

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098827.D
 Acq On : 26 Sep 2017 12:47
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 00:44:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	169021	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	706615	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	320180	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	551389	20.00	ng	0.00
75) Chrysene-d12	14.08	240	403461	20.00	ng	0.00
86) Perylene-d12	15.57	264	345222	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	848171	79.88	ng	-0.01
7) Phenol-d6	6.54	99	1041165	79.49	ng	0.00
23) Nitrobenzene-d5	7.48	82	877741	79.66	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	215386	82.21	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1507133	78.58	ng	0.00
78) Terphenyl-d14	13.02	244	1403724	79.12	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	196553	38.75	ng	98
3) Pyridine	3.50	79	537606	39.18	ng	98
4) n-Nitrosodimethylamine	3.46	42	226181	38.88	ng	98
6) Aniline	6.58	93	692067	39.15	ng	100
8) 2-Chlorophenol	6.70	128	472850	39.33	ng	99
9) Benzaldehyde	6.47	77	280993	36.98	ng	99
10) Phenol	6.55	94	567010	38.71	ng	100
11) bis(2-Chloroethyl)ether	6.65	93	446040	39.17	ng	99
12) 1,3-Dichlorobenzene	6.86	146	495650	39.36	ng	99
13) 1,4-Dichlorobenzene	6.93	146	497535	38.83	ng	99
14) 1,2-Dichlorobenzene	7.09	146	461749	39.00	ng	100
15) Benzyl Alcohol	7.06	79	377266	39.26	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	682037	38.44	ng	98
17) 2-Methylphenol	7.16	107	382242	38.85	ng	98
18) Hexachloroethane	7.43	117	178157	38.69	ng	95
19) n-Nitroso-di-n-propylamine	7.33	70	313666	37.51	ng	99
20) 3+4-Methylphenols	7.32	107	477660	38.38	ng	91
22) Acetophenone	7.33	105	647049	37.79	ng	# 95
24) Nitrobenzene	7.50	77	492187	39.38	ng	100
25) Isophorone	7.74	82	880748	38.66	ng	99
26) 2-Nitrophenol	7.81	139	256627	42.70	ng	98
27) 2,4-Dimethylphenol	7.85	122	436386	38.45	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	554015	39.02	ng	100
29) 2,4-Dichlorophenol	8.05	162	386653	39.67	ng	98
30) 1,2,4-Trichlorobenzene	8.14	180	384477	39.45	ng	98
31) Naphthalene	8.22	128	1268349	38.22	ng	99
32) Benzoic acid	7.97	122	373781	40.09	ng	99
33) 4-Chloroaniline	8.26	127	546098	39.40	ng	99
34) Hexachlorobutadiene	8.33	225	199324	39.70	ng	99
35) Caprolactam	8.65	113	121403	38.83	ng	90
36) 4-Chloro-3-methylphenol	8.74	107	425763	38.87	ng	98
37) 2-Methylnaphthalene	8.91	142	829909	38.47	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	374886	39.26	ng	99
40) Hexachlorocyclopentadiene	9.06	237	168742	38.67	ng	98

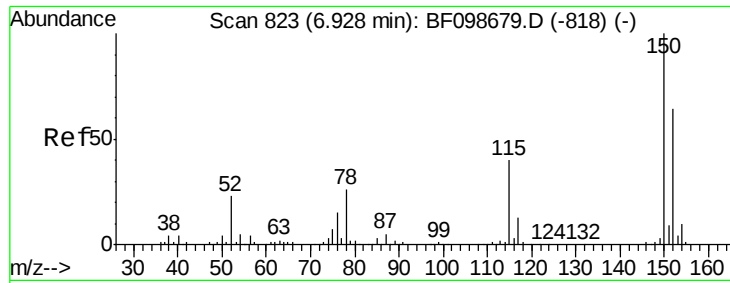
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
 Data File : BF098827.D
 Acq On : 26 Sep 2017 12:47
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 27 00:44:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	263374	38.93	nq	99
43) 2,4,5-Trichlorophenol	9.22	196	270606	40.07	nq	99
45) 1,1'-Biphenyl	9.37	154	1062283	38.60	nq	100
46) 2-Chloronaphthalene	9.40	162	805689	39.00	nq	99
47) 2-Nitroaniline	9.49	65	254112	40.17	nq	98
48) Acenaphthylene	9.82	152	1227578	38.81	nq	100
49) Dimethylphthalate	9.67	163	937810	38.81	nq	100
50) 2,6-Dinitrotoluene	9.73	165	213125	40.51	nq	100
51) Acenaphthene	9.99	154	782074	39.04	nq	99
52) 3-Nitroaniline	9.90	138	248946	40.58	nq	99
53) 2,4-Dinitrophenol	10.01	184	98939	39.32	nq	90
54) Dibenzofuran	10.16	168	1026039	38.46	nq	99
55) 4-Nitrophenol	10.05	139	209218	40.34	nq	98
56) 2,4-Dinitrotoluene	10.14	165	281334	41.20	nq	92
57) Fluorene	10.50	166	815714	38.04	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	185727	39.82	nq	99
59) Diethylphthalate	10.37	149	906561	38.39	nq	99
60) 4-Chlorophenyl-phenylether	10.49	204	370405	38.46	nq	96
61) 4-Nitroaniline	10.52	138	239882	40.53	nq	95
62) Azobenzene	10.65	77	827689	38.12	nq	99
64) 4,6-Dinitro-2-methylphenol	10.55	198	142769	42.56	nq	95
65) n-Nitrosodiphenylamine	10.61	169	760003	39.79	nq	99
66) 4-Bromophenyl-phenylether	10.98	248	214981	39.83	nq	99
67) Hexachlorobenzene	11.05	284	230380	39.97	nq	95
68) Atrazine	11.13	200	219969	38.27	nq	100
69) Pentachlorophenol	11.24	266	142440	39.70	nq	98
70) Phenanthrene	11.47	178	1144199	38.77	nq	99
71) Anthracene	11.52	178	1189091	39.38	nq	99
72) Carbazole	11.67	167	1148792	38.85	nq	100
73) Di-n-butylphthalate	11.99	149	1390148	39.05	nq	100
74) Fluoranthene	12.65	202	1146873	38.37	nq	98
76) Benzidine	12.77	184	616021	41.28	nq	100
77) Pyrene	12.89	202	1196594	38.89	nq	100
79) Butylbenzylphthalate	13.49	149	573186	39.64	nq	100
80) Benzo(a)anthracene	14.07	228	957697	39.20	nq	100
81) 3,3'-Dichlorobenzidine	14.03	252	356386	39.79	nq	99
82) Chrysene	14.11	228	900252	38.71	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	791500	39.76	nq	98
84) Di-n-octyl phthalate	14.66	149	1287592	40.16	nq	98
85) Indeno(1,2,3-cd)pyrene	17.07	276	779681	41.91	nq	97
87) Benzo(b)fluoranthene	15.16	252	784672	36.97	nq	97
88) Benzo(k)fluoranthene	15.16	252	784672	37.43	nq	99
89) Benzo(a)pyrene	15.50	252	760767	39.05	nq	# 96
90) Dibenzo(a,h)anthracene	17.10	278	631126	40.48	nq	98
91) Benzo(g,h,i)perylene	17.54	276	635147	41.21	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Instrument :

BNA_F

ClientSampleId :

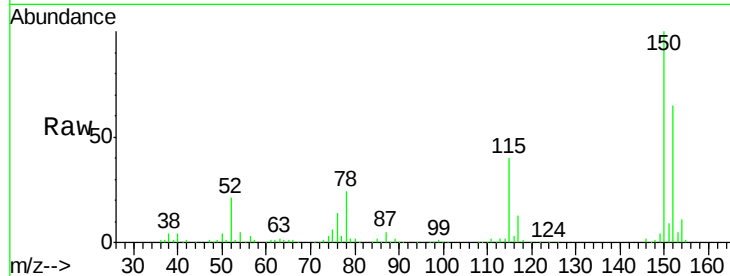
Tot Ion:152 Resp: 169021

Ion Ratio Lower Upper

152 100

150 153.9 124.6 186.8

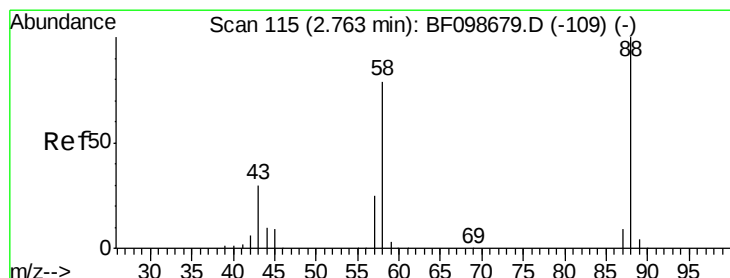
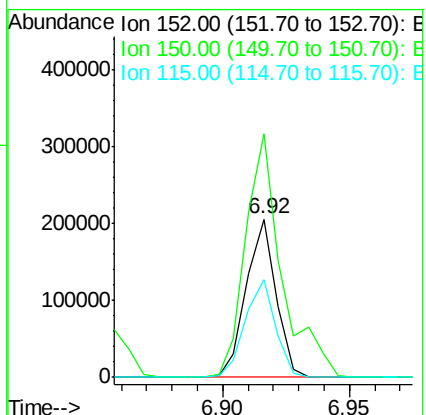
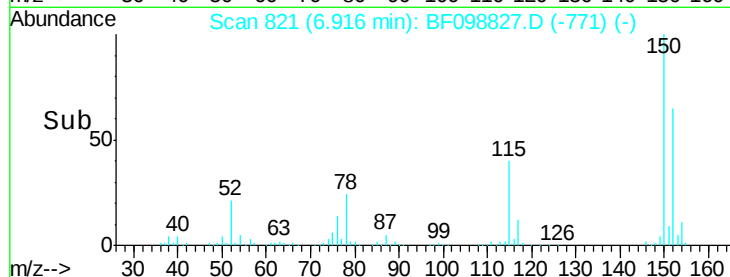
115 61.6 50.1 75.1



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: 38.75 ng

RT: 2.73 min Scan# 109

Delta R.T. -0.03 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

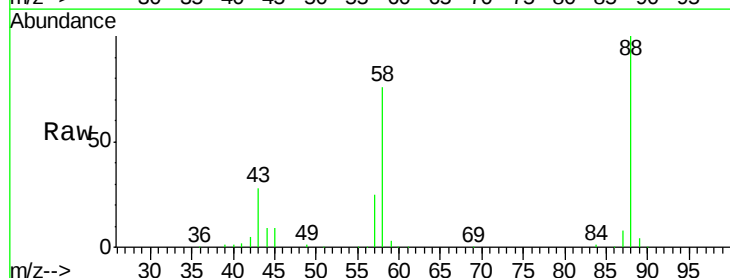
Tgt Ion: 88 Resp: 196553

Ion Ratio Lower Upper

88 100

58 76.7 62.6 93.8

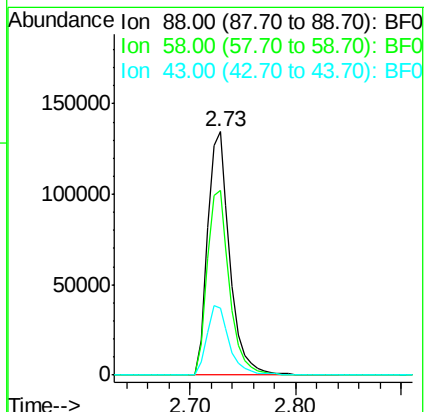
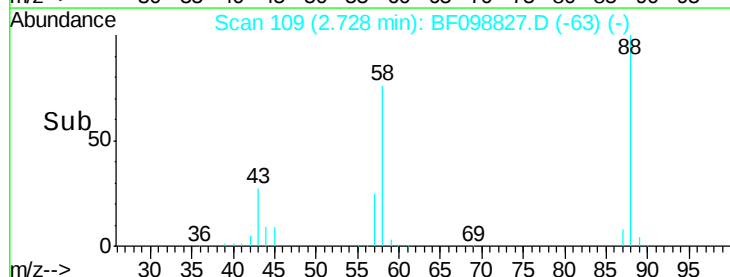
43 29.3 24.6 37.0

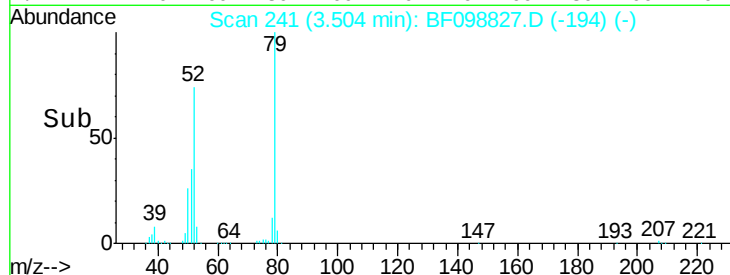
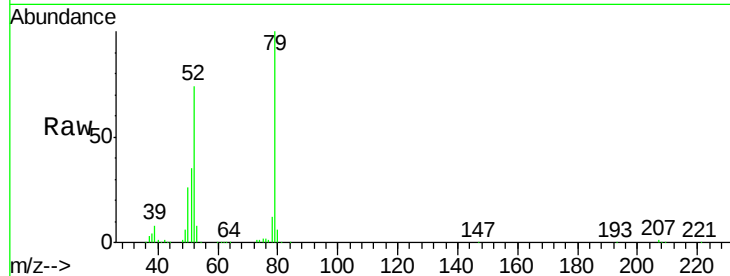
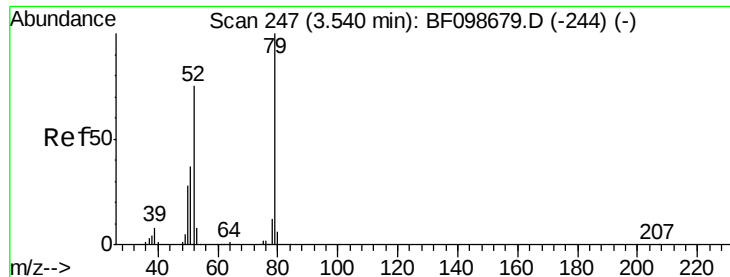


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

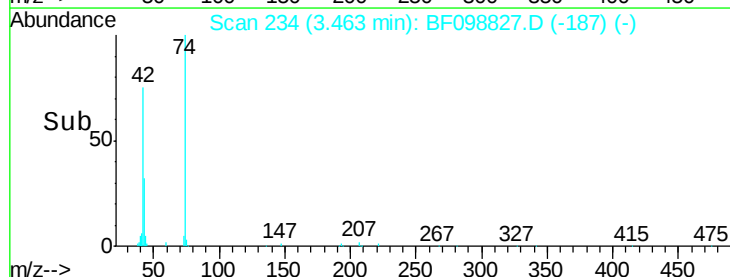
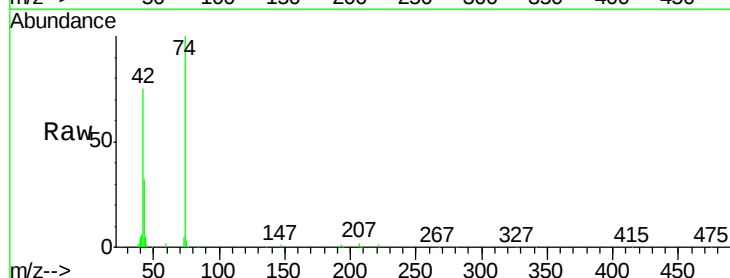
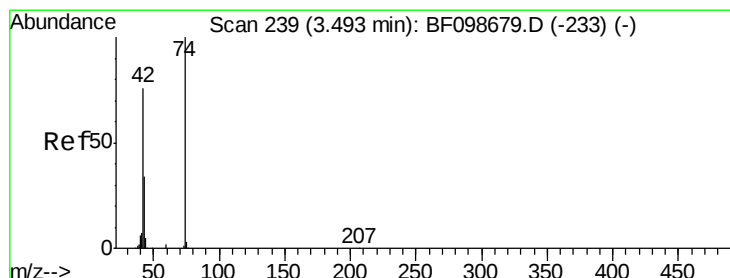
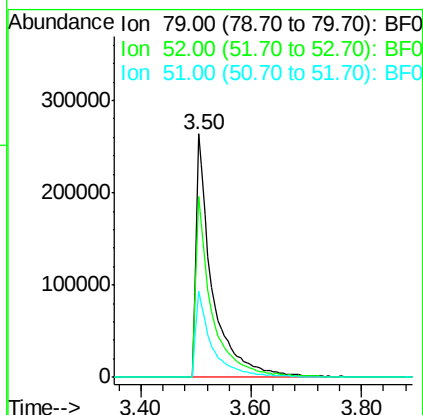




#3
 Pvridine
 Concen: 39.18 ng
 RT: 3.50 min Scan# 241
 Delta R.T. -0.02 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

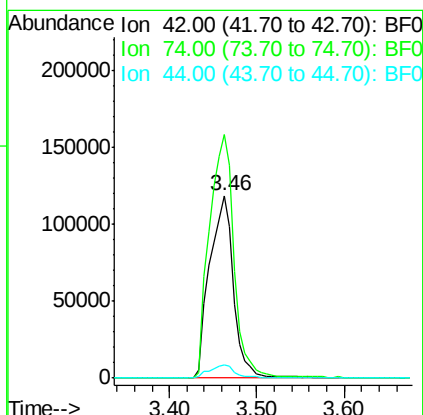
Instrument :
 BNA_F
 ClientSampleId :

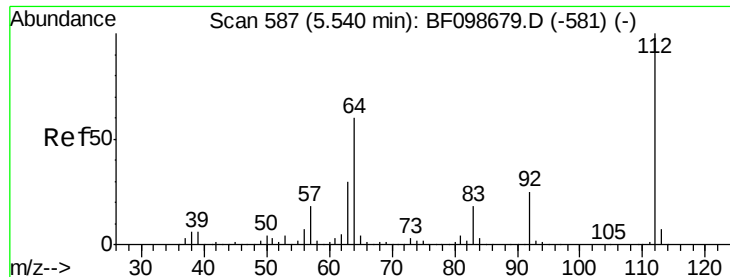
Tot Ion	Ratio	Lower	Upper
79	100		
52	74.1	59.8	89.6
51	35.4	29.8	44.8



#4
 n-Nitrosodimethylamine
 Concen: 38.88 ng
 RT: 3.46 min Scan# 234
 Delta R.T. -0.02 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.3	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 79.88 ng

RT: 5.53 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Instrument :

BNA_F

ClientSampled :

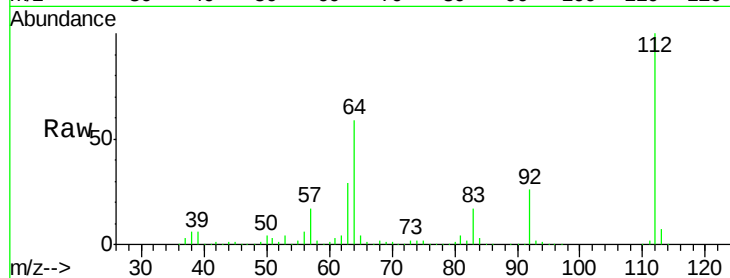
Tot Ion: 112 Resp: 848171

Ion Ratio Lower Upper

112 100

64 58.7 47.9 71.9

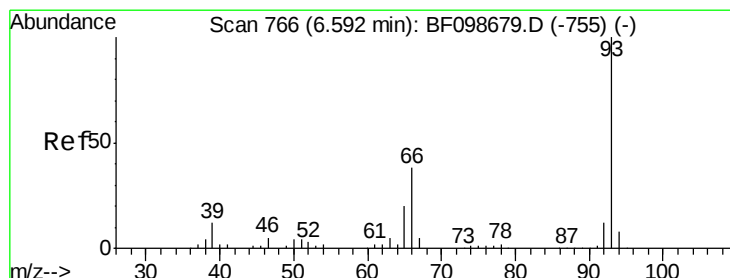
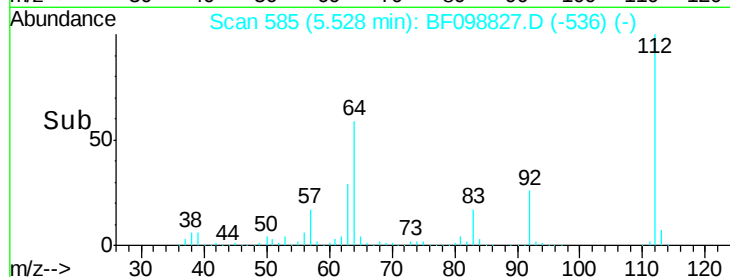
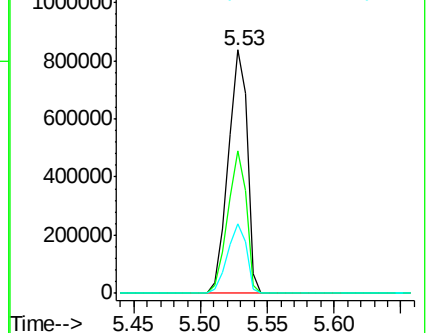
63 28.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.15 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

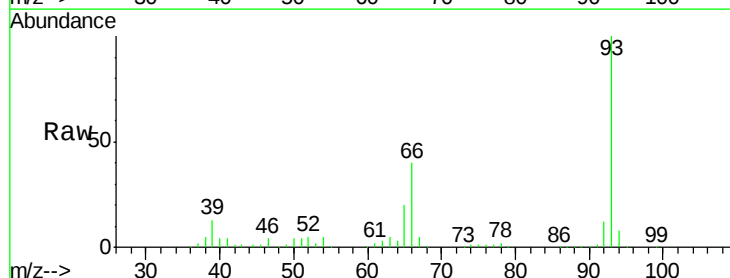
Tgt Ion: 93 Resp: 692067

Ion Ratio Lower Upper

93 100

66 40.1 32.2 48.2

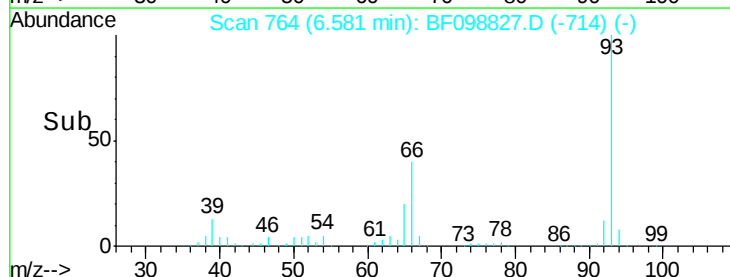
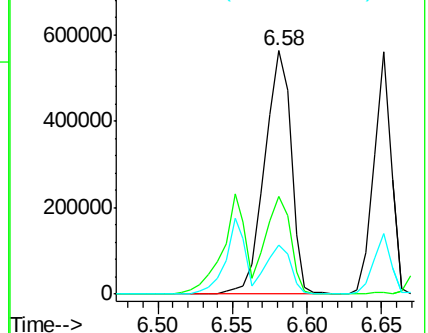
65 20.0 16.4 24.6

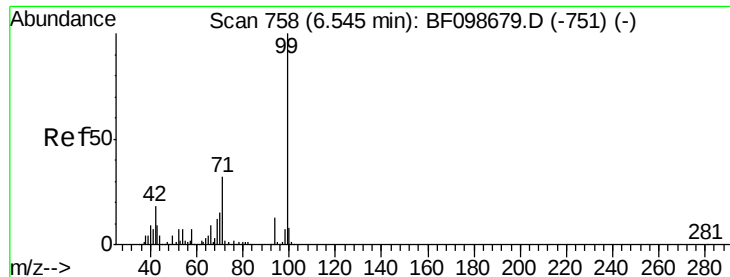


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.49 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Instrument :

BNA_F

ClientSampled :

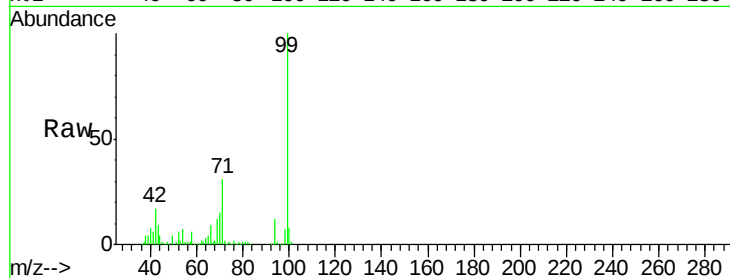
Tot Ion: 99 Resp: 1041165

Ion Ratio Lower Upper

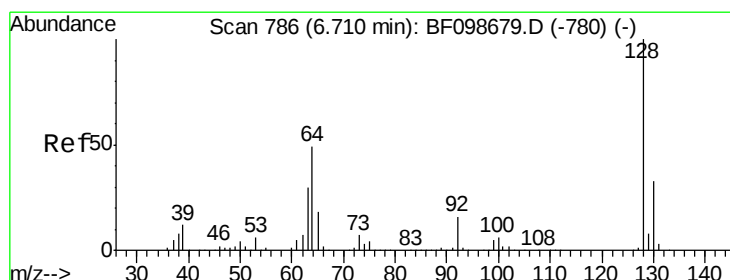
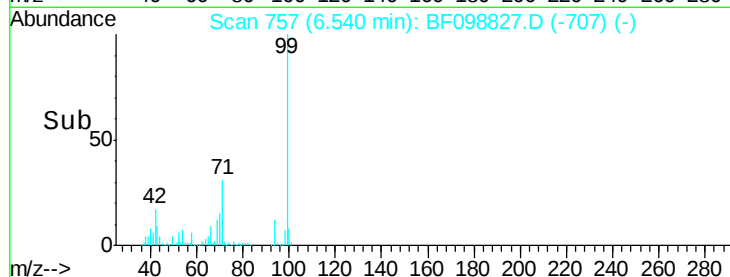
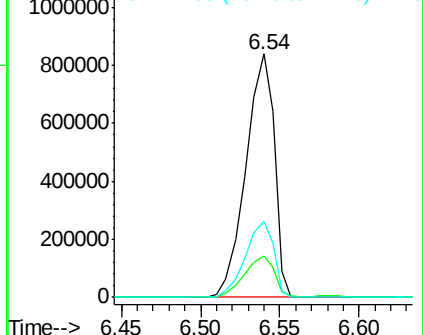
99 100

42 17.1 14.5 21.7

71 31.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.33 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

