

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071019\
 Data File : BF115457.D
 Acq On : 10 Jul 2019 16:06
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 10 17:18:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	177205	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	734875	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	367824	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	716357	20.00	ng	0.00
76) Chrysene-d12	14.06	240	494062	20.00	ng	0.00
87) Perylene-d12	15.55	264	484549	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	881368	76.85	ng	0.00
7) Phenol-d6	6.52	99	1098962	75.34	ng	0.00
23) Nitrobenzene-d5	7.46	82	994355	79.95	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	336735	82.80	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1681586	80.22	ng	0.00
79) Terphenyl-d14	13.00	244	1951246	80.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	209773	37.288	ng	99
3) Pyridine	3.45	79	569807	36.629	ng	99
4) n-Nitrosodimethylamine	3.39	42	184778	29.292	ng	97
6) Aniline	6.56	93	771906	37.500	ng	99
8) 2-Chlorophenol	6.68	128	502894	38.831	ng	97
9) Benzaldehyde	6.44	77	350555	42.037	ng	97
10) Phenol	6.53	94	649748	37.230	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	483517	37.345	ng	98
12) 1,3-Dichlorobenzene	6.84	146	542651	38.246	ng	99
13) 1,4-Dichlorobenzene	6.91	146	548780	38.613	ng	98
14) 1,2-Dichlorobenzene	7.07	146	506901	38.523	ng	98
15) Benzyl Alcohol	7.03	79	442194	37.778	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	646833	35.730	ng	99
17) 2-Methylphenol	7.14	107	418477	37.718	ng	100
18) Hexachloroethane	7.41	117	202101	38.172	ng	94
19) n-Nitroso-di-n-propylamine	7.31	70	348967	35.362	ng	97
20) 3+4-Methylphenols	7.30	107	497195	37.937	ng	92
22) Acetophenone	7.30	105	652548	37.057	ng	# 96
24) Nitrobenzene	7.47	77	543845	38.717	ng	97
25) Isophorone	7.72	82	975618	36.188	ng	99
26) 2-Nitrophenol	7.79	139	275878	47.771	ng	97
27) 2,4-Dimethylphenol	7.83	122	385501	35.008	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	611325	36.773	ng	99
29) 2,4-Dichlorophenol	8.03	162	438721	40.000	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	478917	39.222	ng	99
31) Naphthalene	8.20	128	1403569	38.453	ng	100
32) Benzoic acid	7.95	122	217854	29.780	ng	98
33) 4-Chloroaniline	8.25	127	633431	38.894	ng	98
34) Hexachlorobutadiene	8.32	225	269928	38.981	ng	99
35) Caprolactam	8.62	113	137956	38.619	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	450049	38.793	ng	97
37) 2-Methylnaphthalene	8.89	142	926341	37.968	ng	99
38) 1-Methylnaphthalene	8.99	142	886276	38.073	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	423635	40.034	ng	99

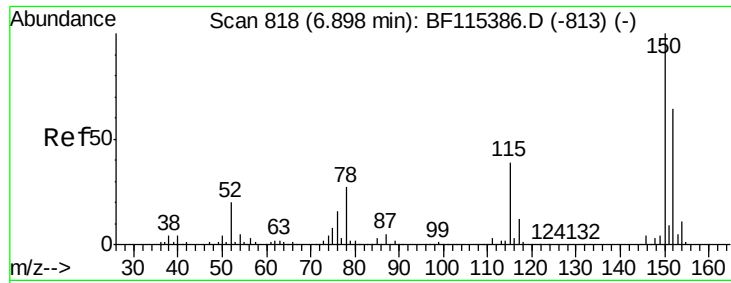
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071019\
 Data File : BF115457.D
 Acq On : 10 Jul 2019 16:06
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 10 17:18:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	238018	38.809	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	305682	39.679	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	325235	40.714	ng	96
46) 1,1'-Biphenyl	9.36	154	1116022	38.595	ng	99
47) 2-Chloronaphthalene	9.38	162	936107	39.169	ng	98
48) 2-Nitroaniline	9.47	65	300515	42.799	ng	93
49) Acenaphthylene	9.80	152	1421758	39.292	ng	99
50) Dimethylphthalate	9.66	163	1074254	38.911	ng	99
51) 2,6-Dinitrotoluene	9.71	165	252498	42.171	ng	95
52) Acenaphthene	9.97	154	895016	39.302	ng	99
53) 3-Nitroaniline	9.88	138	292849	42.111	ng	96
54) 2,4-Dinitrophenol	9.98	184	117298	49.588	ng	# 68
55) Dibenzofuran	10.14	168	1257137	39.189	ng	99
56) 4-Nitrophenol	10.03	139	230502	42.842	ng	96
57) 2,4-Dinitrotoluene	10.12	165	334312	43.935	ng	93
58) Fluorene	10.49	166	924040	36.541	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	279723	40.535	ng	99
60) Diethylphthalate	10.36	149	1040361	38.285	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	473788	38.387	ng	98
62) 4-Nitroaniline	10.50	138	288324	42.239	ng	98
63) Azobenzene	10.63	77	1030114	36.775	ng	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	165199	48.137	ng	85
66) n-Nitrosodiphenylamine	10.59	169	870964	38.588	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	318141	39.579	ng	95
68) Hexachlorobenzene	11.03	284	356148	39.486	ng	94
69) Atrazine	11.12	200	283843	40.635	ng	100
70) Pentachlorophenol	11.22	266	228865	41.635	ng	98
71) Phenanthrene	11.45	178	1452674	38.558	ng	100
72) Anthracene	11.50	178	1469616	38.900	ng	100
73) Carbazole	11.65	167	1344946	38.914	ng	100
74) Di-n-butylphthalate	11.98	149	1600360	38.313	ng	99
75) Fluoranthene	12.63	202	1527804	38.514	ng	98
77) Benzidine	12.75	184	682627	35.431	ng	99
78) Pyrene	12.86	202	1544858	40.209	ng	99
80) Butylbenzylphthalate	13.48	149	679432	40.474	ng	94
81) Benzo(a)anthracene	14.05	228	1257443	39.722	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	477648	41.583	ng	99
83) Chrysene	14.09	228	1296715	39.867	ng	100
84) Bis(2-ethylhexyl)phthalate	14.04	149	813322	39.123	ng	99
85) Di-n-octyl phthalate	14.67	149	1403130	37.914	ng	97
86) Indeno(1,2,3-cd)pyrene	17.04	276	1147008	42.764	ng	100
88) Benzo(b)fluoranthene	15.12	252	1162231	36.840	ng	100
89) Benzo(k)fluoranthene	15.15	252	1123482	40.042	ng	99
90) Benzo(a)pyrene	15.49	252	1047052	38.479	ng	100
91) Dibenzo(a,h)anthracene	17.06	278	941499	40.490	ng	98
92) Benzo(g,h,i)perylene	17.50	276	922755	41.927	ng	100

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

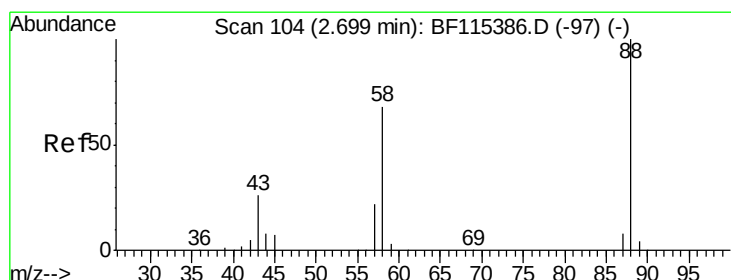
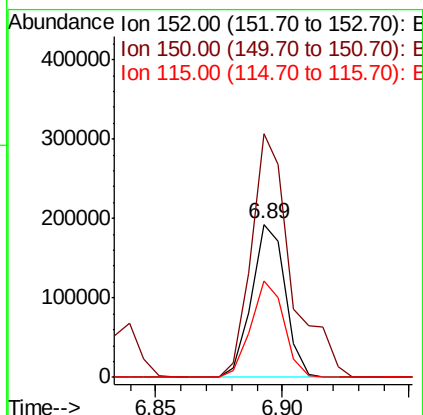
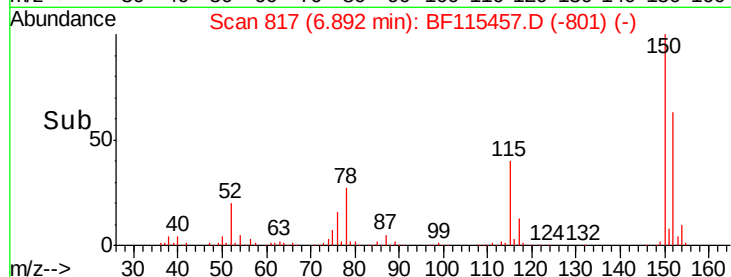
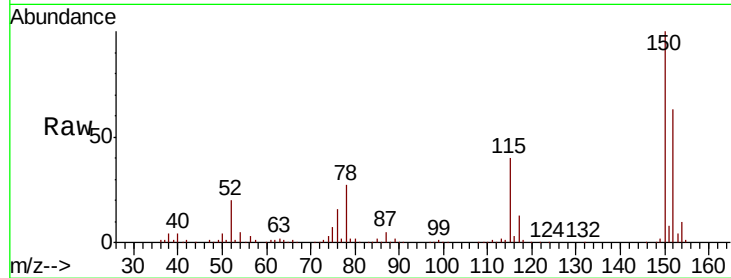


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Instrument :
BNA_F
ClientSampleId :

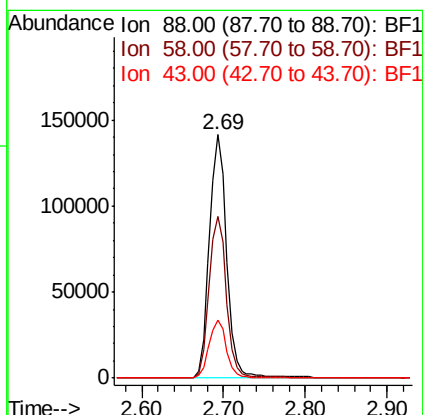
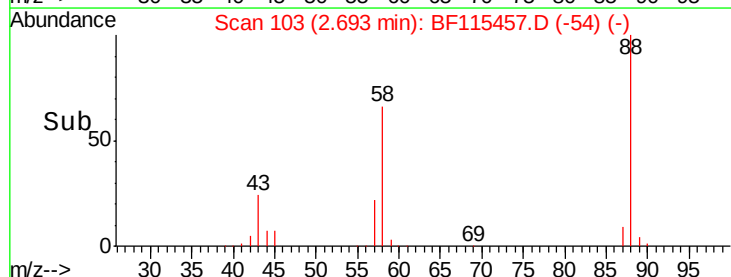
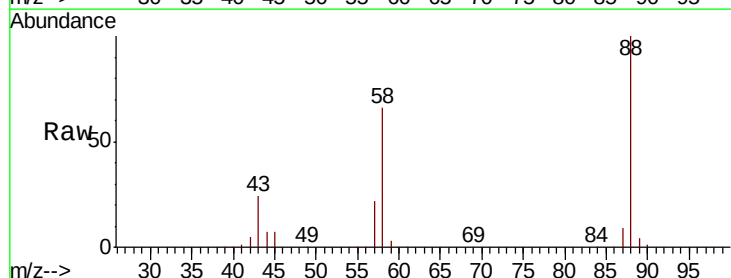
Tot Ion:152 Resp: 177205
Ion Ratio Lower Upper
152 100
150 159.0 127.4 191.2
115 63.2 46.2 69.4

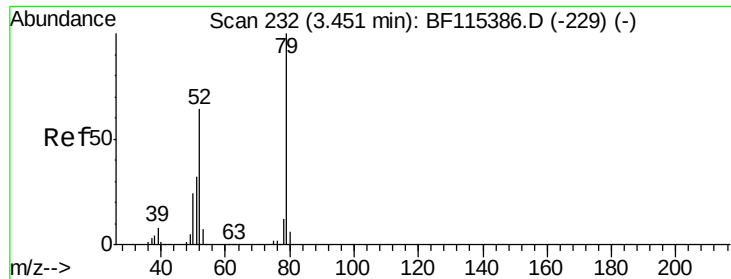


#2

1,4-Dioxane
Concen: 37.288 ng
RT: 2.69 min Scan# 103
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion: 88 Resp: 209773
Ion Ratio Lower Upper
88 100
58 66.9 52.5 78.7
43 23.6 19.0 28.6

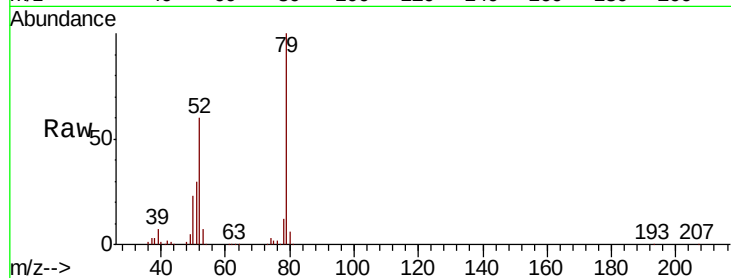




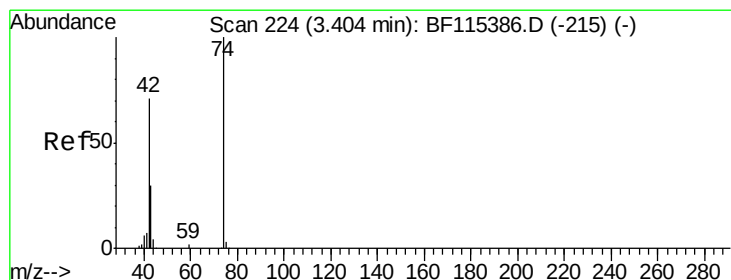
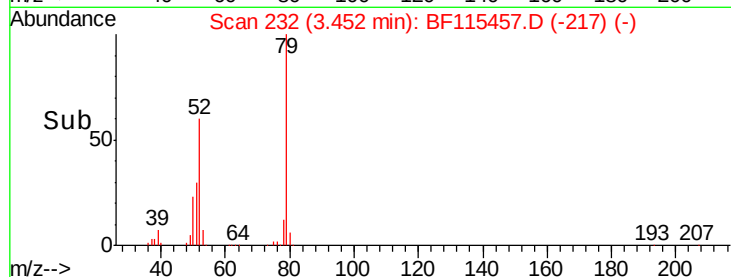
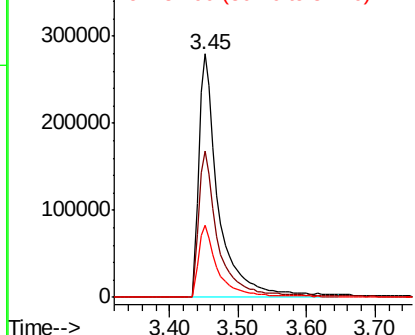
#3
 Pvridine
 Concen: 36.629 ng
 RT: 3.45 min Scan# 232
 Delta R.T. -0.01 min
 Lab File: BF115457.D
 Acq: 10 Jul 2019 16:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.0	48.2	72.2
51	29.6	23.2	34.8

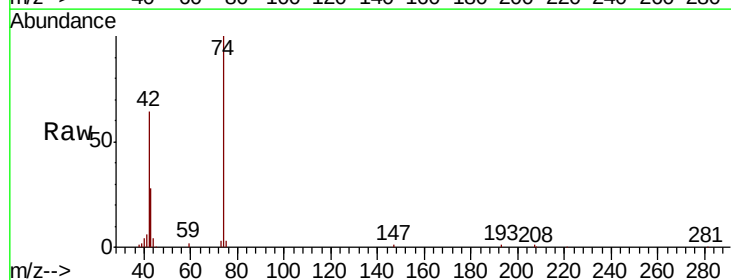


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

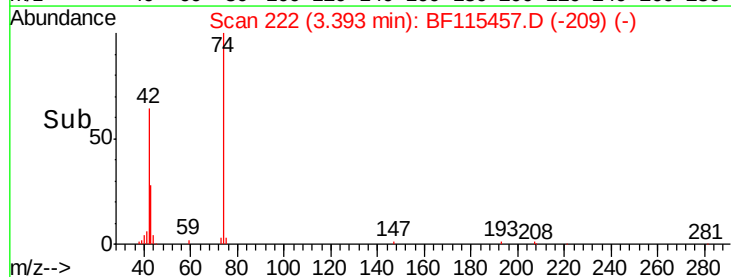
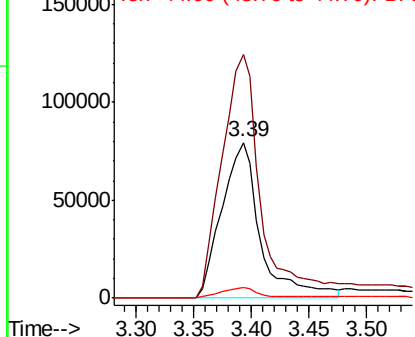


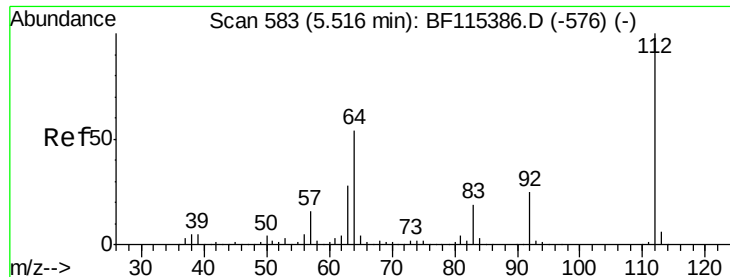
#4
 n-Nitrosodimethylamine
 Concen: 29.292 ng
 RT: 3.39 min Scan# 222
 Delta R.T. -0.02 min
 Lab File: BF115457.D
 Acq: 10 Jul 2019 16:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	156.8	128.5	192.7
44	6.8	5.3	7.9



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: 76.845 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

Instrument :

BNA_F

ClientSampled :

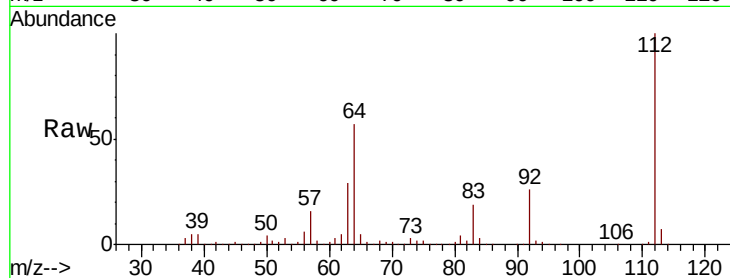
Tot Ion: 112 Resp: 881368

Ion Ratio Lower Upper

112 100

64 57.2 44.2 66.2

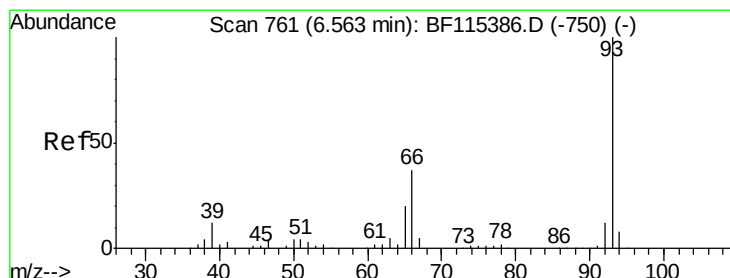
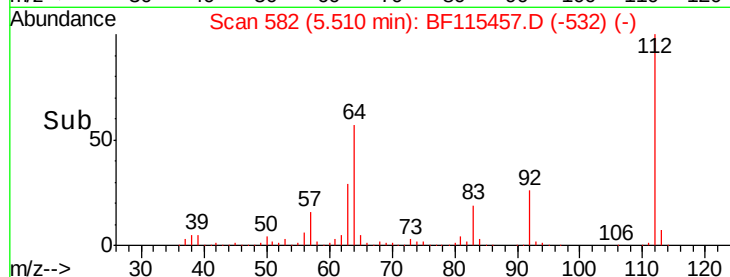
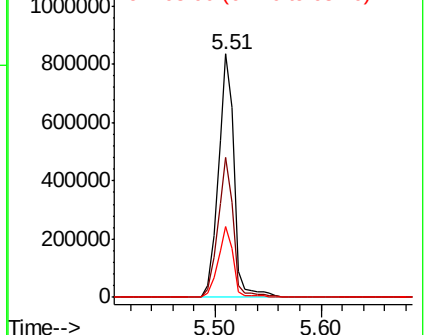
63 28.8 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.500 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

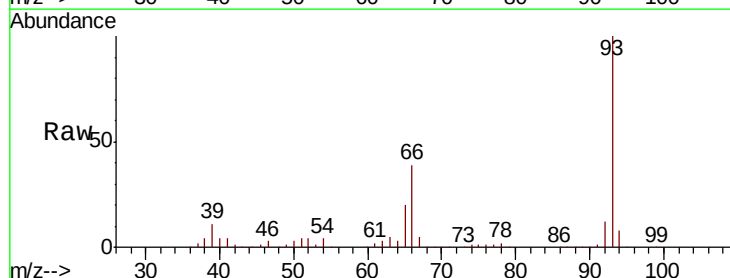
Tgt Ion: 93 Resp: 771906

Ion Ratio Lower Upper

93 100

66 38.8 31.3 46.9

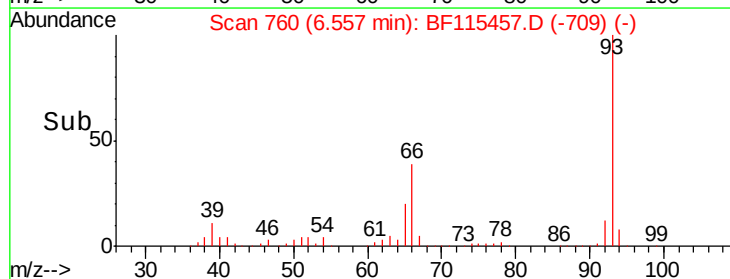
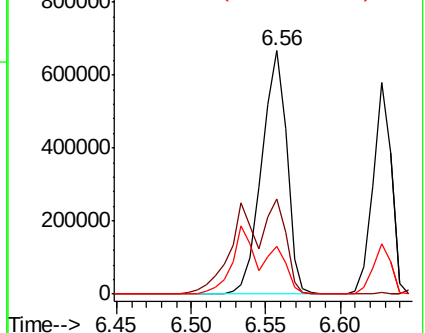
65 19.5 15.9 23.9

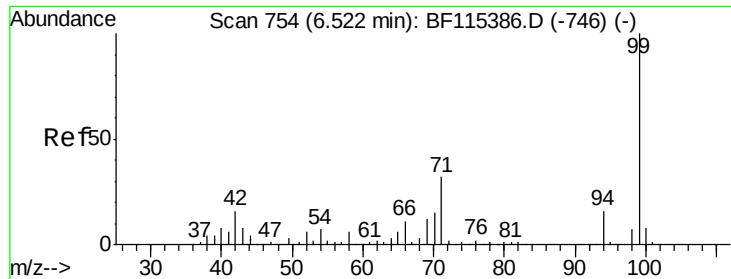


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.340 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

Instrument :

BNA_F

ClientSampled :

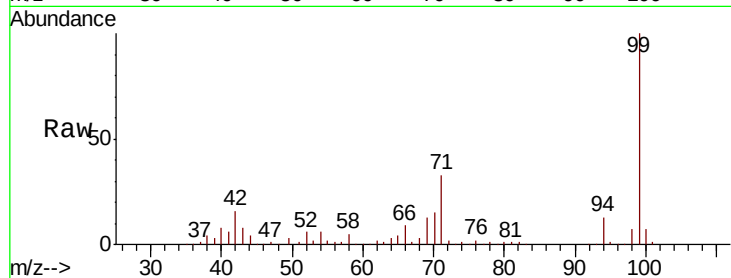
Tot Ion: 99 Resp: 1098962

Ion Ratio Lower Upper

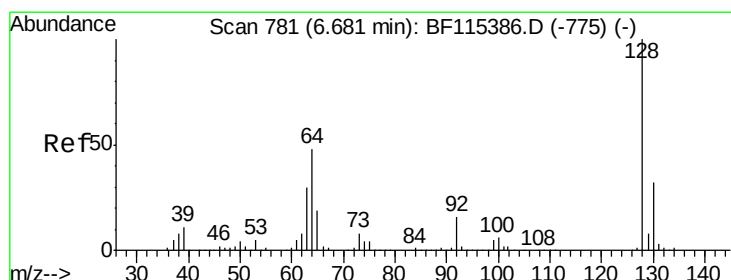
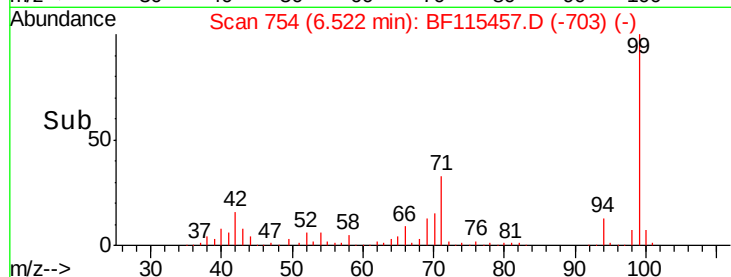
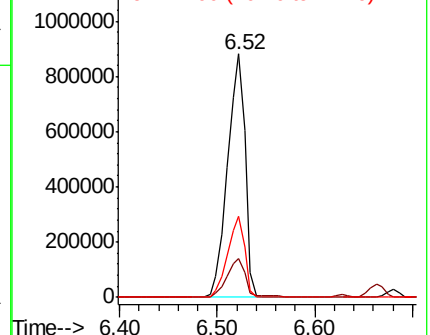
99 100

42 16.1 12.8 19.2

71 33.2 26.5 39.7



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: 38.831 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

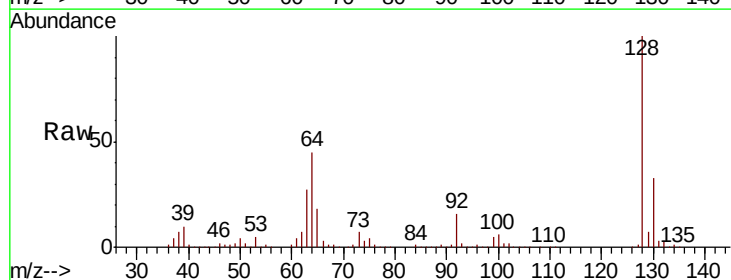
Tgt Ion: 128 Resp: 502894

Ion Ratio Lower Upper

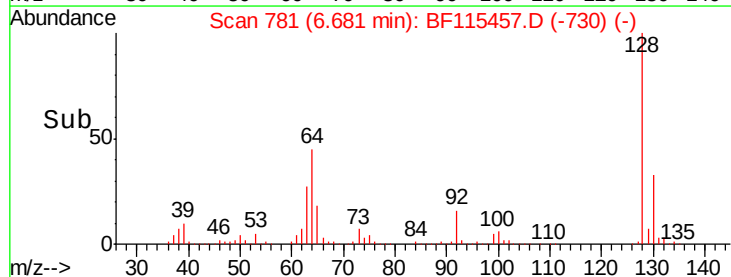
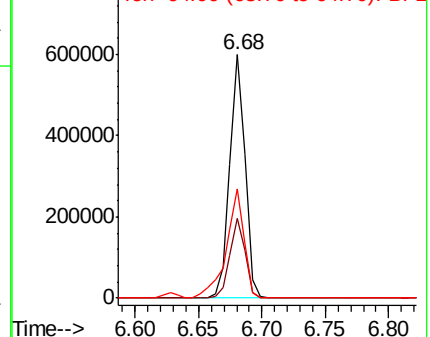
128 100

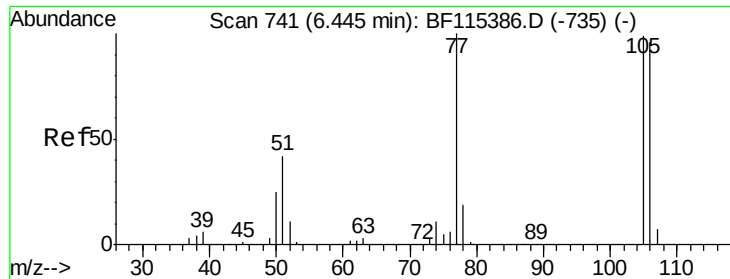
130 32.8 11.8 51.8

64 45.0 27.0 67.0



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: 42.037 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

Instrument :

BNA_F

ClientSampleId :

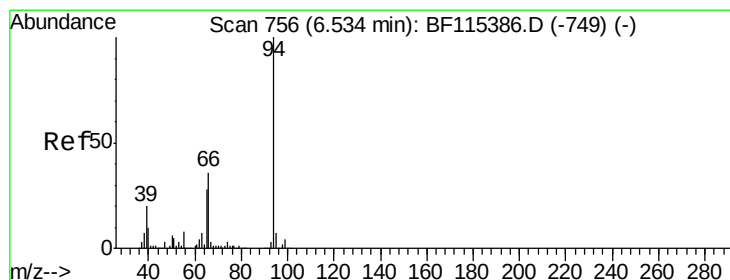
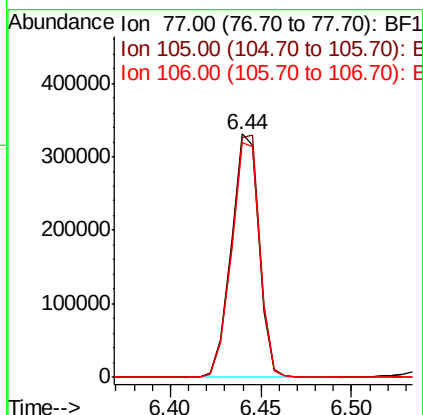
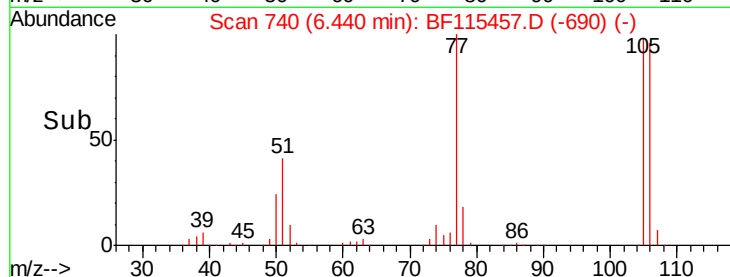
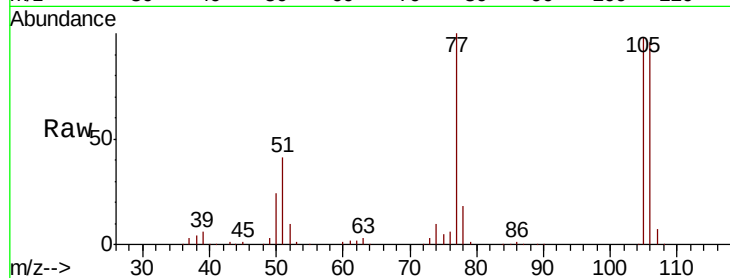
Tot Ion: 77 Resp: 350555

