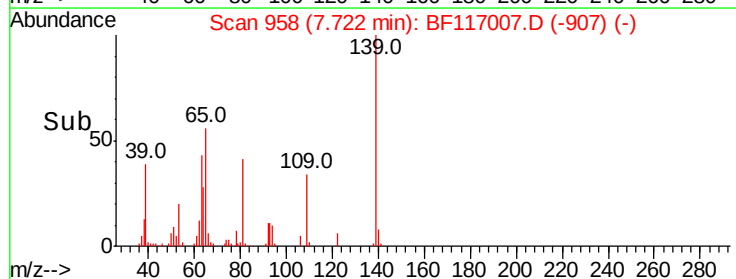
65 57.7 42.5 63.7

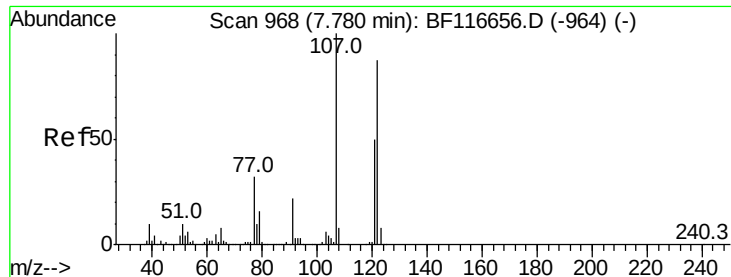


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

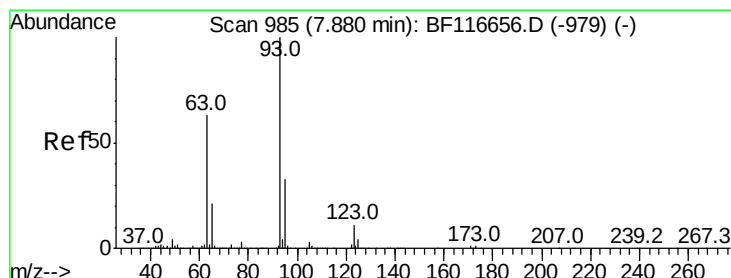
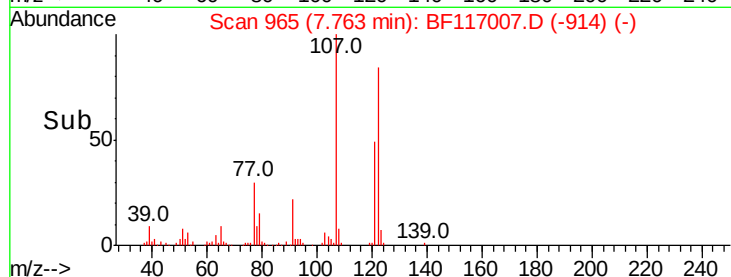
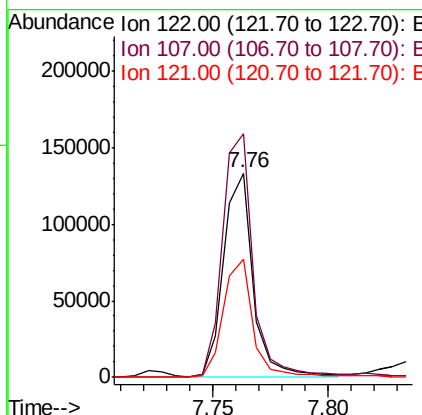
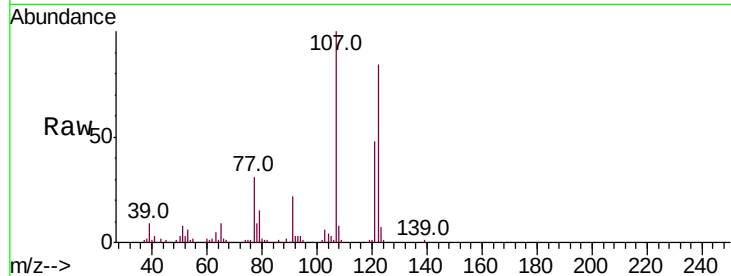




#27
2,4-Dimethylphenol
Concen: 35.896 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

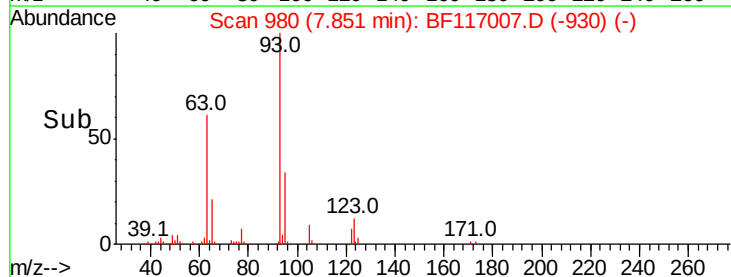
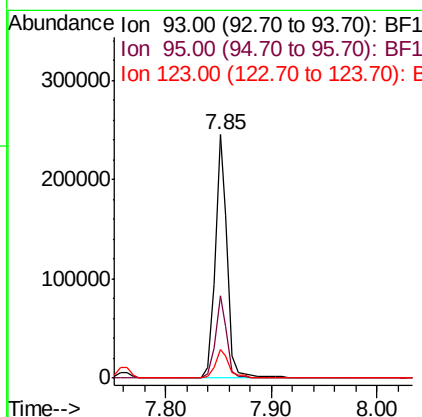
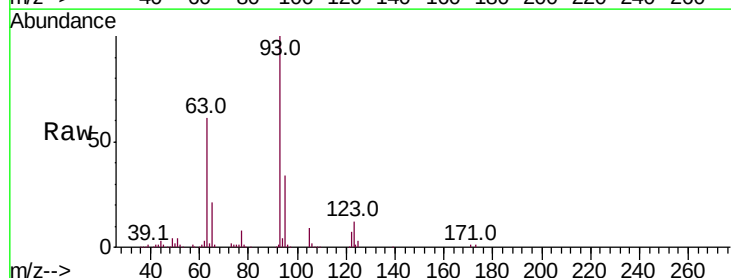
Instrument :
BNA_F
ClientSampleId :

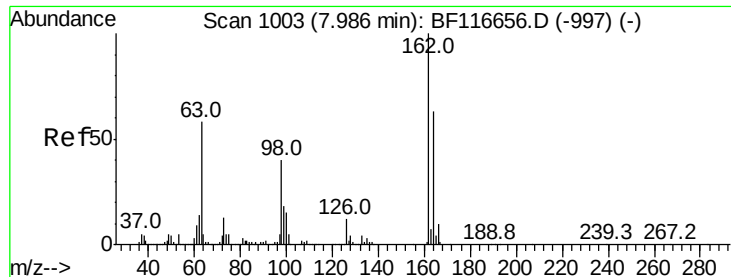
Tot Ion:122 Resp: 119880
Ion Ratio Lower Upper
122 100
107 119.1 98.8 148.2
121 57.7 44.8 67.2



#28
bis(2-Chloroethoxy)methane
Concen: 36.687 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Tgt Ion: 93 Resp: 198674
Ion Ratio Lower Upper
93 100
95 33.6 26.2 39.2
123 11.5 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 40.090 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Instrument :

BNA_F

ClientSampleId :

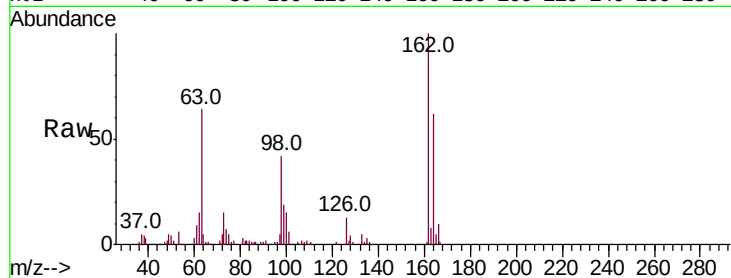
Tot Ion:162 Resp: 128670

Ion Ratio Lower Upper

162 100

164 62.5 43.8 83.8

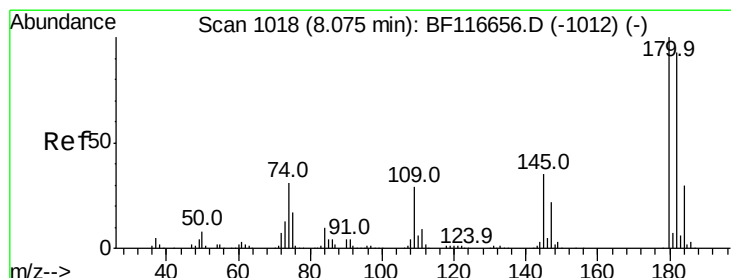
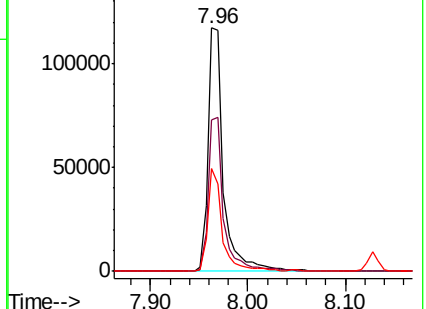
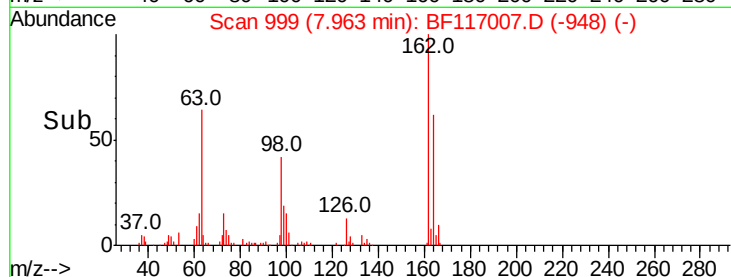
98 42.3 22.8 62.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.427 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

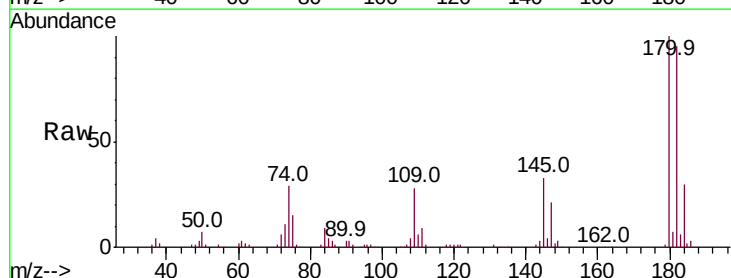
Tgt Ion:180 Resp: 137250

Ion Ratio Lower Upper

180 100

182 94.6 77.3 115.9

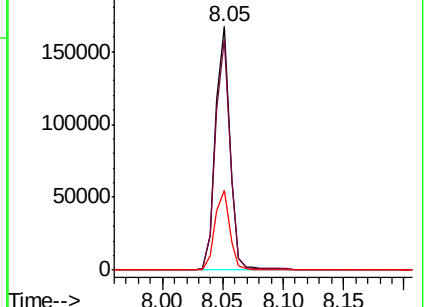
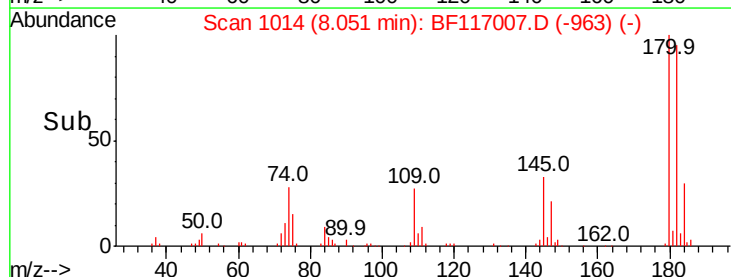
145 32.6 27.4 41.2

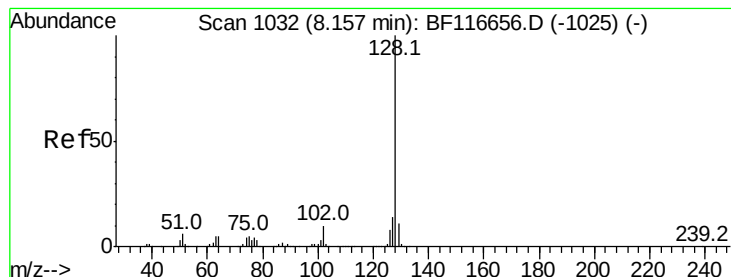


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.247 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF117007.D

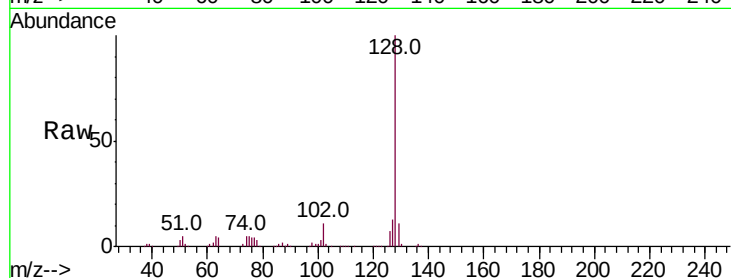
Acq: 12 Sep 2019 22:57

Instrument :

BNA_F

ClientSampleId :

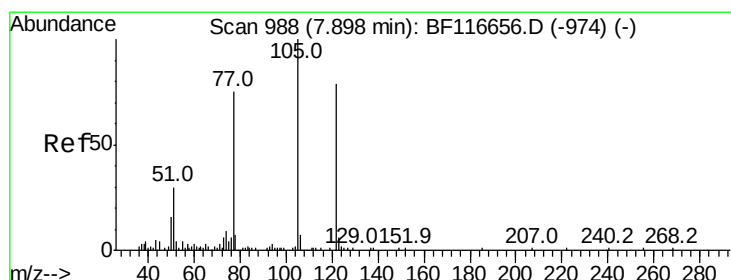
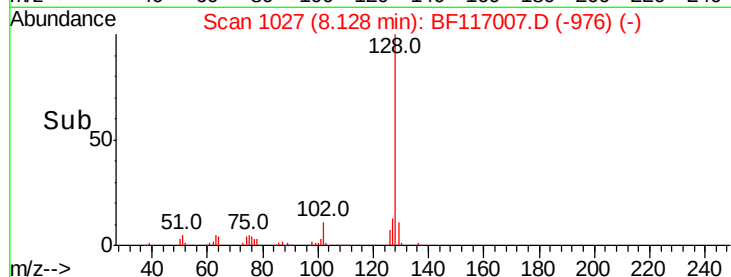
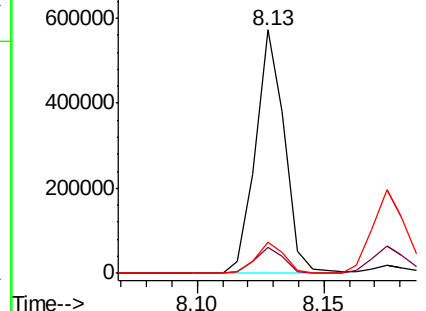
Tot Ion:128	Resp:	454055
Ion Ratio	Lower	Upper
128	100	
129	10.9	9.2 13.8
127	13.0	10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.536 ng

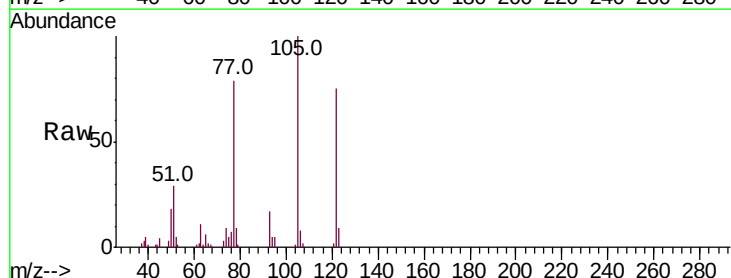
RT: 7.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

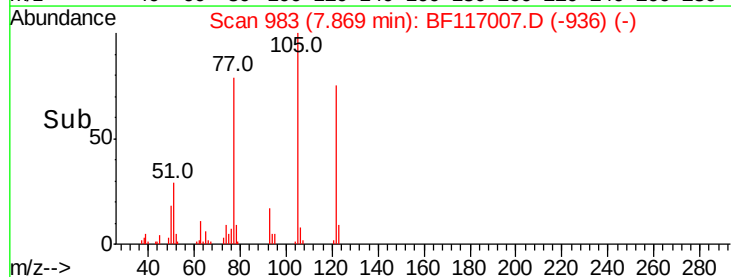
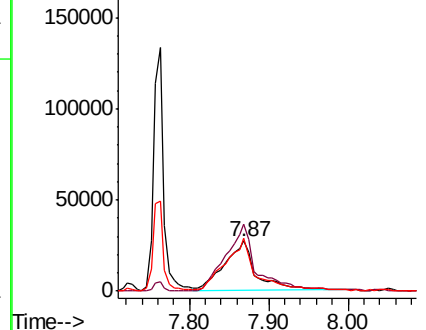
Tgt Ion:122	Resp:	74553
Ion Ratio	Lower	Upper
122	100	
105	133.5	105.8 145.8
77	105.8	74.3 114.3

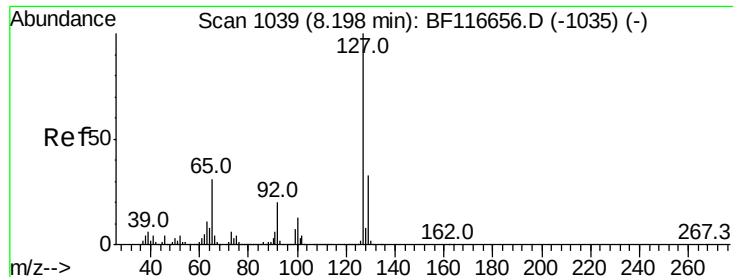


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

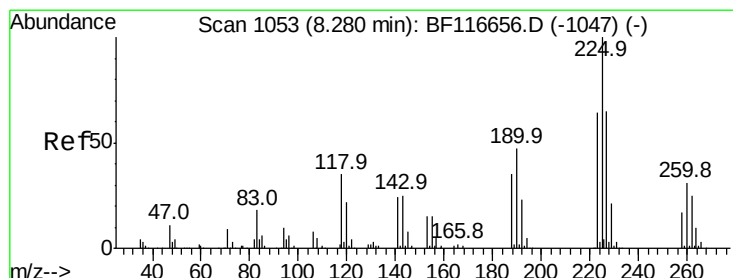
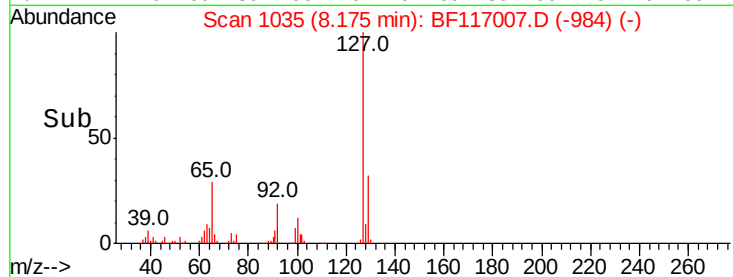
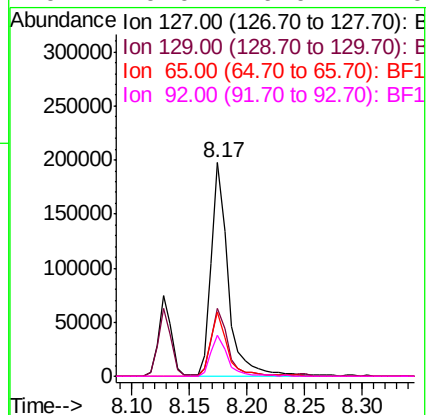
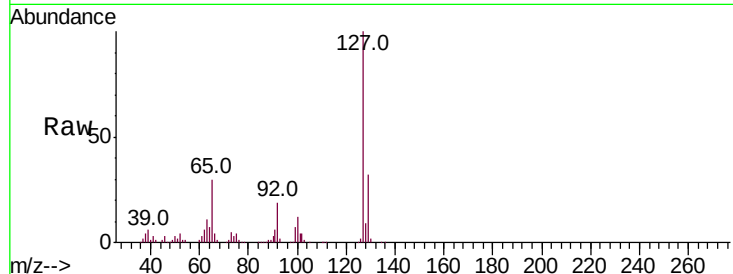




#33
4-Chloroaniline
Concen: 37.359 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

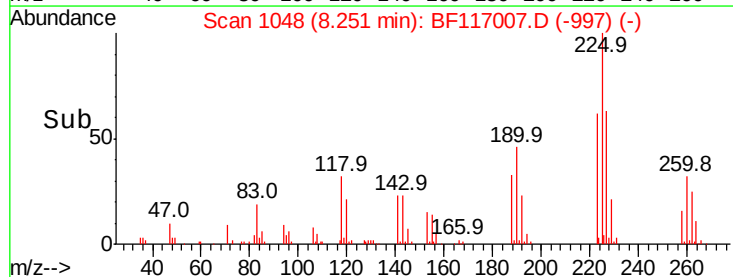
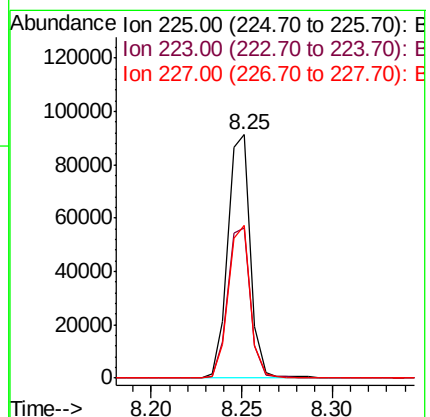
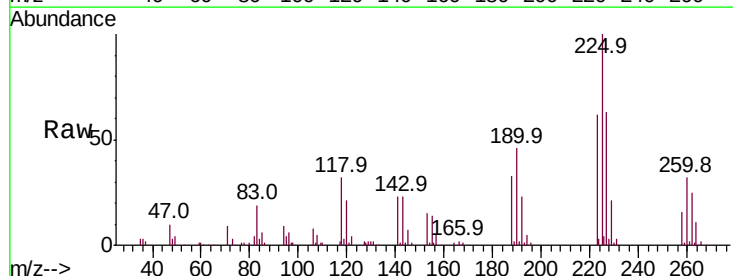
Instrument :
BNA_F
ClientSampleId :