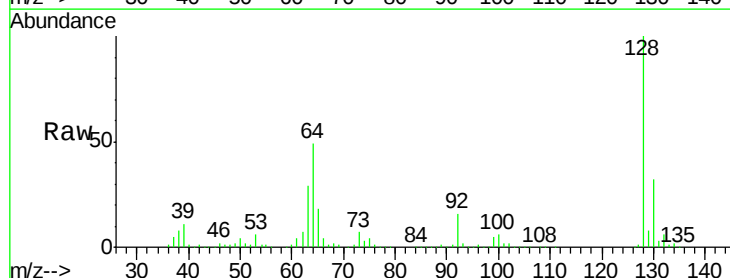
Tgt Ion: 128 Resp: 472850

Ion Ratio Lower Upper

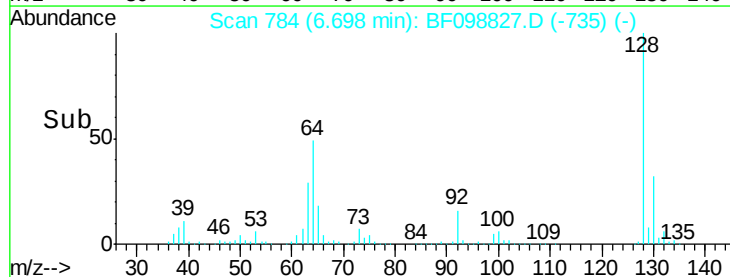
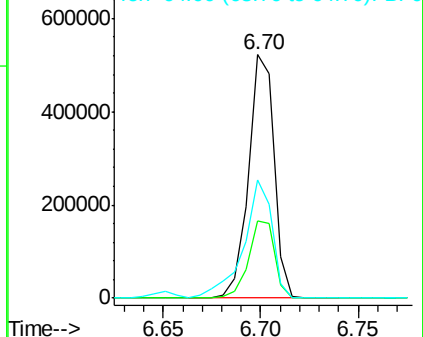
128 100

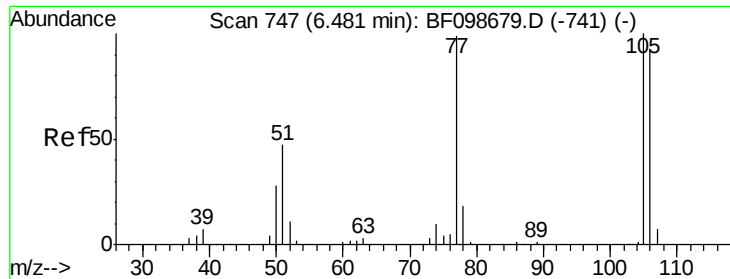
130 31.8 13.0 53.0

64 48.8 29.4 69.4



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): BF0





#9

Benzaldehyde

Concen: 36.98 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Instrument :

BNA_F

ClientSampleId :

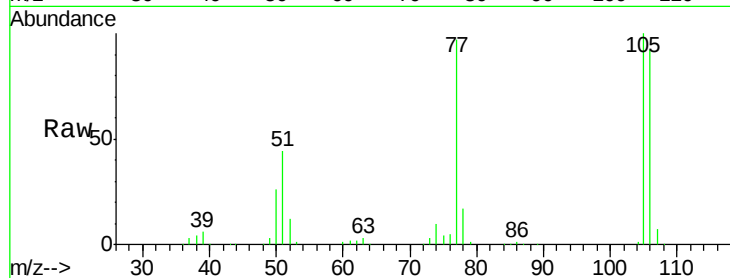
Tot Ion: 77 Resp: 280993

Ion Ratio Lower Upper

77 100

105 103.2 81.1 121.1

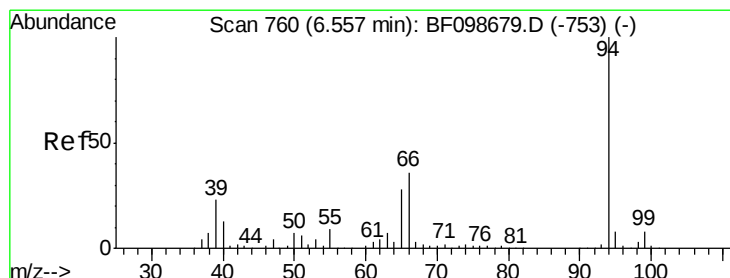
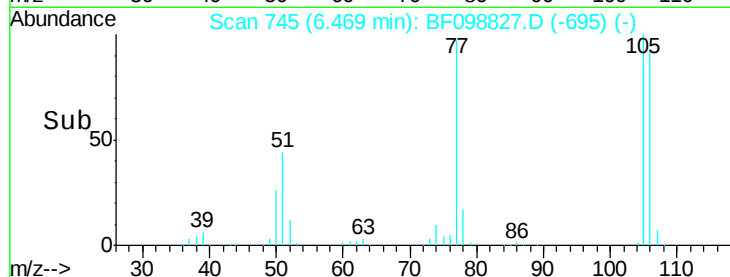
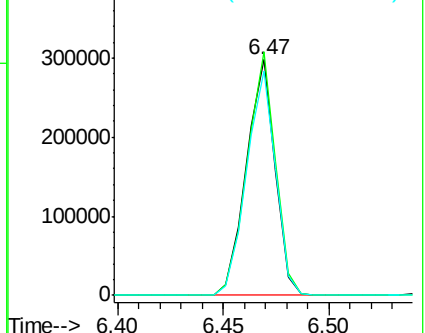
106 95.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.71 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

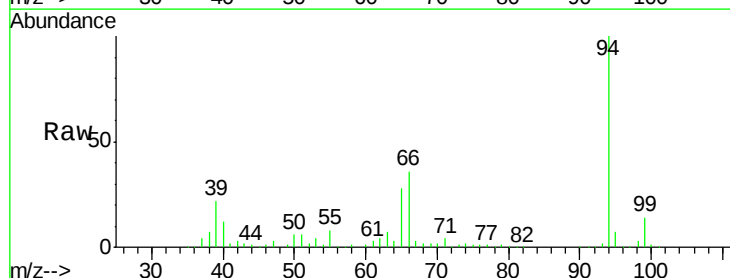
Tgt Ion: 94 Resp: 567010

Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

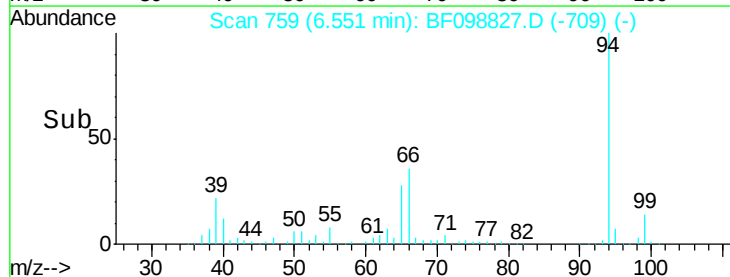
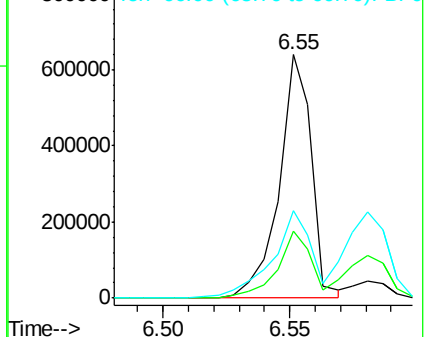
66 36.0 16.2 56.2

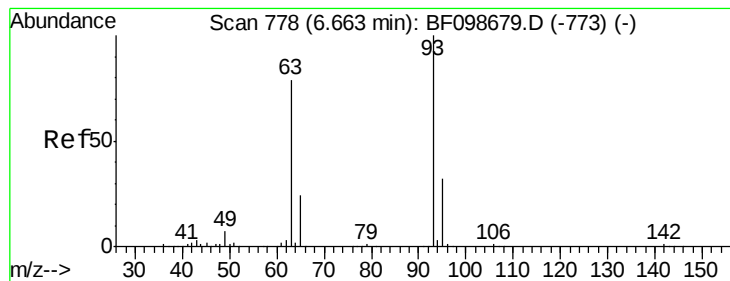


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.17 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Instrument :

BNA_F

ClientSampleId :

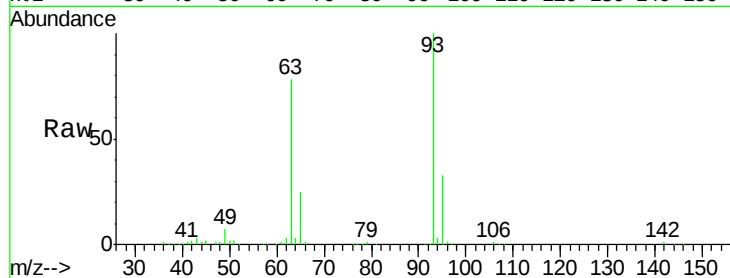
Tot Ion: 93 Resp: 446040

Ion Ratio Lower Upper

93 100

63 78.2 58.6 98.6

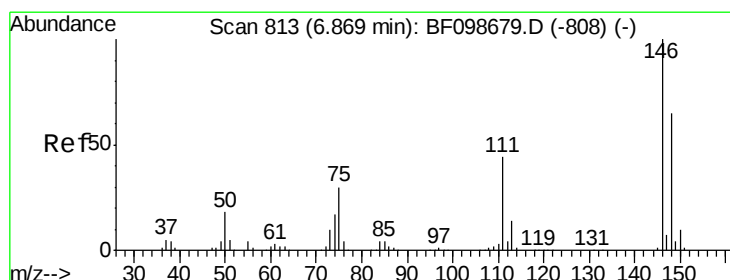
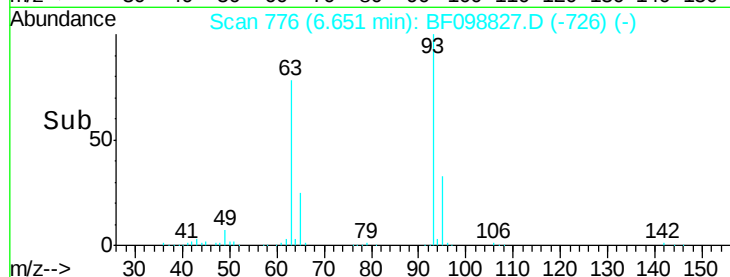
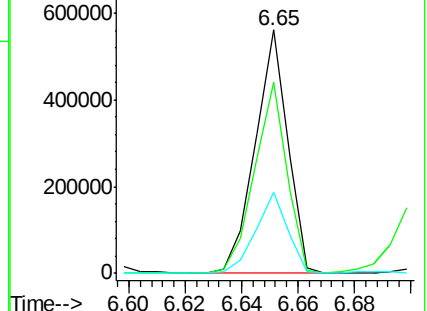
95 33.3 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.36 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

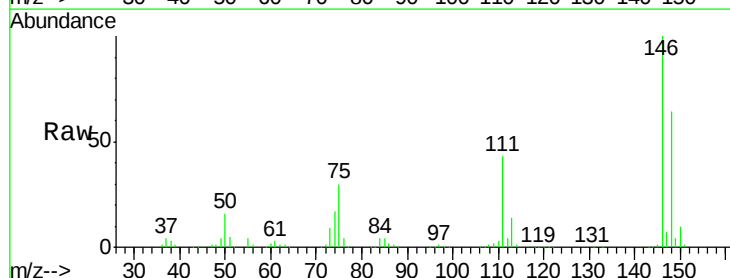
Tgt Ion: 146 Resp: 495650

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

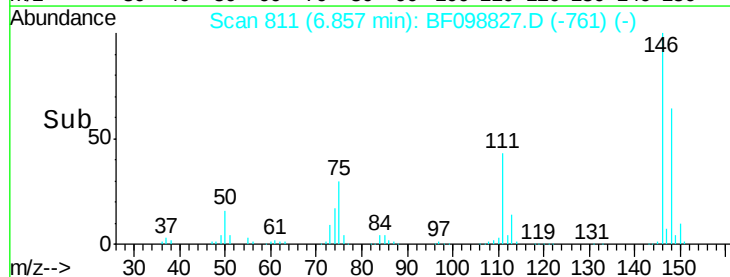
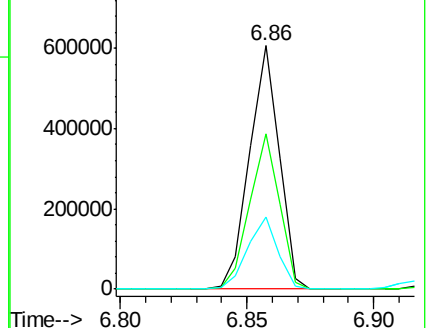
75 29.7 24.2 36.4

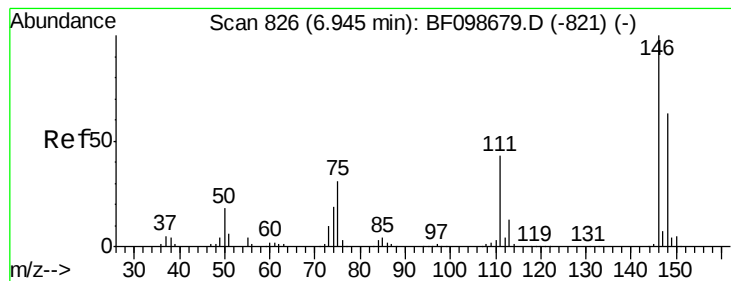


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 38.83 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Instrument :

BNA_F

ClientSampleId :

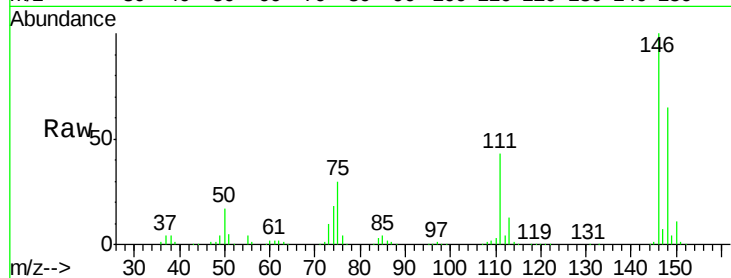
Tot Ion:146 Resp: 497535

Ion Ratio Lower Upper

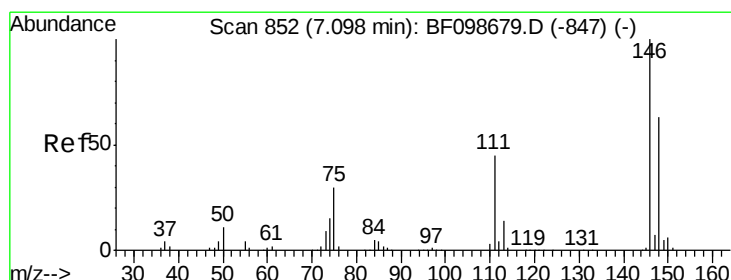
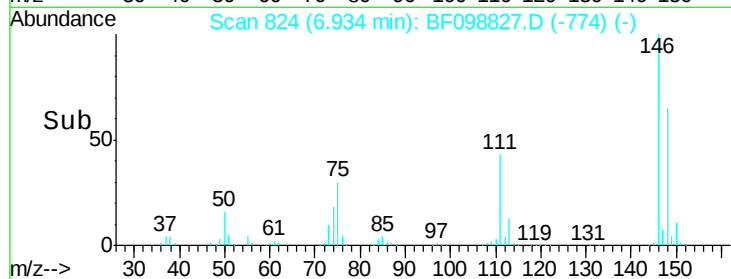
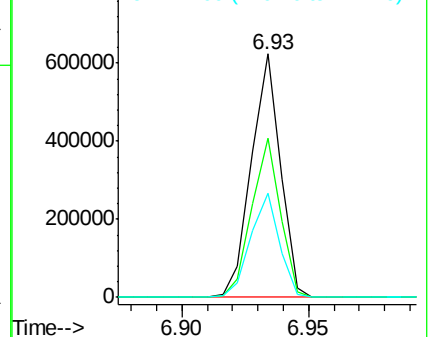
146 100

148 65.2 50.8 76.2

111 42.8 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.00 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

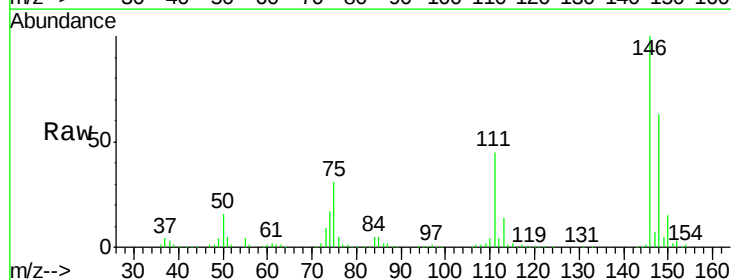
Tgt Ion:146 Resp: 461749

Ion Ratio Lower Upper

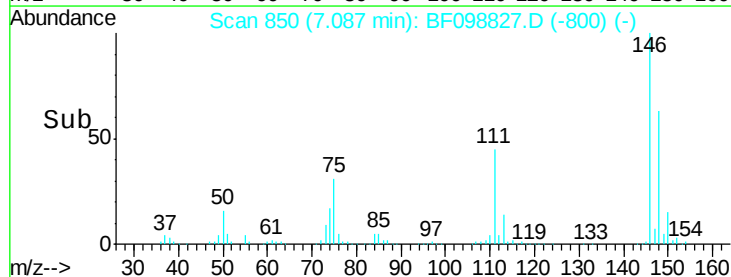
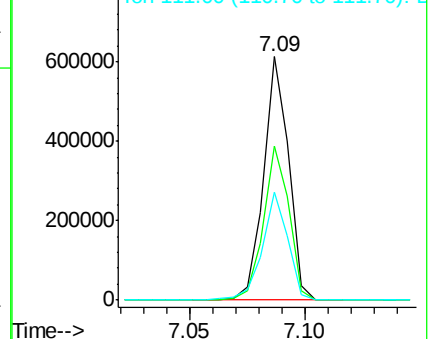
146 100

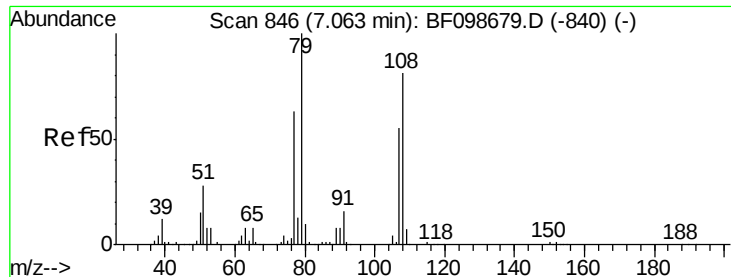
148 63.4 50.6 75.8

111 44.6 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.26 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Instrument :

BNA_F

ClientSampled :

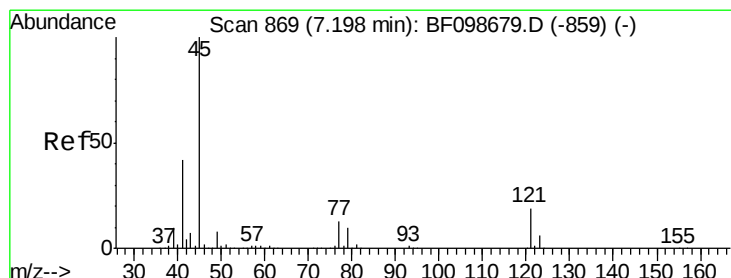
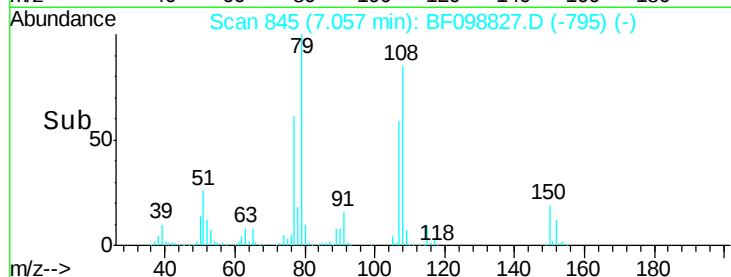
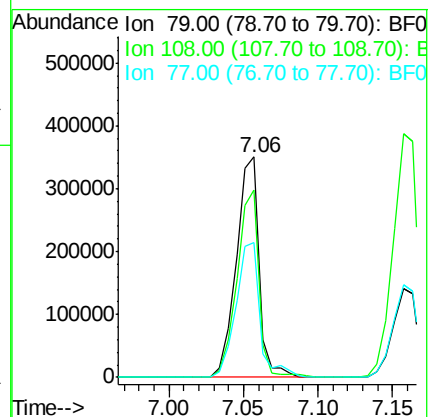
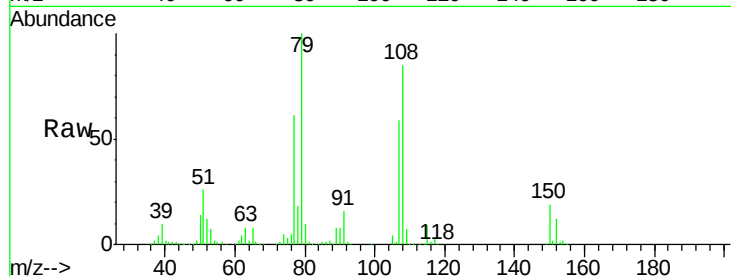
Tot Ion: 79 Resp: 377266

Ion Ratio Lower Upper

79 100

108 85.0 65.1 97.7

77 61.4 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.44 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

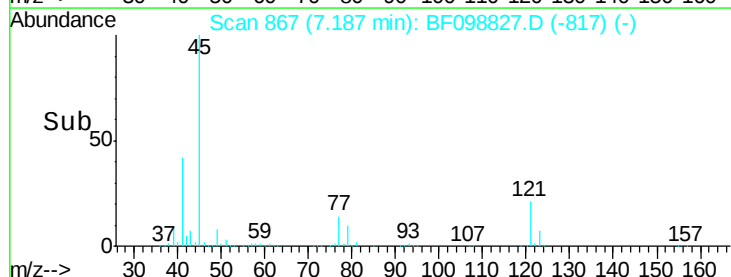
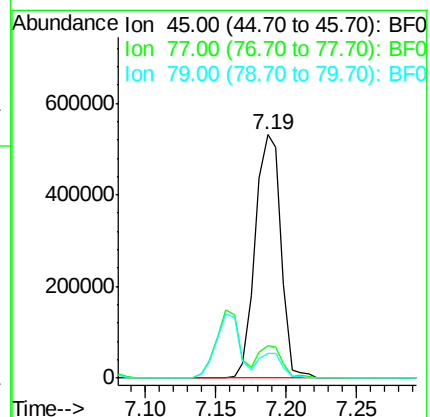
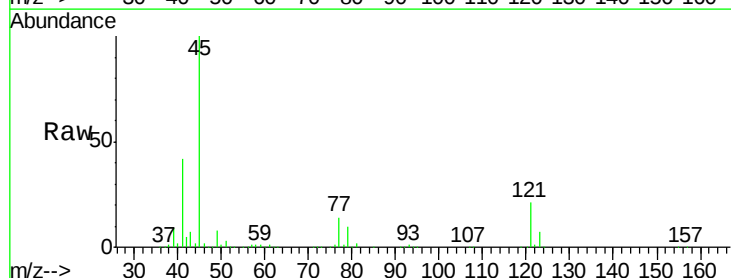
Tgt Ion: 45 Resp: 682037

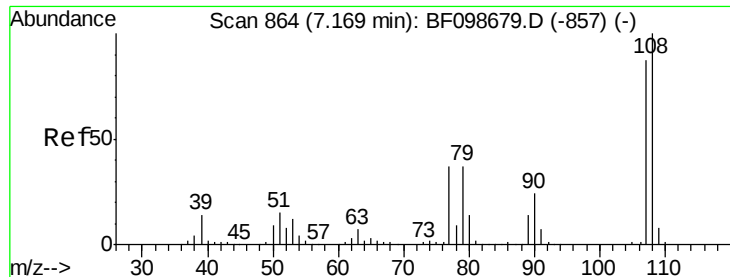
Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.9

79 10.2 0.0 29.6

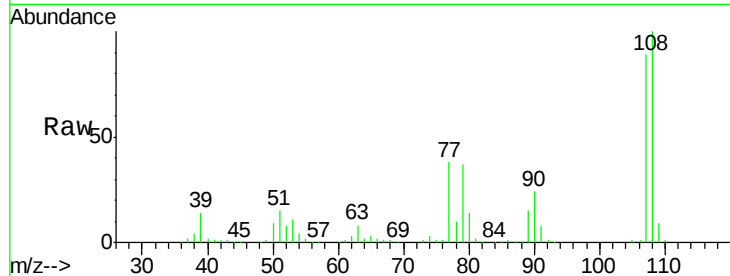




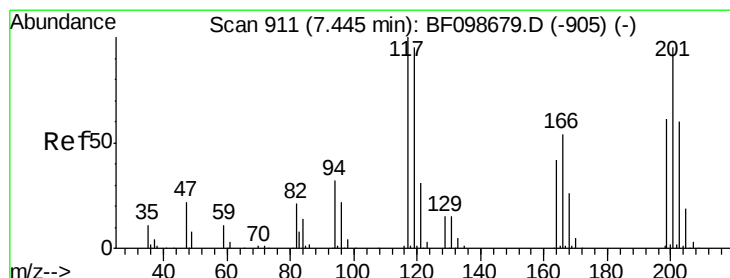
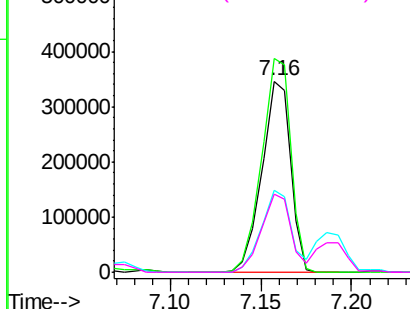
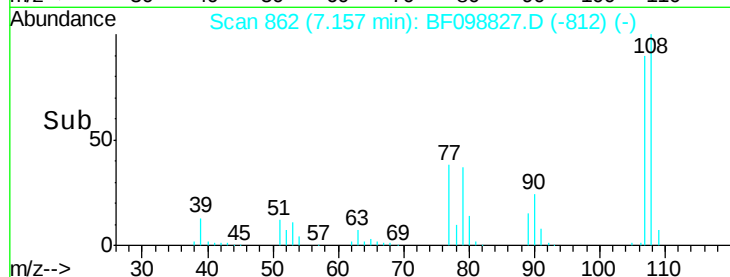
#17
2-Methylphenol
Concen: 38.85 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 382242
Ion Ratio Lower Upper
107 100
108 111.9 91.7 137.5
77 42.7 33.8 50.8
79 41.0 33.8 50.8

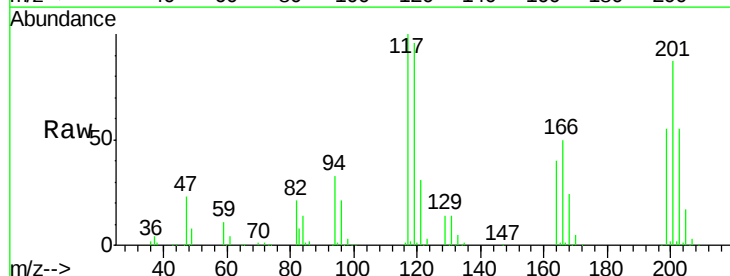


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

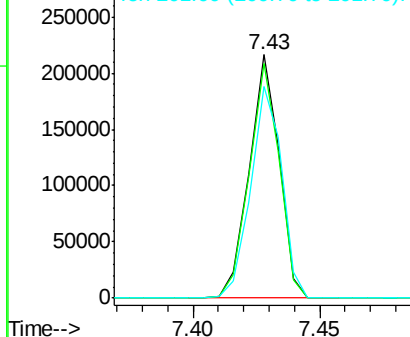
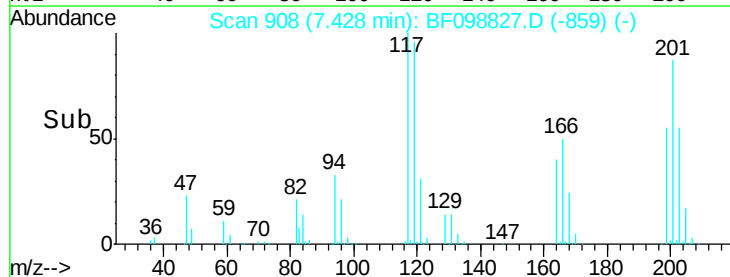