Ion Ratio Lower Upper

77 100

105 98.5 82.9 122.9

106 96.3 77.8 117.8



#10

Phenol

Concen: 37.230 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

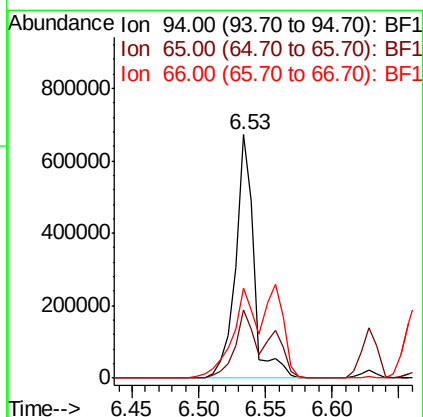
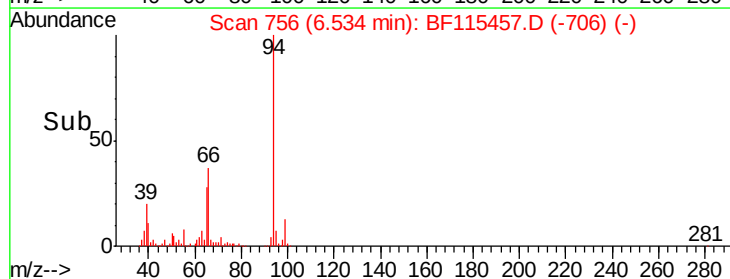
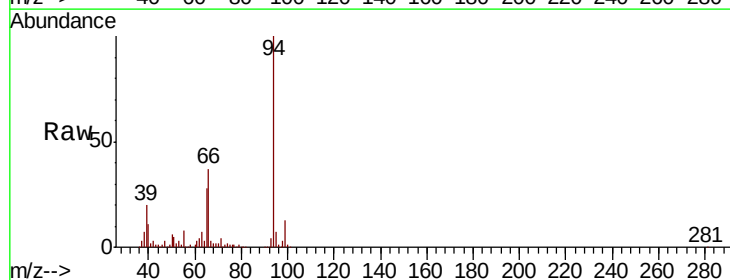
Tgt Ion: 94 Resp: 649748

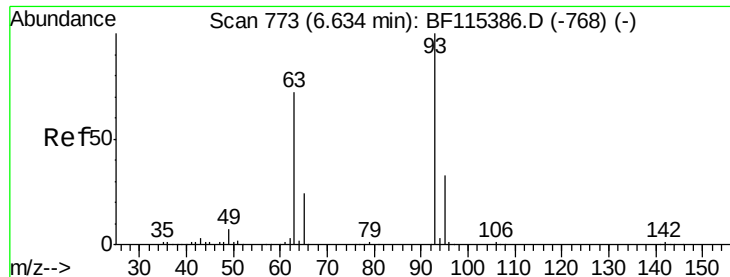
Ion Ratio Lower Upper

94 100

65 28.0 7.2 47.2

66 36.9 16.9 56.9

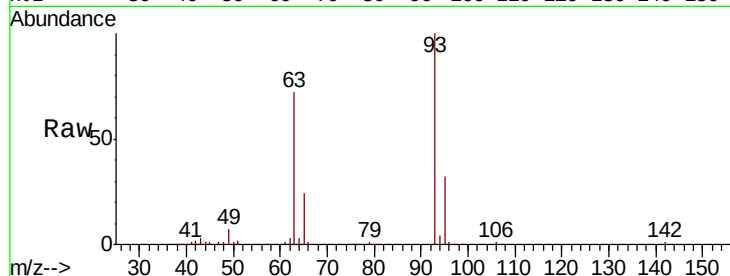




#11
bis(2-Chloroethyl)ether
Concen: 37.345 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.0	50.0	90.0
95	32.3	12.6	52.6

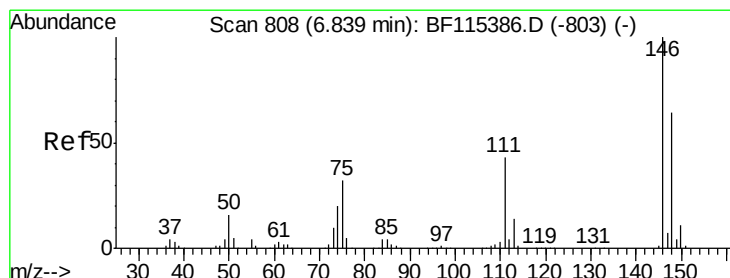
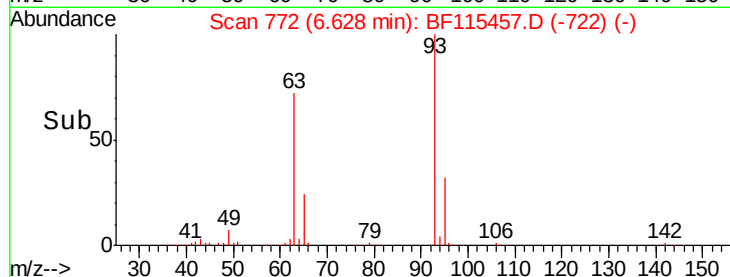
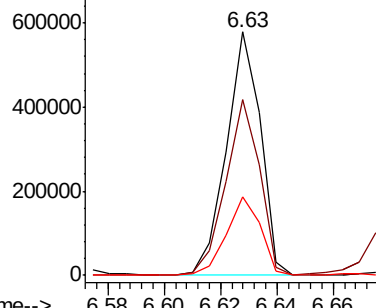


Abundance

Ion 93.00 (92.70 to 93.70): BF1

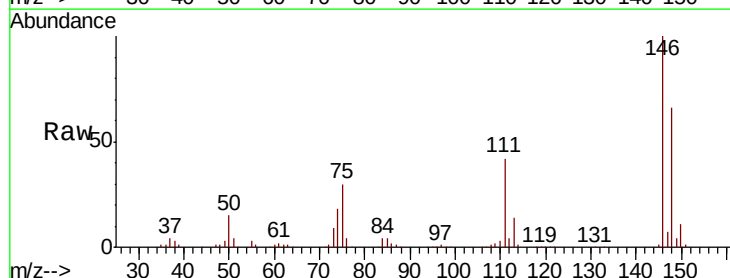
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 38.246 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.3	78.5
75	30.0	24.8	37.2

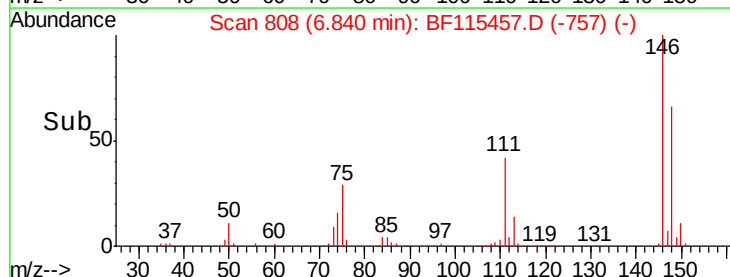
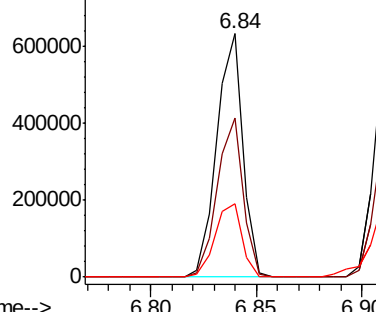


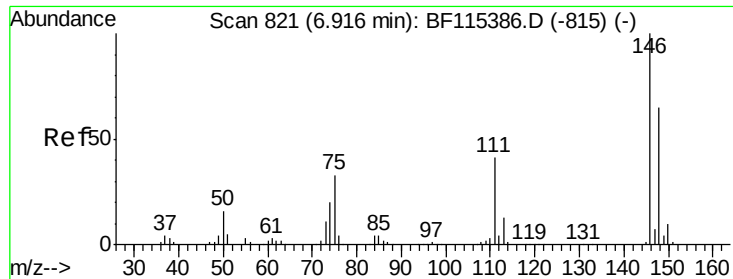
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

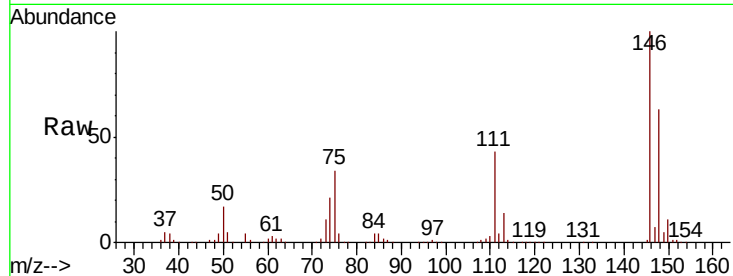




#13
 1,4-Dichlorobenzene
 Concen: 38.613 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF115457.D
 Acq: 10 Jul 2019 16:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.3	76.9
111	42.8	32.1	48.1

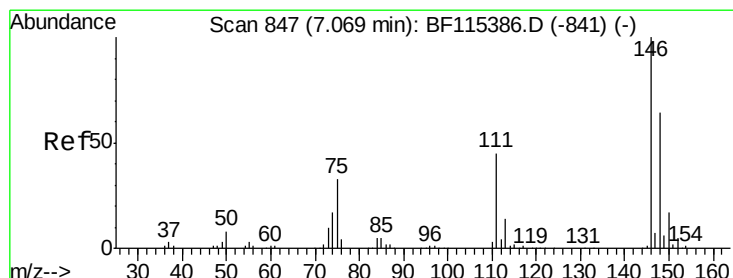
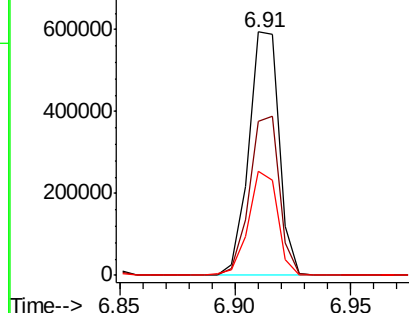
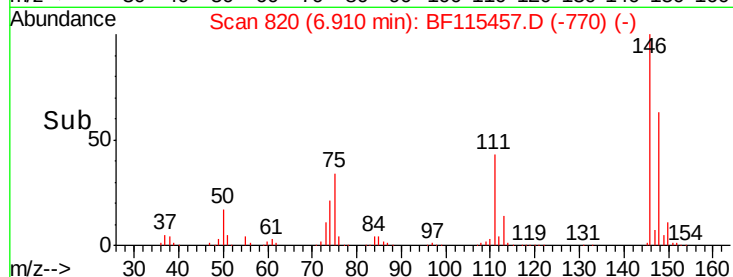


Abundance

Ion 146.00 (145.70 to 146.70): E

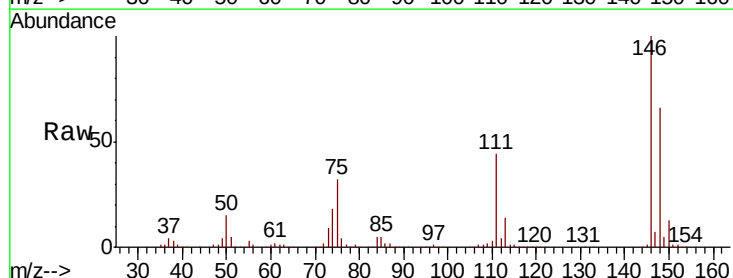
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.523 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF115457.D
 Acq: 10 Jul 2019 16:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.6	75.8
111	44.2	35.4	53.2

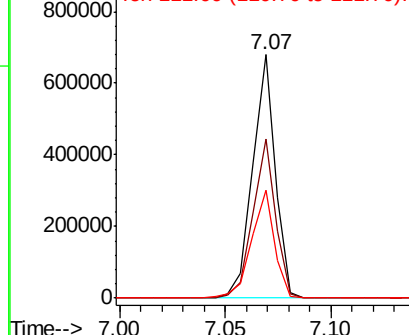
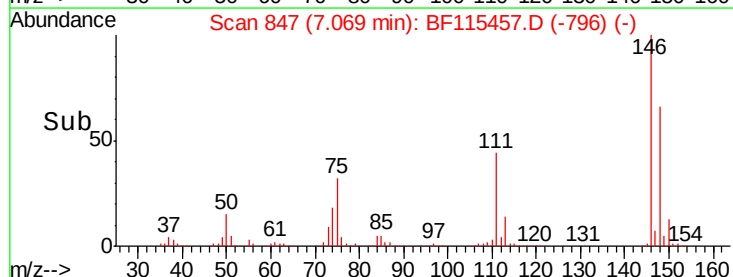


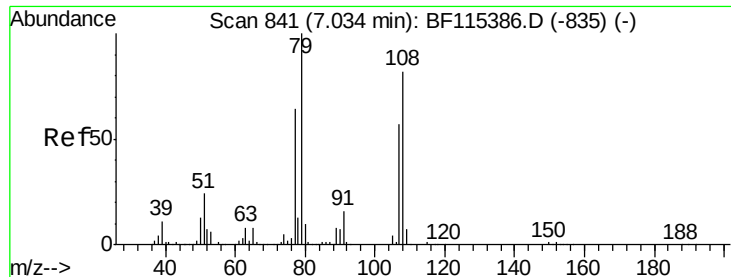
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.778 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

Instrument :

BNA_F

ClientSampled :

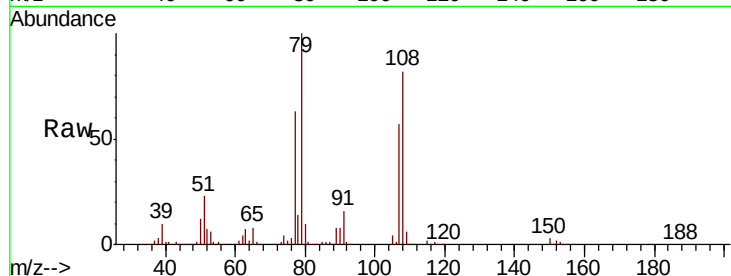
Tot Ion: 79 Resp: 442194

Ion Ratio Lower Upper

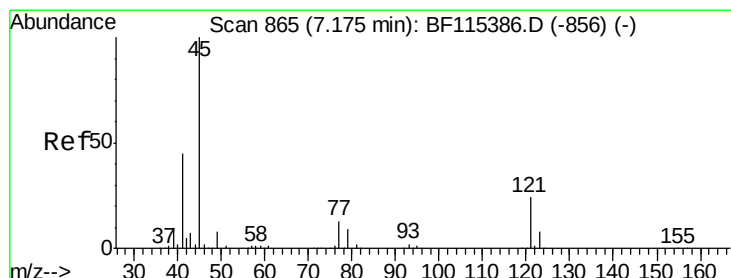
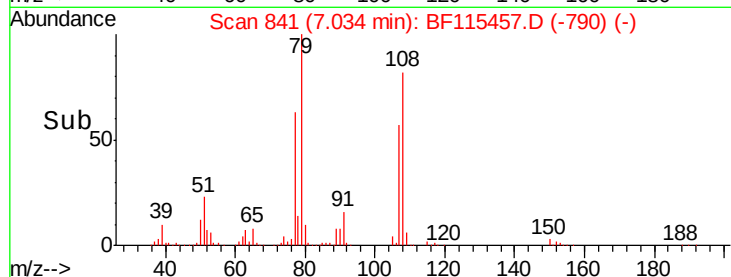
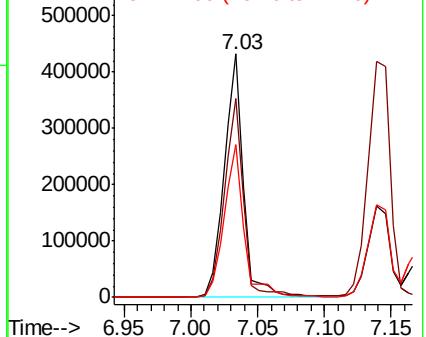
79 100

108 81.7 65.3 97.9

77 63.0 50.6 75.8



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: 35.730 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

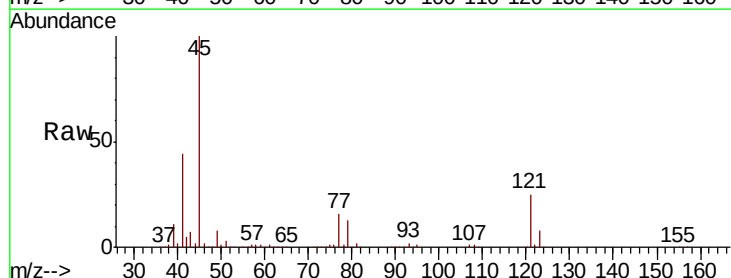
Tgt Ion: 45 Resp: 646833

Ion Ratio Lower Upper

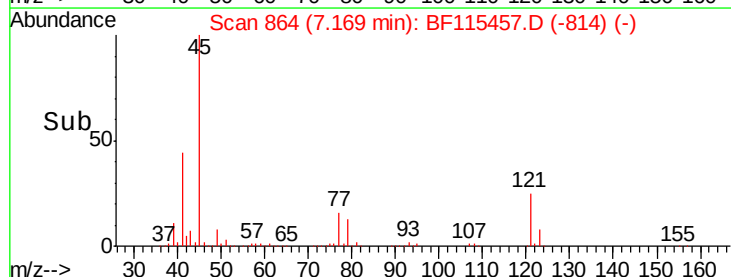
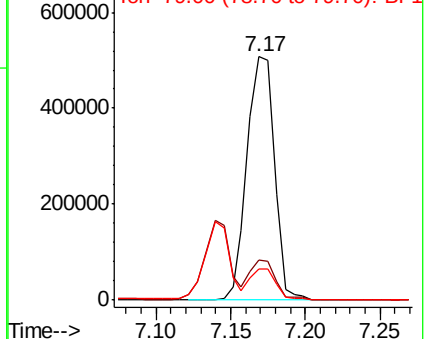
45 100

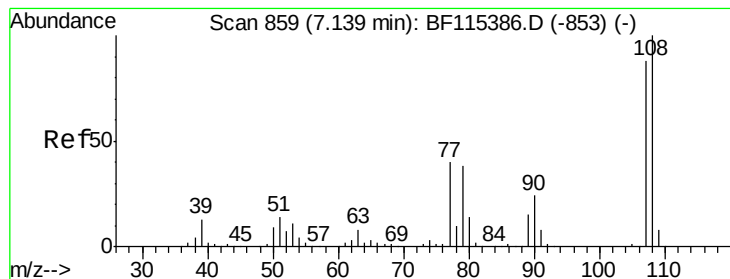
77 16.4 0.0 36.4

79 12.7 0.0 33.4



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

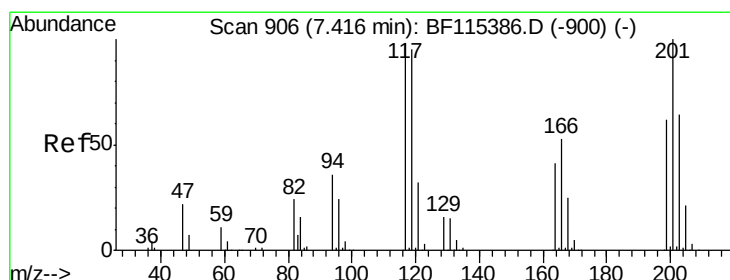
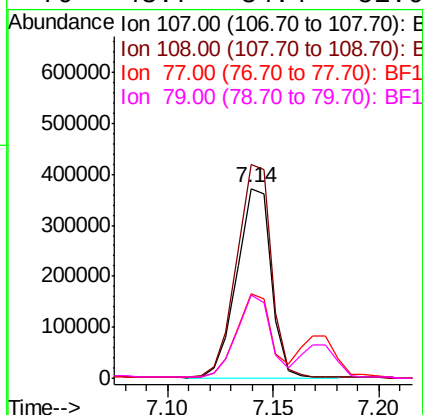
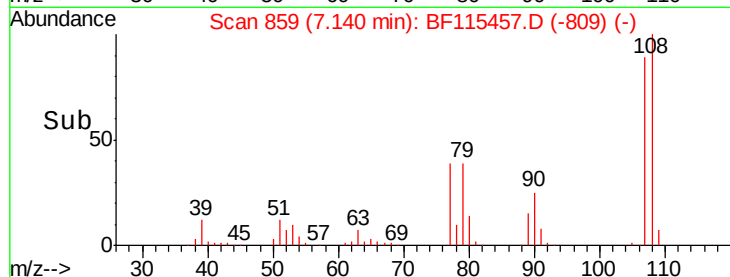
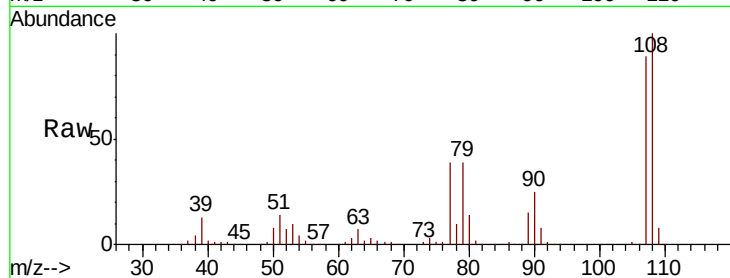




#17
2-Methylphenol
Concen: 37.718 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

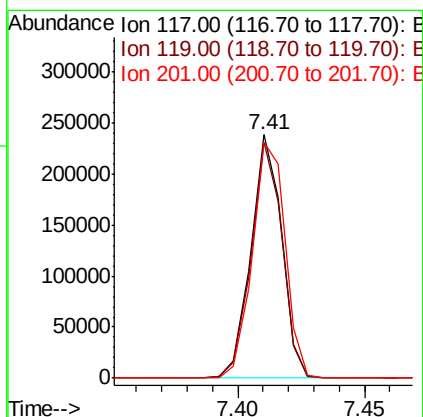
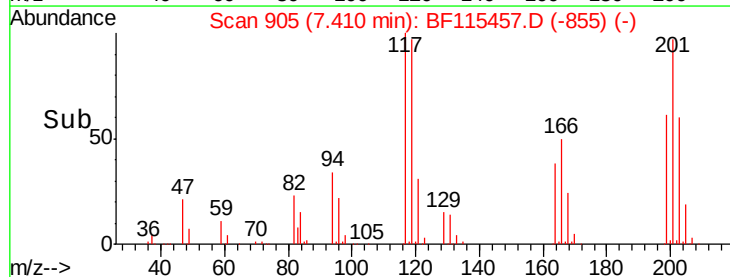
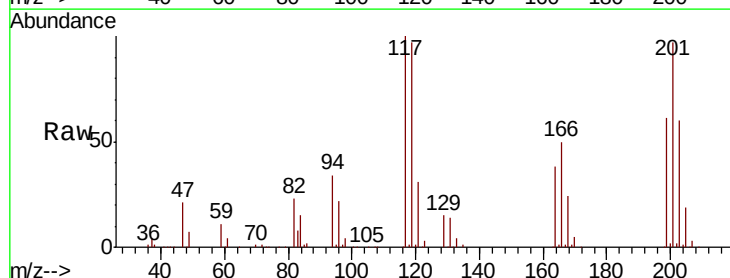
Instrument :
BNA_F
ClientSampleId :

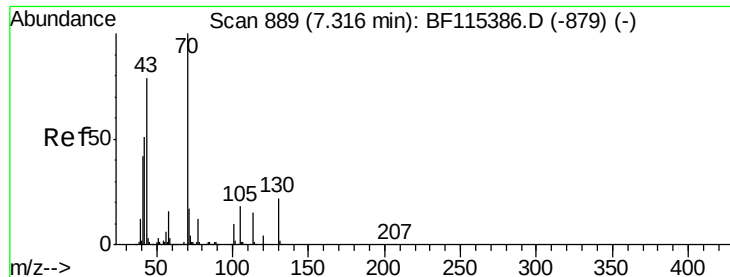
Tot Ion:	107	Resp:	418477
Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.0	135.0
77	44.3	35.0	52.4
79	43.7	34.4	51.6



#18
Hexachloroethane
Concen: 38.172 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion:	117	Resp:	202101
Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.8	115.2
201	96.7	85.8	128.6

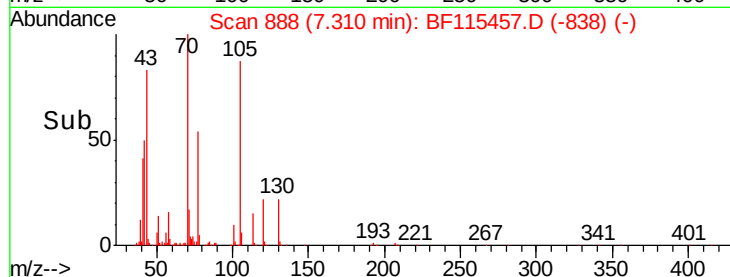
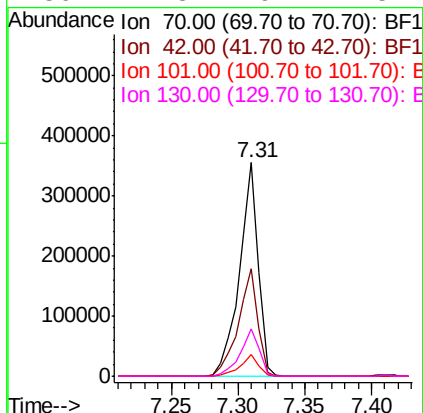
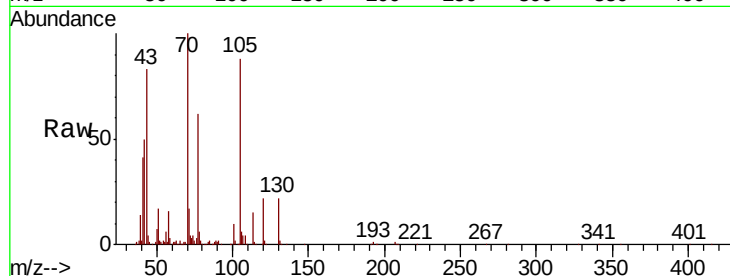




#19
n-Nitroso-di-n-propylamine
Concen: 35.362 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

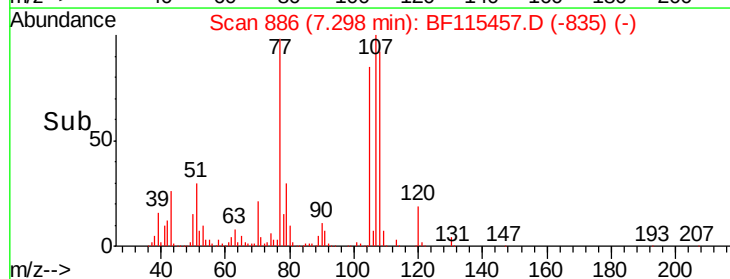
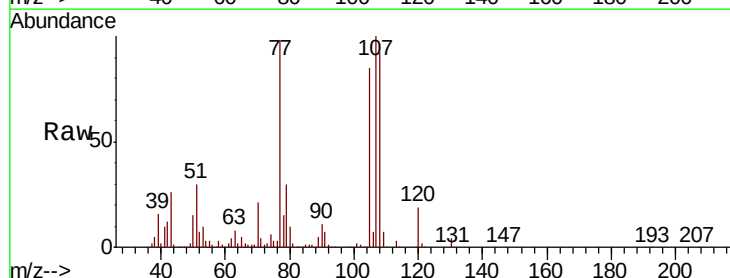
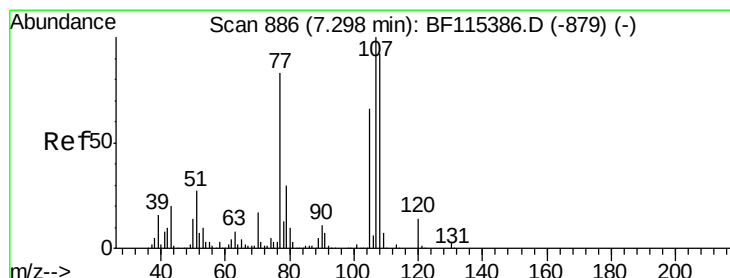
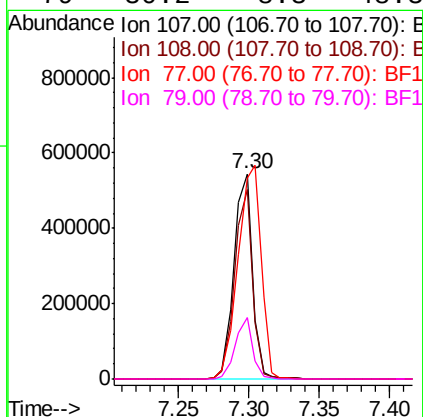
Instrument :
BNA_F
ClientSampled :

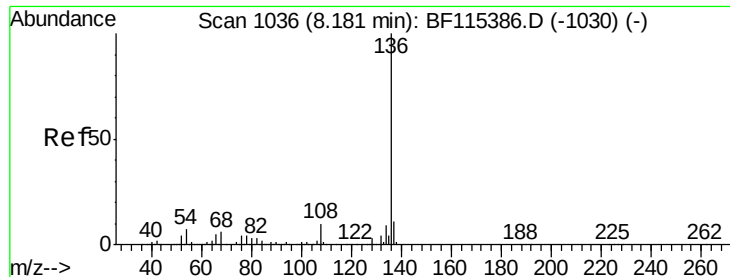
Tot Ion	Ratio	Lower	Upper
70	100		
42	50.4	38.5	57.7
101	9.9	8.0	12.0
130	22.3	19.1	28.7



#20
3+4-Methylphenols
Concen: 37.937 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	70.5	110.5
77	98.0	63.0	103.0
79	30.2	8.3	48.3

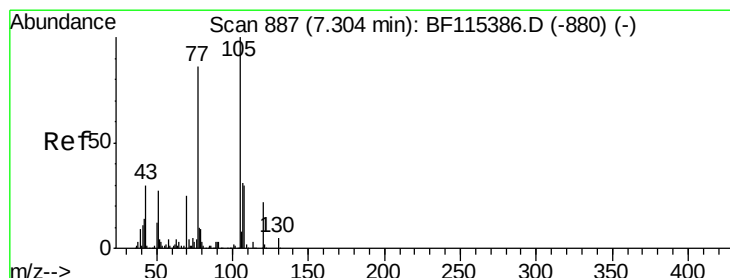
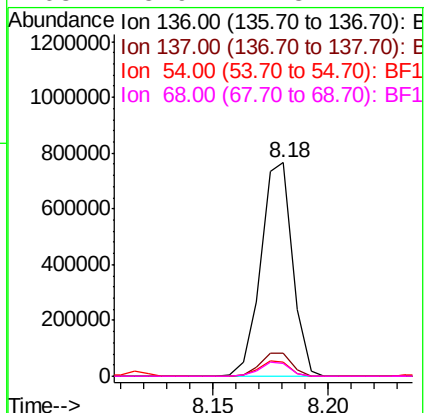
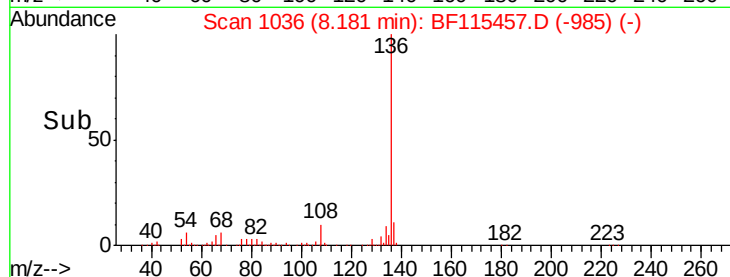
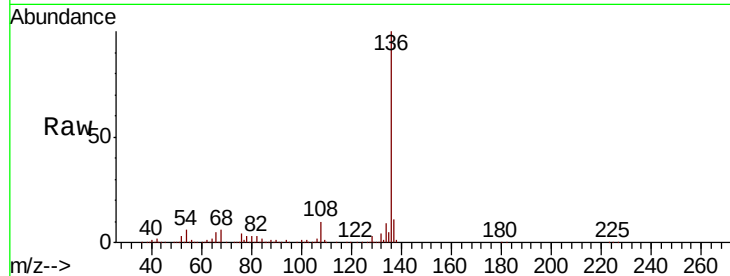