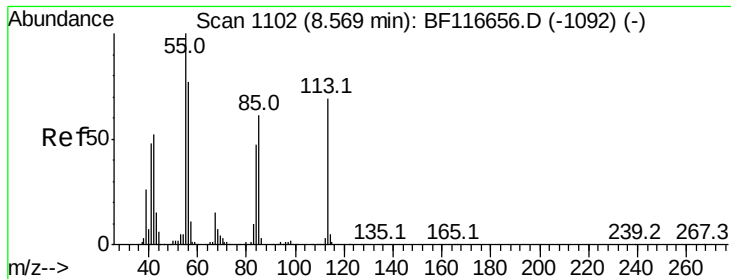
Tot Ion:	127	Resp:	201886
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	29.9	25.3	37.9
92	19.0	16.0	24.0



#34
Hexachlorobutadiene
Concen: 41.680 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Tgt Ion:	225	Resp:	79113
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.8	74.6
227	62.8	50.6	75.8

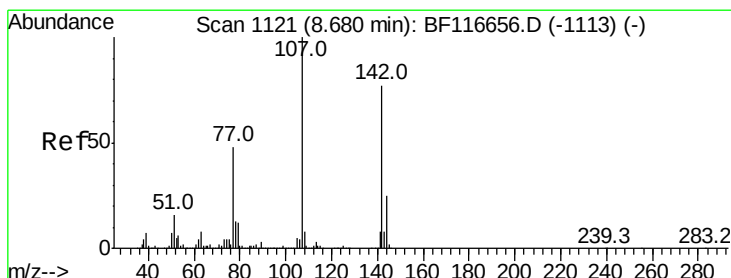
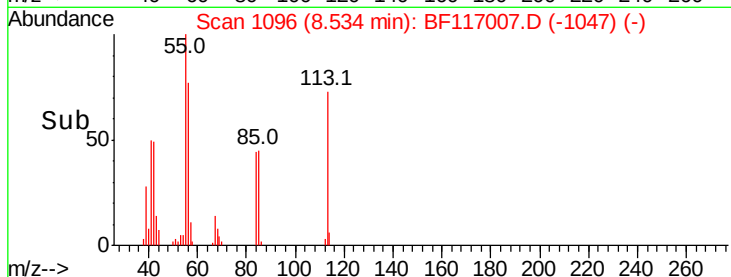
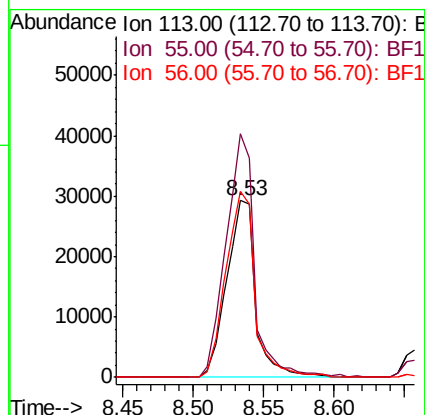
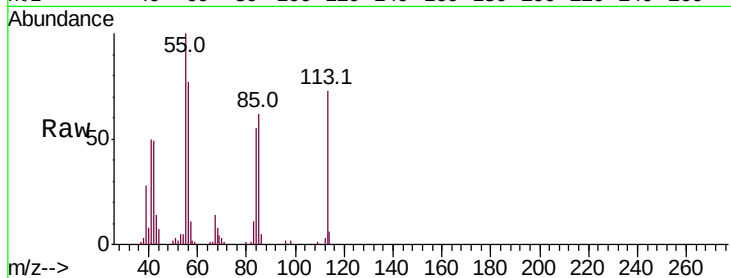




#35
 Caprolactam
 Concen: 34.623 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

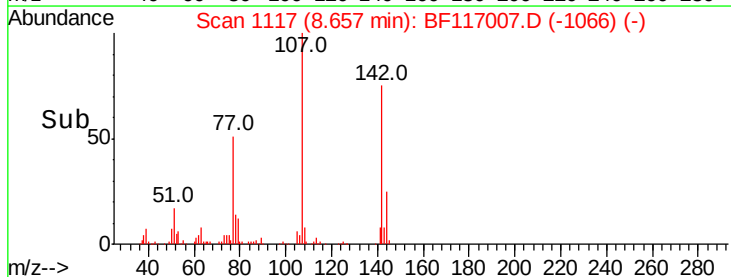
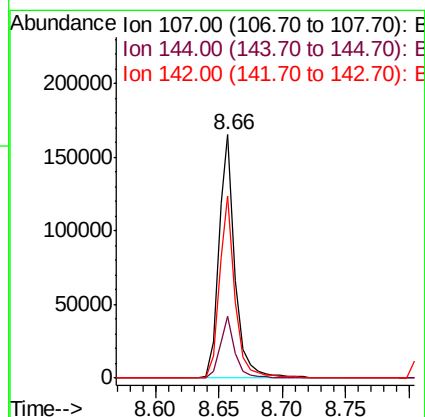
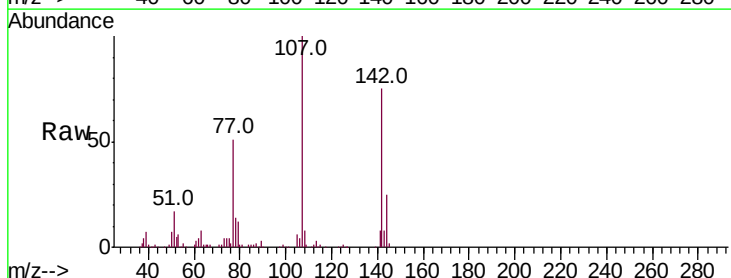
Instrument :
 BNA_F
 ClientSampleId :

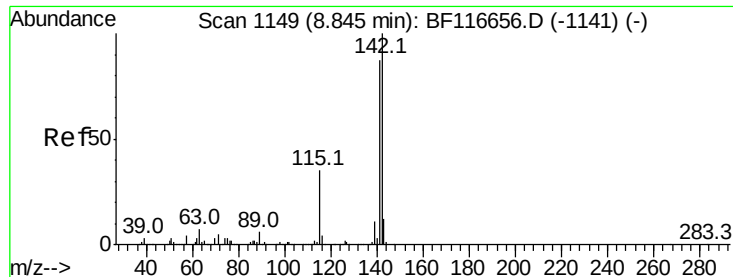
Tot Ion:113 Resp: 41587
 Ion Ratio Lower Upper
 113 100
 55 137.8 116.6 156.6
 56 105.5 91.3 131.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.437 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

Tgt Ion:107 Resp: 149162
 Ion Ratio Lower Upper
 107 100
 144 25.3 18.6 28.0
 142 74.7 55.9 83.9





#37

2-Methylnaphthalene

Concen: 39.547 ng

RT: 8.82 min Scan# 1144

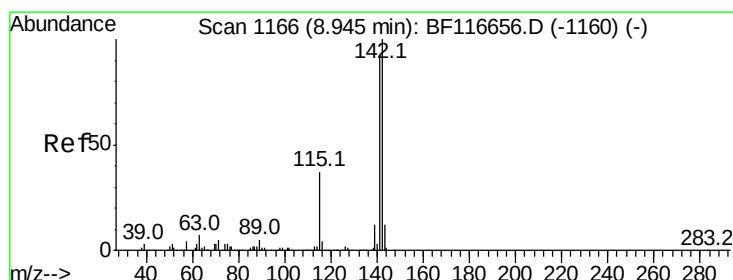
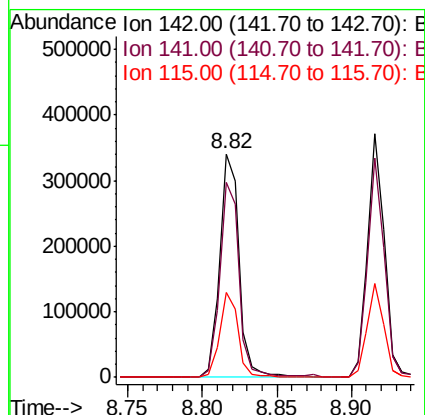
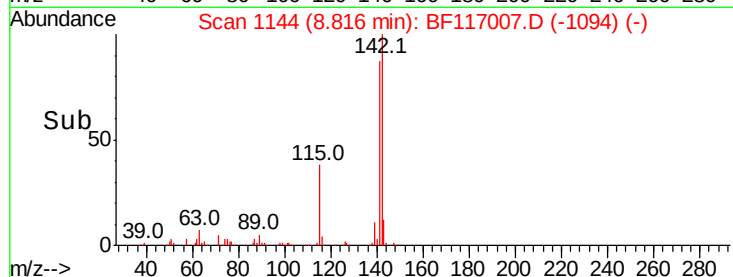
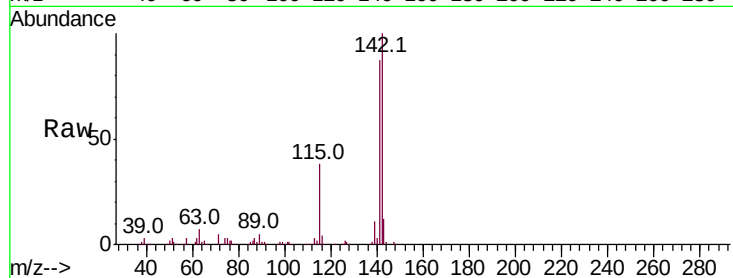
Delta R.T. -0.01 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.5	105.7
115	38.0	27.7	41.5



#38

1-Methylnaphthalene

Concen: 39.293 ng

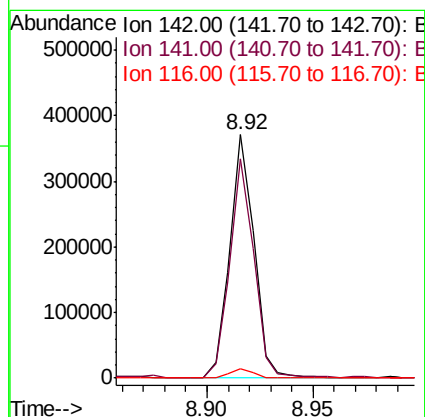
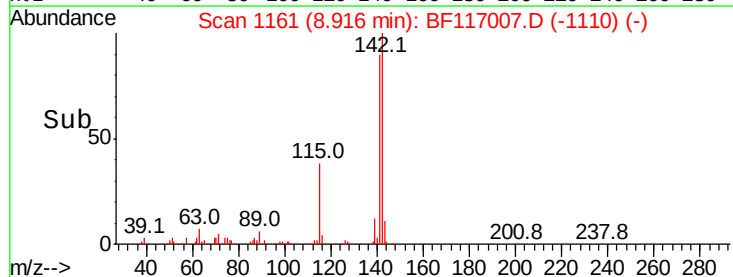
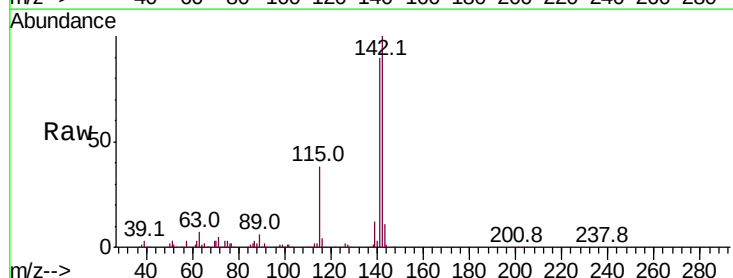
RT: 8.92 min Scan# 1161

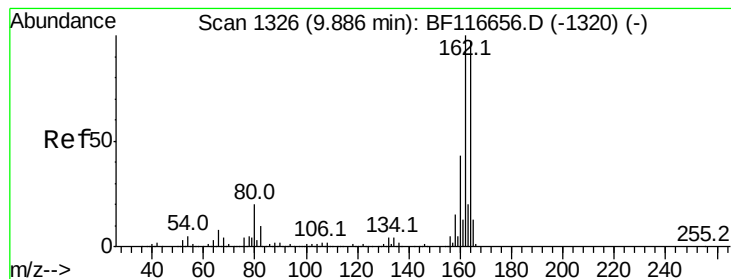
Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.9	107.9
116	3.8	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Instrument :
BNA_F
ClientSampleId :

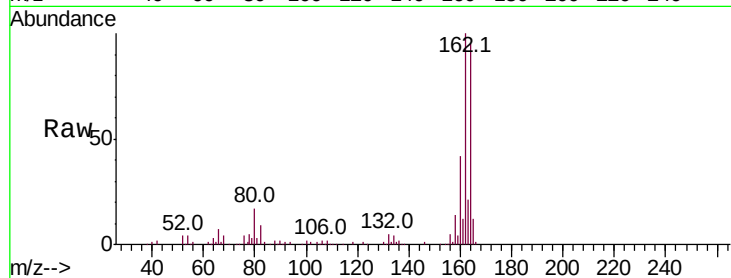
Tot Ion:164 Resp: 130625

Ion Ratio Lower Upper

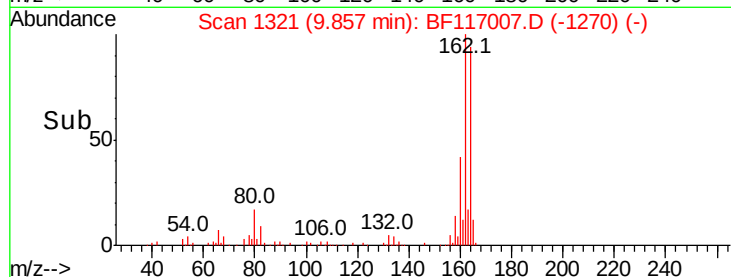
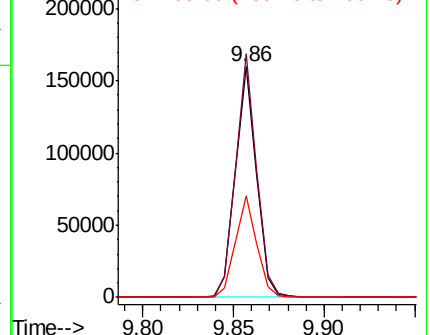
164 100

162 105.7 81.8 122.6

160 44.2 35.7 53.5



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.273 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Tgt Ion:216 Resp: 129238

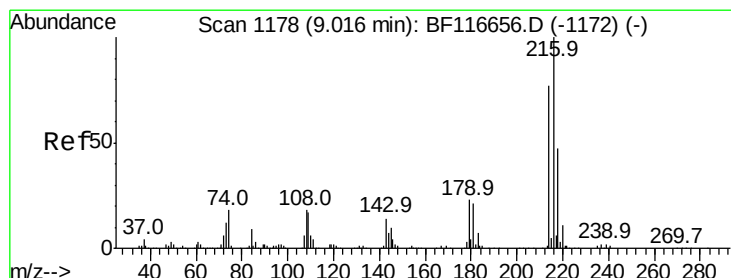
Ion Ratio Lower Upper

216 100

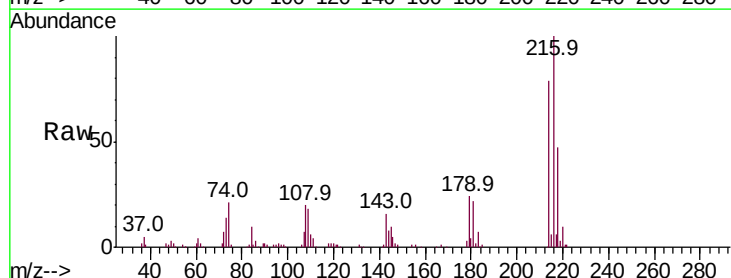
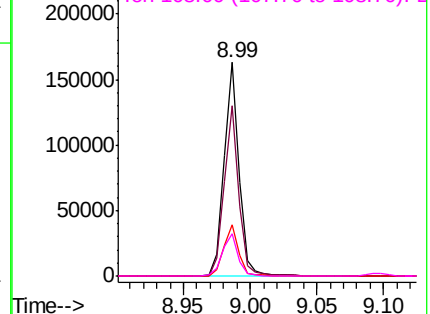
214 77.7 63.4 95.2

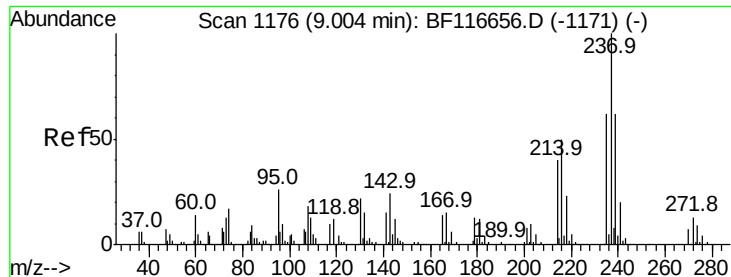
179 23.8 19.3 28.9

108 20.3 18.7 28.1



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

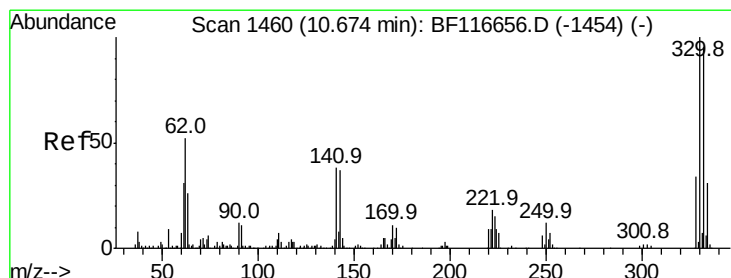
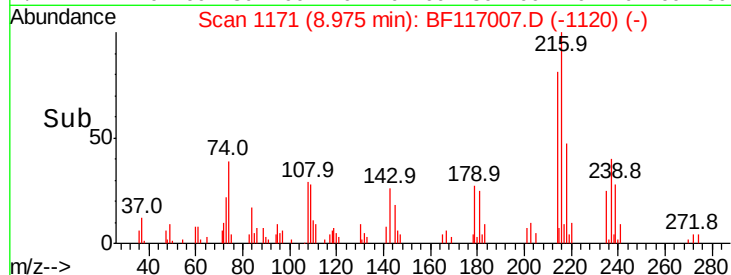
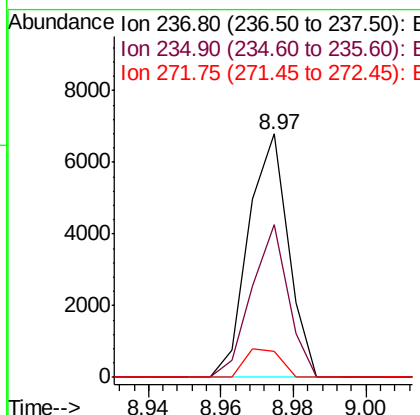
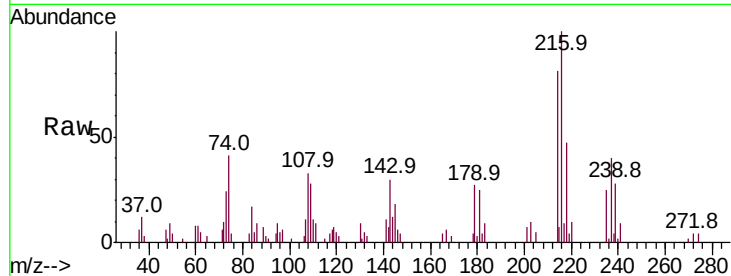




#41
Hexachlorocyclopentadiene
Concen: 2.862 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

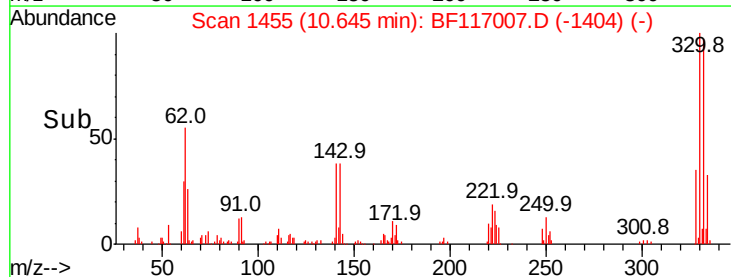
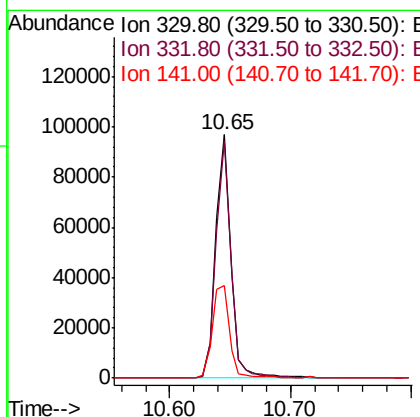
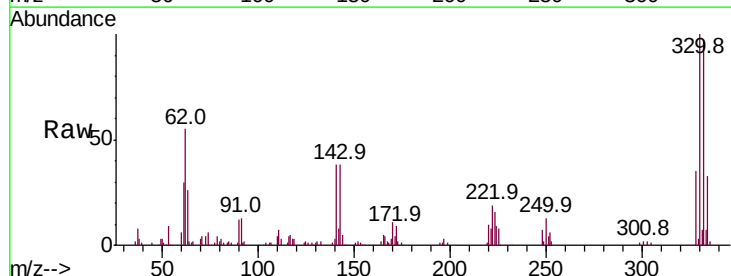
Instrument :
BNA_F
ClientSampleId :

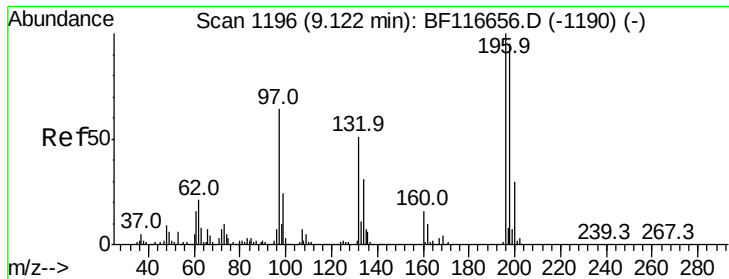
Tot Ion:237 Resp: 5176
Ion Ratio Lower Upper
237 100
235 62.5 45.8 85.8
272 10.6 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 94.895 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Tgt Ion:330 Resp: 82868
Ion Ratio Lower Upper
330 100
332 96.3 75.9 113.9
141 43.6 35.6 53.4