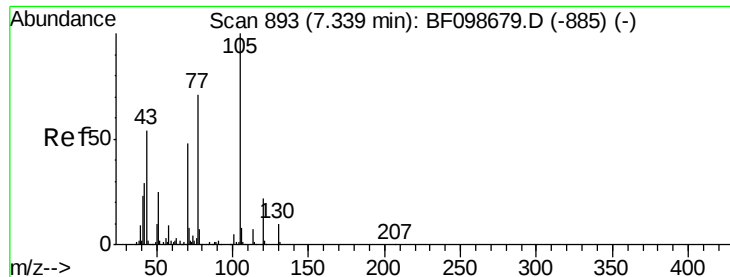
#18
Hexachloroethane
Concen: 38.69 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Tgt Ion:117 Resp: 178157
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.8
201 86.9 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
300000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

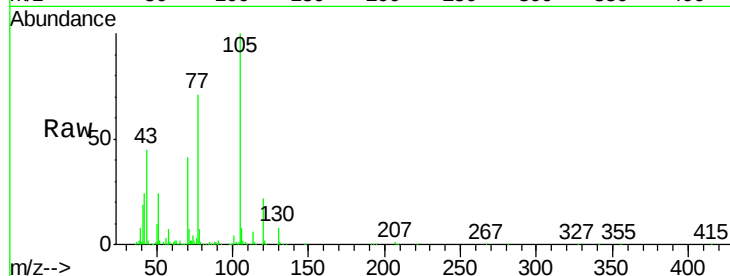




#19
n-Nitroso-di-n-propylamine
Concen: 37.51 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.8	47.5	71.3
101	9.5	7.4	11.2
130	20.9	16.6	25.0



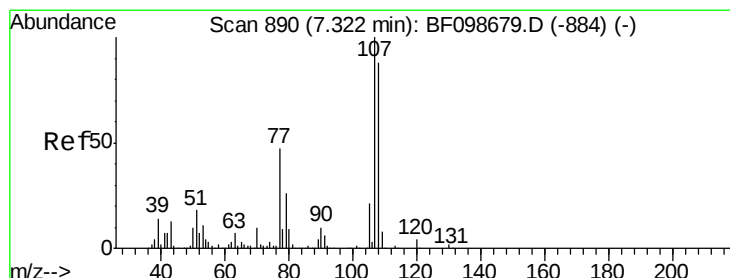
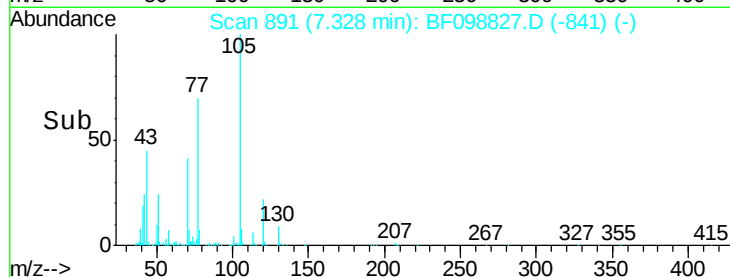
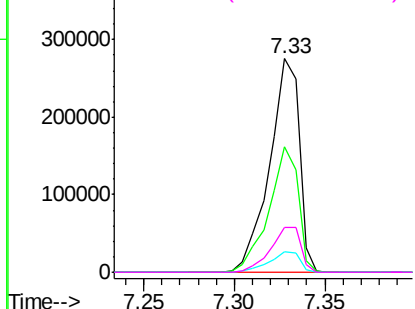
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20
3+4-Methylphenols
Concen: 38.38 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	68.2	108.2
77	62.2	26.7	66.7
79	27.3	6.3	46.3

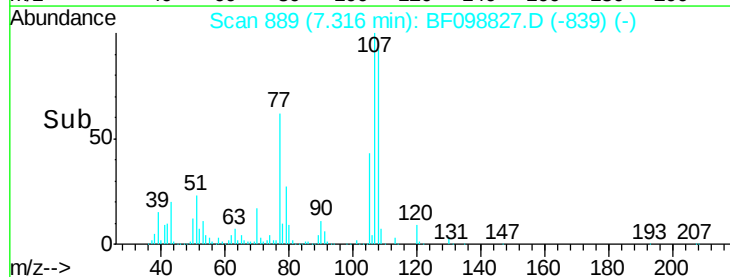
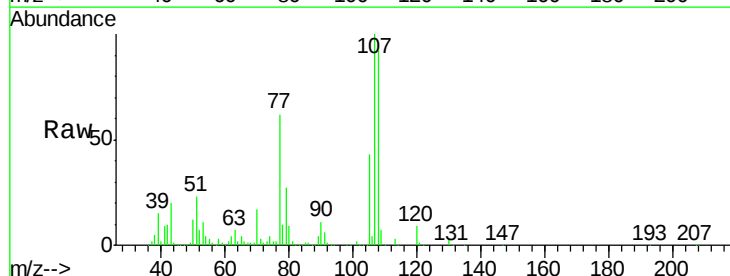
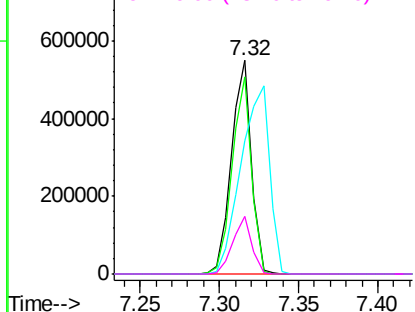
Abundance

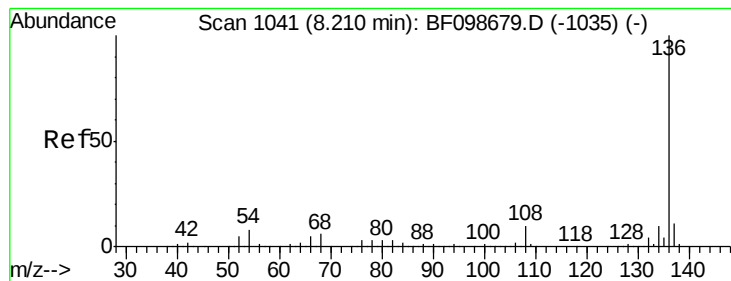
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 706615

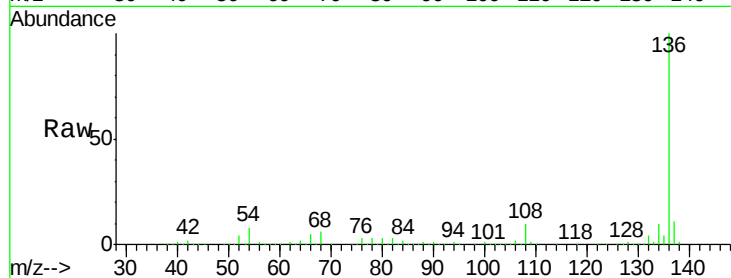
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.9 6.6 9.8

68 6.3 5.0 7.4

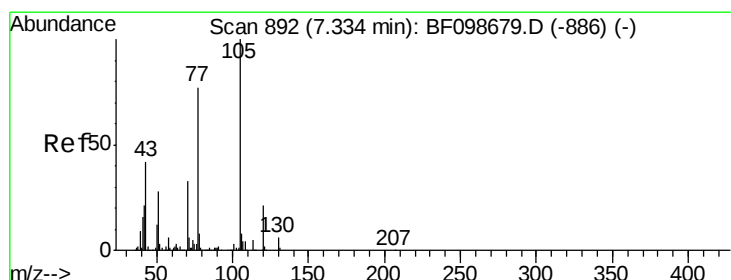
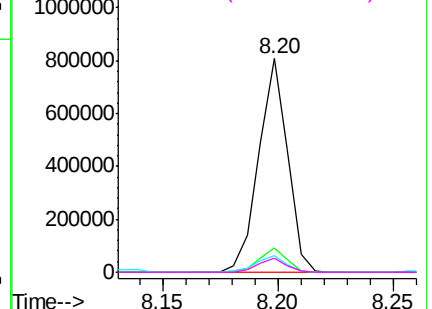
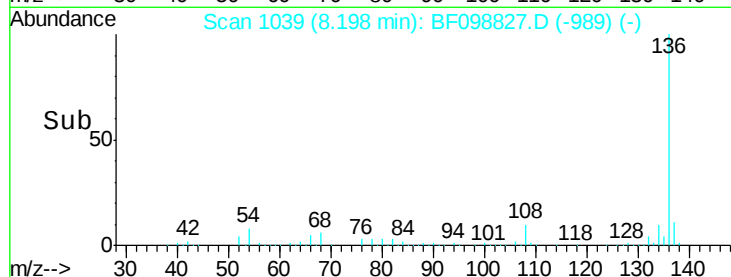


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.79 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Tgt Ion:105 Resp: 647049

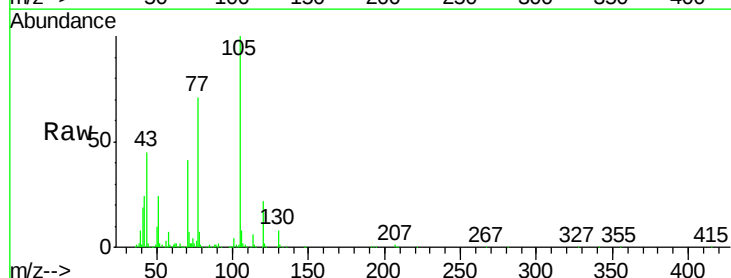
Ion Ratio Lower Upper

105 100

71 6.8 4.4 6.6#

51 24.2 22.3 33.5

120 21.9 16.9 25.3

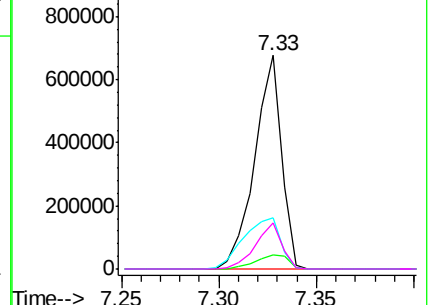
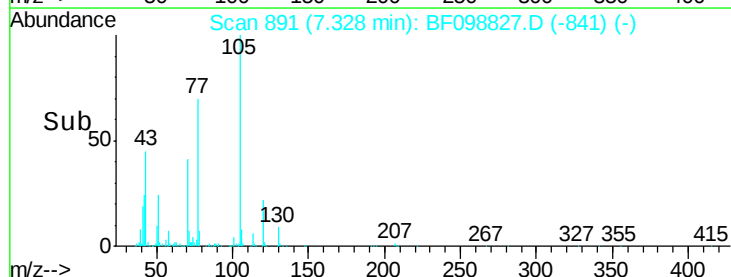


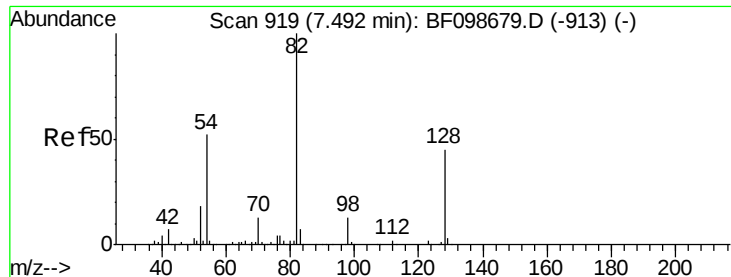
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

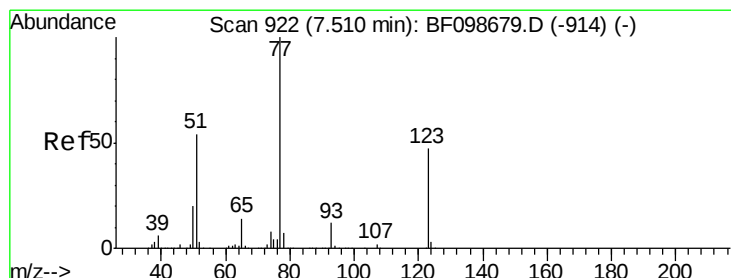
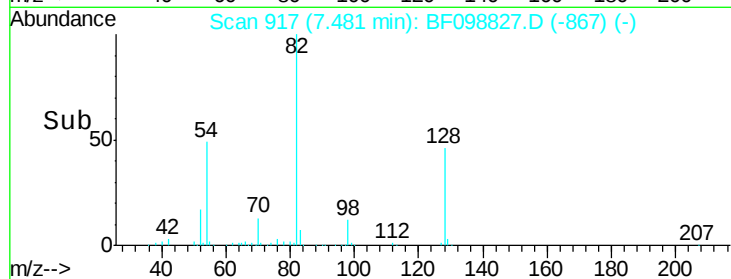
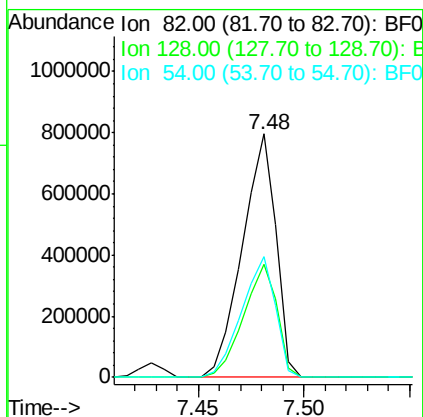
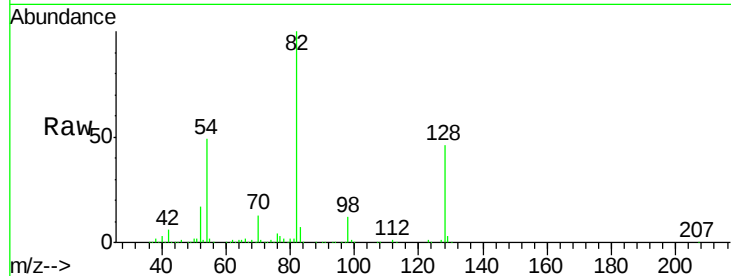




#23
Nitrobenzene-d5
Concen: 79.66 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

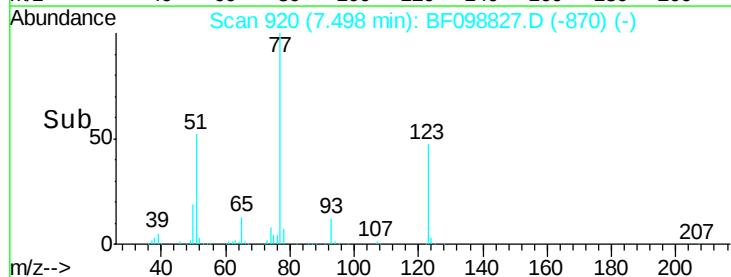
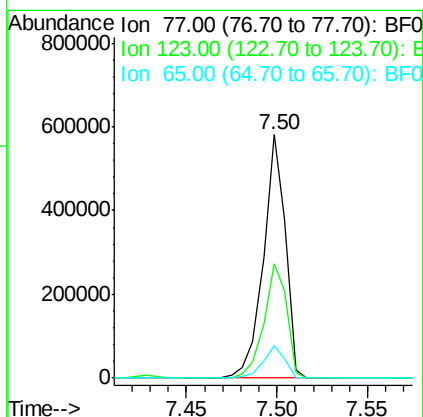
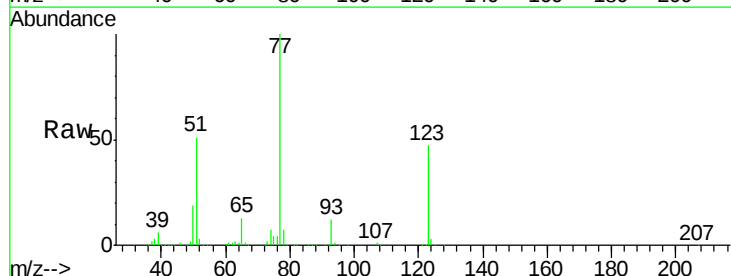
Instrument :
BNA_F
ClientSampled :

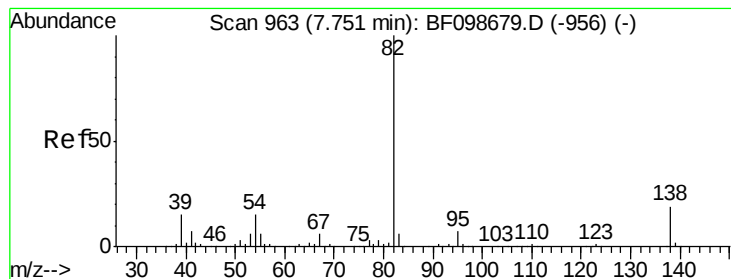
Tot Ion	82	Resp	877741
Ion Ratio	Lower	Upper	
82	100		
128	46.3	36.1	54.1
54	49.4	41.4	62.2



#24
Nitrobenzene
Concen: 39.38 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Tgt Ion	77	Resp	492187
Ion Ratio	Lower	Upper	
77	100		
123	47.2	37.9	56.9
65	13.3	11.0	16.4





#25

Isophorone

Concen: 38.66 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Instrument :

BNA_F

ClientSampleId :

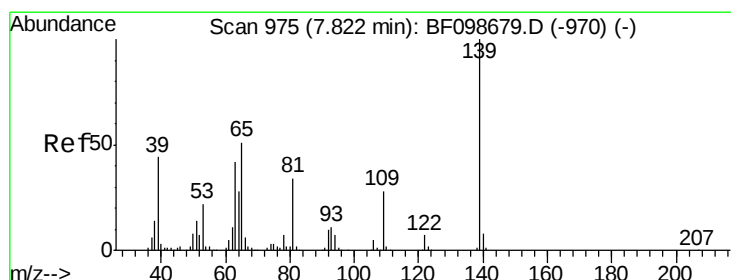
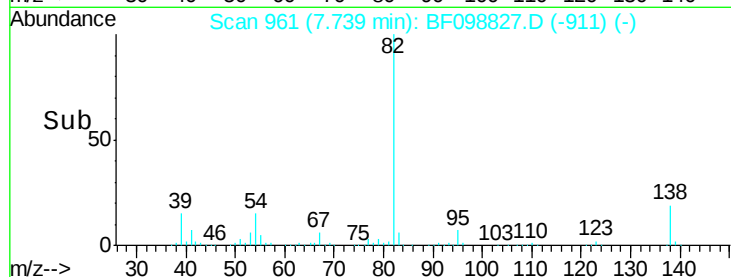
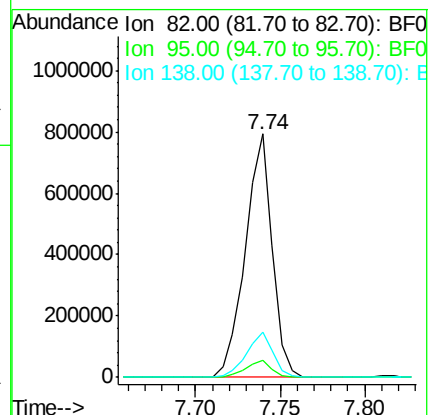
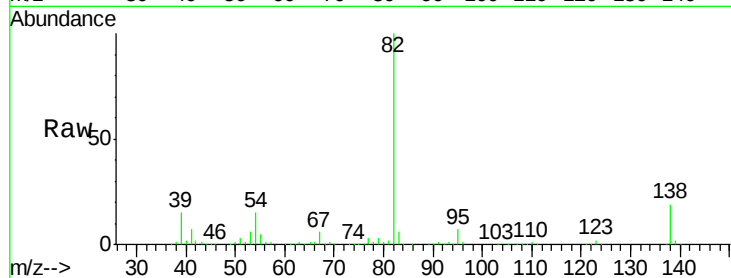
Tot Ion: 82 Resp: 880748

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.8 14.9 22.3



#26

2-Nitrophenol

Concen: 42.70 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

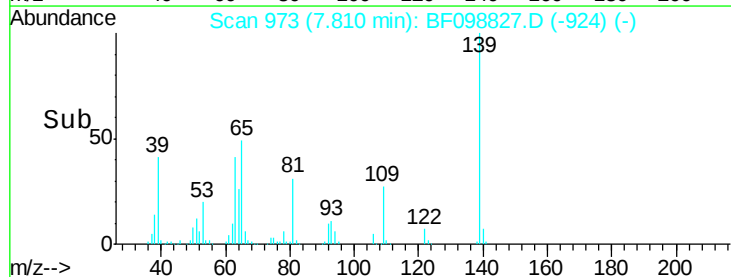
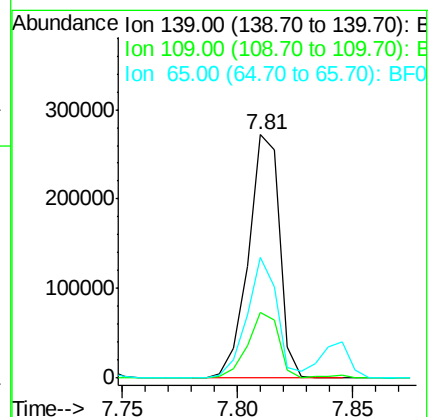
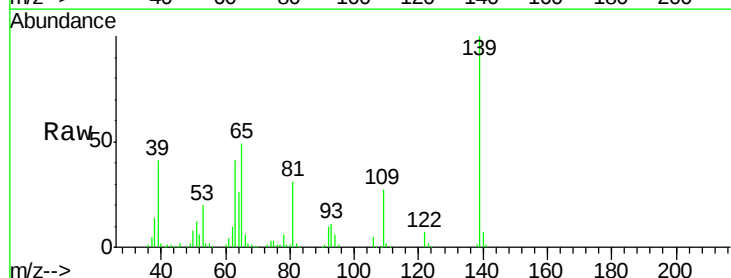
Tgt Ion: 139 Resp: 256627

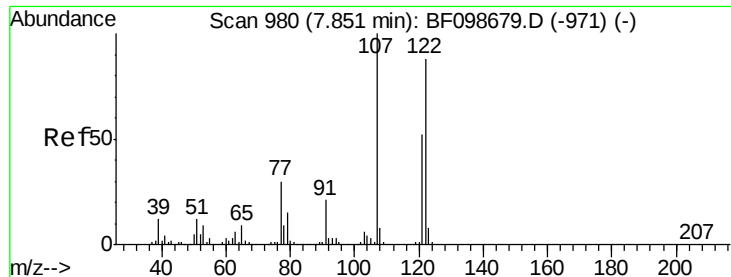
Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

65 49.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 38.45 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Instrument :

BNA_F

ClientSampleId :

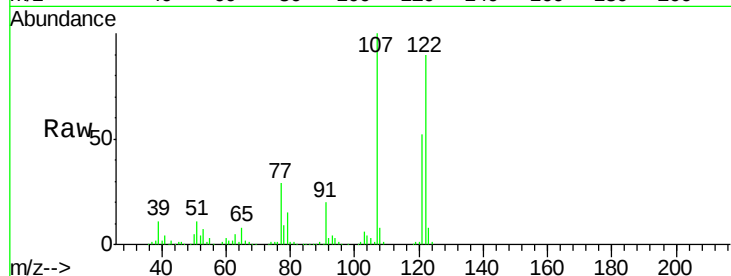
Tot Ion:122 Resp: 436386

Ion Ratio Lower Upper

122 100

107 111.3 91.2 136.8

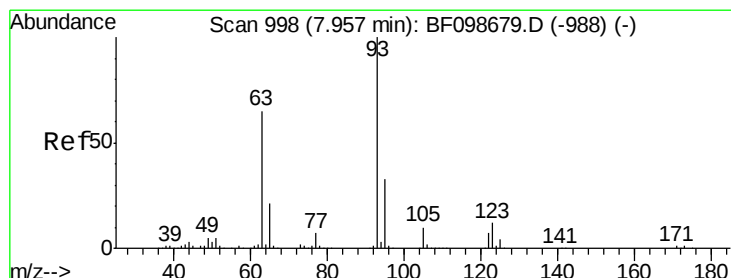
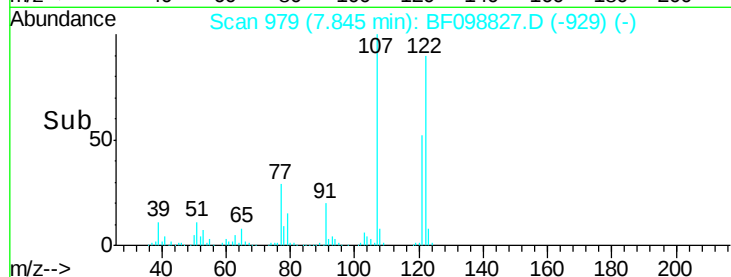
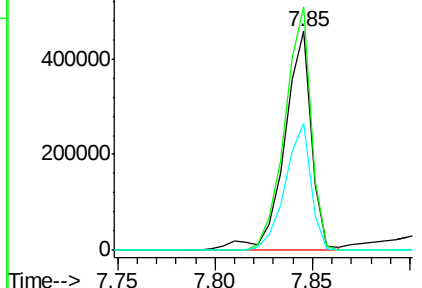
121 58.2 47.2 70.8



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: 39.02 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

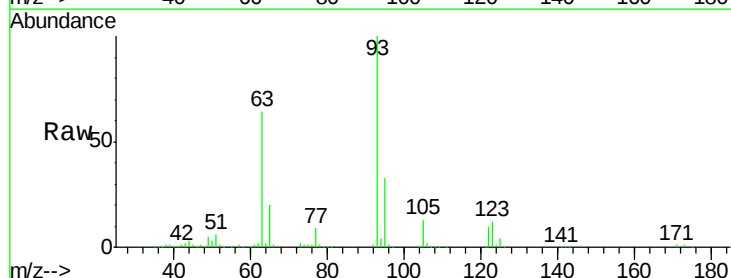
Tgt Ion: 93 Resp: 554015

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

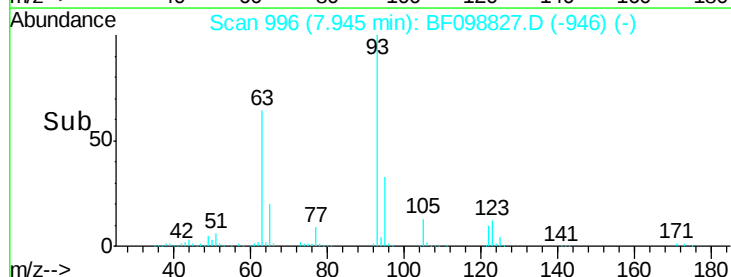
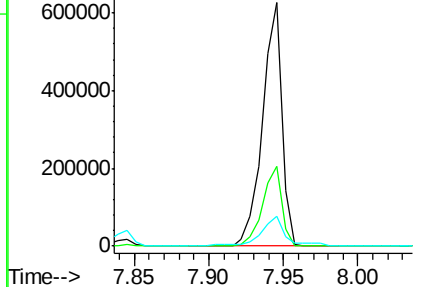
123 12.3 9.8 14.6