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

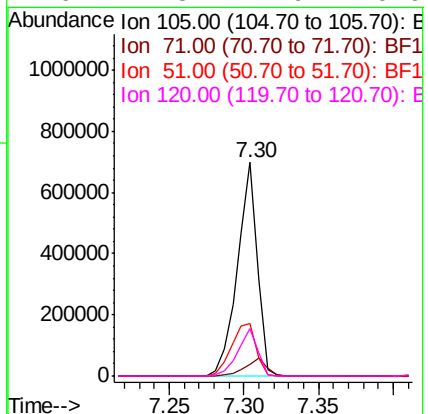
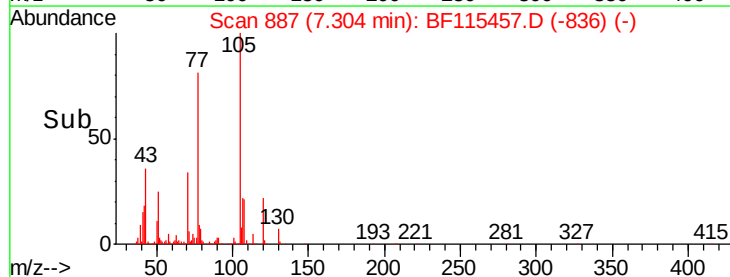
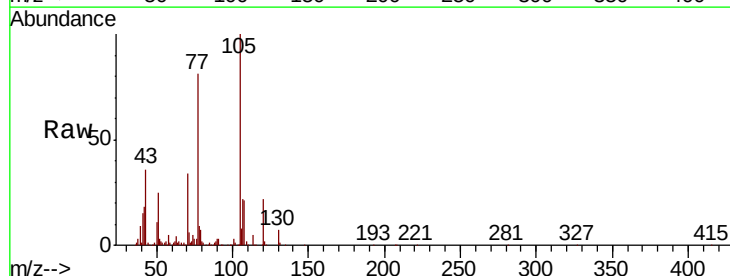
Instrument :
BNA_F
ClientSampled :

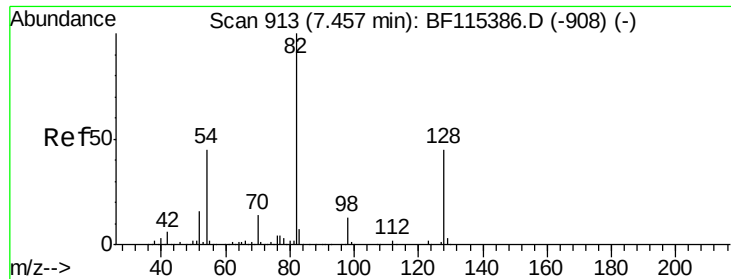
Tot Ion:136	Resp:	734875
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	6.3	5.4 8.0
68	5.9	4.8 7.2



#22
Acetophenone
Concen: 37.057 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion:105	Resp:	652548
Ion Ratio	Lower	Upper
105	100	
71	5.7	3.5 5.3#
51	24.6	22.6 33.8
120	22.3	17.9 26.9

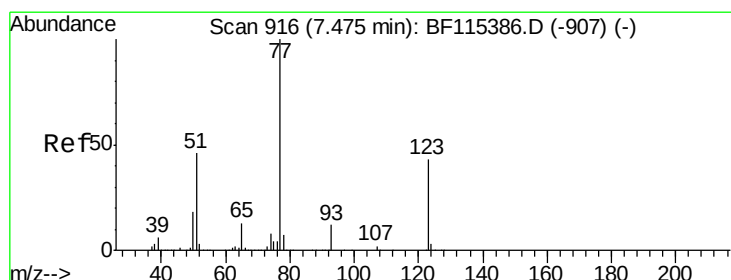
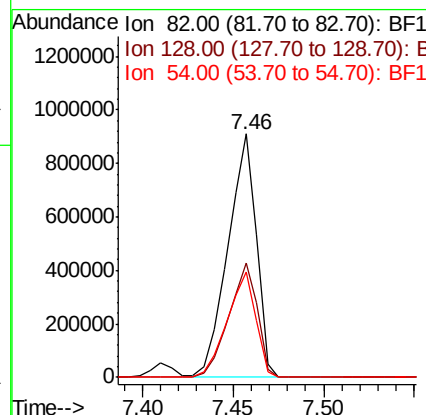
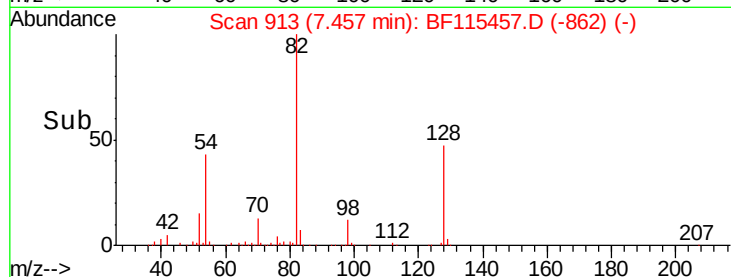
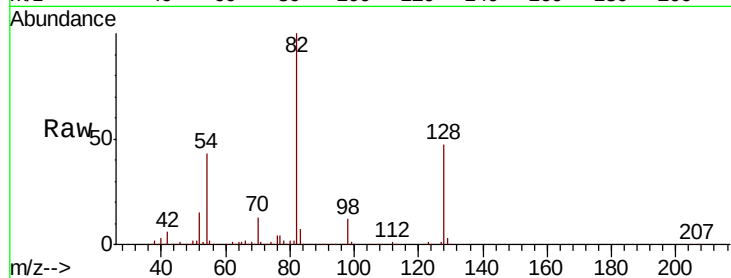




#23
Nitrobenzene-d5
Concen: 79.945 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

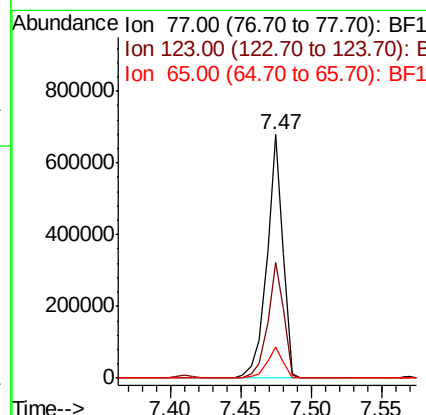
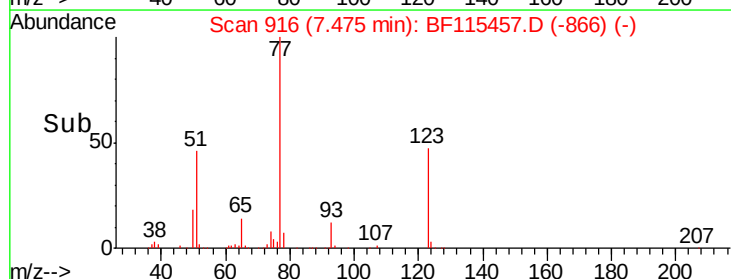
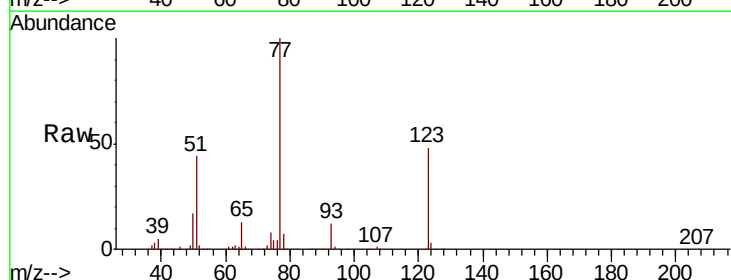
Instrument :
BNA_F
ClientSampleId :

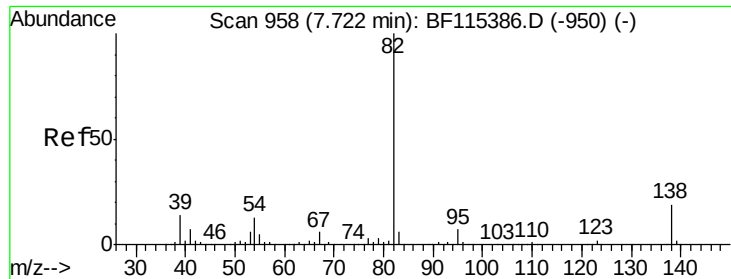
Tot Ion	82	Resp	994355
Ion Ratio	100	Lower	Upper
128	46.9	36.7	55.1
54	43.2	35.6	53.4



#24
Nitrobenzene
Concen: 38.717 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion	77	Resp	543845
Ion Ratio	100	Lower	Upper
123	47.5	40.4	60.6
65	13.0	10.4	15.6





#25

Isophorone

Concen: 36.188 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

Instrument :

BNA_F

ClientSampled :

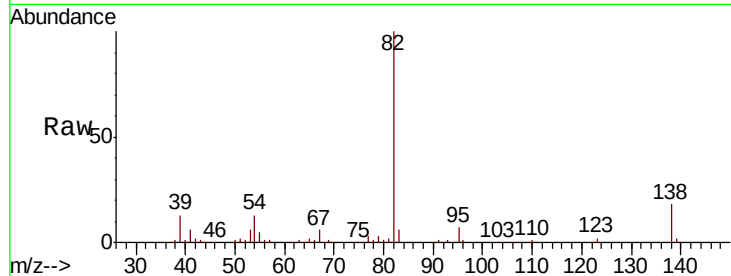
Tot Ion: 82 Resp: 975618

Ion Ratio Lower Upper

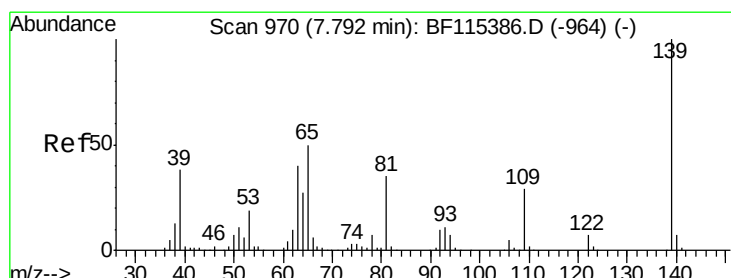
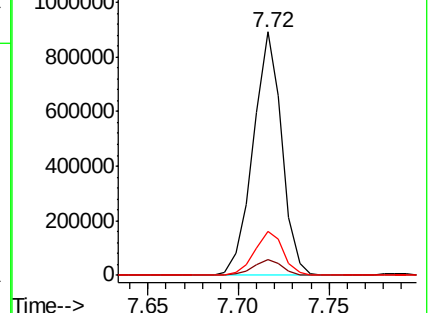
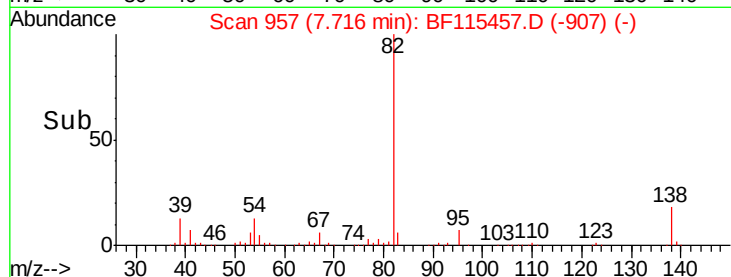
82 100

95 6.7 5.4 8.2

138 18.2 15.1 22.7



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: 47.771 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

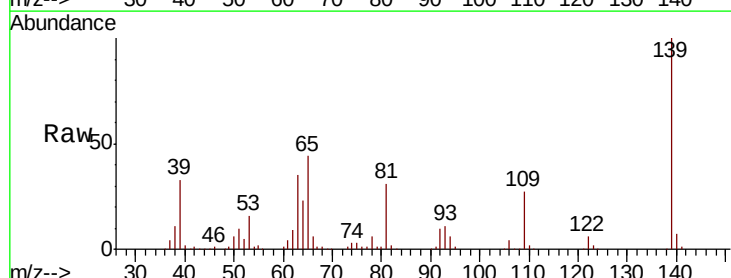
Tgt Ion: 139 Resp: 275878

Ion Ratio Lower Upper

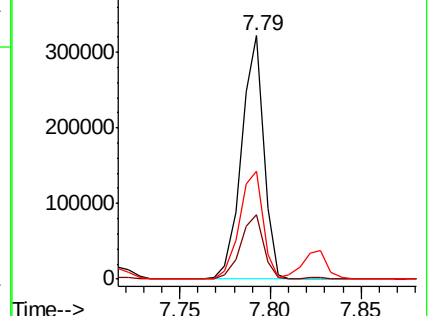
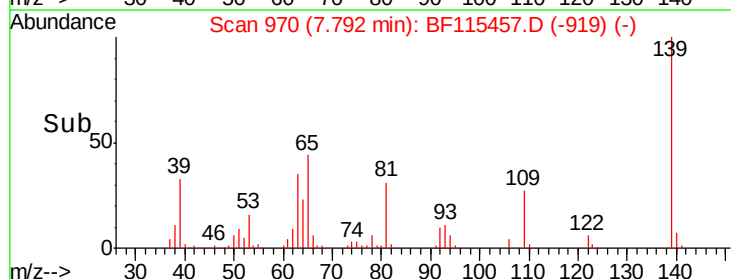
139 100

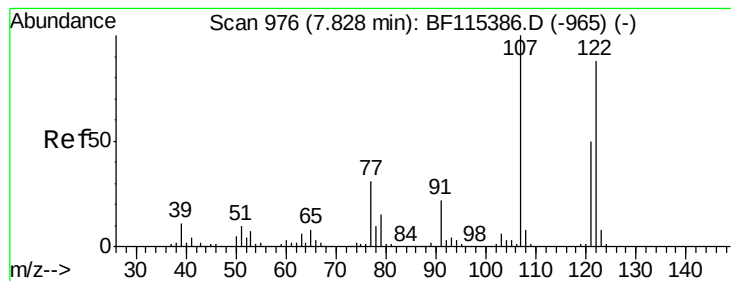
109 26.5 22.2 33.4

65 44.5 37.5 56.3



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

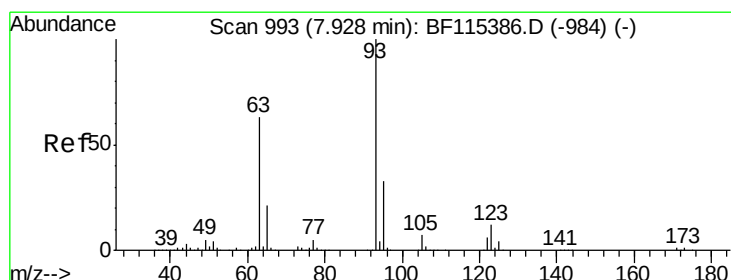
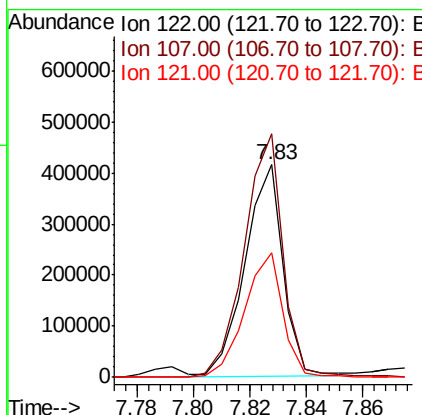
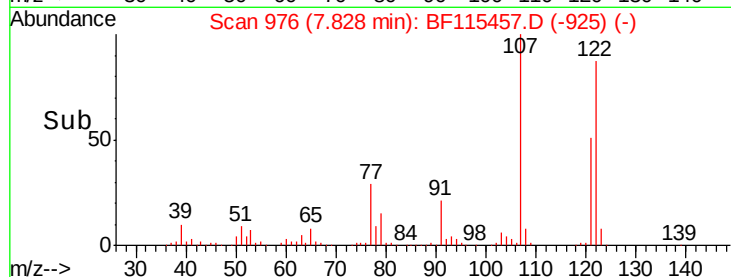
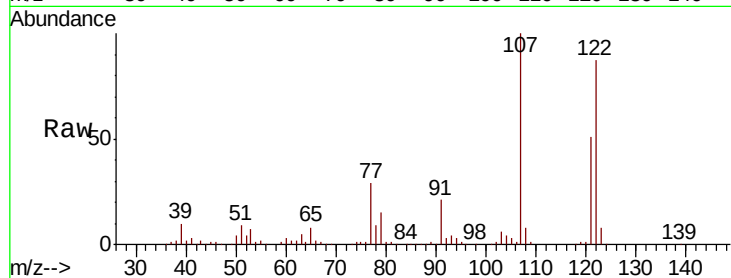




#27
 2,4-Dimethylphenol
 Concen: 35.008 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF115457.D
 Acq: 10 Jul 2019 16:06

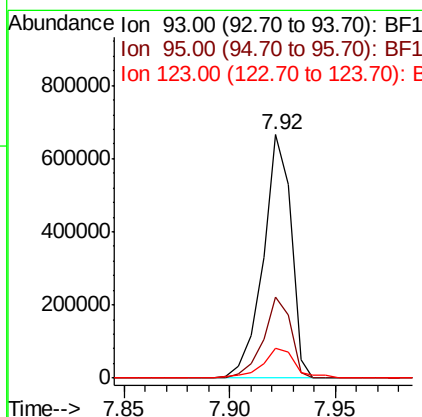
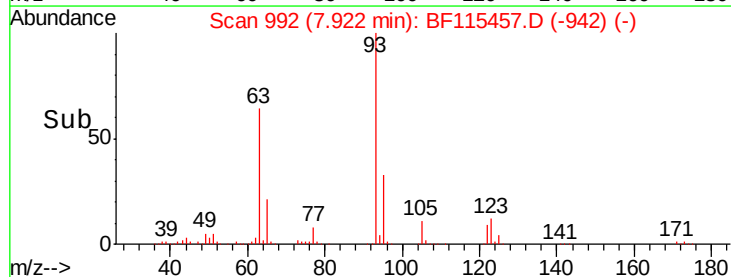
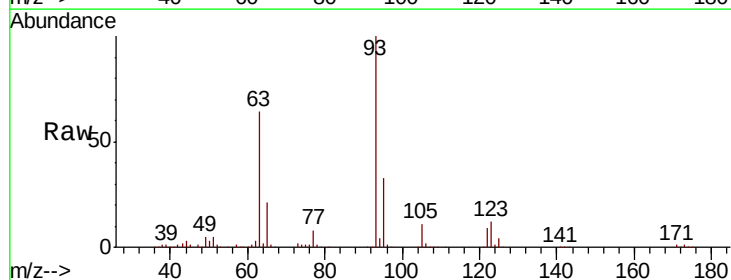
Instrument :
 BNA_F
 ClientSampleId :

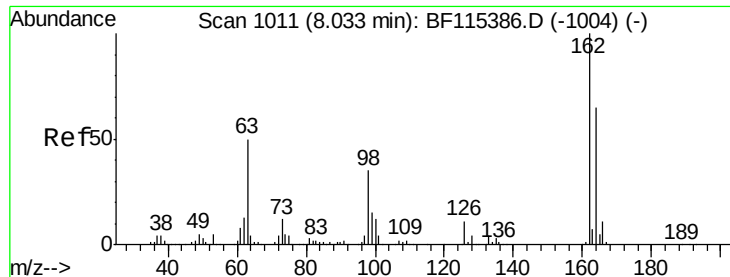
Tot Ion:122 Resp: 385501
 Ion Ratio Lower Upper
 122 100
 107 114.5 91.7 137.5
 121 58.7 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.773 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF115457.D
 Acq: 10 Jul 2019 16:06

Tgt Ion: 93 Resp: 611325
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.6 39.8
 123 12.1 10.4 15.6

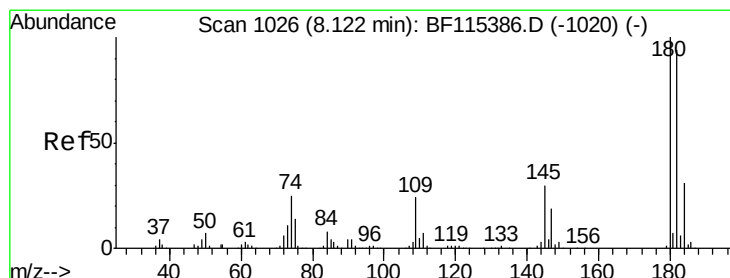
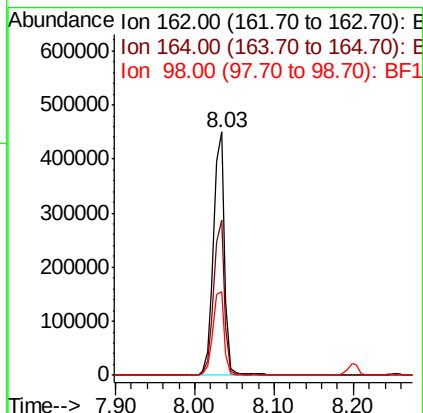
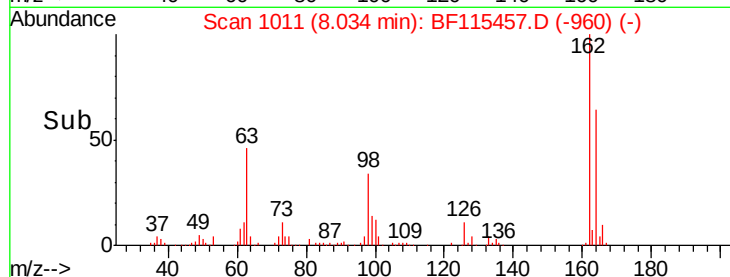
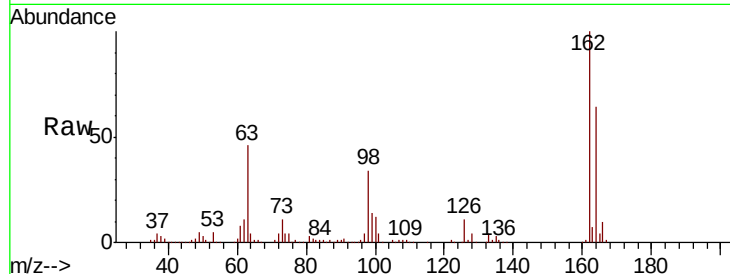




#29
 2,4-Dichlorophenol
 Concen: 40.000 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BF115457.D
 Acq: 10 Jul 2019 16:06

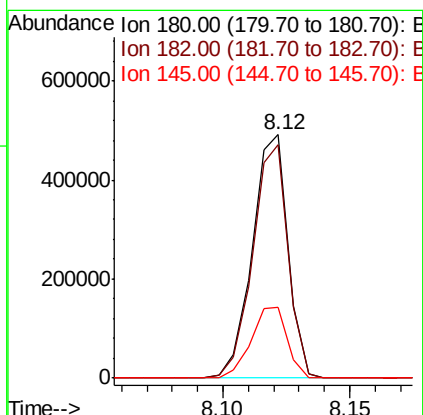
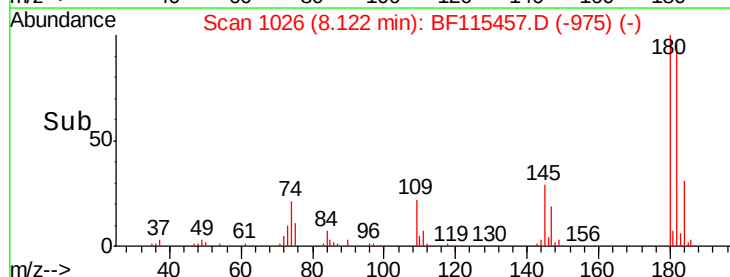
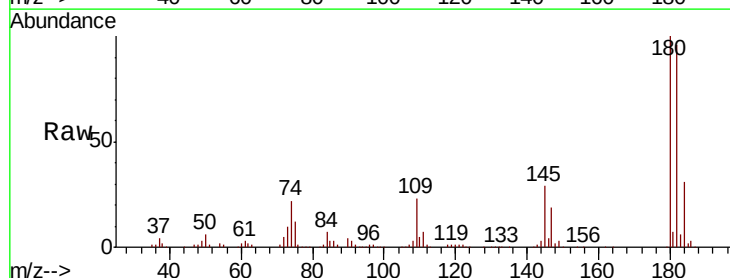
Instrument :
 BNA_F
 ClientSampleId :

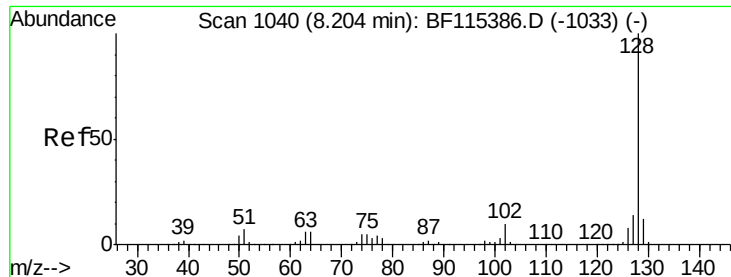
Tot Ion	162	Resp	438721
Ion Ratio	Lower	Upper	
162	100		
164	63.9	45.2	85.2
98	34.2	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.222 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF115457.D
 Acq: 10 Jul 2019 16:06

Tgt Ion	180	Resp	478917
Ion Ratio	Lower	Upper	
180	100		
182	96.1	77.1	115.7
145	29.0	23.9	35.9

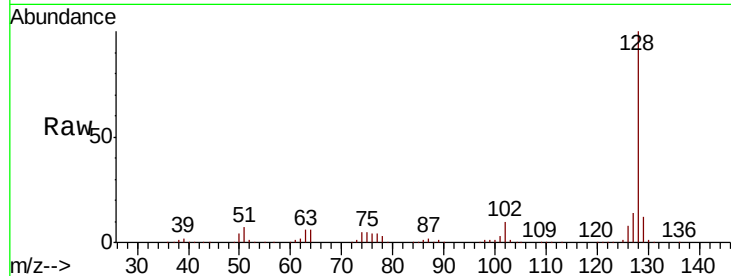




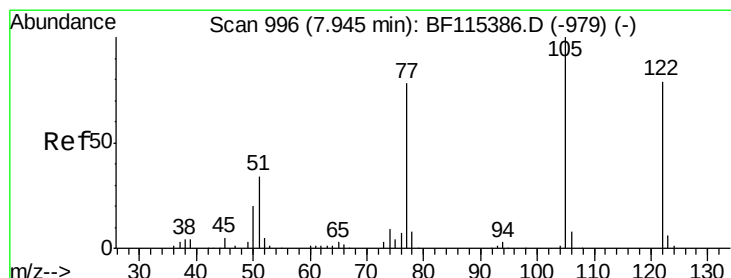
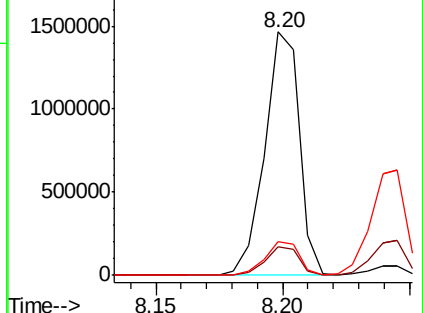
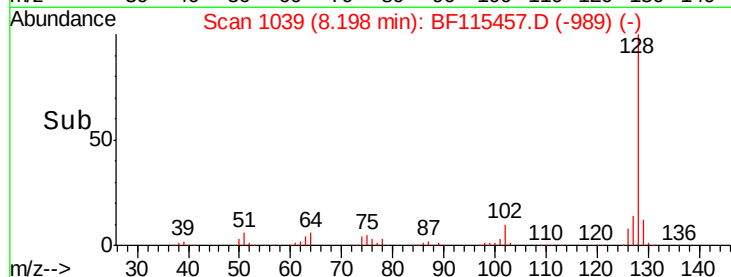
#31
Naphthalene
Concen: 38.453 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1403569
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.8 11.1 16.7

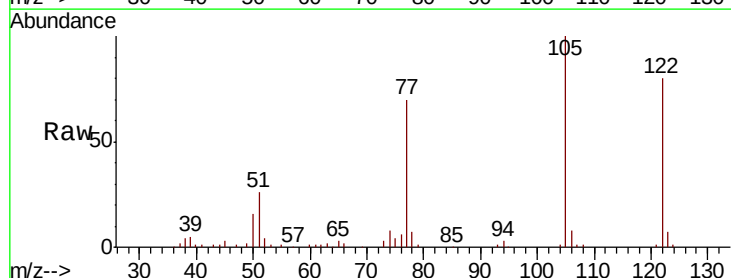


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

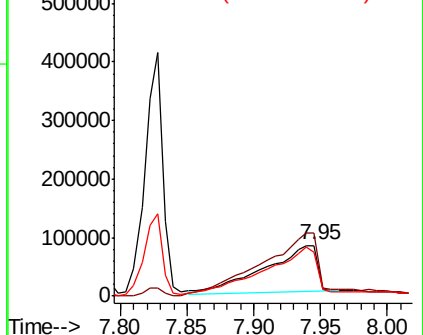
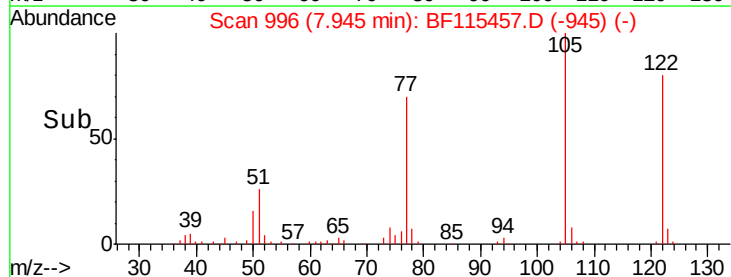


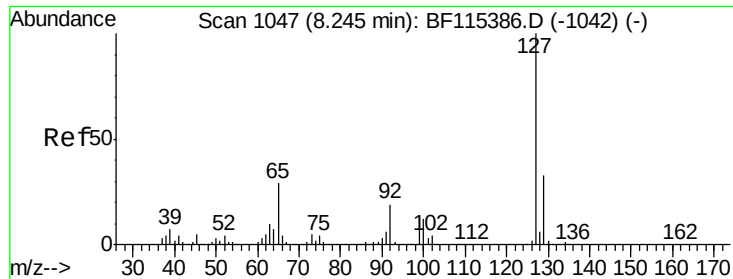
#32
Benzoic acid
Concen: 29.780 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion:122 Resp: 217854
Ion Ratio Lower Upper
122 100
105 124.8 101.6 141.6
77 87.3 69.1 109.1