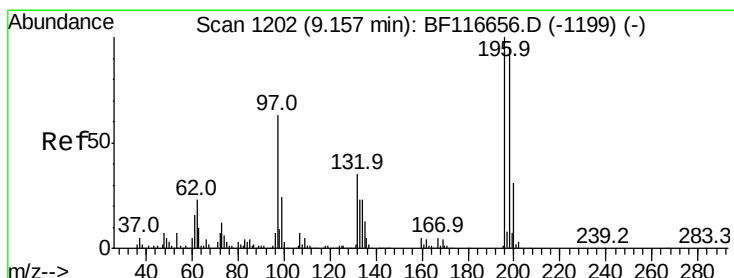
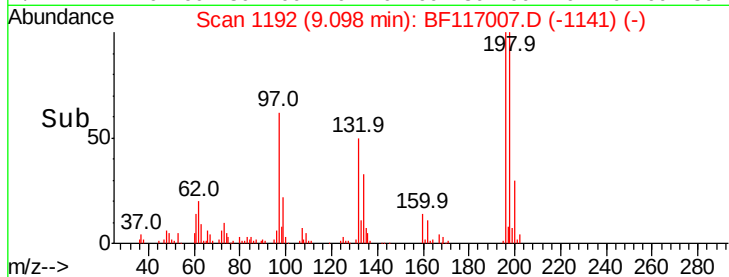
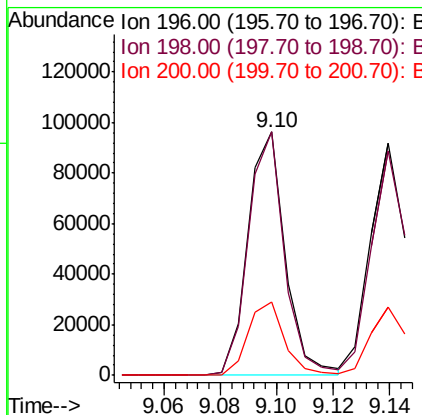
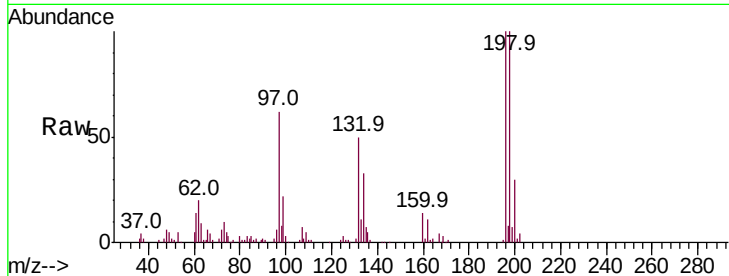




#43
 2,4,6-Trichlorophenol
 Concen: 41.117 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

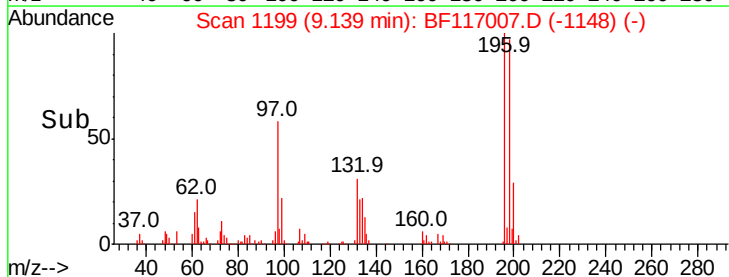
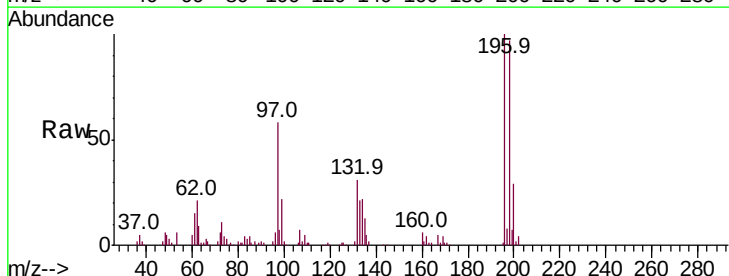
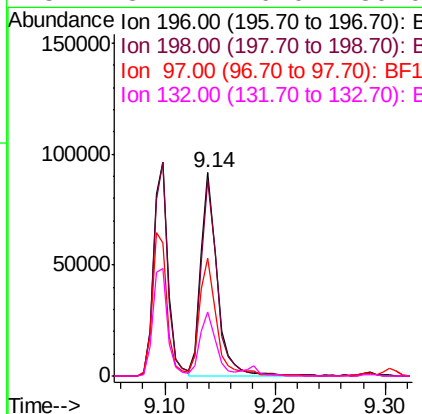
Instrument :
 BNA_F
 ClientSampleId :

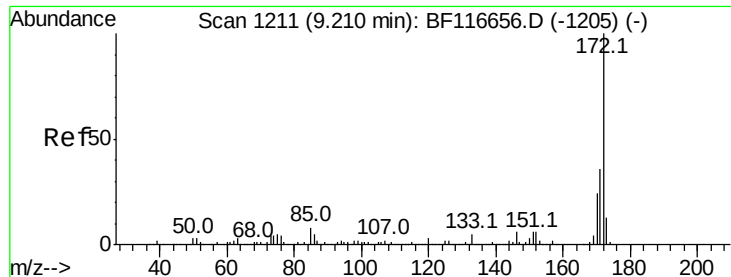
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.9	77.4	116.0
200	30.1	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 41.395 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	74.7	112.1
97	58.1	45.4	68.0
132	31.4	26.0	39.0

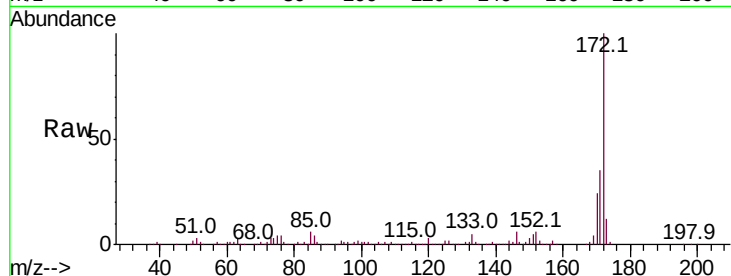




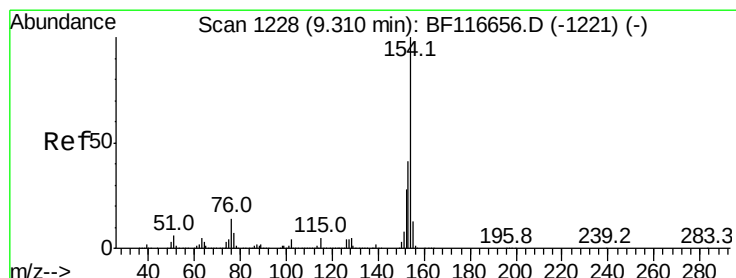
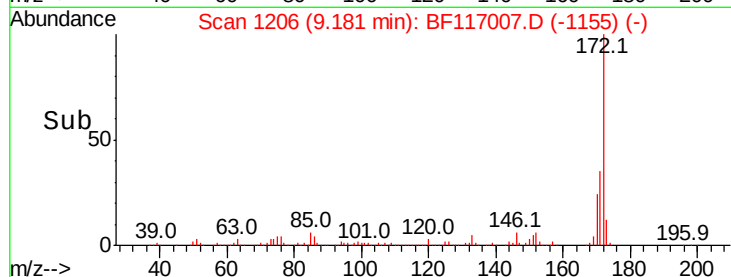
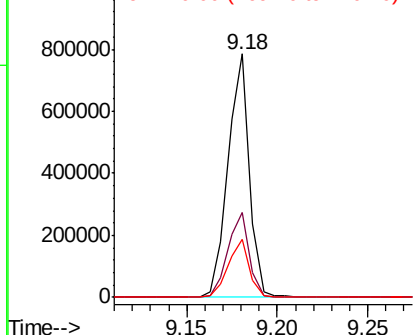
#45
2-Fluorobiphenyl
Concen: 83.652 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 647763
Ion Ratio Lower Upper
172 100
171 35.0 29.1 43.7
170 23.9 19.2 28.8

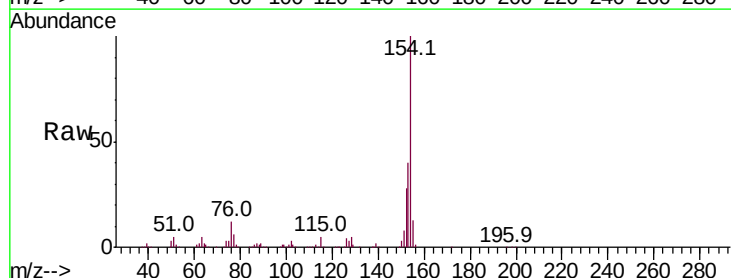


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

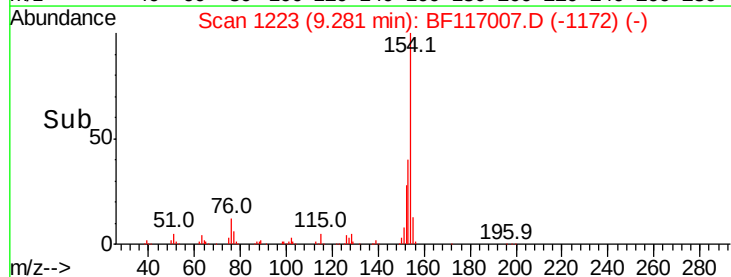
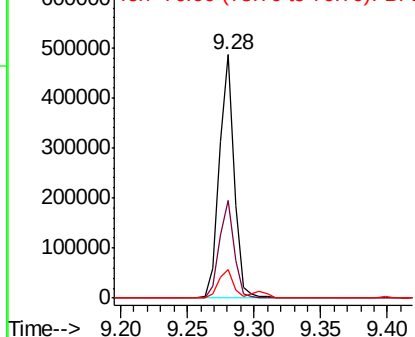


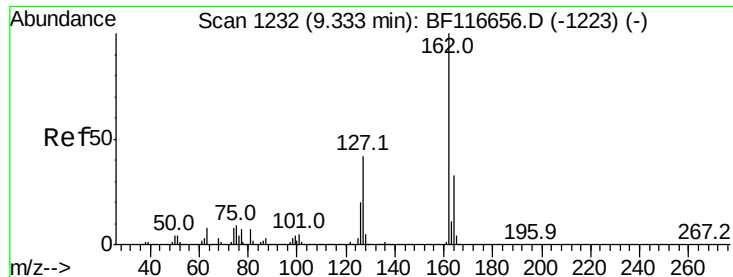
#46
1,1'-Biphenyl
Concen: 38.850 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Tgt Ion:154 Resp: 385075
Ion Ratio Lower Upper
154 100
153 40.2 19.8 59.8
76 11.6 0.0 32.8



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





#47

2-Chloronaphthalene

Concen: 38.534 ng

RT: 9.30 min Scan# 1227

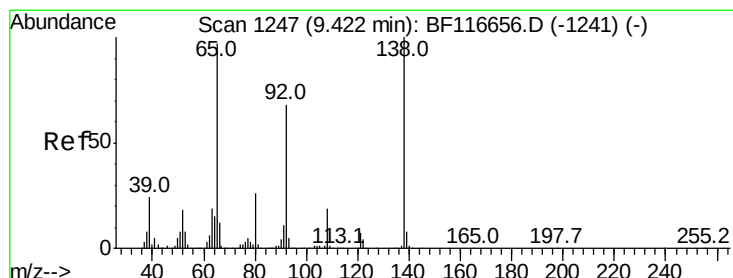
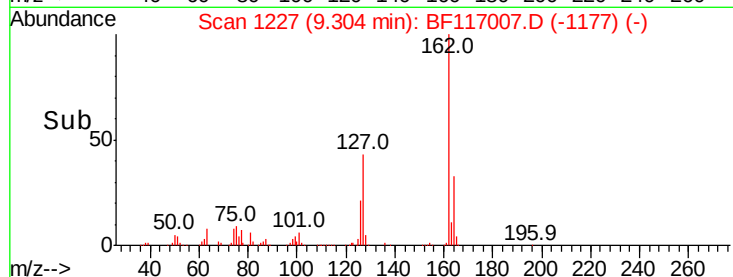
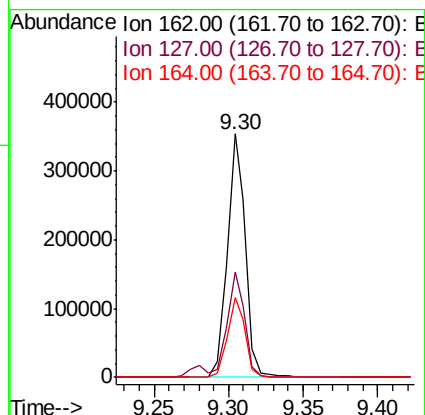
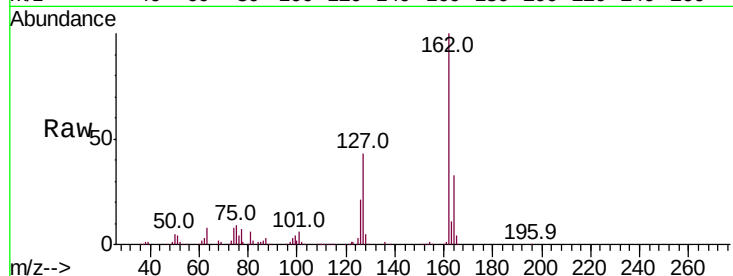
Delta R.T. -0.01 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.0	32.7	49.1
164	32.6	27.0	40.4



#48

2-Nitroaniline

Concen: 42.796 ng

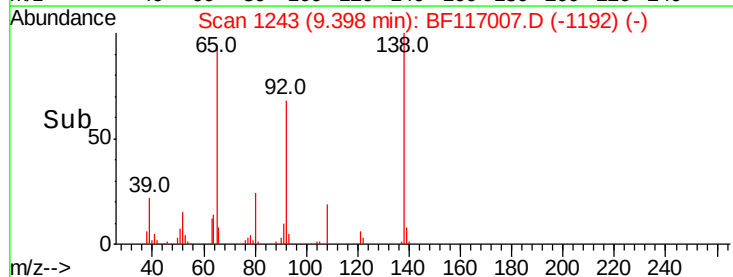
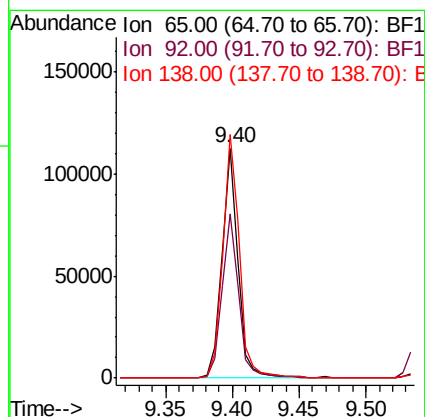
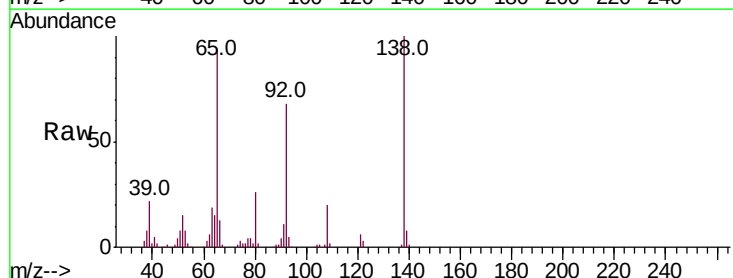
RT: 9.40 min Scan# 1243

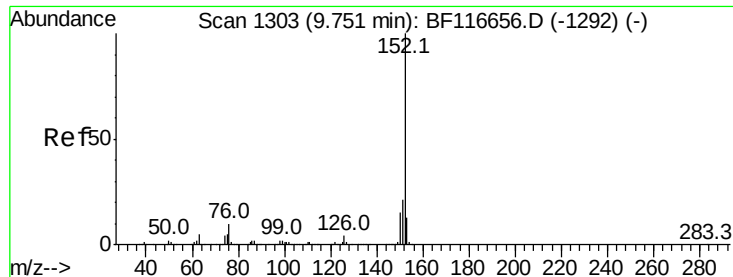
Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	59.0	88.6
138	105.8	84.2	126.2





#49

Acenaphthylene

Concen: 38.864 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Instrument :

BNA_F

ClientSampleId :

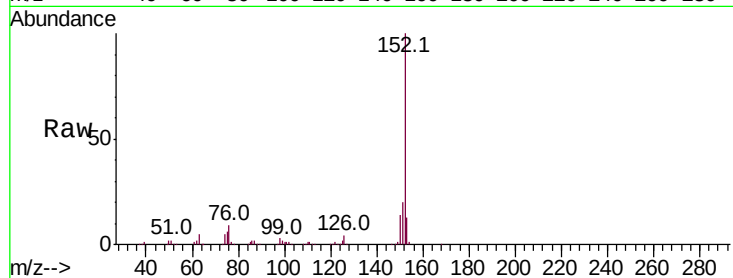
Tot Ion:152 Resp: 461214

Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

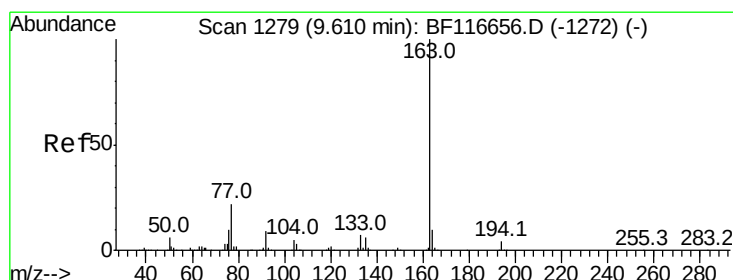
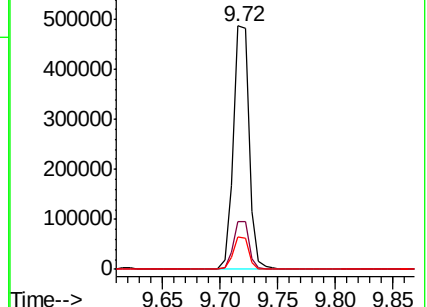
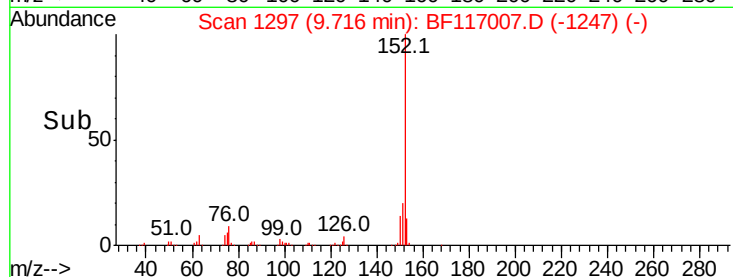
153 13.1 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.164 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

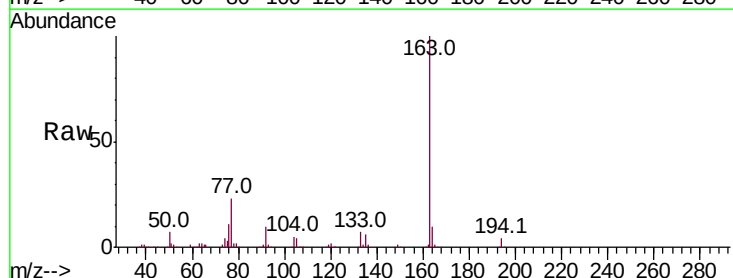
Tgt Ion:163 Resp: 353196

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

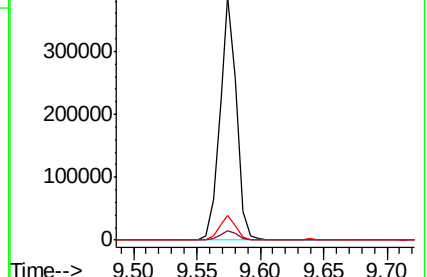
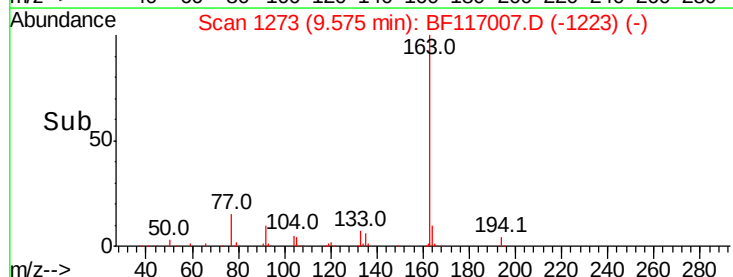
164 10.2 8.2 12.4