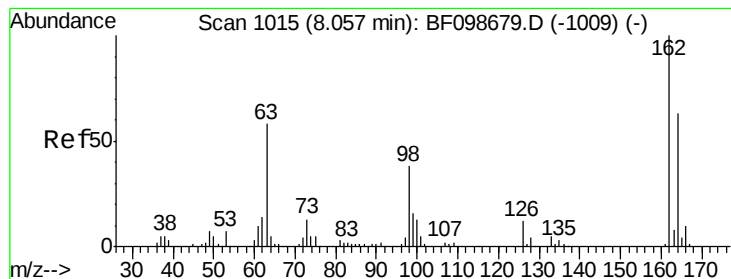


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.67 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Instrument :

BNA_F

ClientSampled :

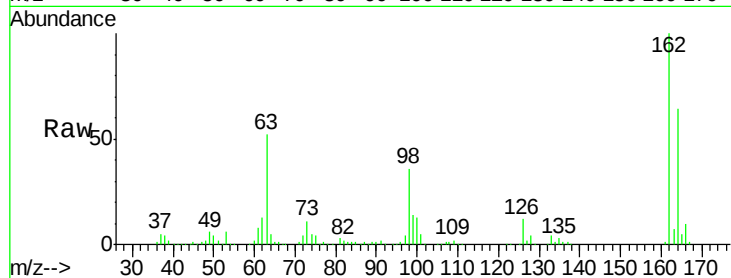
Tot Ion:162 Resp: 386653

Ion Ratio Lower Upper

162 100

164 63.7 42.7 82.7

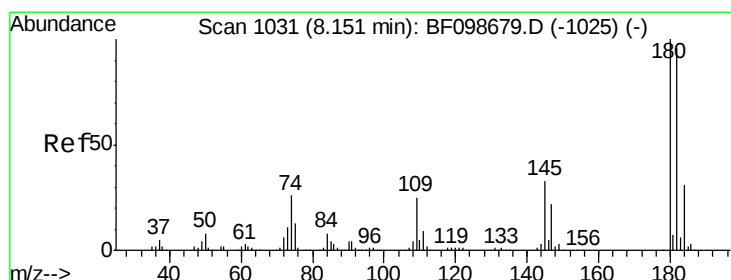
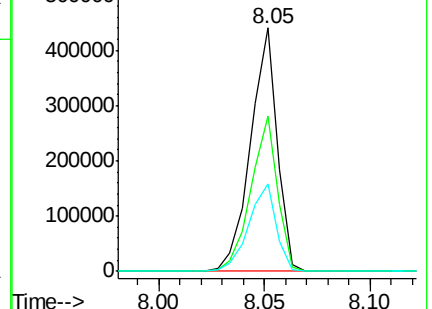
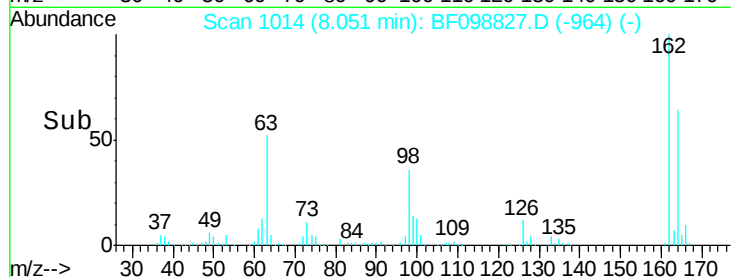
98 35.8 18.1 58.1



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): E



#30

1,2,4-Trichlorobenzene

Concen: 39.45 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

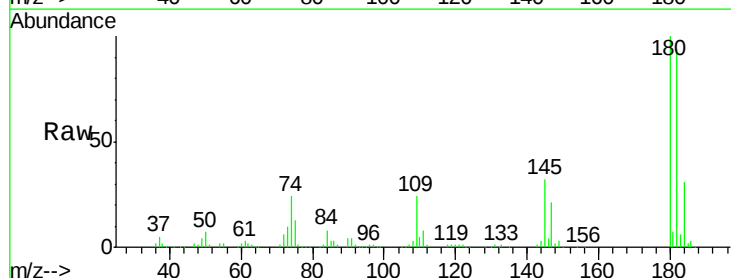
Tgt Ion:180 Resp: 384477

Ion Ratio Lower Upper

180 100

182 93.9 76.8 115.2

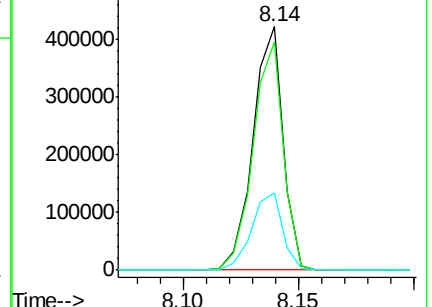
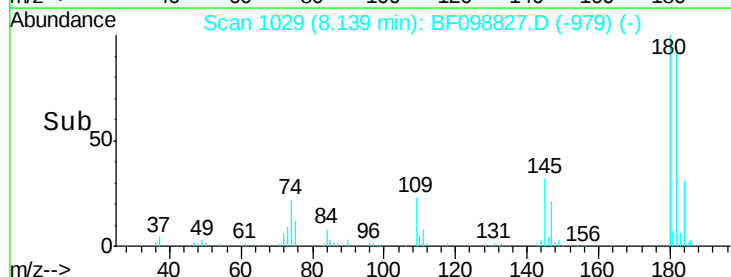
145 31.9 26.5 39.7

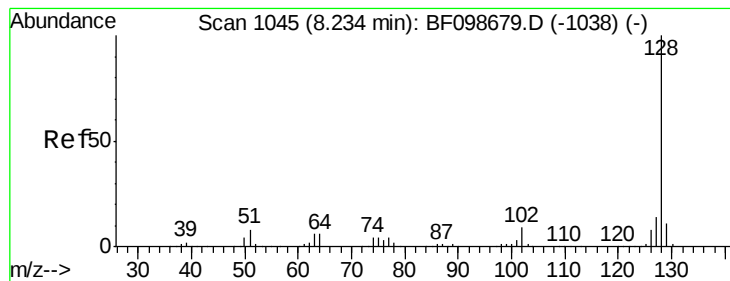


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.22 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Instrument :

BNA_F

ClientSampleId :

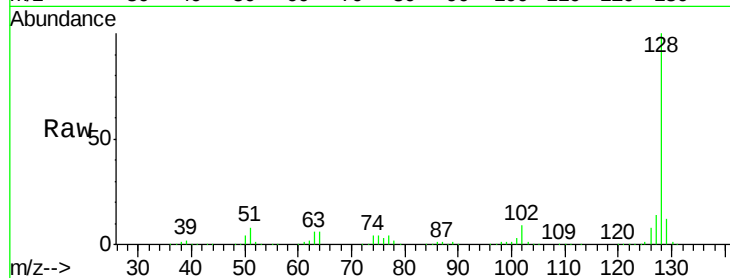
Tot Ion:128 Resp: 1268349

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

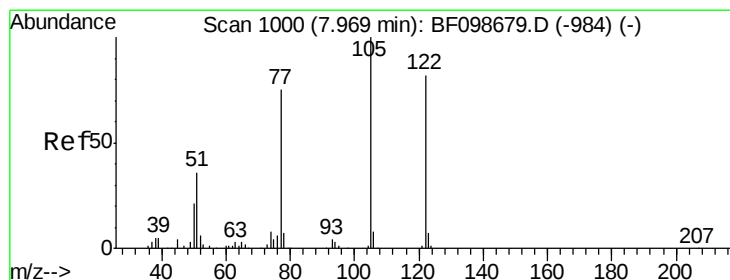
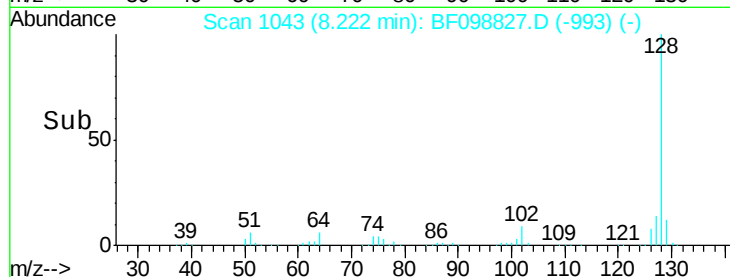
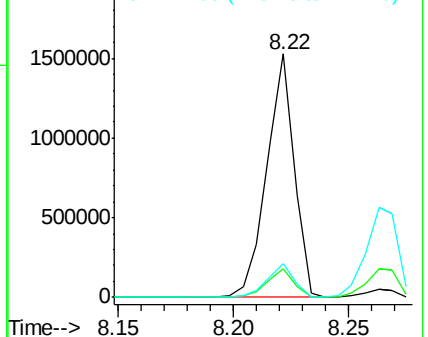
127 13.7 10.9 16.3



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: 40.09 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

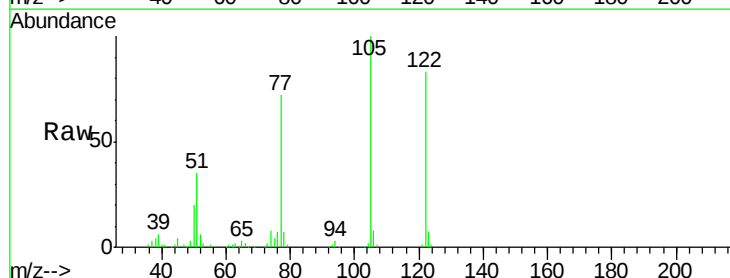
Tgt Ion:122 Resp: 373781

Ion Ratio Lower Upper

122 100

105 121.1 101.1 141.1

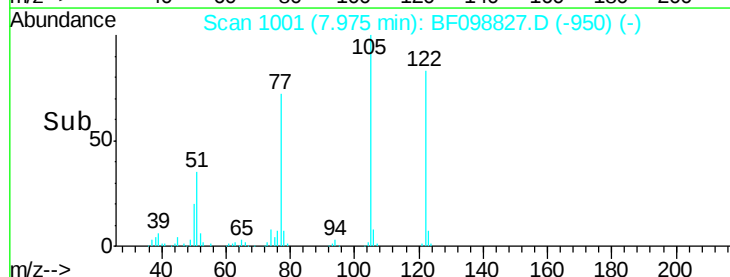
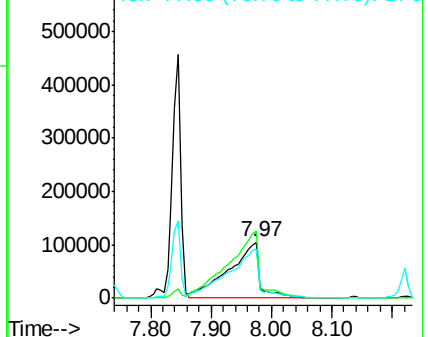
77 87.8 70.7 110.7

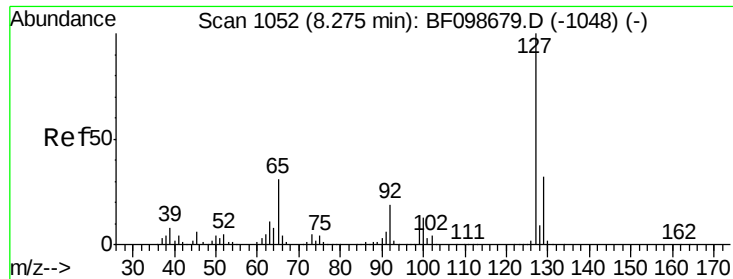


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

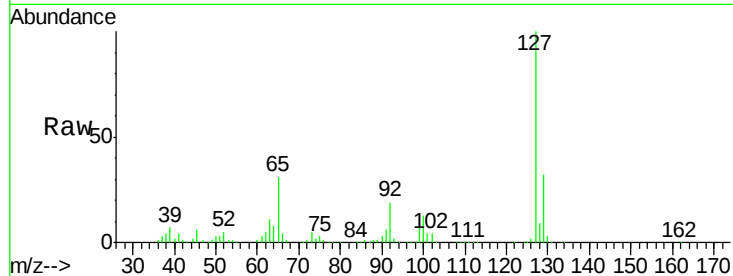




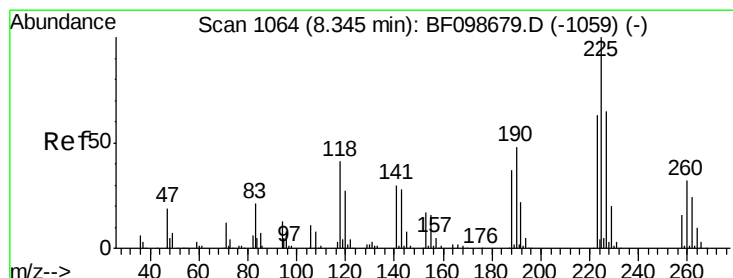
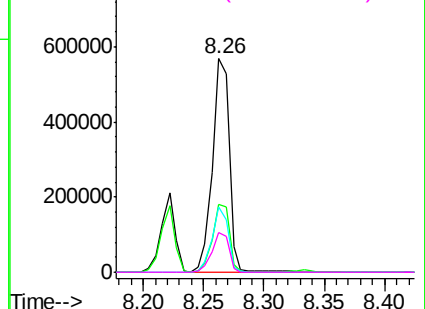
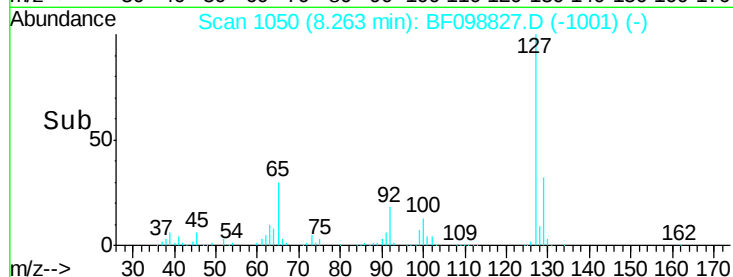
#33
4-Chloroaniline
Concen: 39.40 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	546098
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	30.9	25.0	37.4
92	18.5	15.2	22.8

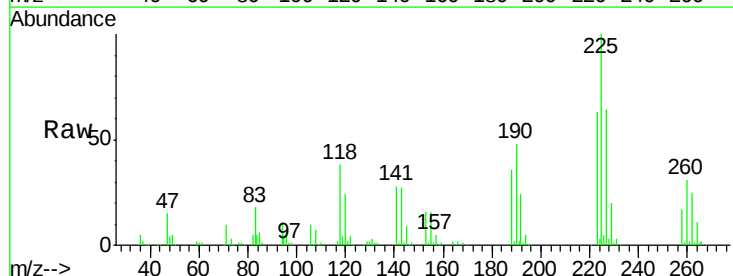


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

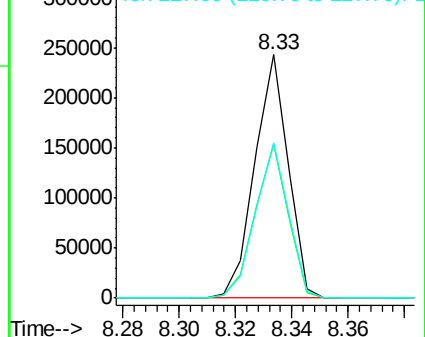
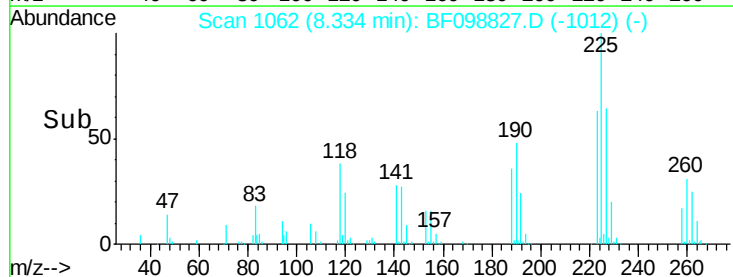


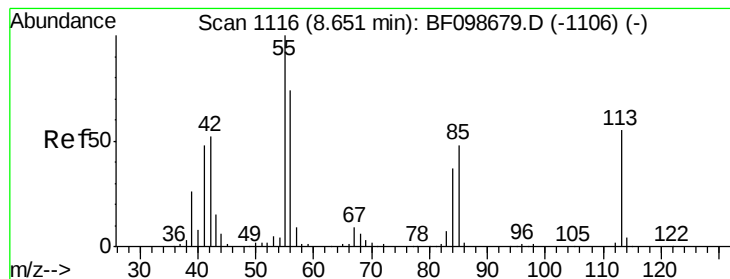
#34
Hexachlorobutadiene
Concen: 39.70 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Tgt Ion:	225	Resp:	199324
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	63.6	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.83 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Instrument :

BNA_F

ClientSampleId :

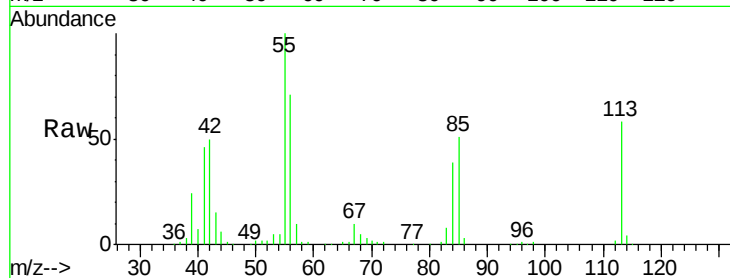
Tot Ion:113 Resp: 121403

Ion Ratio Lower Upper

113 100

55 171.2 163.3 203.3

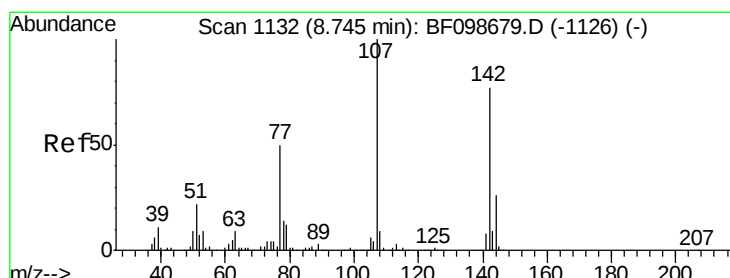
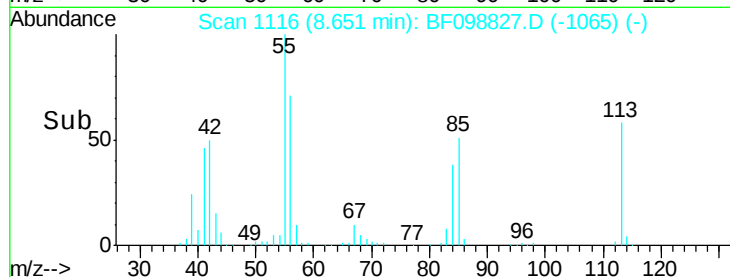
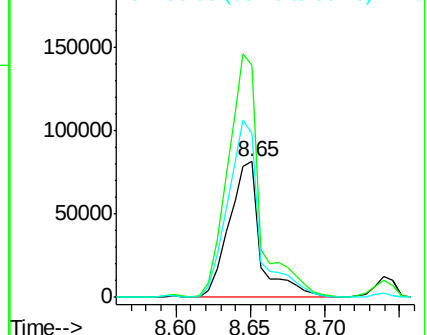
56 121.0 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.87 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

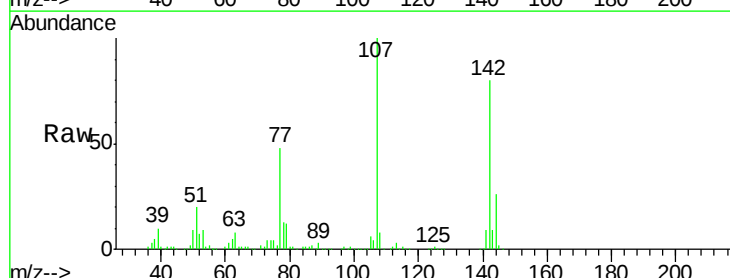
Tgt Ion:107 Resp: 425763

Ion Ratio Lower Upper

107 100

144 26.3 20.5 30.7

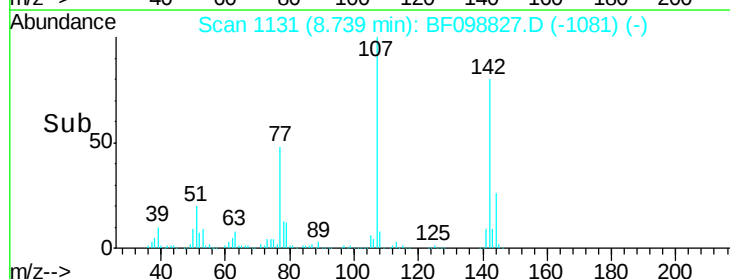
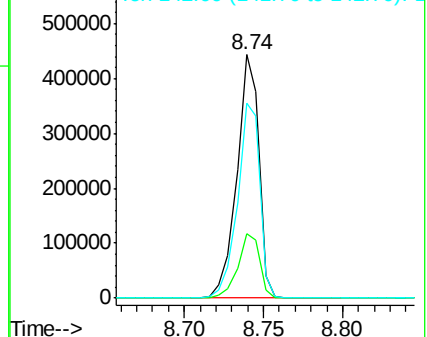
142 79.9 62.0 93.0

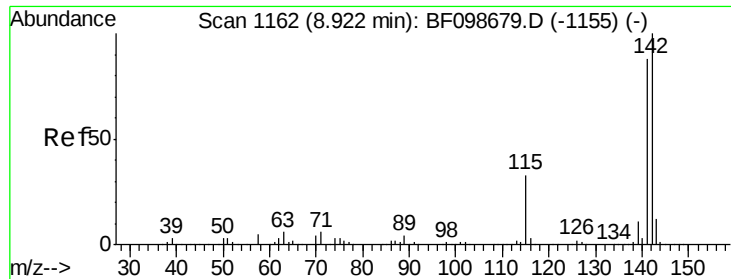


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

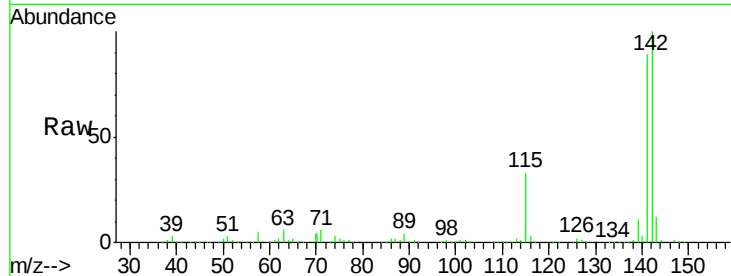




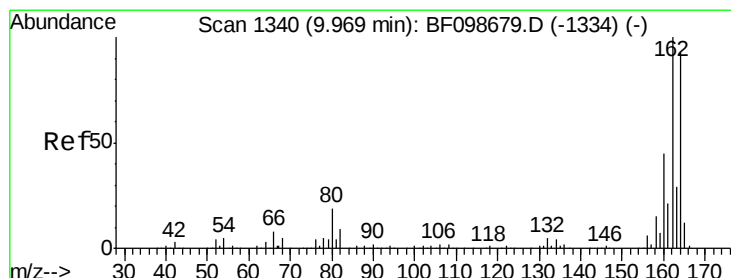
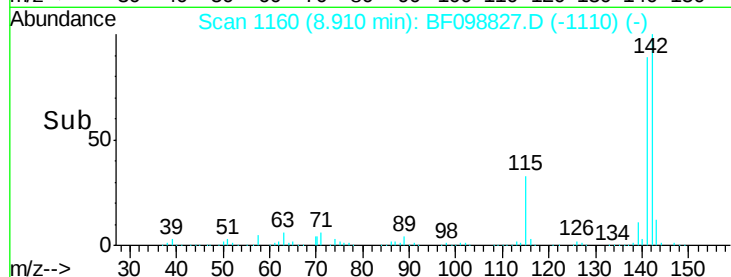
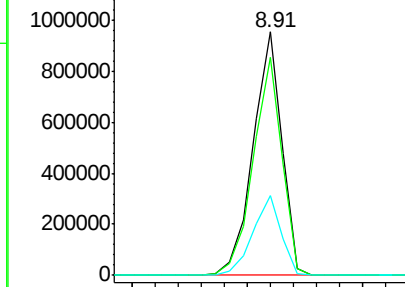
#37
2-Methylnaphthalene
Concen: 38.47 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	32.7	26.1	39.1

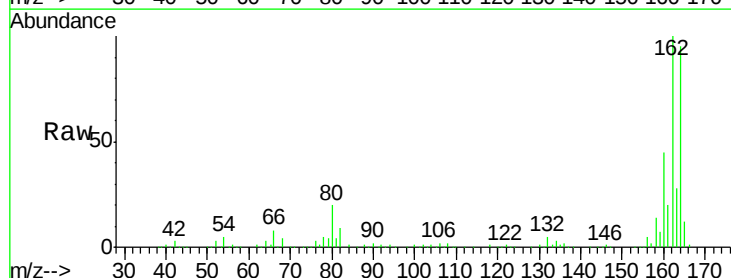


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

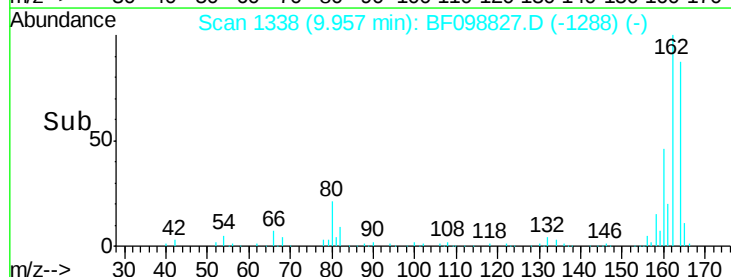
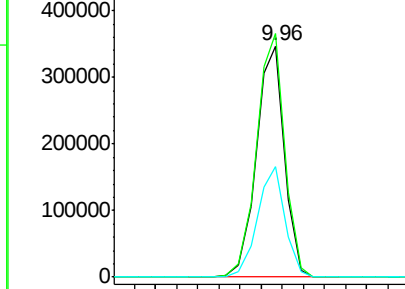


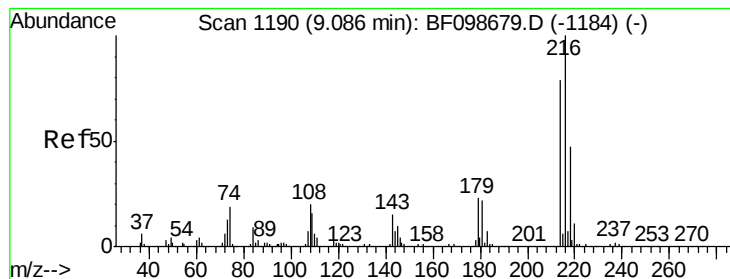
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	47.6	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.26 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 374886