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

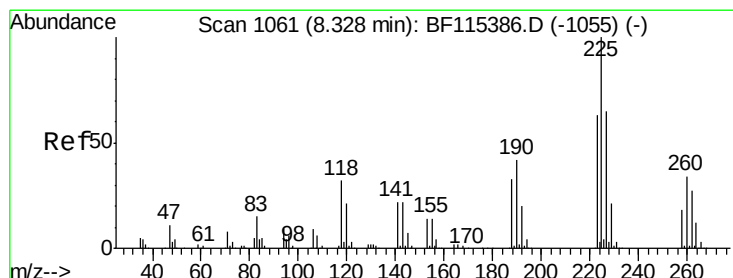
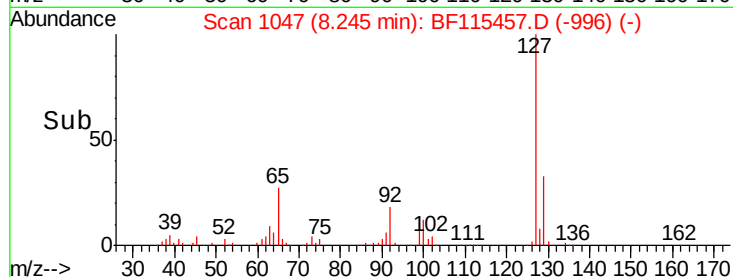
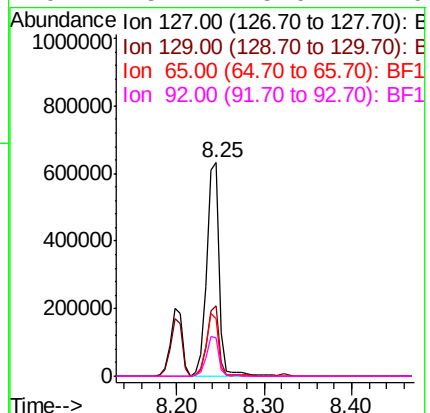
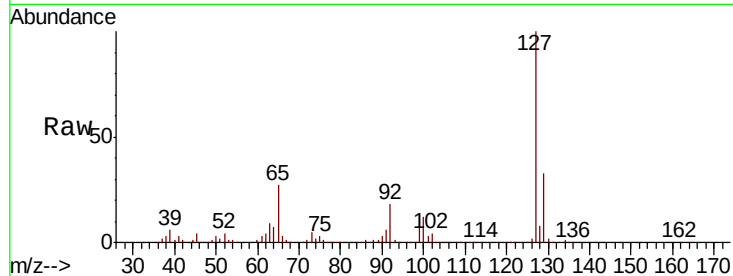




#33
4-Chloroaniline
Concen: 38.894 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

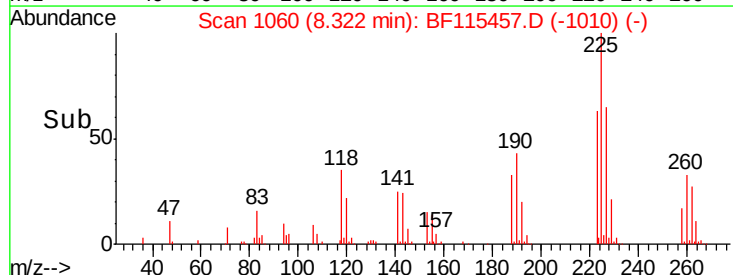
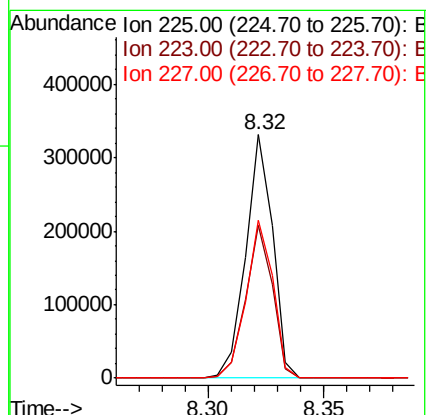
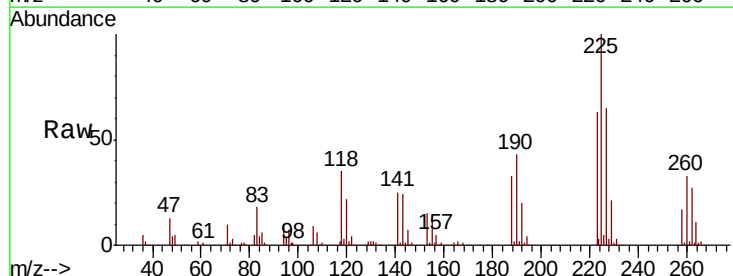
Instrument :
BNA_F
ClientSampled :

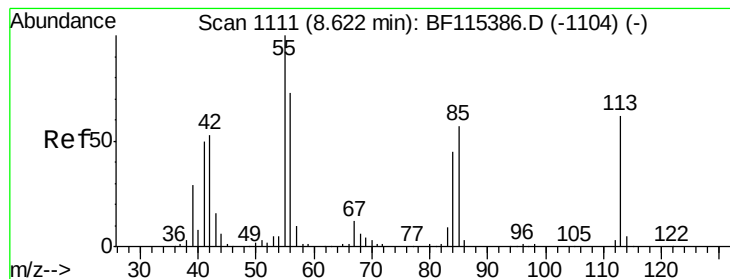
Tot Ion:	127	Resp:	633431
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	27.1	23.2	34.8
92	18.2	15.0	22.6



#34
Hexachlorobutadiene
Concen: 38.981 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion:	225	Resp:	269928
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	64.7	51.4	77.2





#35

Caprolactam

Concen: 38.619 ng

RT: 8.62 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

Instrument :

BNA_F

ClientSampleId :

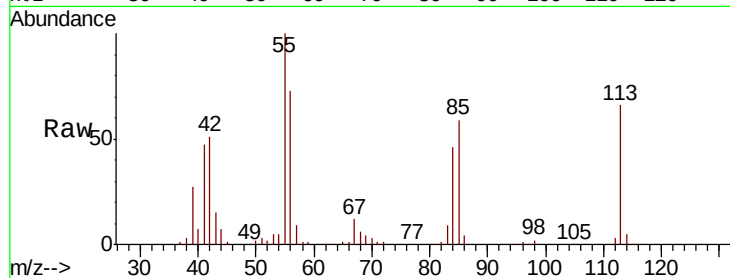
Tot Ion:113 Resp: 137956

Ion Ratio Lower Upper

113 100

55 150.9 138.1 178.1

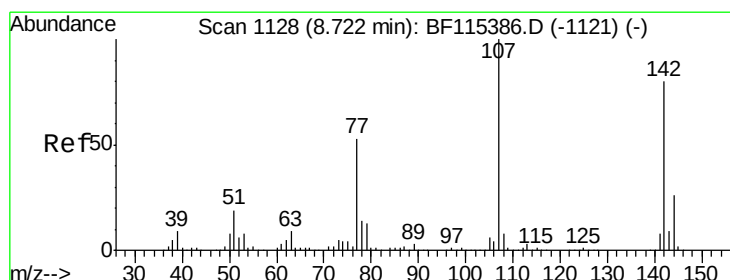
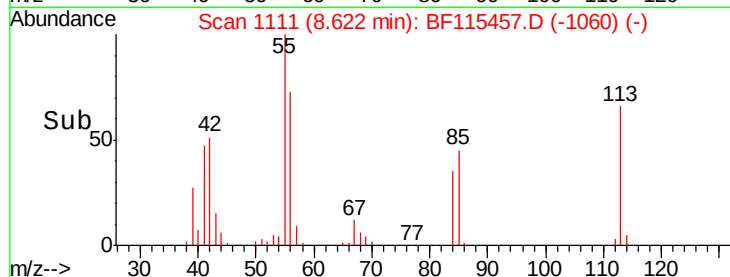
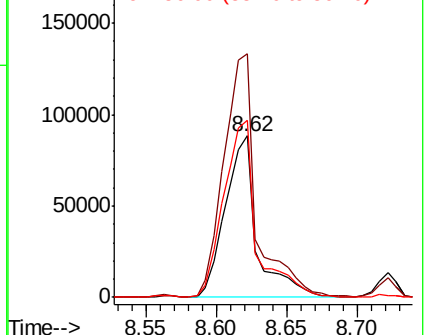
56 109.8 95.7 135.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.793 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

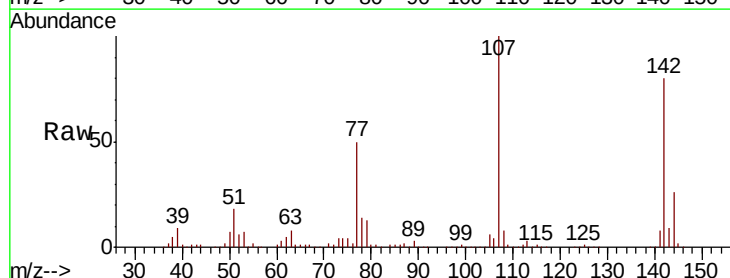
Tgt Ion:107 Resp: 450049

Ion Ratio Lower Upper

107 100

144 26.0 21.5 32.3

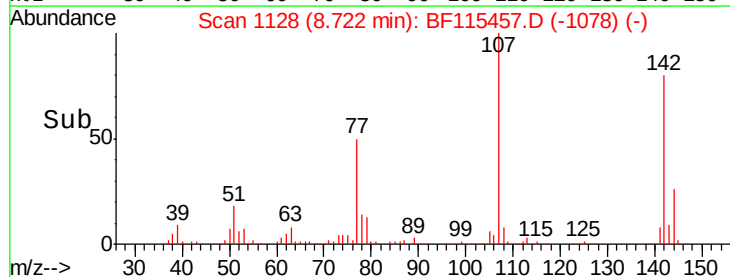
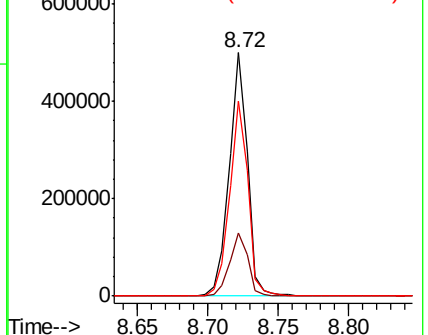
142 79.9 66.2 99.2

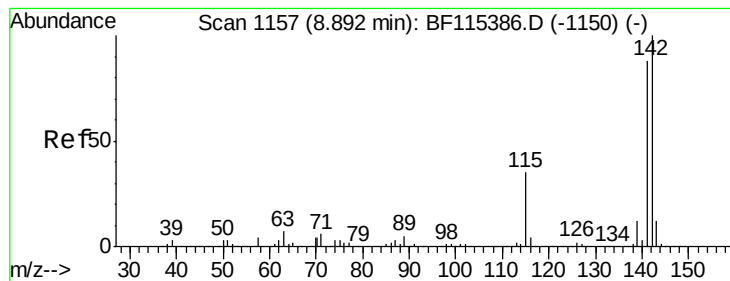


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.968 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

Instrument :

BNA_F

ClientSampled :

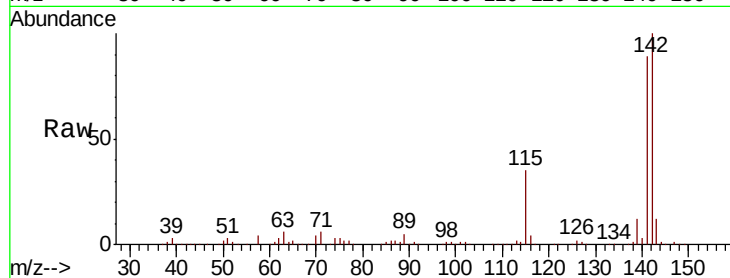
Tot Ion:142 Resp: 926341

Ion Ratio Lower Upper

142 100

141 89.4 72.1 108.1

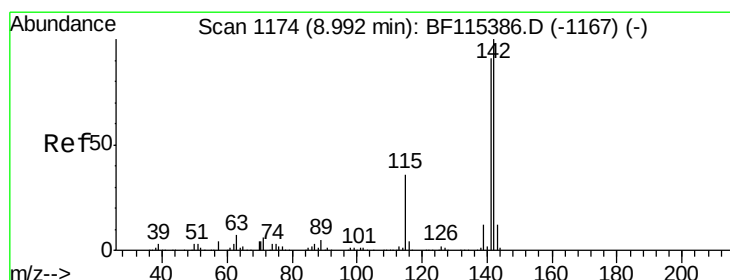
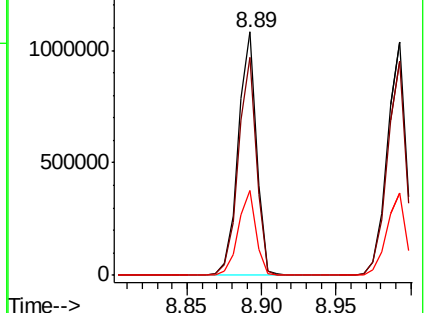
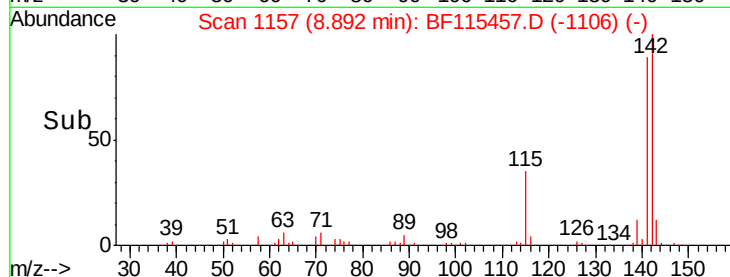
115 34.6 27.6 41.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.073 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

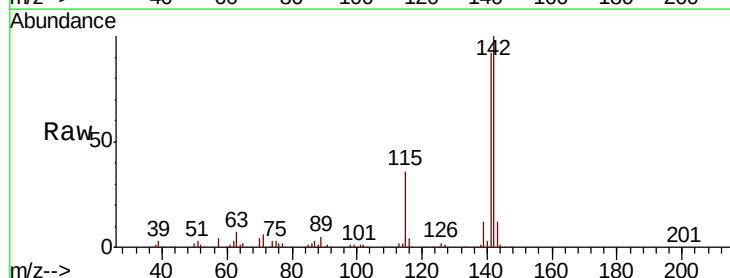
Tgt Ion:142 Resp: 886276

Ion Ratio Lower Upper

142 100

141 91.8 74.3 111.5

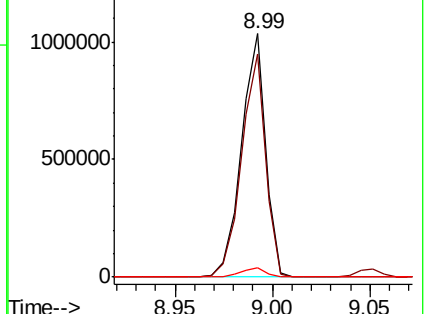
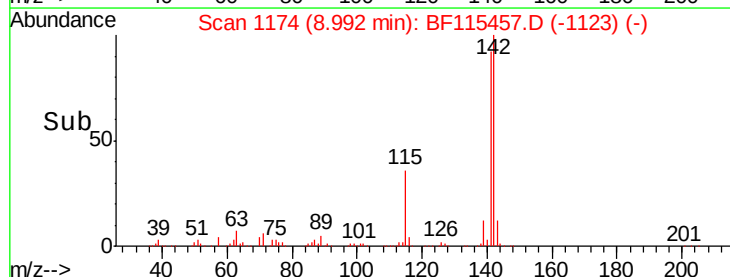
116 3.7 3.1 4.7

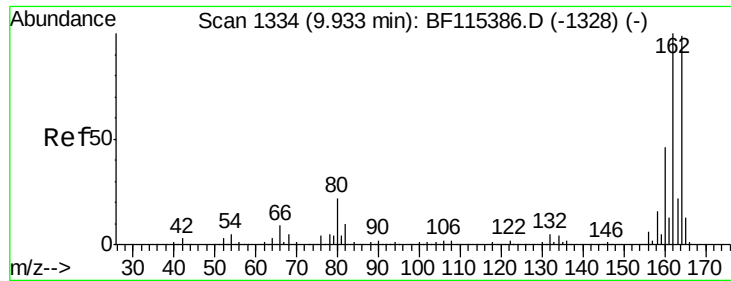


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

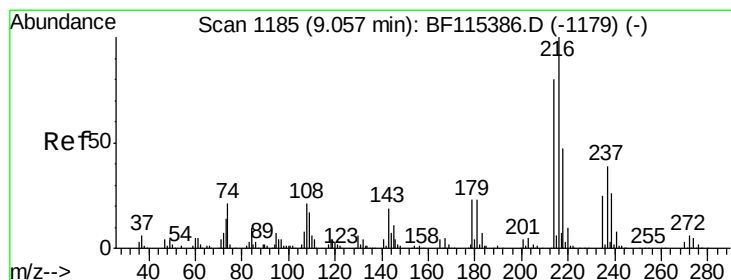
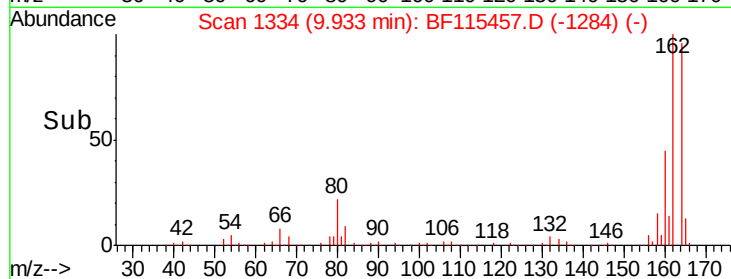
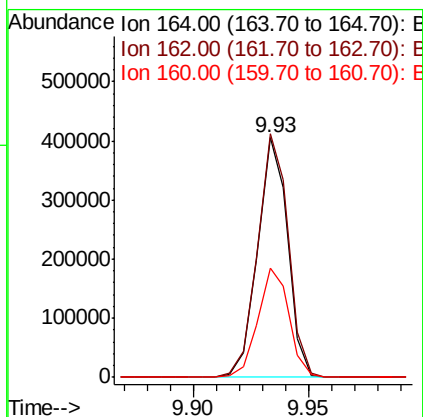
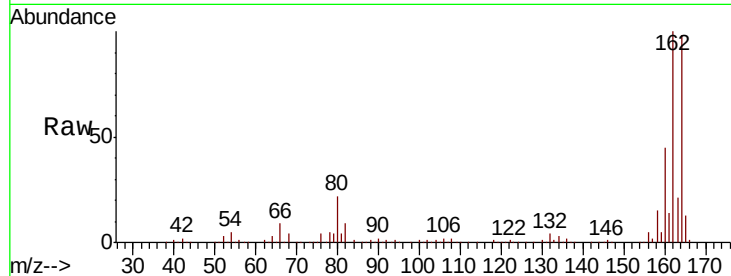




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

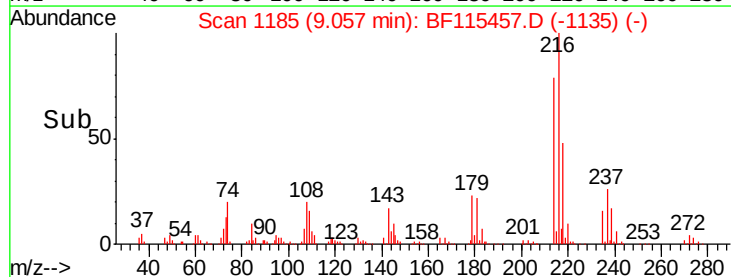
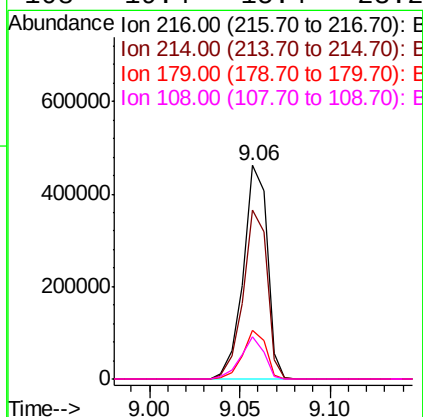
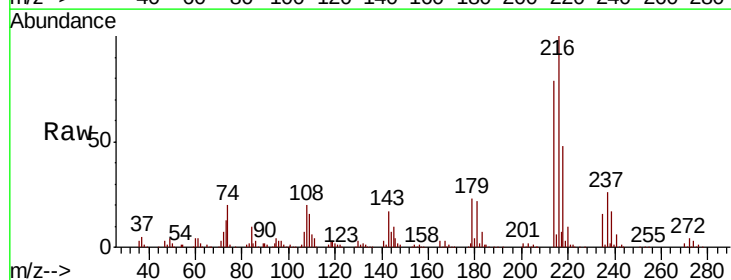
Instrument :
BNA_F
ClientSampleId :

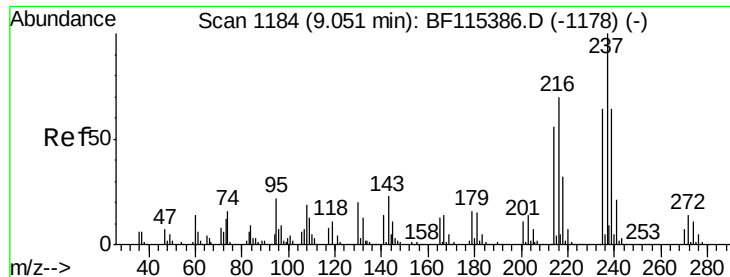
Tot Ion:164 Resp: 367824
Ion Ratio Lower Upper
164 100
162 101.7 82.3 123.5
160 45.7 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.034 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion:216 Resp: 423635
Ion Ratio Lower Upper
216 100
214 79.2 63.0 94.6
179 22.0 17.4 26.0
108 19.4 15.4 23.2





#41

Hexachlorocyclopentadiene

Concen: 38.809 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

Instrument :

BNA_F

ClientSampleId :

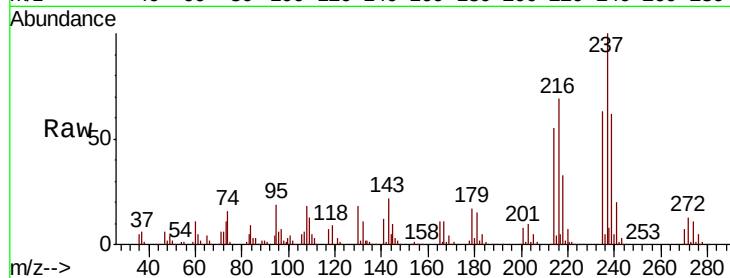
Tot Ion:237 Resp: 238018

Ion Ratio Lower Upper

237 100

235 63.3 43.4 83.4

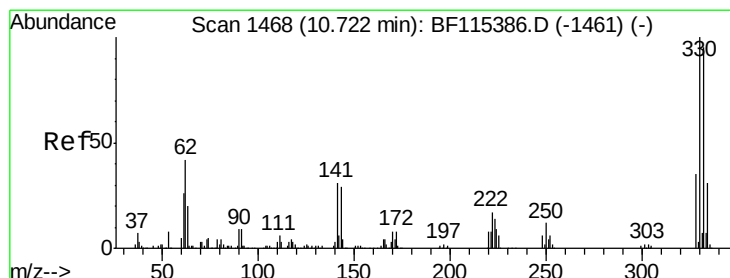
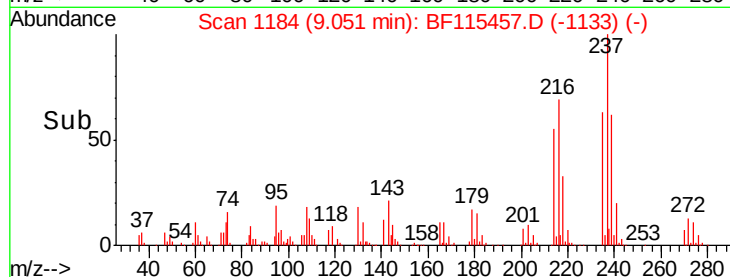
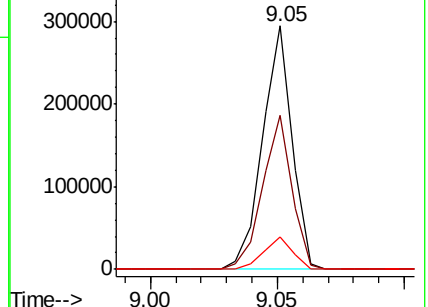
272 13.1 0.0 33.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 82.799 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

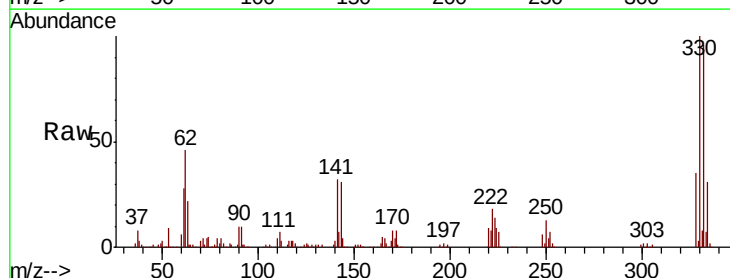
Tgt Ion:330 Resp: 336735

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

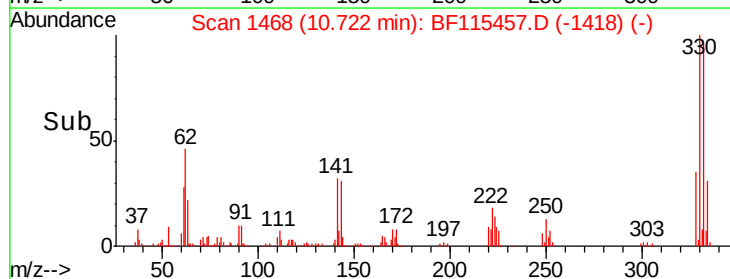
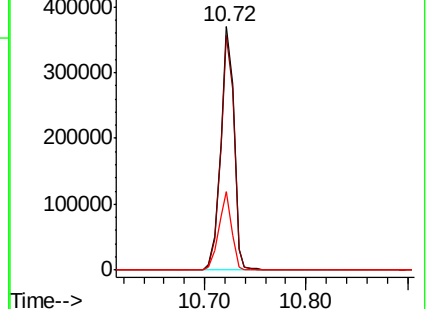
141 31.2 24.7 37.1

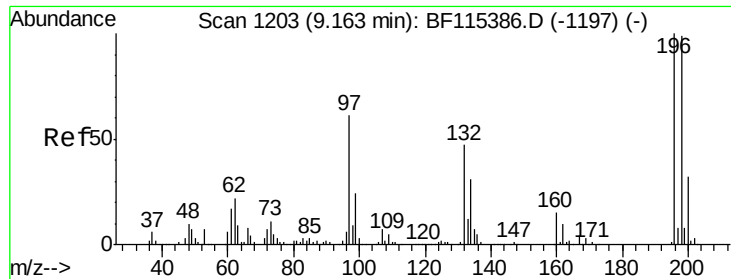


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

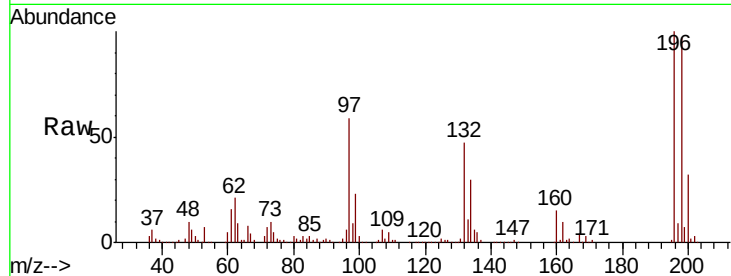




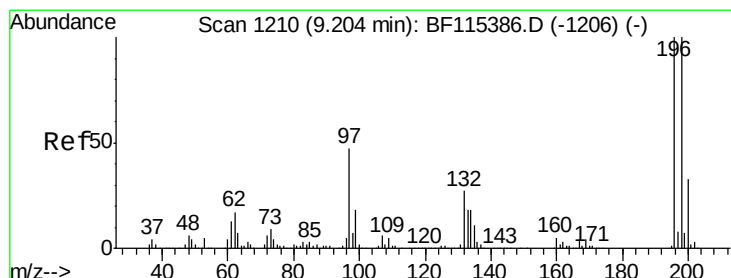
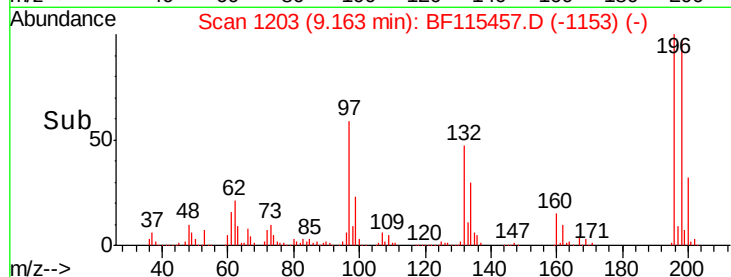
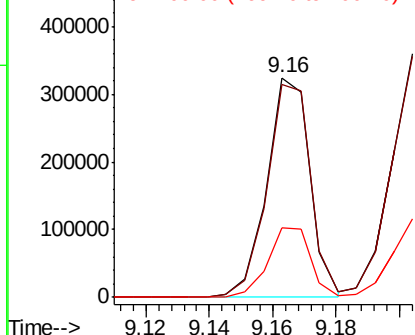
#43
 2,4,6-Trichlorophenol
 Concen: 39.679 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF115457.D
 Acq: 10 Jul 2019 16:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	78.2	117.4
200	31.6	25.0	37.6

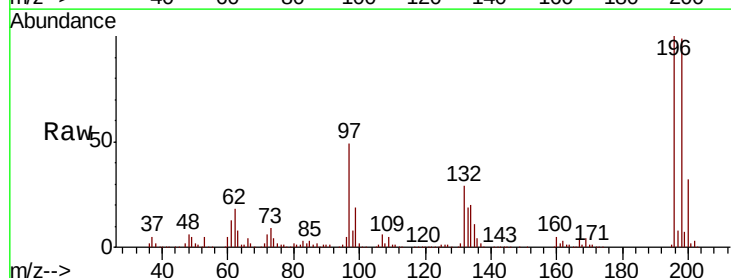


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

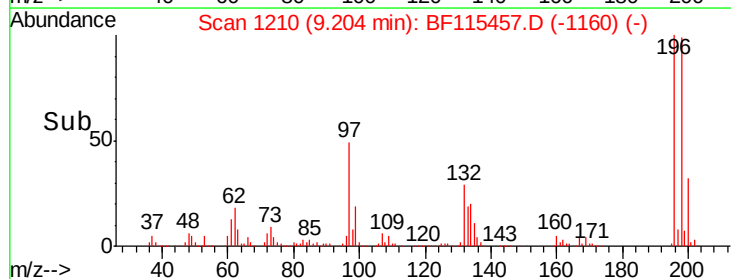
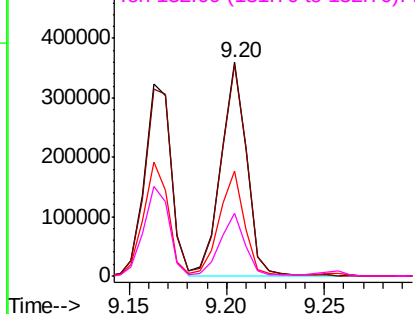