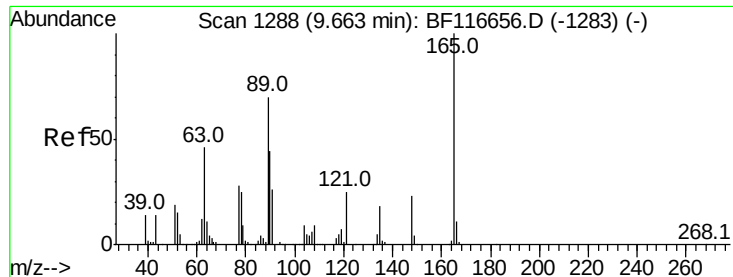


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

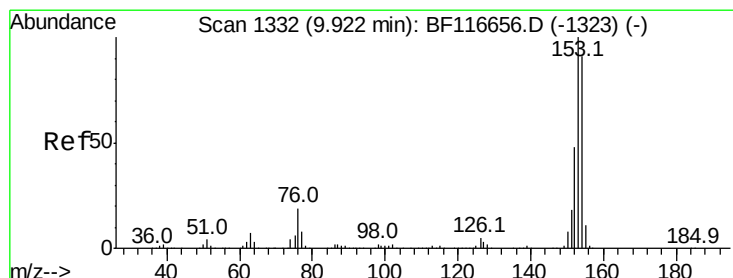
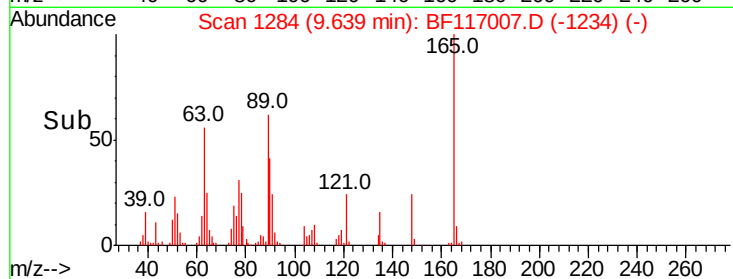
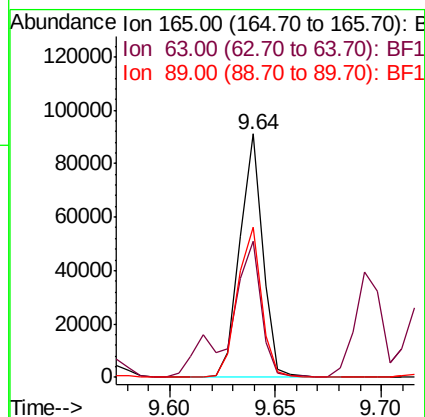
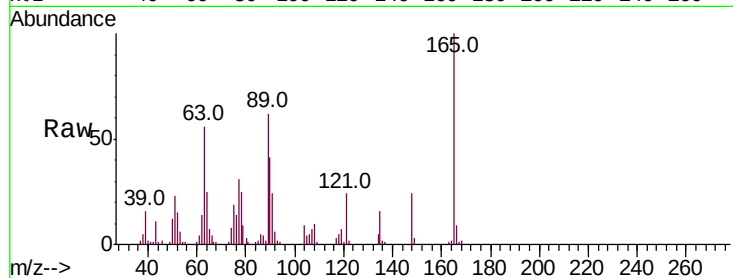




#51
2,6-Dinitrotoluene
Concen: 39.619 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

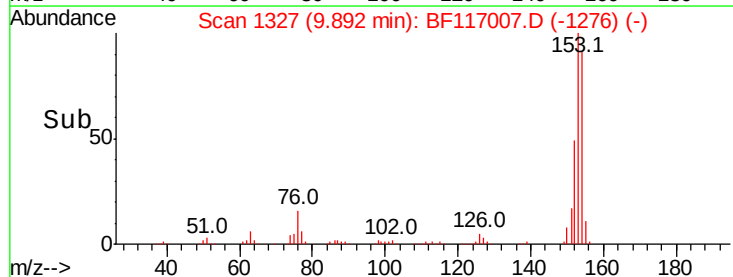
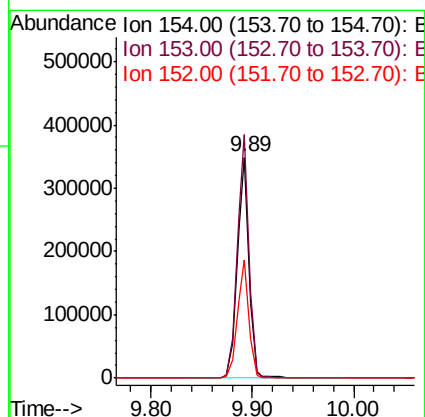
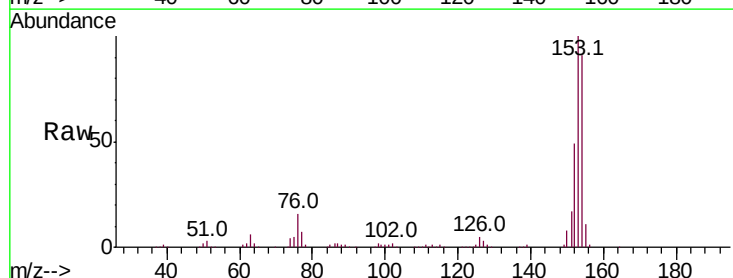
Instrument :
BNA_F
ClientSampleId :

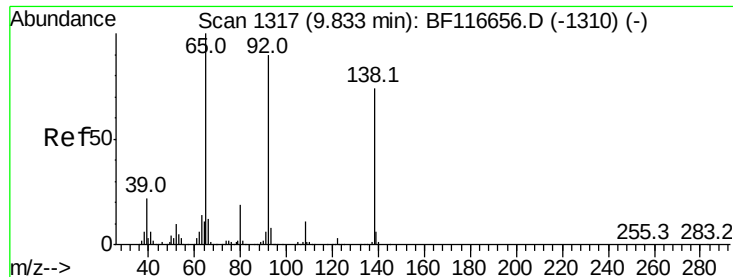
Tot Ion:165 Resp: 68169
Ion Ratio Lower Upper
165 100
63 56.0 38.0 57.0
89 61.8 44.1 66.1



#52
Acenaphthene
Concen: 38.157 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Tgt Ion:154 Resp: 278231
Ion Ratio Lower Upper
154 100
153 110.3 89.9 134.9
152 53.5 42.6 63.8

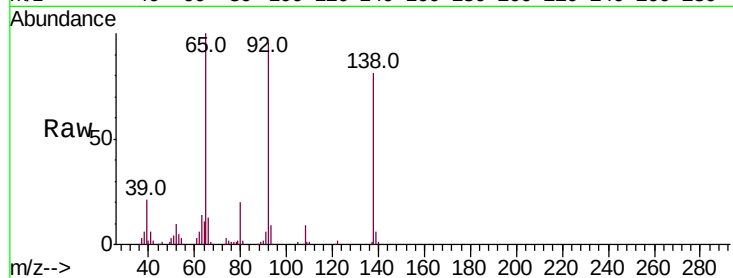




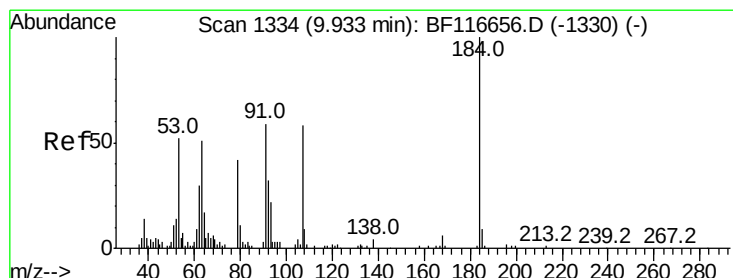
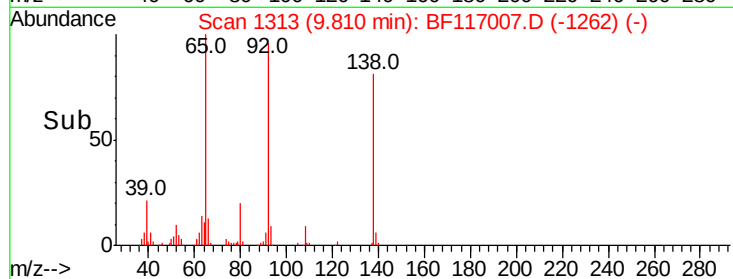
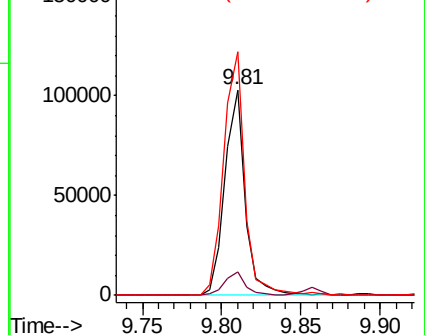
#53
3-Nitroaniline
Concen: 42.675 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 92019
Ion Ratio Lower Upper
138 100
108 11.3 9.3 13.9
92 118.4 98.9 148.3

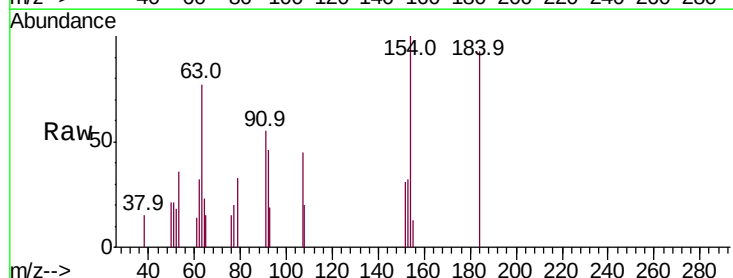


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

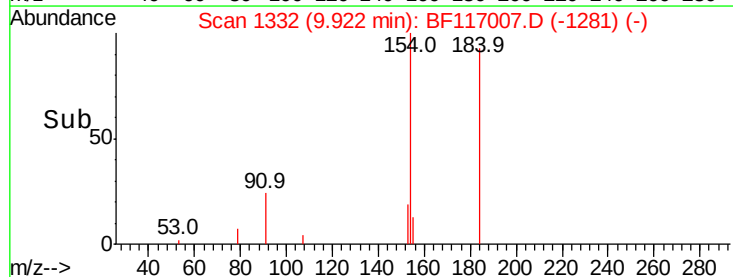
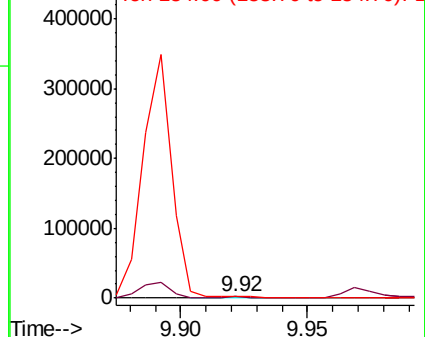


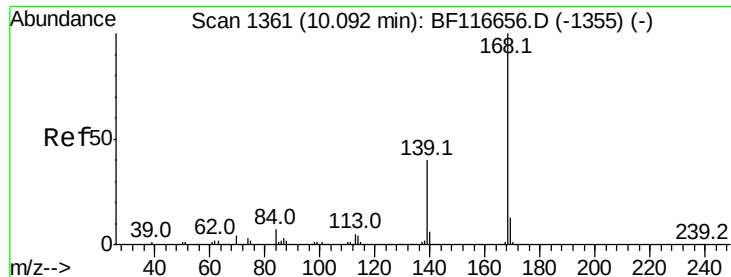
#54
2,4-Dinitrophenol
Concen: 12.946 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Tgt Ion:184 Resp: 2688
Ion Ratio Lower Upper
184 100
63 82.0 49.0 73.4#
154 107.1 58.3 87.5#



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

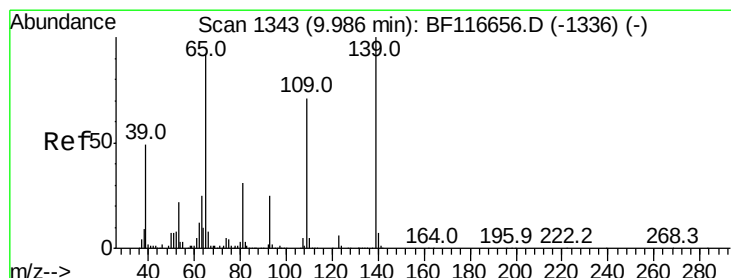
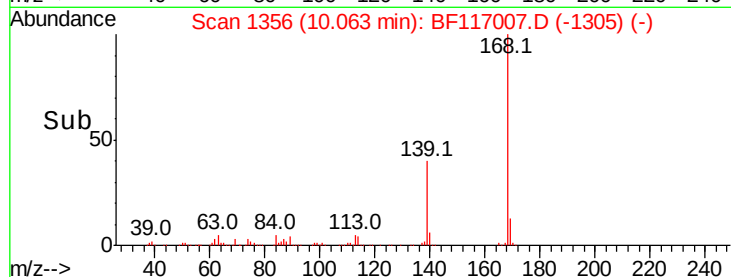
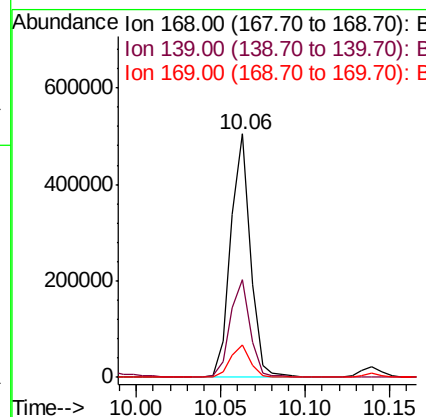
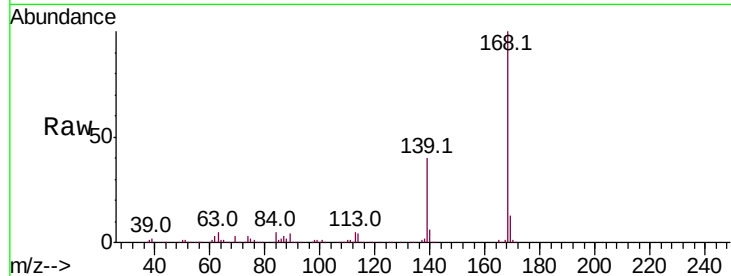




#55
Dibenzofuran
Concen: 39.832 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

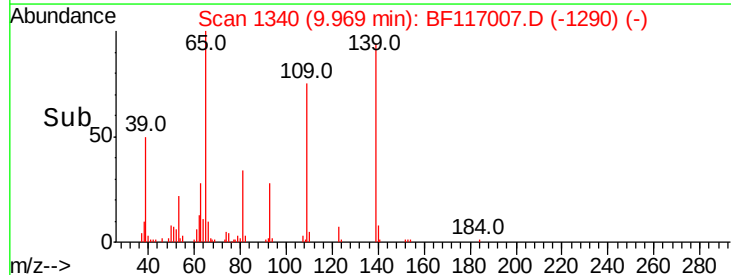
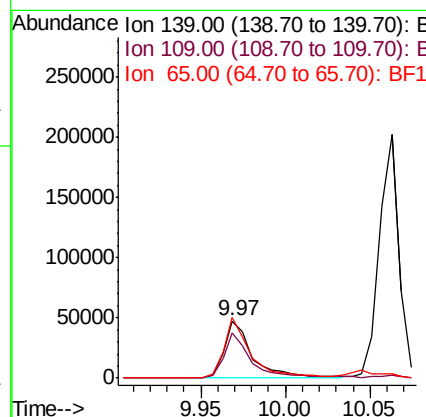
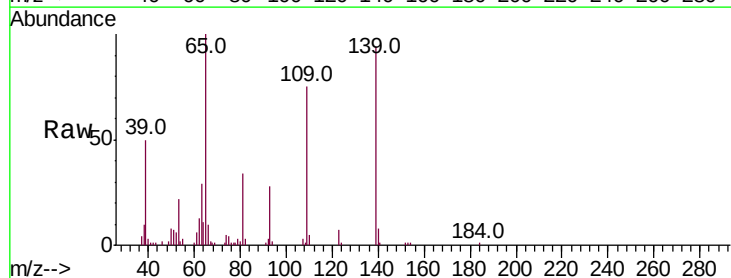
Instrument :
BNA_F
ClientSampleId :

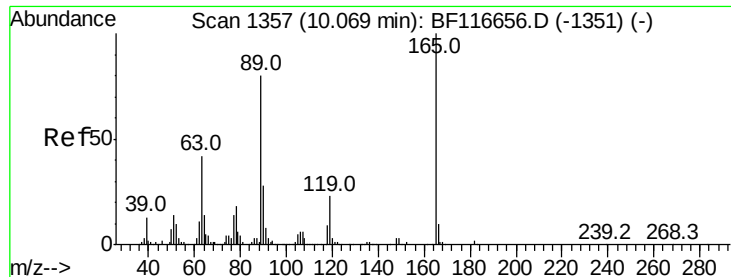
Tot Ion:168 Resp: 409444
Ion Ratio Lower Upper
168 100
139 40.1 34.2 51.4
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 37.854 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Tgt Ion:139 Resp: 55968
Ion Ratio Lower Upper
139 100
109 79.7 54.0 94.0
65 106.2 74.0 114.0

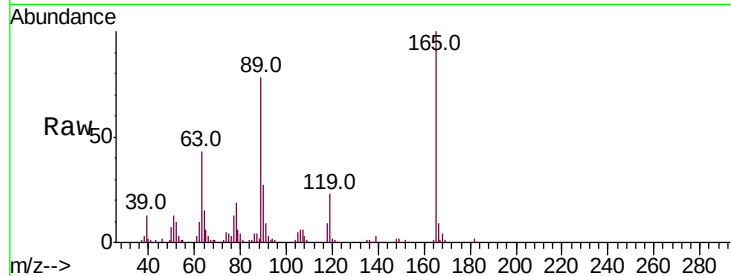




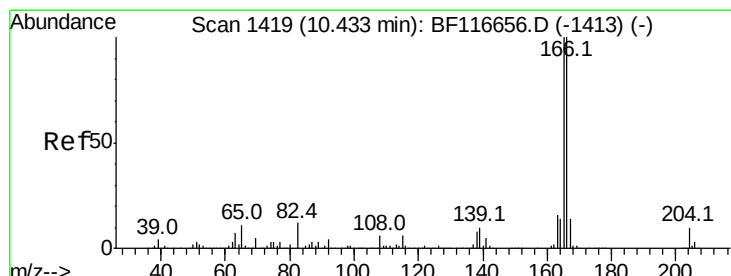
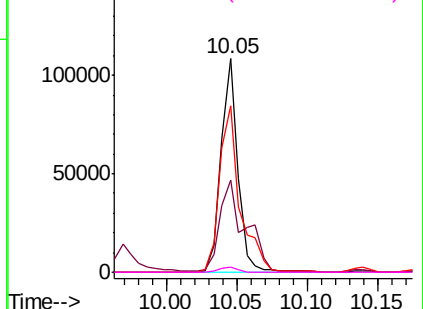
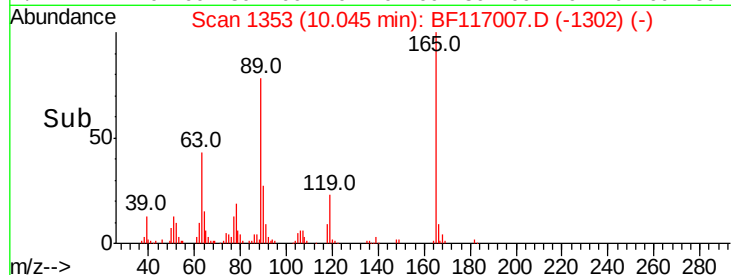
#57
 2,4-Dinitrotoluene
 Concen: 42.825 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 90099
 Ion Ratio Lower Upper
 165 100
 63 43.0 36.2 54.2
 89 77.8 66.1 99.1
 182 2.2 1.8 2.8

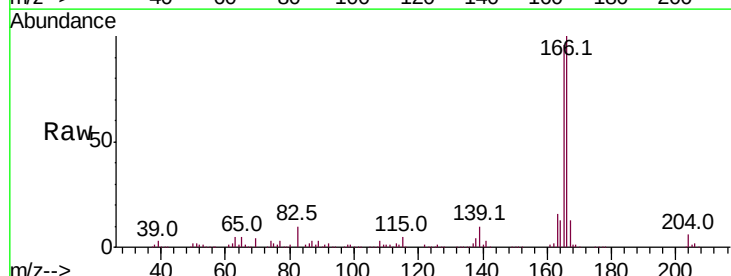


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

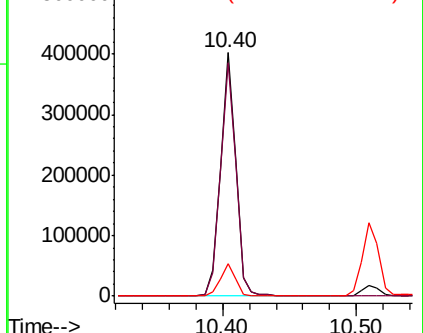
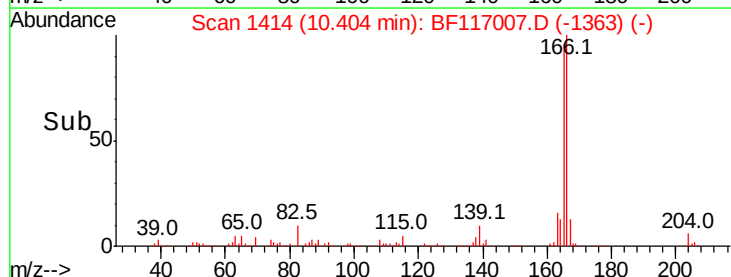


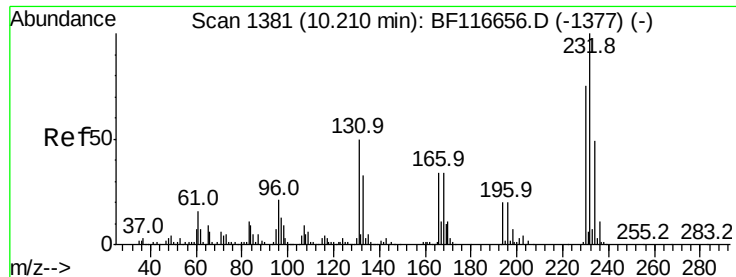
#58
 Fluorene
 Concen: 41.901 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

Tgt Ion:166 Resp: 328179
 Ion Ratio Lower Upper
 166 100
 165 96.0 77.0 115.6
 167 13.1 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