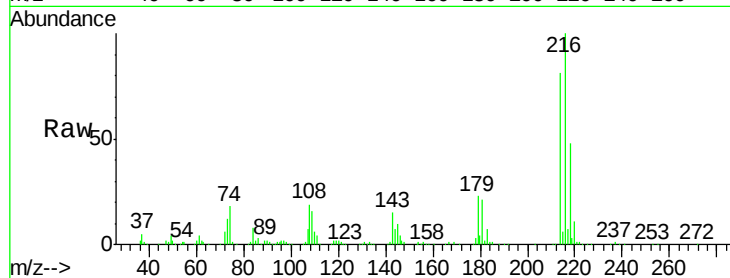
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 22.8 18.1 27.1

108 20.8 17.2 25.8

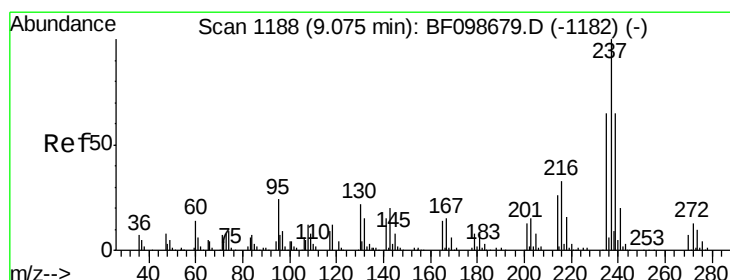
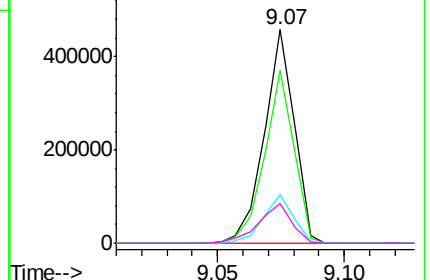
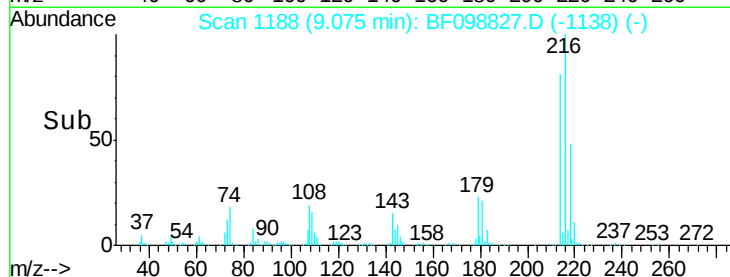


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 38.67 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

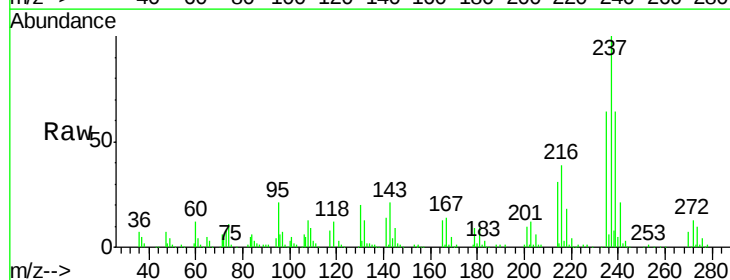
Tgt Ion:237 Resp: 168742

Ion Ratio Lower Upper

237 100

235 63.5 44.8 84.8

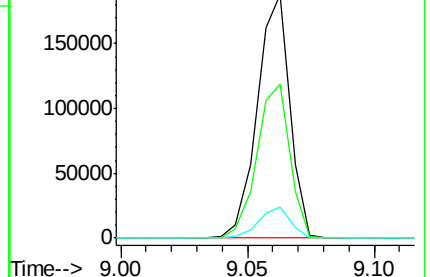
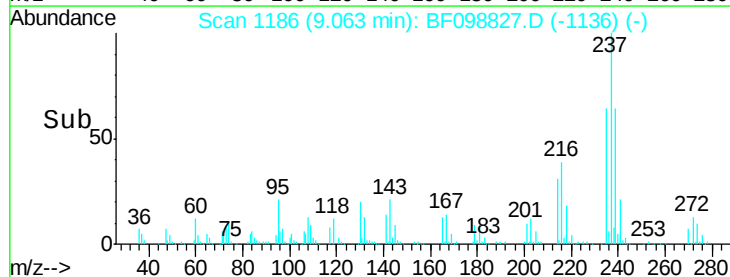
272 12.8 0.0 33.3

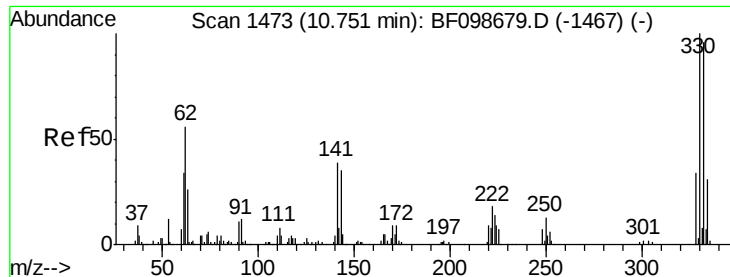


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

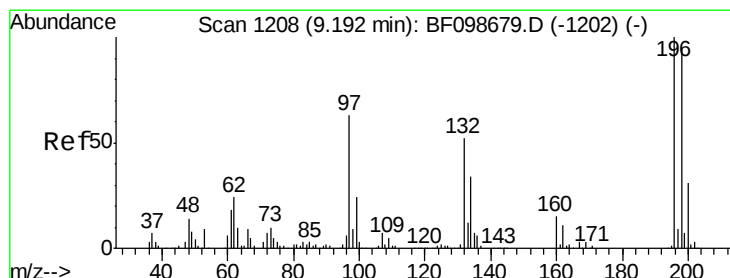
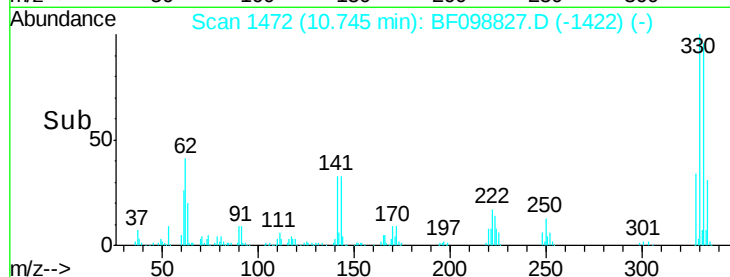
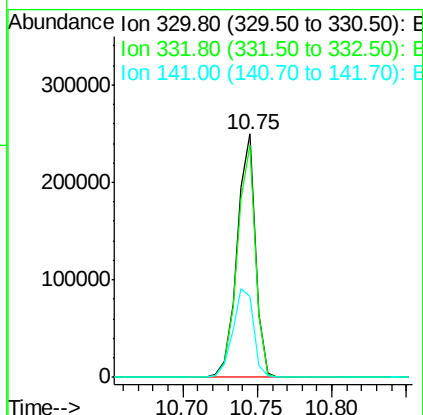
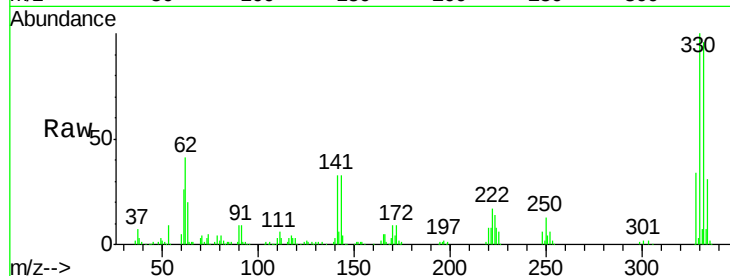




#41
 2,4,6-Tribromophenol
 Concen: 82.21 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

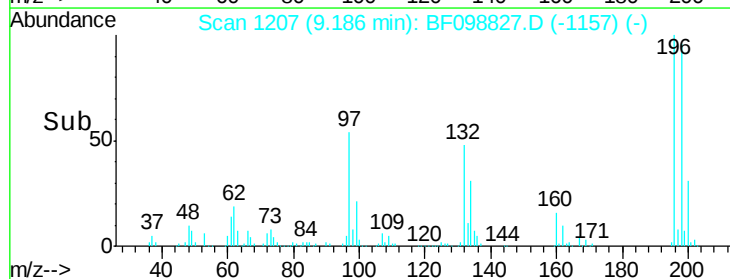
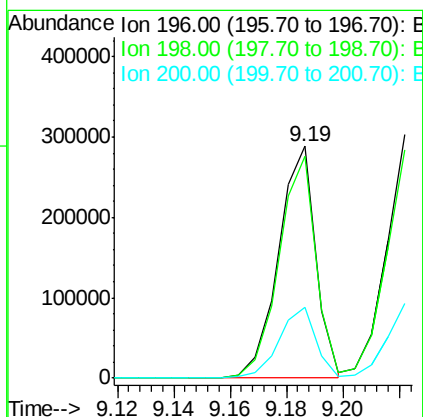
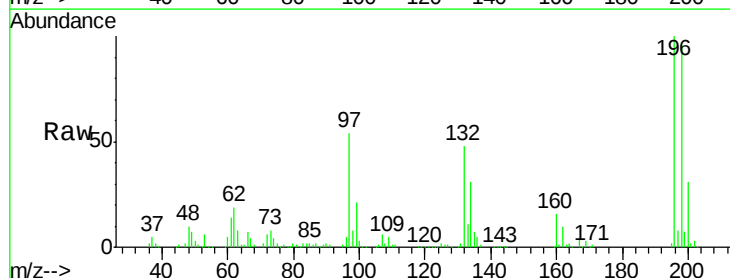
Instrument :
 BNA_F
 ClientSampleId :

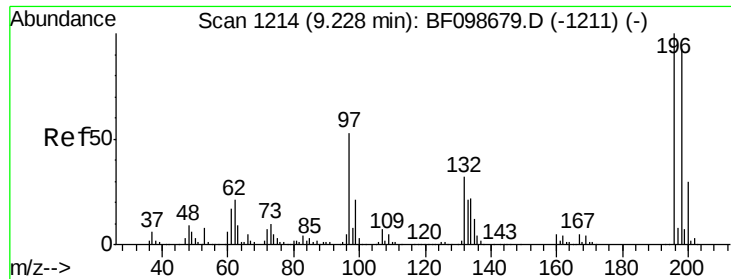
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	41.6	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 38.93 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.7	113.5
200	30.7	24.5	36.7

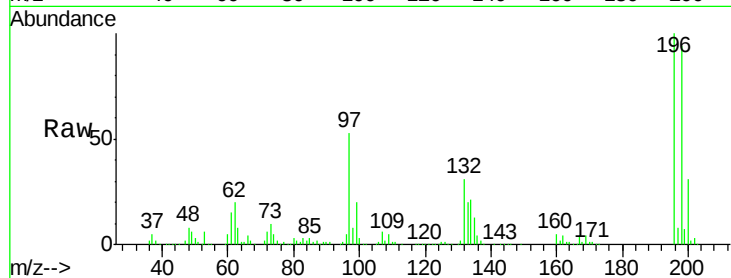




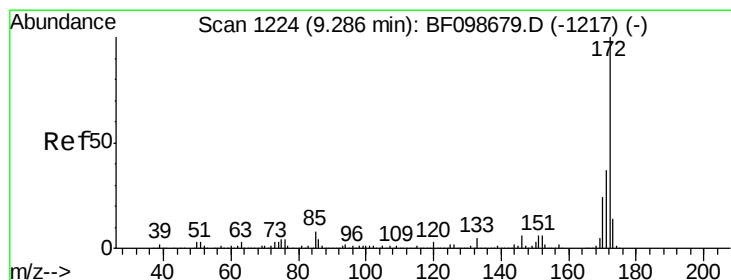
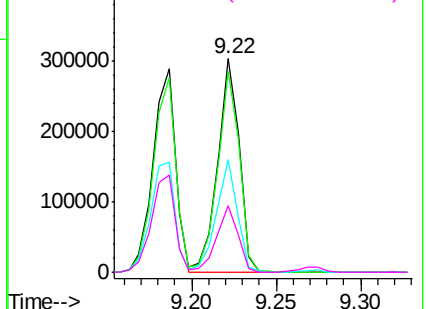
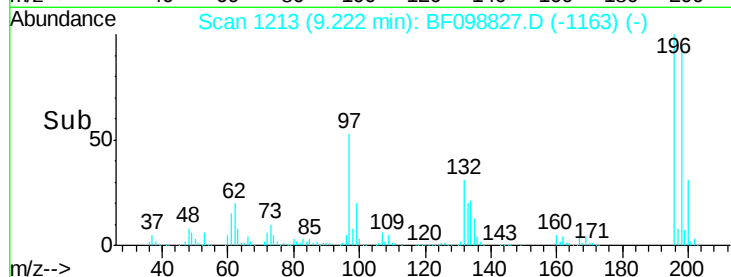
#43
 2,4,5-Trichlorophenol
 Concen: 40.07 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	74.6	112.0
97	52.6	42.9	64.3
132	31.3	26.3	39.5

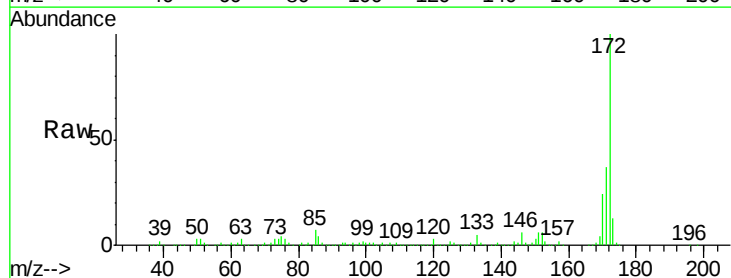


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

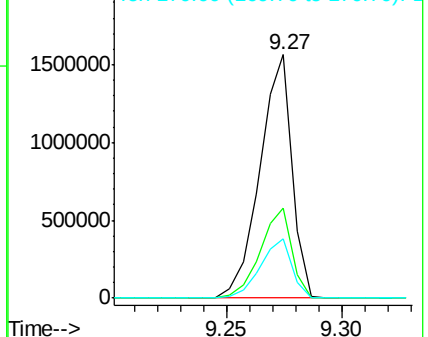
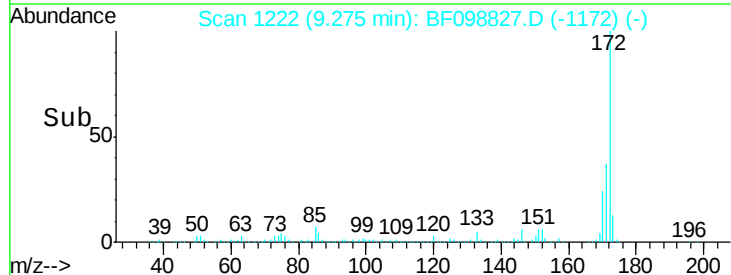


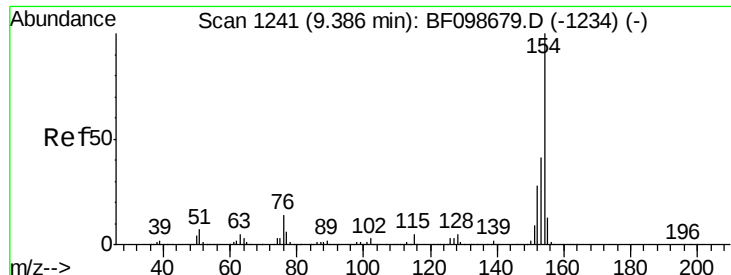
#44
 2-Fluorobiphenyl
 Concen: 78.58 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.3	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 38.60 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Instrument :

BNA_F

ClientSampleId :

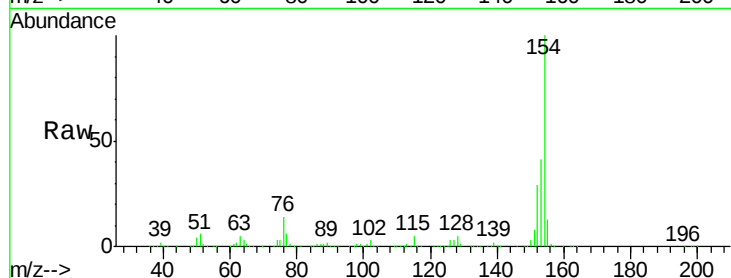
Tot Ion:154 Resp: 1062283

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

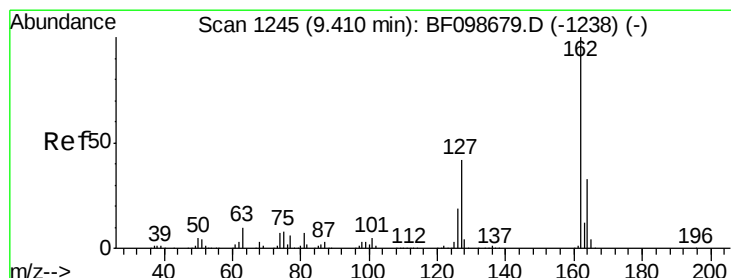
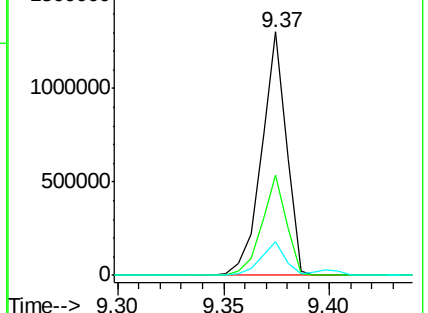
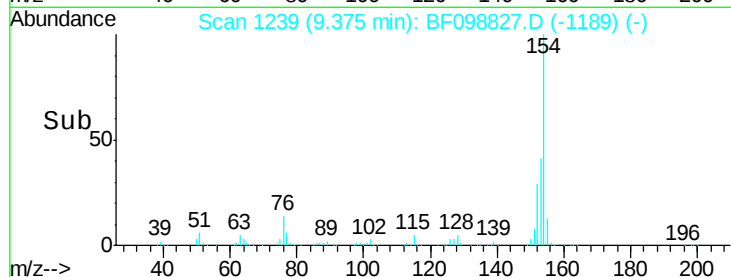
76 13.6 0.0 34.0



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): BF0



#46

2-Chloronaphthalene

Concen: 39.00 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

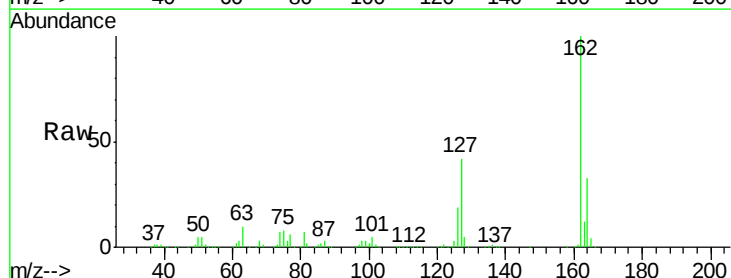
Tgt Ion:162 Resp: 805689

Ion Ratio Lower Upper

162 100

127 41.7 33.9 50.9

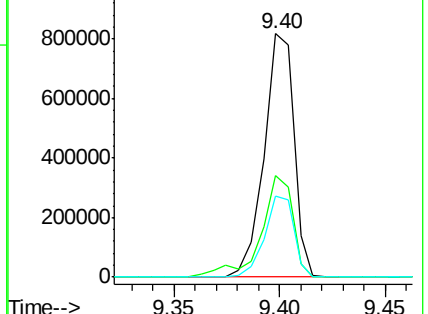
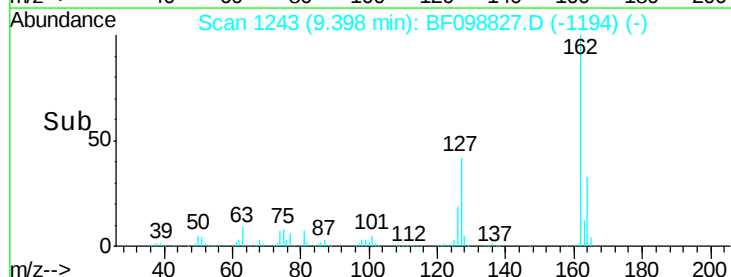
164 33.1 26.5 39.7

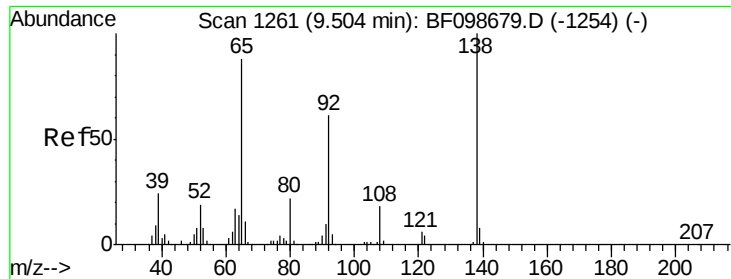


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

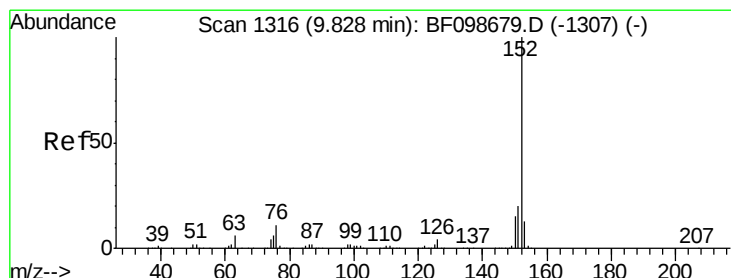
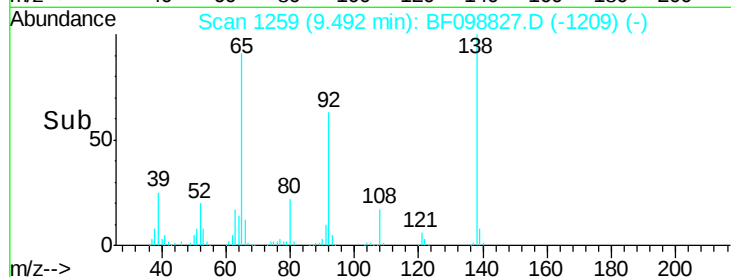
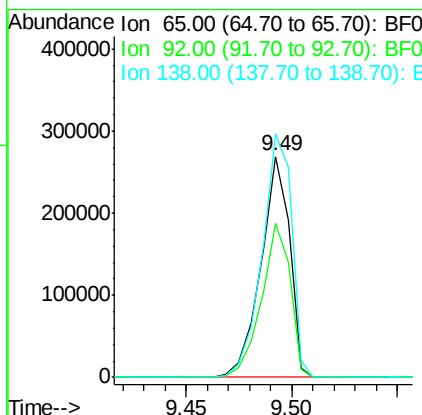
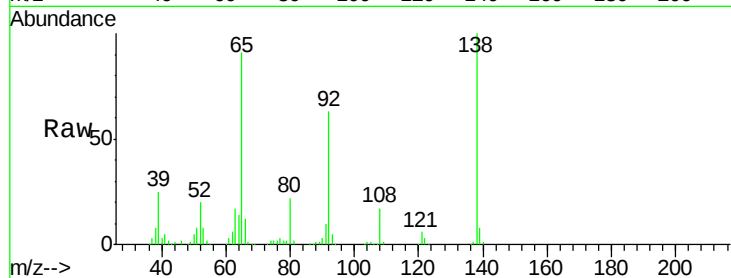




#47
2-Nitroaniline
Concen: 40.17 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

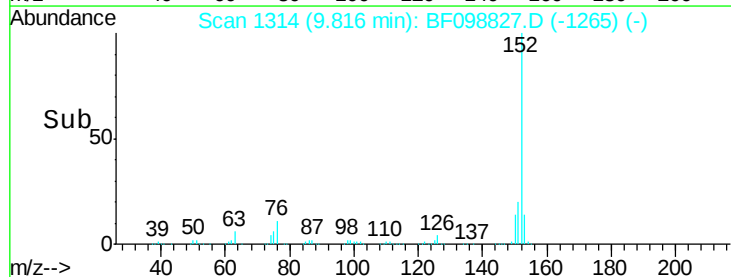
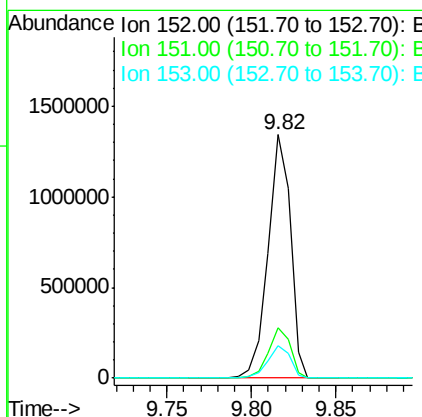
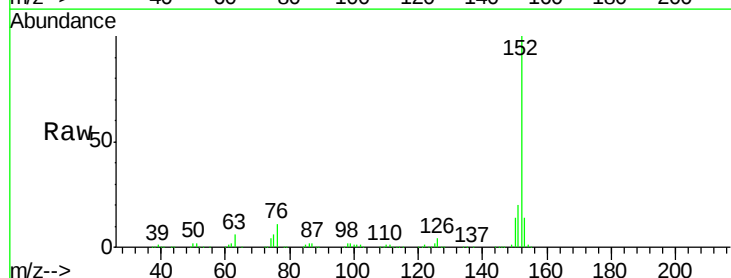
Instrument :
BNA_F
ClientSampleId :

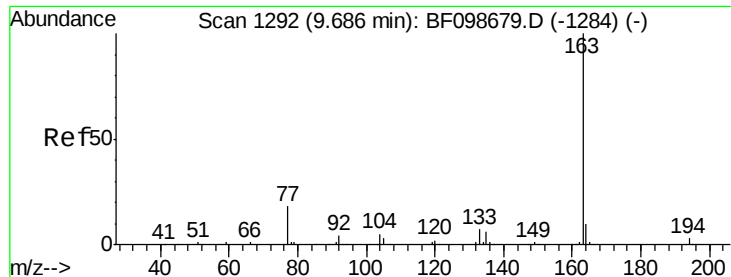
Tot Ion: 65 Resp: 254112
Ion Ratio Lower Upper
65 100
92 69.7 55.8 83.6
138 110.1 91.2 136.8



#48
Acenaphthylene
Concen: 38.81 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Tgt Ion: 152 Resp: 1227578
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.5 10.7 16.1