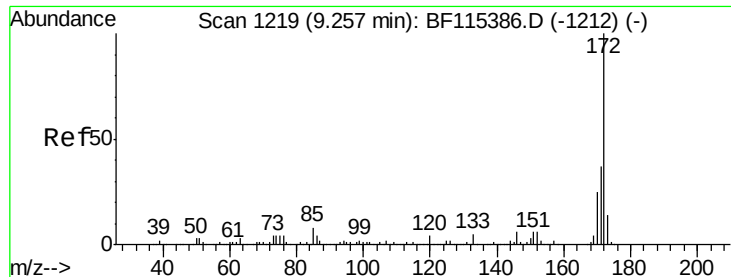
#44
 2,4,5-Trichlorophenol
 Concen: 40.714 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF115457.D
 Acq: 10 Jul 2019 16:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	80.6	120.8
97	49.0	34.0	51.0
132	29.2	21.4	32.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

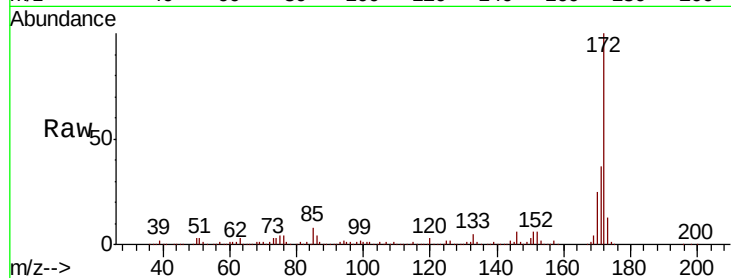




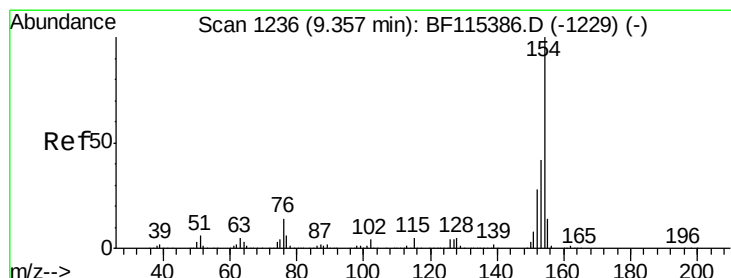
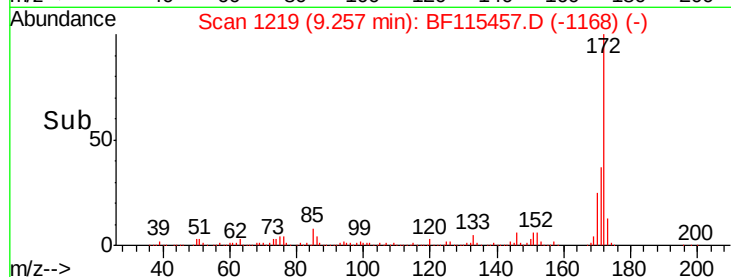
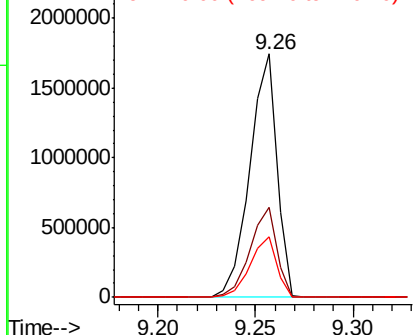
#45
2-Fluorobiphenyl
Concen: 80.222 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1681586
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.8
170 24.9 20.0 30.0

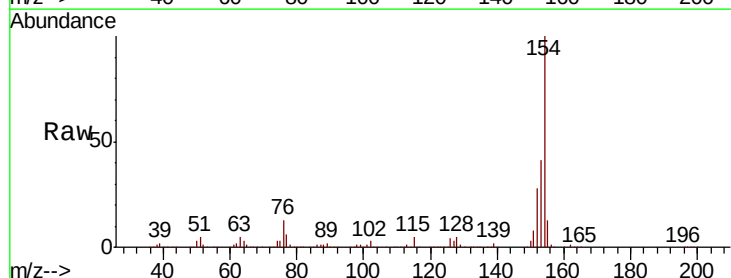


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

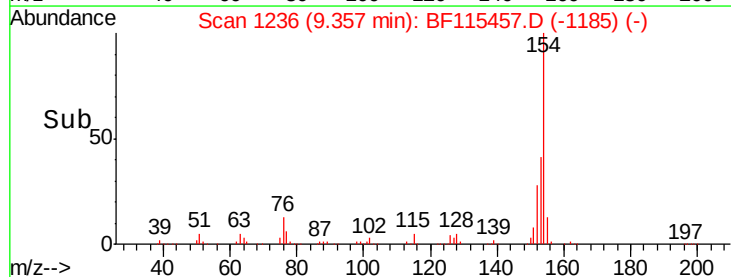
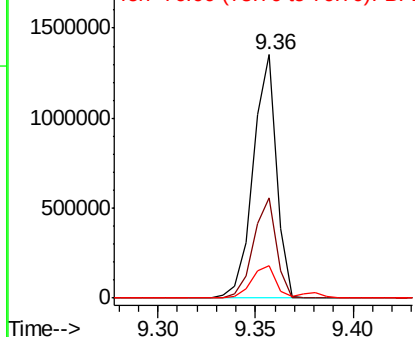


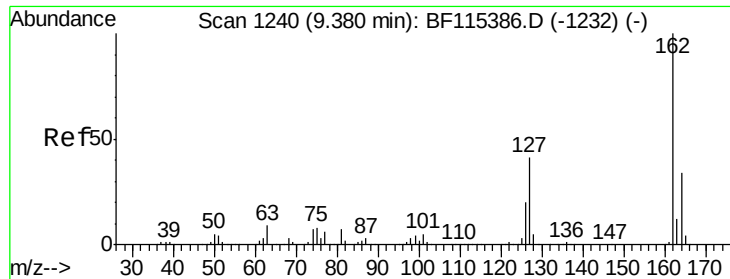
#46
1,1'-Biphenyl
Concen: 38.595 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion:154 Resp: 1116022
Ion Ratio Lower Upper
154 100
153 41.2 21.5 61.5
76 13.5 0.0 34.6



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

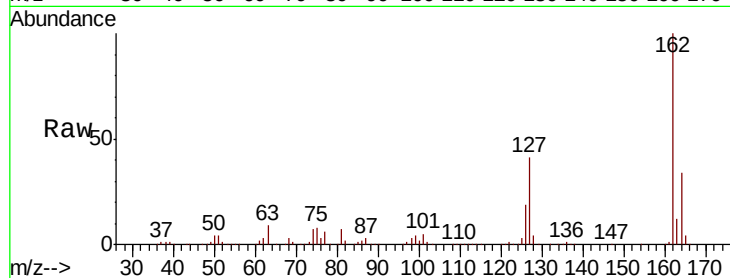




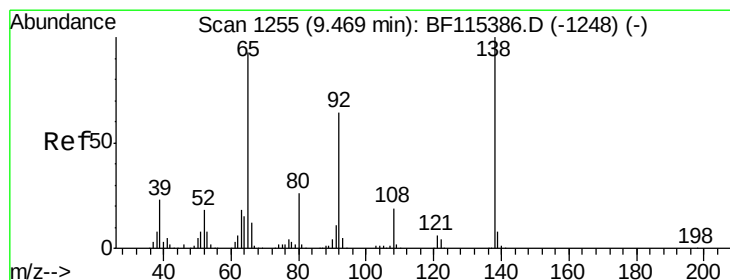
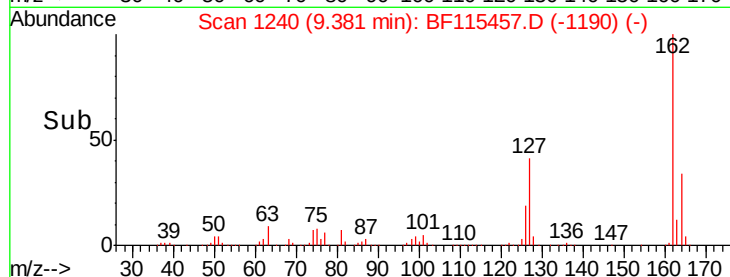
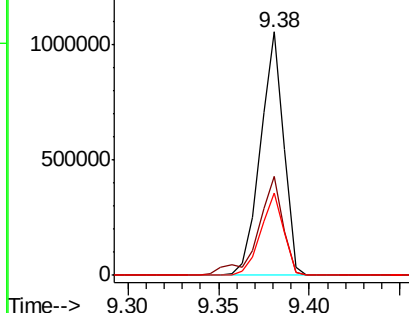
#47
 2-Chloronaphthalene
 Concen: 39.169 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF115457.D
 Acq: 10 Jul 2019 16:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	31.4	47.0
164	33.8	27.2	40.8

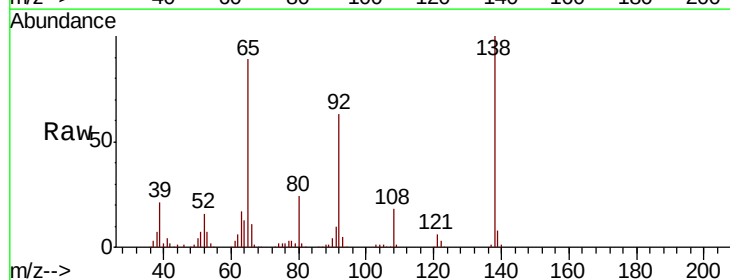


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

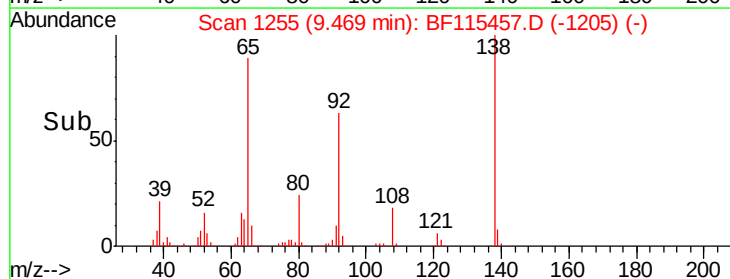
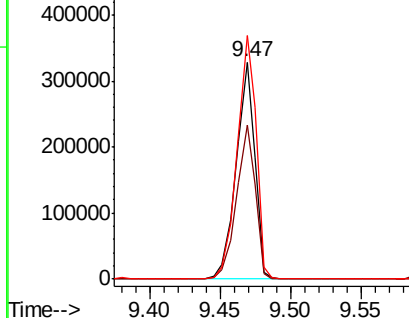


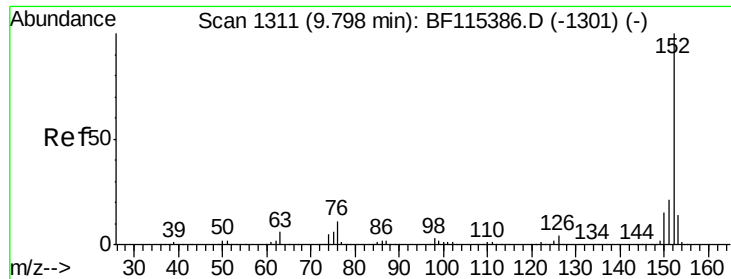
#48
 2-Nitroaniline
 Concen: 42.799 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF115457.D
 Acq: 10 Jul 2019 16:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	59.0	88.4
138	112.3	98.3	147.5



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





#49

Acenaphthylene

Concen: 39.292 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

Instrument :

BNA_F

ClientSampleId :

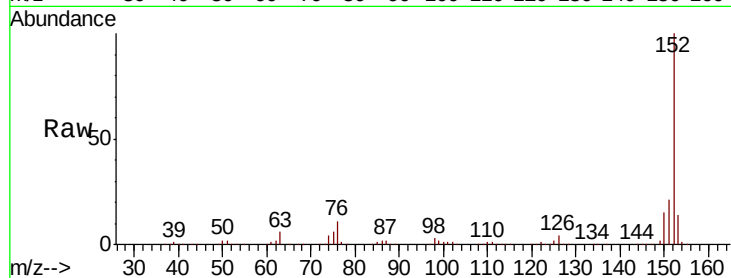
Tot Ion:152 Resp: 1421758

Ion Ratio Lower Upper

152 100

151 20.7 17.1 25.7

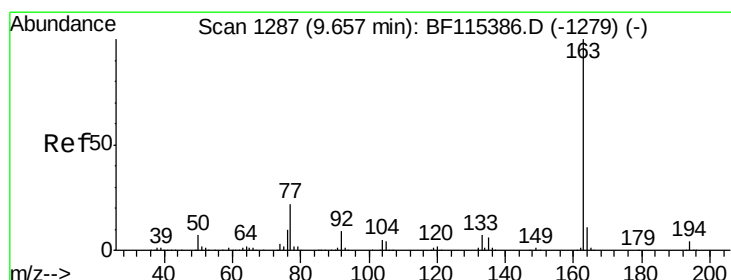
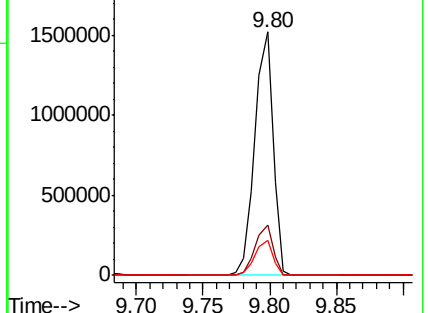
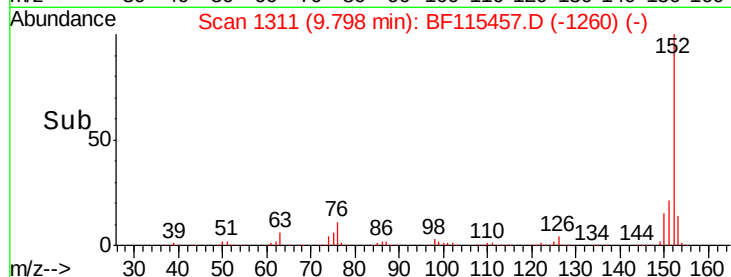
153 14.2 11.8 17.6



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: 38.911 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

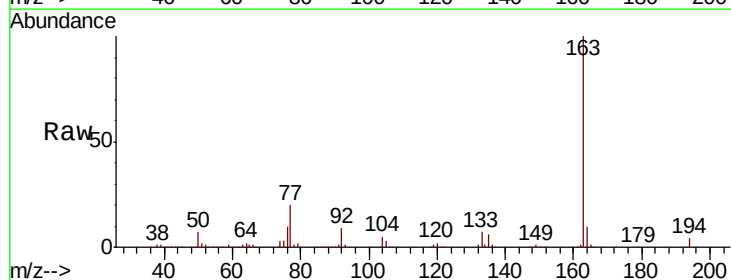
Tgt Ion:163 Resp: 1074254

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

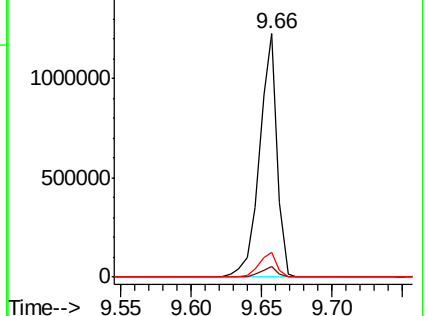
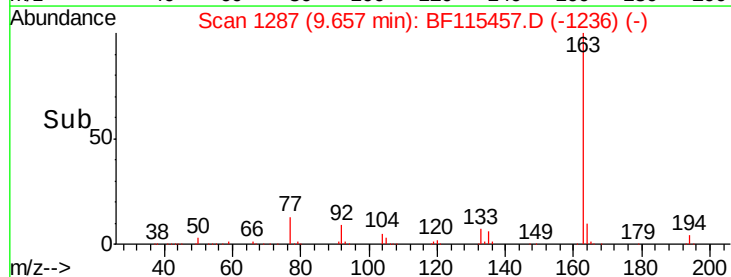
164 10.4 8.6 13.0

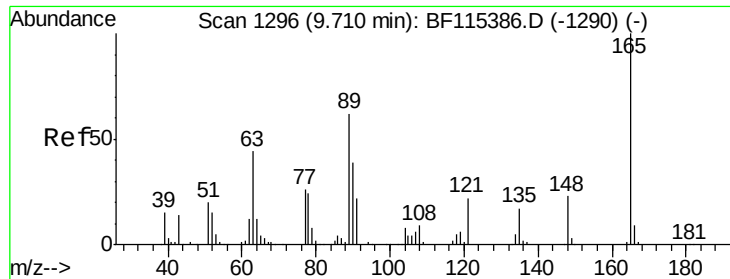


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.171 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

Instrument :

BNA_F

ClientSampled :

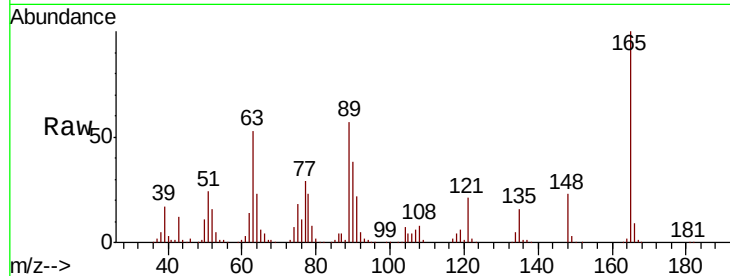
Tot Ion:165 Resp: 252498

Ion Ratio Lower Upper

165 100

63 53.3 39.7 59.5

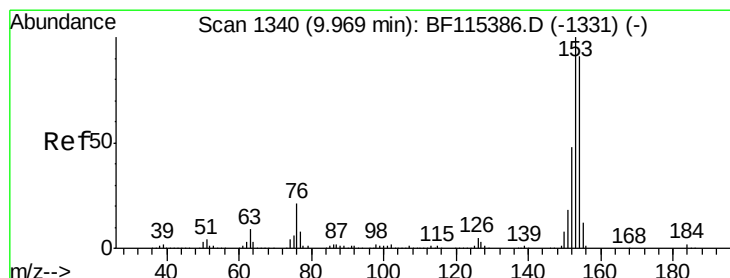
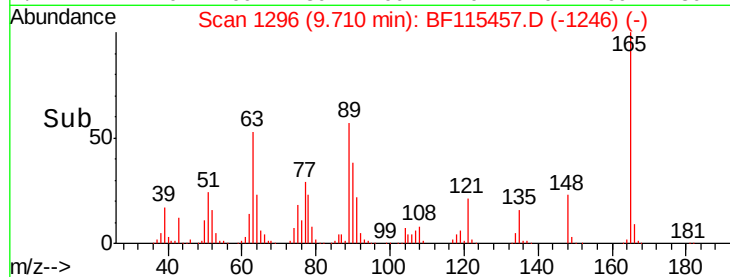
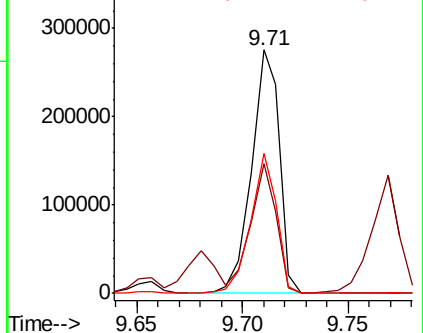
89 57.3 42.8 64.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.302 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

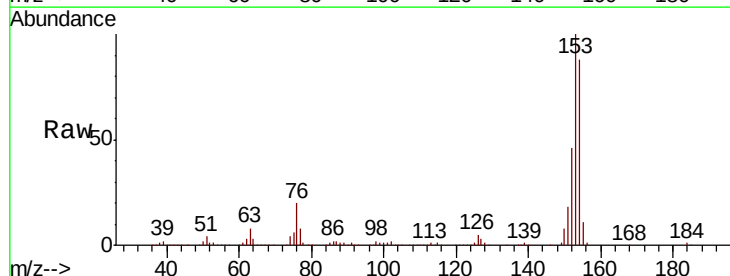
Tgt Ion:154 Resp: 895016

Ion Ratio Lower Upper

154 100

153 113.6 89.8 134.8

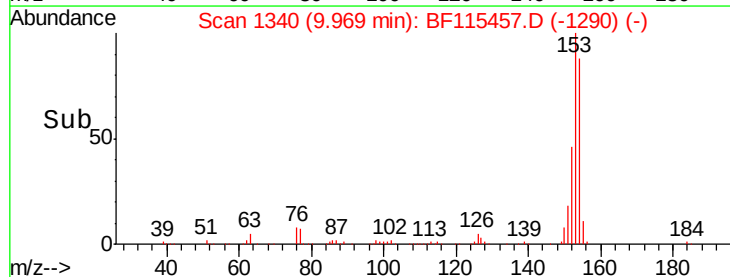
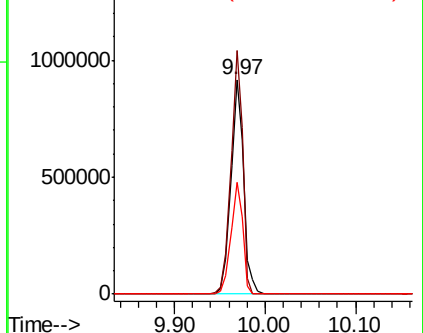
152 52.3 41.4 62.0

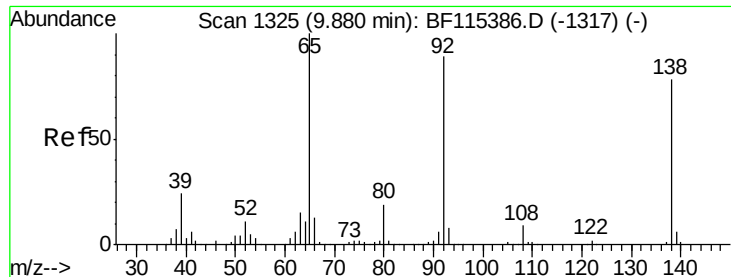


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

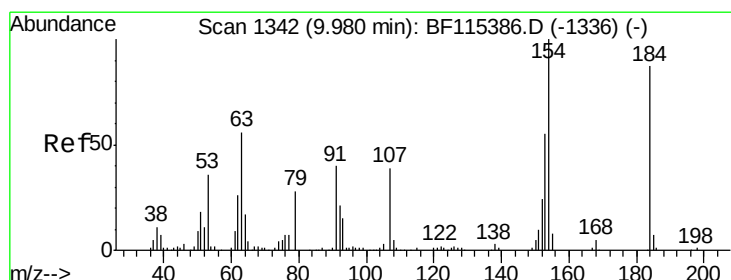
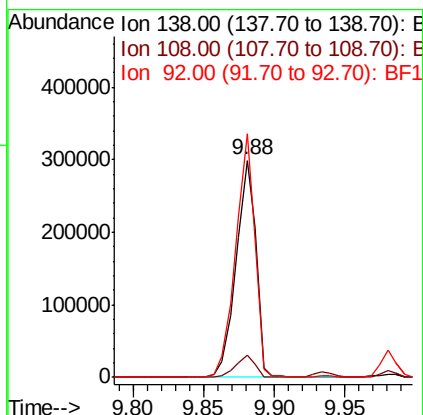
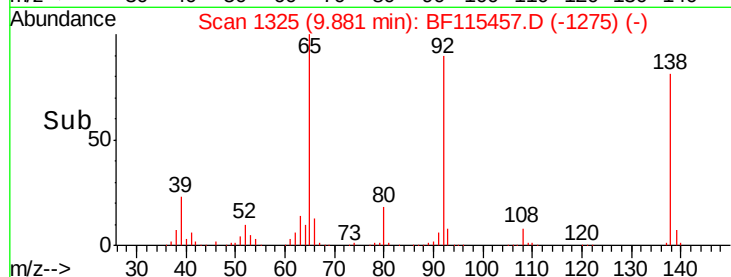
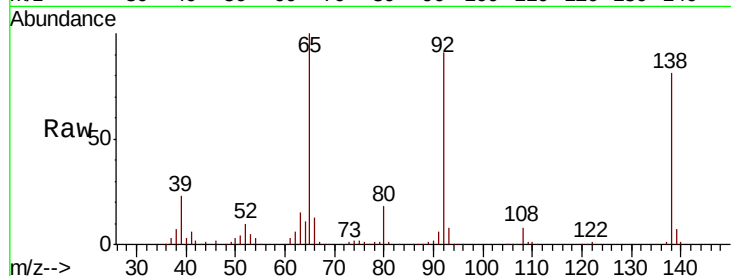




#53
3-Nitroaniline
Concen: 42.111 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

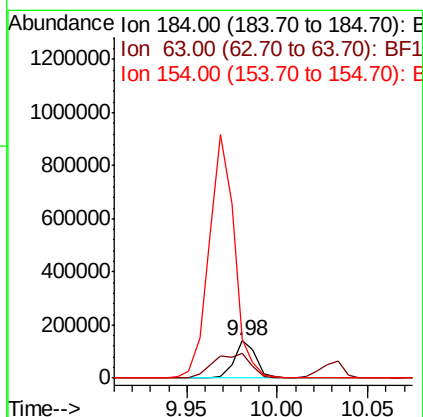
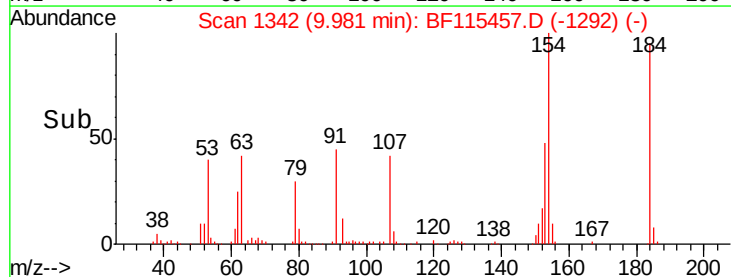
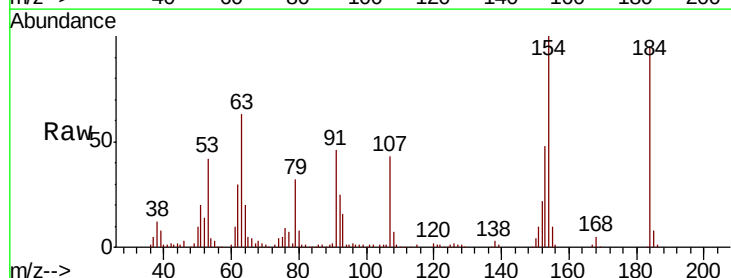
Instrument :
BNA_F
ClientSampleId :

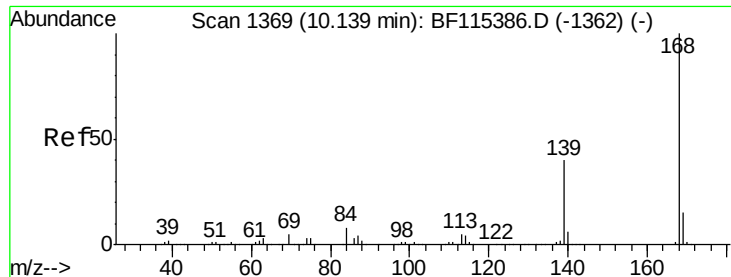
Tot Ion:138 Resp: 292849
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 112.0 86.1 129.1



#54
2,4-Dinitrophenol
Concen: 49.588 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion:184 Resp: 117298
Ion Ratio Lower Upper
184 100
63 66.2 45.8 68.6
154 104.7 52.8 79.2#

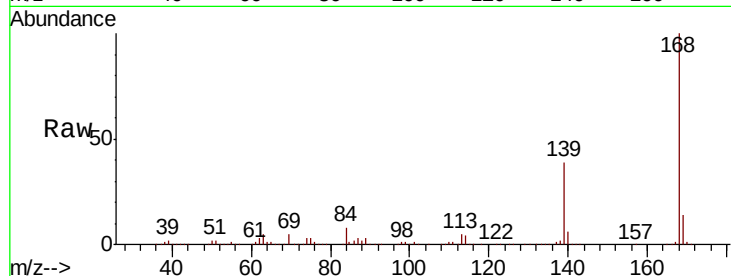




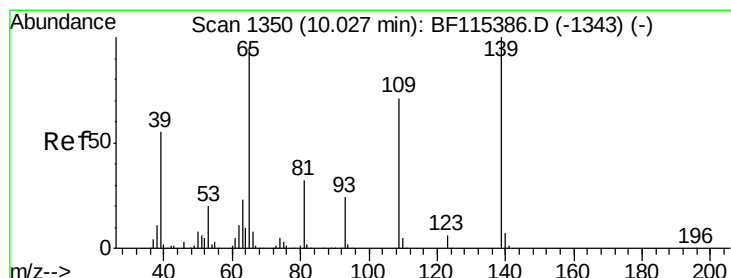
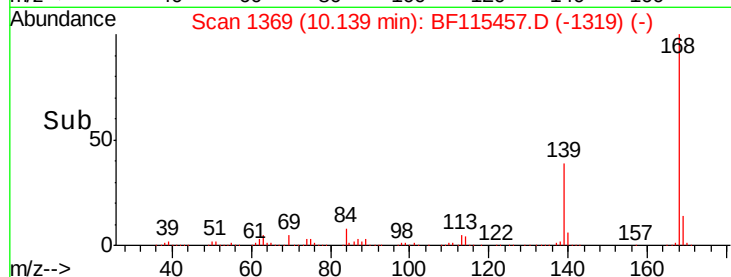
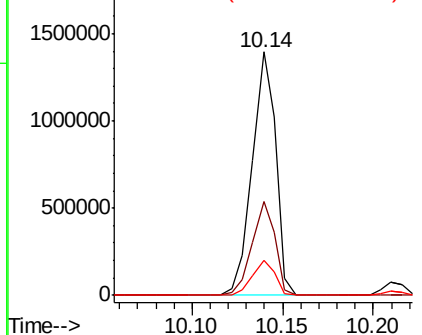
#55
Dibenzofuran
Concen: 39.189 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1257137
Ion Ratio Lower Upper
168 100
139 38.8 30.6 46.0
169 14.1 11.0 16.6

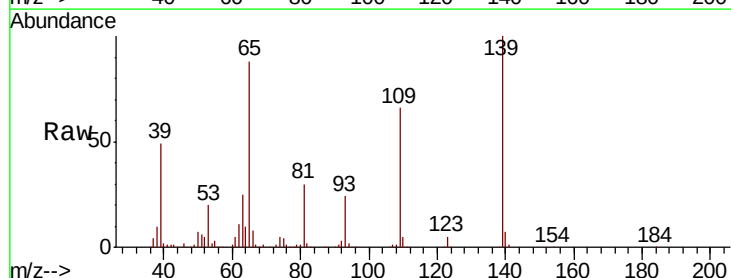


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

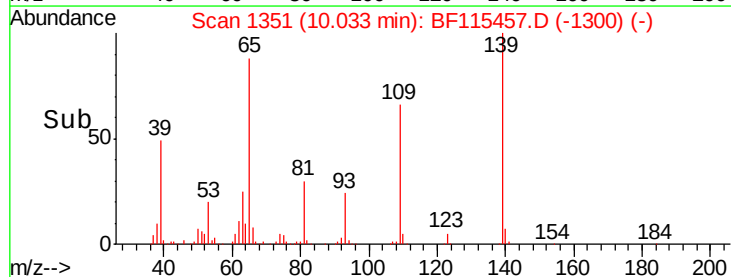
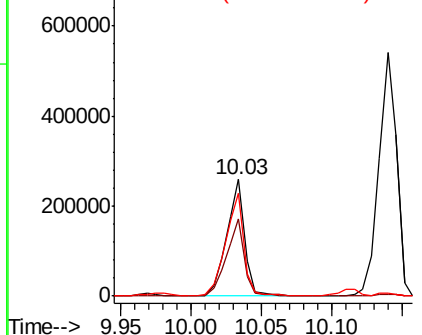


