

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113831.D
 Acq On : 18 Apr 2019 21:59
 Operator : JU/SJ
 Sample : K2441-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 02:08:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	172949	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	591924	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	260902	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	457555	20.00	ng	0.00
76) Chrysene-d12	14.04	240	476407	20.00	ng	0.00
87) Perylene-d12	15.52	264	567742	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1127265	108.38	ng	0.01
7) Phenol-d6	6.52	99	1444879	111.39	ng	0.00
23) Nitrobenzene-d5	7.45	82	821283	84.49	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	344178	119.40	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1141040	66.70	ng	0.00
79) Terphenyl-d14	12.99	244	1259642	55.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	161397	31.184	ng	98
3) Pyridine	3.49	79	430085	30.202	ng	99
4) n-Nitrosodimethylamine	3.43	42	155174	31.222	ng	100
6) Aniline	6.56	93	365941	19.881	ng	100
8) 2-Chlorophenol	6.68	128	356373	30.529	ng	98
9) Benzaldehyde	6.44	77	126131	12.202	ng	96
10) Phenol	6.53	94	481796	33.134	ng	96
11) bis(2-Chloroethyl)ether	6.63	93	365957	31.003	ng	98
12) 1,3-Dichlorobenzene	6.84	146	414304	31.944	ng	99
13) 1,4-Dichlorobenzene	6.92	146	419388	32.321	ng	100
14) 1,2-Dichlorobenzene	7.07	146	388333	32.475	ng	98
15) Benzyl Alcohol	7.03	79	327168	31.135	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	437331	30.545	ng	100
17) 2-Methylphenol	7.14	107	288023	30.206	ng	99
18) Hexachloroethane	7.41	117	142939	30.717	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	257868	29.784	ng	99
20) 3+4-Methylphenols	7.29	107	363310	31.711	ng	# 85
22) Acetophenone	7.30	105	495243	36.722	ng	97
24) Nitrobenzene	7.47	77	383293	35.086	ng	97
25) Isophorone	7.71	82	675872	33.583	ng	99
26) 2-Nitrophenol	7.79	139	164254	37.847	ng	94
27) 2,4-Dimethylphenol	7.82	122	311138	37.549	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	433755	33.917	ng	99
29) 2,4-Dichlorophenol	8.03	162	294786	33.389	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	340721	34.743	ng	98
31) Naphthalene	8.20	128	980582	35.023	ng	100
32) Benzoic acid	7.91	122	132731	27.128	ng	98
33) 4-Chloroaniline	8.24	127	157918	13.295	ng	96
34) Hexachlorobutadiene	8.32	225	207669	34.659	ng	98
35) Caprolactam	8.59	113	82218	28.848	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	274900	31.401	ng	99
37) 2-Methylnaphthalene	8.89	142	636094	34.242	ng	99
38) 1-Methylnaphthalene	8.99	142	595492	33.036	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	318007	38.408	ng	99

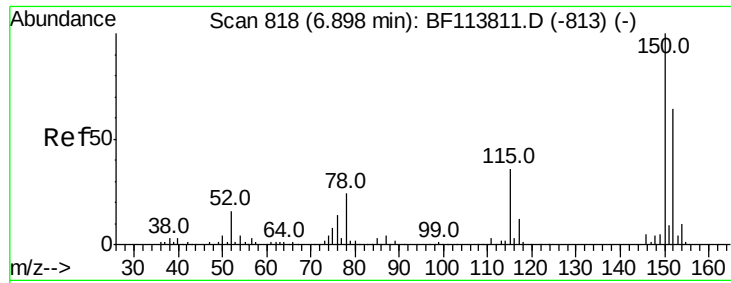
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113831.D
 Acq On : 18 Apr 2019 21:59
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	240947	52.938	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	198205	37.190	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	208820	36.307	ng	98
46) 1,1'-Biphenyl	9.35	154	760705	38.531	ng	99
47) 2-Chloronaphthalene	9.37	162	599723	37.107	ng	98
48) 2-Nitroaniline	9.46	65	155813	37.050	ng	91
49) Acenaphthylene	9.79	152	892380	35.303	ng	99
50) Dimethylphthalate	9.65	163	836690	45.825	ng	100
51) 2,6-Dinitrotoluene	9.70	165	142391	35.337	ng	98
52) Acenaphthene	9.96	154	534122	36.023	ng	99
53) 3-Nitroaniline	9.87	138	92979	21.791	ng	95
54) 2,4-Dinitrophenol	9.97	184	55586	42.144	ng	# 1
55) Dibenzofuran	10.13	168	792046	35.660	ng	99
56) 4-Nitrophenol	10.02	139	219069	63.090	ng	98
57) 2,4-Dinitrotoluene	10.10	165	173639	34.733	ng	98
58) Fluorene	10.47	166	573705	34.626	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	166951	34.017	ng	98
60) Diethylphthalate	10.35	149	620535	35.461	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	305259	35.978	ng	98
62) 4-Nitroaniline	10.47	138	113604	27.679	ng	97
63) Azobenzene	10.63	77	583440	32.446	ng	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	41009	25.483	ng	95
66) n-Nitrosodiphenylamine	10.58	169	511933	36.910	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	192903	35.901	ng	96
68) Hexachlorobenzene	11.03	284	205010	34.694	ng	96
69) Atrazine	11.10	200	159010	37.055	ng	99
70) Pentachlorophenol	11.22	266	229704	68.571	ng	98
71) Phenanthrene	11.43	178	824968	35.401	ng	100
72) Anthracene	11.49	178	851201	36.248	ng	99
73) Carbazole	11.63	167	752593	35.298	ng	99
74) Di-n-butylphthalate	11.97	149	879384	37.059	ng	98
75) Fluoranthene	12.62	202	952638	38.573	ng	98
77) Benzidine	12.73	184	439310	27.800	ng	98
78) Pyrene	12.85	202	986346	29.377	ng	99
80) Butylbenzylphthalate	13.47	149	399362	32.109	ng	99
81) Benzo(a)anthracene	14.03	228	1012977	36.375	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	360273	36.398	ng	99
83) Chrysene	14.07	228	1027213	37.162	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	545096	36.634	ng	98
85) Di-n-octyl phthalate	14.64	149	1071945	46.432	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1058418	46.905	ng	99
88) Benzo(b)fluoranthene	15.09	252	1179368	33.322	ng	99
89) Benzo(k)fluoranthene	15.12	252	1120825	34.769	ng	99
90) Benzo(a)pyrene	15.46	252	1124179	35.921	ng	99
91) Dibenzo(a,h)anthracene	17.01	278	902351	32.405	ng	100
92) Benzo(g,h,i)perylene	17.43	276	812539	28.708	ng	99

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

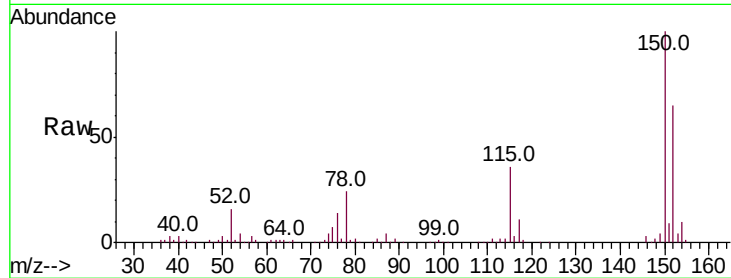


#1

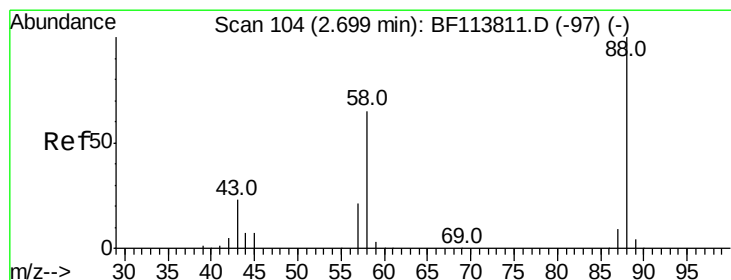
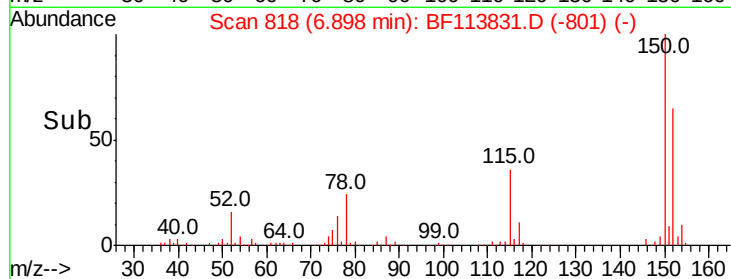
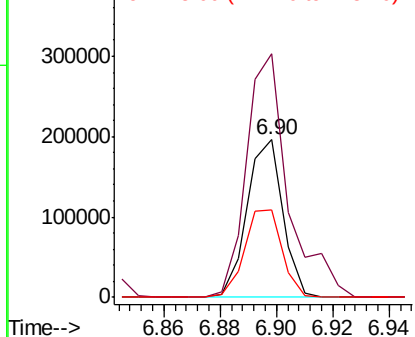
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 172949
Ion Ratio Lower Upper
152 100
150 154.7 125.9 188.9
115 55.8 45.9 68.9



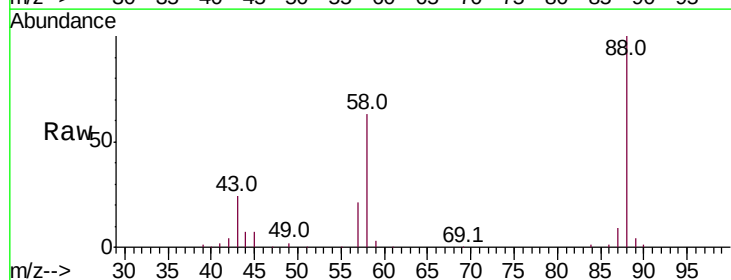
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



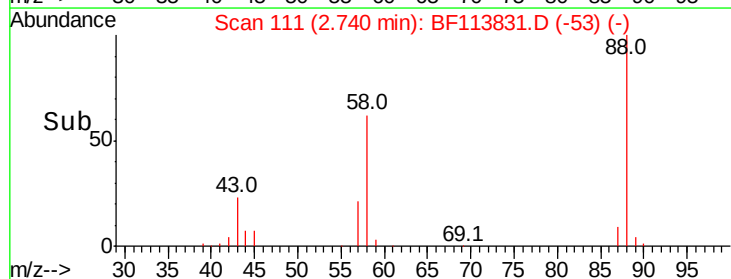
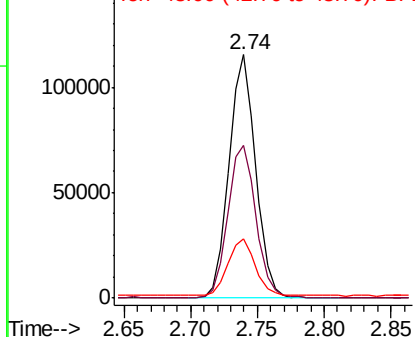
#2

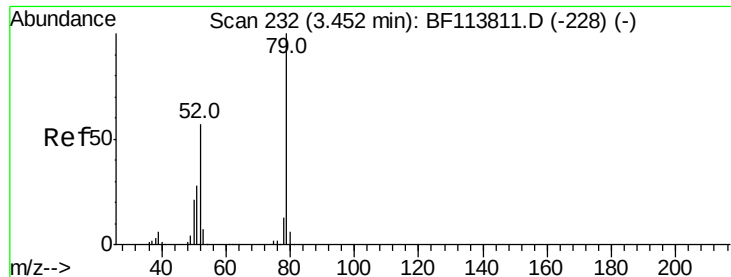
1,4-Dioxane
Concen: 31.184 ng
RT: 2.74 min Scan# 111
Delta R.T. 0.04 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion: 88 Resp: 161397
Ion Ratio Lower Upper
88 100
58 65.0 53.3 79.9
43 23.7 19.0 28.4



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





#3

Pvridine

Concen: 30.202 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.04 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

ClientSampleId :

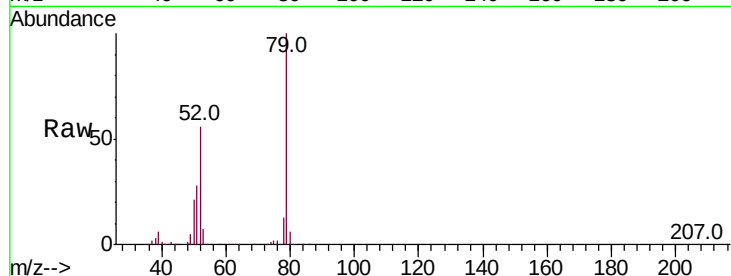
Tot Ion: 79 Resp: 430085

Ion Ratio Lower Upper

79 100

52 55.9 45.3 67.9

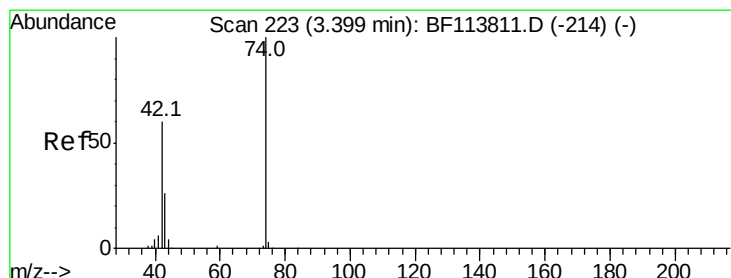
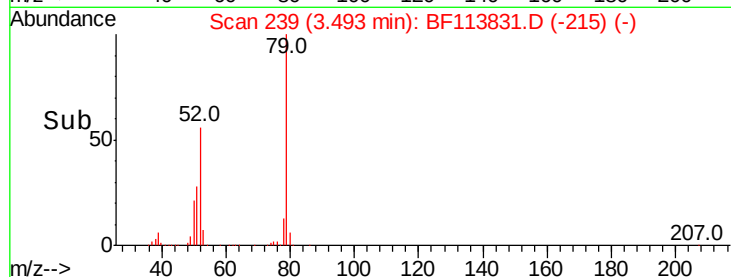
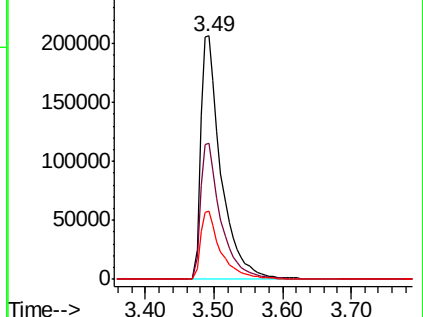
51 28.2 22.1 33.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 31.222 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.03 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

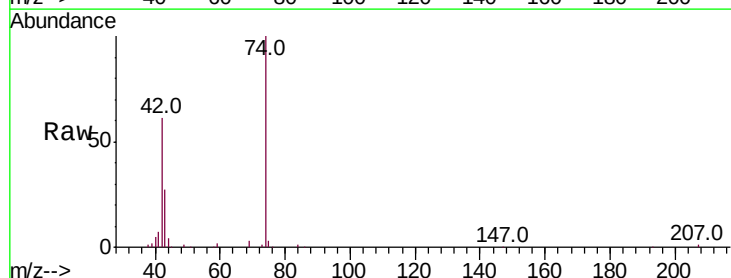
Tgt Ion: 42 Resp: 155174

Ion Ratio Lower Upper

42 100

74 165.2 132.6 198.8

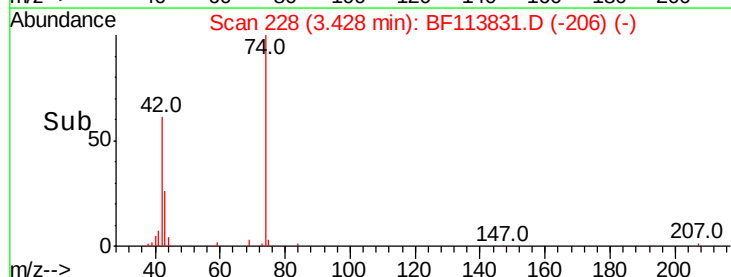
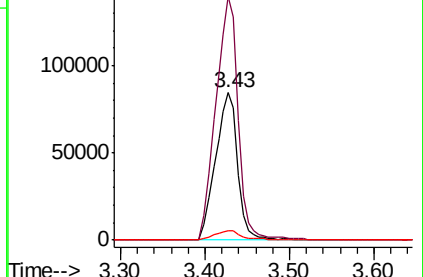
44 6.6 5.8 8.8

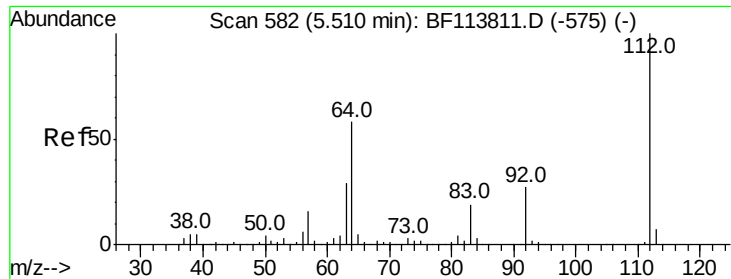


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

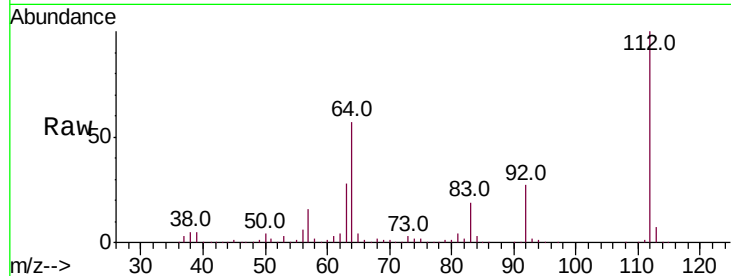




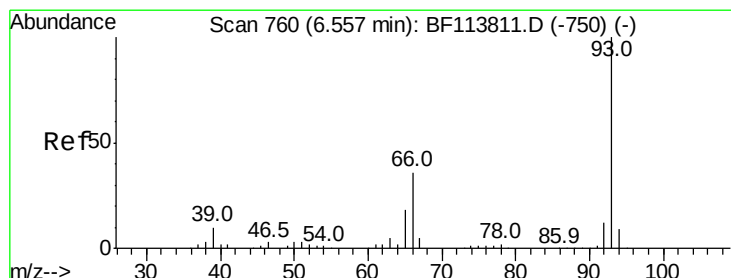
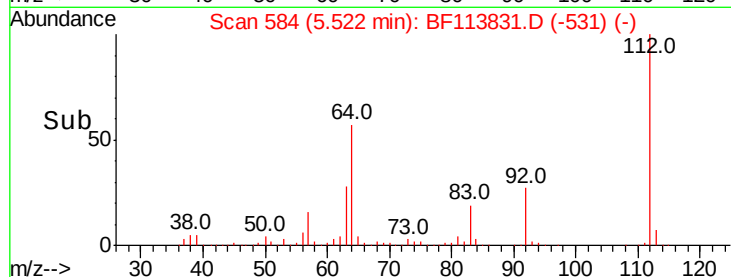
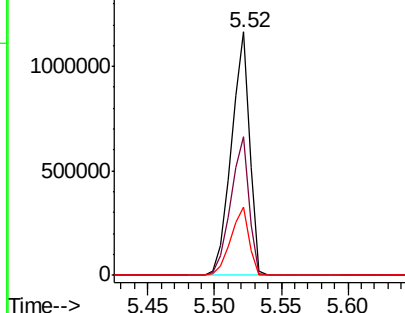
#5
 2-Fluorophenol
 Concen: 108.378 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:112 Resp: 1127265
 Ion Ratio Lower Upper
 112 100
 64 56.8 46.6 69.8
 63 28.0 23.1 34.7

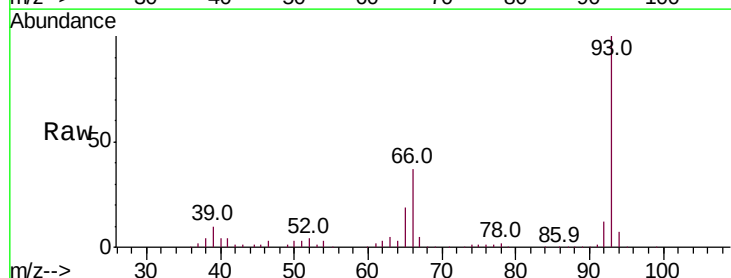


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

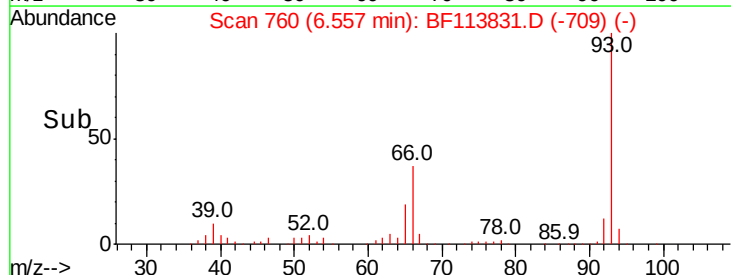
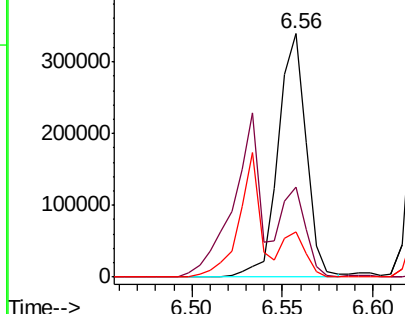


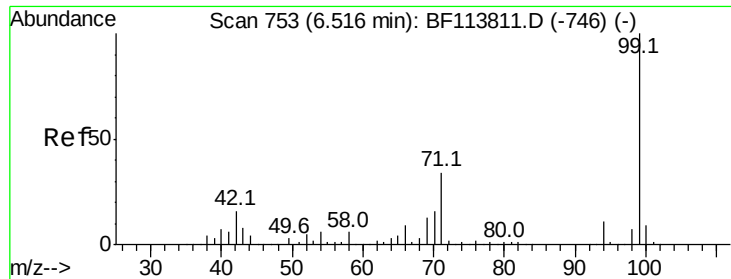
#6
 Aniline
 Concen: 19.881 ng
 RT: 6.56 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Tgt Ion: 93 Resp: 365941
 Ion Ratio Lower Upper
 93 100
 66 36.9 29.8 44.6
 65 18.6 14.9 22.3



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: 111.392 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

ClientSampleId :

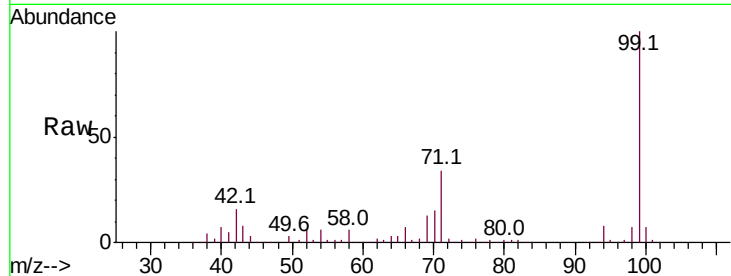
Tot Ion: 99 Resp: 1444879

Ion Ratio Lower Upper

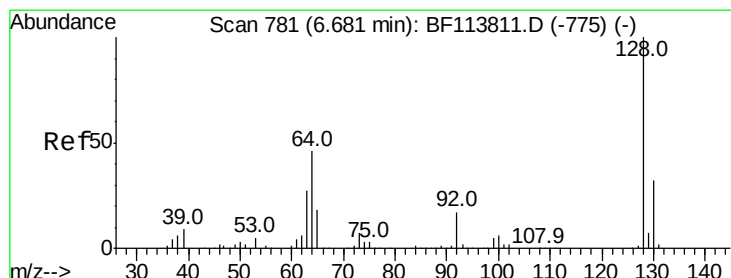
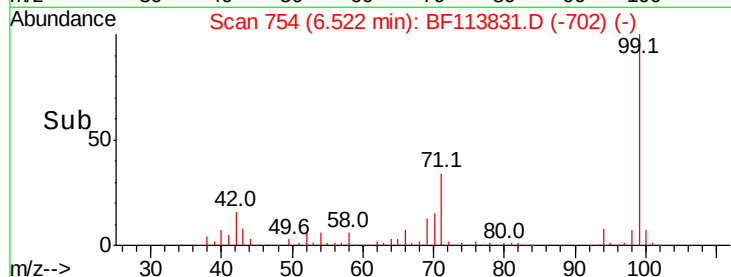
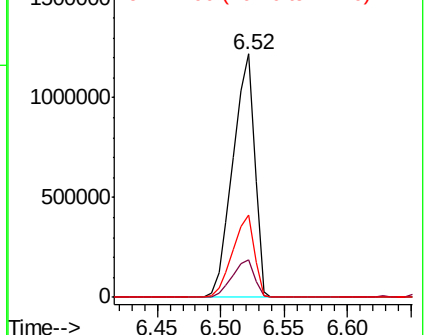
99 100

42 15.6 12.5 18.7

71 33.7 26.9 40.3



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: 30.529 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

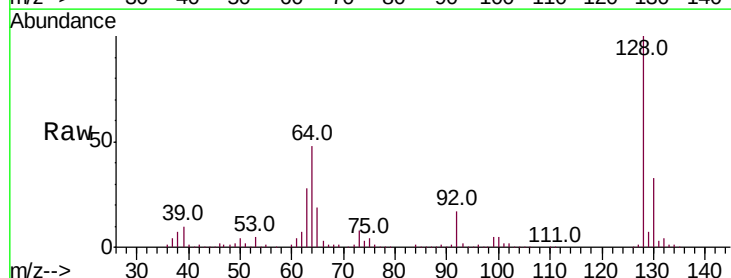
Tgt Ion:128 Resp: 356373

Ion Ratio Lower Upper

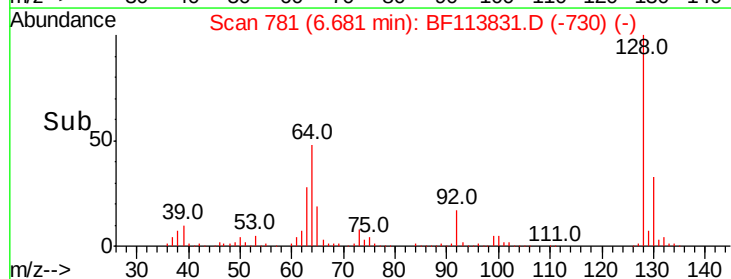
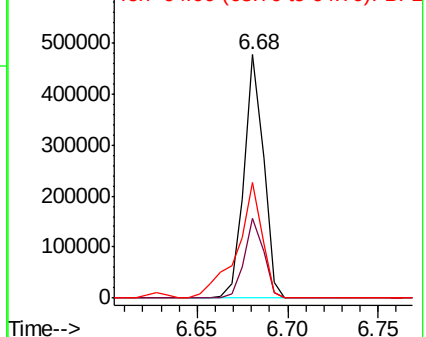
128 100

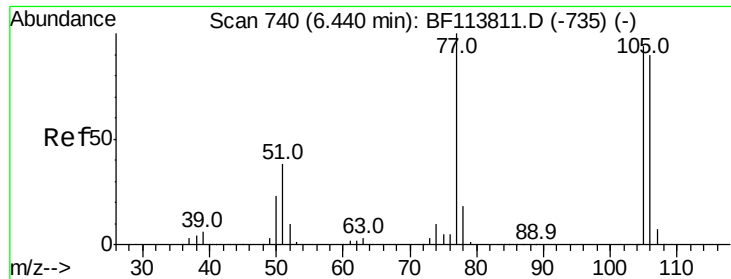
130 33.0 12.3 52.3

64 47.7 26.1 66.1



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: 12.202 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

ClientSampleId :

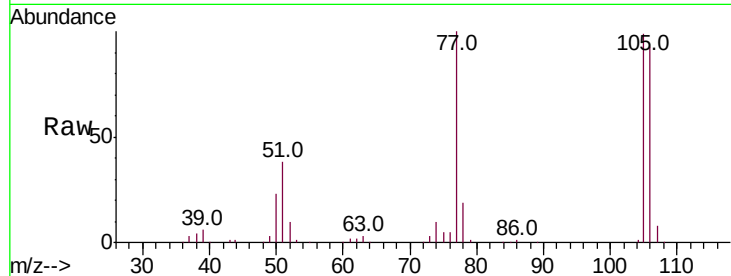
Tot Ion: 77 Resp: 126131

Ion Ratio Lower Upper

77 100

105 98.8 74.1 114.1

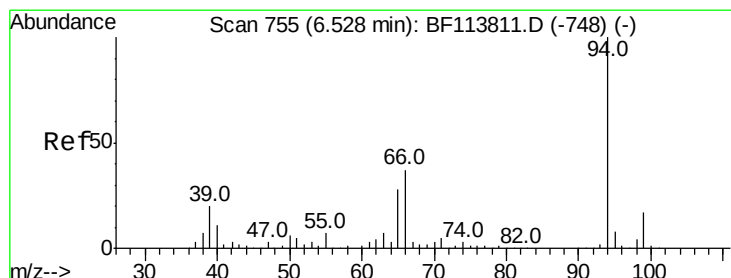
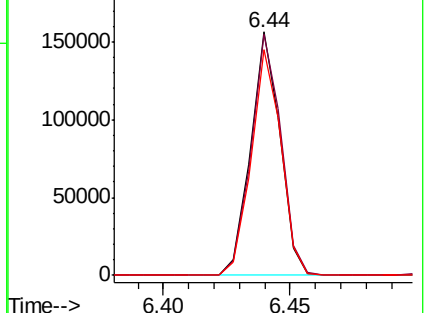
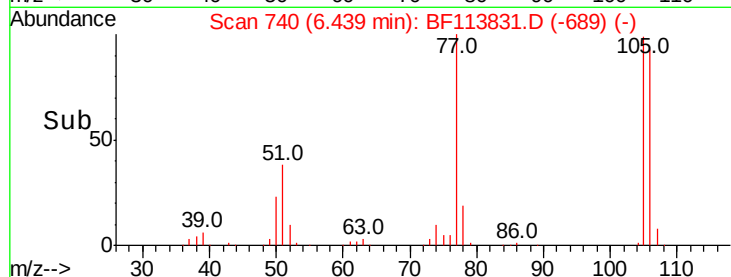
106 92.8 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.134 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