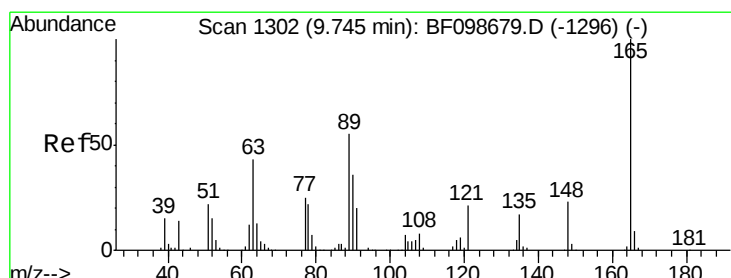
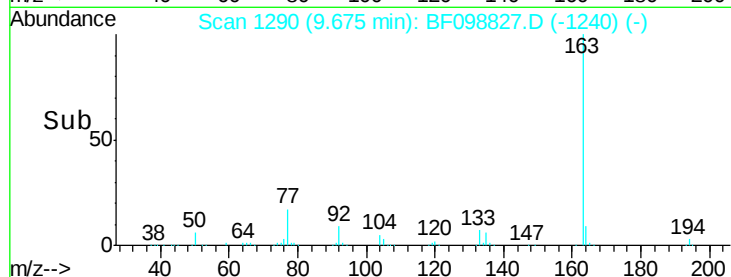
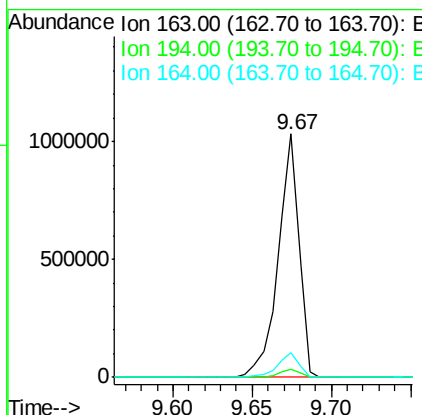
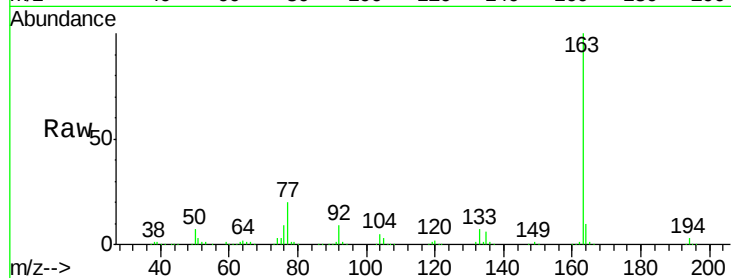




#49
 Dimethylphthalate
 Concen: 38.81 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

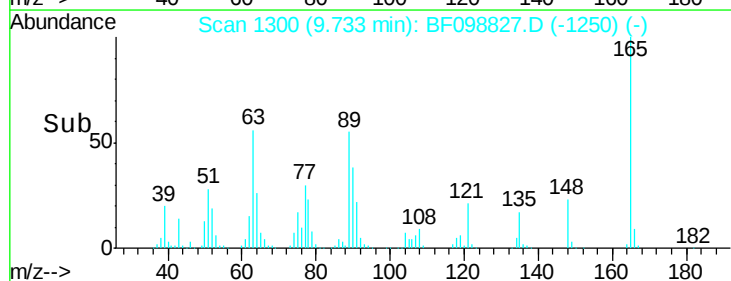
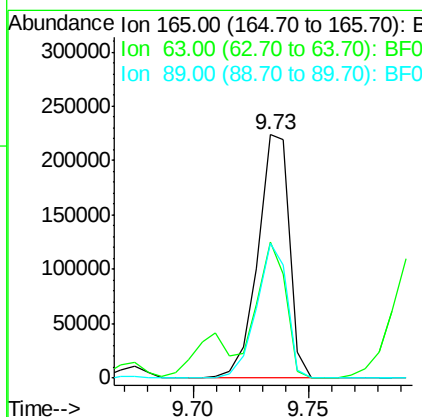
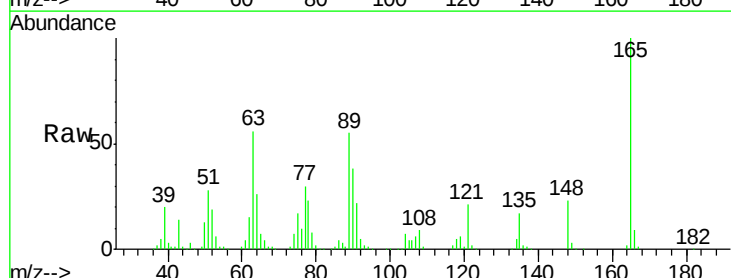
Instrument :
 BNA_F
 ClientSampled :

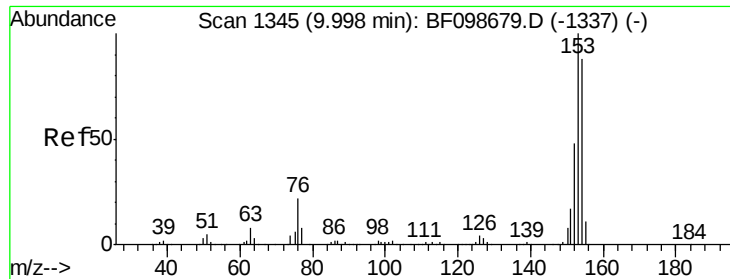
Tot Ion:163 Resp: 937810
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 10.2 8.2 12.2



#50
 2,6-Dinitrotoluene
 Concen: 40.51 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

Tgt Ion:165 Resp: 213125
 Ion Ratio Lower Upper
 165 100
 63 55.9 44.7 67.1
 89 55.1 44.0 66.0





#51

Acenaphthene

Concen: 39.04 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Instrument :

BNA_F

ClientSampleId :

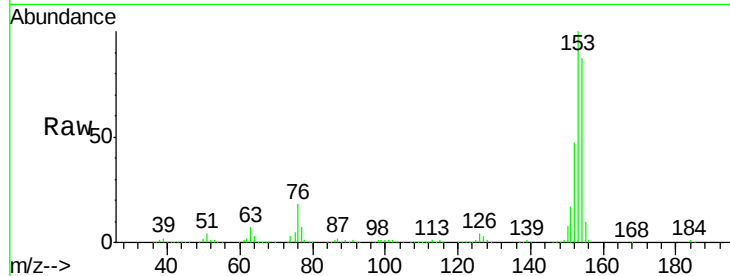
Tot Ion:154 Resp: 782074

Ion Ratio Lower Upper

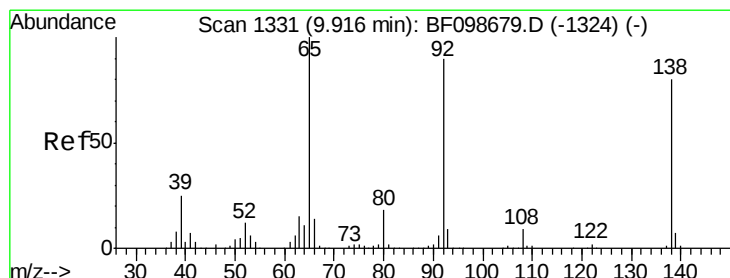
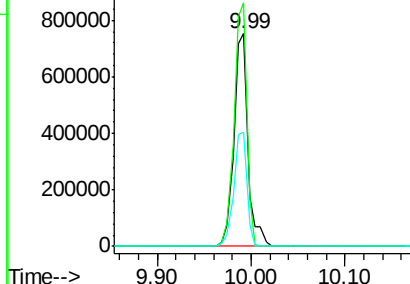
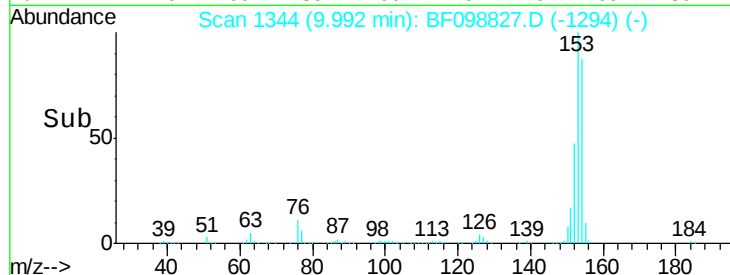
154 100

153 114.5 91.2 136.8

152 53.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.58 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

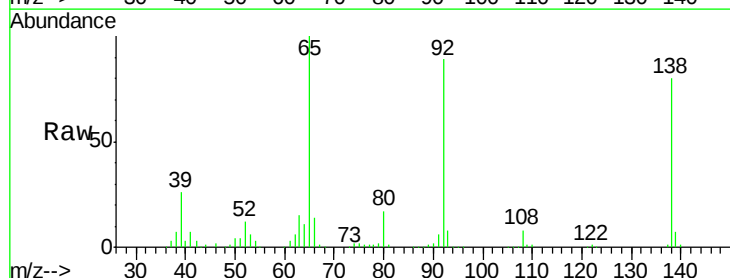
Tgt Ion:138 Resp: 248946

Ion Ratio Lower Upper

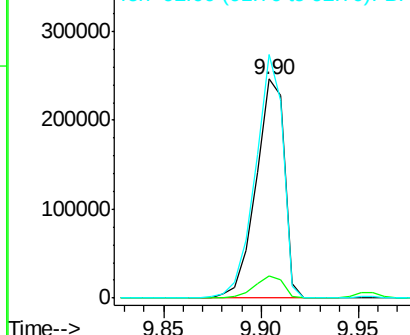
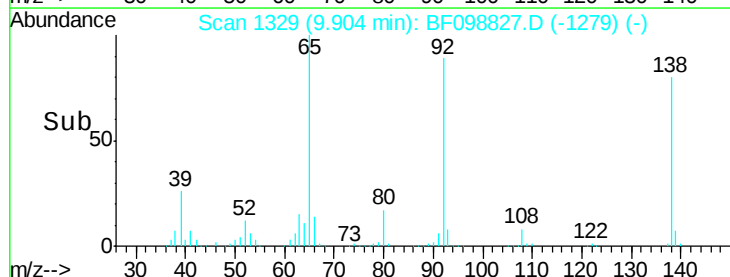
138 100

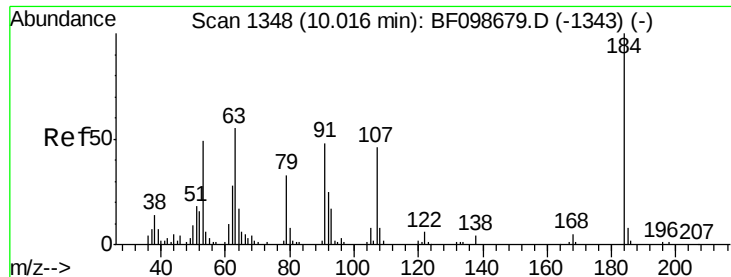
108 10.3 9.4 14.0

92 111.3 89.4 134.2



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): BF0

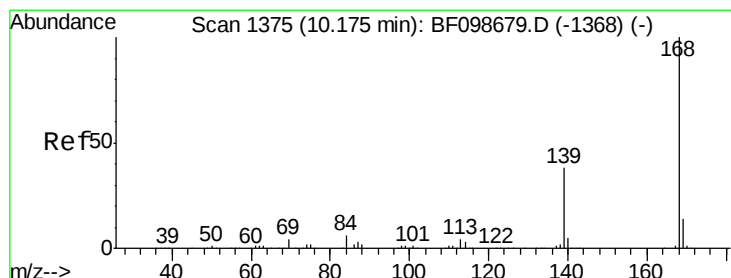
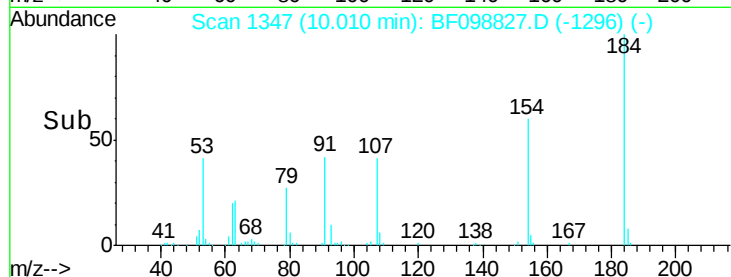
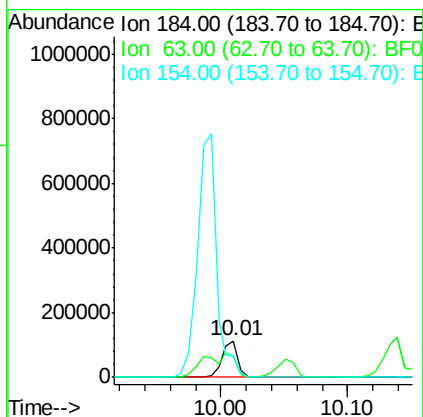
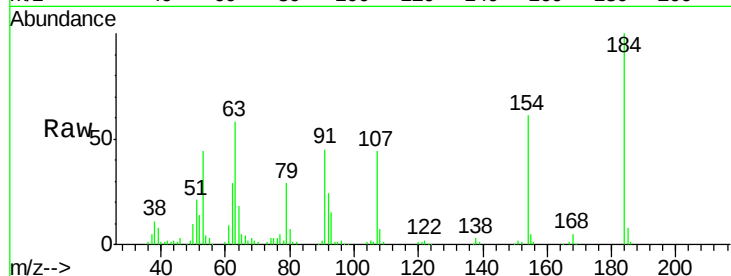




#53
 2,4-Dinitrophenol
 Concen: 39.32 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

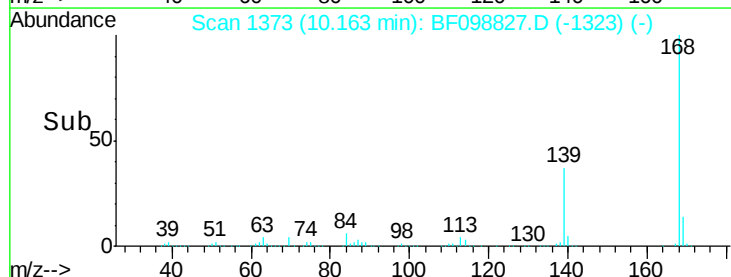
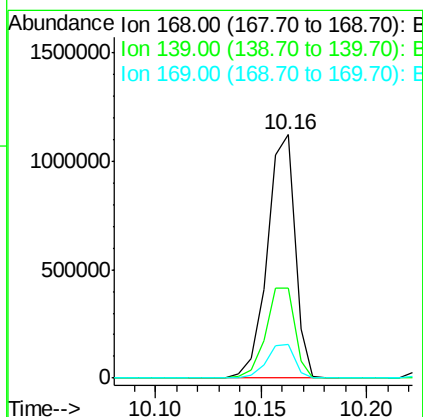
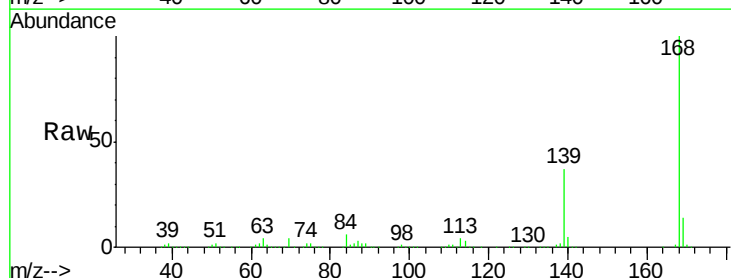
Instrument :
 BNA_F
 ClientSampled :

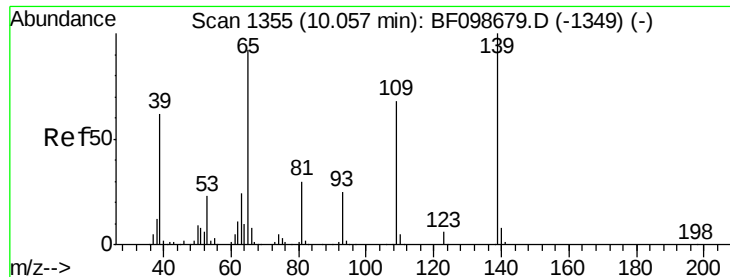
Tot Ion:184 Resp: 98939
 Ion Ratio Lower Upper
 184 100
 63 57.8 54.2 81.2
 154 60.7 53.5 80.3



#54
 Dibenzofuran
 Concen: 38.46 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

Tgt Ion:168 Resp: 1026039
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.1 45.1
 169 13.7 10.9 16.3

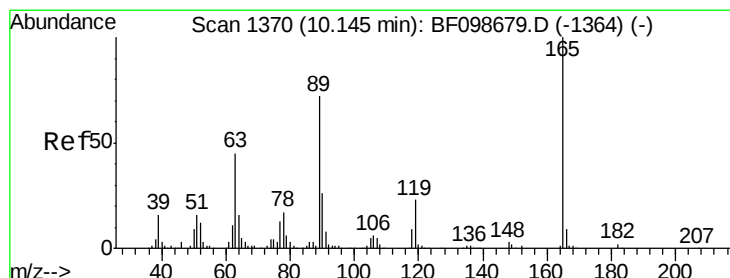
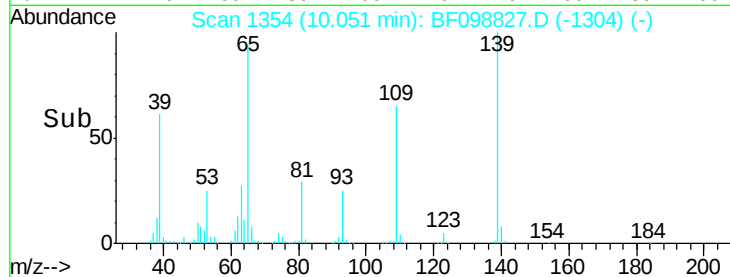
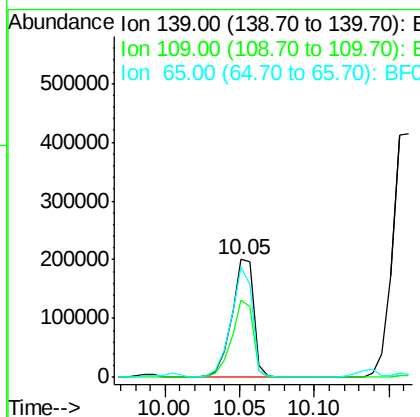
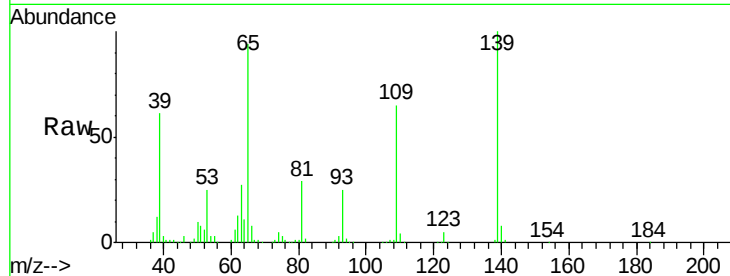




#55
4-Nitrophenol
Concen: 40.34 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

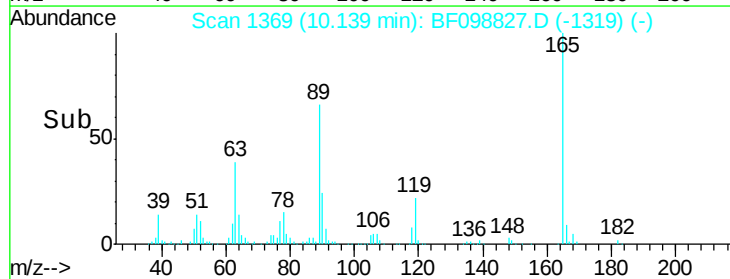
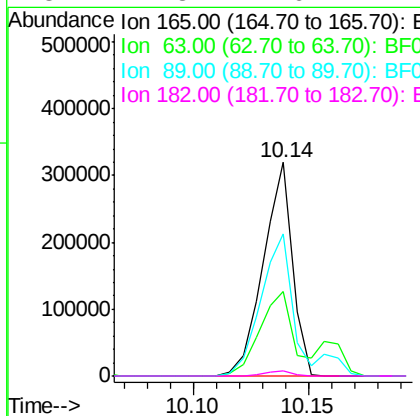
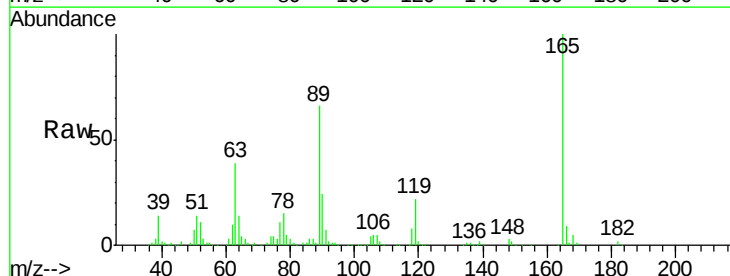
Instrument :
BNA_F
ClientSampleId :

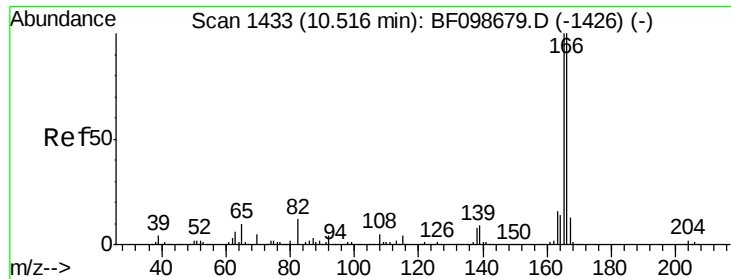
Tot Ion:139 Resp: 209218
Ion Ratio Lower Upper
139 100
109 65.0 48.4 88.4
65 93.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.20 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Tgt Ion:165 Resp: 281334
Ion Ratio Lower Upper
165 100
63 39.3 36.4 54.6
89 66.4 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 38.04 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Instrument :

BNA_F

ClientSampleId :

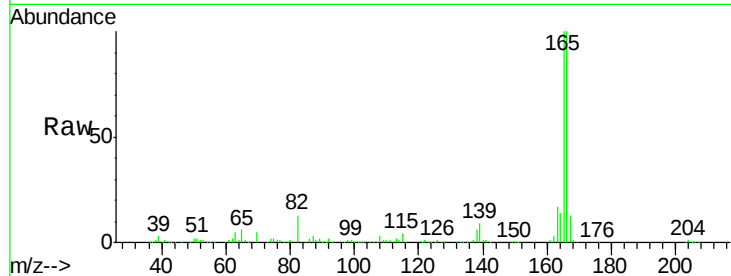
Tot Ion:166 Resp: 815714

Ion Ratio Lower Upper

166 100

165 99.9 79.8 119.8

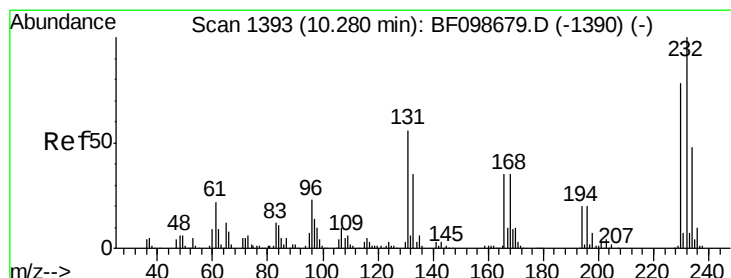
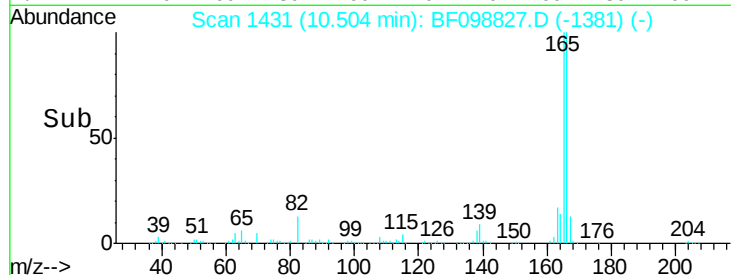
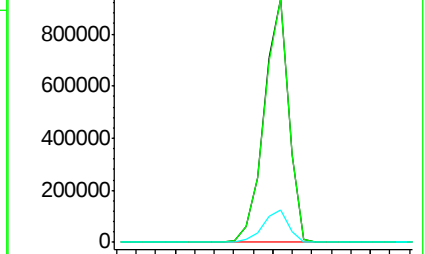
167 13.4 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.82 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Tgt Ion:232 Resp: 185727

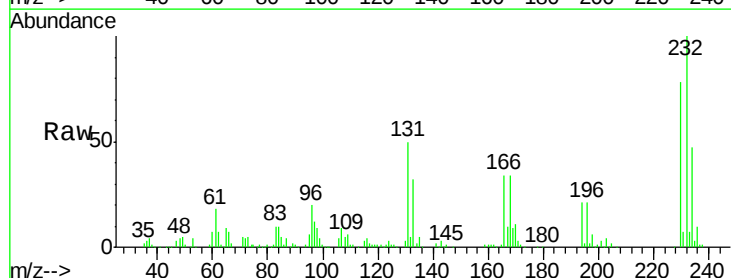
Ion Ratio Lower Upper

232 100

131 55.0 43.8 65.8

130 2.9 2.1 3.1

166 36.6 27.8 41.6

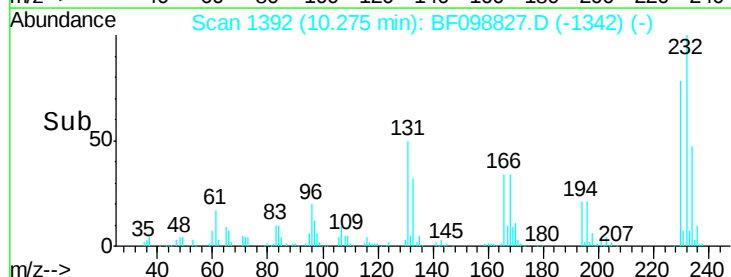
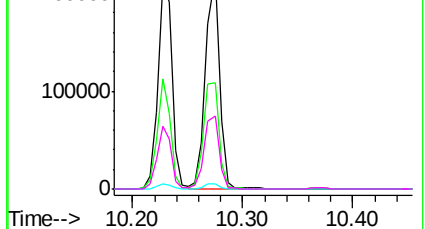


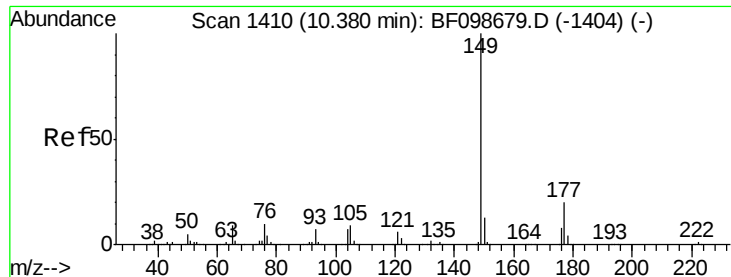
Abundance Ion 232.00 (231.70 to 232.70): E