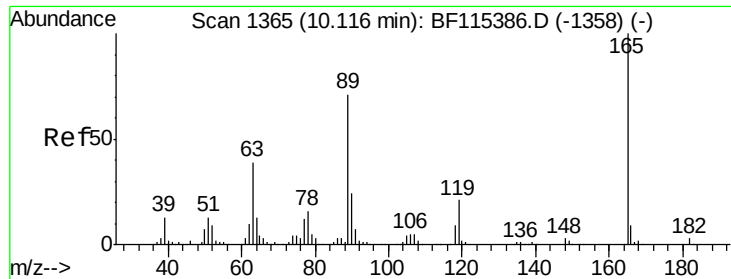
#56
4-Nitrophenol
Concen: 42.842 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion:139 Resp: 230502
Ion Ratio Lower Upper
139 100
109 65.7 46.4 86.4
65 88.0 73.4 113.4



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

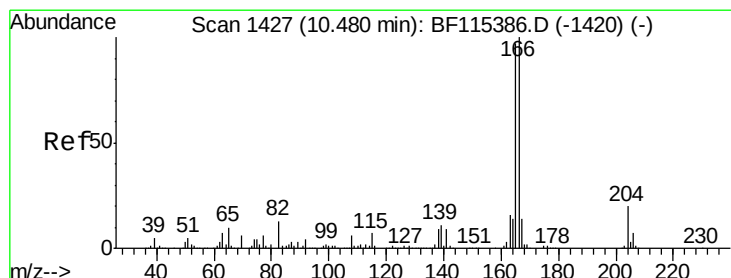
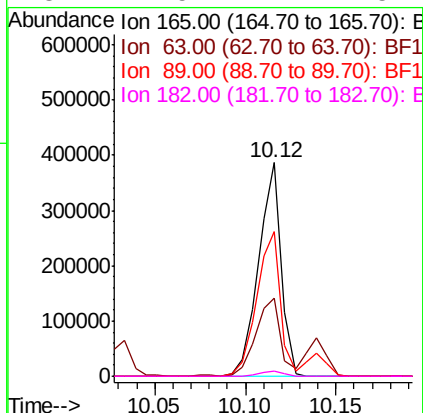
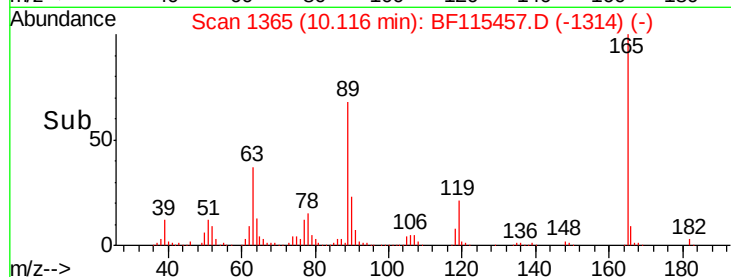
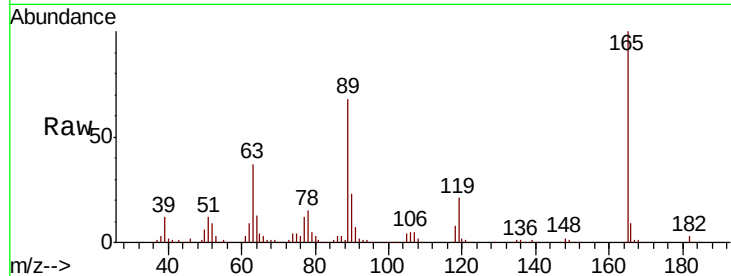




#57
2,4-Dinitrotoluene
Concen: 43.935 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

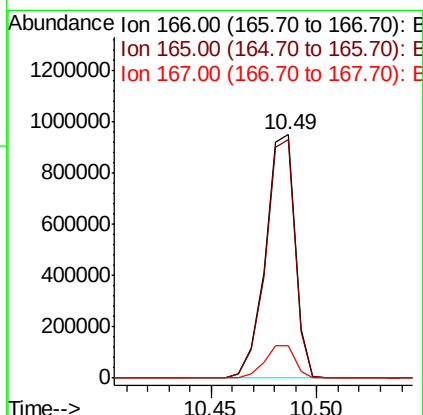
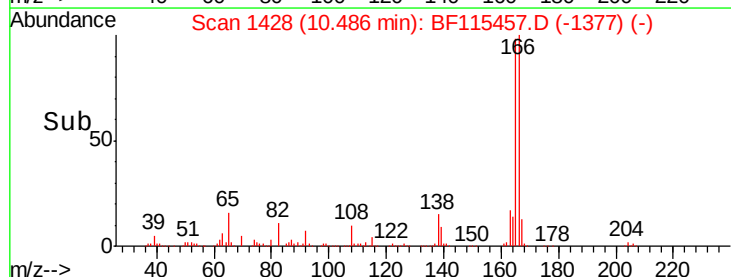
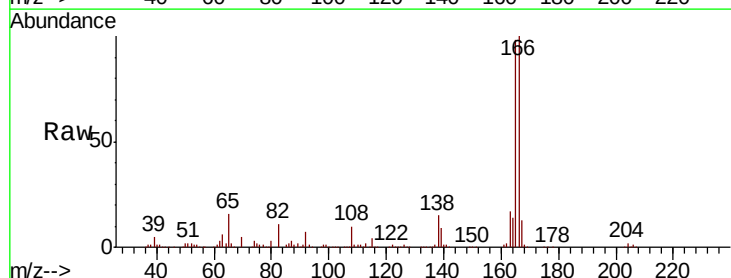
Instrument :
BNA_F
ClientSampled :

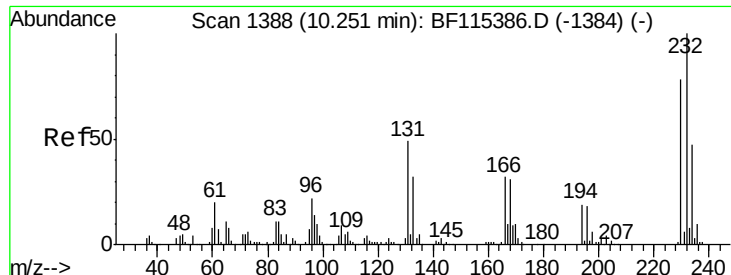
Tot Ion:165	Resp:	334312
Ion Ratio	Lower	Upper
165	100	
63	36.7	33.0 49.4
89	67.6	58.5 87.7
182	2.5	2.1 3.1



#58
Fluorene
Concen: 36.541 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion:166	Resp:	924040
Ion Ratio	Lower	Upper
166	100	
165	97.8	78.7 118.1
167	13.1	10.8 16.2

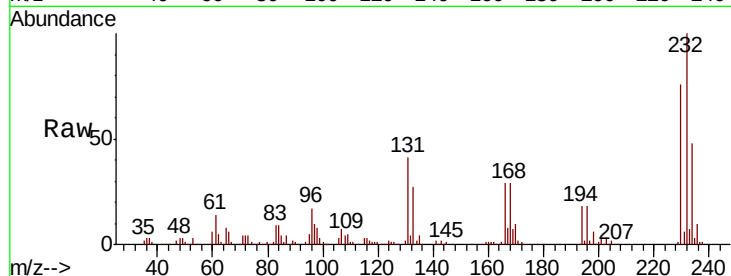




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.535 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF115457.D
 Acq: 10 Jul 2019 16:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.8	35.4	53.0
130	2.1	1.7	2.5
166	30.1	24.8	37.2



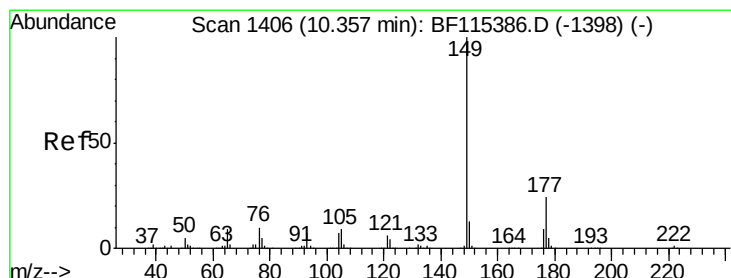
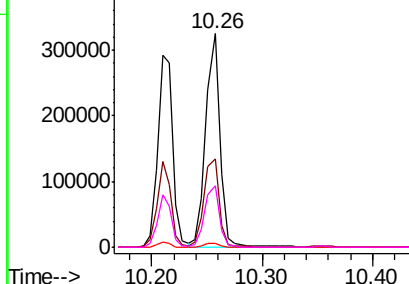
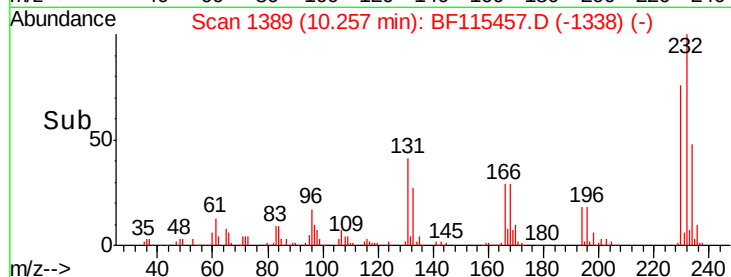
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

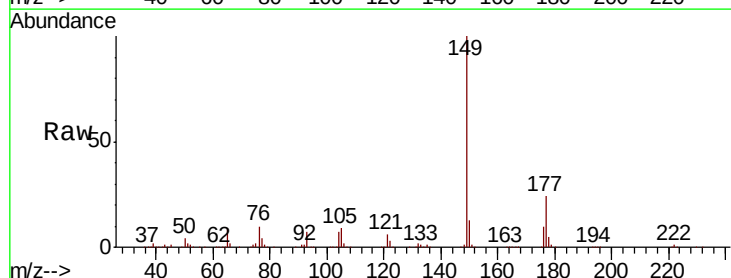
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.285 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF115457.D
 Acq: 10 Jul 2019 16:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.0	28.4
150	12.6	10.4	15.6

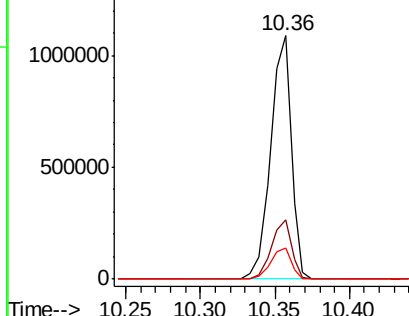
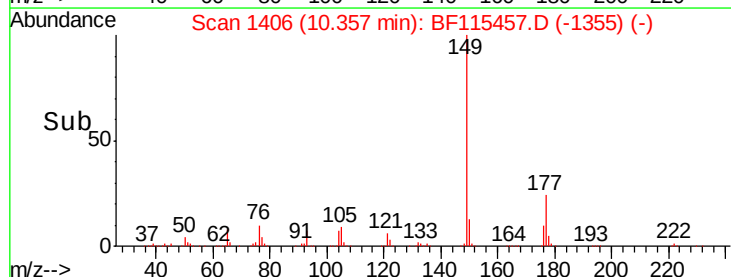


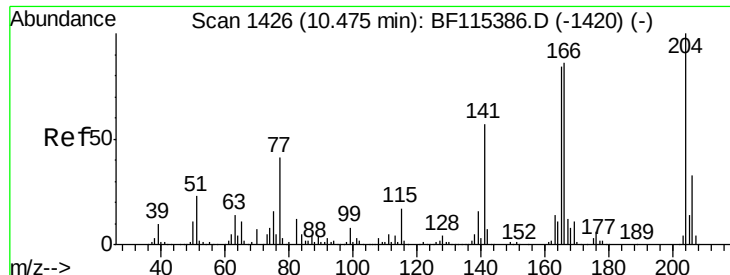
Abundance

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

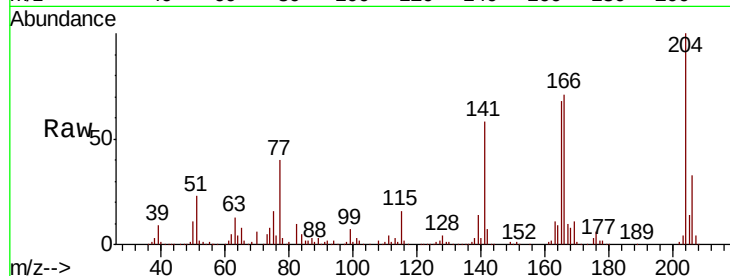




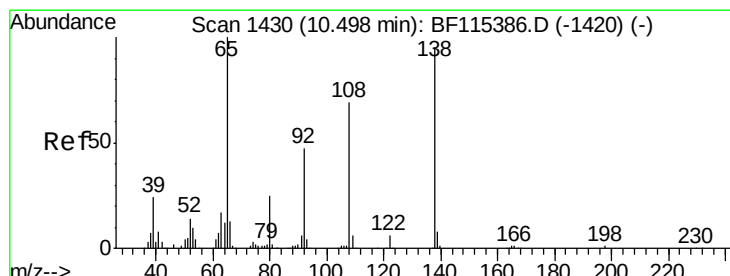
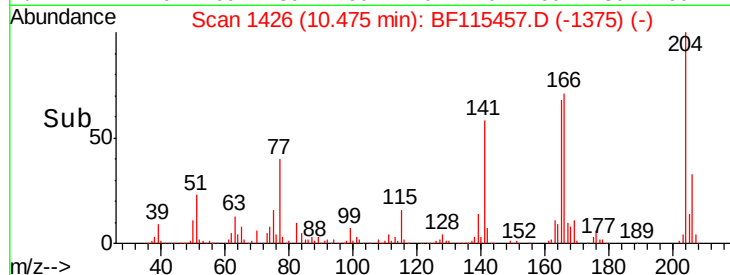
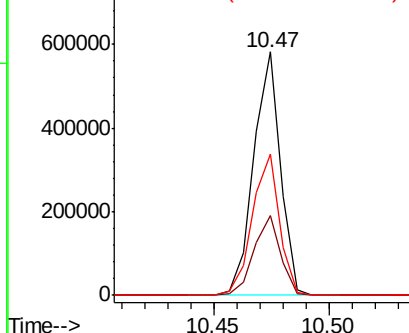
#61
4-Chlorophenyl-phenylether
Concen: 38.387 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.8	40.2
141	57.9	47.9	71.9

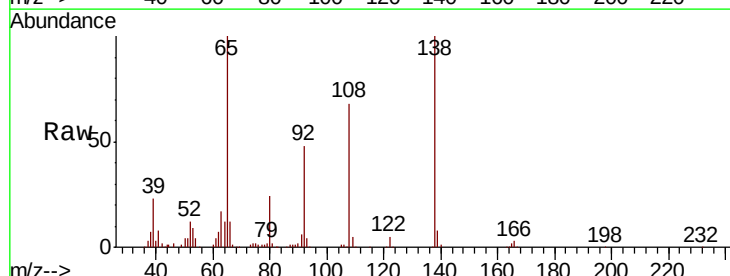


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

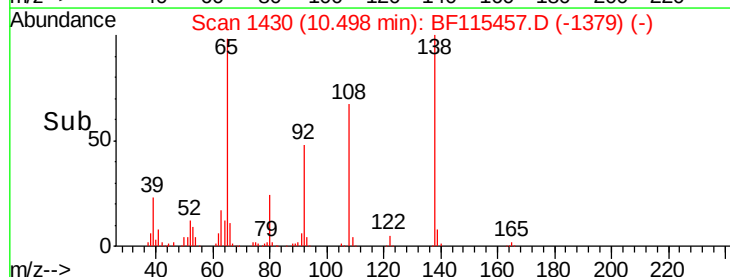
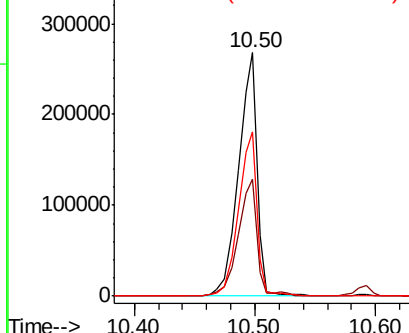


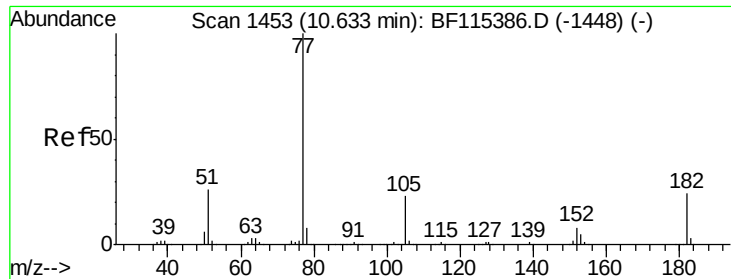
#62
4-Nitroaniline
Concen: 42.239 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	29.9	69.9
108	67.5	49.0	89.0



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





#63

Azobenzene

Concen: 36.775 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1030114

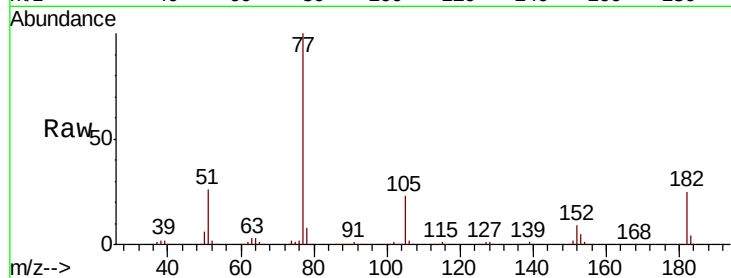
Ion Ratio Lower Upper

77 100

182 25.4 7.7 47.7

105 23.0 3.6 43.6

51 25.6 4.8 44.8

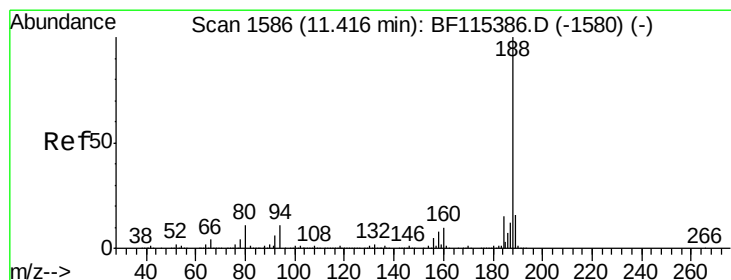
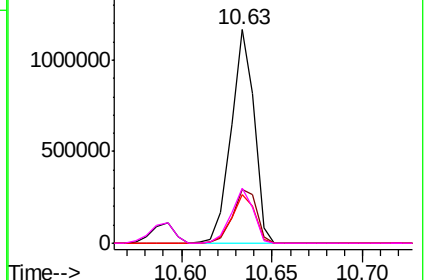
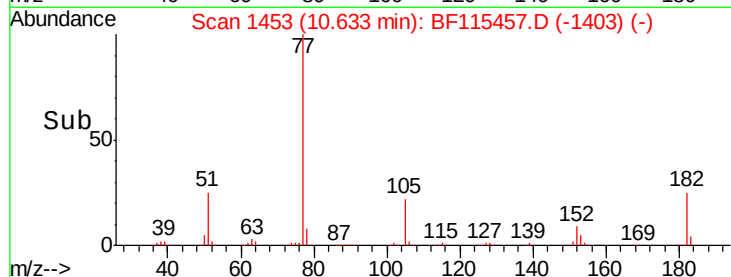


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

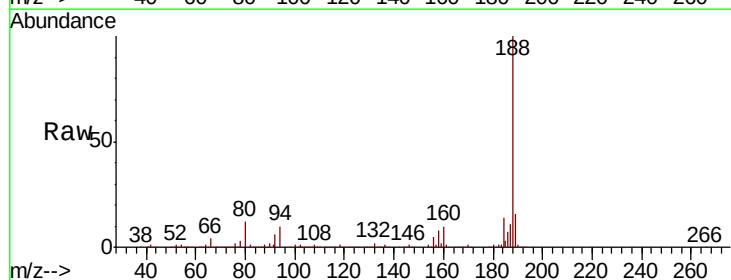
Tgt Ion: 188 Resp: 716357

Ion Ratio Lower Upper

188 100

94 10.5 7.8 11.8

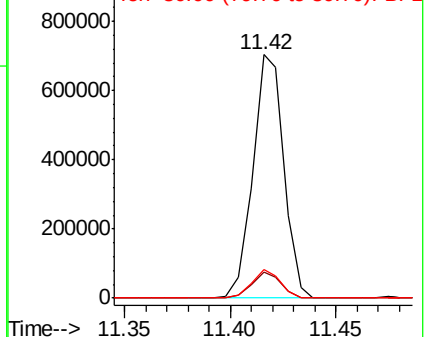
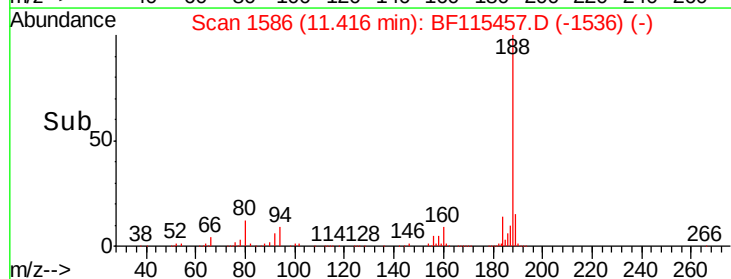
80 11.7 8.4 12.6

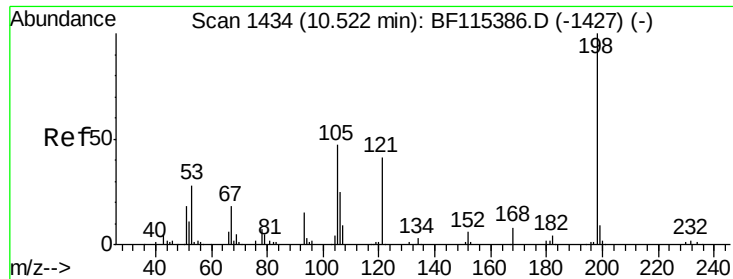


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

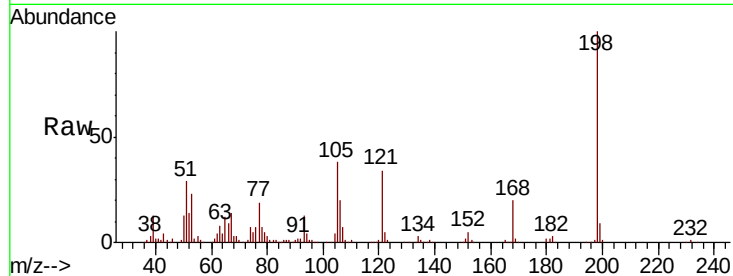




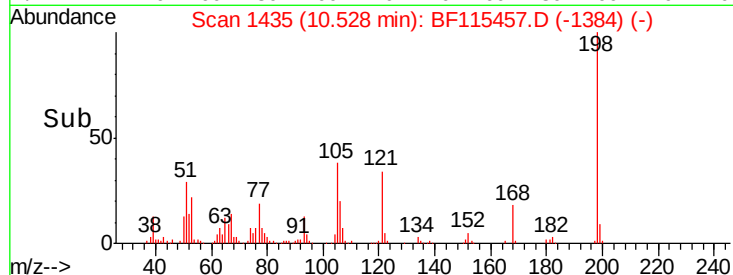
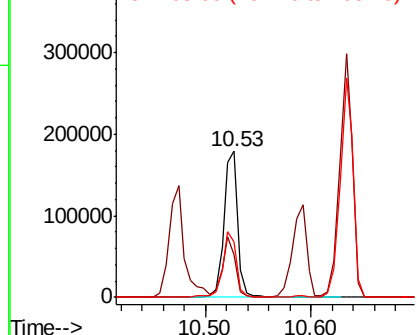
#65
4,6-Dinitro-2-methylphenol
Concen: 48.137 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 165199
Ion Ratio Lower Upper
198 100
51 29.3 20.7 60.7
105 37.6 25.3 65.3

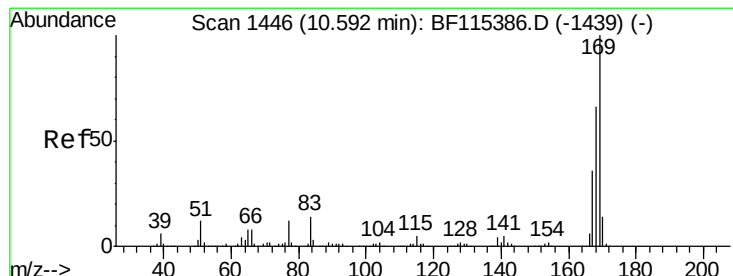


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

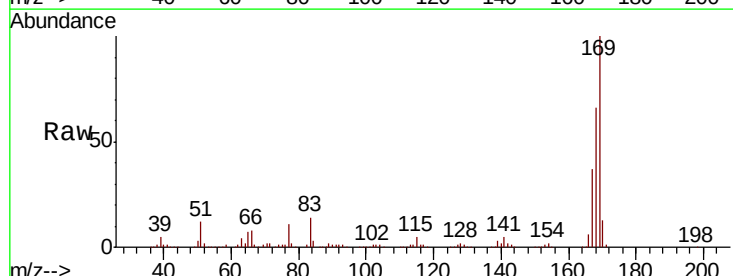
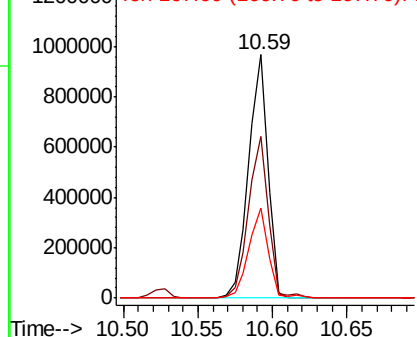


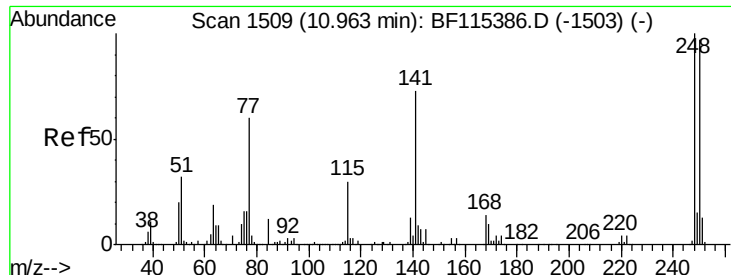
#66
n-Nitrosodiphenylamine
Concen: 38.588 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion:169 Resp: 870964
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 37.0 29.4 44.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

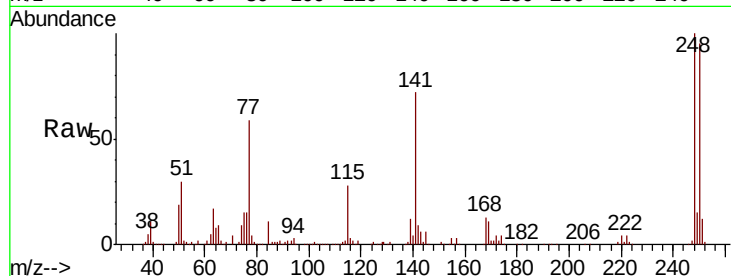




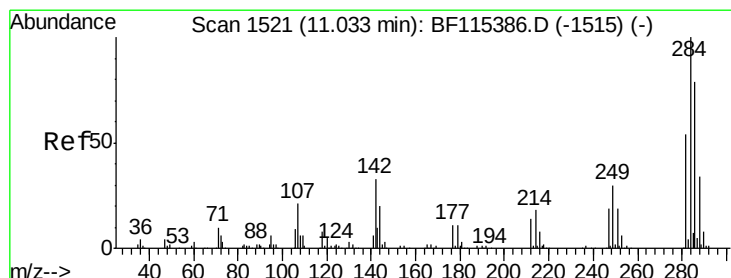
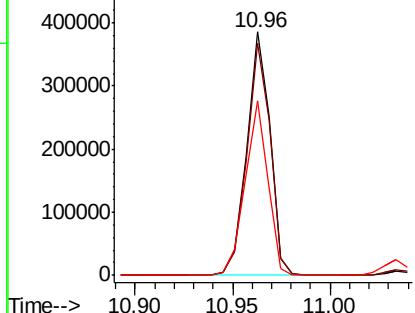
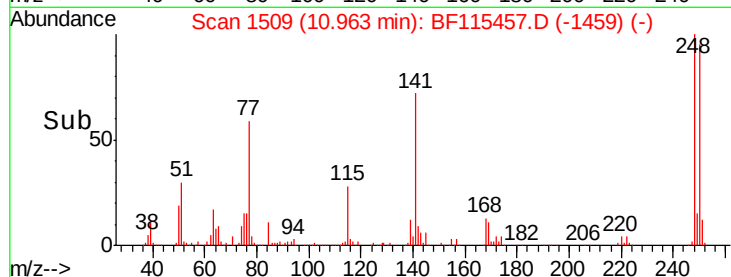
#67
 4-Bromophenyl-phenylether
 Concen: 39.579 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF115457.D
 Acq: 10 Jul 2019 16:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 318141
 Ion Ratio Lower Upper
 248 100
 250 95.2 78.3 117.5
 141 71.6 52.2 78.2

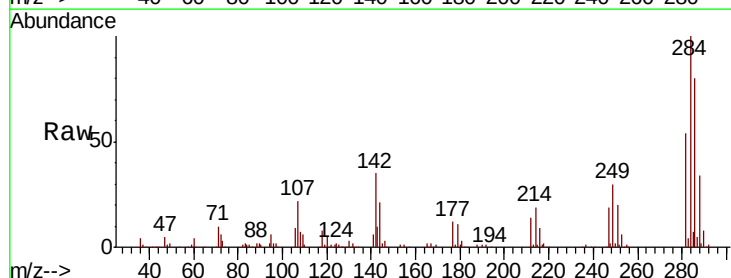


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

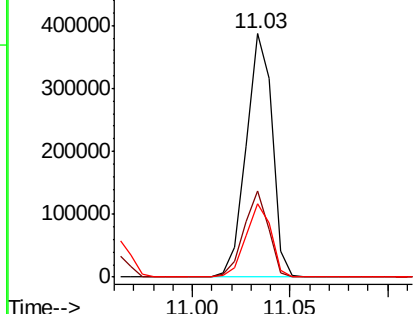
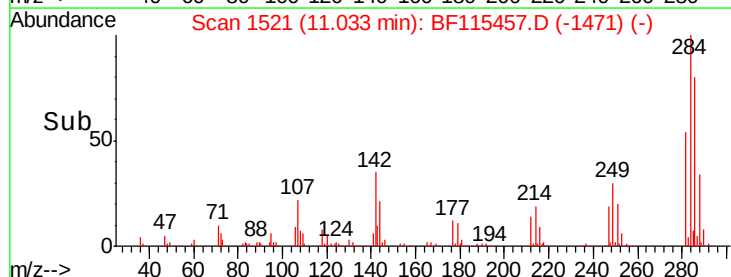