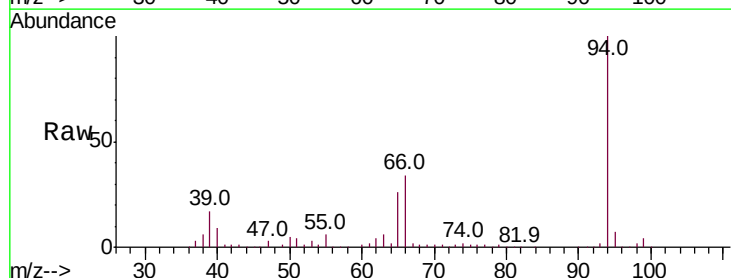
Tgt Ion: 94 Resp: 481796

Ion Ratio Lower Upper

94 100

65 26.1 8.1 48.1

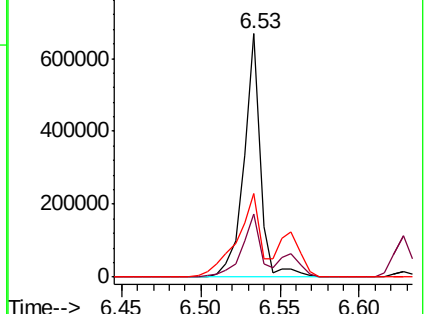
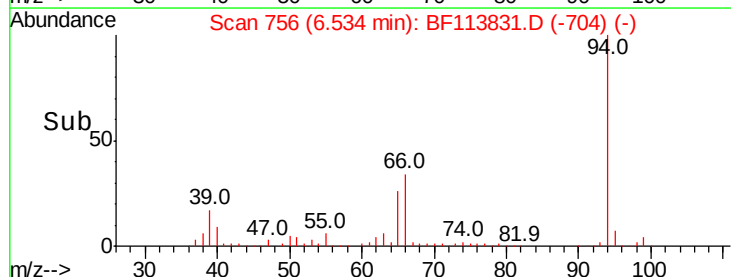
66 34.1 16.6 56.6

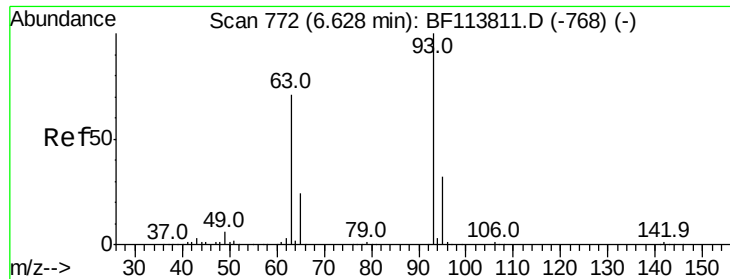


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

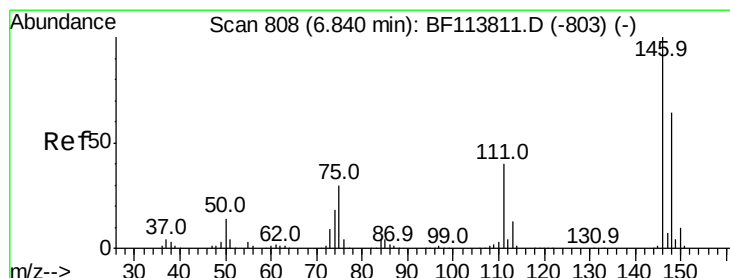
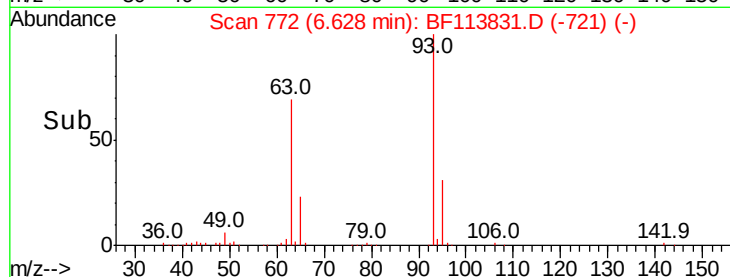
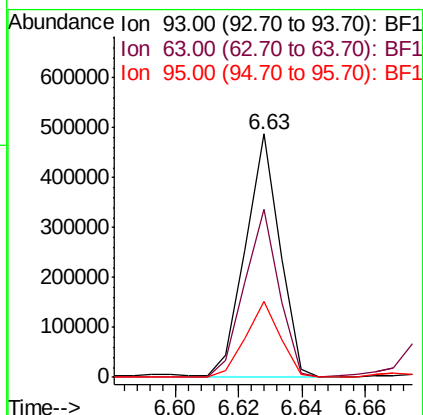
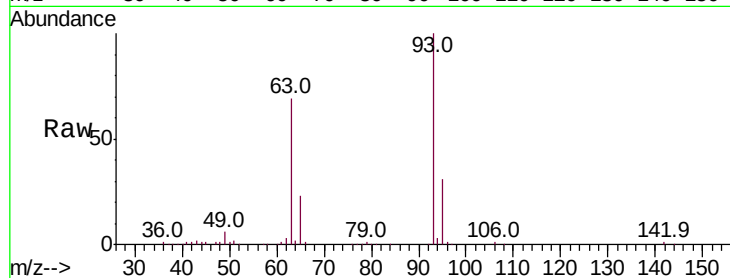




#11
bis(2-Chloroethyl)ether
Concen: 31.003 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

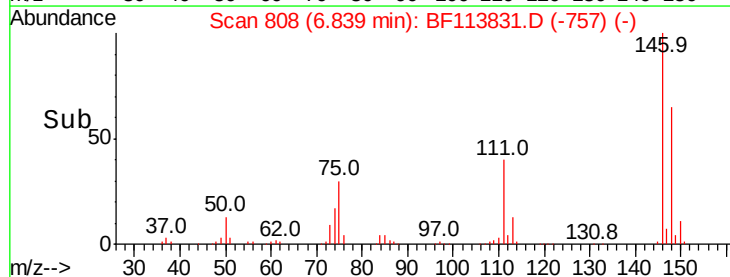
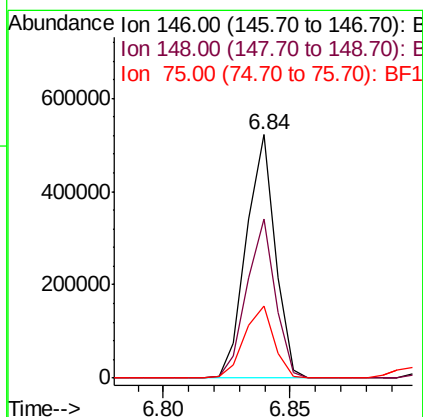
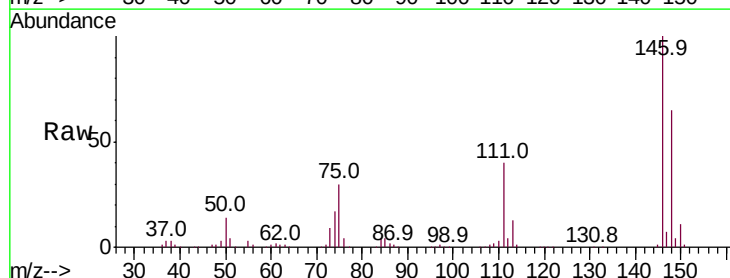
Instrument :
BNA_F
ClientSampleId :

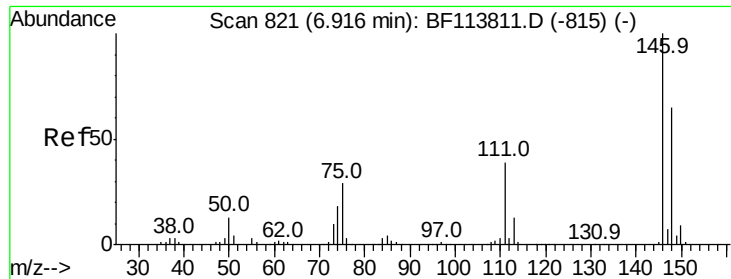
Tot Ion: 93 Resp: 365957
Ion Ratio Lower Upper
93 100
63 69.1 50.7 90.7
95 31.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 31.944 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion: 146 Resp: 414304
Ion Ratio Lower Upper
146 100
148 65.2 51.0 76.6
75 29.8 23.8 35.8

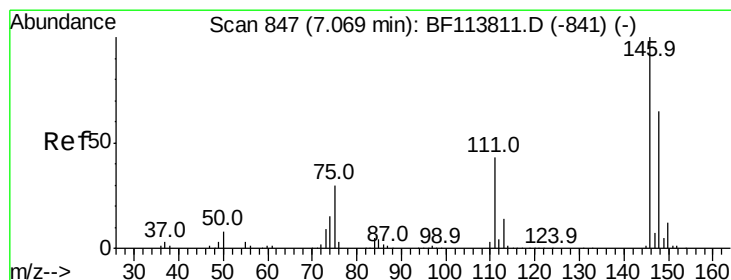
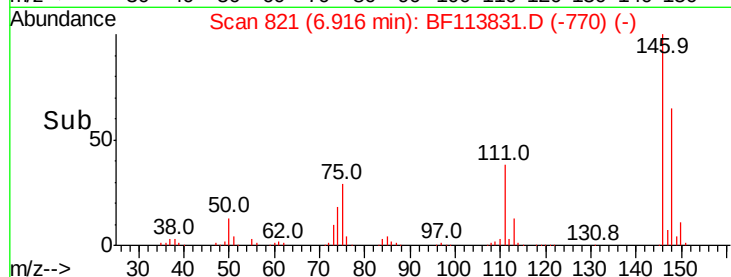
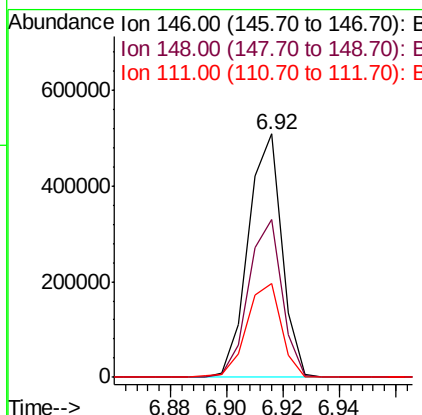
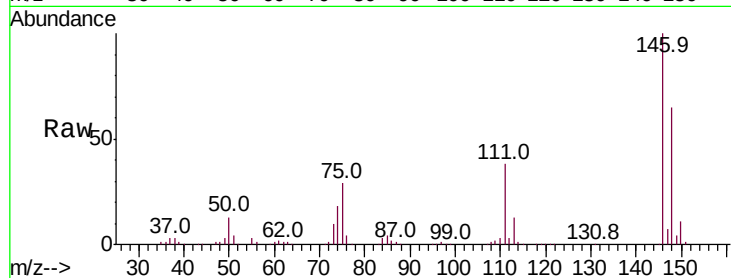




#13
 1,4-Dichlorobenzene
 Concen: 32.321 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

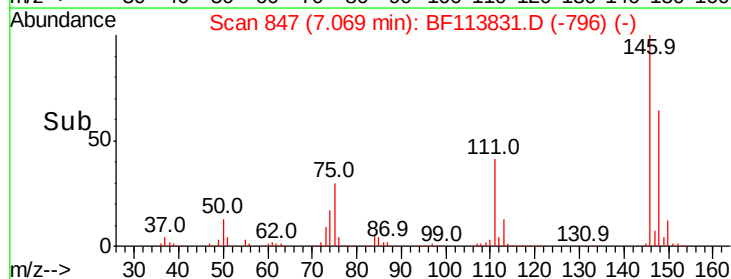
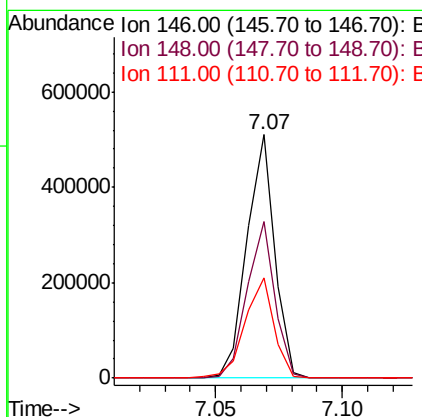
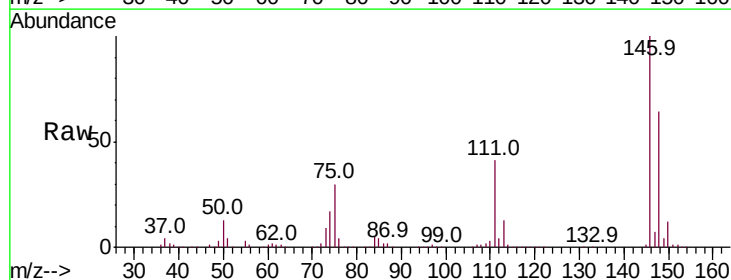
Instrument :
 BNA_F
 ClientSampleId :

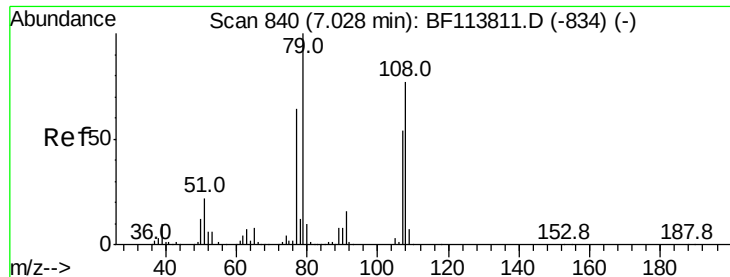
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
111	38.3	30.9	46.3



#14
 1,2-Dichlorobenzene
 Concen: 32.475 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.1	78.1
111	41.4	34.2	51.4





#15

Benzyl Alcohol

Concen: 31.135 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

ClientSampled :

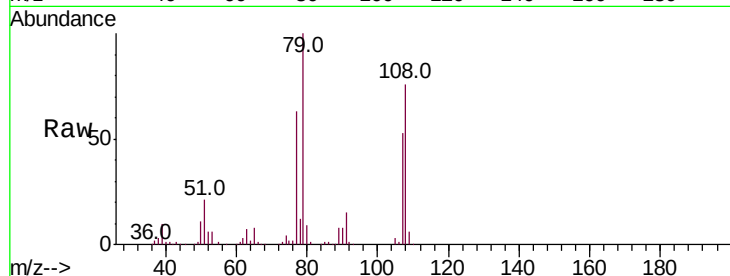
Tot Ion: 79 Resp: 327168

Ion Ratio Lower Upper

79 100

108 76.1 61.4 92.0

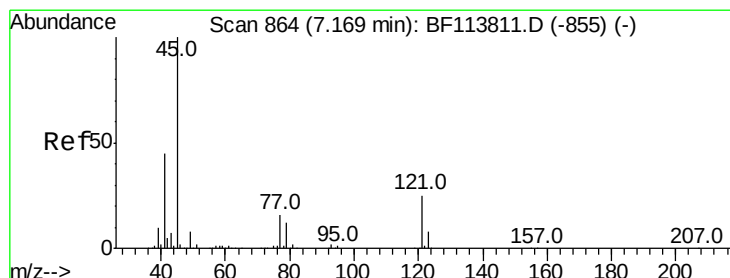
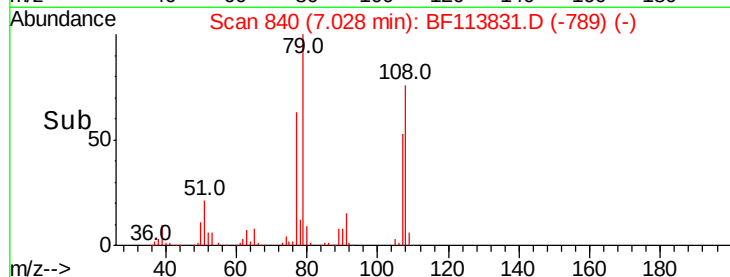
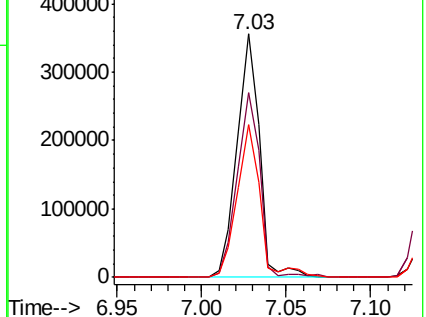
77 62.9 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.545 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

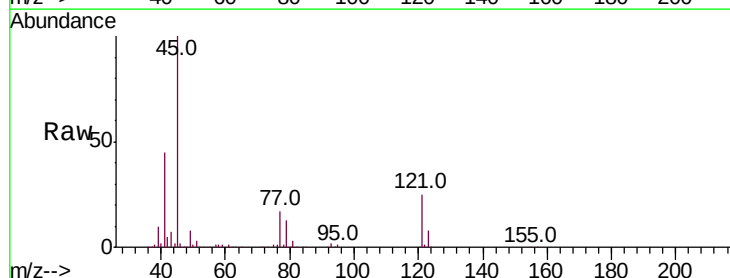
Tgt Ion: 45 Resp: 437331

Ion Ratio Lower Upper

45 100

77 17.1 0.0 37.0

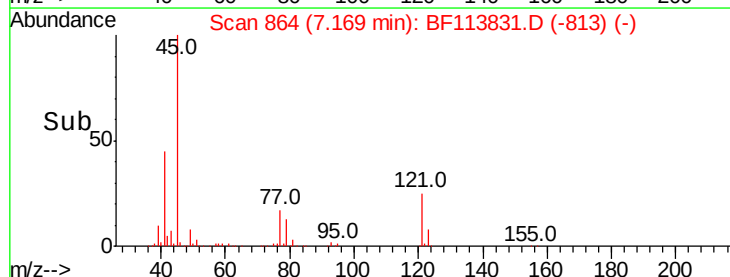
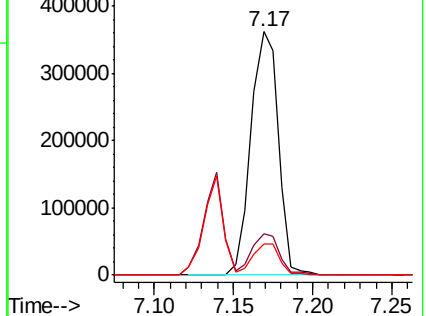
79 12.8 0.0 32.7

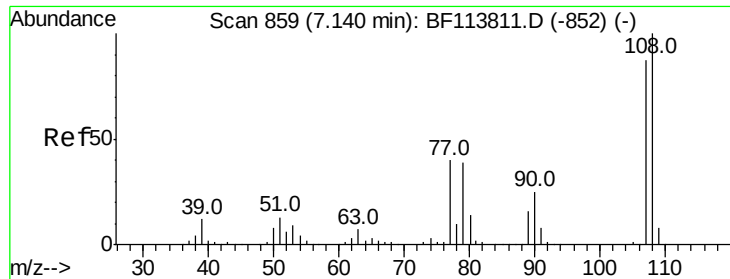


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

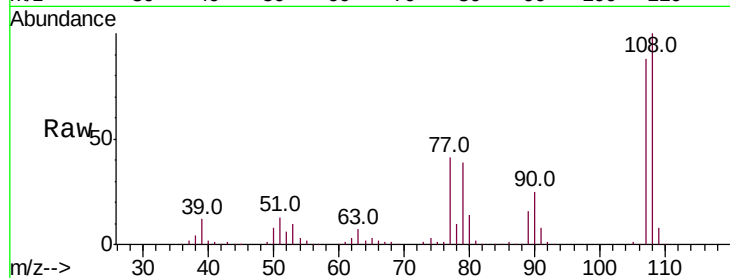




#17
2-Methylphenol
Concen: 30.206 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.5	137.3
77	46.5	36.2	54.4
79	44.5	35.4	53.0



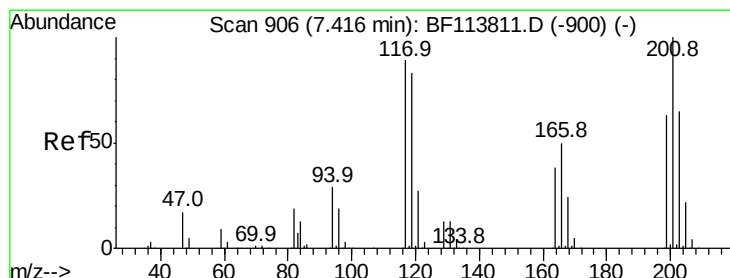
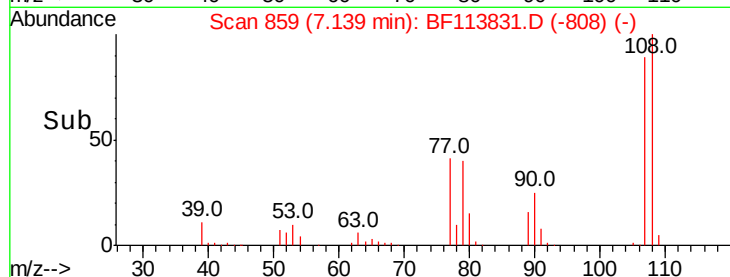
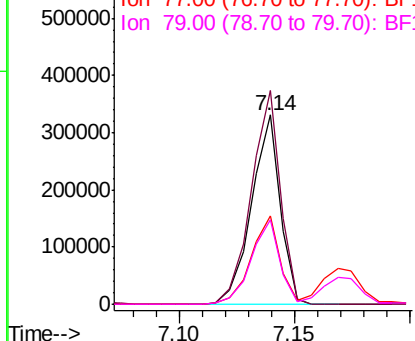
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

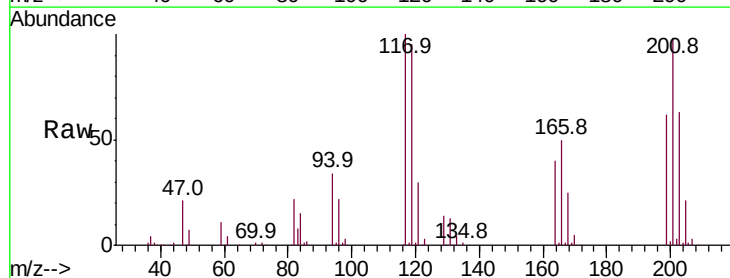
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 30.717 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	74.4	111.6
201	98.1	90.2	135.2

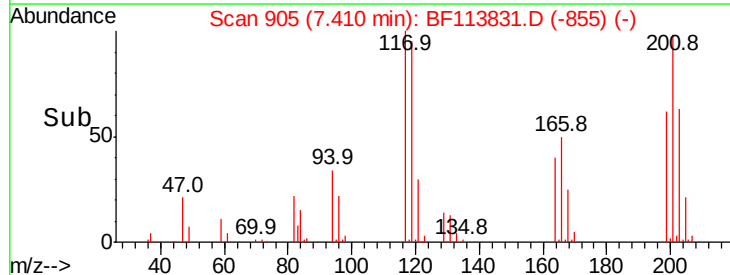
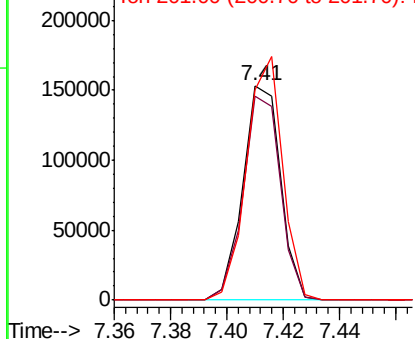


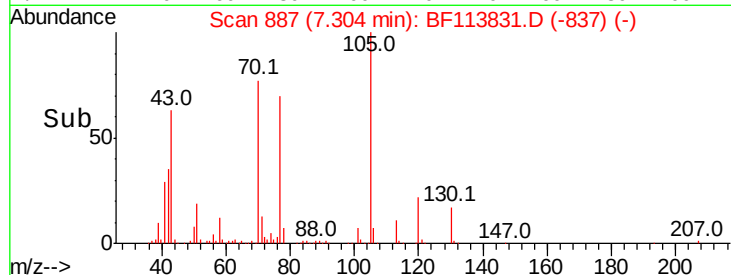
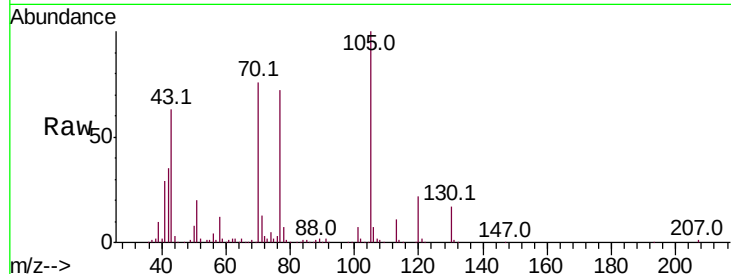
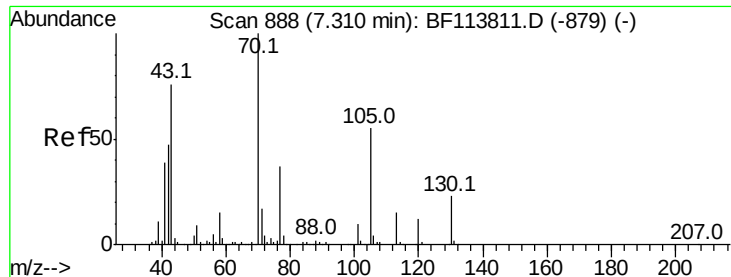
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

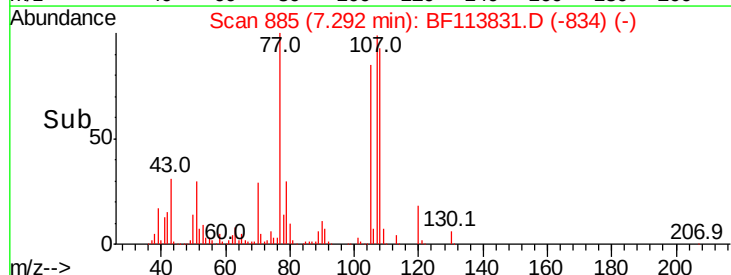
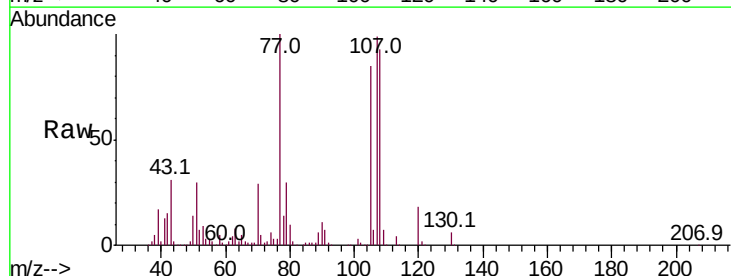
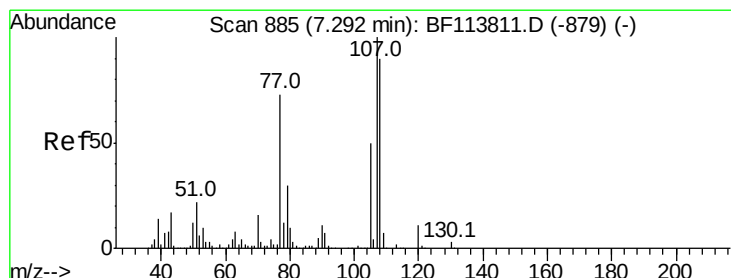
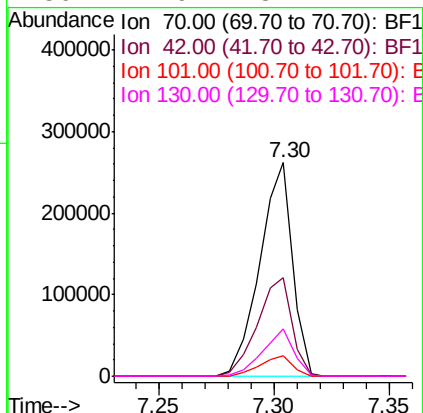




#19
n-Nitroso-di-n-propylamine
Concen: 29.784 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

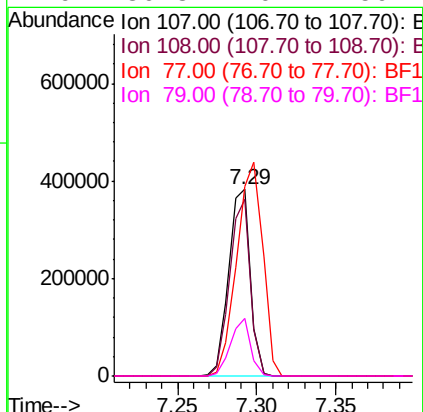
Instrument :
BNA_F
ClientSampleId :

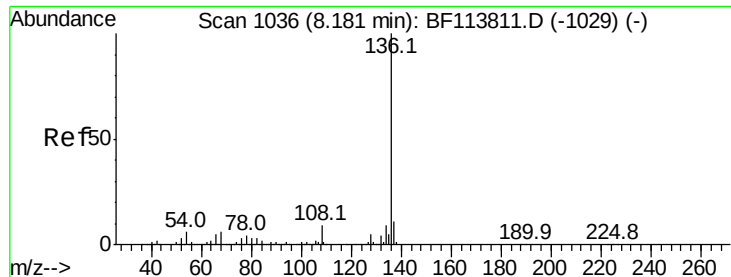
Tot Ion:	70	Resp:	257868
Ion	Ratio	Lower	Upper
70	100		
42	46.2	37.3	55.9
101	9.6	7.8	11.8
130	21.9	18.2	27.2



#20
3+4-Methylphenols
Concen: 31.711 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion:	107	Resp:	363310
Ion	Ratio	Lower	Upper
107	100		
108	94.3	70.1	110.1
77	101.2	52.9	92.9
79	30.8	10.2	50.2

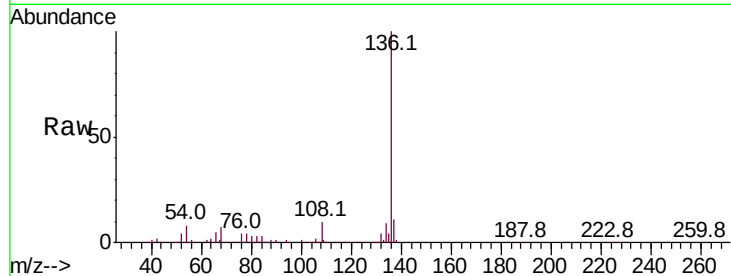




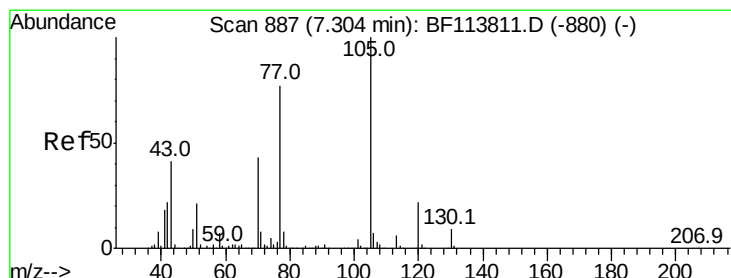
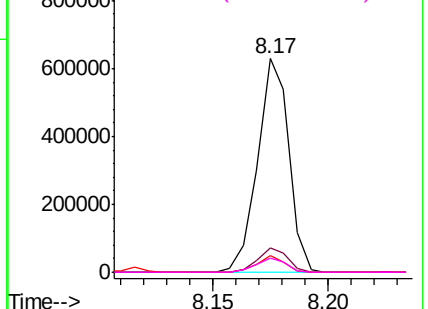
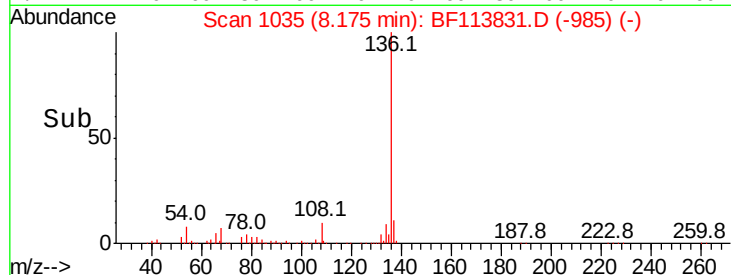
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	591924
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.6 12.8
54	7.5	5.0 7.6
68	6.9	4.9 7.3