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

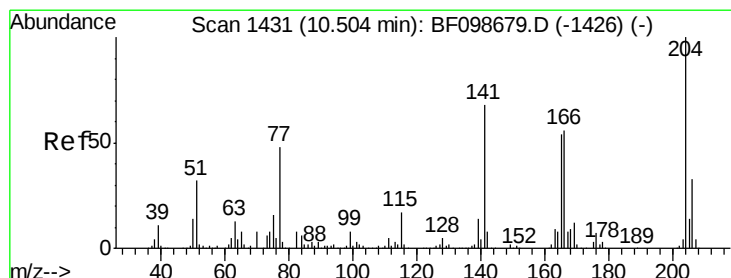
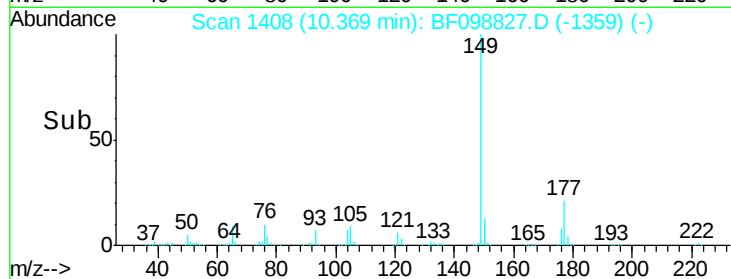
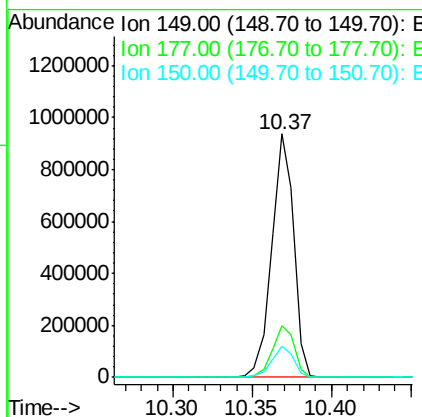
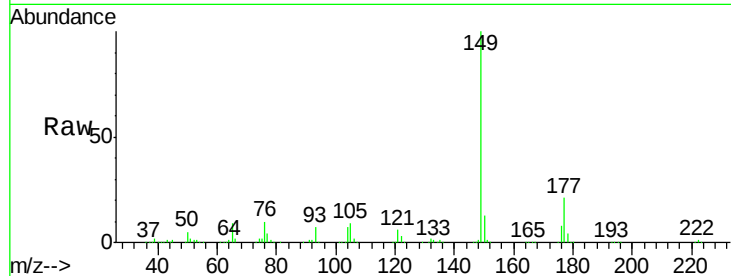




#59
Diethylphthalate
Concen: 38.39 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

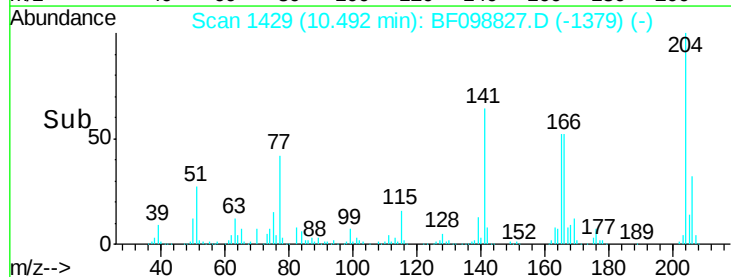
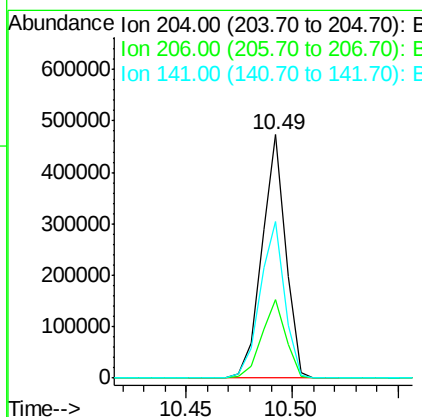
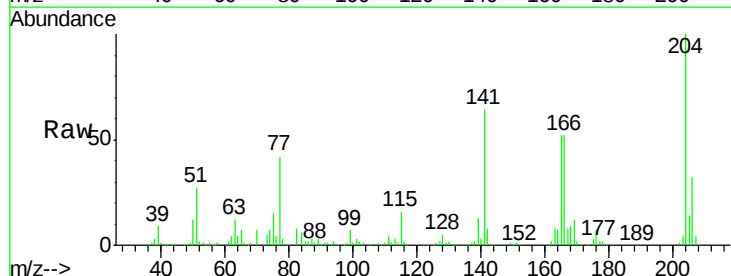
Instrument :
BNA_F
ClientSampleId :

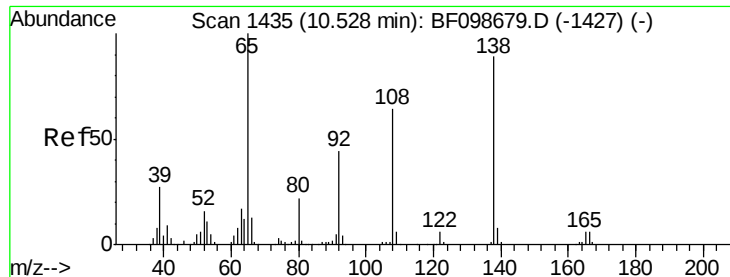
Tot Ion:149 Resp: 906561
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.46 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Tgt Ion:204 Resp: 370405
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 64.4 54.6 81.8

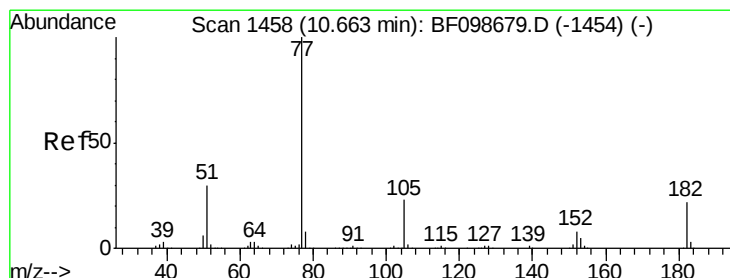
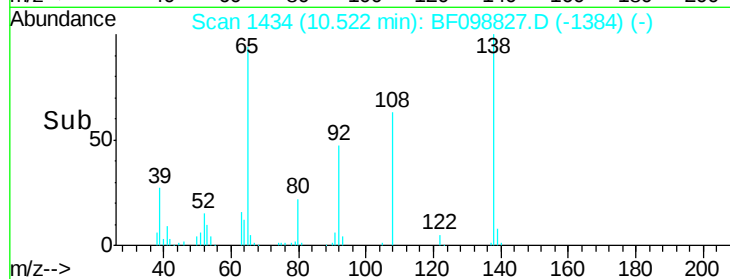
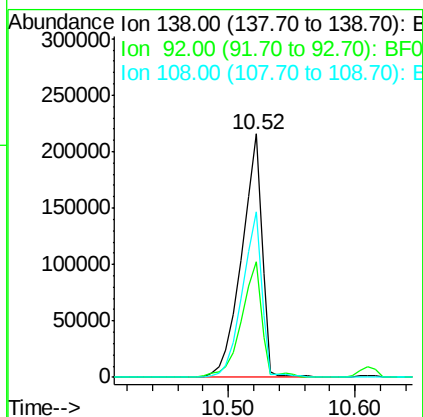
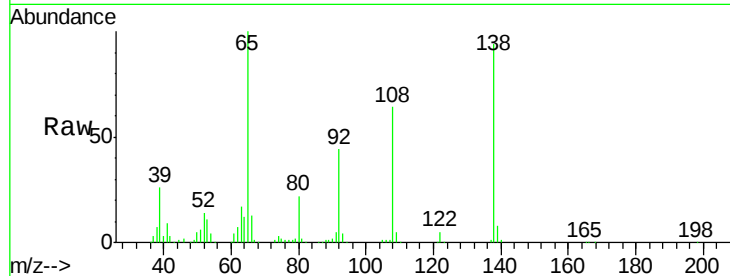




#61
4-Nitroaniline
Concen: 40.53 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

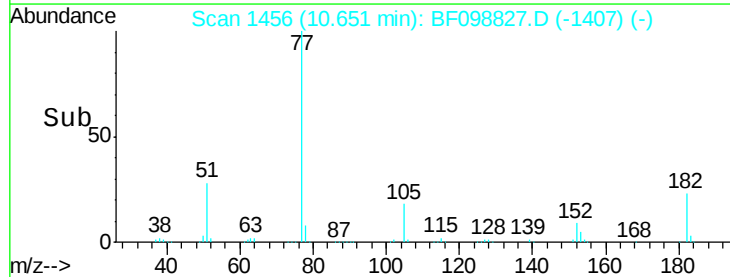
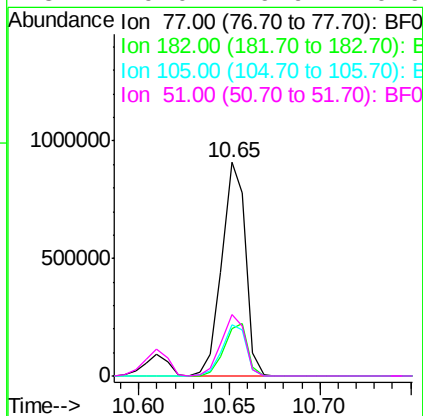
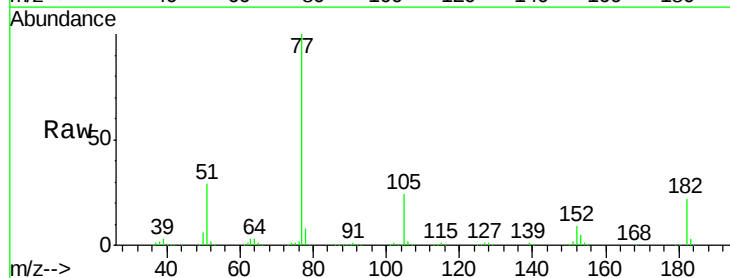
Instrument :
BNA_F
ClientSampleId :

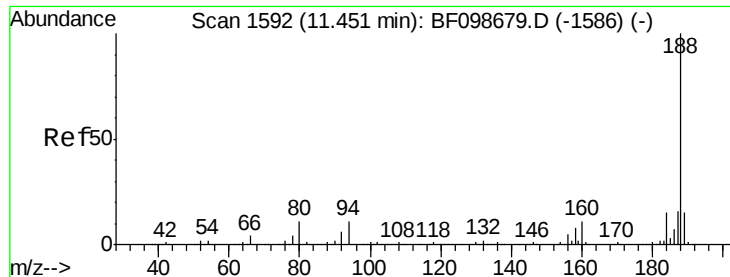
Tot Ion:138 Resp: 239882
Ion Ratio Lower Upper
138 100
92 47.3 30.2 70.2
108 67.9 52.5 92.5



#62
Azobenzene
Concen: 38.12 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Tgt Ion: 77 Resp: 827689
Ion Ratio Lower Upper
77 100
182 21.9 1.7 41.7
105 23.9 3.0 43.0
51 29.0 9.9 49.9

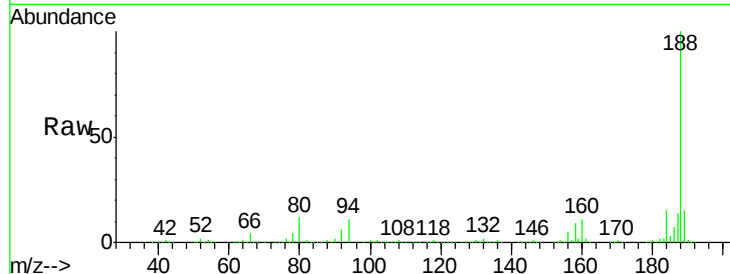




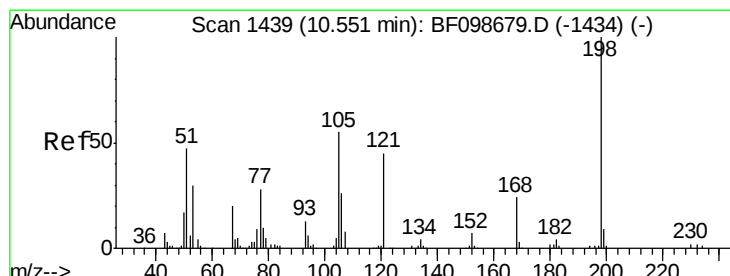
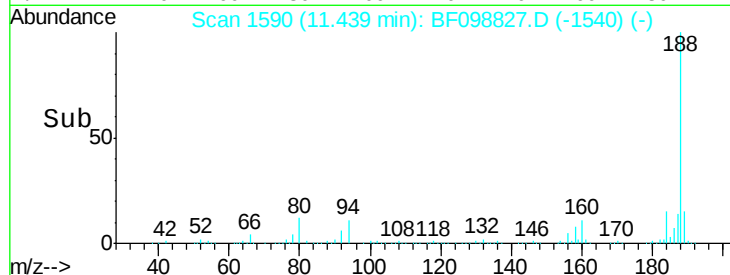
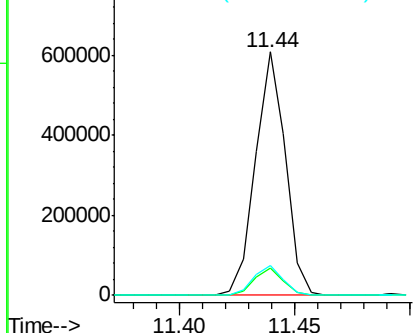
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.3	9.2	13.8

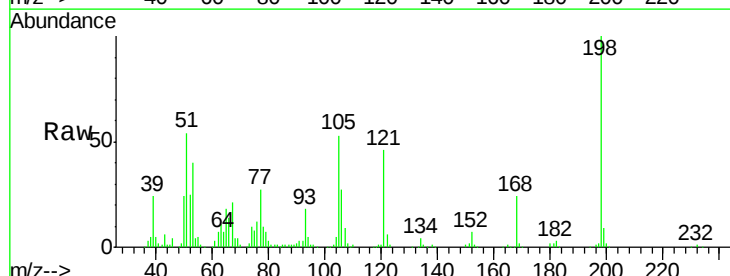


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

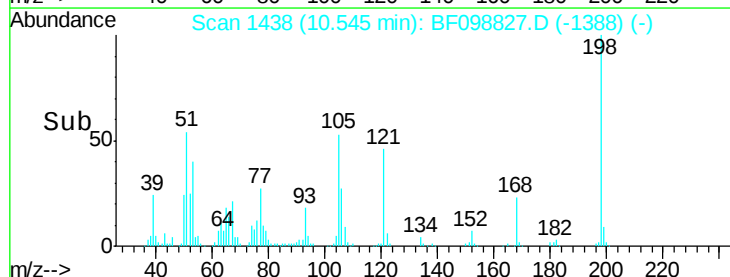
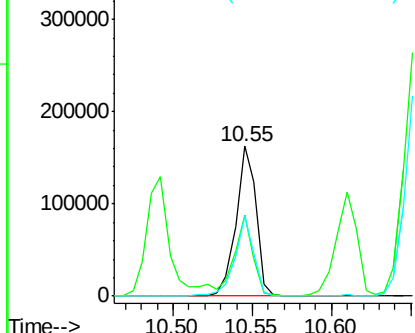


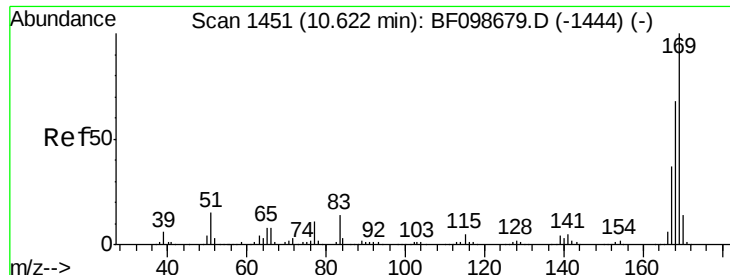
#64
4,6-Dinitro-2-methylphenol
Concen: 42.56 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Tgt Ion	Ratio	Lower	Upper
198	100		
51	54.5	37.7	77.7
105	52.8	36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

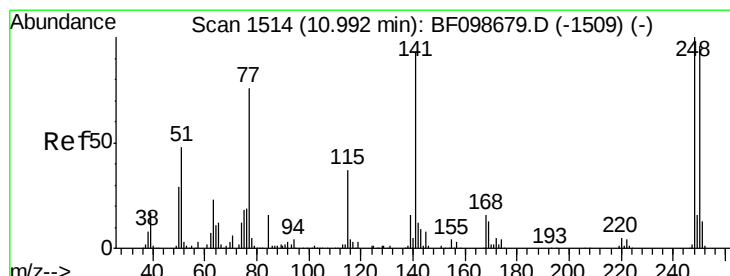
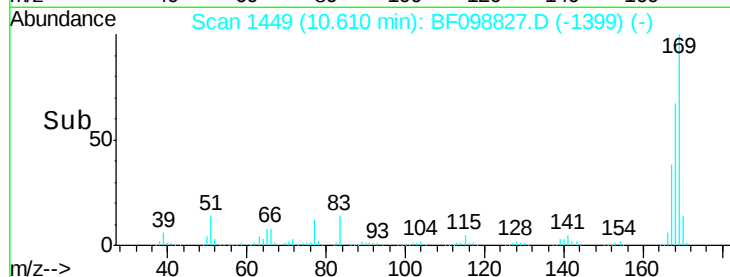
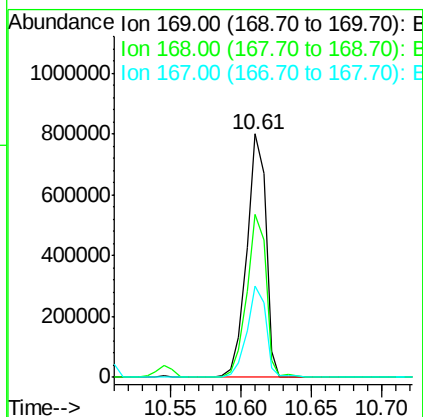
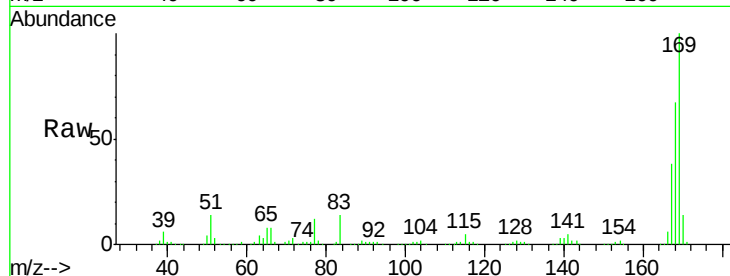




#65
 n-Nitrosodiphenylamine
 Concen: 39.79 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

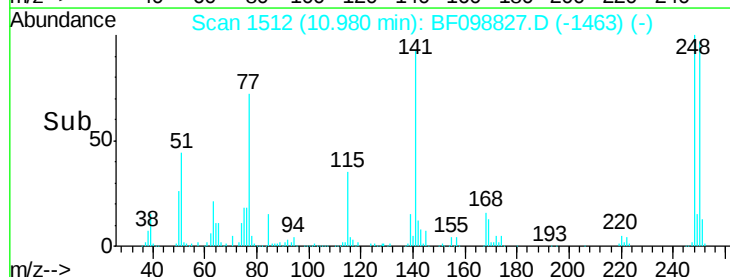
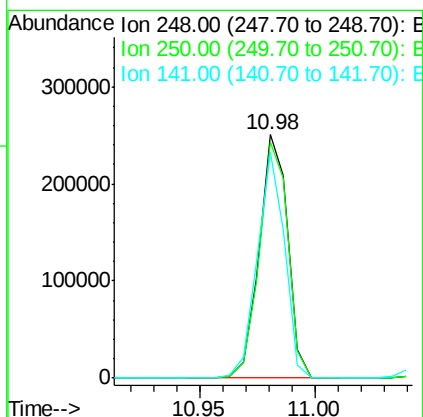
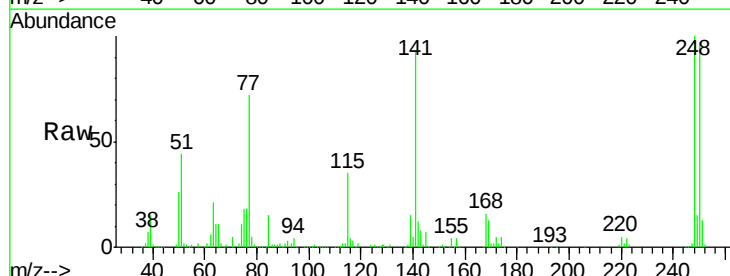
Instrument :
 BNA_F
 ClientSampleId :

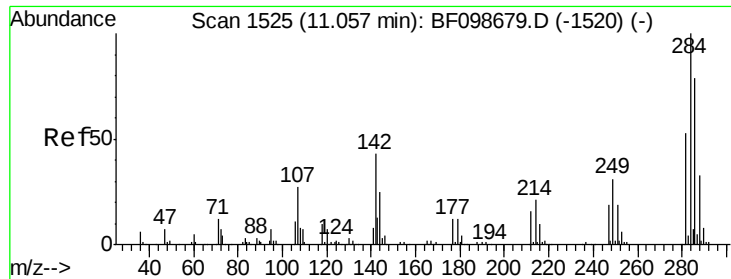
Tot Ion:169 Resp: 760003
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.4 81.6
 167 37.7 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 39.83 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

Tgt Ion:248 Resp: 214981
 Ion Ratio Lower Upper
 248 100
 250 97.1 76.9 115.3
 141 92.6 74.4 111.6

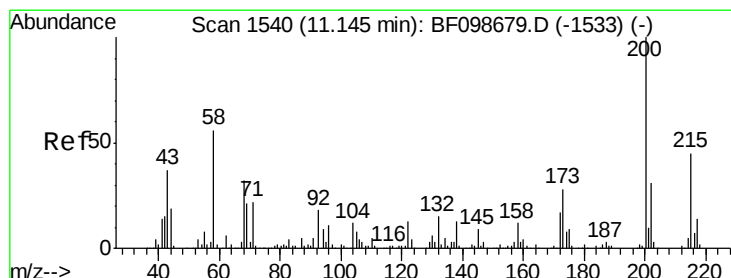
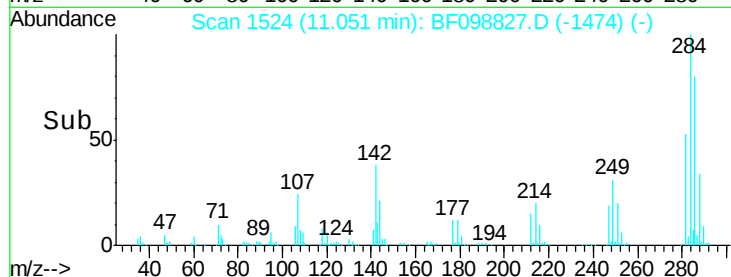
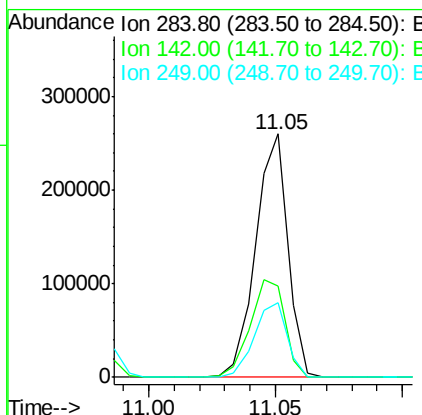
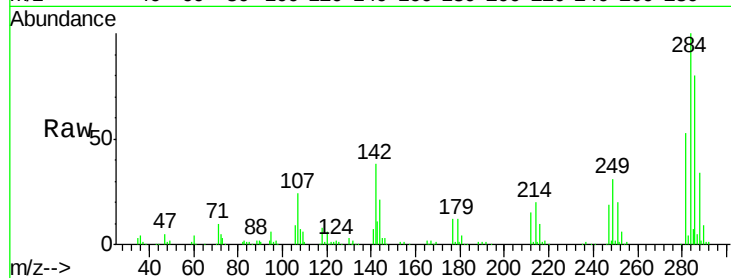




#67
Hexachlorobenzene
Concen: 39.97 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

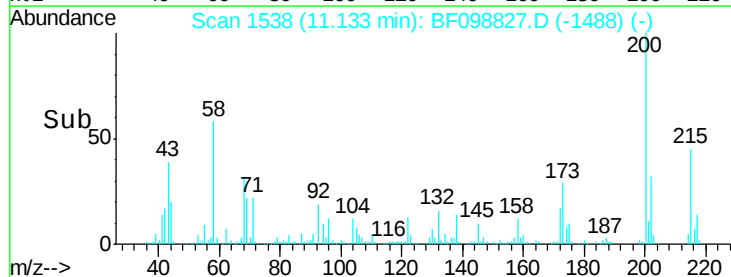
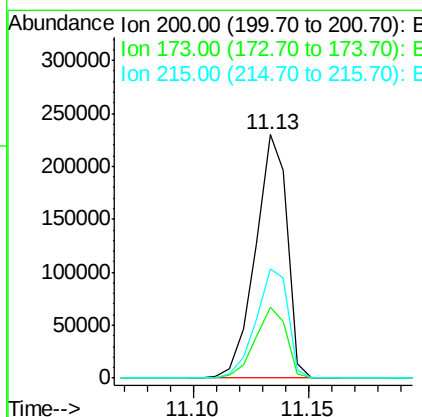
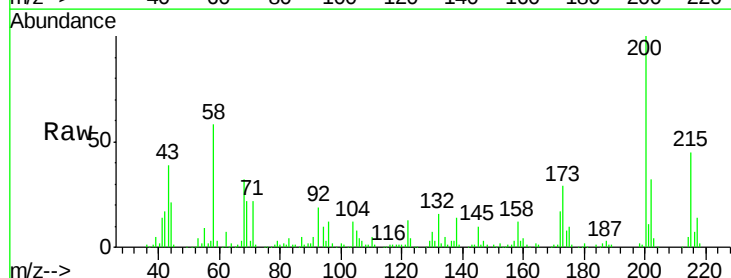
Instrument :
BNA_F
ClientSampleId :

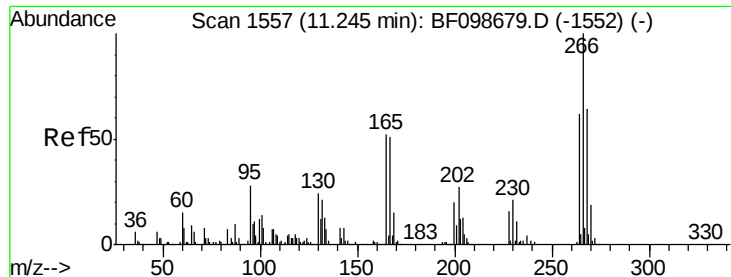
Tot Ion:284 Resp: 230380
Ion Ratio Lower Upper
284 100
142 37.7 34.6 52.0
249 30.5 24.8 37.2



#68
Atrazine
Concen: 38.27 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Tgt Ion:200 Resp: 219969
Ion Ratio Lower Upper
200 100
173 28.9 8.6 48.6
215 44.8 25.1 65.1