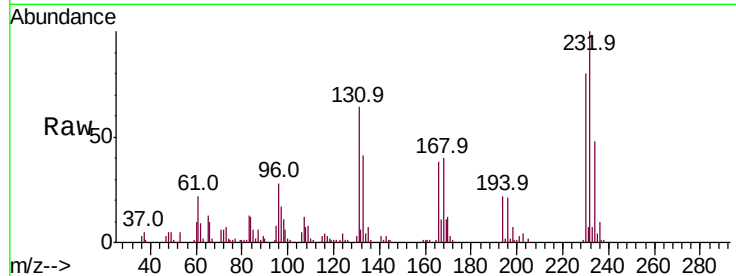




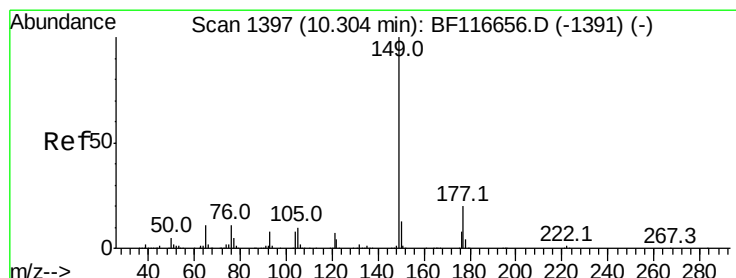
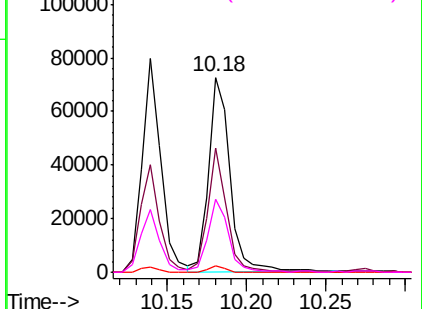
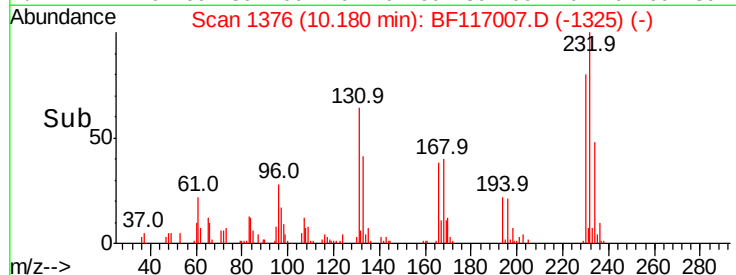
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.508 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 68366
 Ion Ratio Lower Upper
 232 100
 131 58.4 46.1 69.1
 130 2.4 2.2 3.4
 166 36.5 29.1 43.7

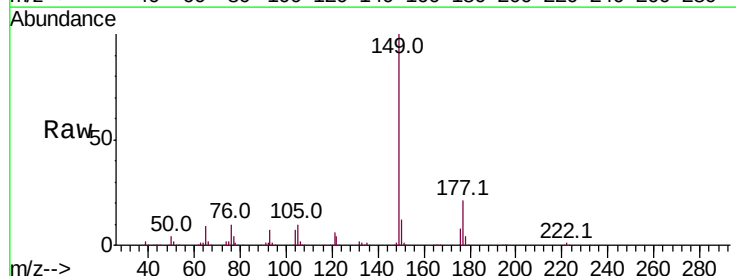


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

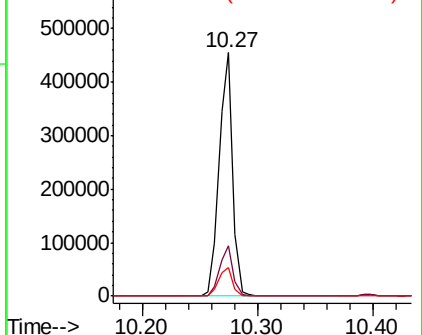
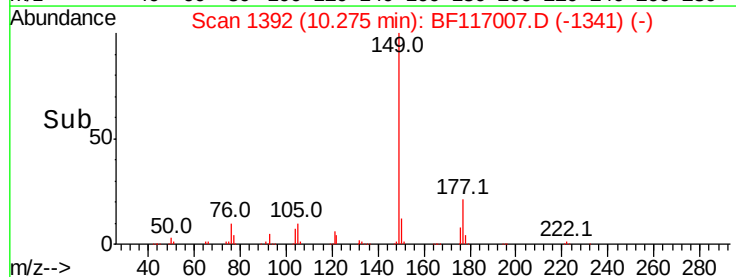


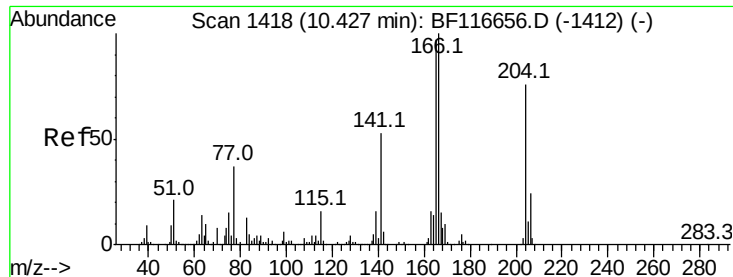
#60
 Diethylphthalate
 Concen: 40.748 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

Tgt Ion:149 Resp: 368107
 Ion Ratio Lower Upper
 149 100
 177 20.5 15.9 23.9
 150 11.9 10.0 15.0



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

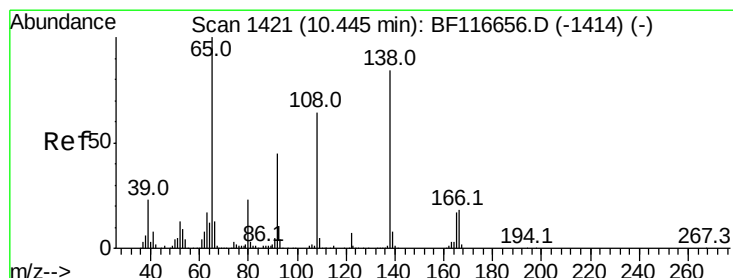
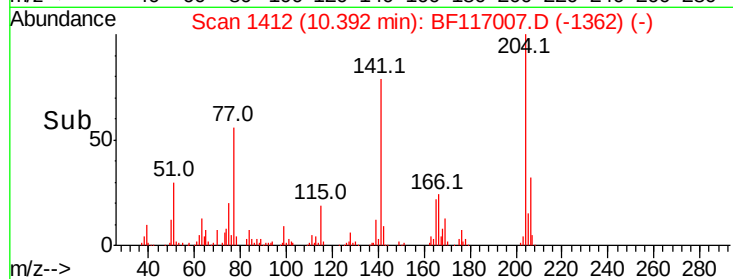
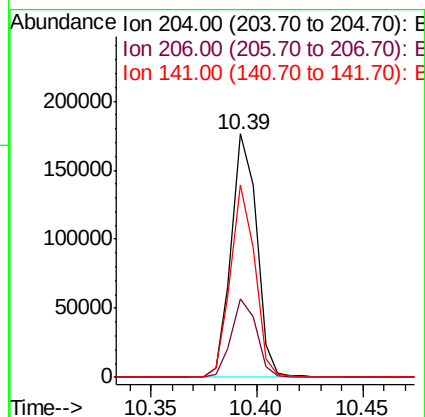
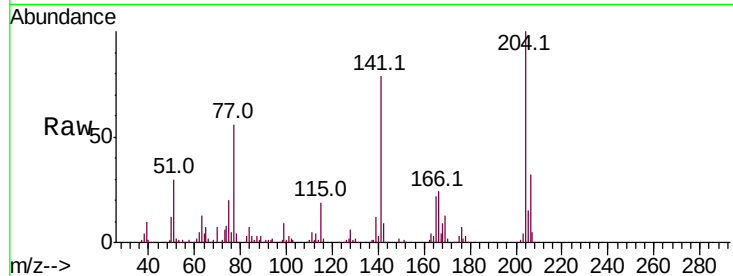




#61
4-Chlorophenyl-phenylether
Concen: 42.950 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

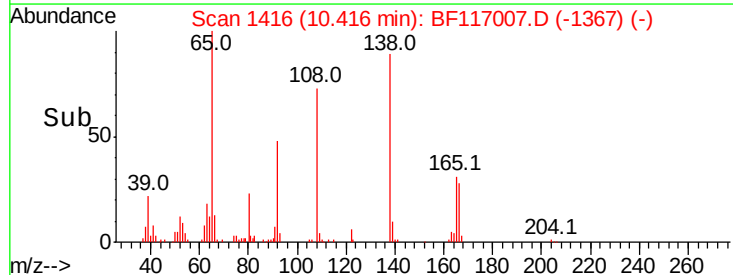
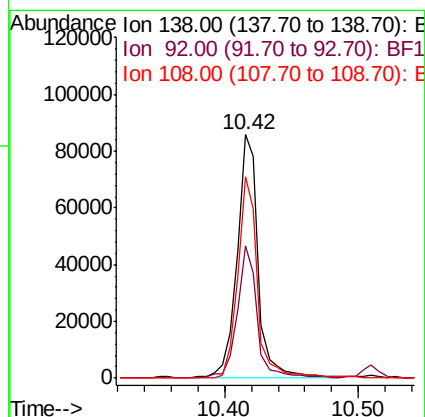
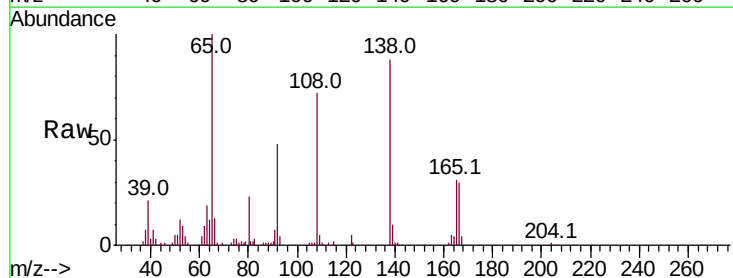
Instrument :
BNA_F
ClientSampleId :

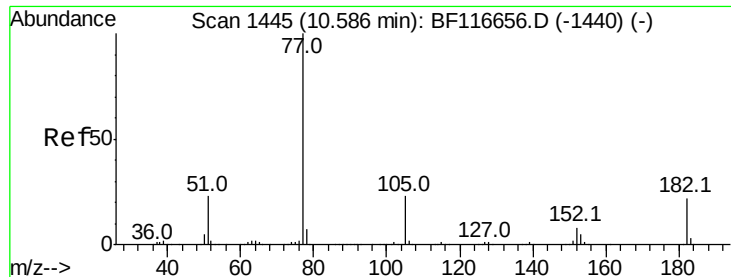
Tot Ion:204 Resp: 147309
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 79.0 58.0 87.0



#62
4-Nitroaniline
Concen: 45.961 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Tgt Ion:138 Resp: 96179
Ion Ratio Lower Upper
138 100
92 54.2 31.0 71.0
108 82.6 59.1 99.1

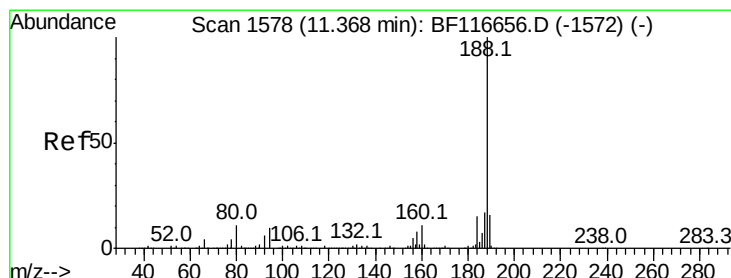
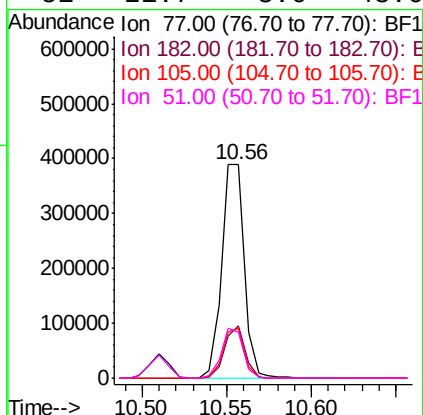
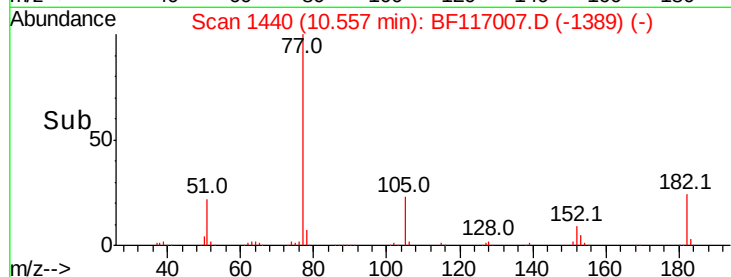
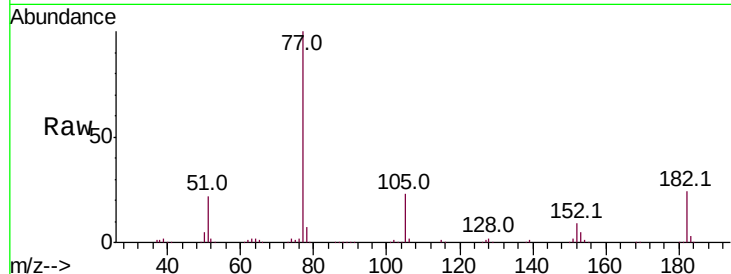




#63
Azobenzene
Concen: 38.467 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

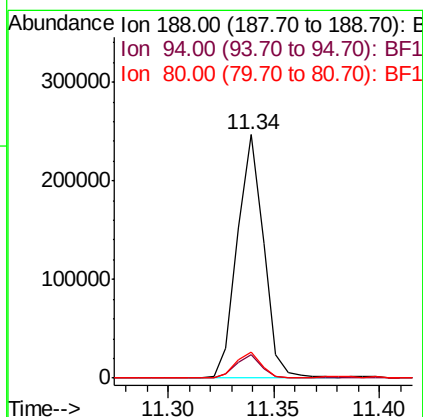
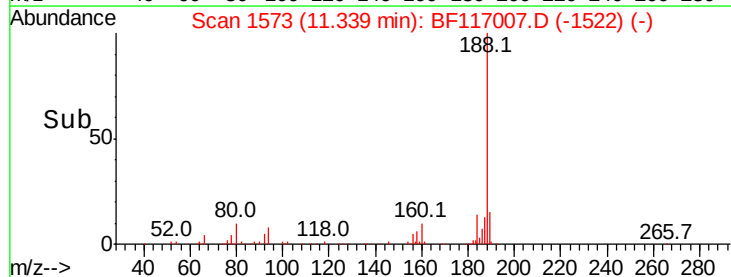
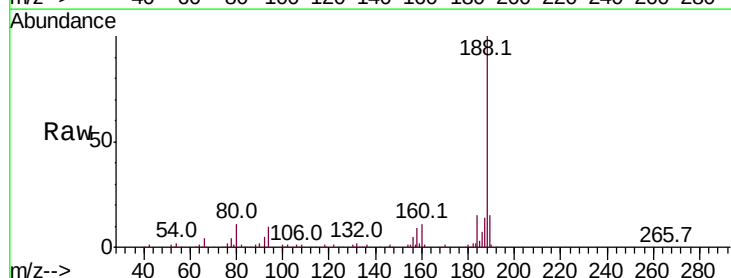
Instrument :
BNA_F
ClientSampleId :

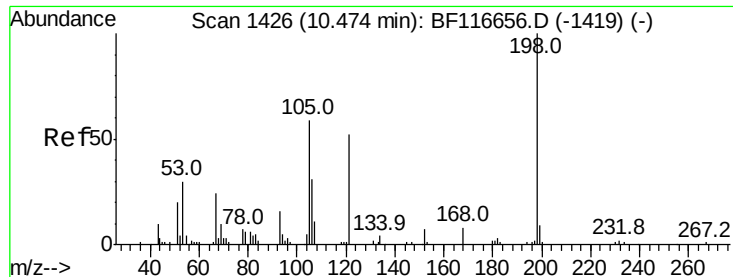
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.4	1.9	41.9
105	23.1	1.5	41.5
51	21.7	3.6	43.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.4	11.2
80	10.5	8.5	12.7

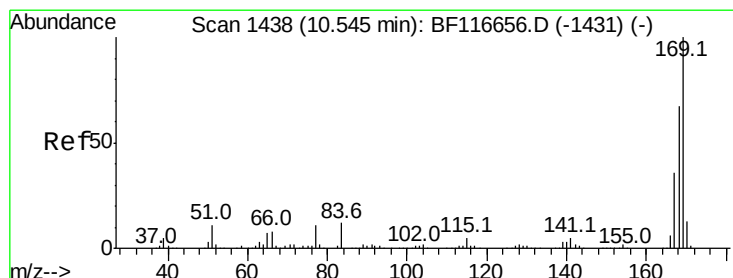
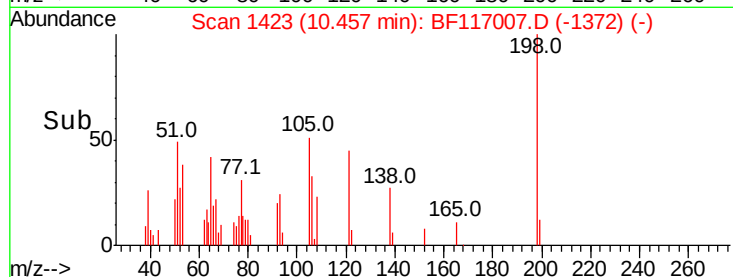
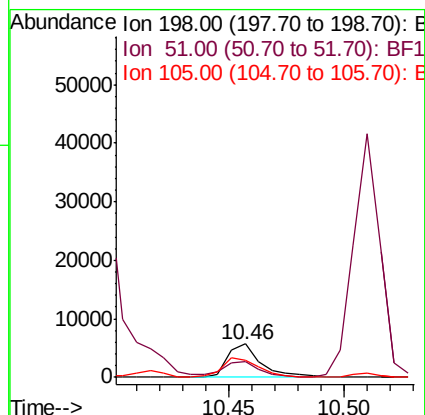
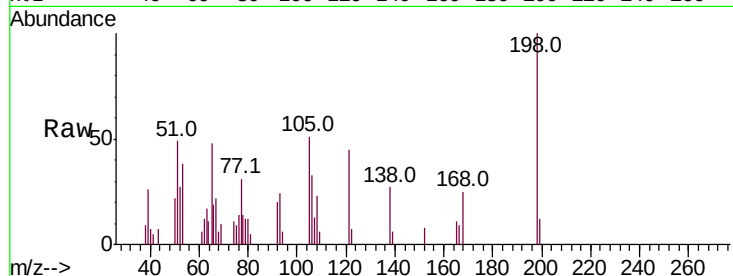




#65
4,6-Dinitro-2-methylphenol
Concen: 13.541 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

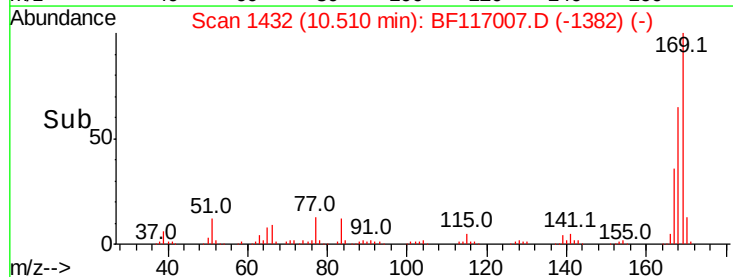
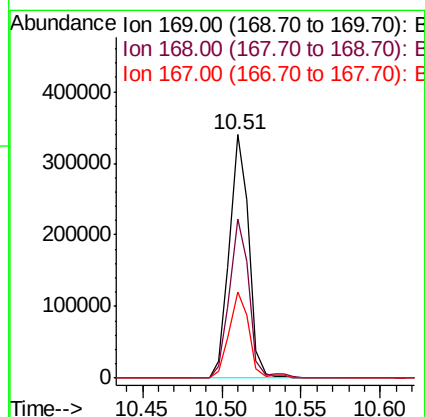
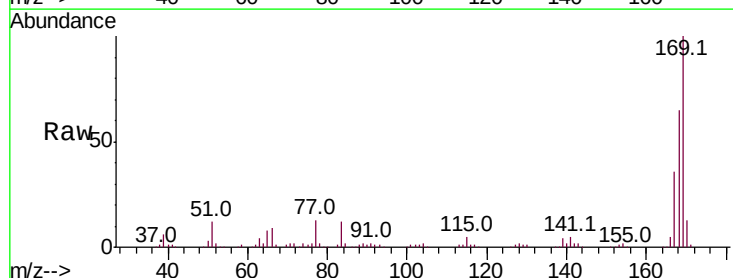
Instrument :
BNA_F
ClientSampleId :

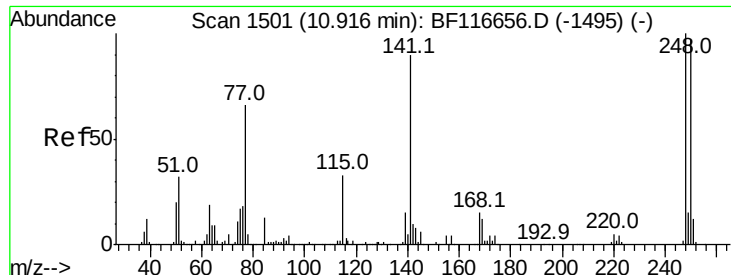
Tot Ion:198 Resp: 5649
Ion Ratio Lower Upper
198 100
51 49.1 26.3 66.3
105 50.5 40.0 80.0



#66
n-Nitrosodiphenylamine
Concen: 39.382 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Tgt Ion:169 Resp: 289851
Ion Ratio Lower Upper
169 100
168 65.2 53.5 80.3
167 35.6 28.7 43.1

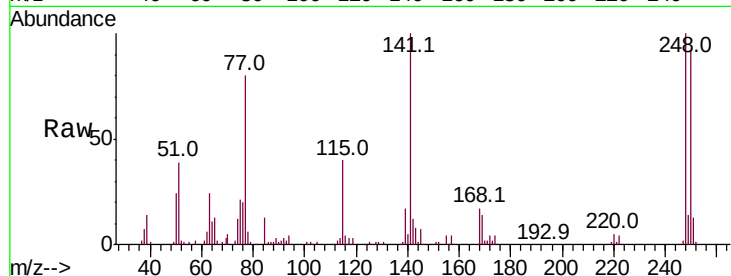




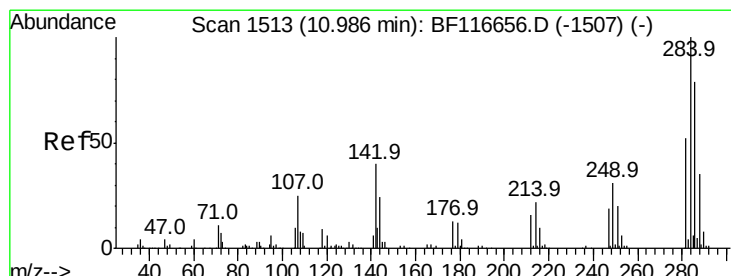
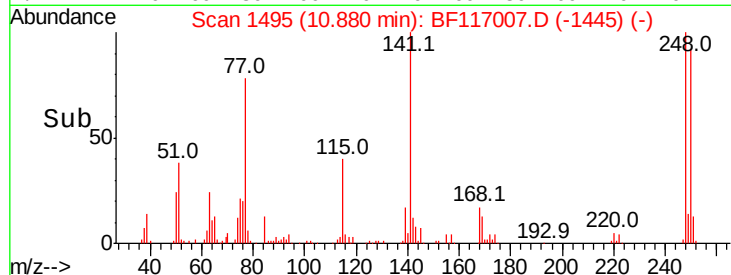
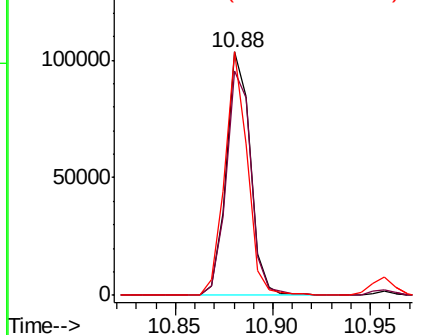
#67
 4-Bromophenyl-phenylether
 Concen: 40.933 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 88468
 Ion Ratio Lower Upper
 248 100
 250 92.3 77.0 115.4
 141 100.2 70.2 105.2