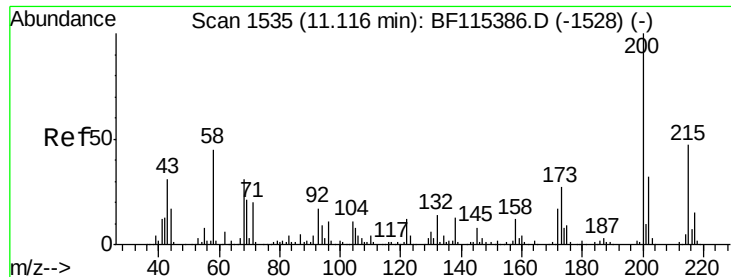
#68
 Hexachlorobenzene
 Concen: 39.486 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF115457.D
 Acq: 10 Jul 2019 16:06

Tgt Ion:284 Resp: 356148
 Ion Ratio Lower Upper
 284 100
 142 35.4 23.9 35.9
 249 30.3 23.6 35.4



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

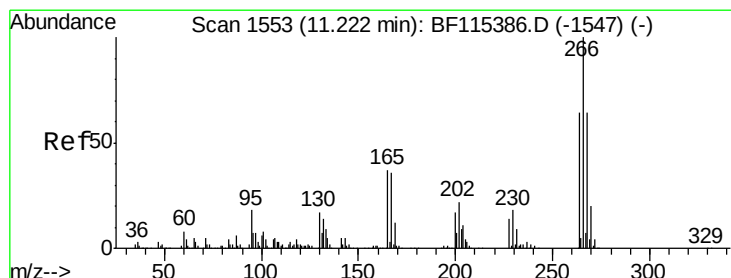
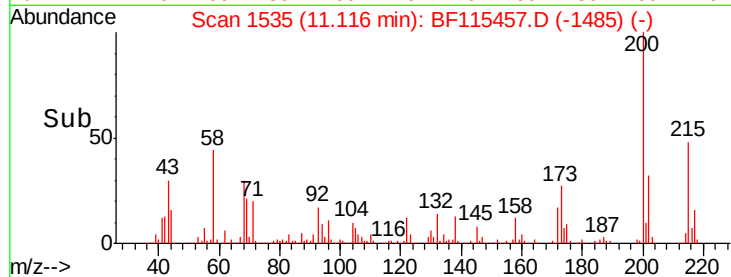
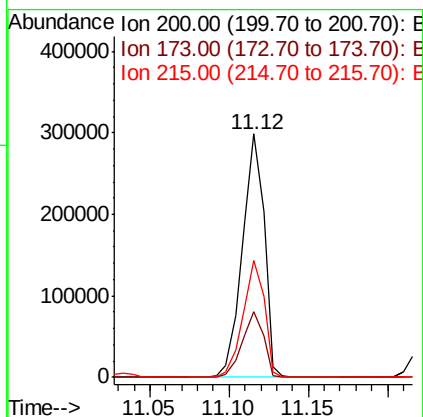
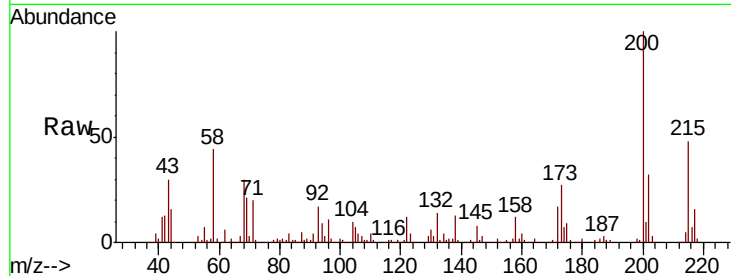




#69
Atrazine
Concen: 40.635 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

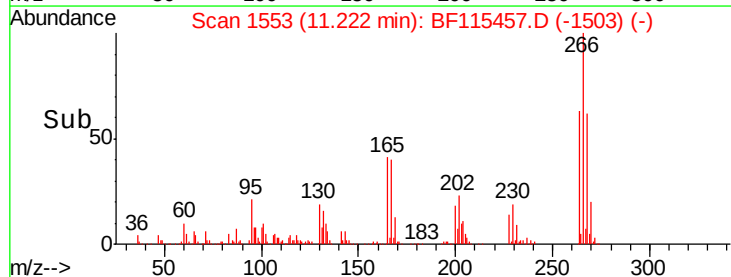
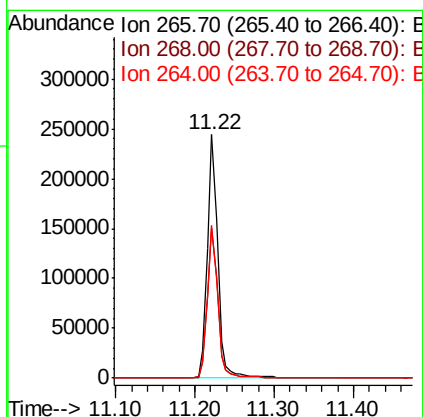
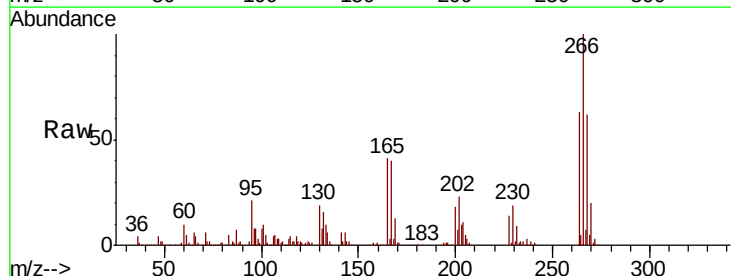
Instrument :
BNA_F
ClientSampleId :

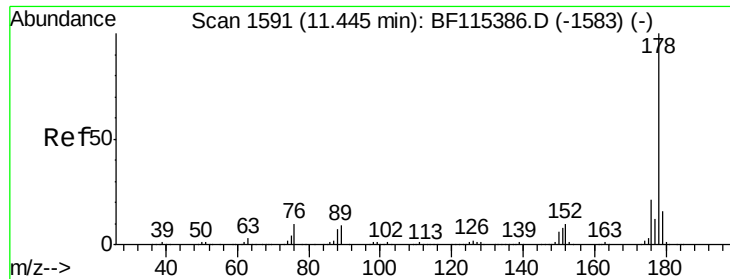
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.0	47.0
215	48.1	27.8	67.8



#70
Pentachlorophenol
Concen: 41.635 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	51.2	76.8
264	62.5	50.6	75.8

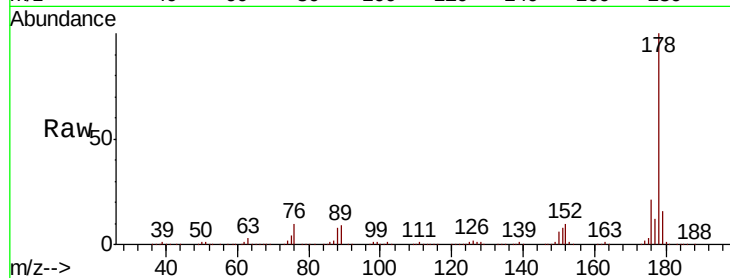




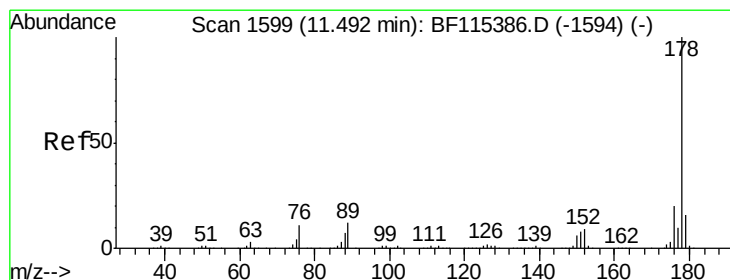
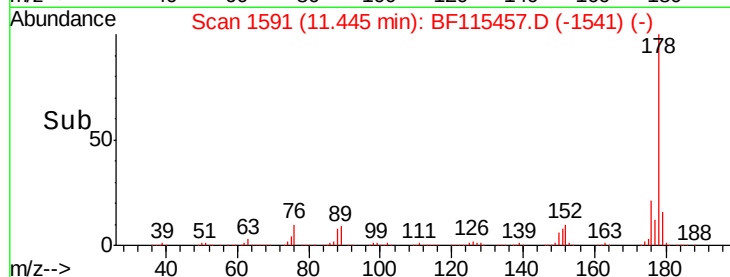
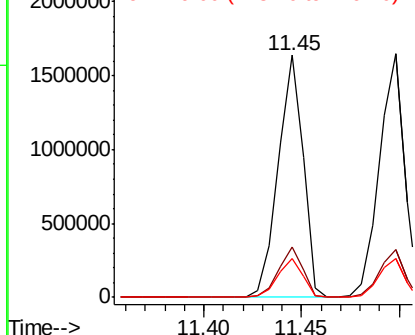
#71
Phenanthrene
Concen: 38.558 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1452674
Ion Ratio Lower Upper
178 100
176 20.5 16.6 24.8
179 16.2 12.7 19.1

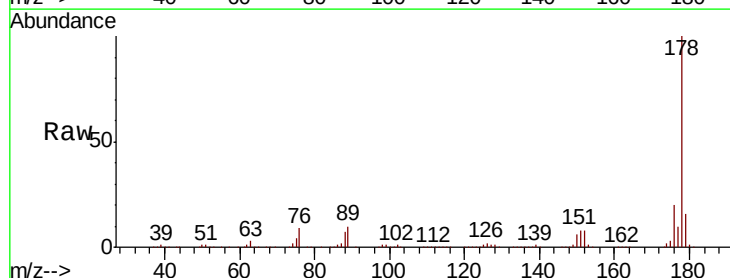


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

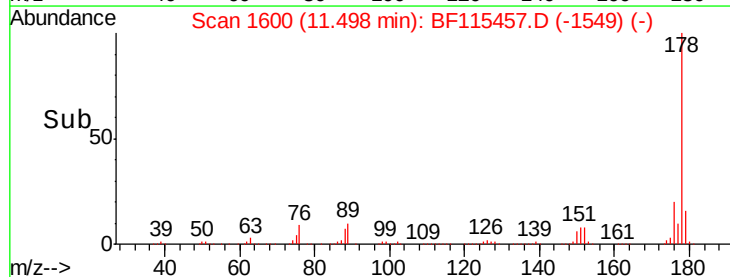
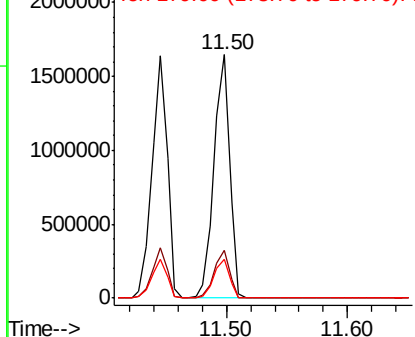


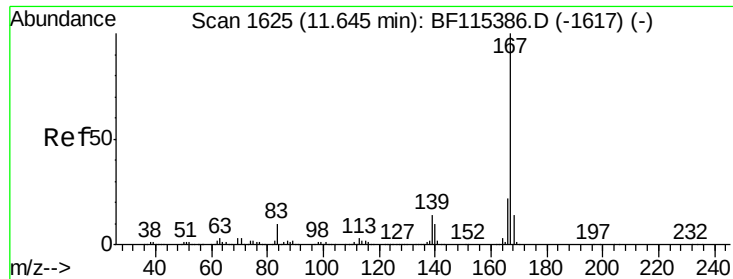
#72
Anthracene
Concen: 38.900 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion:178 Resp: 1469616
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 16.1 13.0 19.6



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

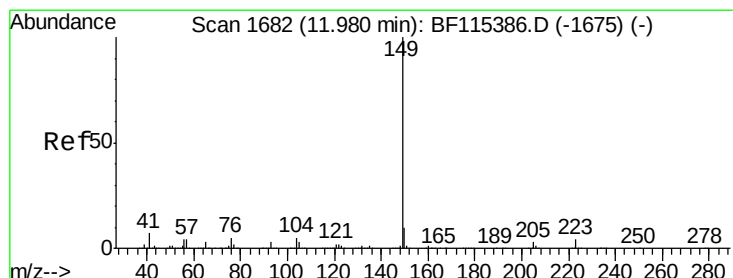
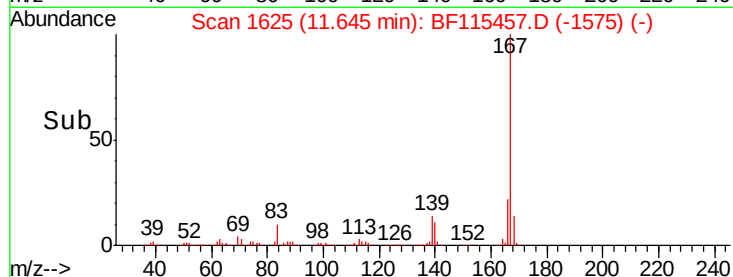
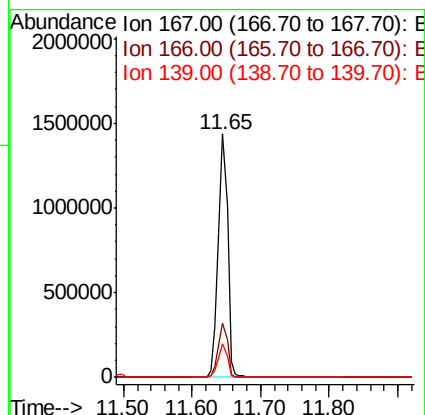
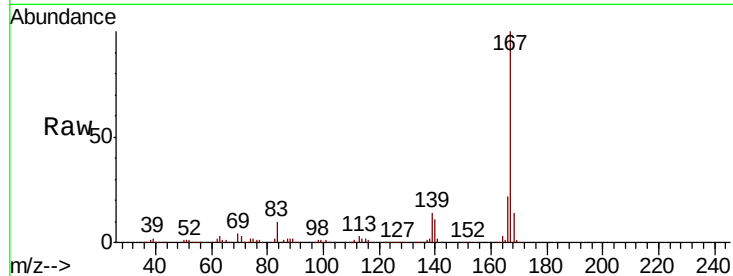




#73
 Carbazole
 Concen: 38.914 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF115457.D
 Acq: 10 Jul 2019 16:06

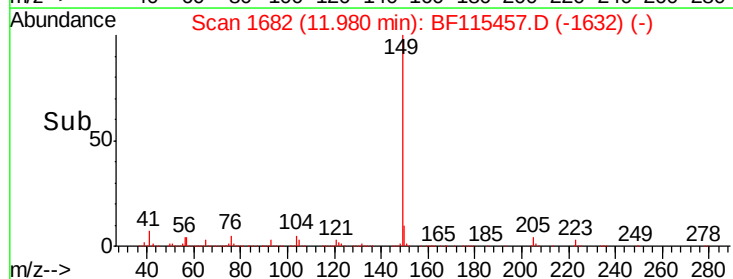
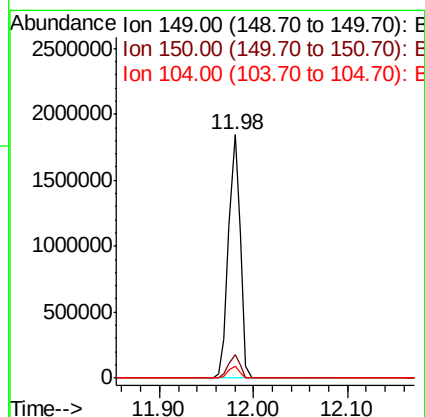
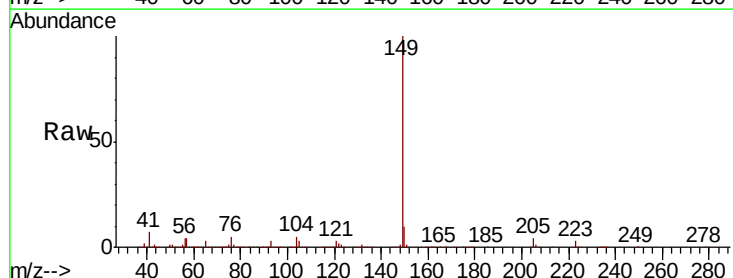
Instrument :
 BNA_F
 ClientSampleId :

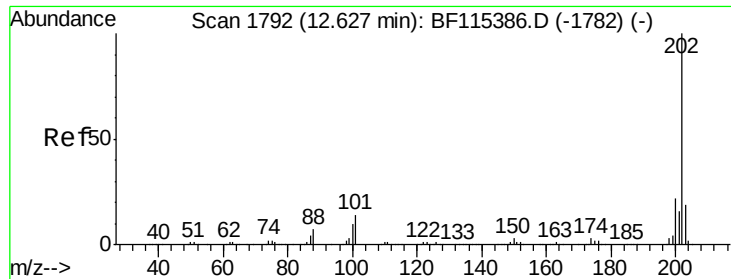
Tot Ion:167 Resp: 1344946
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 14.0 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 38.313 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BF115457.D
 Acq: 10 Jul 2019 16:06

Tgt Ion:149 Resp: 1600360
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.6 11.4
 104 5.2 3.9 5.9

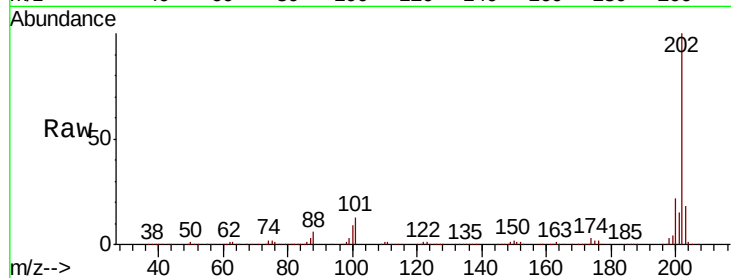




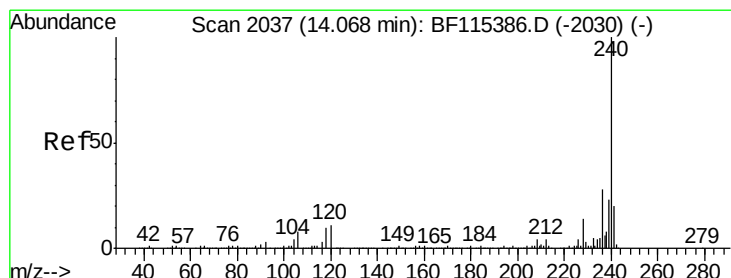
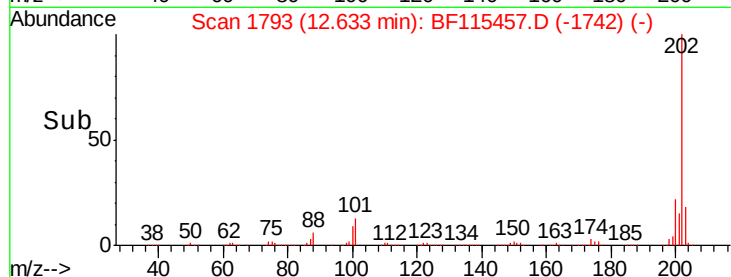
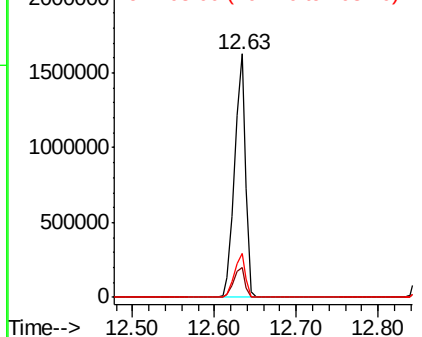
#75
Fluoranthene
Concen: 38.514 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1527804
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.9
203 17.8 0.0 38.4

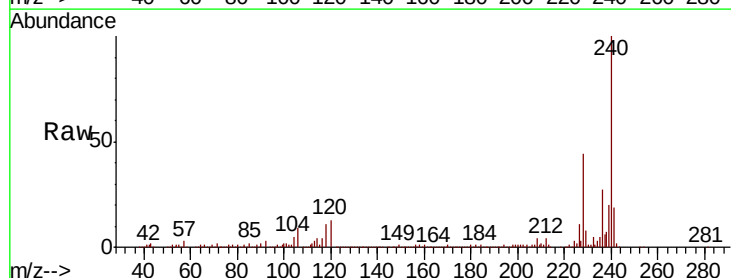


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

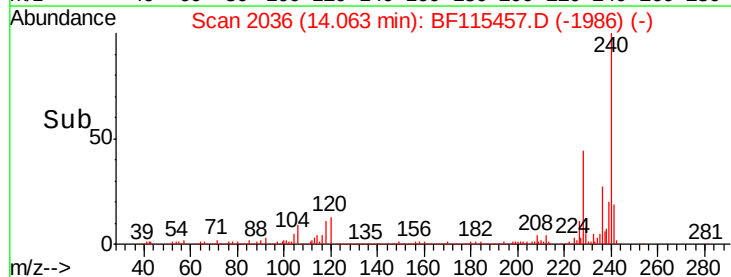
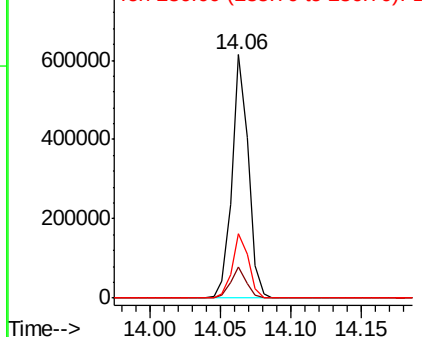


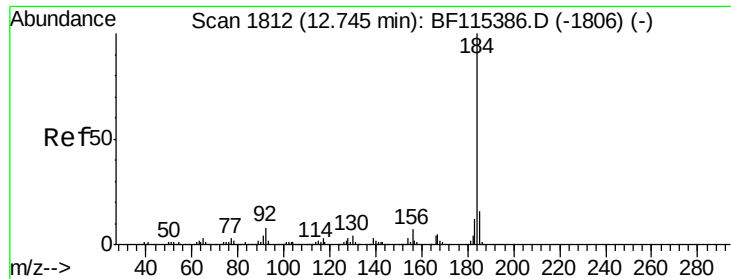
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion:240 Resp: 494062
Ion Ratio Lower Upper
240 100
120 12.6 10.2 15.4
236 26.5 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.431 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

Instrument :

BNA_F

ClientSampled :

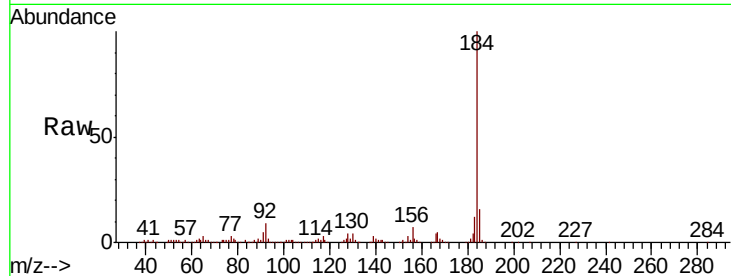
Tot Ion:184 Resp: 682627

Ion Ratio Lower Upper

184 100

185 15.8 13.0 19.6

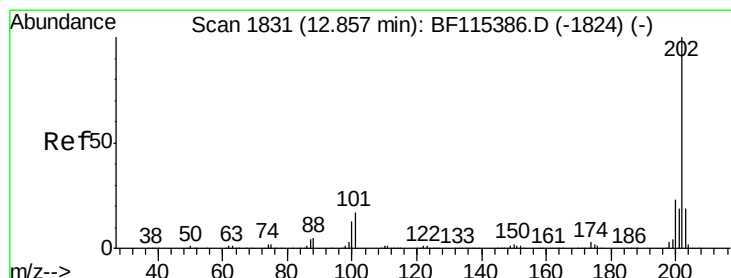
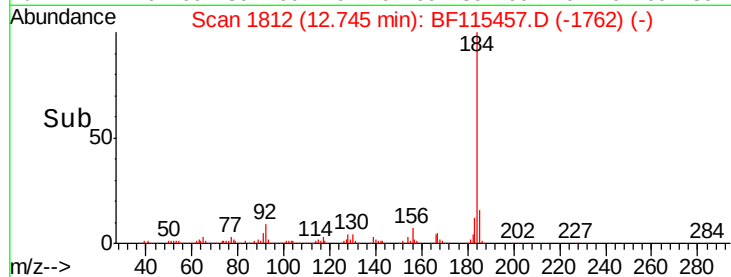
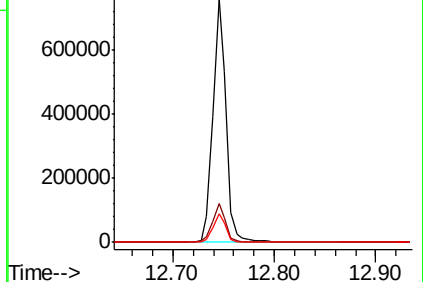
183 11.5 9.7 14.5



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: 40.209 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

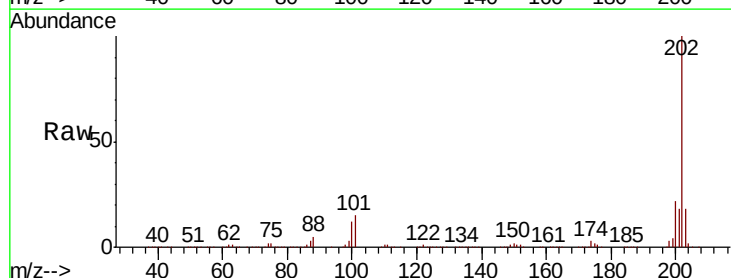
Tgt Ion:202 Resp: 1544858

Ion Ratio Lower Upper

202 100

200 22.4 17.6 26.4

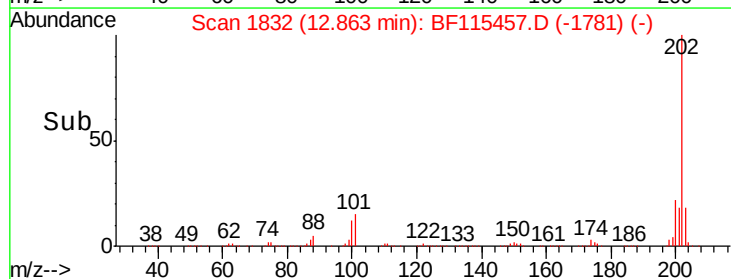
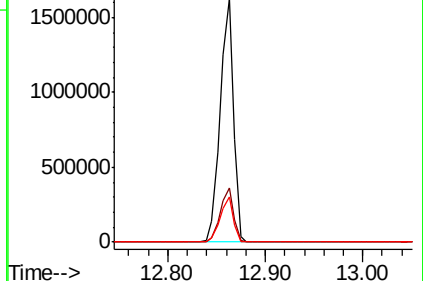
203 18.5 14.7 22.1

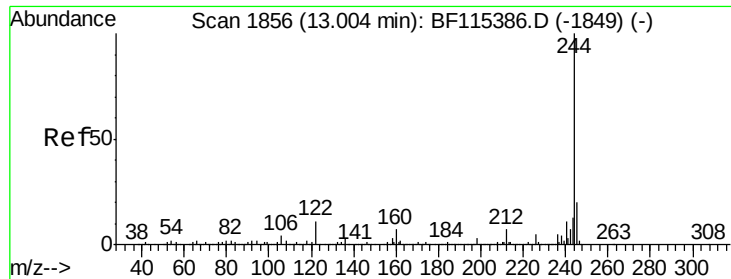


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



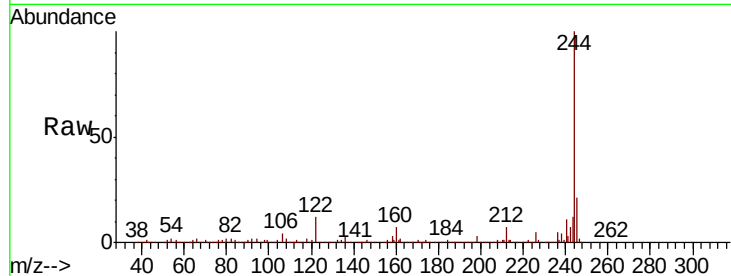


#79
 Terphenyl-d14
 Concen: 80.864 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF115457.D
 Acq: 10 Jul 2019 16:06

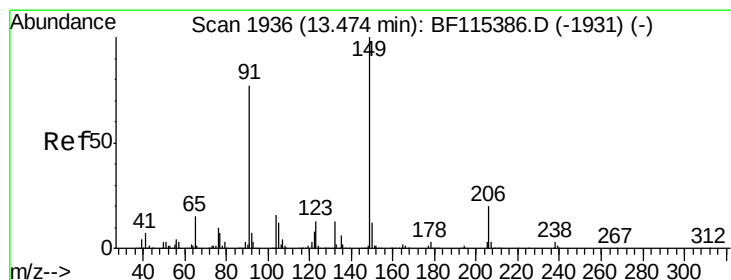
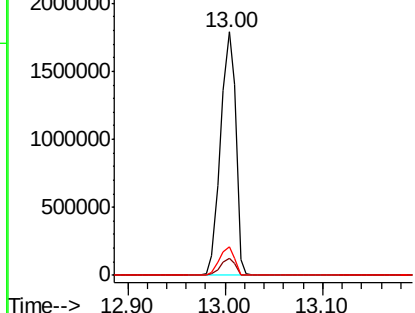
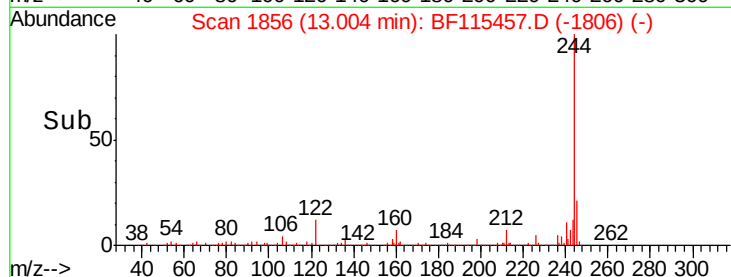
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1951246

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.8	9.1	13.7



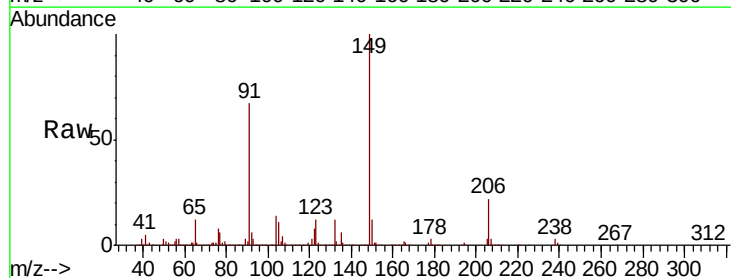
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