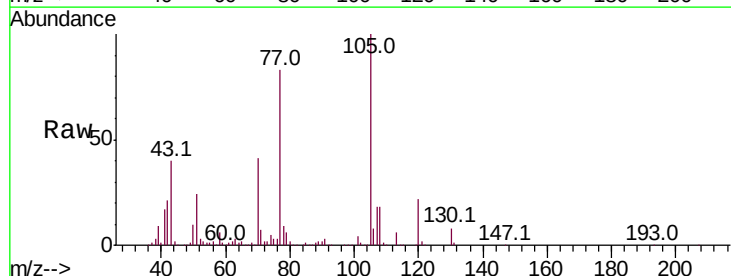


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

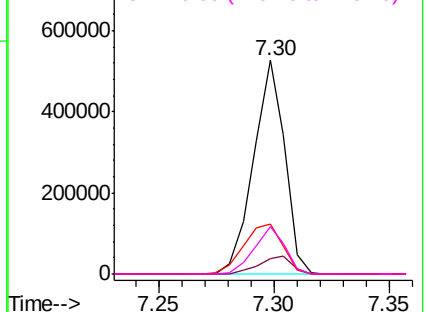
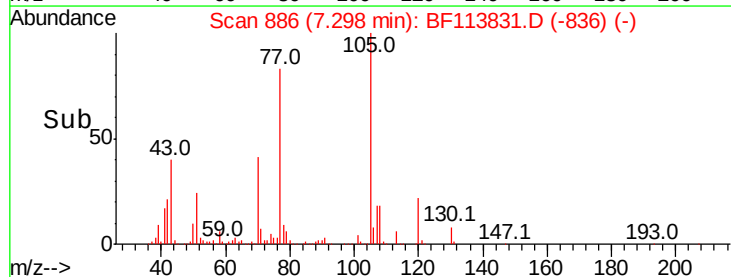


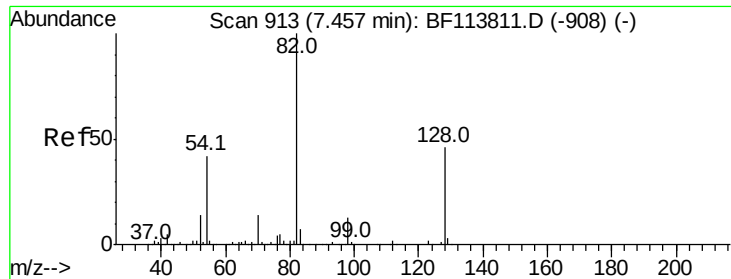
#22
Acetophenone
Concen: 36.722 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion:105	Resp:	495243
Ion	Ratio	Lower Upper
105	100	
71	7.1	6.1 9.1
51	23.6	16.8 25.2
120	21.9	17.6 26.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

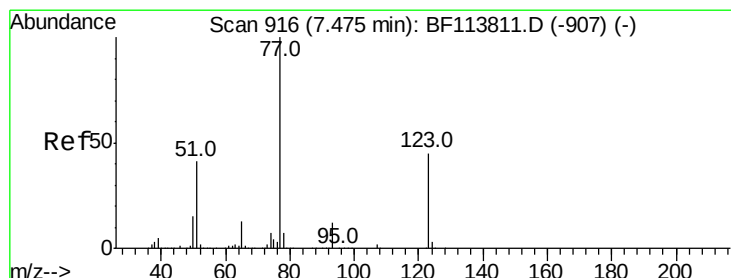
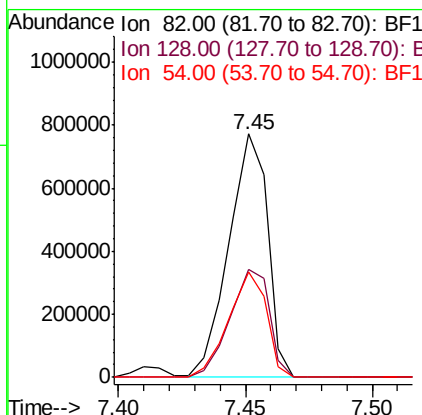
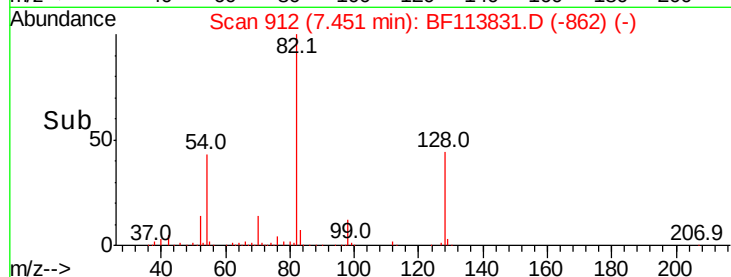
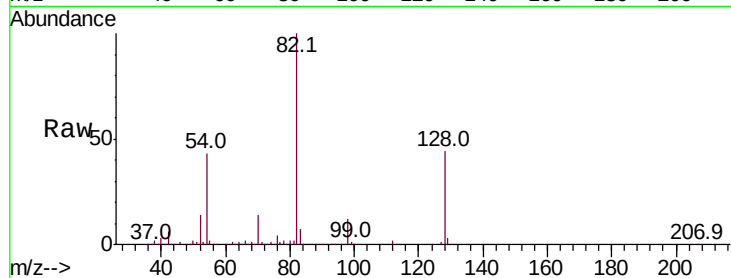




#23
 Nitrobenzene-d5
 Concen: 84.493 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

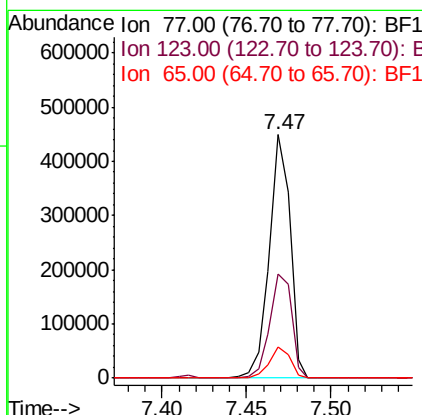
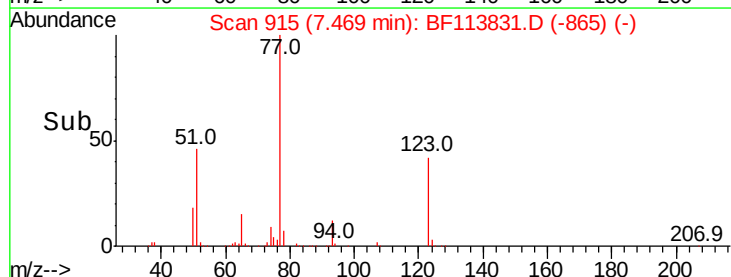
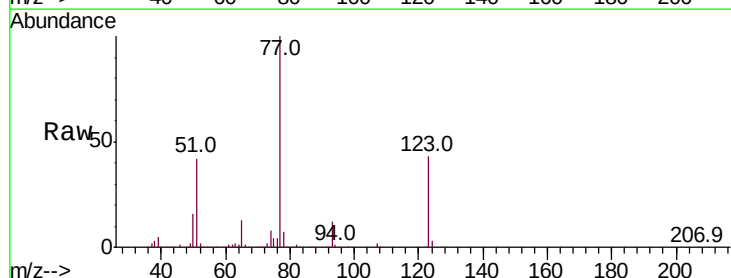
Instrument :
 BNA_F
 ClientSampleId :

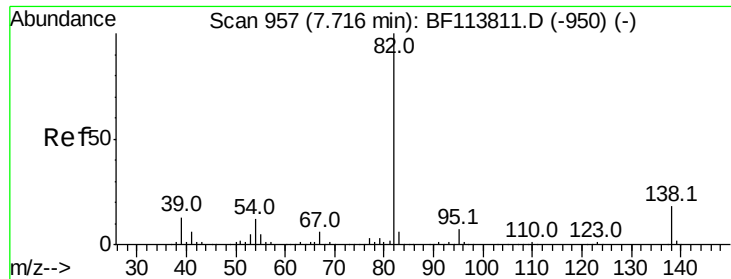
Tot Ion: 82 Resp: 821283
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.8 55.2
 54 43.1 33.8 50.6



#24
 Nitrobenzene
 Concen: 35.086 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Tgt Ion: 77 Resp: 383293
 Ion Ratio Lower Upper
 77 100
 123 42.7 36.3 54.5
 65 13.0 10.3 15.5

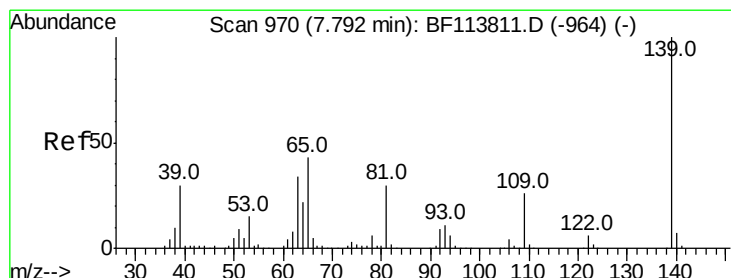
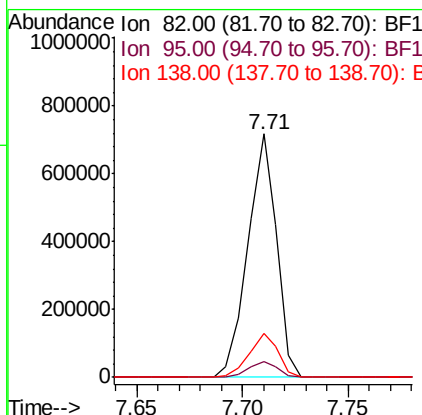
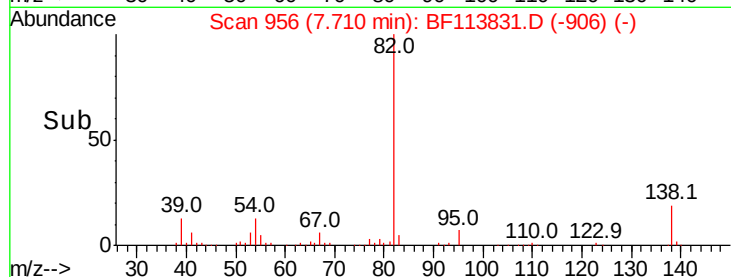
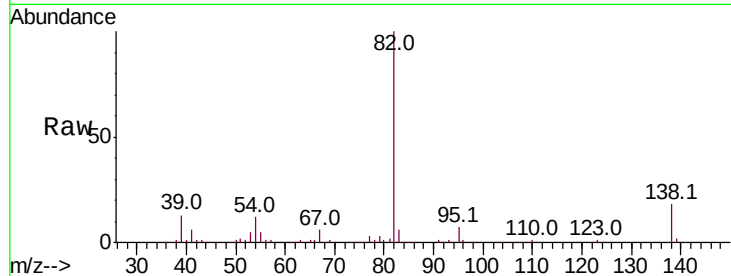




#25
Isophorone
Concen: 33.583 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

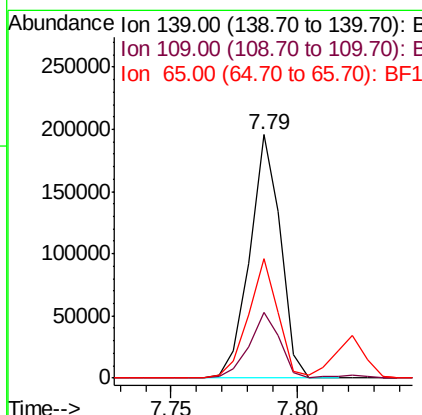
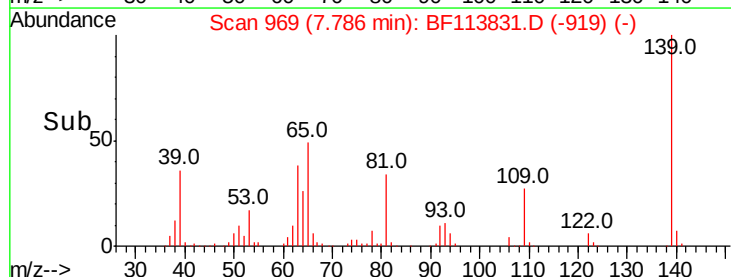
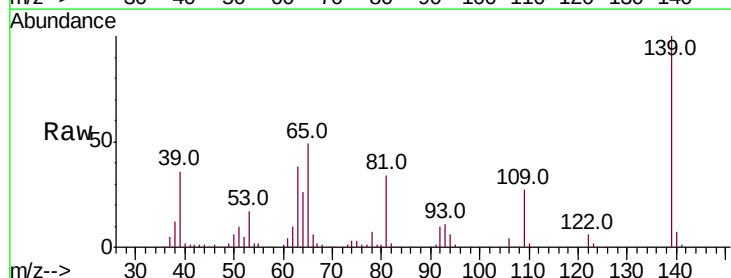
Instrument :
BNA_F
ClientSampled :

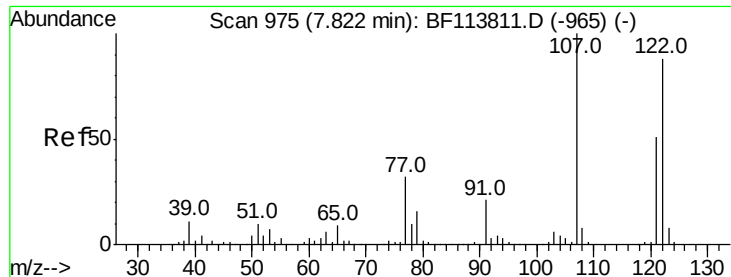
Tot Ion: 82 Resp: 675872
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 17.9 14.6 22.0



#26
2-Nitrophenol
Concen: 37.847 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion:139 Resp: 164254
Ion Ratio Lower Upper
139 100
109 27.0 20.6 31.0
65 48.9 34.6 52.0

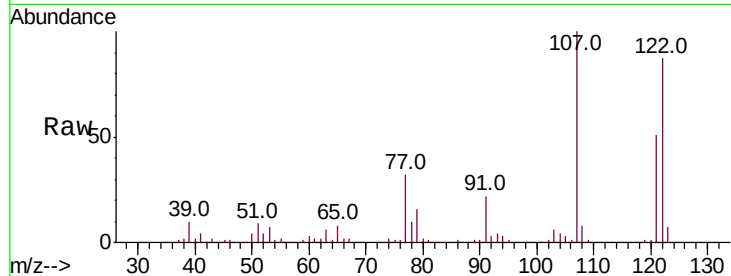




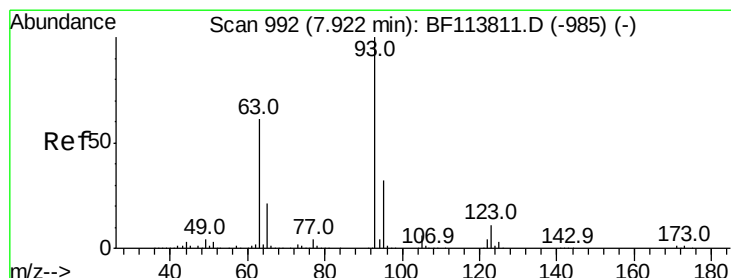
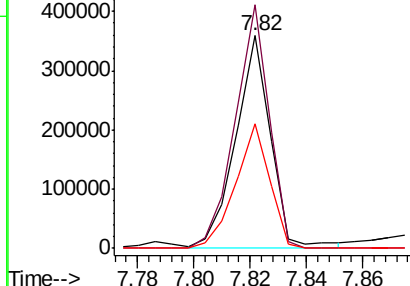
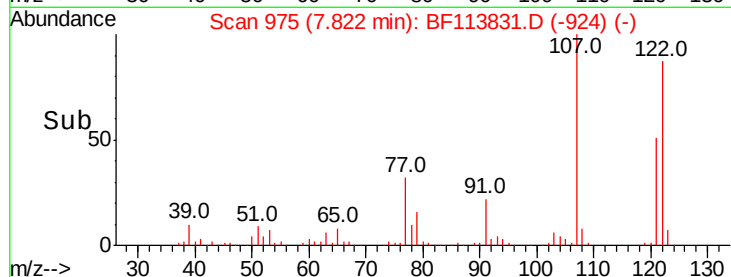
#27
 2,4-Dimethylphenol
 Concen: 37.549 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	91.2	136.8
121	58.6	46.4	69.6

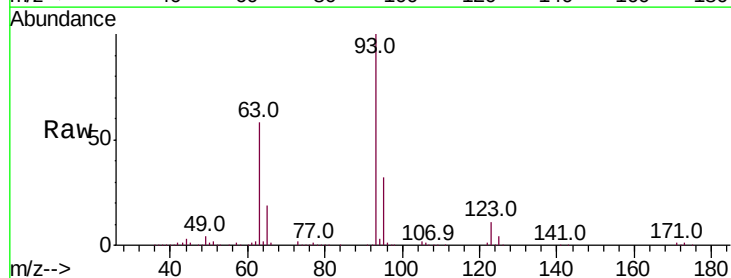


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

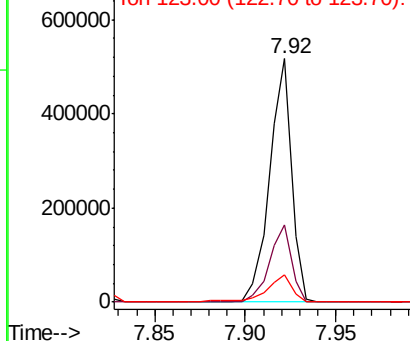
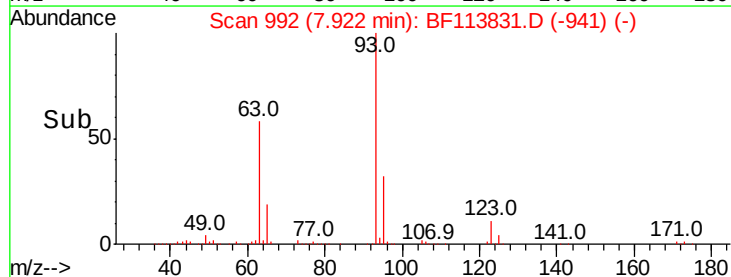


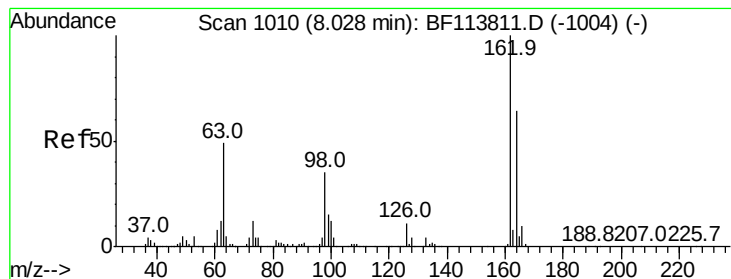
#28
 bis(2-Chloroethoxy)methane
 Concen: 33.917 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.8	38.6
123	11.5	9.0	13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 33.389 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

ClientSampleId :

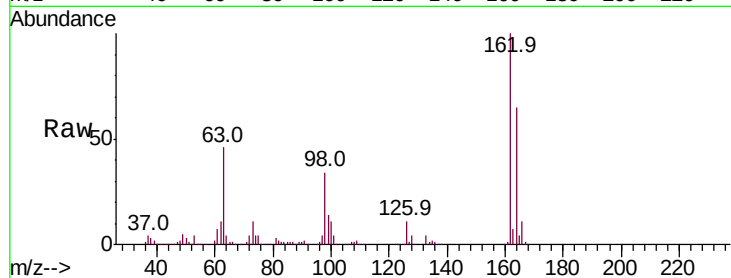
Tot Ion:162 Resp: 294786

Ion Ratio Lower Upper

162 100

164 64.8 43.7 83.7

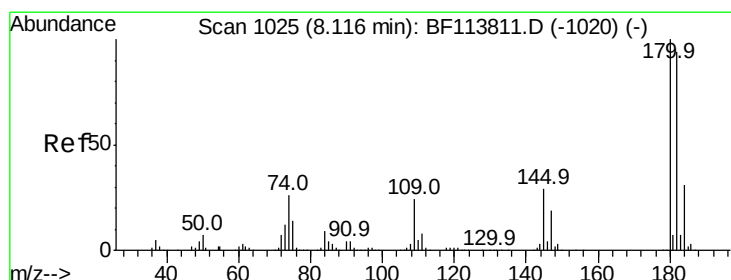
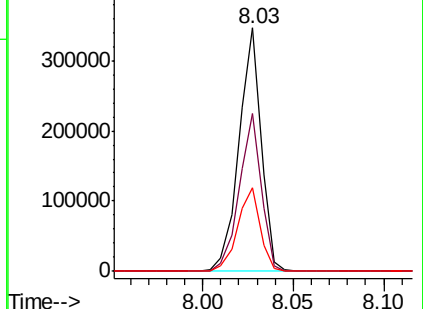
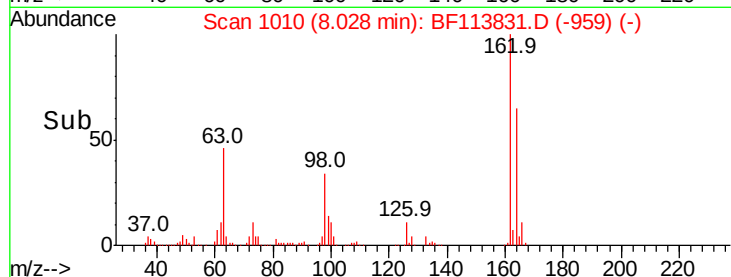
98 34.2 15.5 55.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 34.743 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

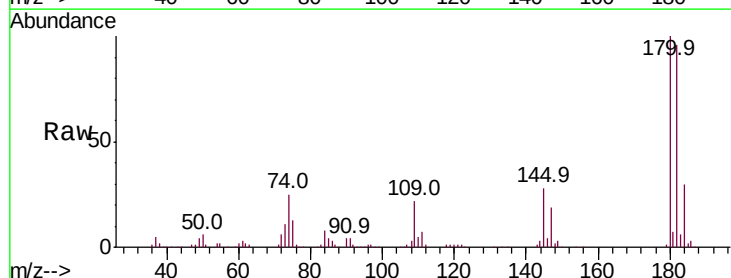
Tgt Ion:180 Resp: 340721

Ion Ratio Lower Upper

180 100

182 96.1 75.4 113.0

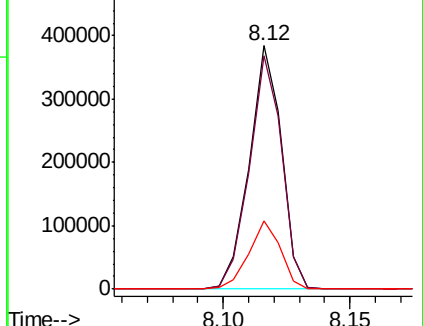
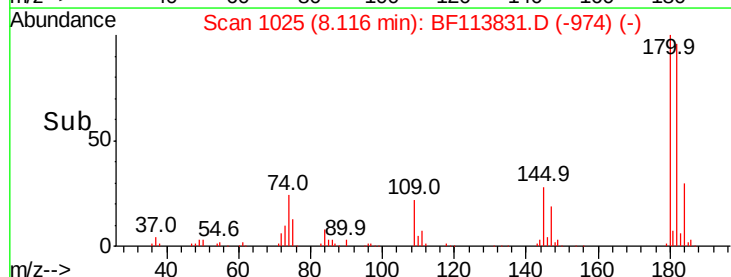
145 28.0 23.0 34.4

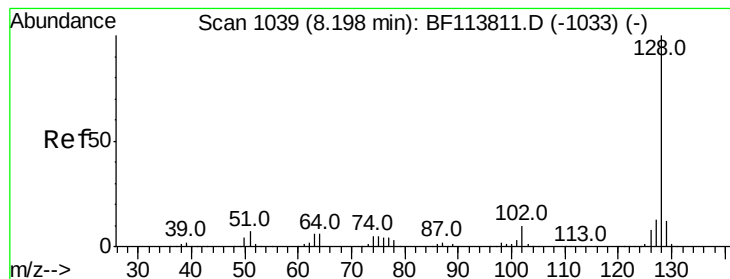


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.023 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

ClientSampleId :

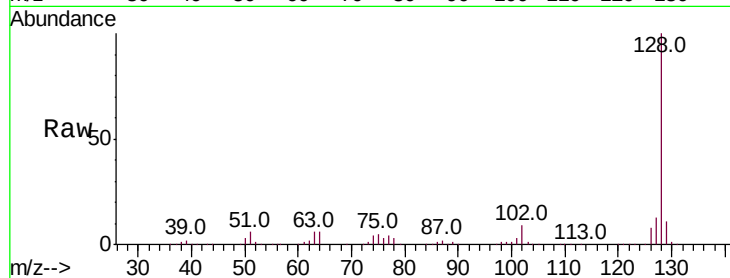
Tot Ion:128 Resp: 980582

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

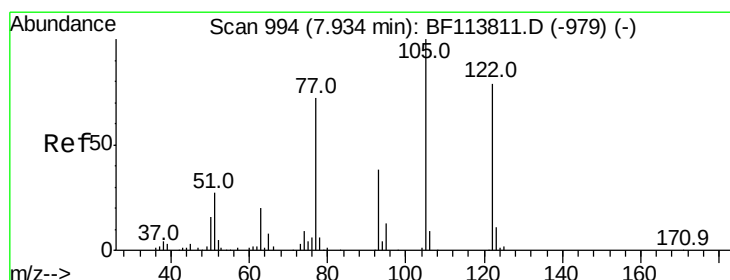
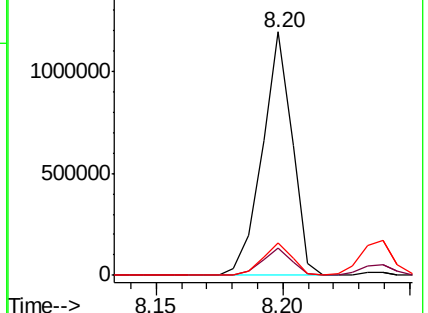
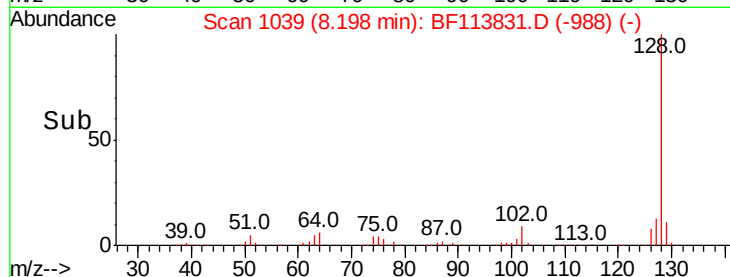
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.128 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

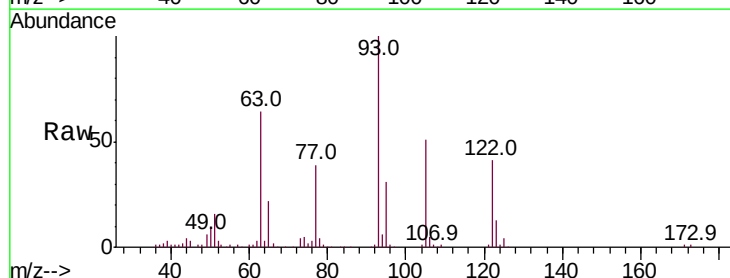
Tgt Ion:122 Resp: 132731

Ion Ratio Lower Upper

122 100

105 124.8 104.3 144.3

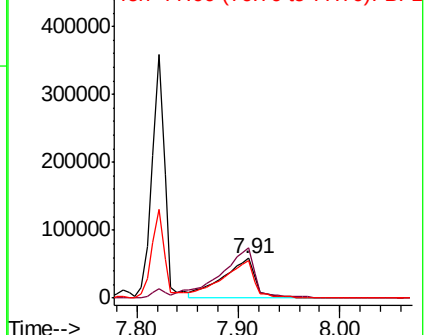
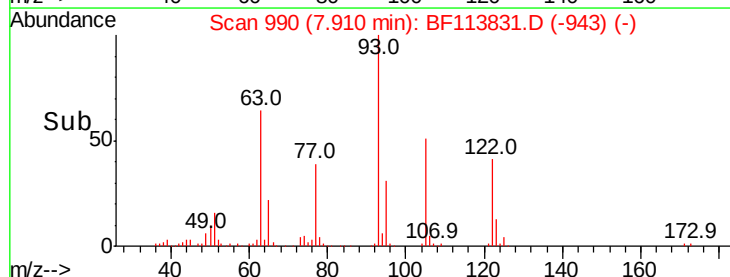
77 95.1 70.4 110.4

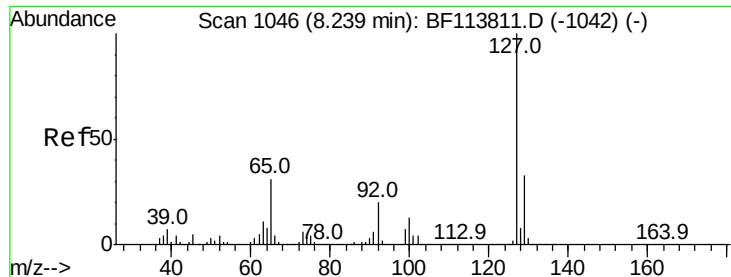


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

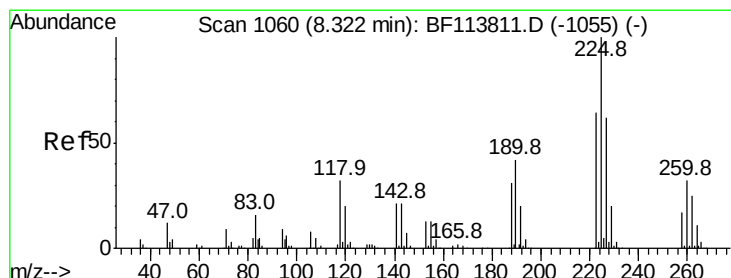
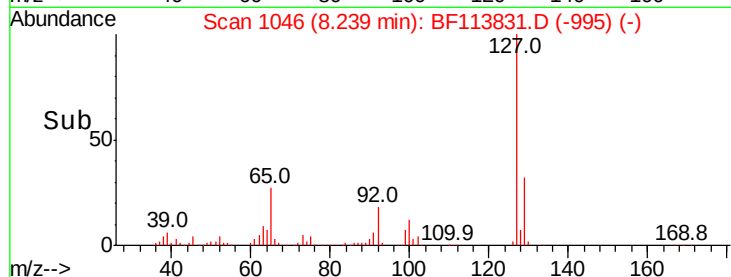
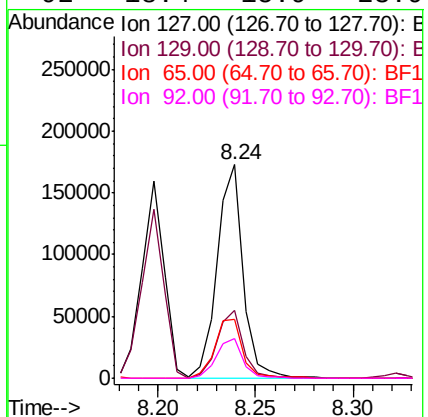
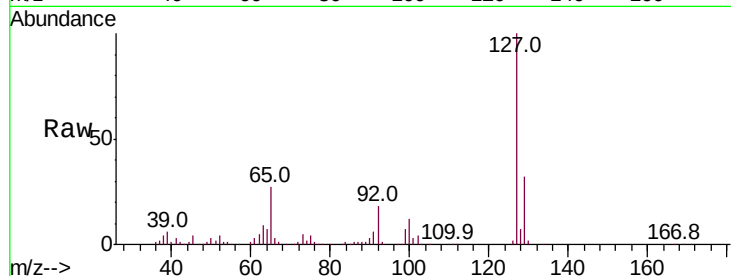