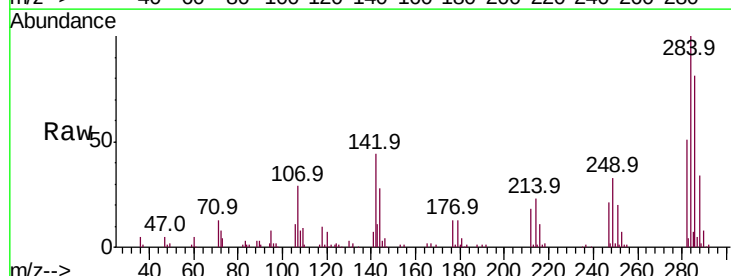


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

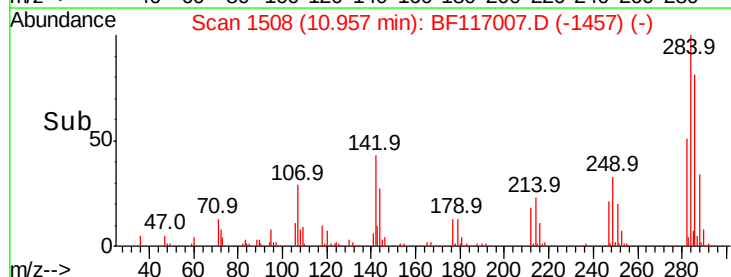
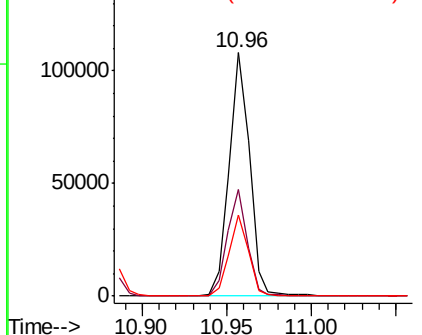


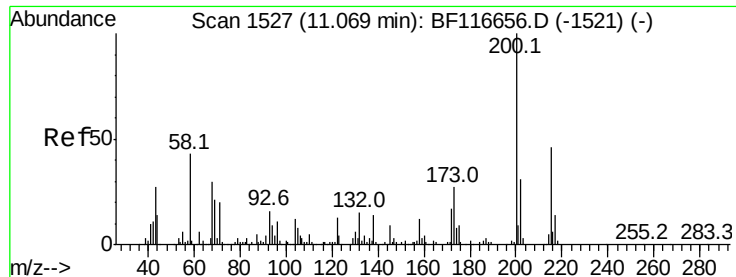
#68
 Hexachlorobenzene
 Concen: 40.204 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

Tgt Ion:284 Resp: 90912
 Ion Ratio Lower Upper
 284 100
 142 43.6 37.2 55.8
 249 33.0 25.9 38.9



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

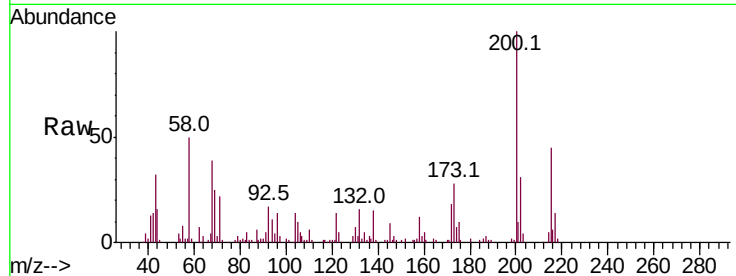




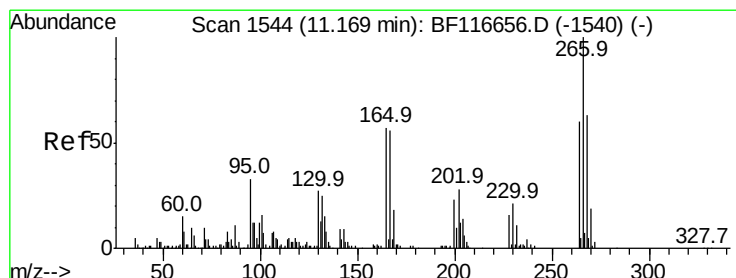
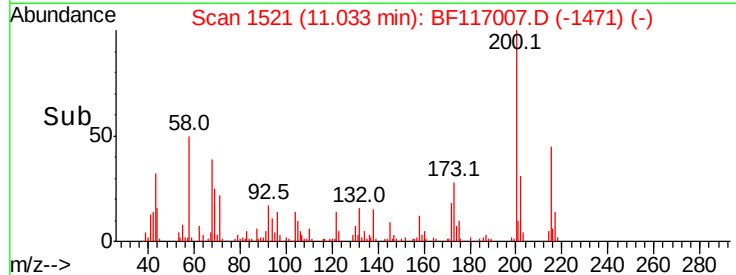
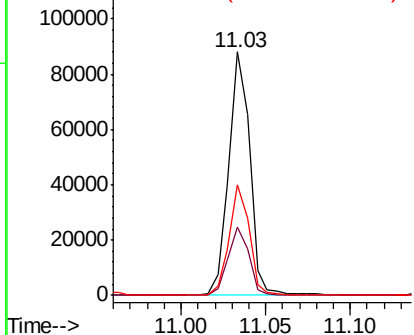
#69
Atrazine
Concen: 37.002 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 76273
Ion Ratio Lower Upper
200 100
173 28.0 7.0 47.0
215 45.1 22.9 62.9

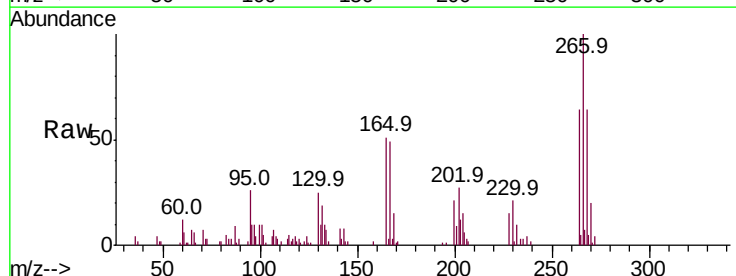


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

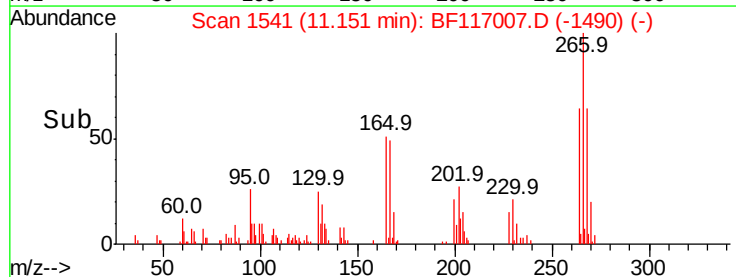
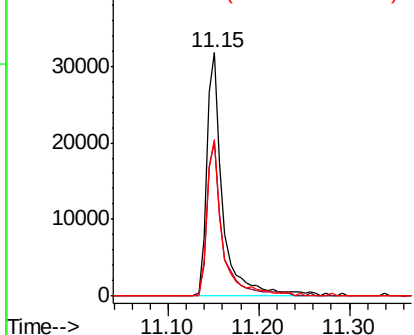


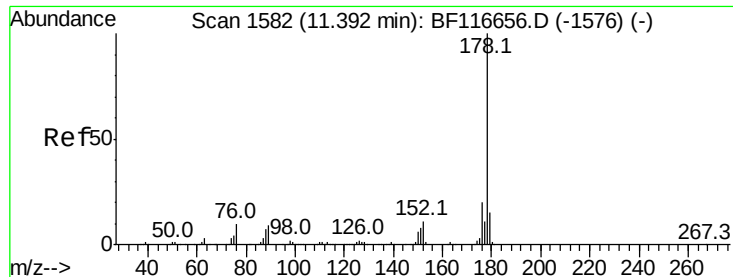
#70
Pentachlorophenol
Concen: 36.374 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Tgt Ion:266 Resp: 39789
Ion Ratio Lower Upper
266 100
268 63.5 51.4 77.2
264 64.3 52.1 78.1



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: 38.539 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Instrument :

BNA_F

ClientSampleId :

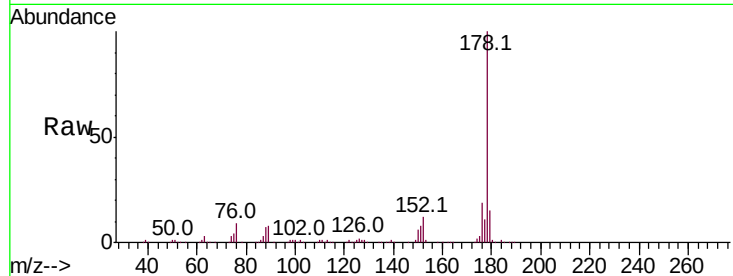
Tot Ion:178 Resp: 456426

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

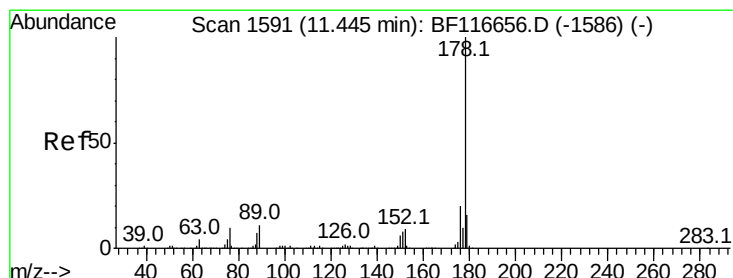
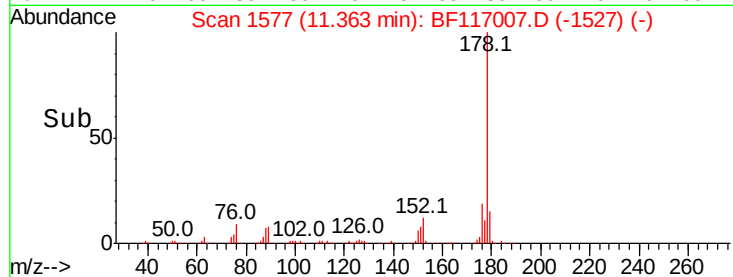
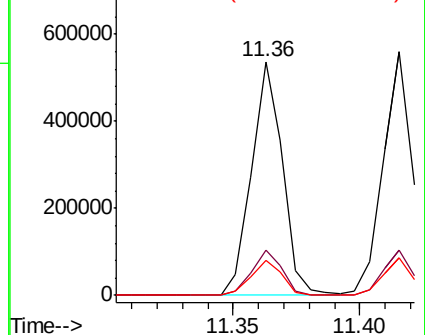
179 15.0 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.166 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

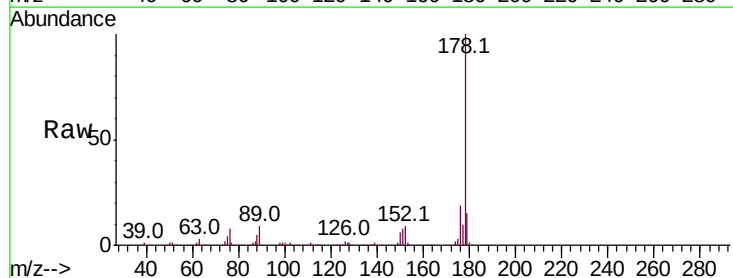
Tgt Ion:178 Resp: 466933

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

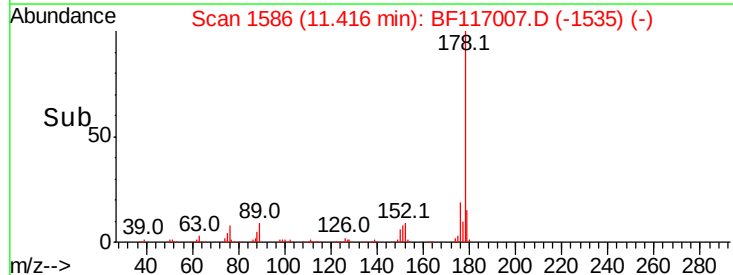
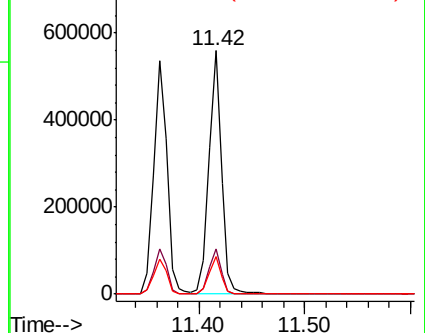
179 15.2 12.3 18.5

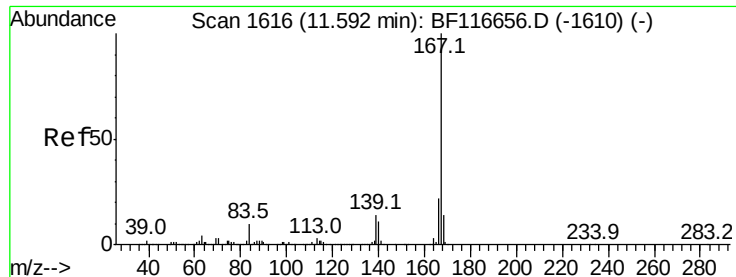


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

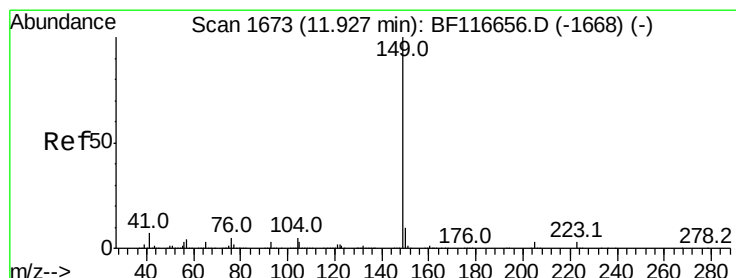
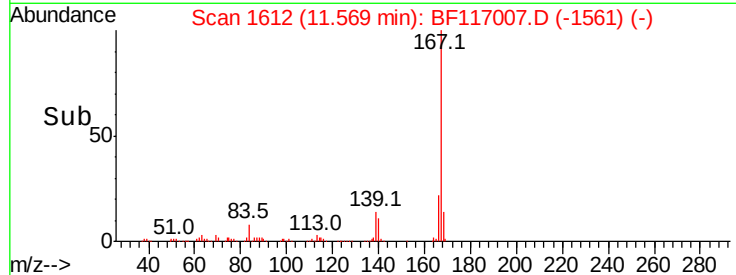
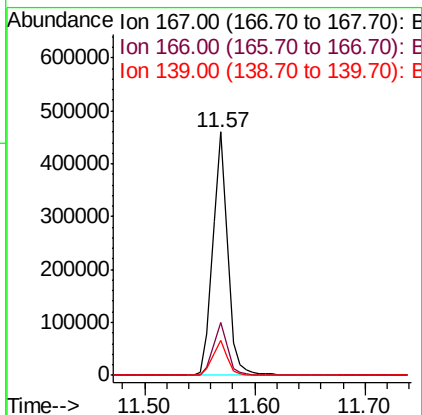
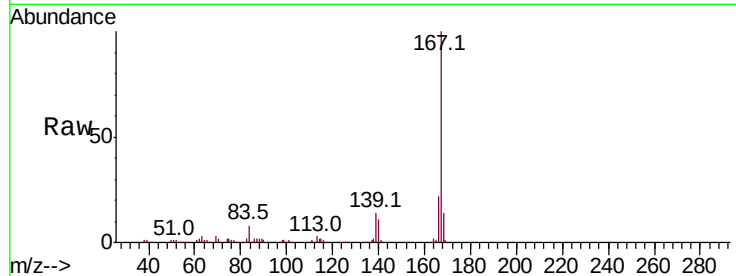




#73
 Carbazole
 Concen: 37.693 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

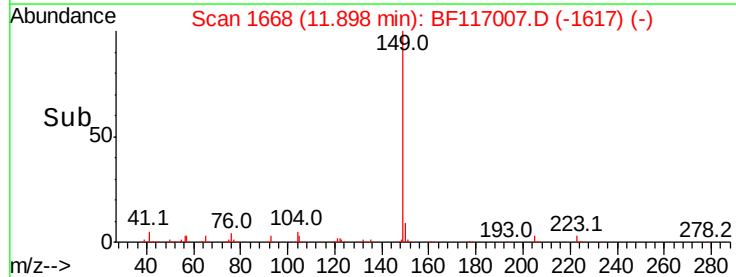
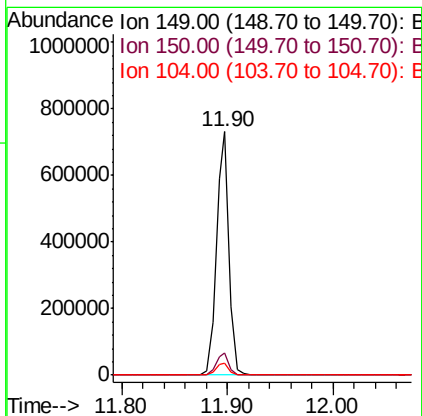
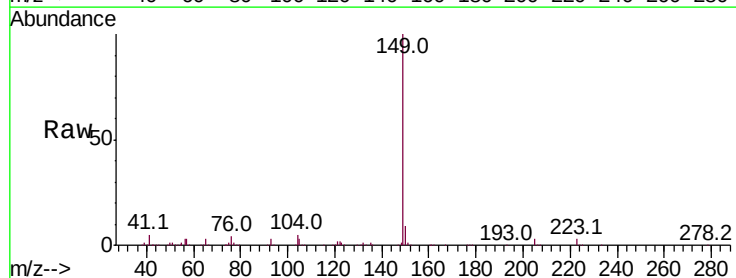
Instrument :
 BNA_F
 ClientSampleId :

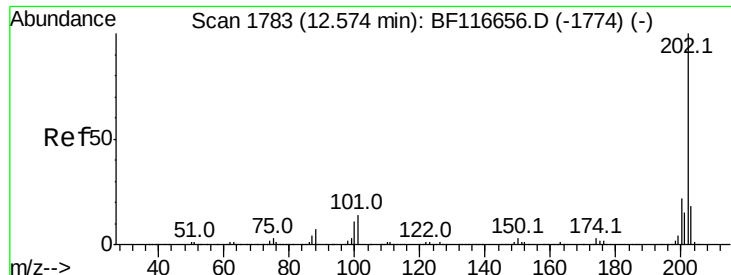
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	14.4	11.4	17.2



#74
 Di-n-butylphthalate
 Concen: 42.116 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	4.9	4.3	6.5

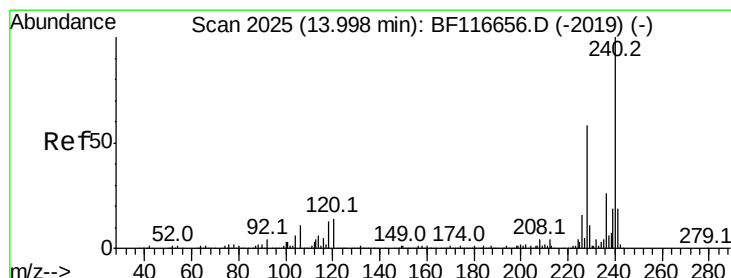
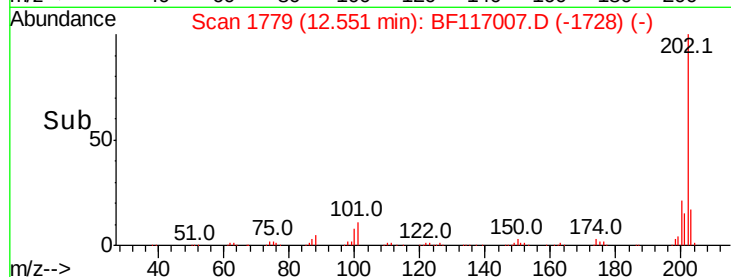
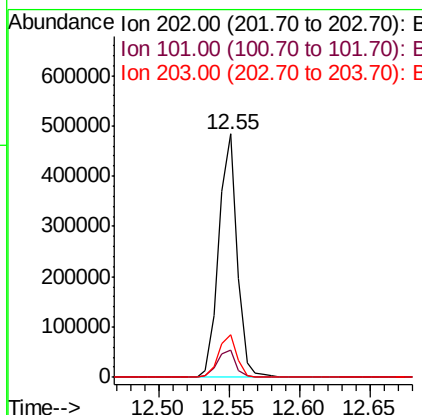
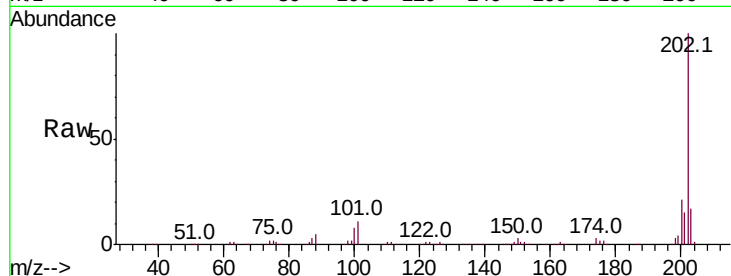