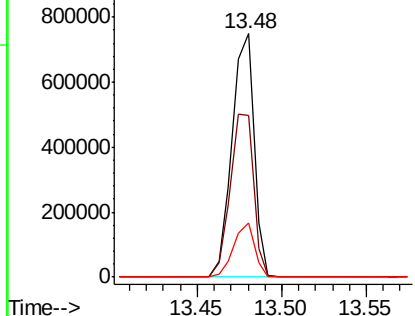
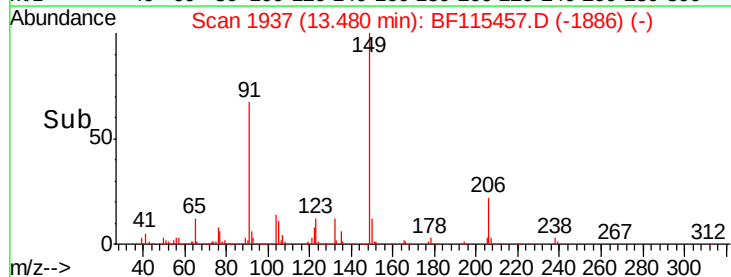
#80
 Butylbenzylphthalate
 Concen: 40.474 ng
 RT: 13.48 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: BF115457.D
 Acq: 10 Jul 2019 16:06

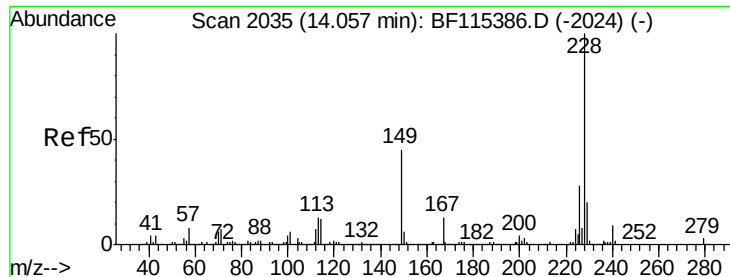
Tgt Ion:149 Resp: 679432

Ion	Ratio	Lower	Upper
149	100		
91	66.6	57.8	86.6
206	22.3	16.9	25.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

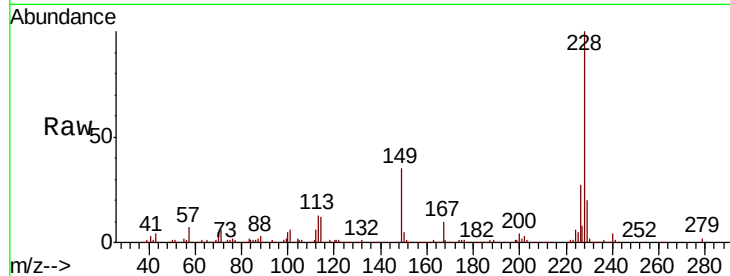




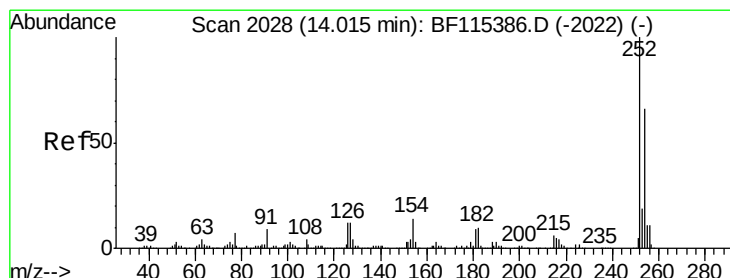
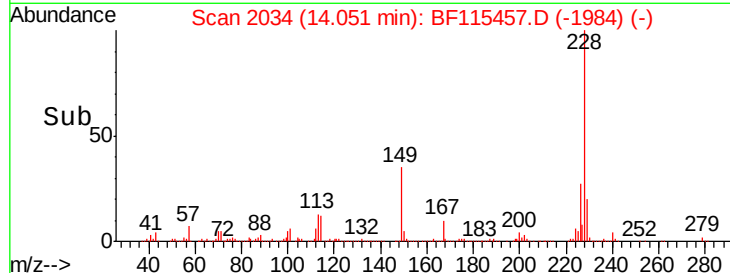
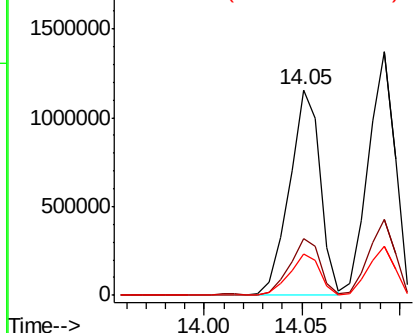
#81
Benzo(a)anthracene
Concen: 39.722 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1257443
Ion Ratio Lower Upper
228 100
226 27.5 22.6 34.0
229 19.8 16.4 24.6

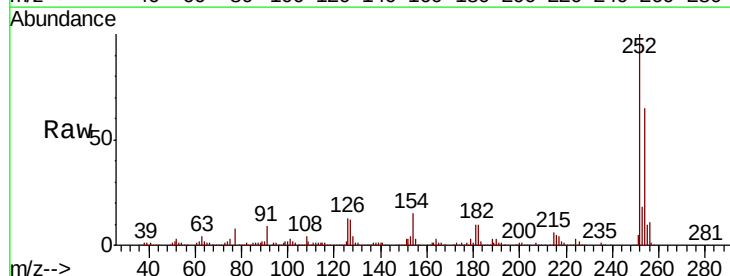


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

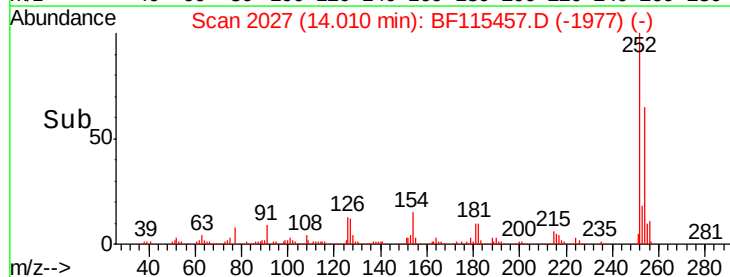
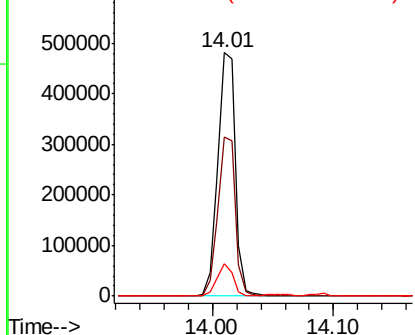


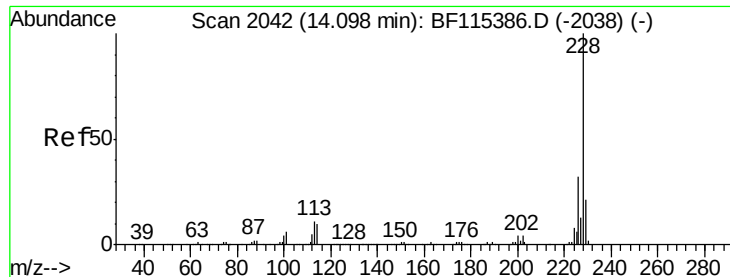
#82
3,3'-Dichlorobenzidine
Concen: 41.583 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion:252 Resp: 477648
Ion Ratio Lower Upper
252 100
254 65.2 52.9 79.3
126 13.1 10.0 15.0



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





#83

Chrysene

Concen: 39.867 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

Instrument :

BNA_F

ClientSampleId :

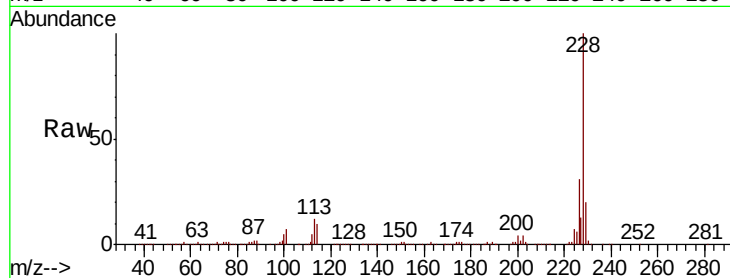
Tot Ion:228 Resp: 1296715

Ion Ratio Lower Upper

228 100

226 31.1 25.1 37.7

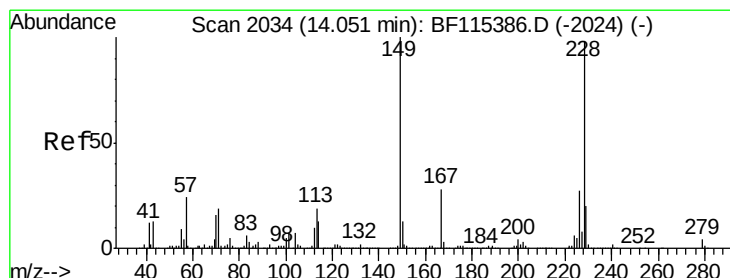
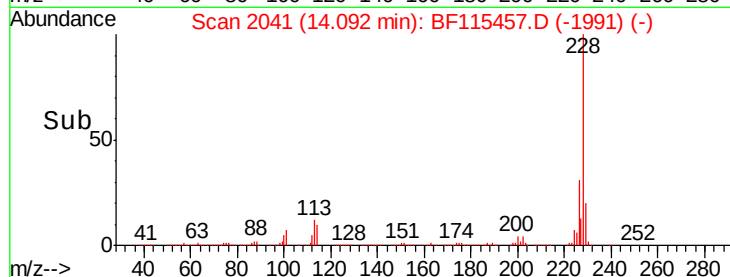
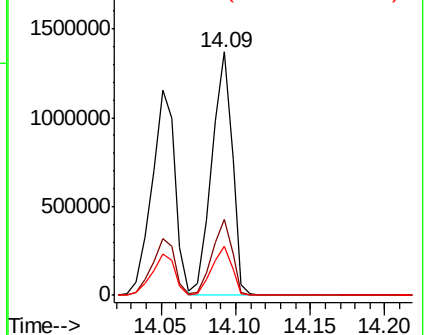
229 20.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.123 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

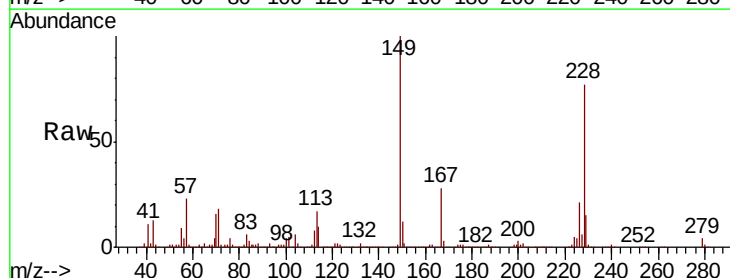
Tgt Ion:149 Resp: 813322

Ion Ratio Lower Upper

149 100

167 27.8 22.6 34.0

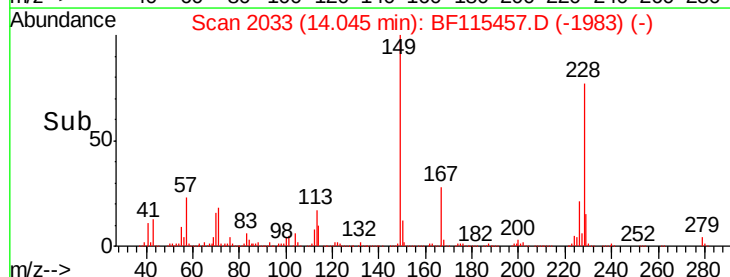
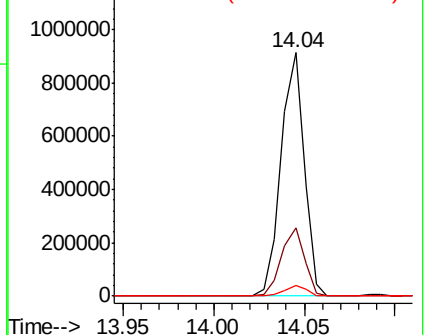
279 4.4 3.8 5.6

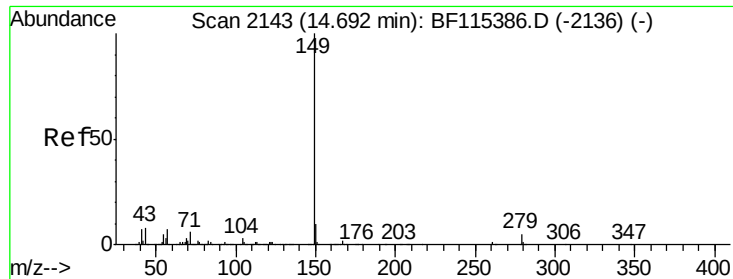


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.914 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.01 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

Instrument :

BNA_F

ClientSampleId :

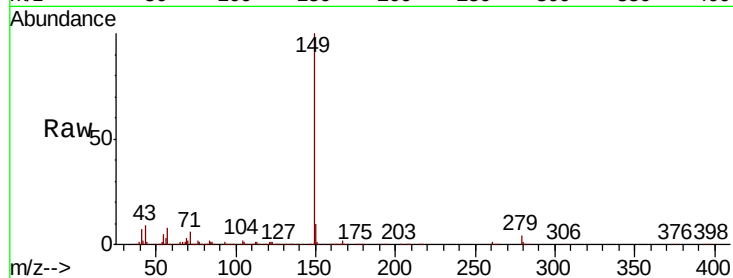
Tot Ion:149 Resp: 1403130

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

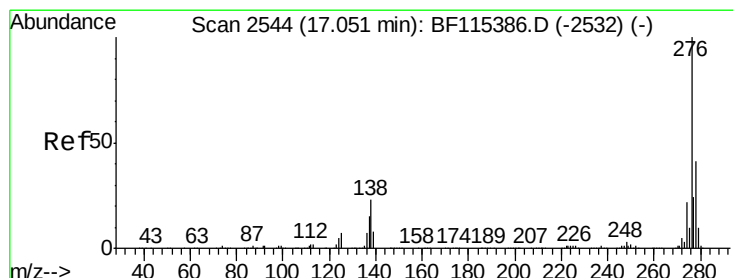
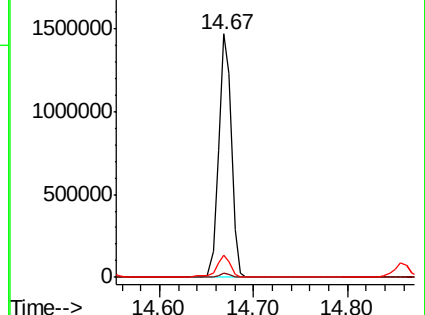
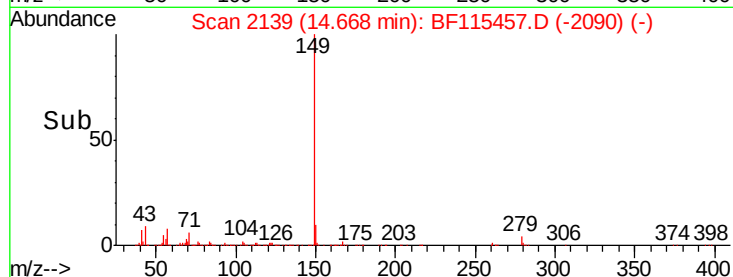
43 10.0 7.0 10.6



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: 42.764 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.01 min

Lab File: BF115457.D

Acq: 10 Jul 2019 16:06

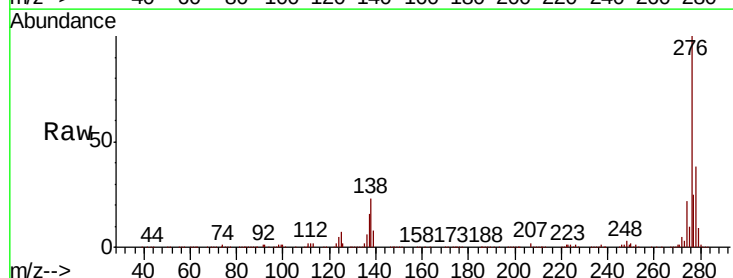
Tgt Ion:276 Resp: 1147008

Ion Ratio Lower Upper

276 100

138 25.7 20.6 31.0

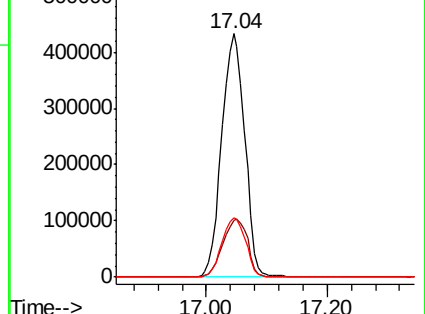
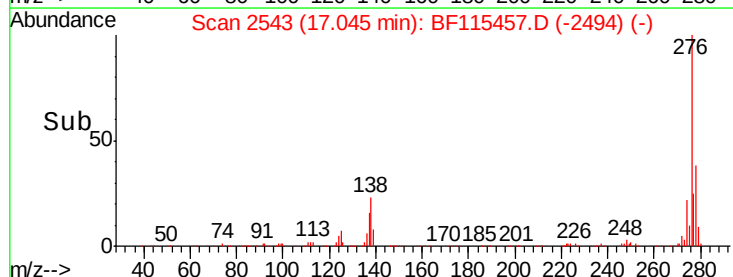
277 25.3 20.2 30.2

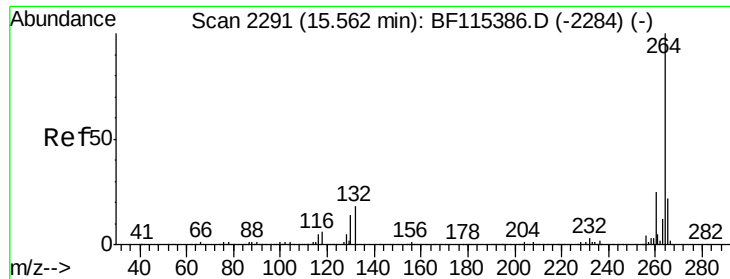


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

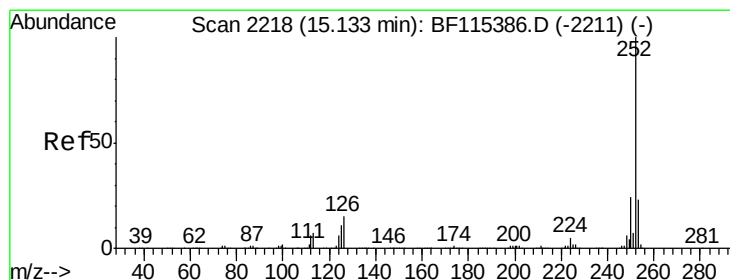
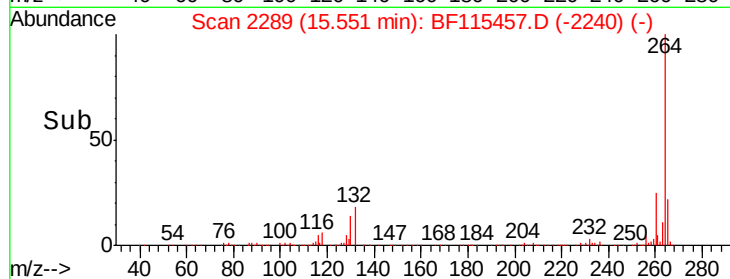
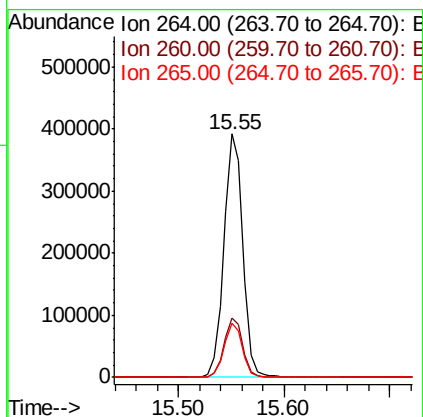
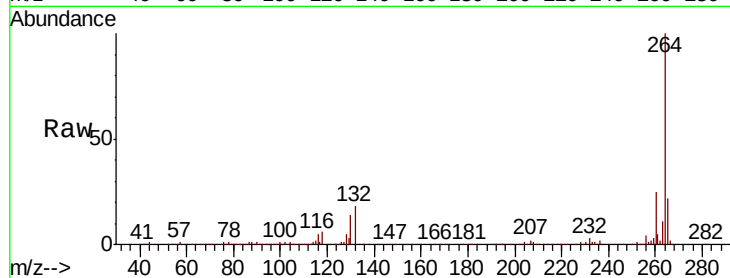




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

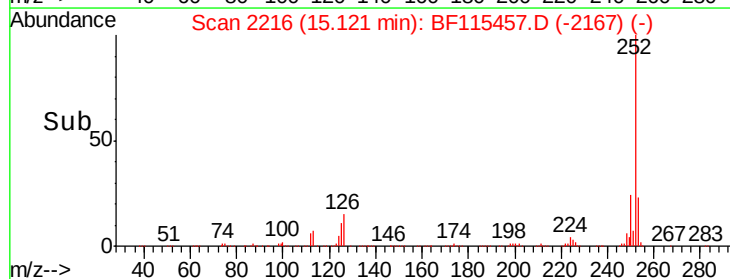
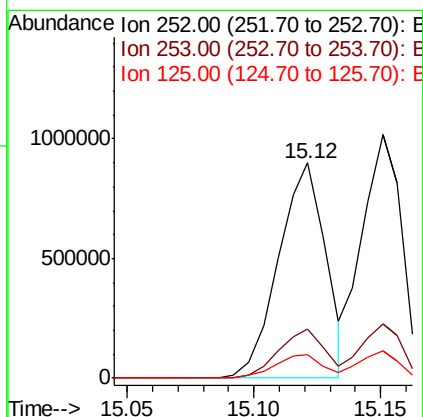
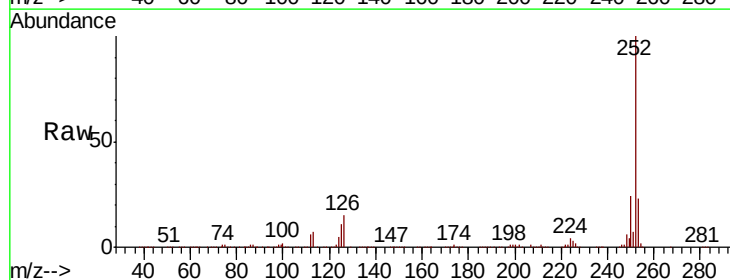
Instrument :
BNA_F
ClientSampled :

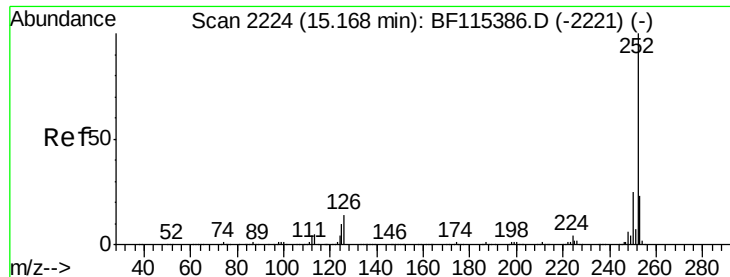
Tot Ion:264 Resp: 484549
Ion Ratio Lower Upper
264 100
260 24.6 20.1 30.1
265 22.2 17.8 26.6



#88
Benzo(b)fluoranthene
Concen: 36.840 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion:252 Resp: 1162231
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 10.8 8.5 12.7

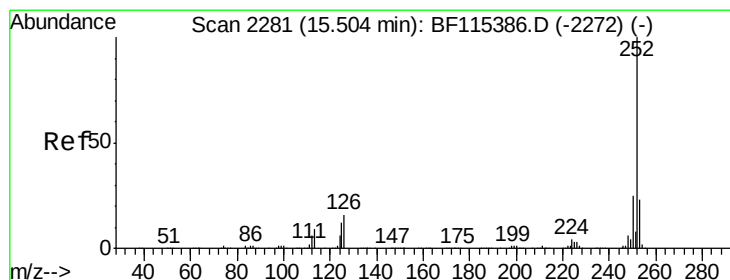
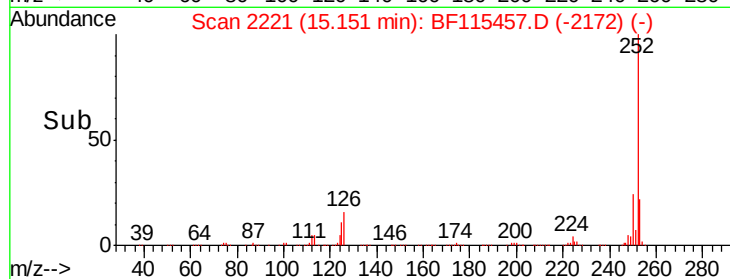
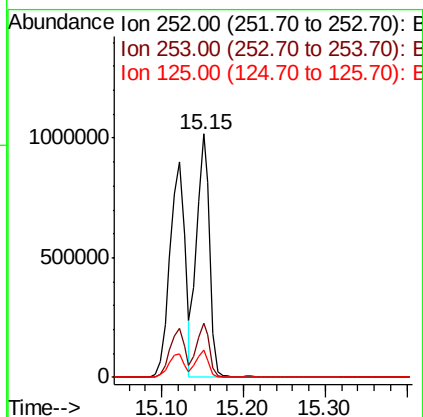
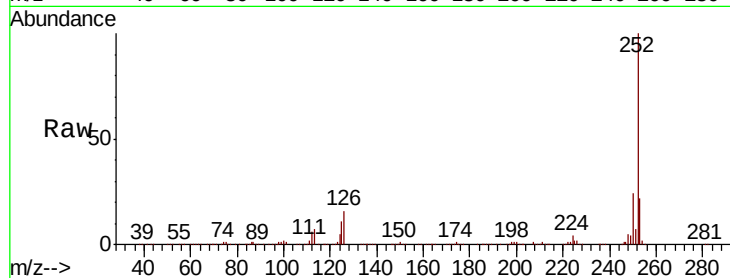




#89
Benzo(k)fluoranthene
Concen: 40.042 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

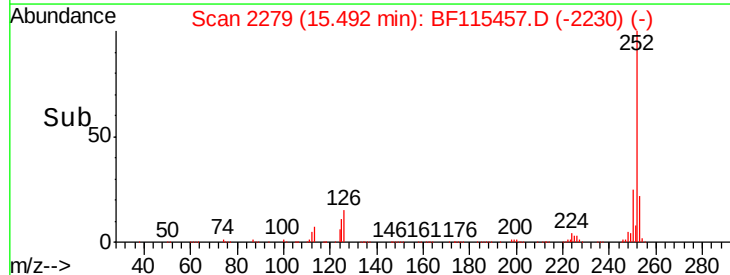
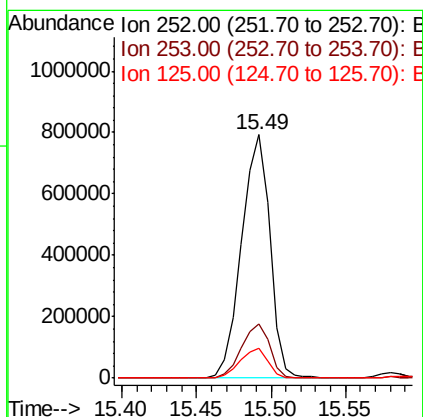
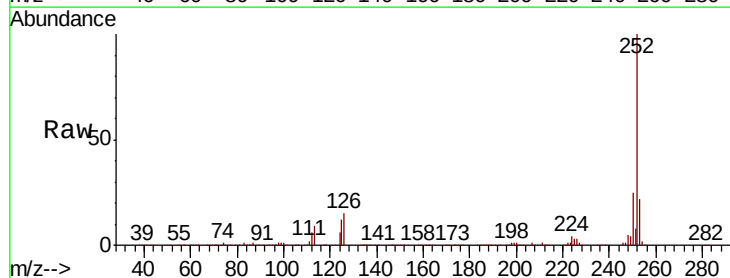
Instrument :
BNA_F
ClientSampleId :

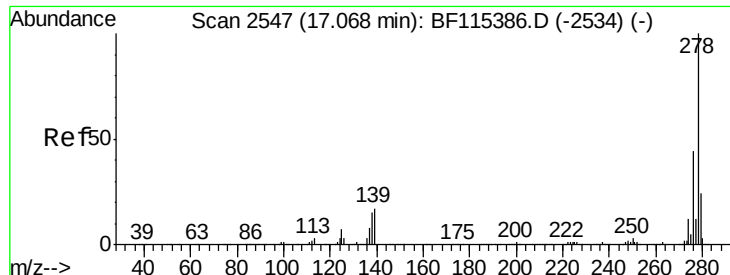
Tot Ion:252 Resp: 1123482
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 11.3 8.6 13.0



#90
Benzo(a)pyrene
Concen: 38.479 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion:252 Resp: 1047052
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 12.1 9.7 14.5

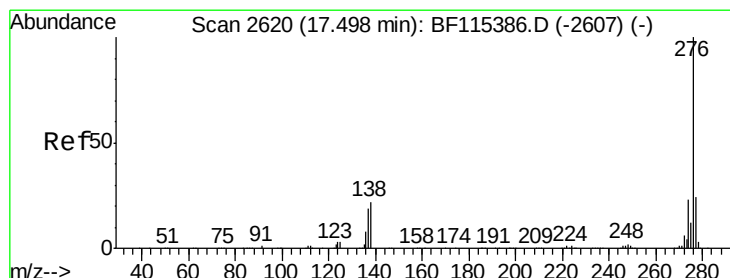
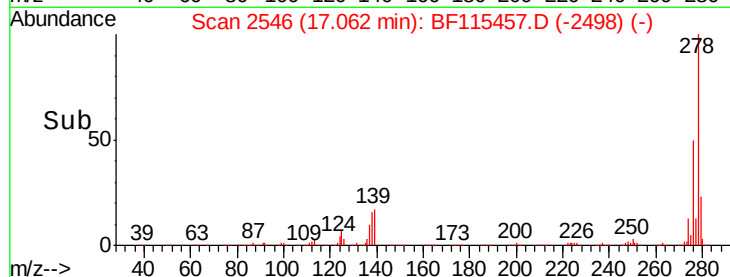
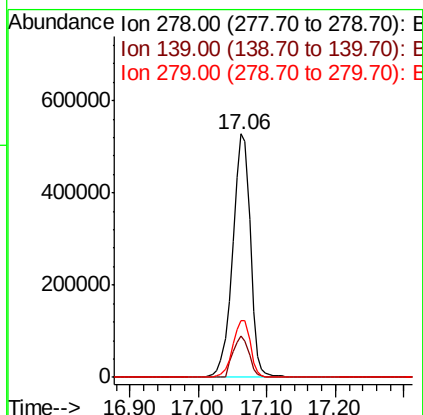
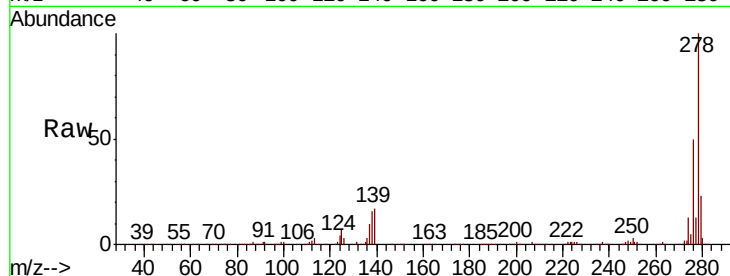




#91
Dibenzo(a,h)anthracene
Concen: 40.490 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.02 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.0	19.6
279	23.4	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 41.927 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BF115457.D
Acq: 10 Jul 2019 16:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	22.3	17.8	26.8