#33
4-Chloroaniline
Concen: 13.295 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

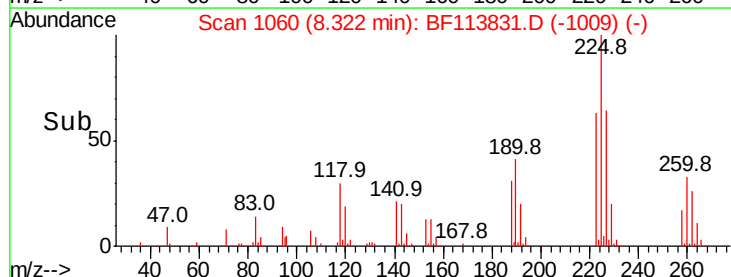
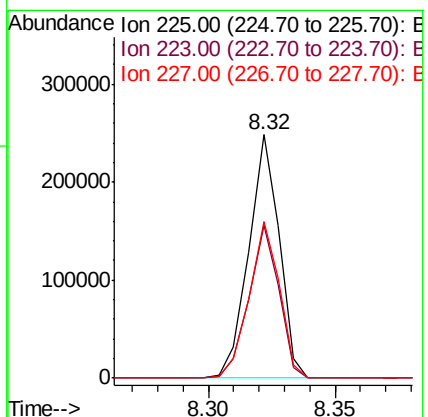
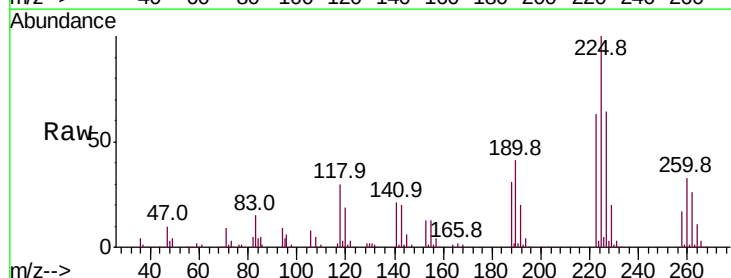
Instrument :
BNA_F
ClientSampleId :

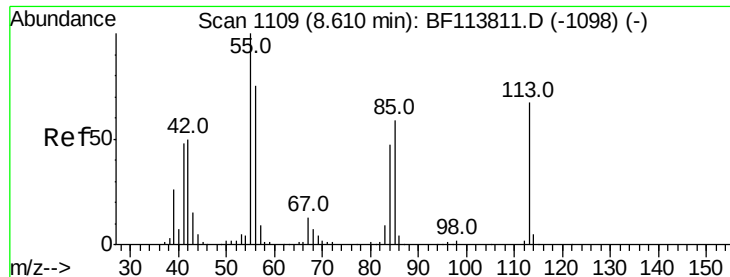
Tot Ion:	127	Resp:	157918
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.4	39.6
65	27.4	24.9	37.3
92	18.4	15.9	23.9



#34
Hexachlorobutadiene
Concen: 34.659 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion:	225	Resp:	207669
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.1	76.7
227	64.2	49.9	74.9

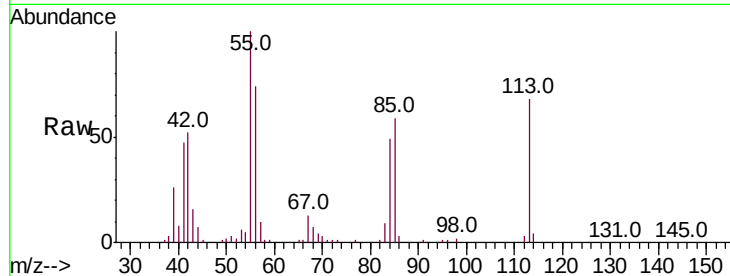




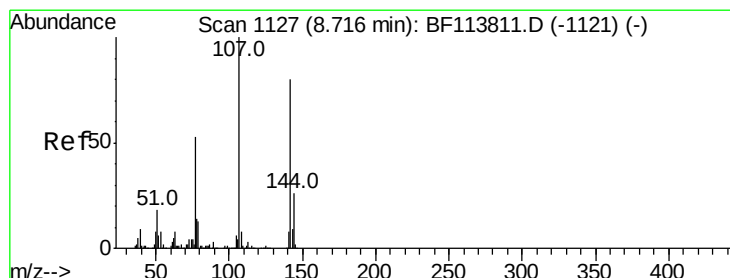
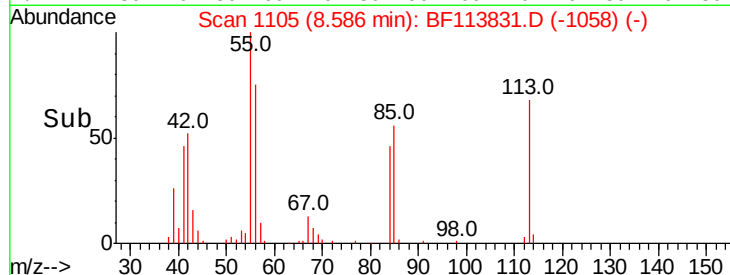
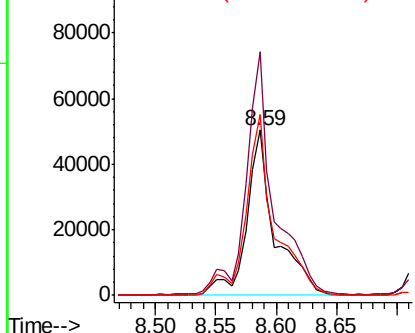
#35
 Caprolactam
 Concen: 28.848 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.02 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 82218
 Ion Ratio Lower Upper
 113 100
 55 147.2 128.6 168.6
 56 109.4 91.9 131.9

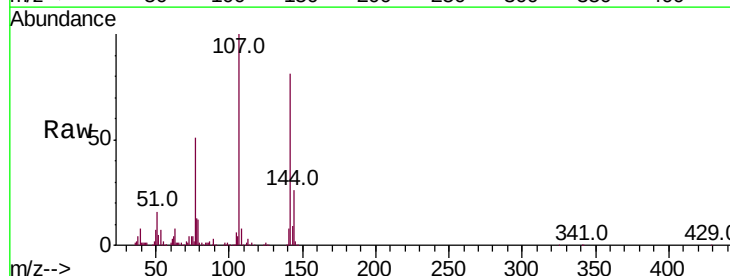


Abundance Ion 113.00 (112.70 to 113.70): E
 100000 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

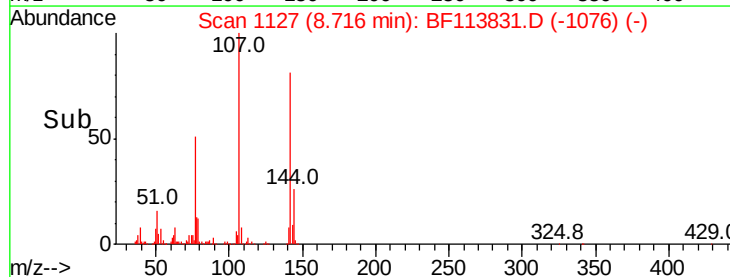
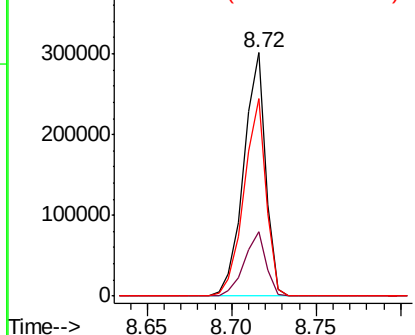


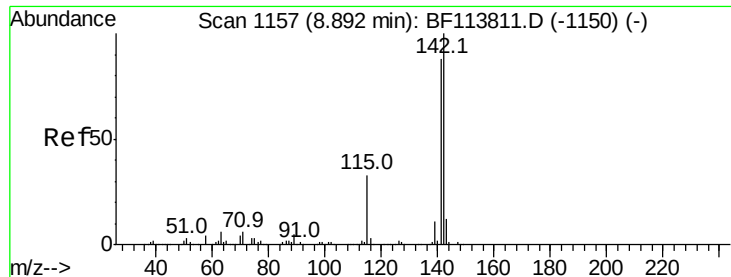
#36
 4-Chloro-3-methylphenol
 Concen: 31.401 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Tgt Ion:107 Resp: 274900
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.5 30.7
 142 80.9 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E
 400000 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

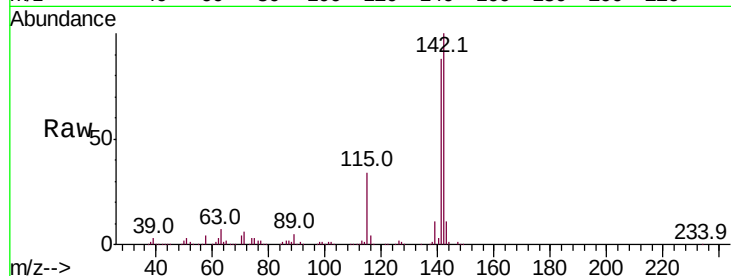




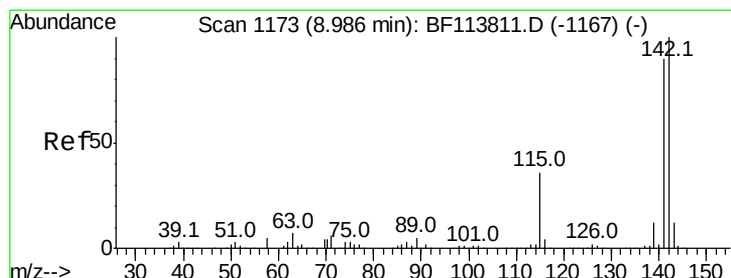
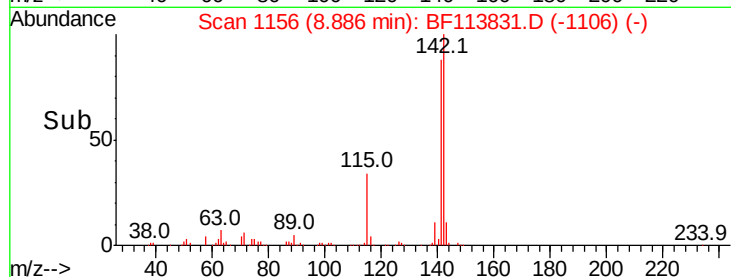
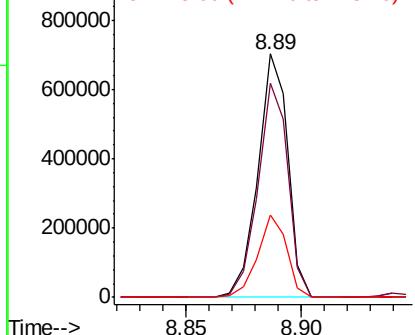
#37
2-Methylnaphthalene
Concen: 34.242 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 636094
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6
115 33.8 26.3 39.5

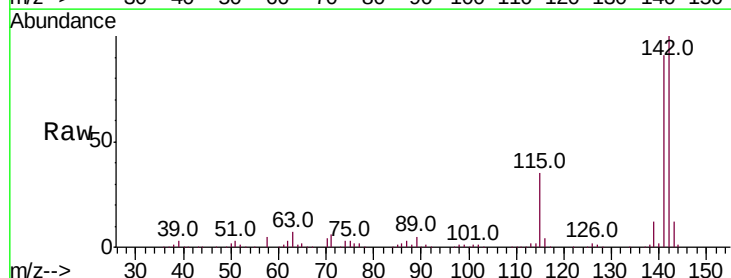


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

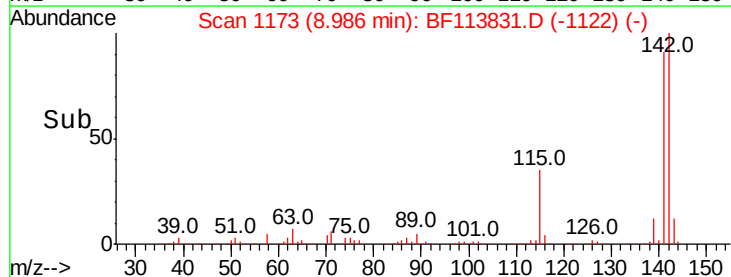
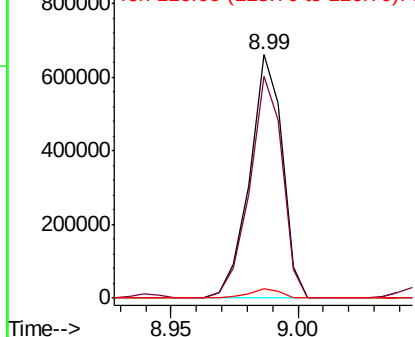


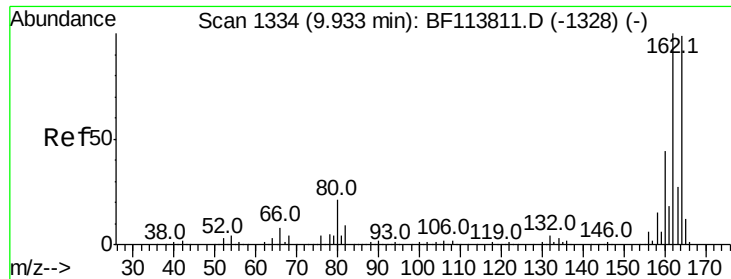
#38
1-Methylnaphthalene
Concen: 33.036 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion:142 Resp: 595492
Ion Ratio Lower Upper
142 100
141 91.1 72.3 108.5
116 3.8 3.0 4.4



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

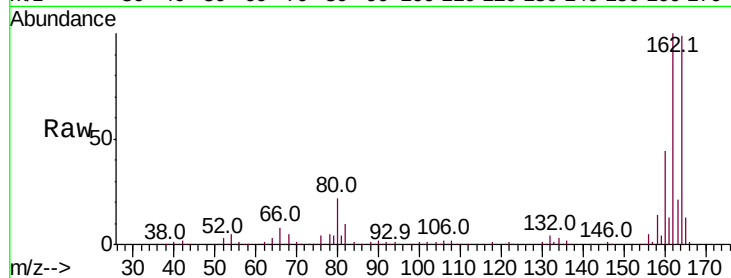




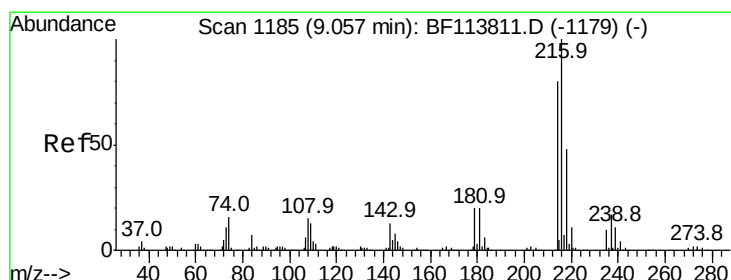
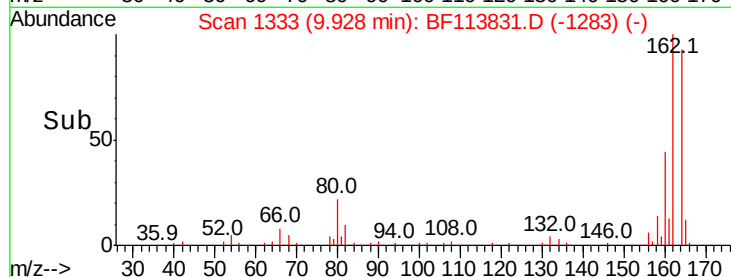
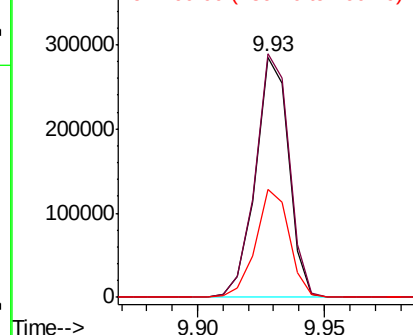
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 260902
Ion Ratio Lower Upper
164 100
162 101.4 81.1 121.7
160 44.8 35.8 53.6

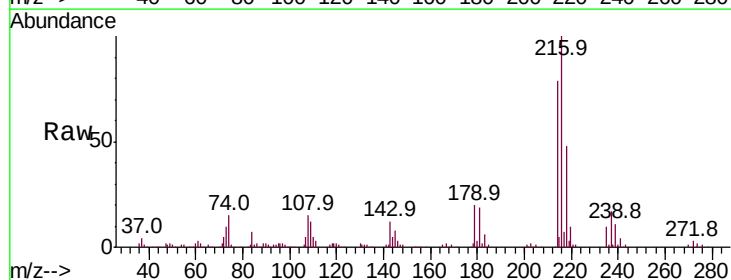


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

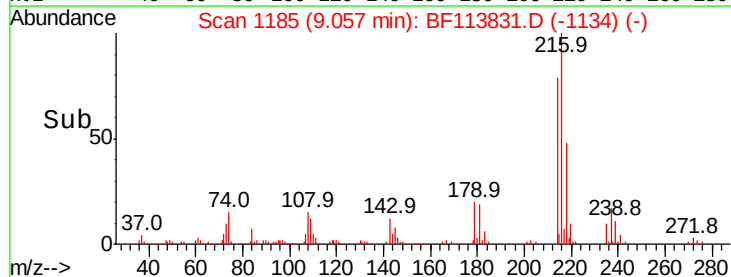
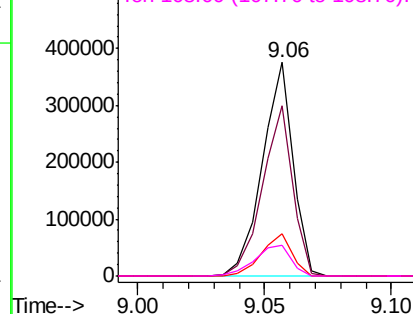


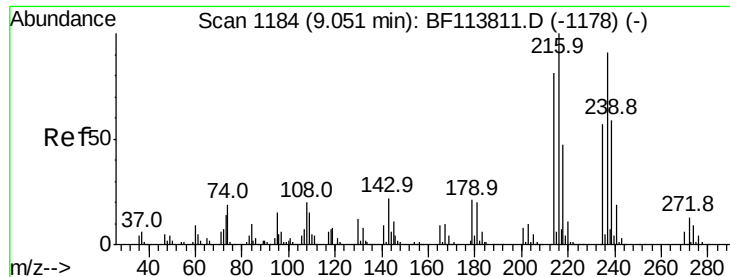
#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.408 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion:216 Resp: 318007
Ion Ratio Lower Upper
216 100
214 78.7 63.5 95.3
179 20.0 16.1 24.1
108 17.2 13.4 20.0



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





#41

Hexachlorocyclopentadiene

Concen: 52.938 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

ClientSampleId :

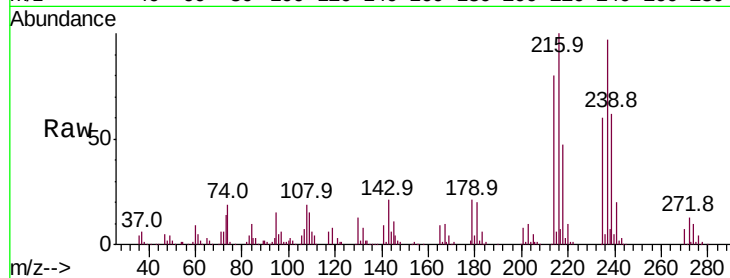
Tot Ion:237 Resp: 240947

Ion Ratio Lower Upper

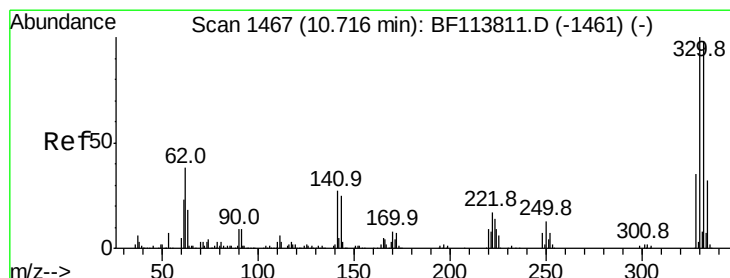
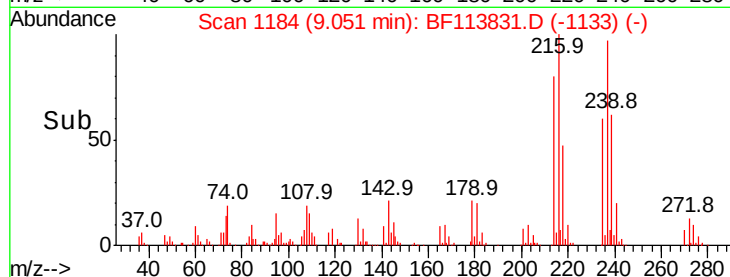
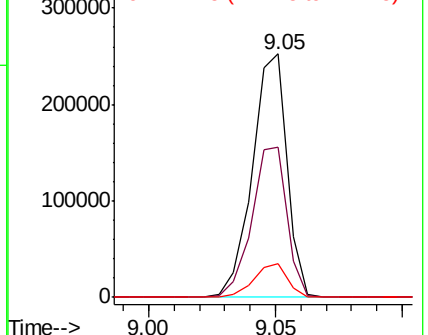
237 100

235 61.8 42.6 82.6

272 13.9 0.0 33.8



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



#42

2,4,6-Tribromophenol

Concen: 119.403 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

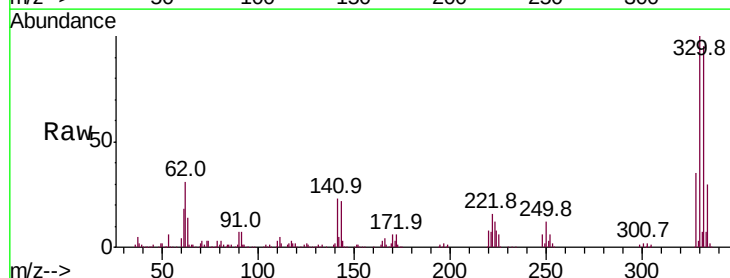
Tgt Ion:330 Resp: 344178

Ion Ratio Lower Upper

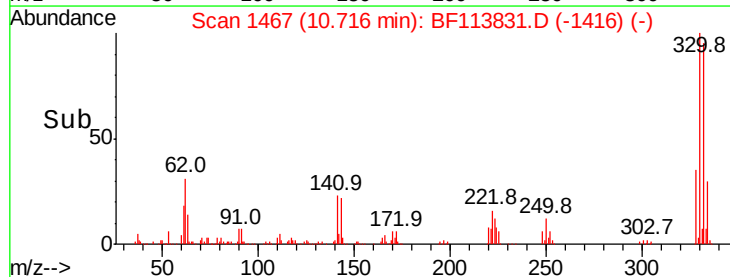
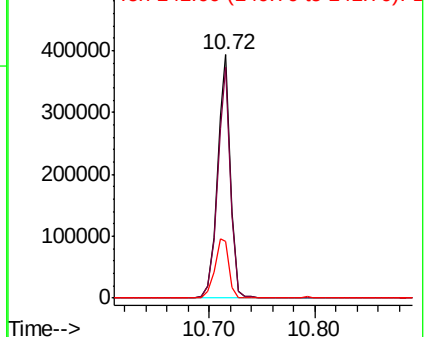
330 100

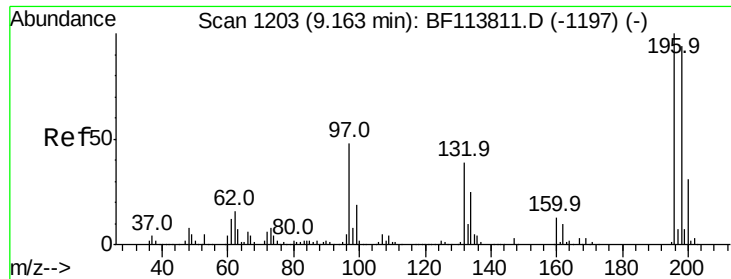
332 94.7 77.5 116.3

141 27.0 22.2 33.2



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

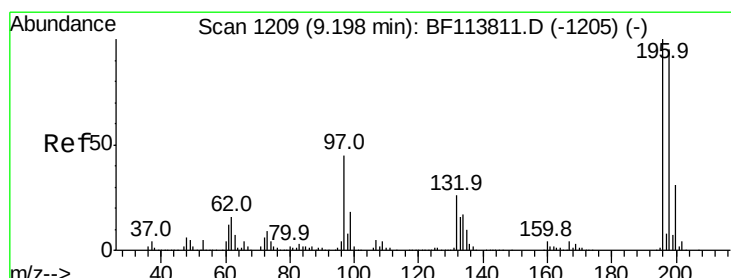
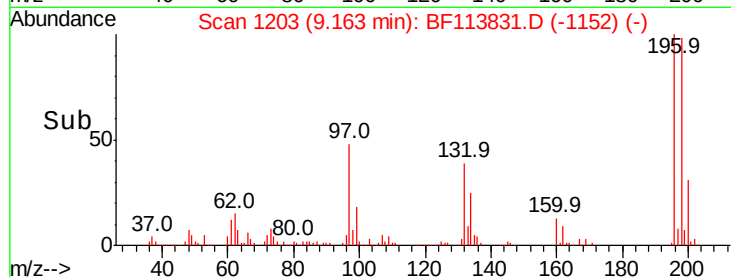
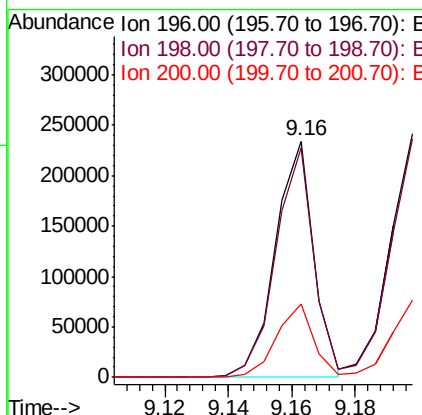
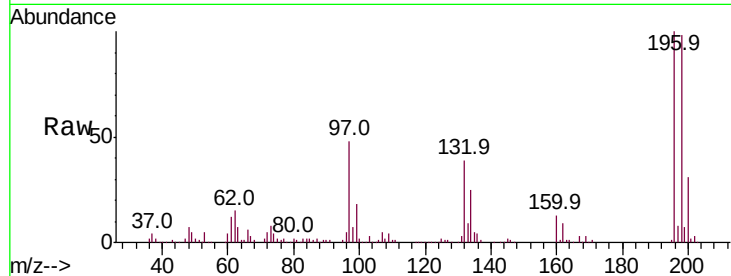




#43
 2,4,6-Trichlorophenol
 Concen: 37.190 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

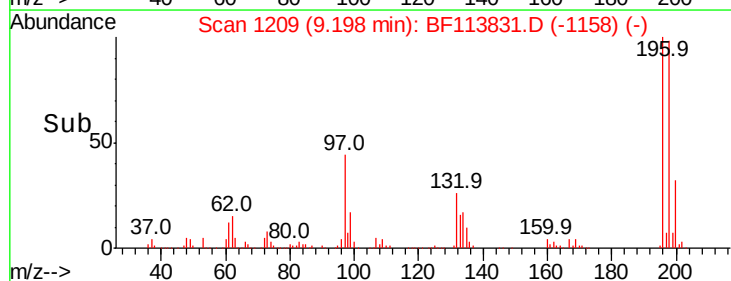
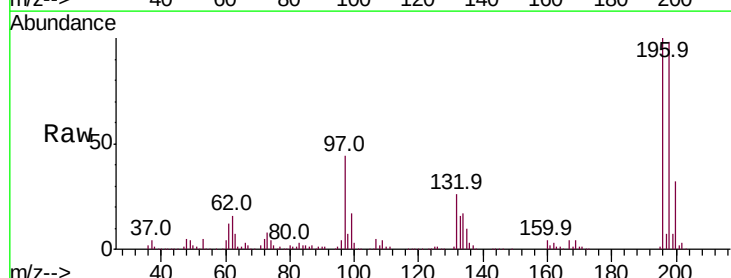
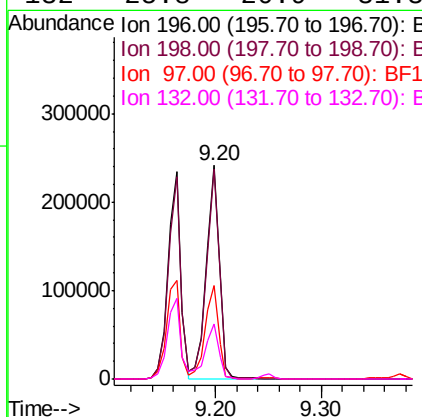
Instrument :
 BNA_F
 ClientSampleId :

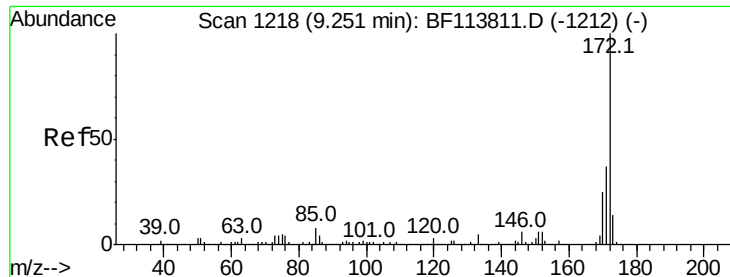
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	75.6	113.4
200	31.0	24.7	37.1



#44
 2,4,5-Trichlorophenol
 Concen: 36.307 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	76.2	114.4
97	43.6	35.8	53.8
132	25.8	20.9	31.3