#75
 Fluoranthene
 Concen: 37.724 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

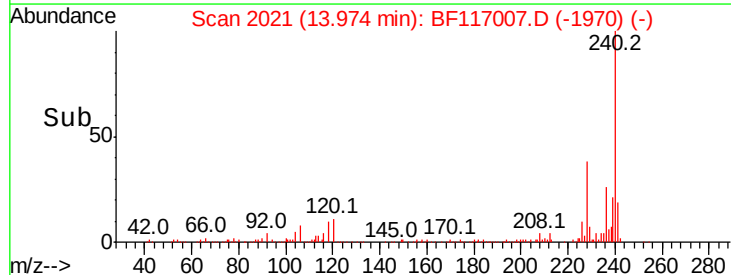
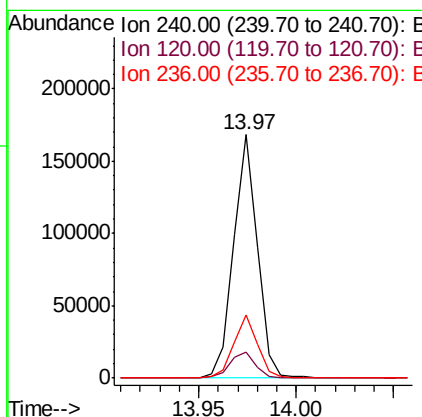
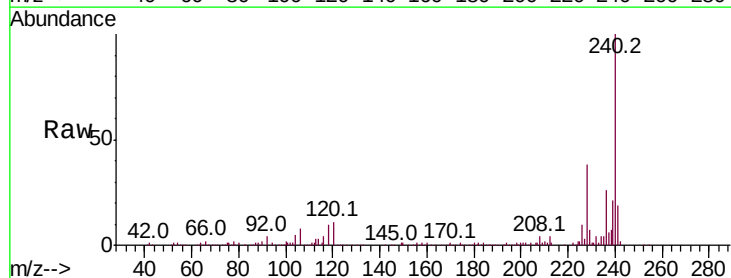
Instrument :
 BNA_F
 ClientSampleId :

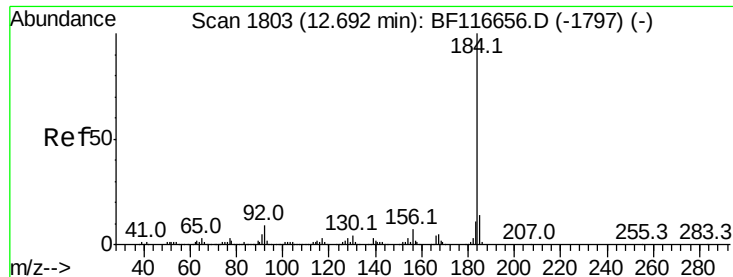
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.0
203	17.3	0.0	37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.1	13.7
236	26.1	20.9	31.3





#77

Benzidine

Concen: 37.097 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Instrument :

BNA_F

ClientSampleId :

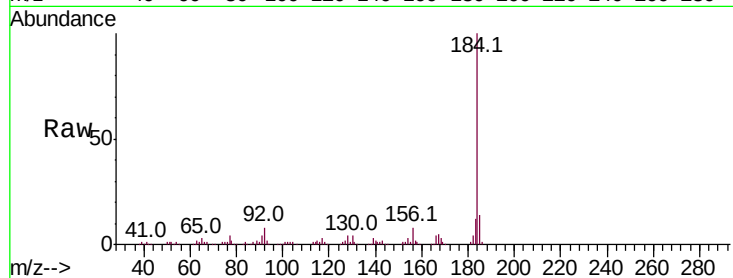
Tot Ion:184 Resp: 207585

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.0	18.0
183	11.5	9.2	13.8

184 100

185 14.5 12.0 18.0

183 11.5 9.2 13.8

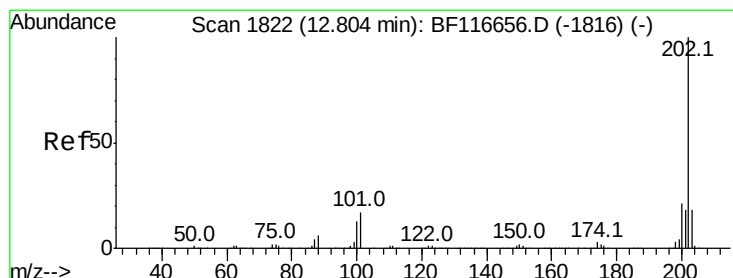
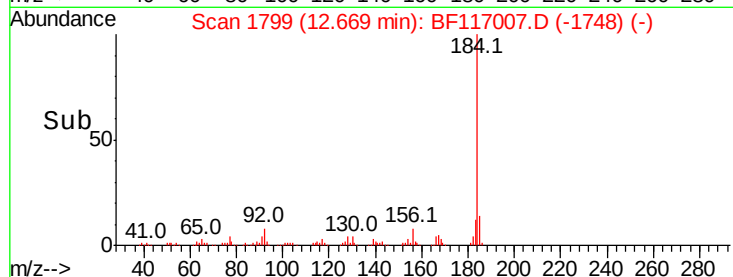
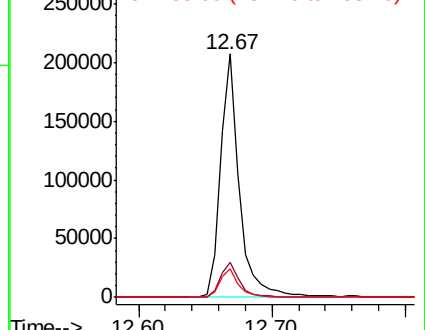


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.582 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

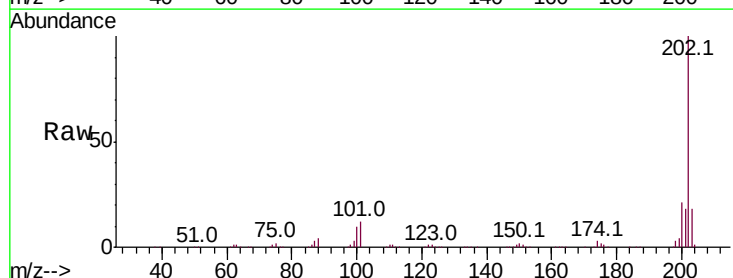
Tgt Ion:202 Resp: 438571

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	17.6	14.2	21.2

202 100

200 21.1 17.2 25.8

203 17.6 14.2 21.2

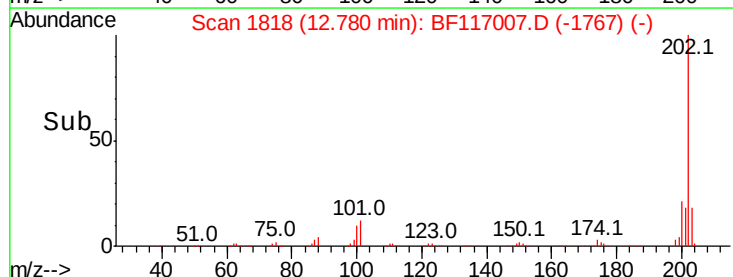
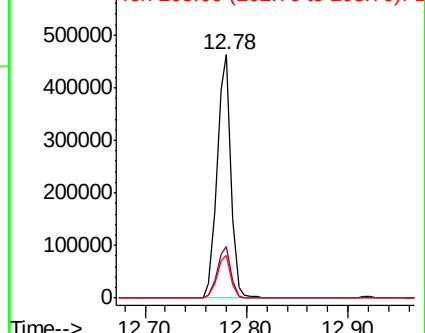


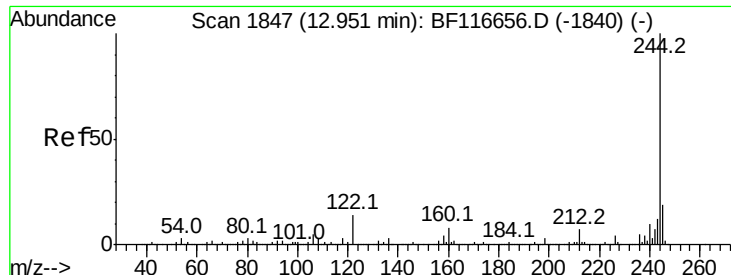
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

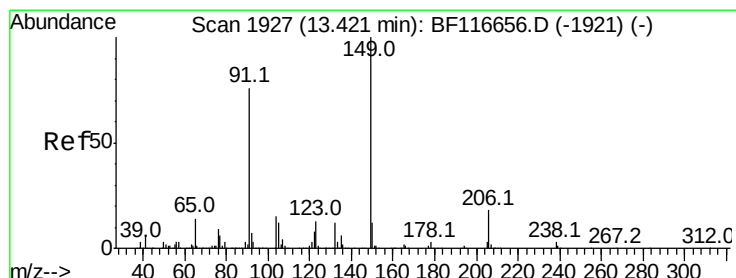
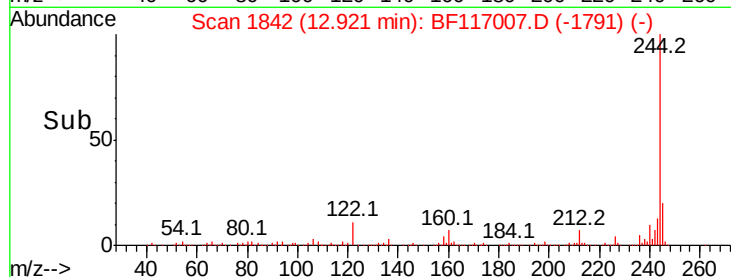
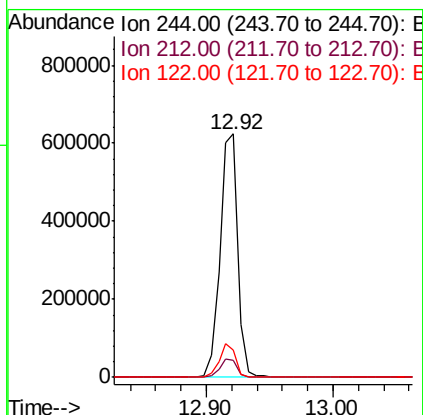
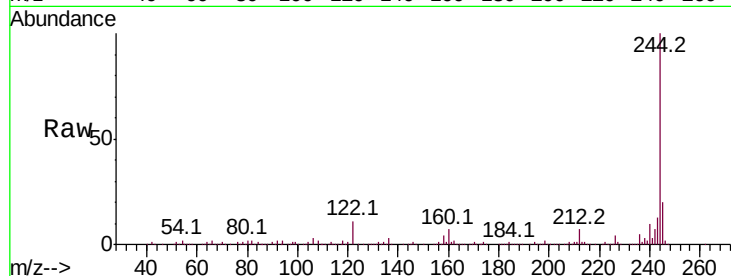




#79
 Terphenyl-d14
 Concen: 78.801 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

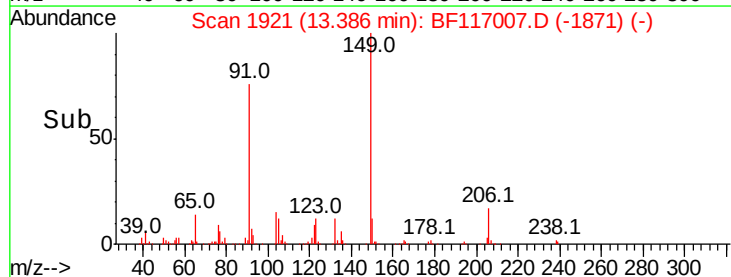
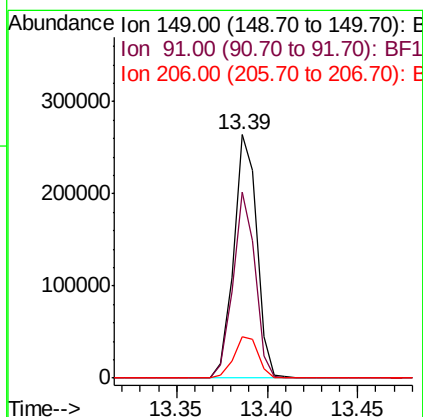
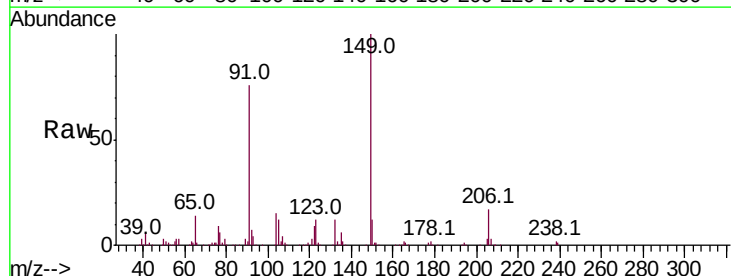
Instrument :
 BNA_F
 ClientSampleId :

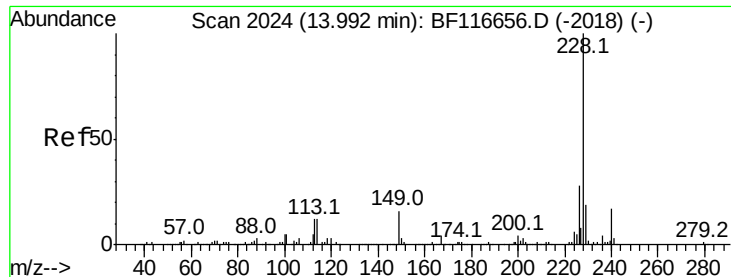
Tot Ion:244 Resp: 607703
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 11.1 11.5 17.3#



#80
 Butylbenzylphthalate
 Concen: 38.272 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

Tgt Ion:149 Resp: 236037
 Ion Ratio Lower Upper
 149 100
 91 76.2 55.8 83.8
 206 17.2 15.0 22.6





#81

Benzo(a)anthracene

Concen: 39.118 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Instrument :

BNA_F

ClientSampled :

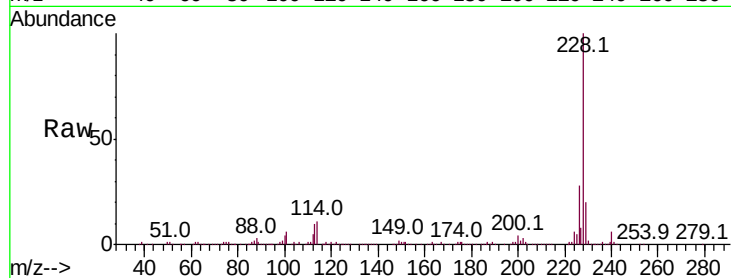
Tot Ion:228 Resp: 353211

Ion Ratio Lower Upper

228 100

226 28.4 22.3 33.5

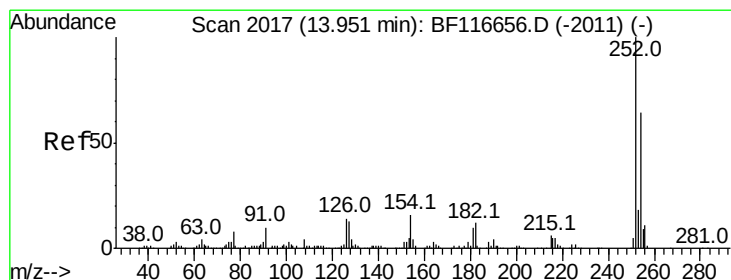
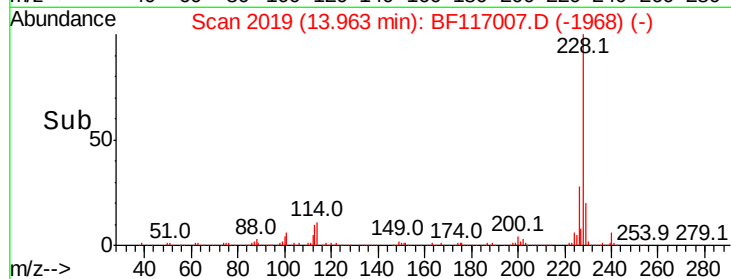
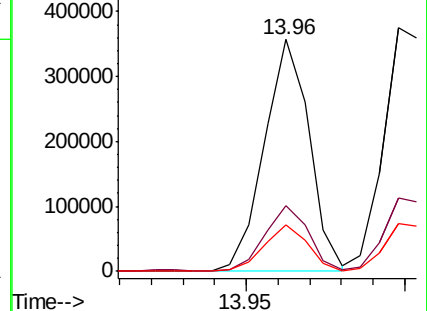
229 20.1 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.936 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

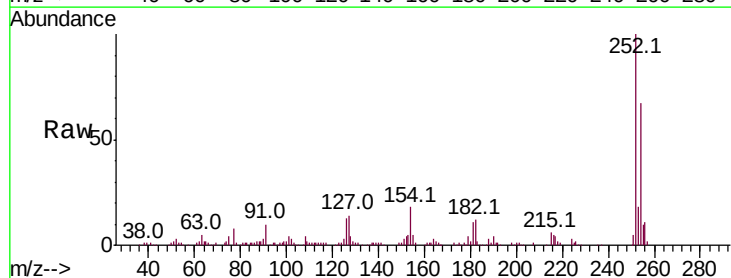
Tgt Ion:252 Resp: 124911

Ion Ratio Lower Upper

252 100

254 67.1 51.8 77.8

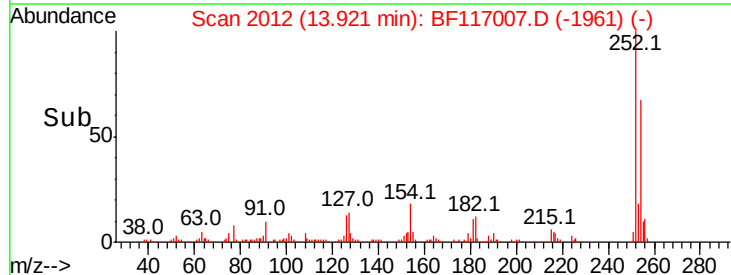
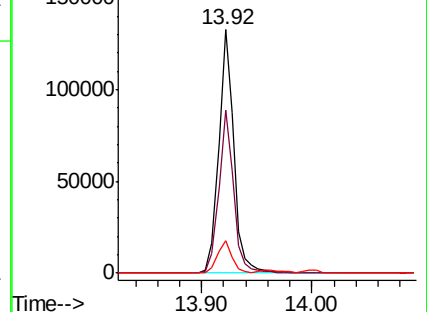
126 13.5 10.9 16.3

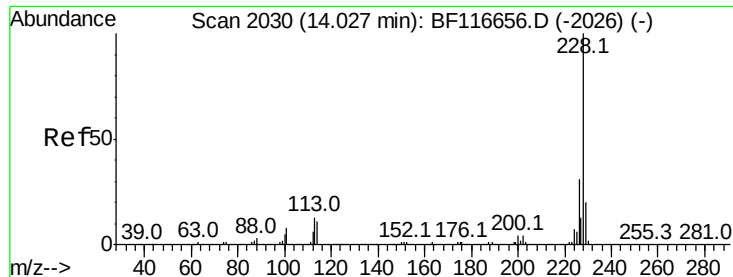


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

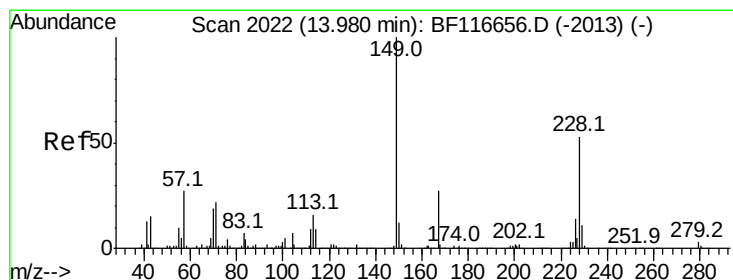
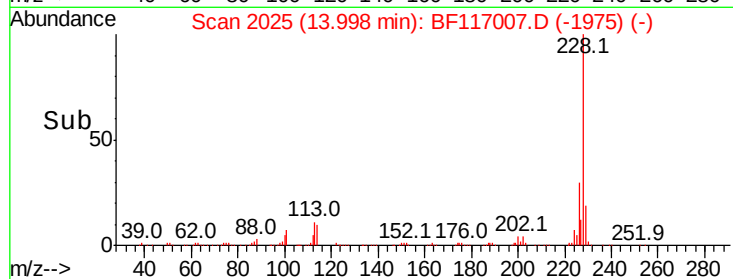
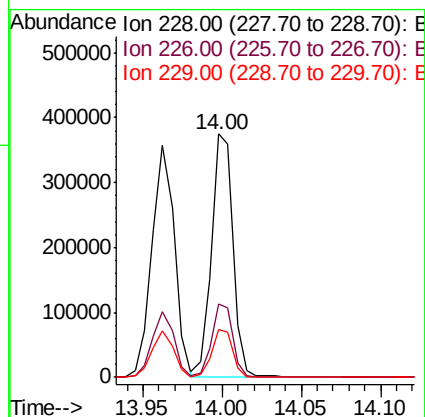
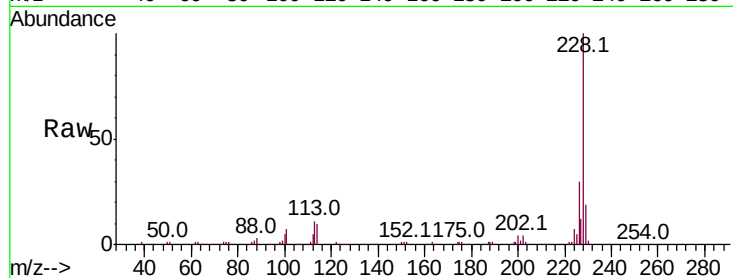




#83
 Chrysene
 Concen: 38.203 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