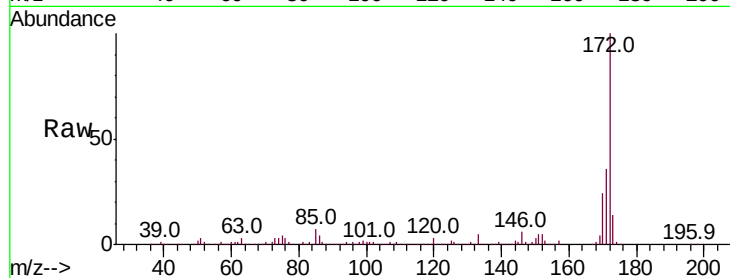




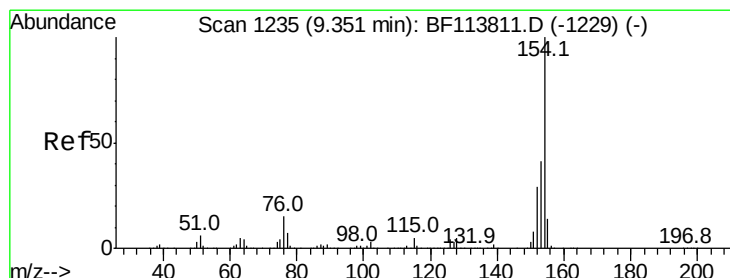
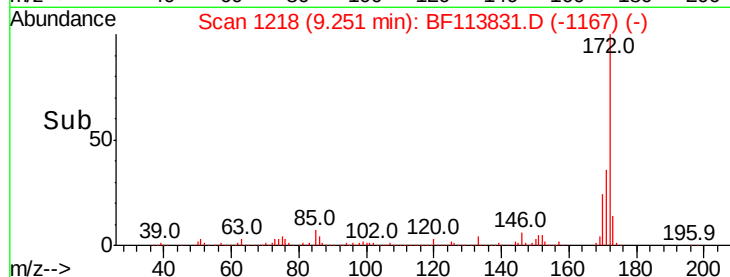
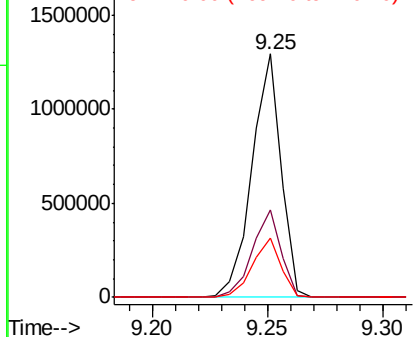
#45
2-Fluorobiphenyl
Concen: 66.697 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1141040
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 24.2 19.9 29.9

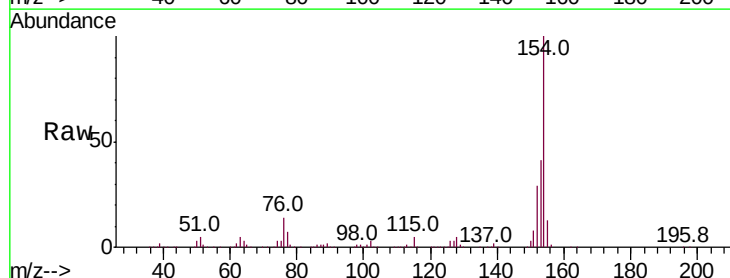


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

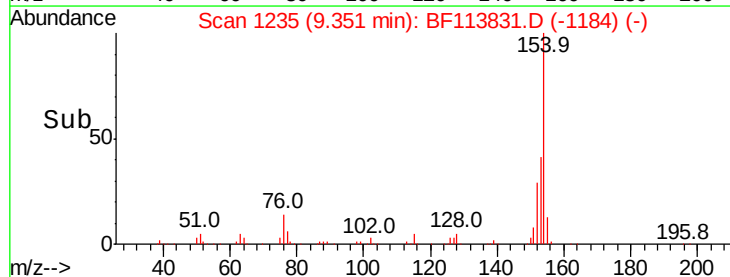
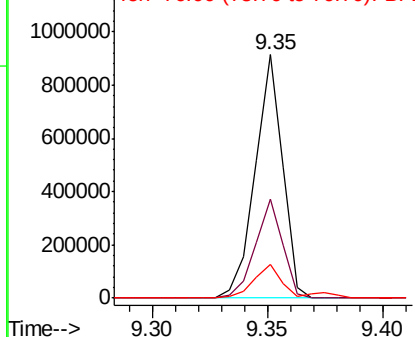


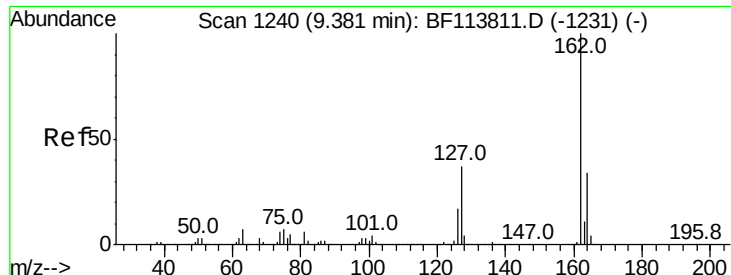
#46
1,1'-Biphenyl
Concen: 38.531 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion:154 Resp: 760705
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 13.7 0.0 35.2



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

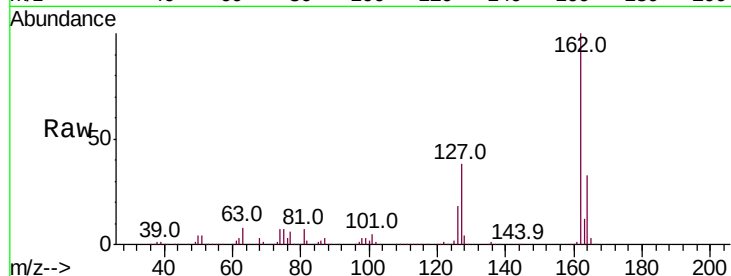




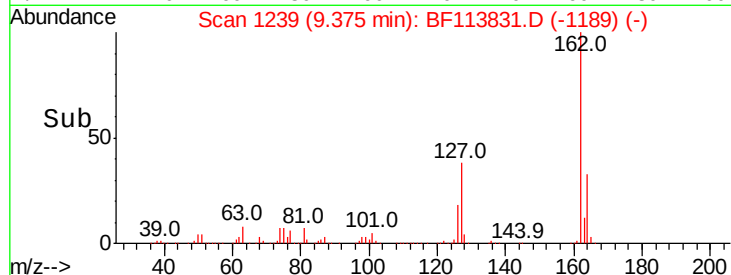
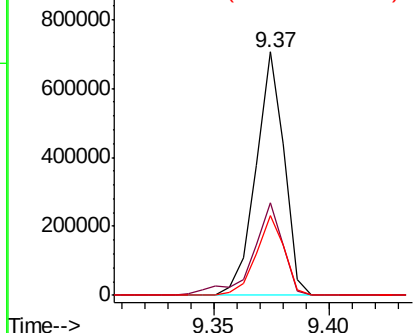
#47
 2-Chloronaphthalene
 Concen: 37.107 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	29.3	43.9
164	32.9	27.1	40.7

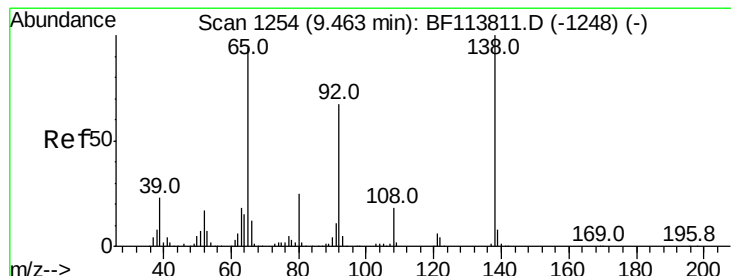


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

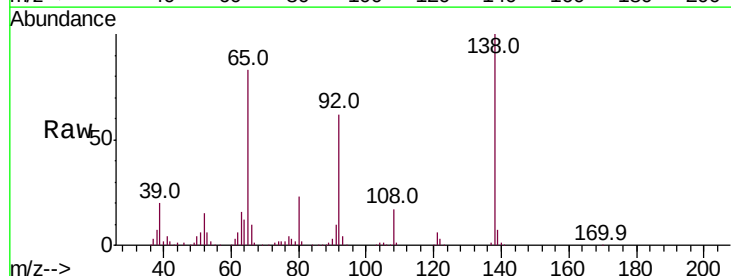
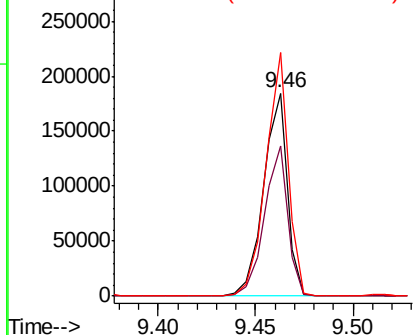


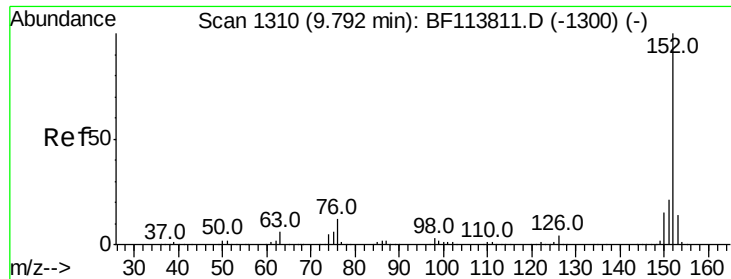
#48
 2-Nitroaniline
 Concen: 37.050 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	57.4	86.0
138	119.9	85.4	128.0



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: 35.303 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

ClientSampleId :

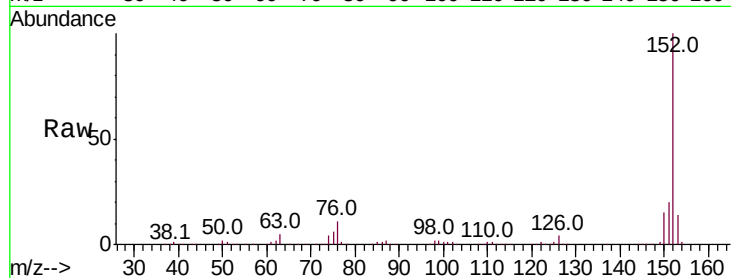
Tot Ion:152 Resp: 892380

Ion Ratio Lower Upper

152 100

151 20.3 17.0 25.4

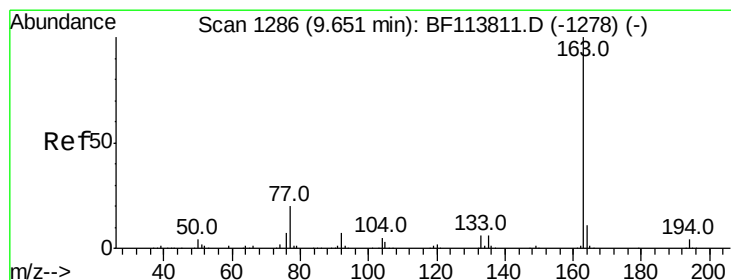
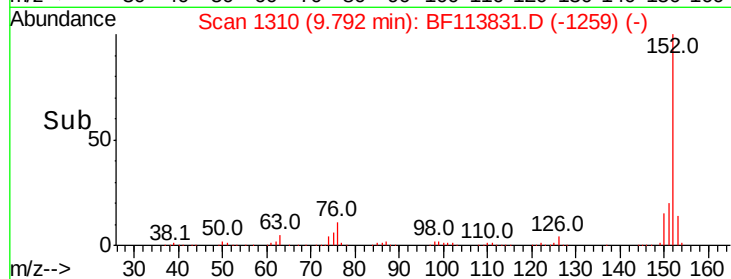
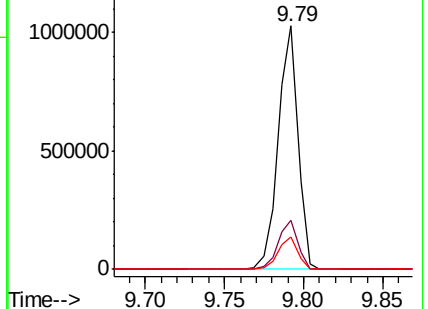
153 13.5 11.0 16.6



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: 45.825 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

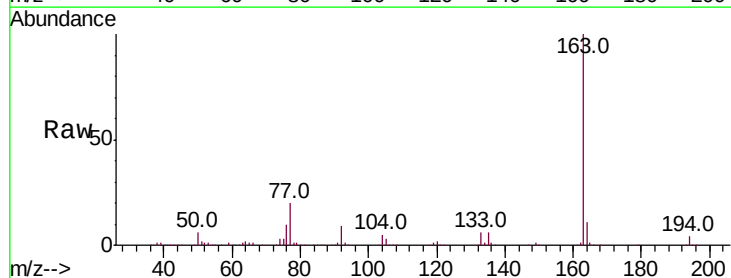
Tgt Ion:163 Resp: 836690

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

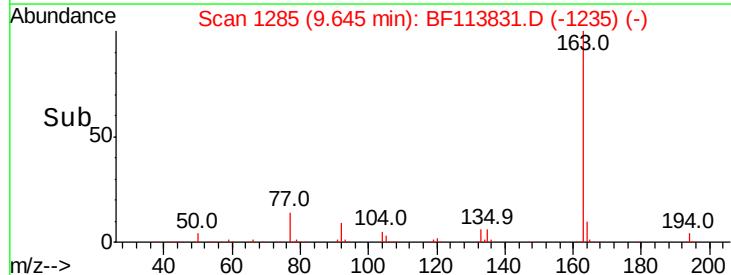
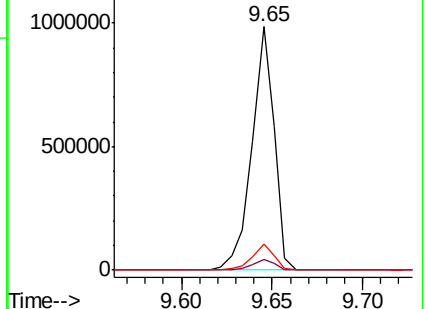
164 10.6 8.5 12.7

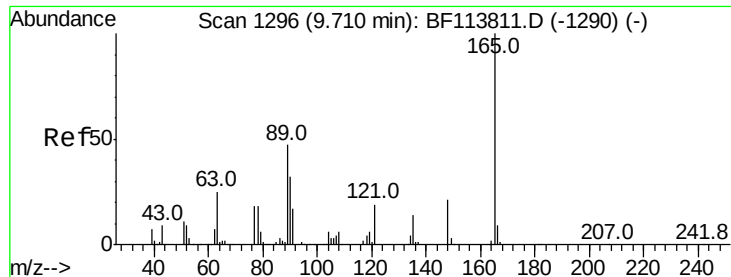


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

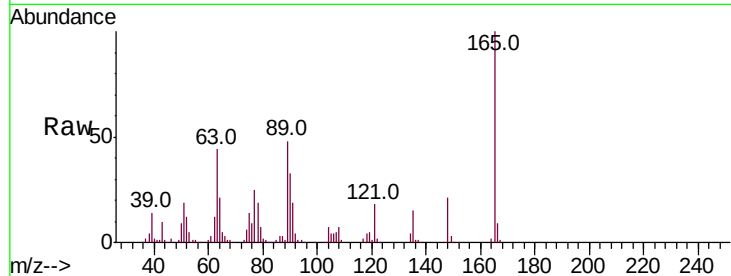




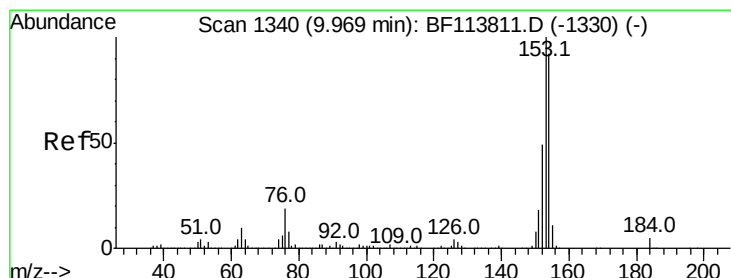
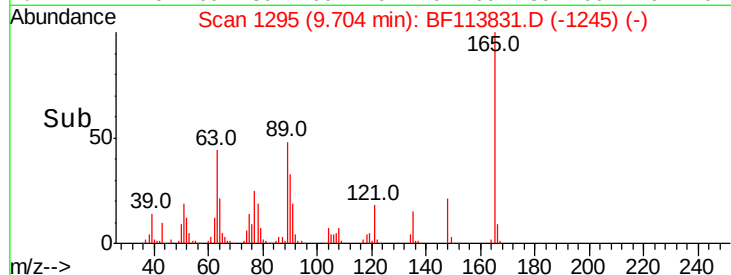
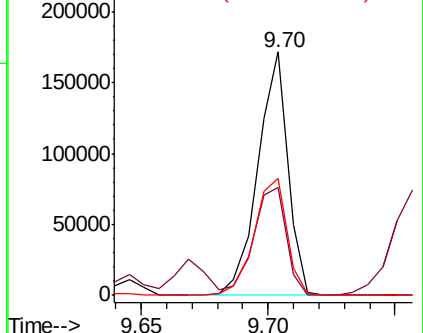
#51
 2,6-Dinitrotoluene
 Concen: 35.337 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.4	33.8	50.8
89	48.0	38.2	57.2

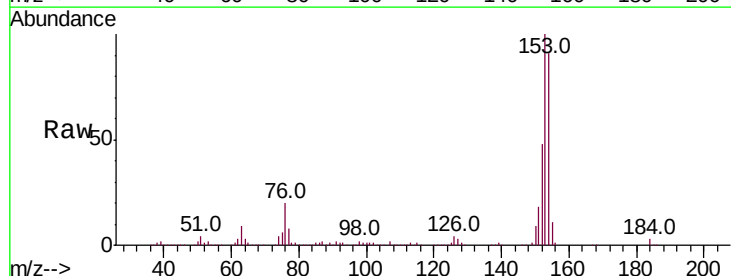


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

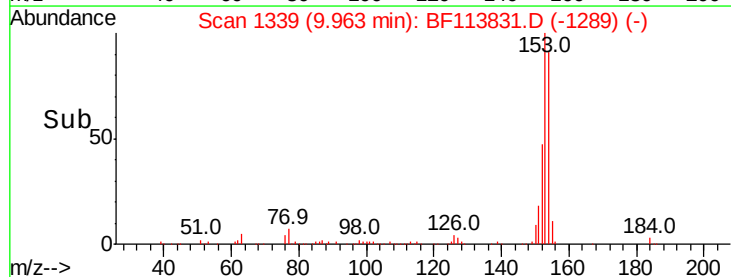
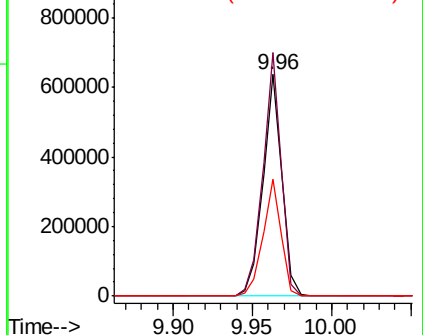


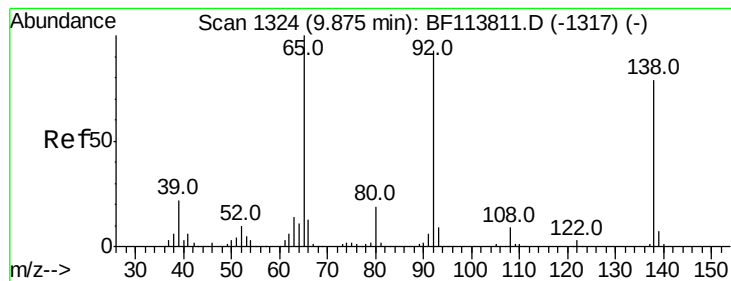
#52
 Acenaphthene
 Concen: 36.023 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.1	87.2	130.8
152	52.7	42.3	63.5



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: 21.791 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

ClientSampleId :

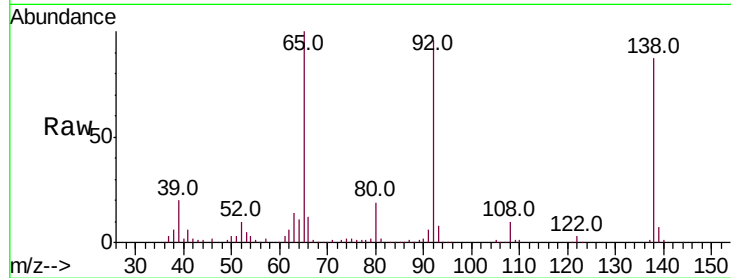
Tot Ion:138 Resp: 92979

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.2

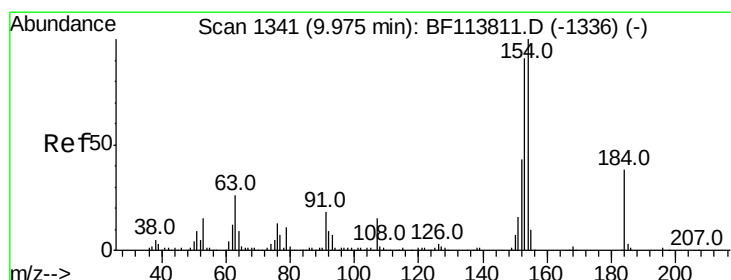
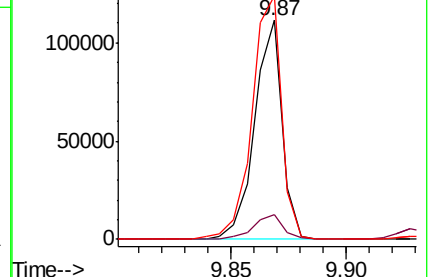
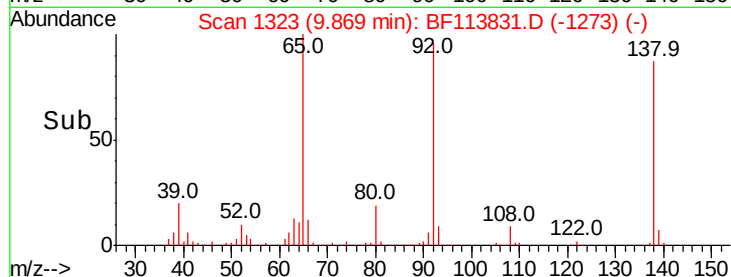
92 111.3 94.1 141.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 42.144 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

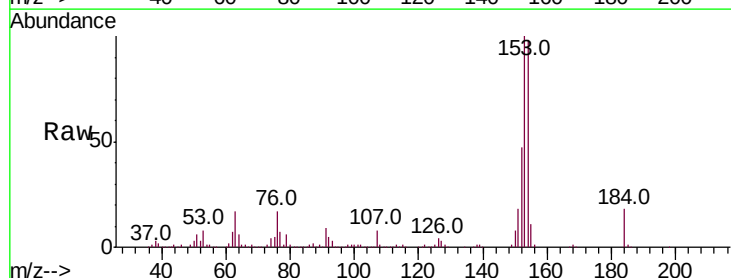
Tgt Ion:184 Resp: 55586

Ion Ratio Lower Upper

184 100

63 93.0 54.6 81.8#

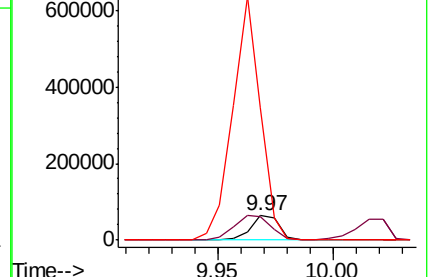
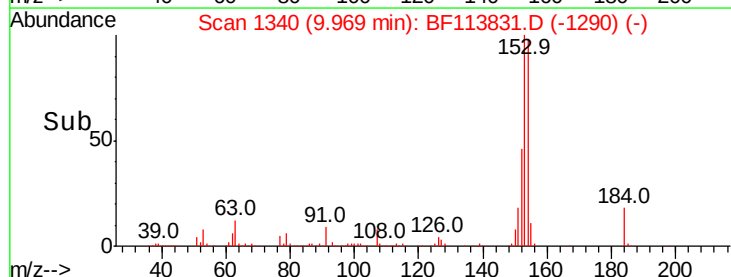
154 537.9 218.6 328.0#

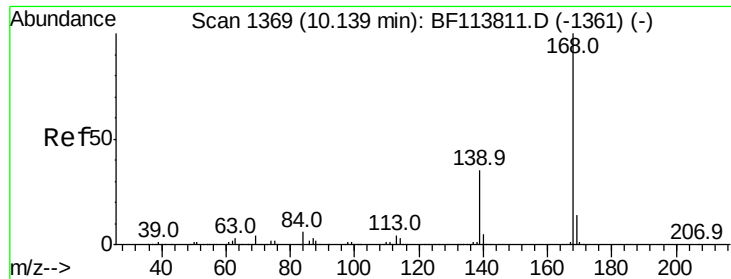


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

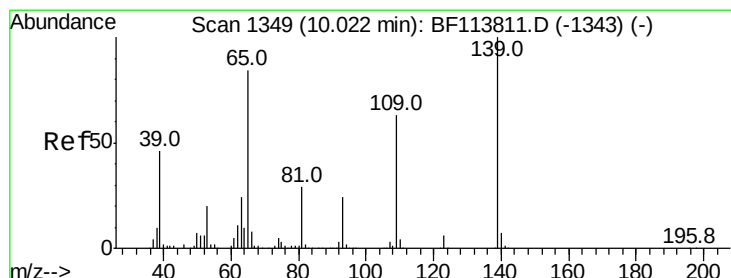
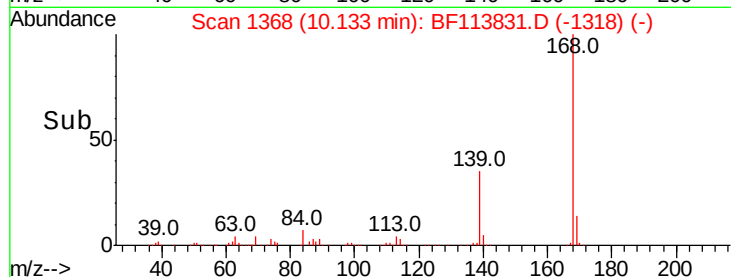
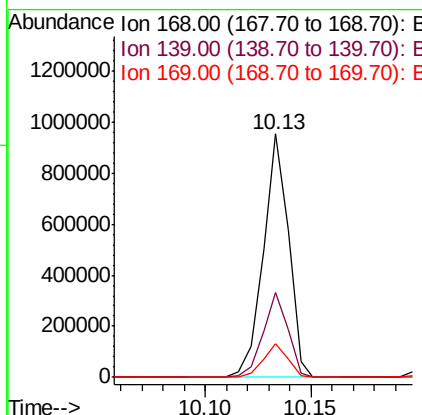
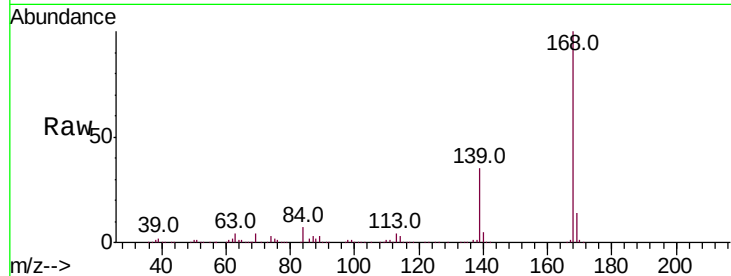




#55
Dibenzofuran
Concen: 35.660 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

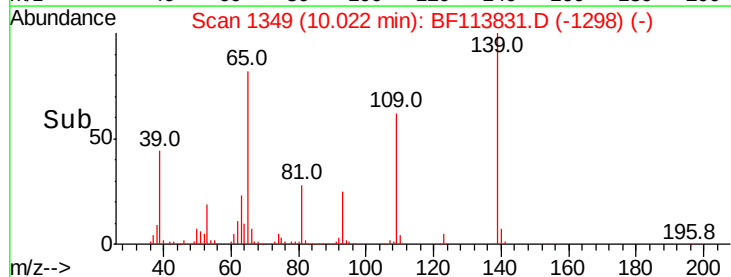
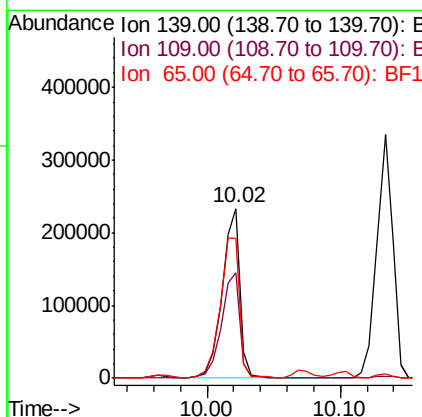
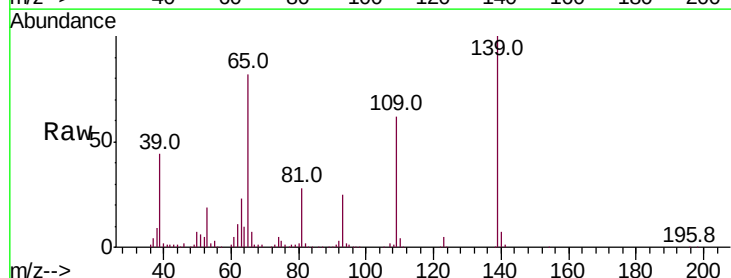
Instrument :
BNA_F
ClientSampleId :

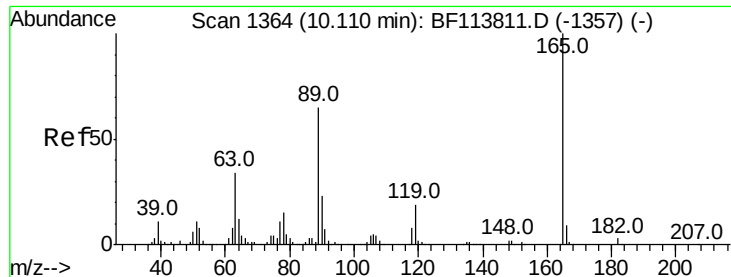
Tot Ion:168 Resp: 792046
Ion Ratio Lower Upper
168 100
139 35.1 27.8 41.6
169 13.7 11.0 16.6



#56
4-Nitrophenol
Concen: 63.090 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion:139 Resp: 219069
Ion Ratio Lower Upper
139 100
109 62.2 42.9 82.9
65 82.5 64.4 104.4





#57

2,4-Dinitrotoluene

Concen: 34.733 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 173639

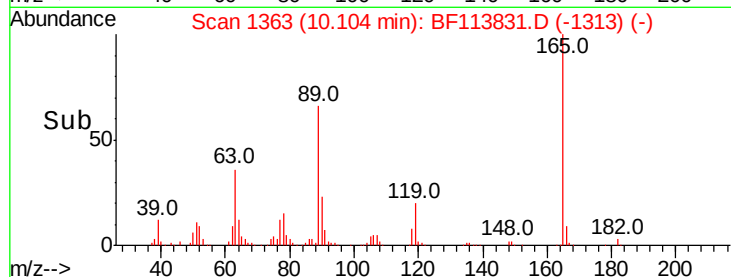
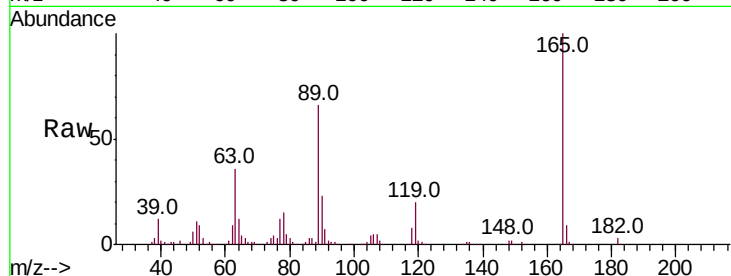
Ion Ratio Lower Upper

165 100

63 35.7 27.4 41.0

89 65.7 51.8 77.6

182 2.8 2.2 3.2

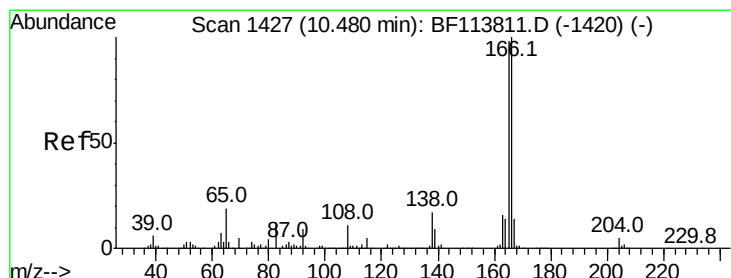
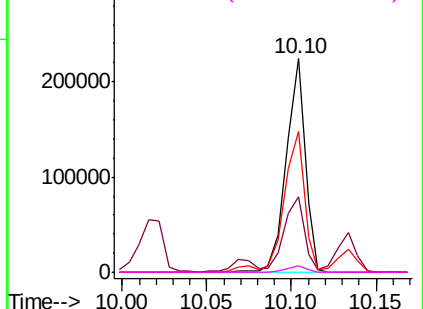


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 34.626 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

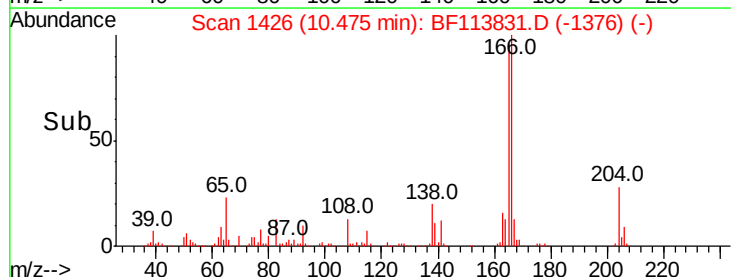
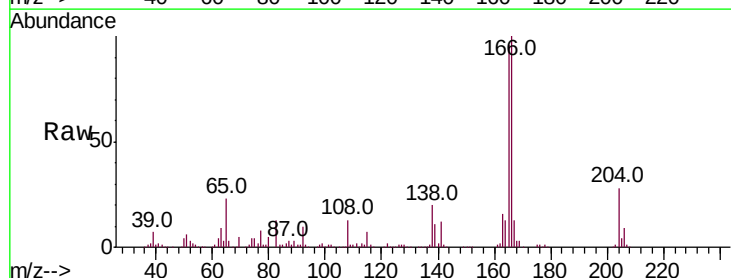
Tgt Ion:166 Resp: 573705

Ion Ratio Lower Upper

166 100

165 96.1 78.4 117.6

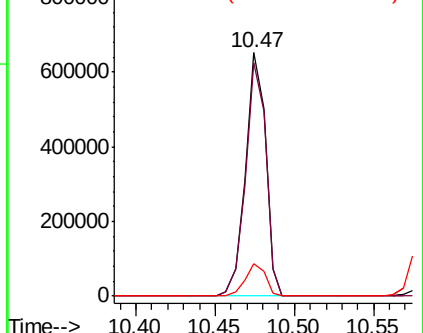
167 13.4 10.9 16.3

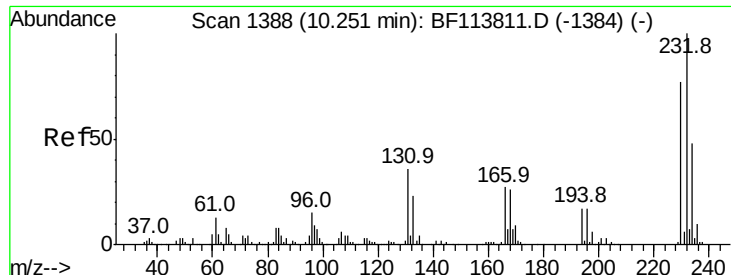


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 34.017 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 166951

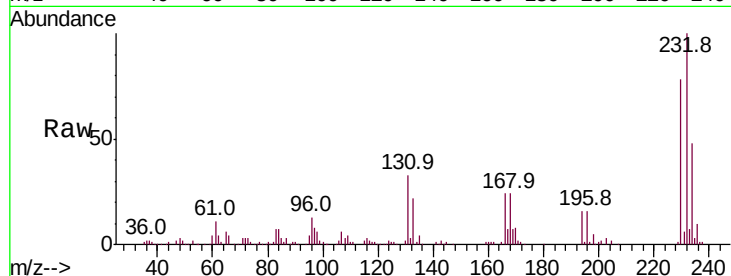
Ion Ratio Lower Upper

232 100

131 39.6 30.2 45.2

130 1.9 1.5 2.3

166 27.8 22.2 33.4

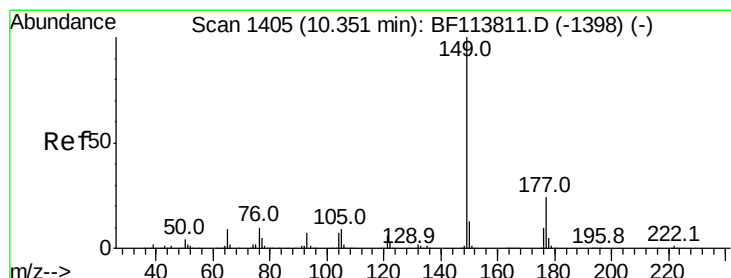
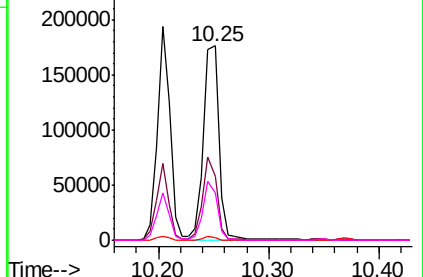
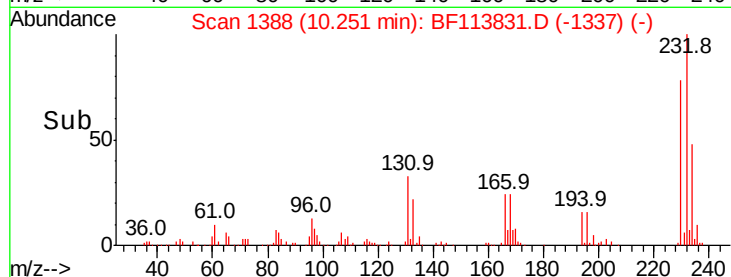


Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.461 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

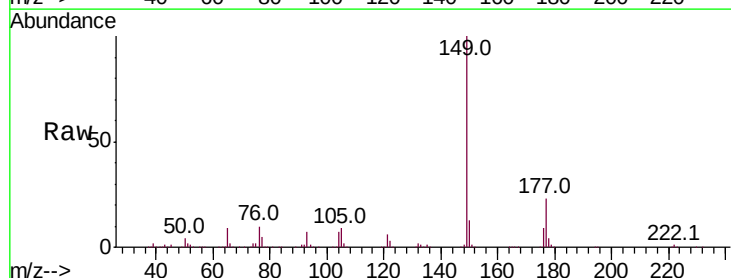
Tgt Ion:149 Resp: 620535

Ion Ratio Lower Upper

149 100

177 23.3 19.2 28.8

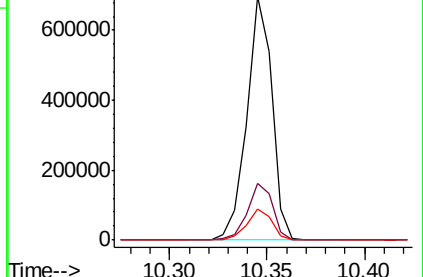
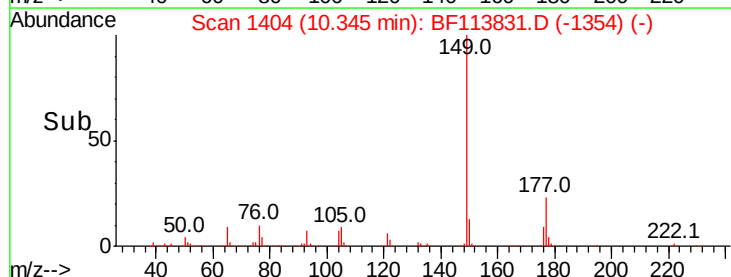
150 12.9 10.3 15.5

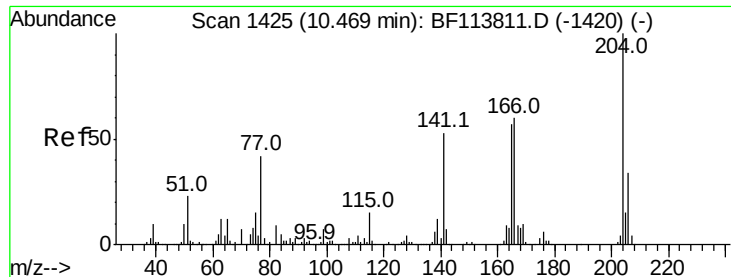


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

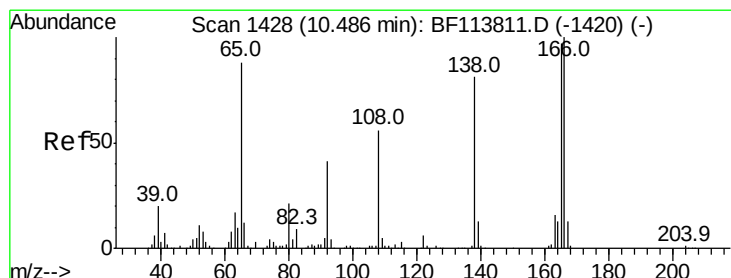
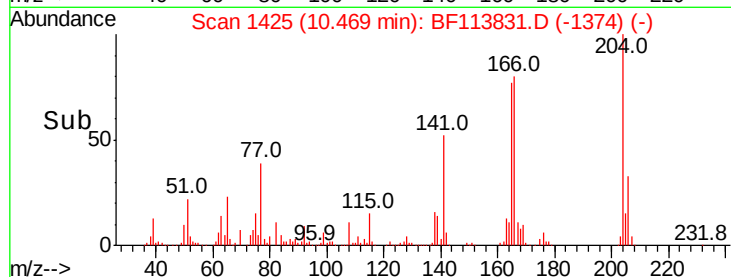
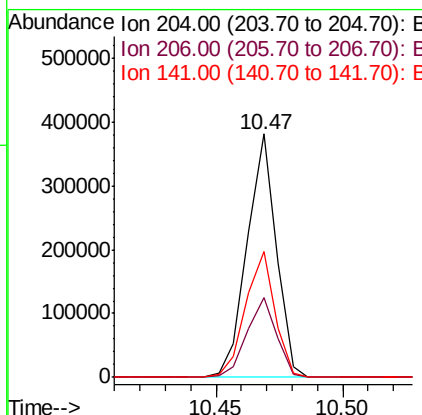
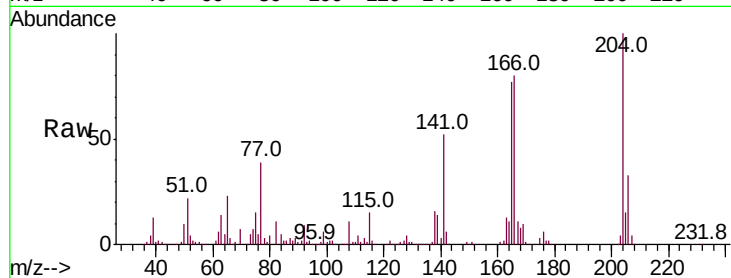




#61
4-Chlorophenyl-phenylether
Concen: 35.978 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

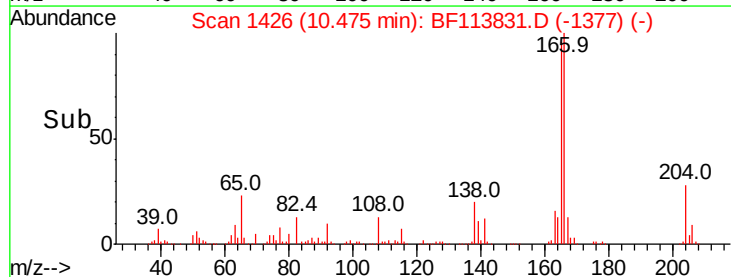
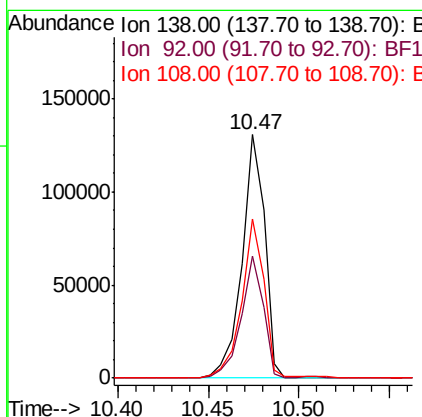
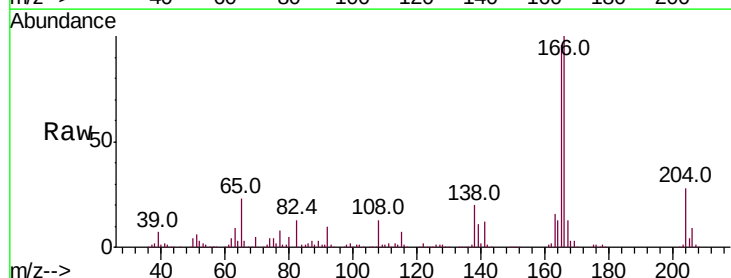
Instrument :
BNA_F
ClientSampled :

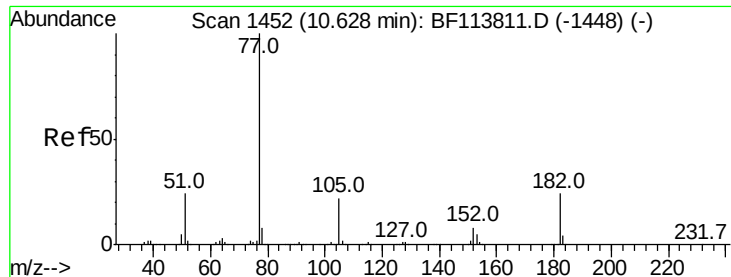
Tot Ion:204 Resp: 305259
Ion Ratio Lower Upper
204 100
206 33.0 27.4 41.2
141 51.5 42.6 63.8



#62
4-Nitroaniline
Concen: 27.679 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion:138 Resp: 113604
Ion Ratio Lower Upper
138 100
92 50.0 31.3 71.3
108 65.3 48.9 88.9





#63

Azobenzene

Concen: 32.446 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 583440

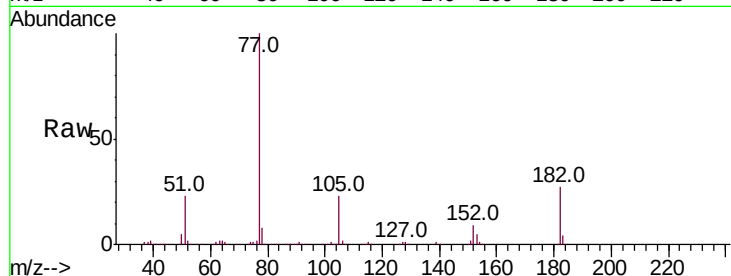
Ion Ratio Lower Upper

77 100

182 26.7 4.4 44.4

105 22.5 2.2 42.2

51 23.2 3.9 43.9

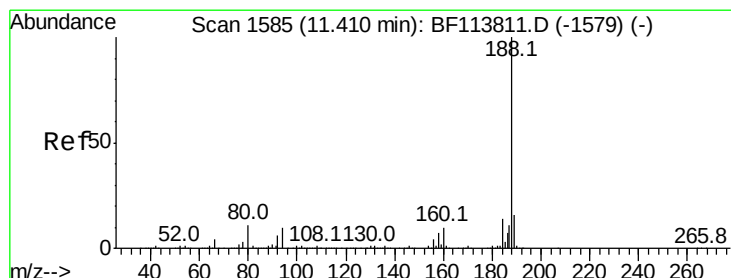
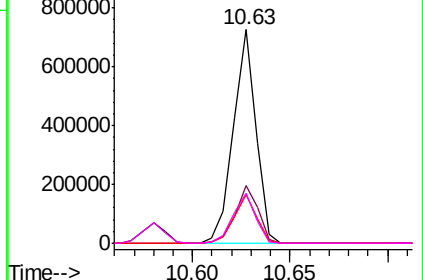
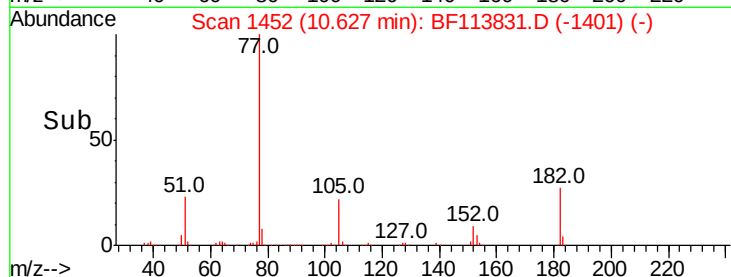


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

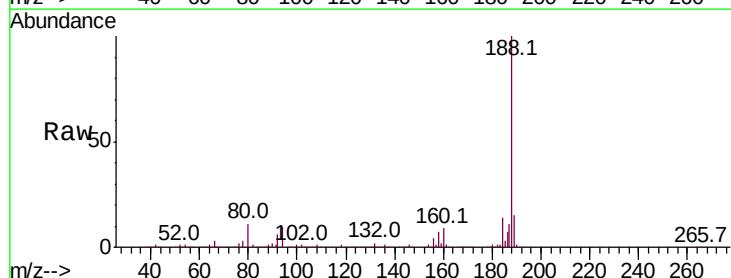
Tgt Ion: 188 Resp: 457555

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.4

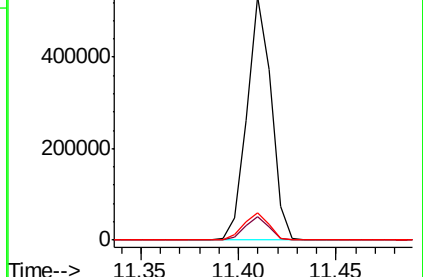
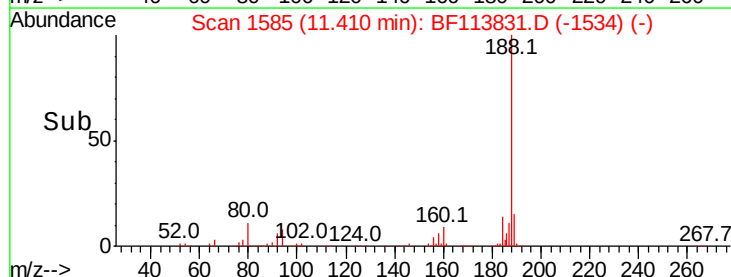
80 11.3 9.0 13.6

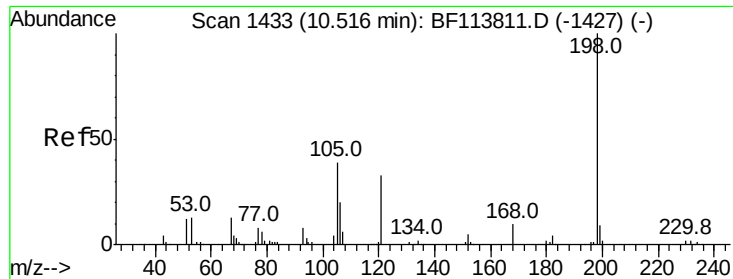


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

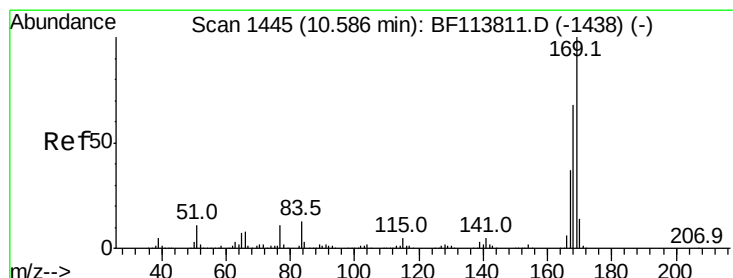
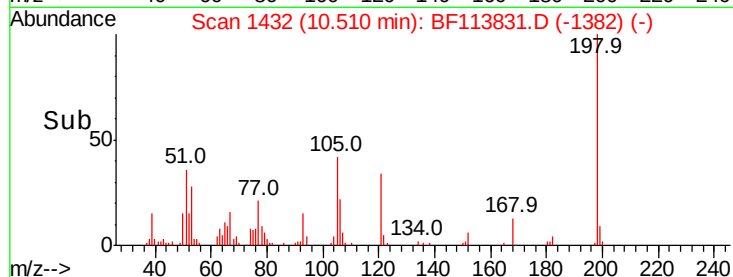
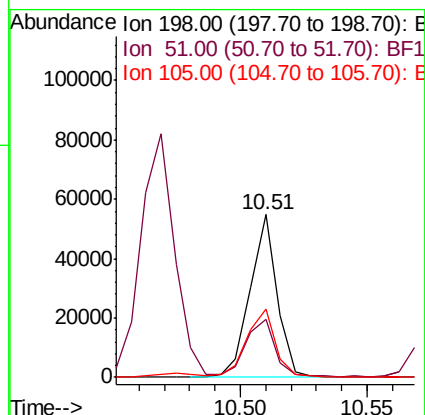
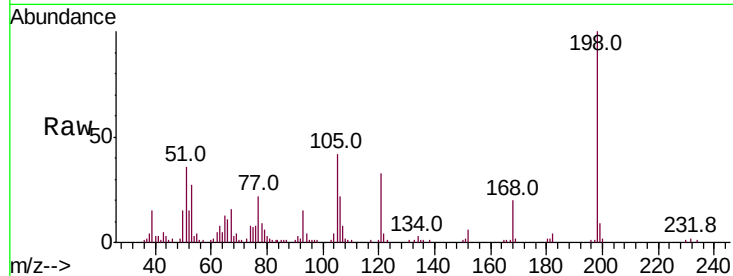




#65
4,6-Dinitro-2-methylphenol
Concen: 25.483 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

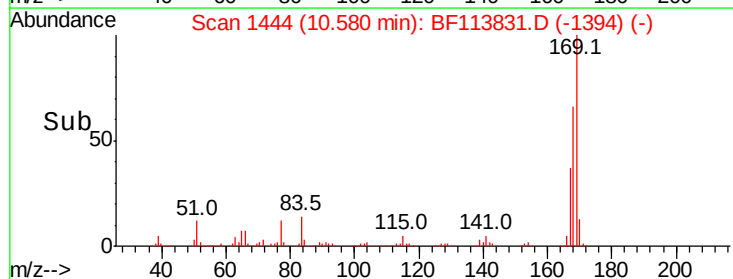
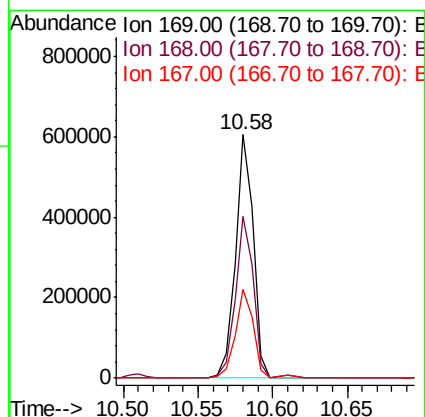
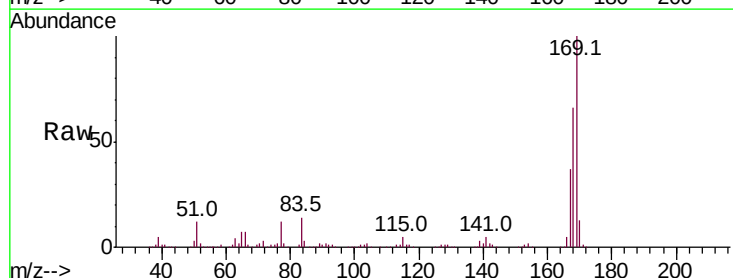
Instrument :
BNA_F
ClientSampleId :

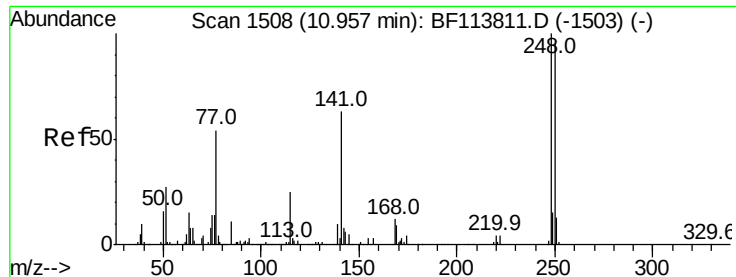
Tot Ion:198 Resp: 41009
Ion Ratio Lower Upper
198 100
51 35.9 11.1 51.1
105 42.2 20.7 60.7



#66
n-Nitrosodiphenylamine
Concen: 36.910 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion:169 Resp: 511933
Ion Ratio Lower Upper
169 100
168 66.2 54.3 81.5
167 36.6 29.4 44.0

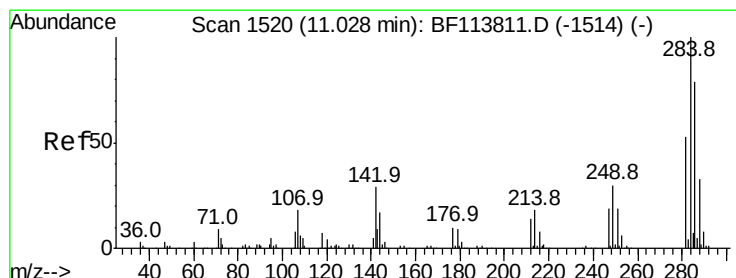
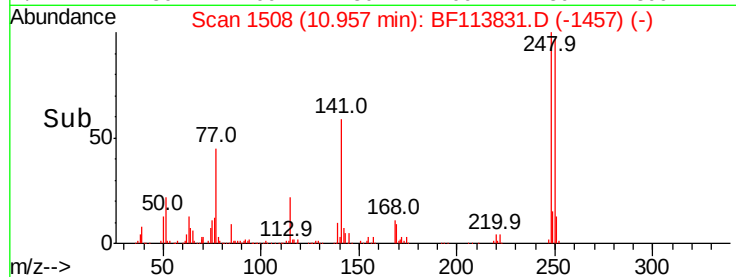
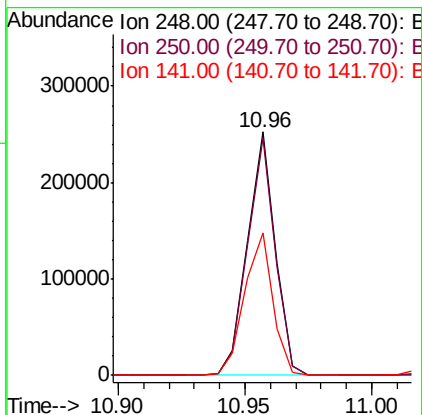
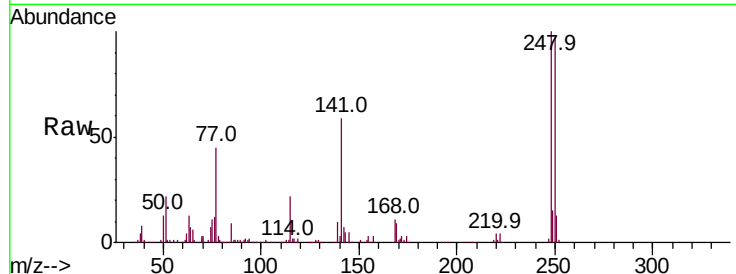




#67
4-Bromophenyl-phenylether
Concen: 35.901 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

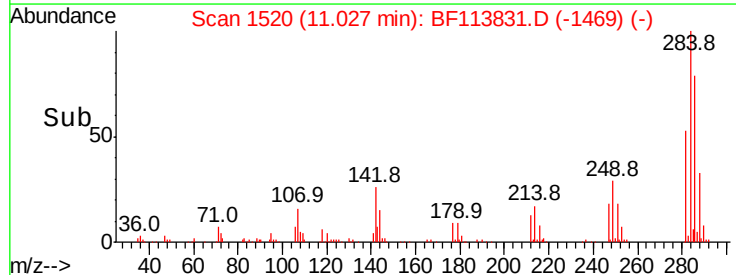
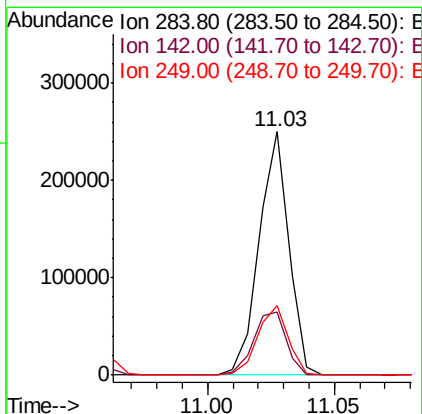
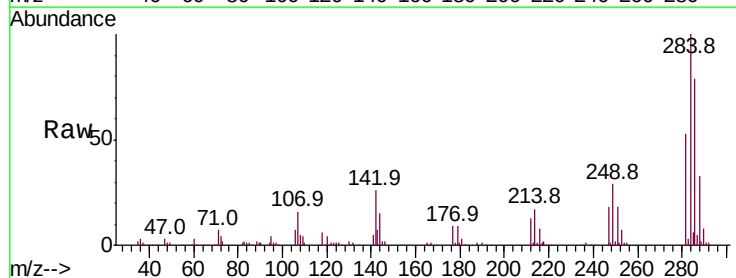
Instrument :
BNA_F
ClientSampleId :

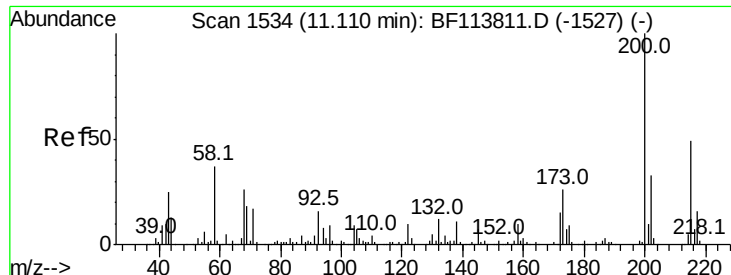
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	75.8	113.6
141	58.7	50.2	75.4