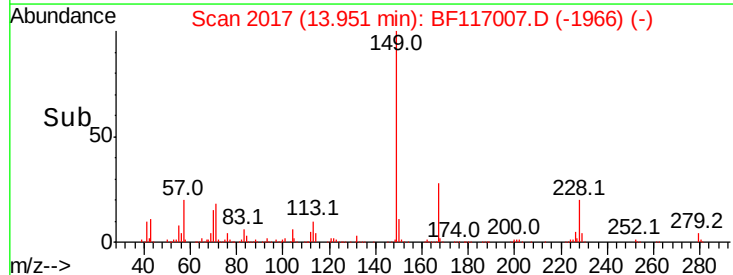
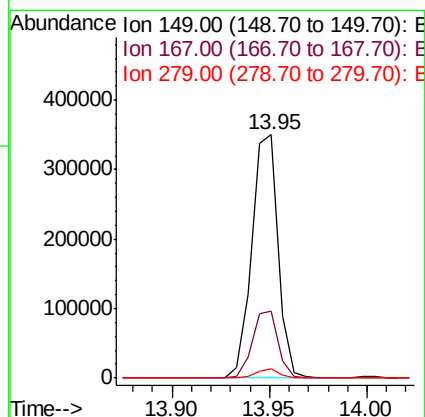
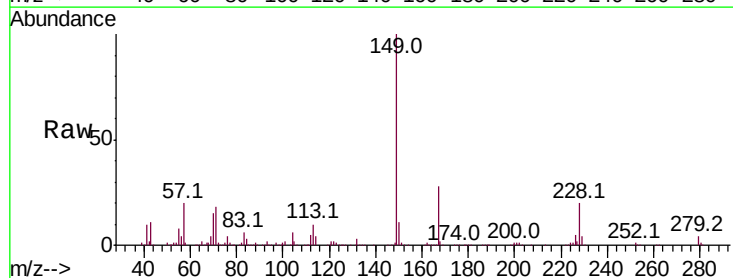
Instrument :
 BNA_F
 ClientSampleId :

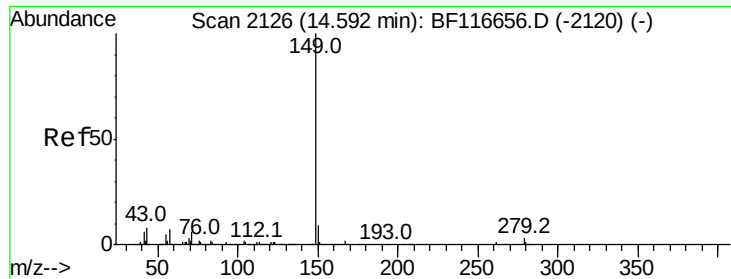
Tot Ion:228 Resp: 355383
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.5 36.7
 229 19.4 15.7 23.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.977 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

Tgt Ion:149 Resp: 327184
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.3 31.9
 279 3.6 2.6 3.8

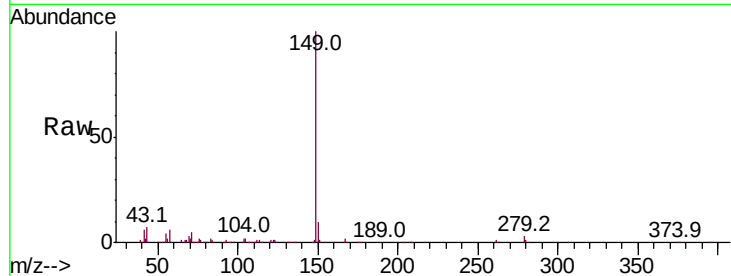




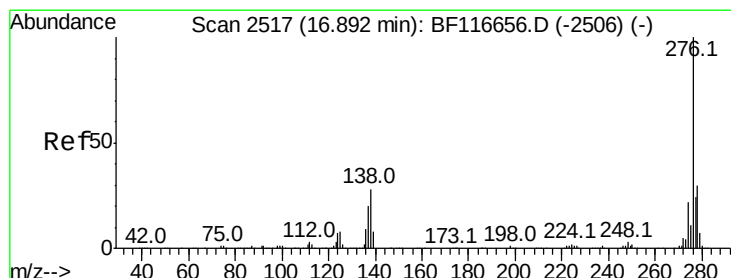
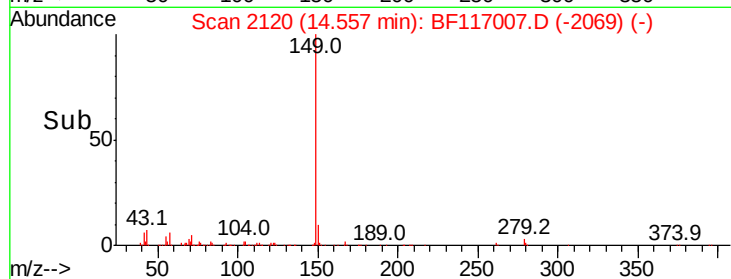
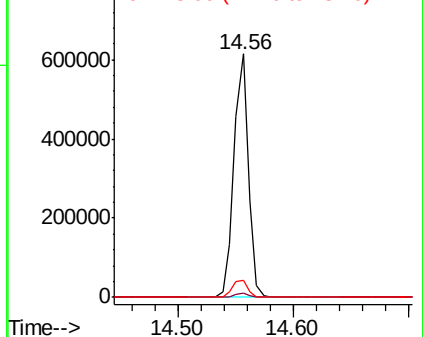
#85
Di-n-octyl phthalate
Concen: 42.844 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.5	6.2	9.4

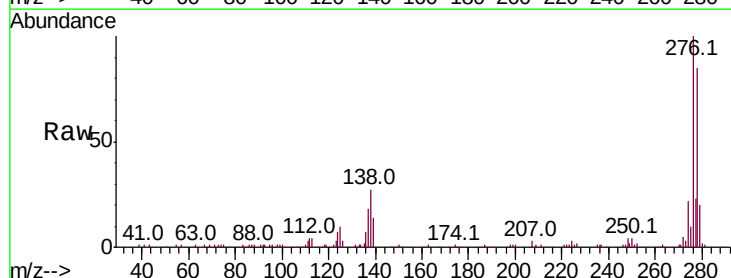


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

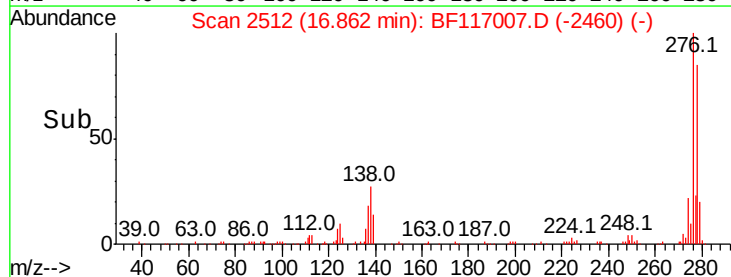
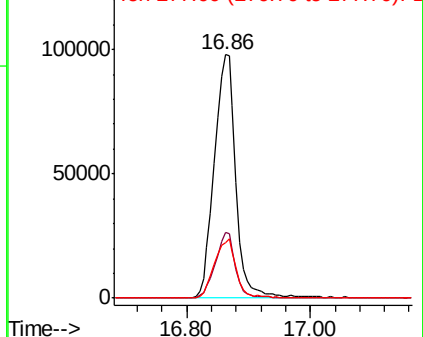


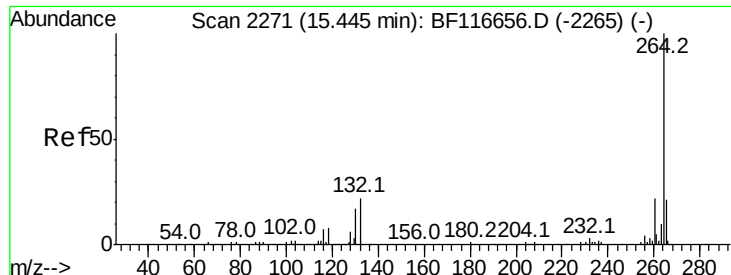
#86
Indeno(1,2,3-cd)pyrene
Concen: 31.856 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.01 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.6	31.0
277	24.3	19.9	29.9



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

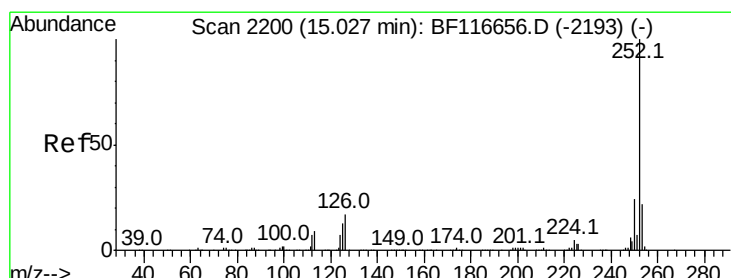
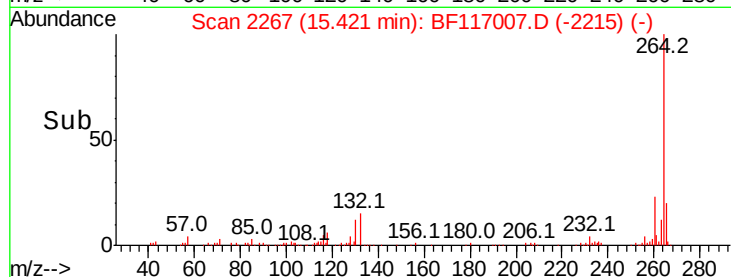
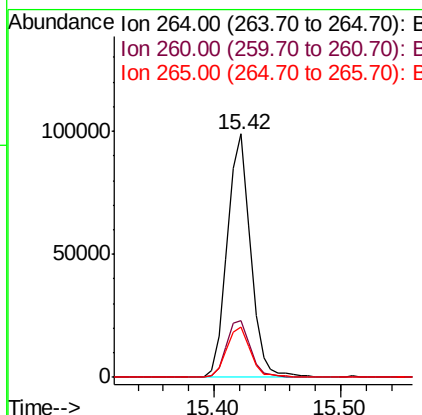
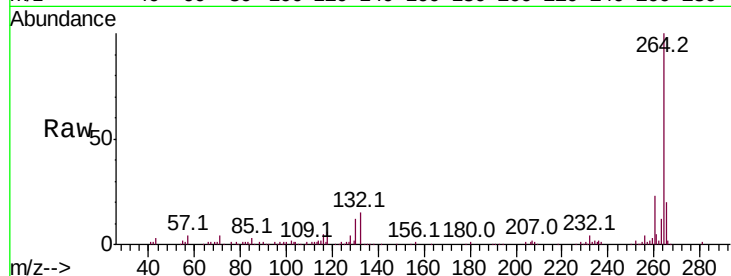




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.01 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

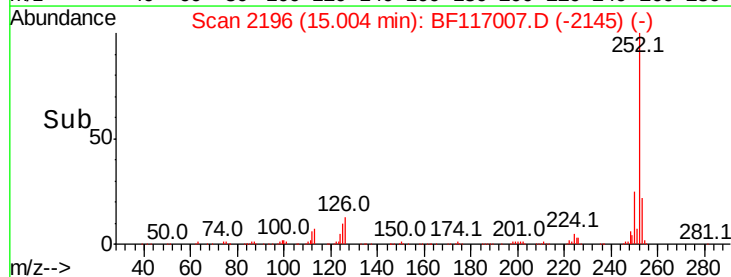
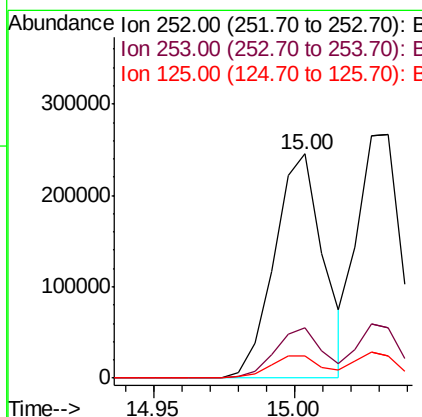
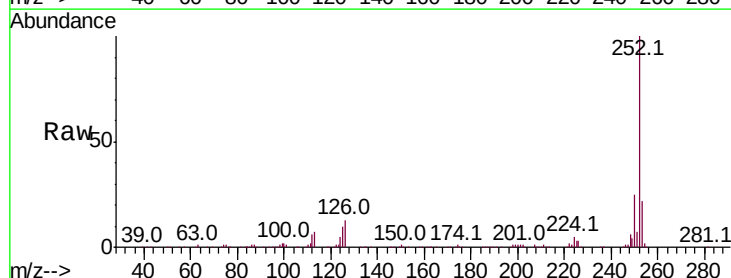
Instrument :
 BNA_F
 ClientSampled :

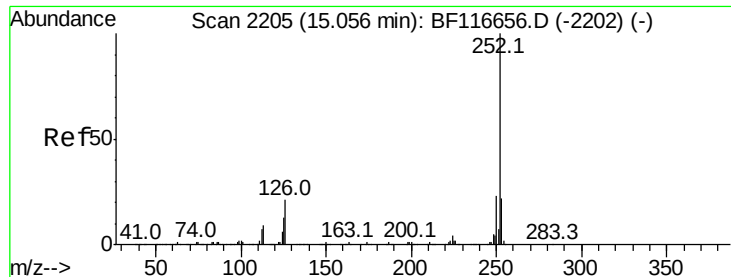
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	20.4	17.9	26.9



#88
 Benzo(b)fluoranthene
 Concen: 39.056 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF117007.D
 Acq: 12 Sep 2019 22:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.7	8.3	12.5

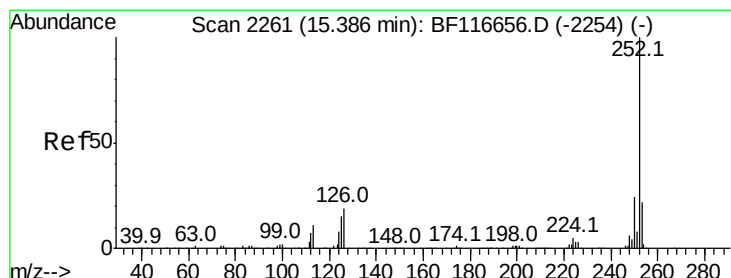
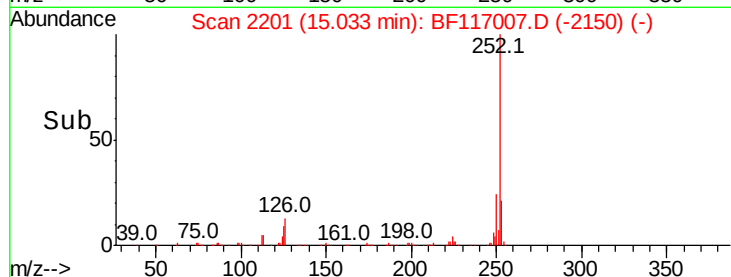
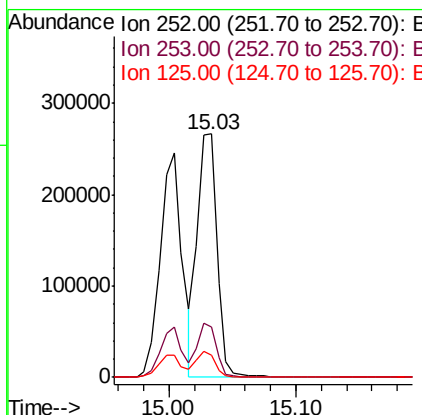
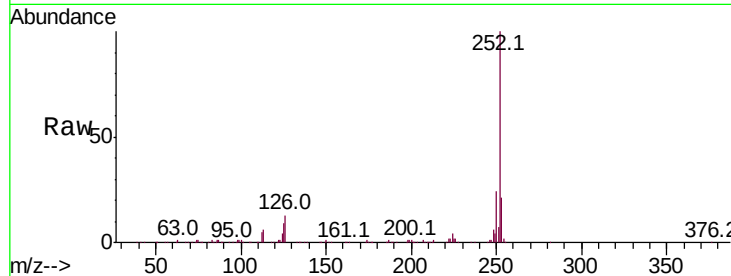




#89
Benzo(k)fluoranthene
Concen: 41.324 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

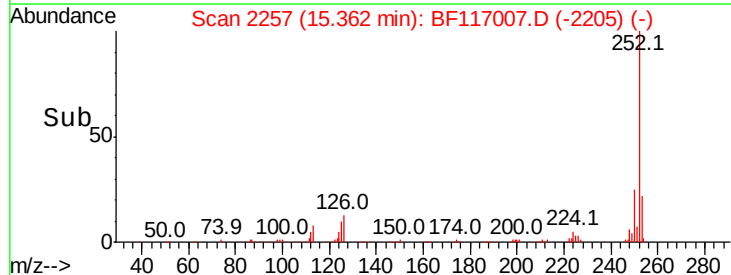
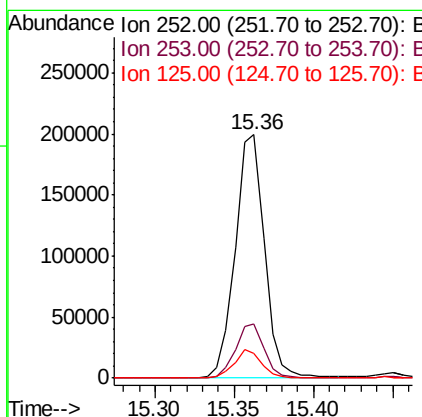
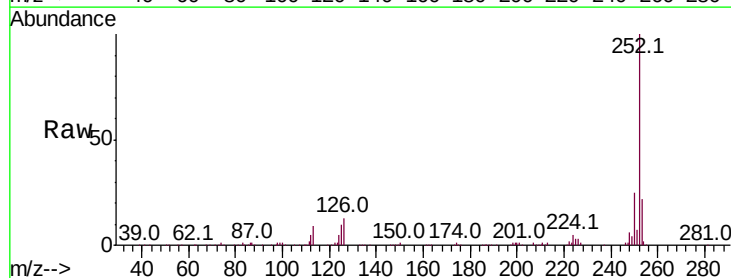
Instrument :
BNA_F
ClientSampleId :

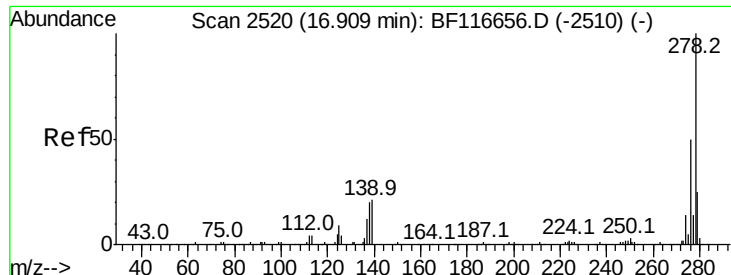
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	16.8	25.2
125	9.1	7.6	11.4



#90
Benzo(a)pyrene
Concen: 38.745 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.01 min
Lab File: BF117007.D
Acq: 12 Sep 2019 22:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.4	10.2	15.2





#91

Dibenzo(a,h)anthracene

Concen: 34.165 ng

RT: 16.87 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

Instrument :

BNA_F

ClientSampled :

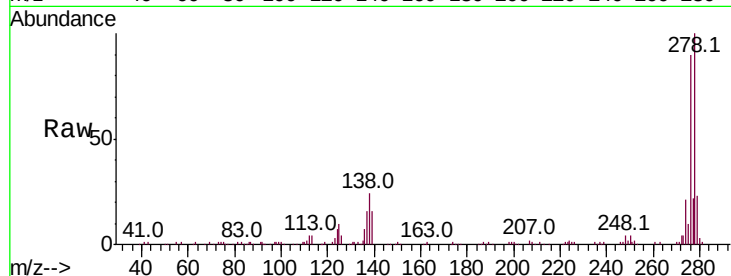
Tot Ion:278 Resp: 197469

Ion Ratio Lower Upper

278 100

139 15.8 13.1 19.7

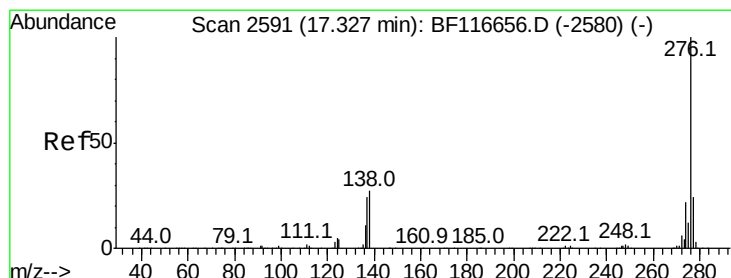
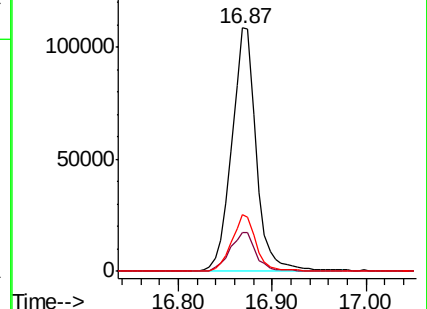
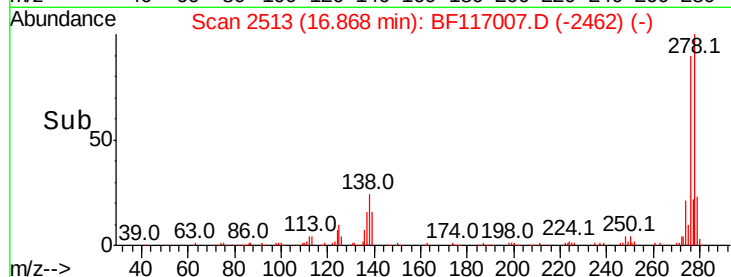
279 23.2 18.6 27.8



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: 30.413 ng

RT: 17.29 min Scan# 2585

Delta R.T. 0.01 min

Lab File: BF117007.D

Acq: 12 Sep 2019 22:57

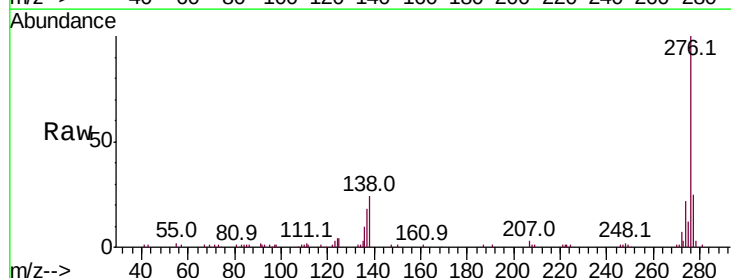
Tgt Ion:276 Resp: 179273

Ion Ratio Lower Upper

276 100

277 24.9 19.0 28.6

138 24.1 18.7 28.1



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