#68
Hexachlorobenzene
Concen: 34.694 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.8	23.0	34.4
249	28.6	24.4	36.6

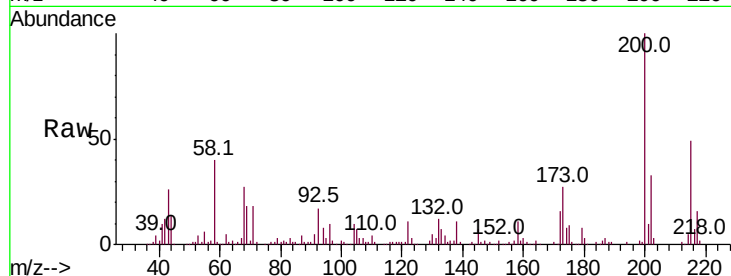




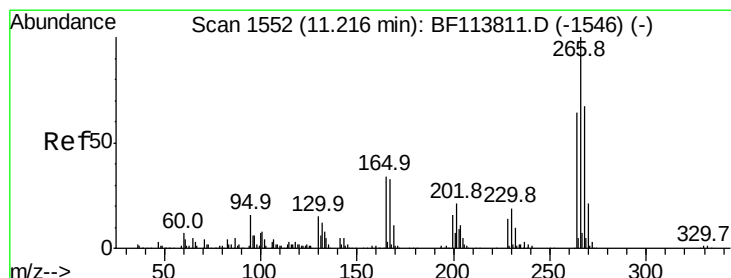
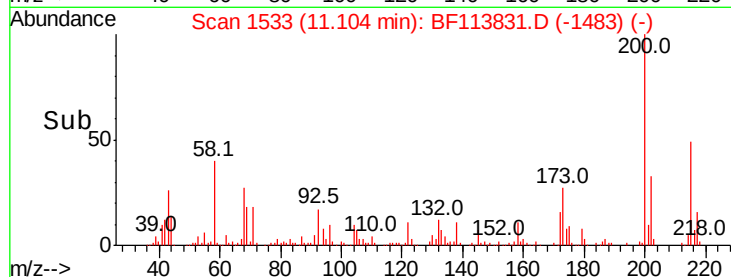
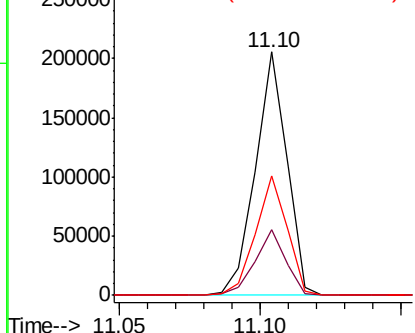
#69
Atrazine
Concen: 37.055 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 159010
Ion Ratio Lower Upper
200 100
173 27.1 5.9 45.9
215 49.3 29.3 69.3

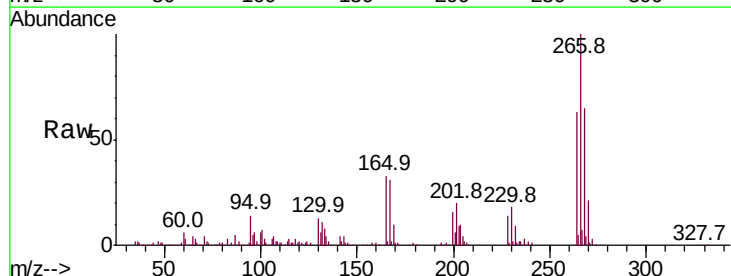


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

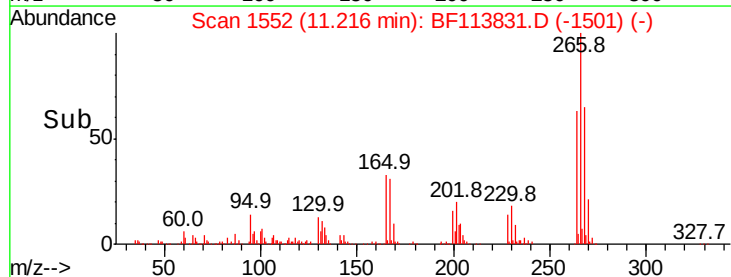
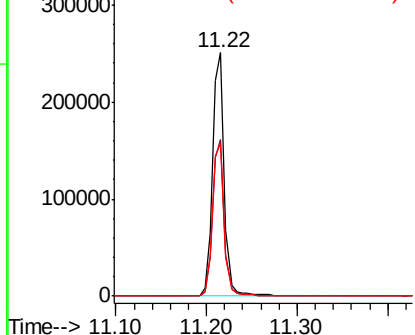


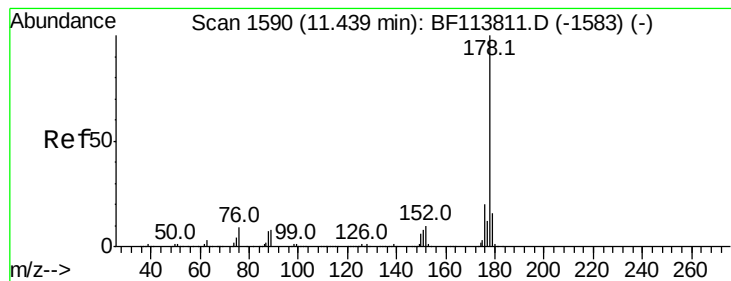
#70
Pentachlorophenol
Concen: 68.571 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion:266 Resp: 229704
Ion Ratio Lower Upper
266 100
268 64.5 53.5 80.3
264 63.0 51.0 76.6



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





#71

Phenanthrene

Concen: 35.401 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

ClientSampleId :

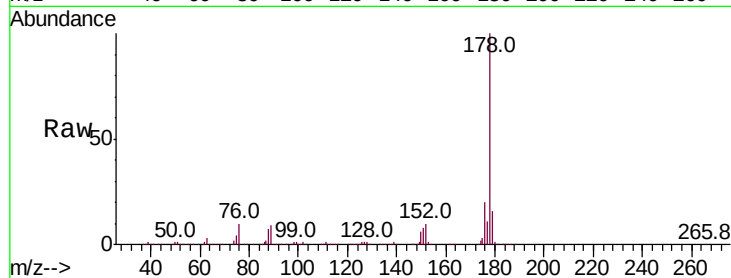
Tot Ion:178 Resp: 824968

Ion Ratio Lower Upper

178 100

176 20.1 16.1 24.1

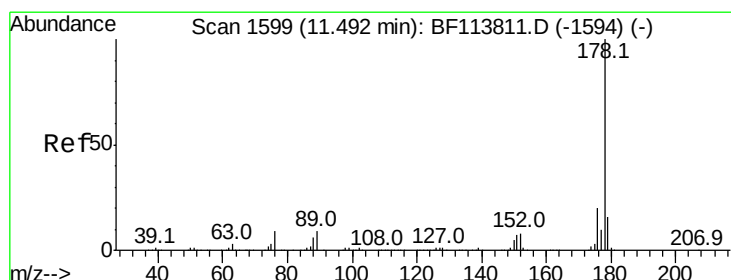
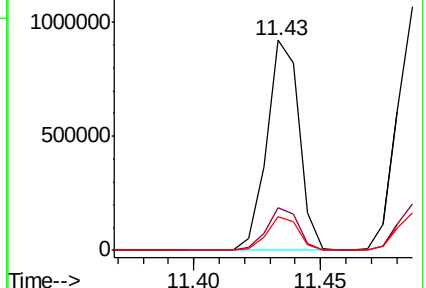
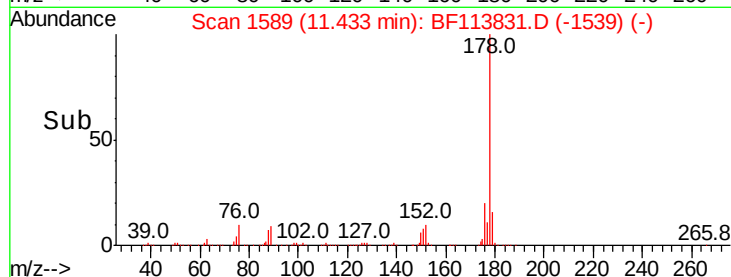
179 15.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.248 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

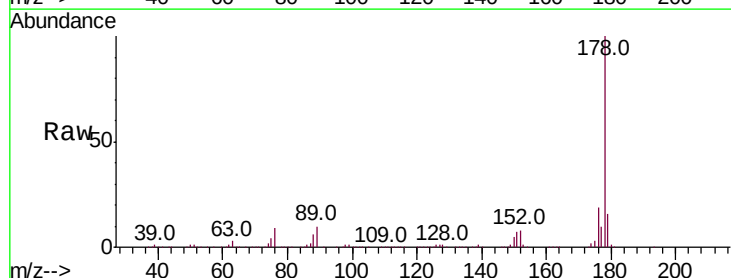
Tgt Ion:178 Resp: 851201

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

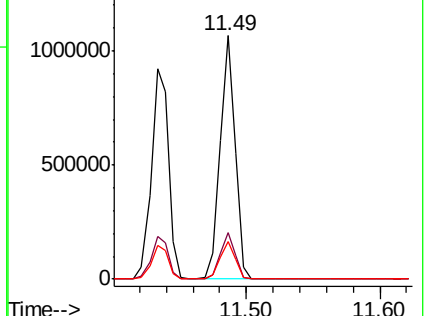
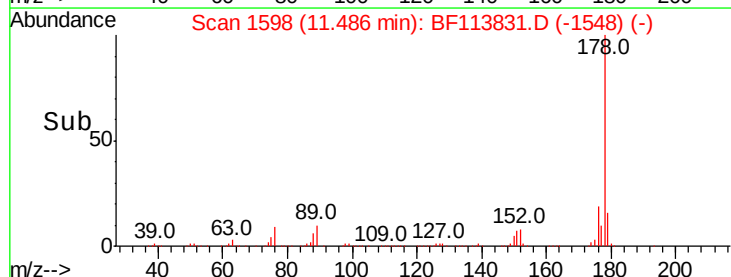
179 15.5 13.0 19.4

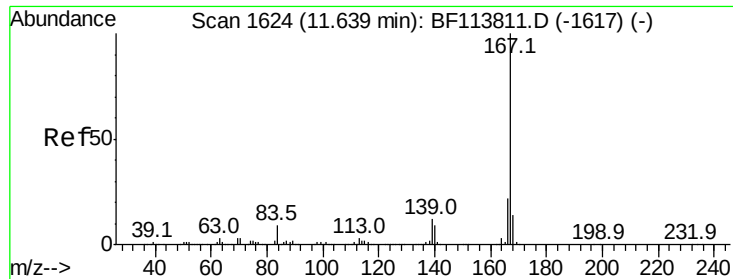


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 35.298 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

ClientSampleId :

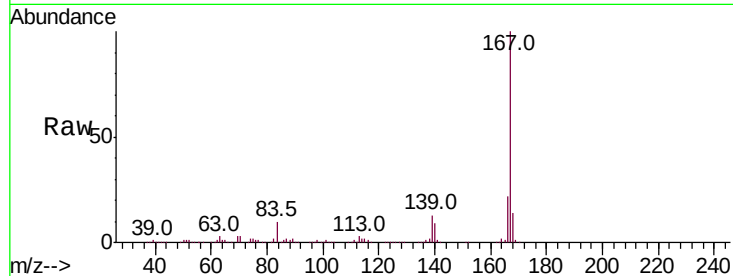
Tot Ion:167 Resp: 752593

Ion Ratio Lower Upper

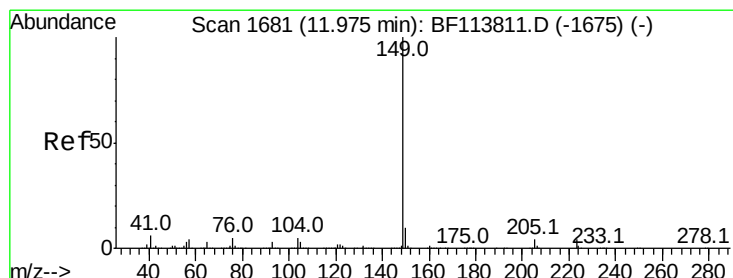
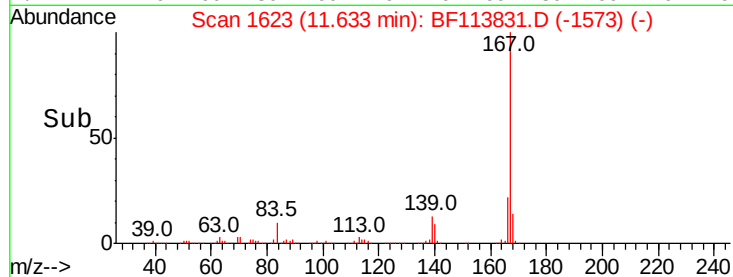
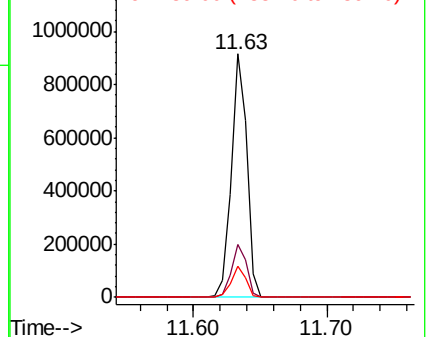
167 100

166 21.7 17.7 26.5

139 12.6 10.0 15.0



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



#74

Di-n-butylphthalate

Concen: 37.059 ng

RT: 11.97 min Scan# 1681

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

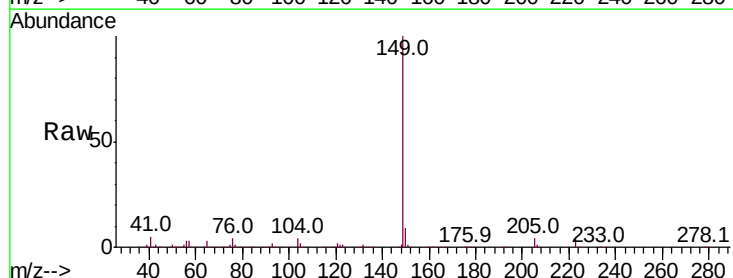
Tgt Ion:149 Resp: 879384

Ion Ratio Lower Upper

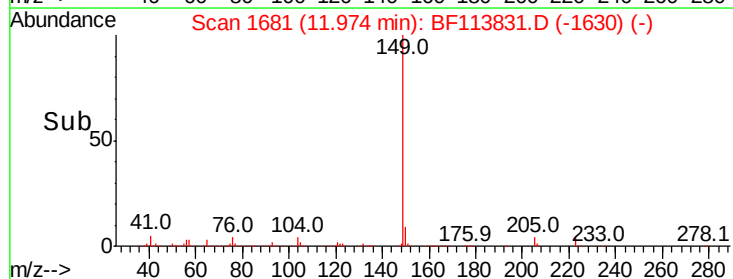
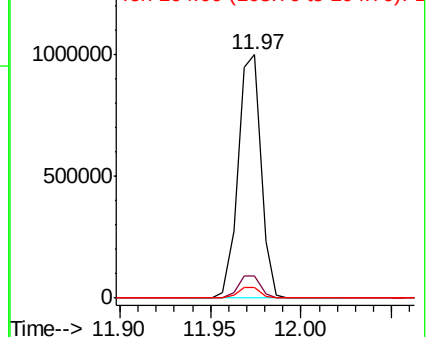
149 100

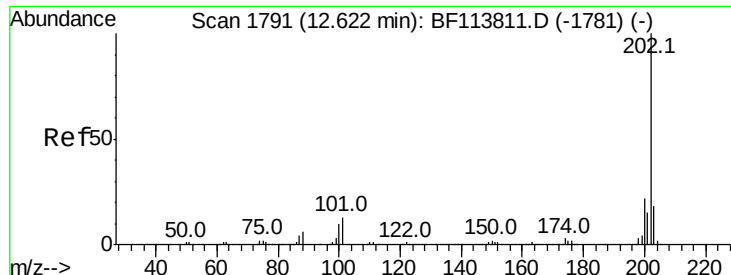
150 9.2 7.8 11.8

104 4.4 3.8 5.8



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

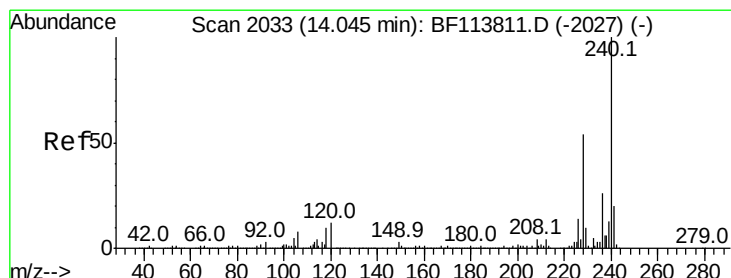
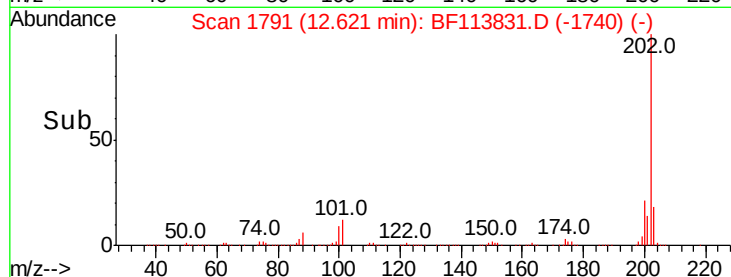
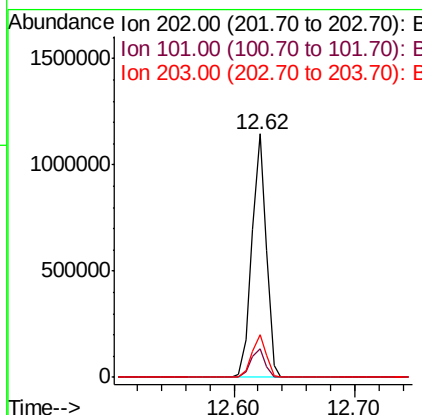
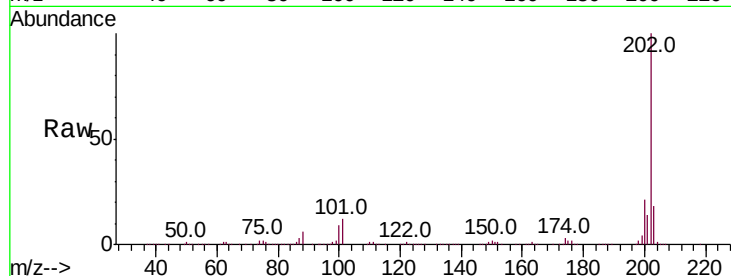




#75
Fluoranthene
Concen: 38.573 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

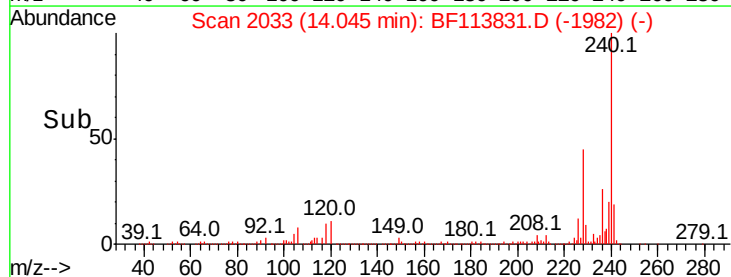
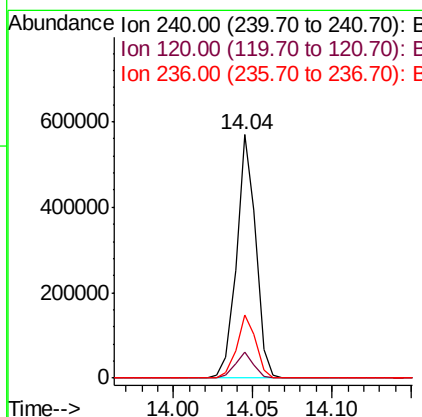
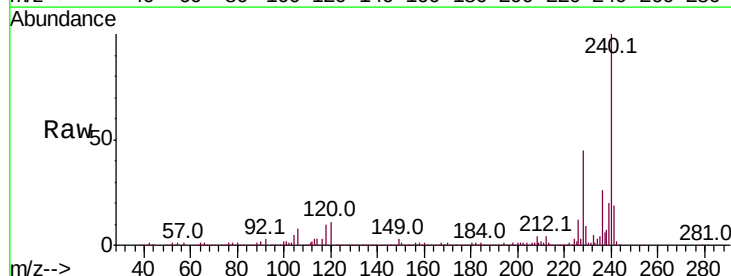
Instrument :
BNA_F
ClientSampled :

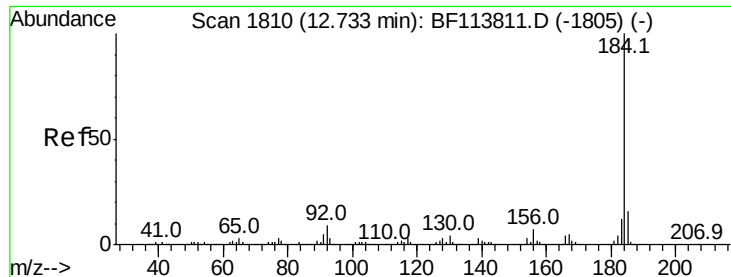
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.9
203	17.7	0.0	38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.3	13.9
236	25.8	21.2	31.8





#77

Benzidine

Concen: 27.800 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

ClientSampleId :

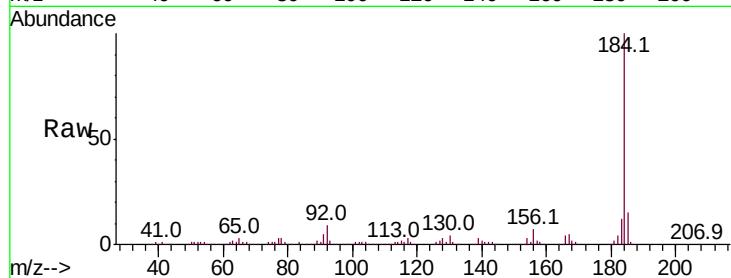
Tot Ion:184 Resp: 439310

Ion Ratio Lower Upper

184 100

185 14.7 13.0 19.6

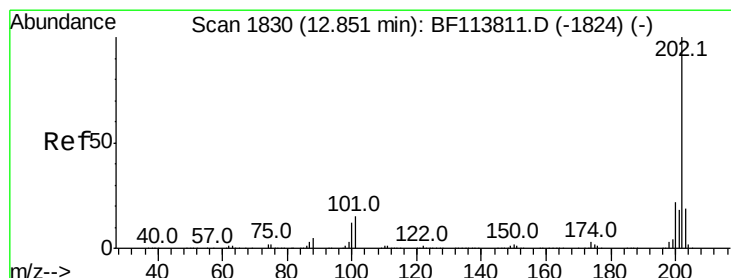
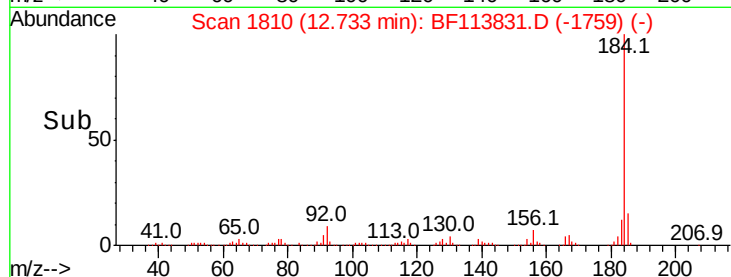
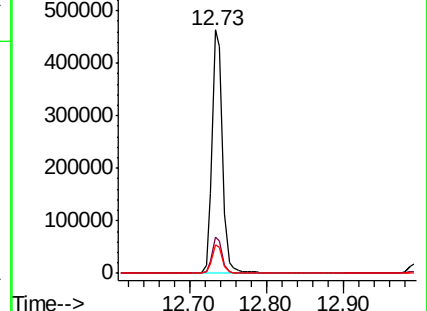
183 11.6 9.4 14.0



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: 29.377 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

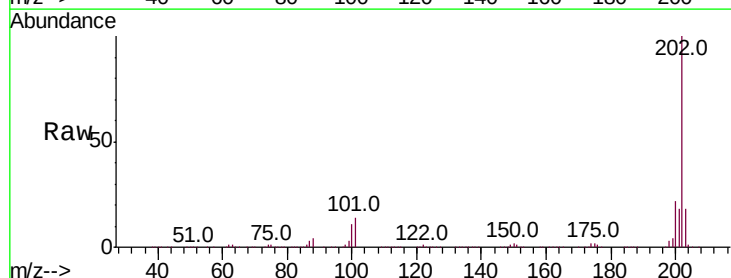
Tgt Ion:202 Resp: 986346

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

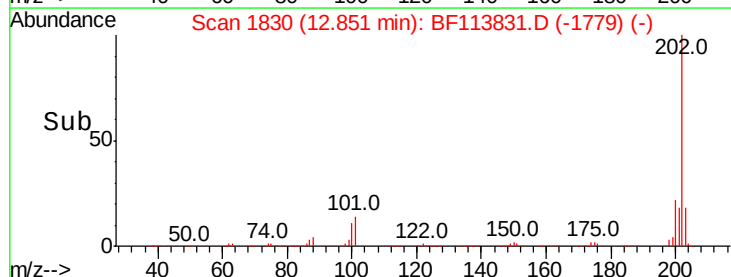
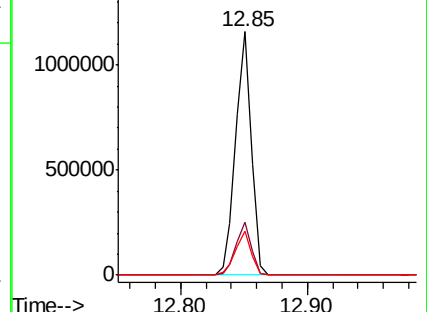
203 17.8 15.0 22.6

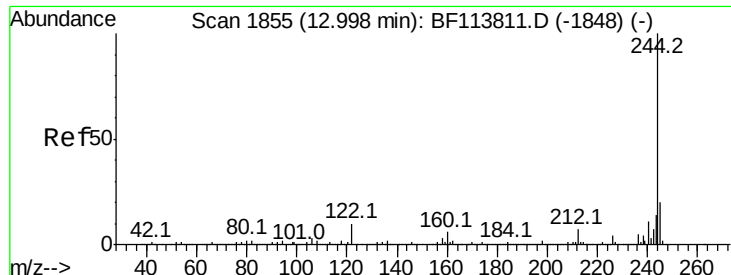


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



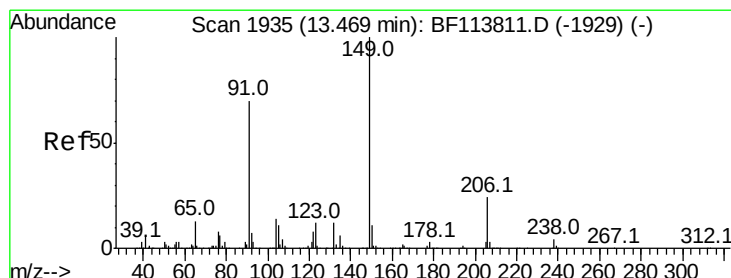
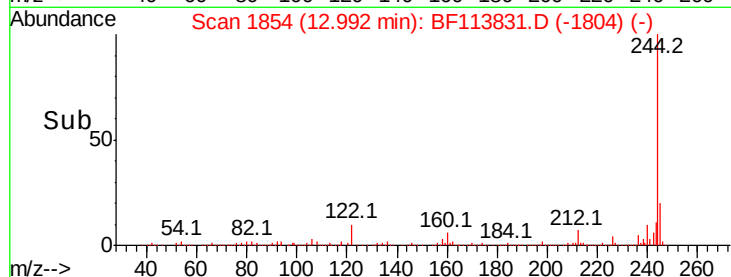
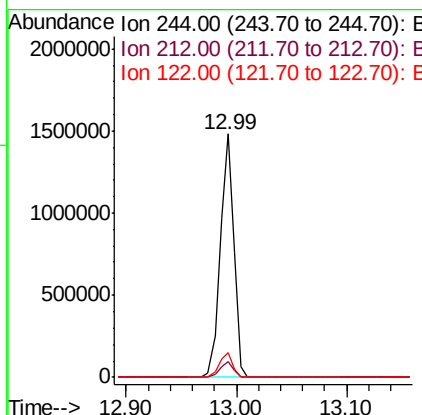
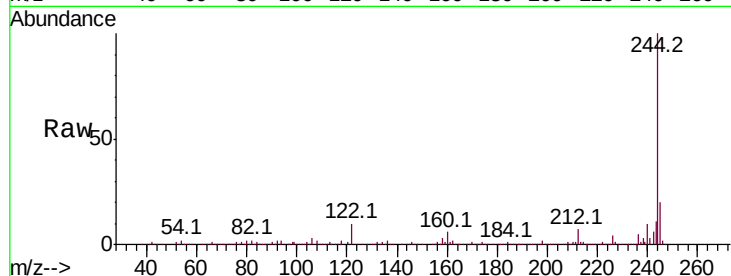


#79
 Terphenyl-d14
 Concen: 55.444 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1259642

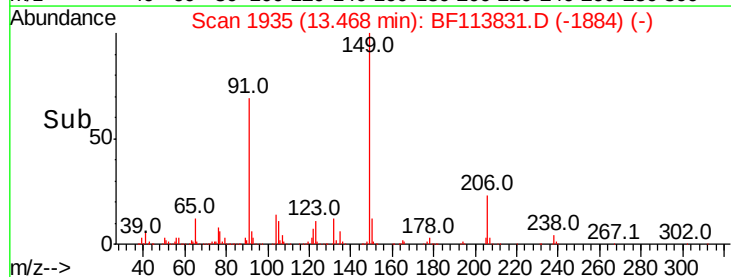
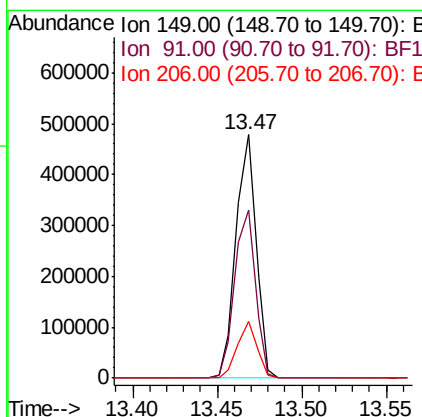
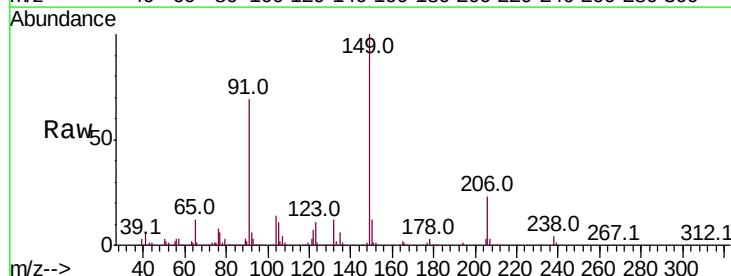
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.2	7.6	11.4

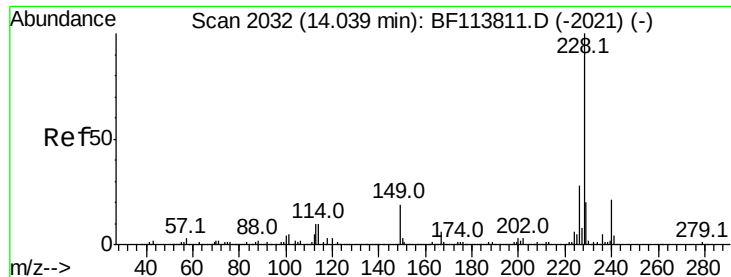


#80
 Butylbenzylphthalate
 Concen: 32.109 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Tgt Ion:149 Resp: 399362

Ion	Ratio	Lower	Upper
149	100		
91	69.2	56.3	84.5
206	23.5	19.0	28.6





#81

Benzo(a)anthracene

Concen: 36.375 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

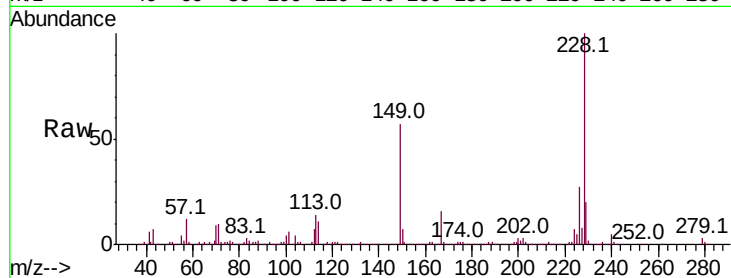
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1012977

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.2
229	20.4	16.0	24.0

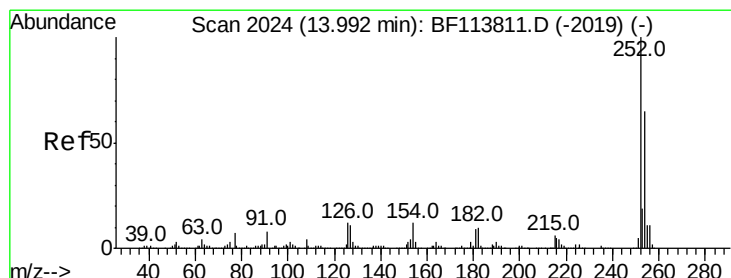
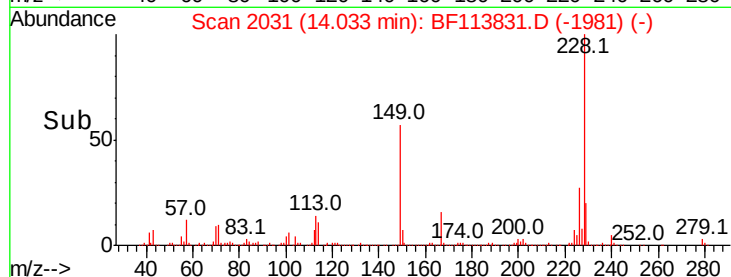
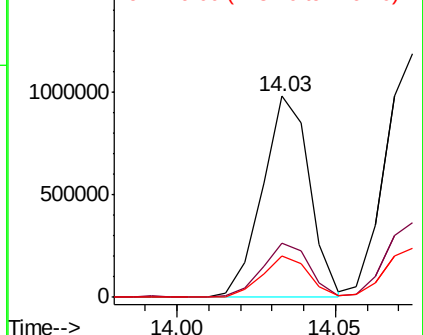


Abundance

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: 36.398 ng

RT: 13.99 min Scan# 2024

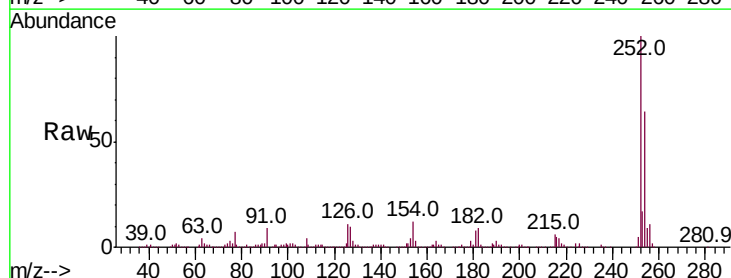
Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Tgt Ion:252 Resp: 360273

Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.1	78.1
126	10.6	9.3	13.9

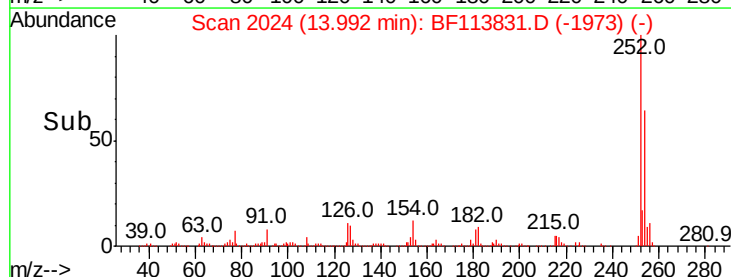
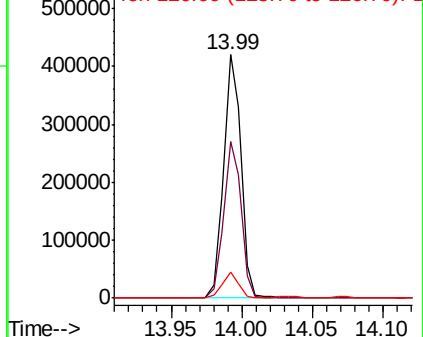


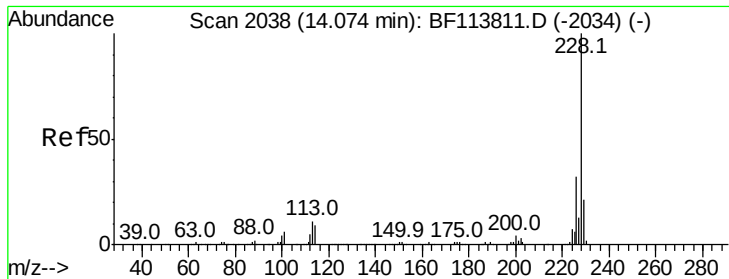
Abundance

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



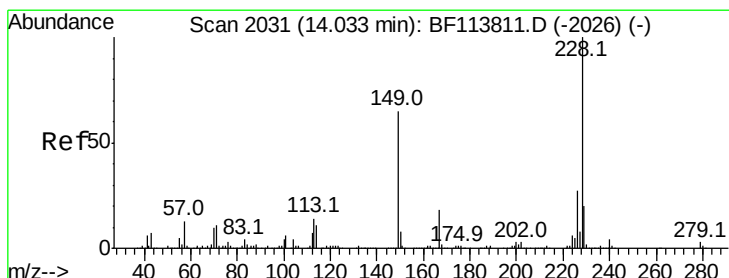
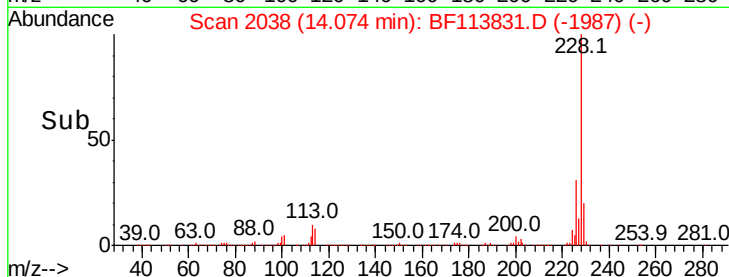
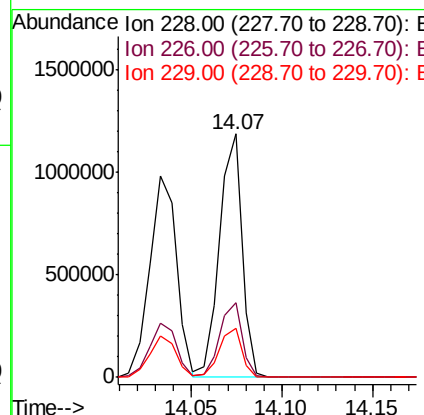
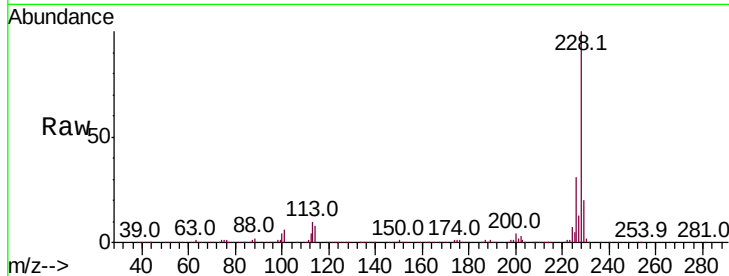


#83
 Chrysene
 Concen: 37.162 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1027213

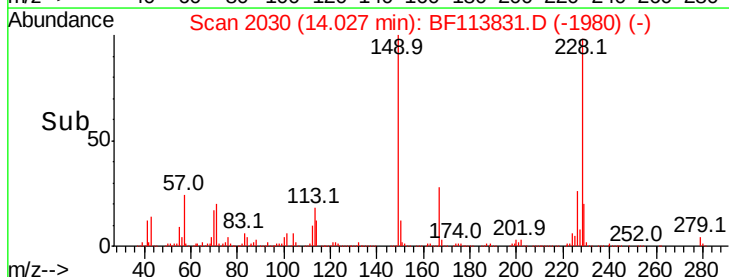
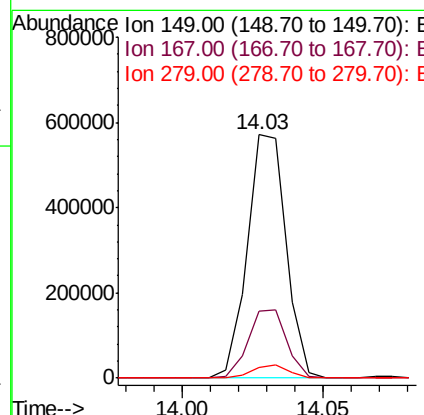
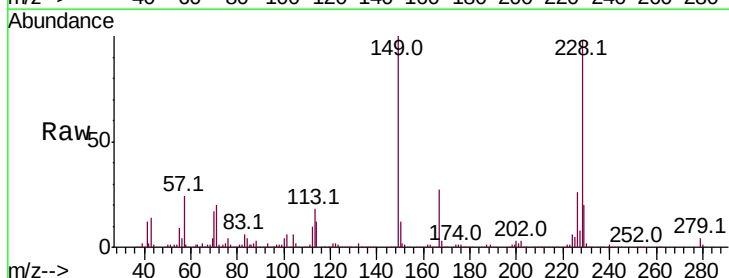
Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.2	37.8
229	20.2	16.7	25.1

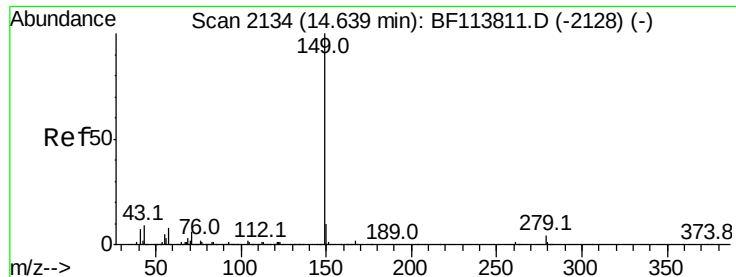


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.634 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Tgt Ion:149 Resp: 545096

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.9	34.3
279	4.3	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 46.432 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

ClientSampleId :

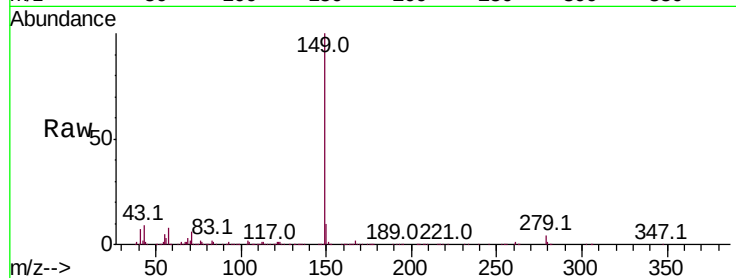
Tot Ion:149 Resp: 1071945

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

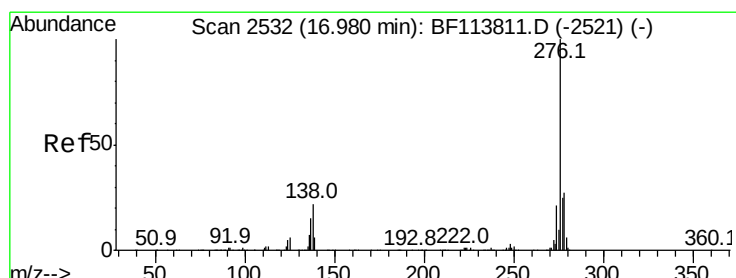
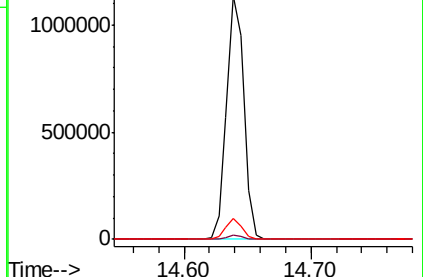
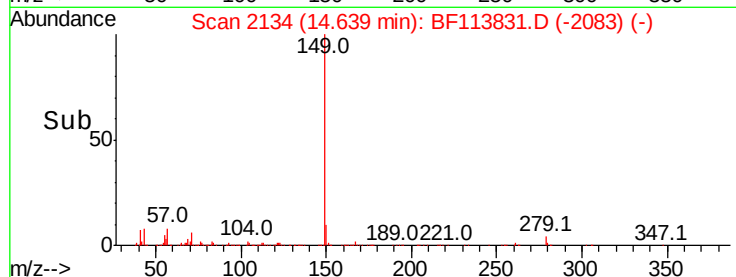
43 7.9 6.6 10.0



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: 46.905 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

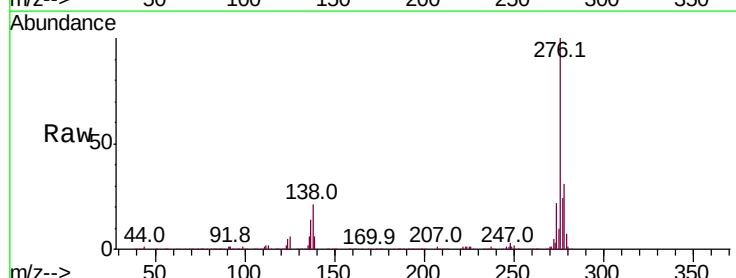
Tgt Ion:276 Resp: 1058418

Ion Ratio Lower Upper

276 100

138 24.0 19.6 29.4

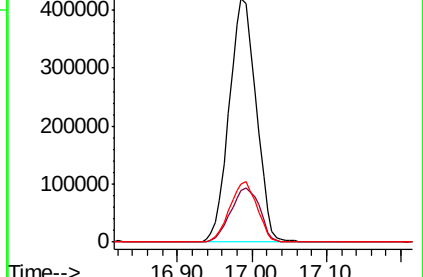
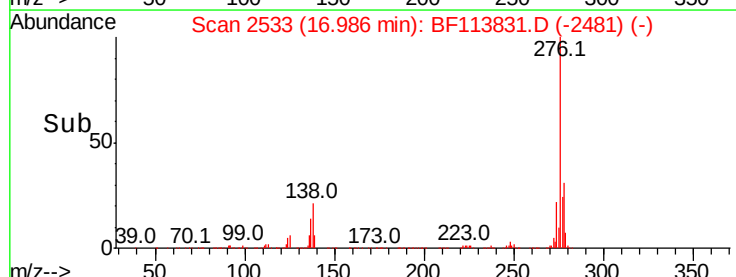
277 25.3 20.2 30.4

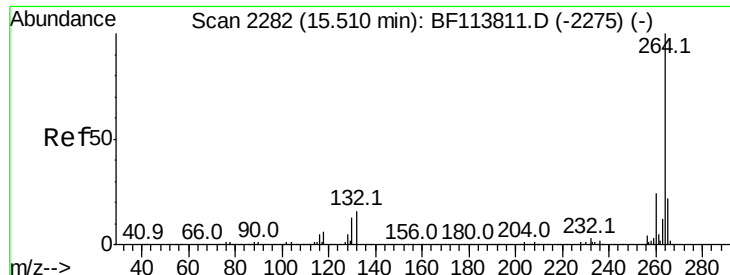


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

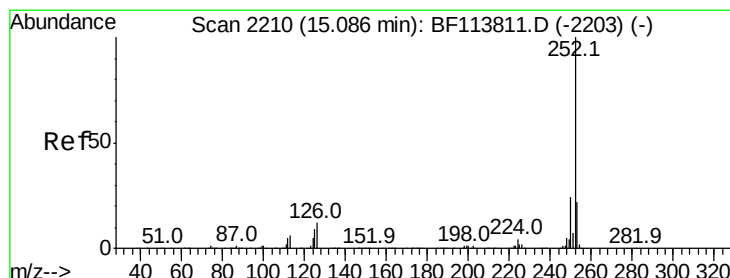
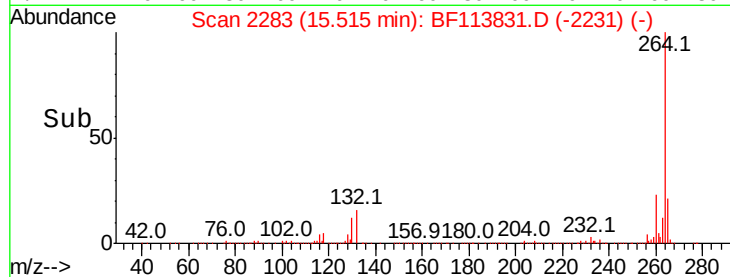
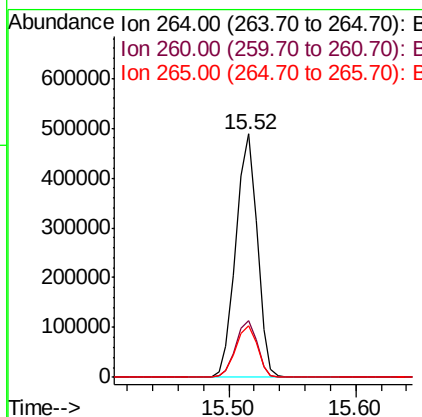
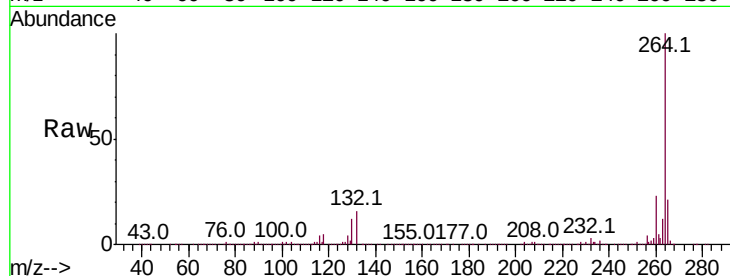




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. 0.01 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

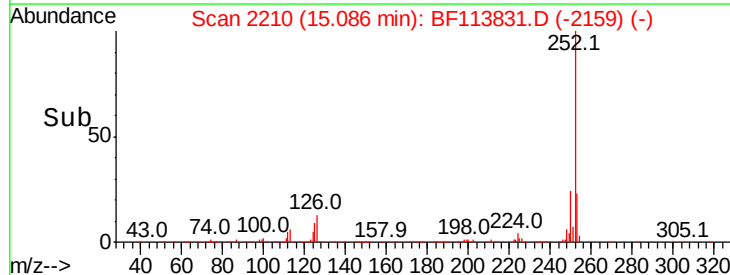
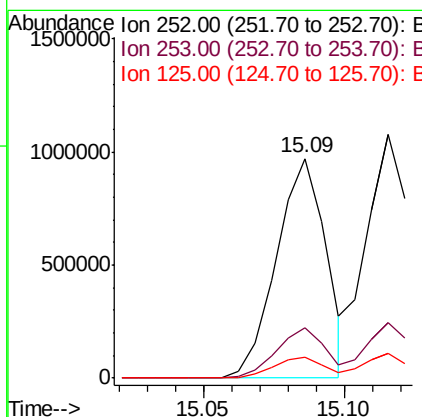
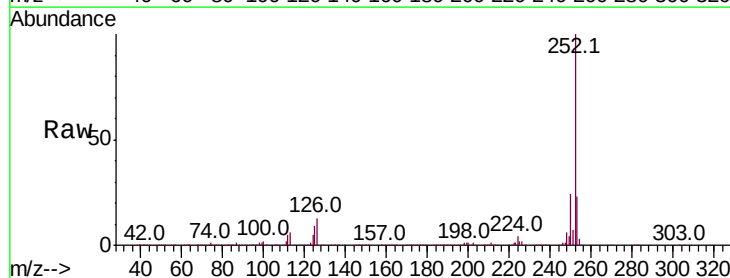
Instrument :
 BNA_F
 ClientSampleId :

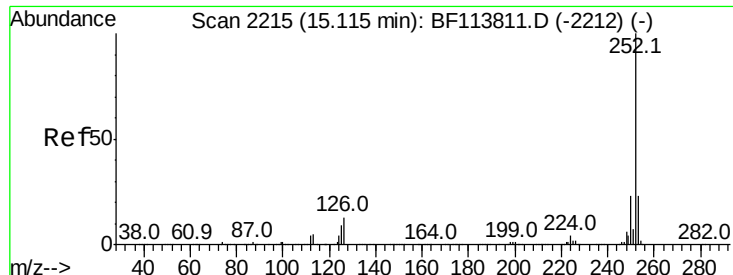
Tot Ion:264 Resp: 567742
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.9 28.3
 265 21.2 17.3 25.9



#88
 Benzo(b)fluoranthene
 Concen: 33.322 ng
 RT: 15.09 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BF113831.D
 Acq: 18 Apr 2019 21:59

Tgt Ion:252 Resp: 1179368
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.8 26.6
 125 9.5 7.0 10.6

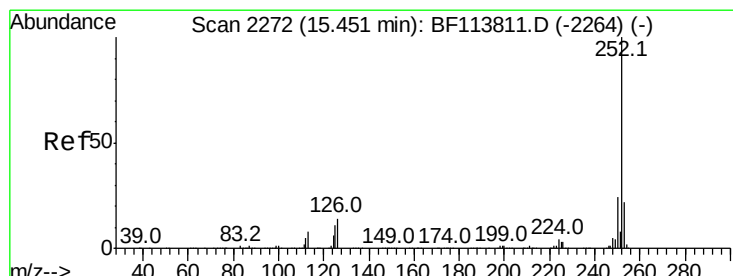
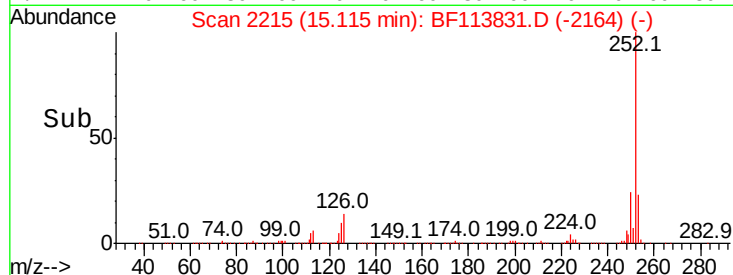
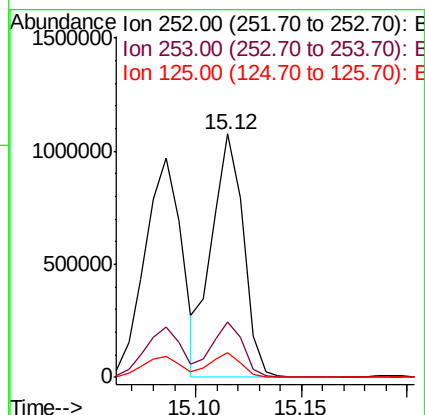
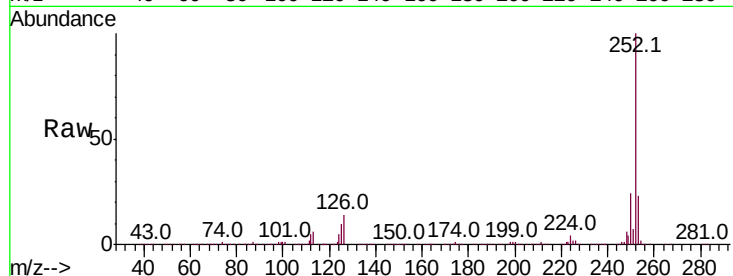




#89
Benzo(k)fluoranthene
Concen: 34.769 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

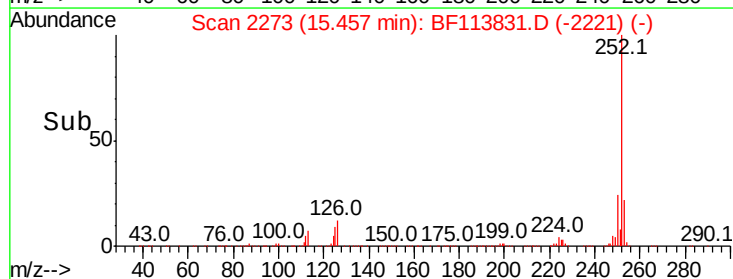
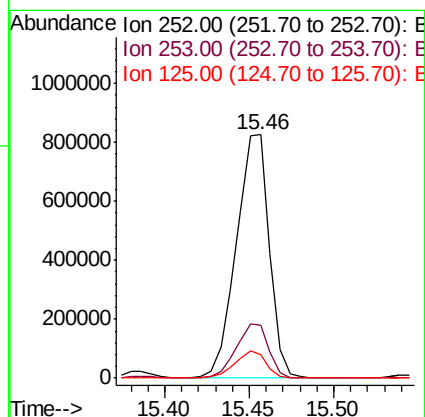
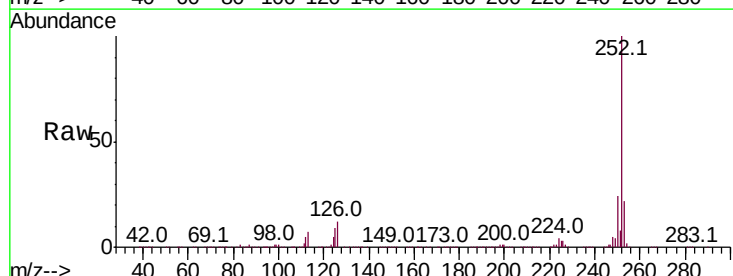
Instrument :
BNA_F
ClientSampled :

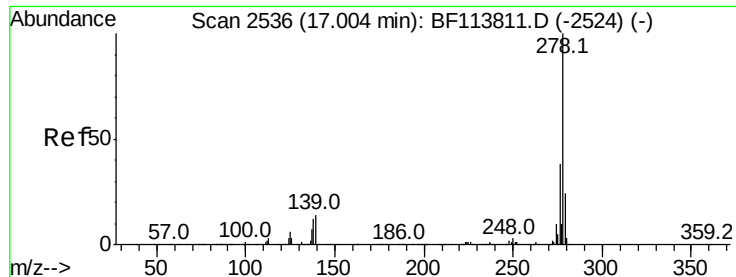
Tot Ion:252 Resp: 1120825
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 9.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 35.921 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF113831.D
Acq: 18 Apr 2019 21:59

Tgt Ion:252 Resp: 1124179
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.5 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 32.405 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

Instrument :

BNA_F

ClientSampleId :

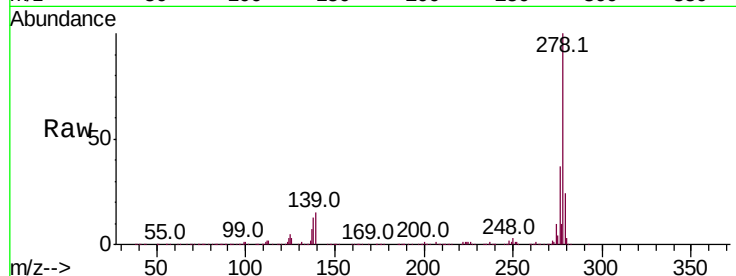
Tot Ion:278 Resp: 902351

Ion Ratio Lower Upper

278 100

139 14.6 11.6 17.4

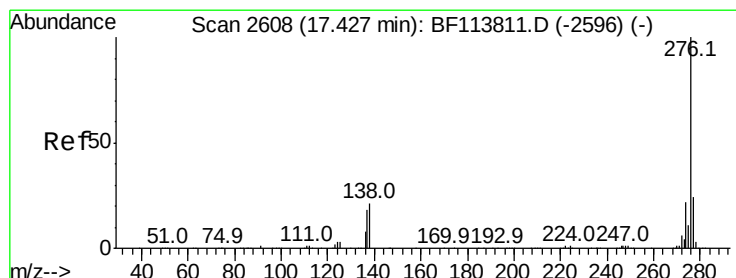
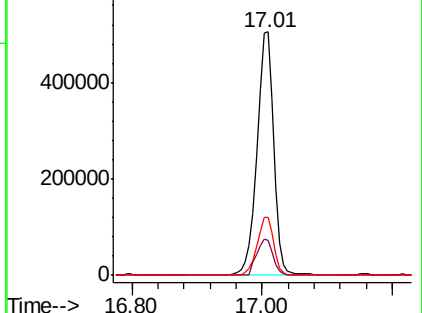
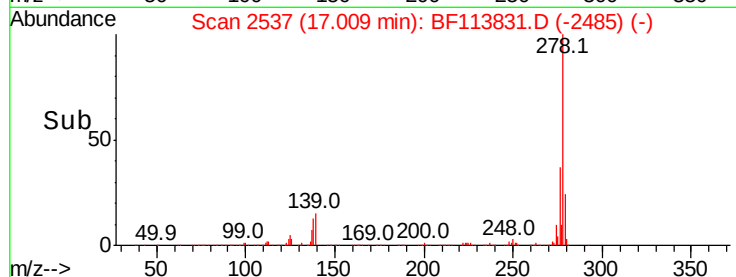
279 24.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 28.708 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.01 min

Lab File: BF113831.D

Acq: 18 Apr 2019 21:59

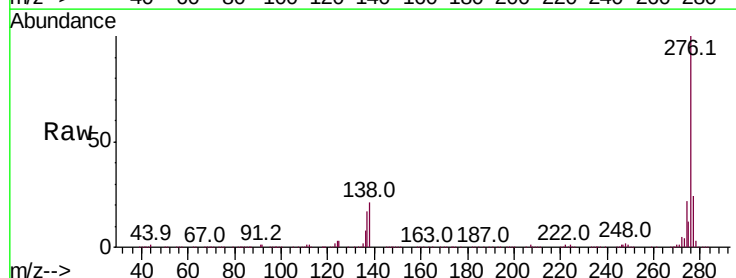
Tgt Ion:276 Resp: 812539

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 20.7 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