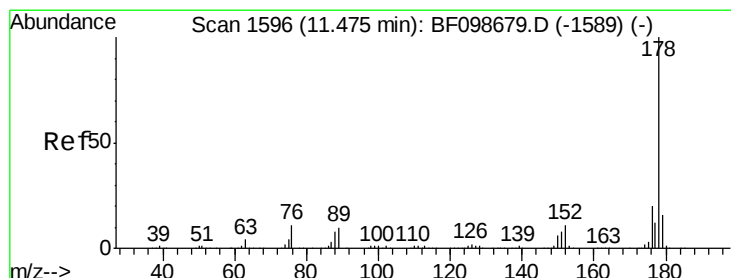
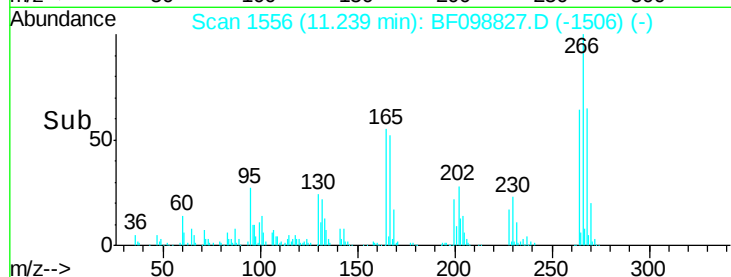
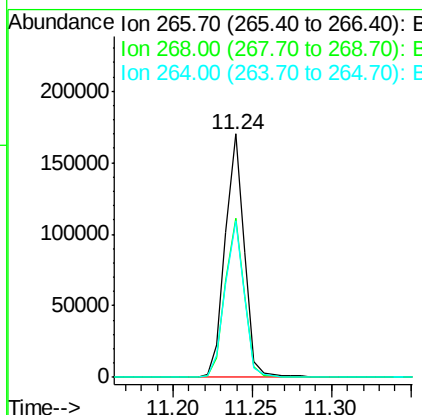
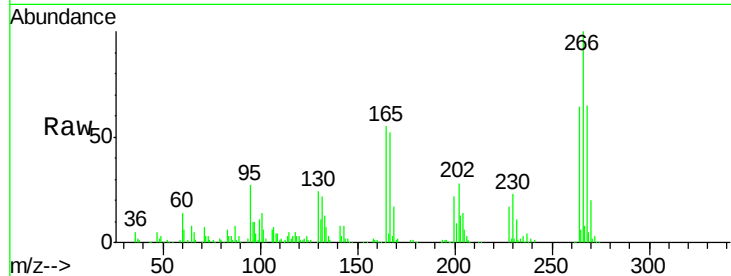




#69
 Pentachlorophenol
 Concen: 39.70 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

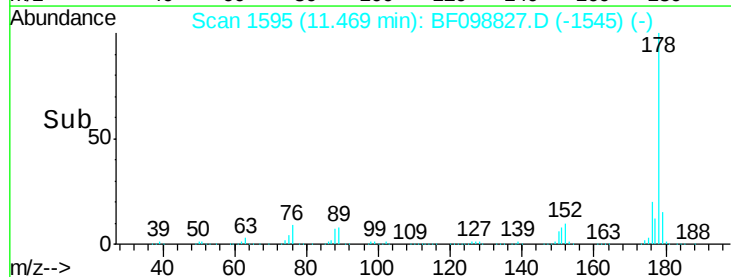
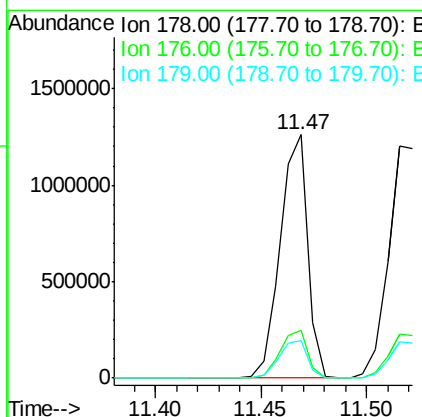
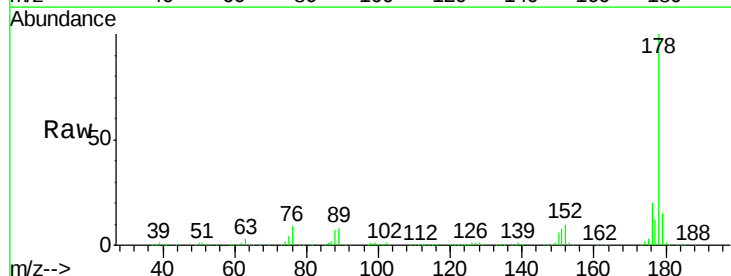
Instrument :
 BNA_F
 ClientSampleId :

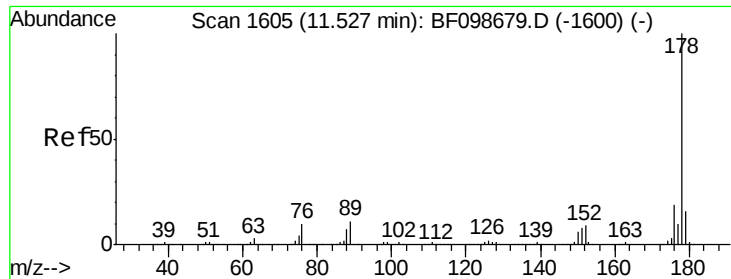
Tot Ion:266 Resp: 142440
 Ion Ratio Lower Upper
 266 100
 268 65.2 51.1 76.7
 264 64.4 49.5 74.3



#70
 Phenanthrene
 Concen: 38.77 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

Tgt Ion:178 Resp: 1144199
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.5 13.0 19.6

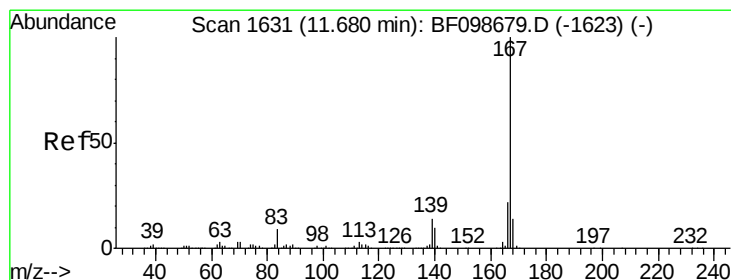
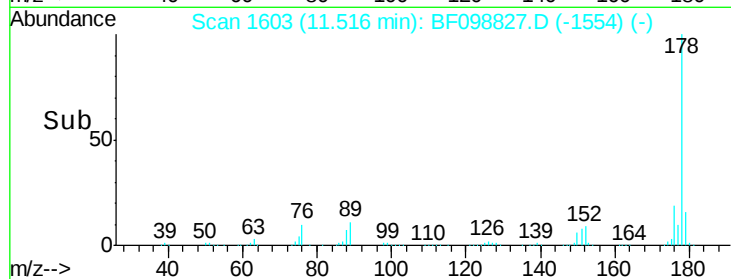
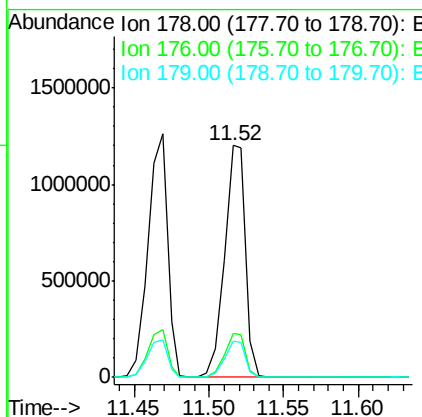
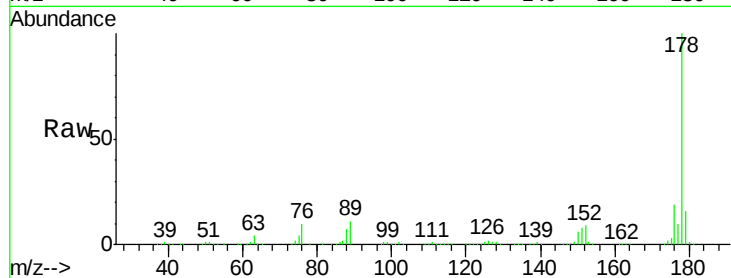




#71
 Anthracene
 Concen: 39.38 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

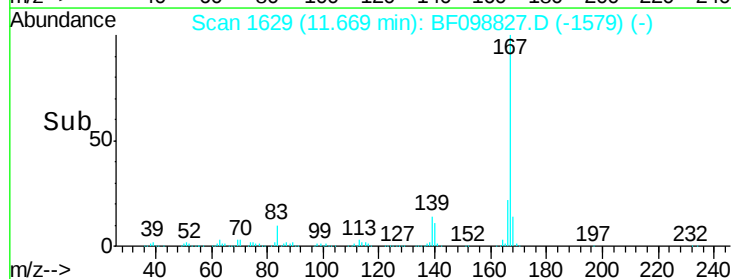
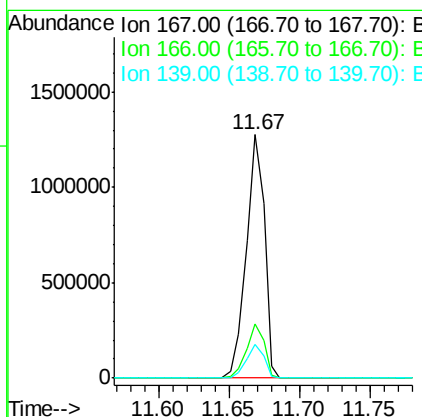
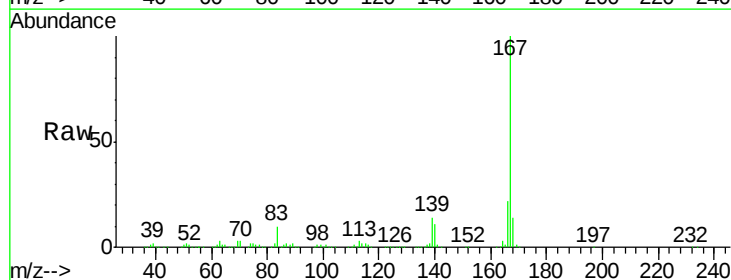
Instrument :
 BNA_F
 ClientSampleId :

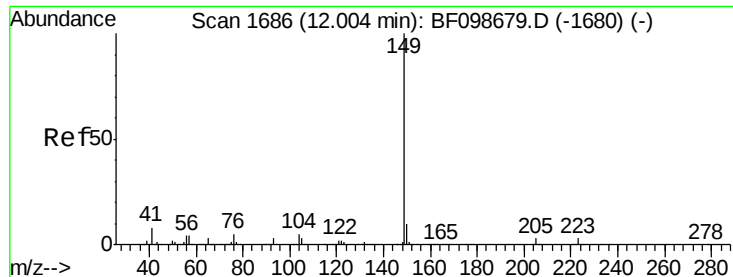
Tot Ion:178 Resp: 1189091
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 38.85 ng
 RT: 11.67 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

Tgt Ion:167 Resp: 1148792
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.7 10.9 16.3

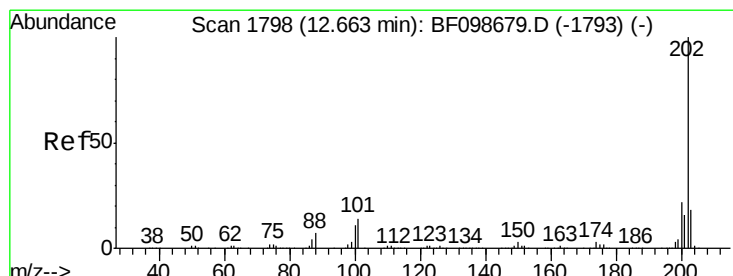
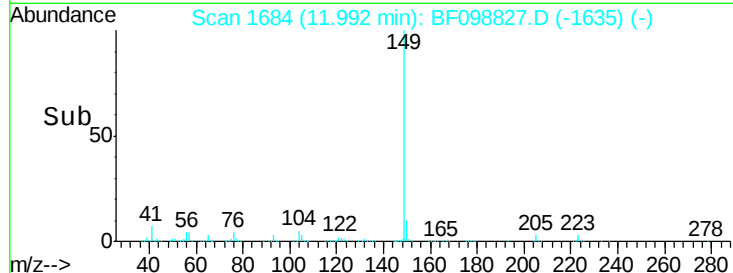
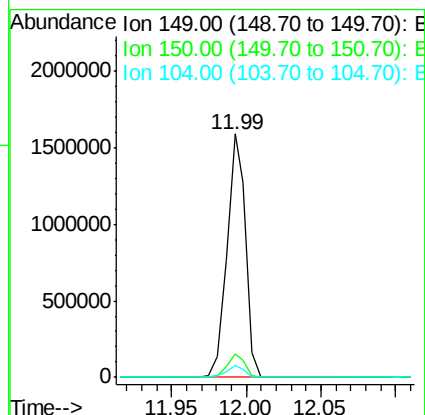
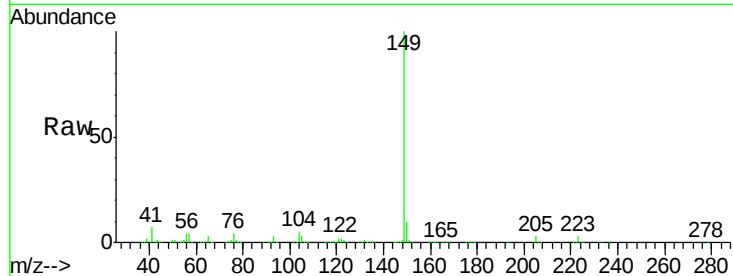




#73
Di-n-butylphthalate
Concen: 39.05 ng
RT: 11.99 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

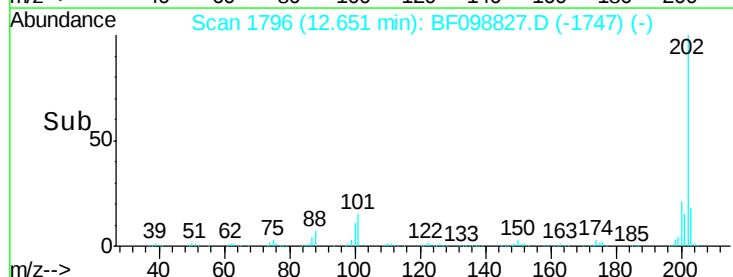
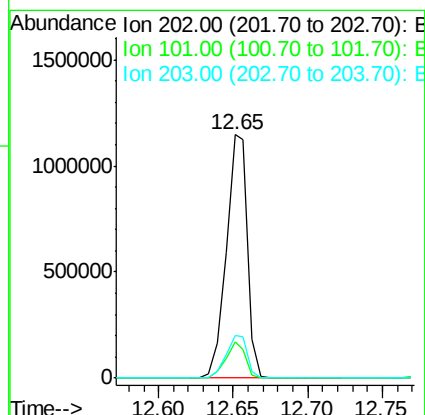
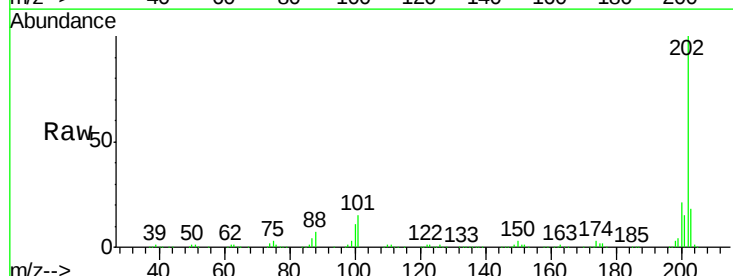
Instrument :
BNA_F
ClientSampleId :

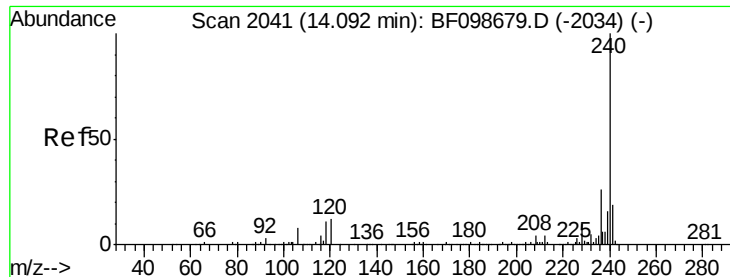
Tot Ion:149 Resp: 1390148
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 4.9 3.8 5.8



#74
Fluoranthene
Concen: 38.37 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Tgt Ion:202 Resp: 1146873
Ion Ratio Lower Upper
202 100
101 15.1 0.0 34.1
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Instrument :

BNA_F

ClientSampleId :

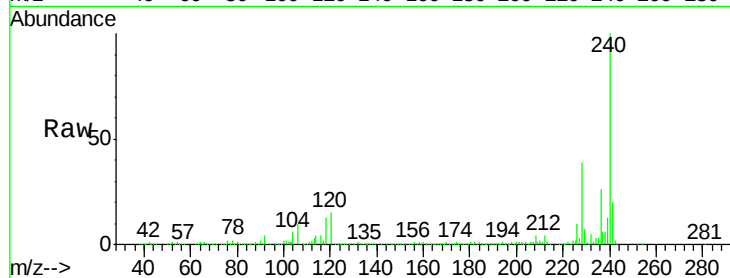
Tot Ion:240 Resp: 403461

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

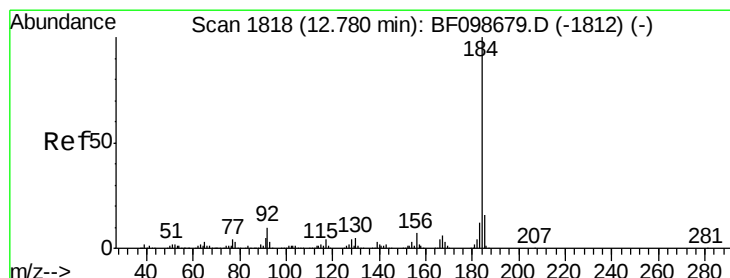
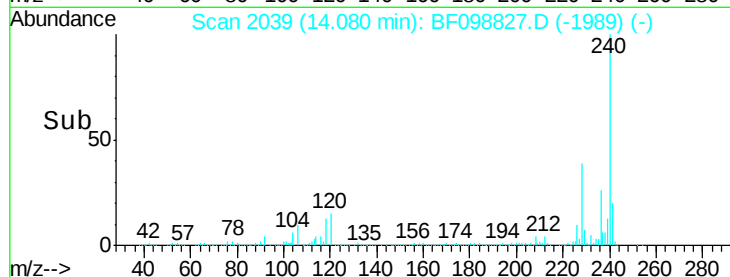
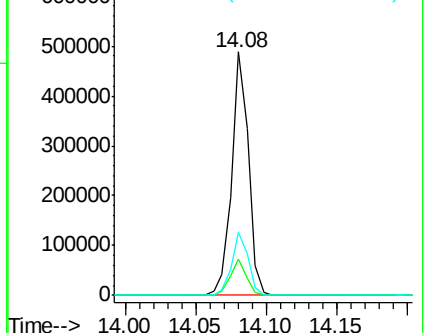
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.28 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

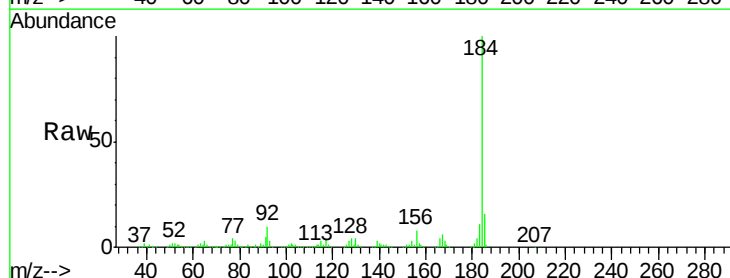
Tgt Ion:184 Resp: 616021

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

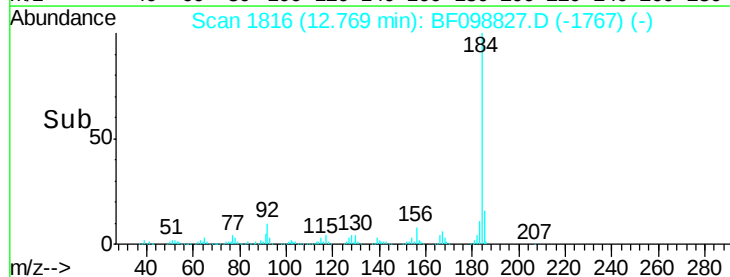
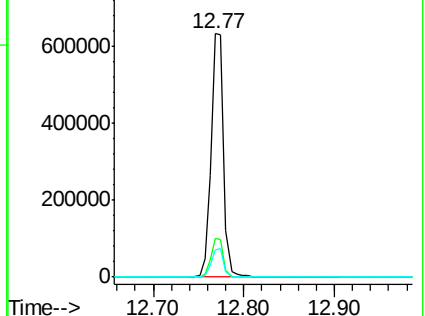
183 11.5 9.3 13.9

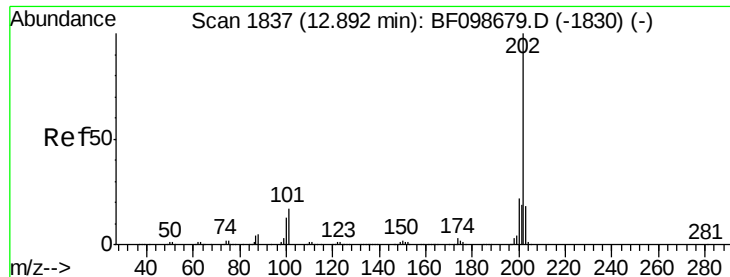


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.89 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

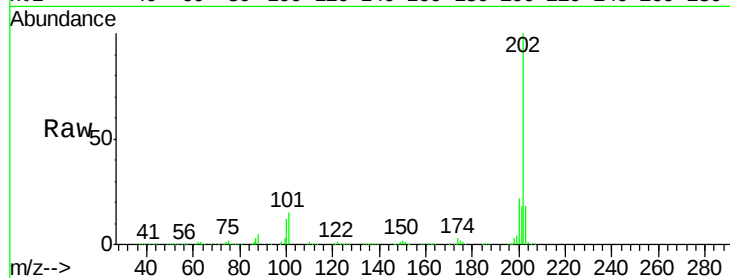
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1196594

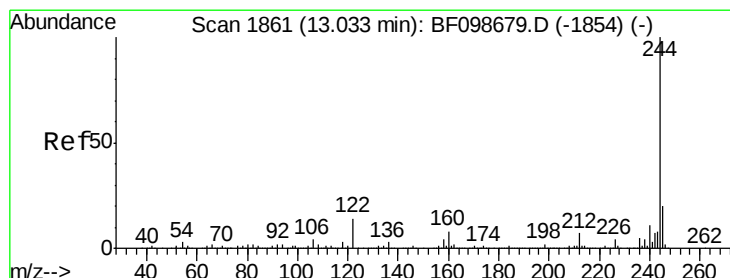
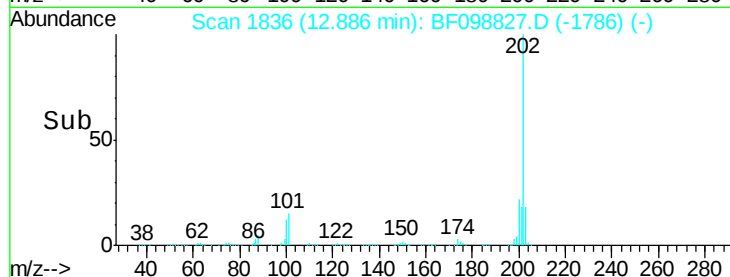
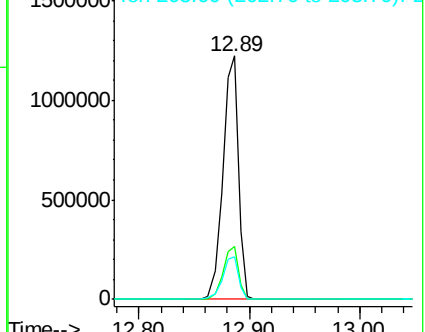
Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.7	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.12 ng

RT: 13.02 min Scan# 1859

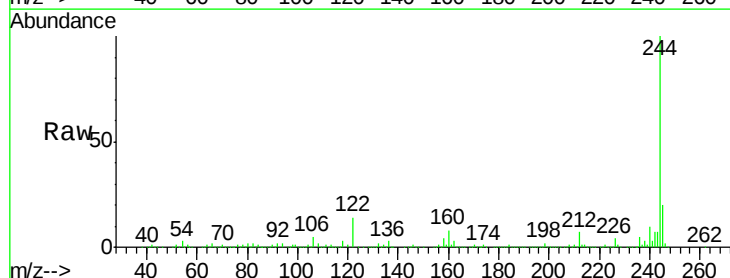
Delta R.T. -0.01 min

Lab File: BF098827.D

Acq: 26 Sep 2017 12:47

Tgt Ion:244 Resp: 1403724

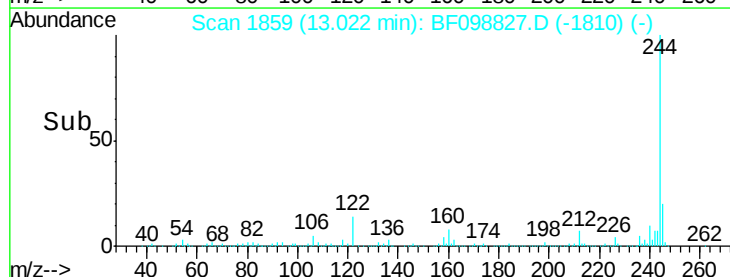
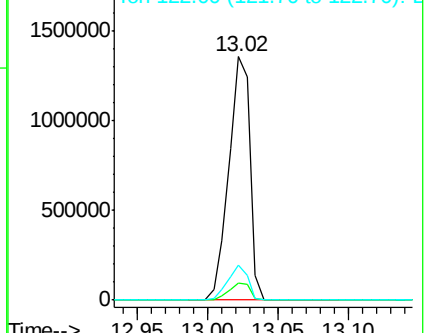
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.1	11.0	16.4

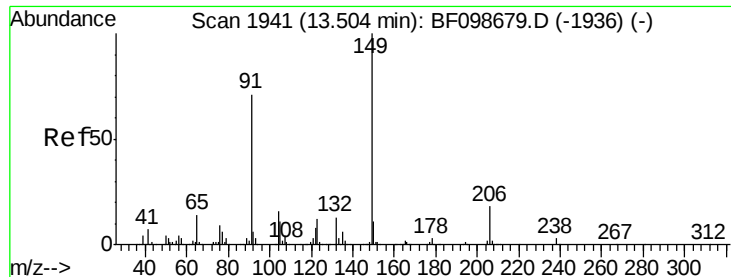


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

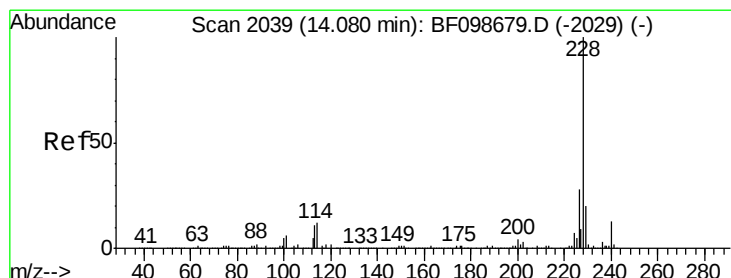
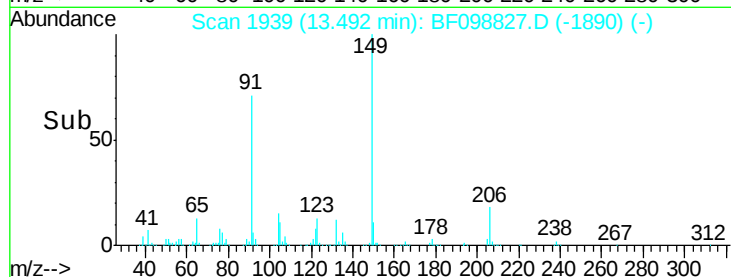
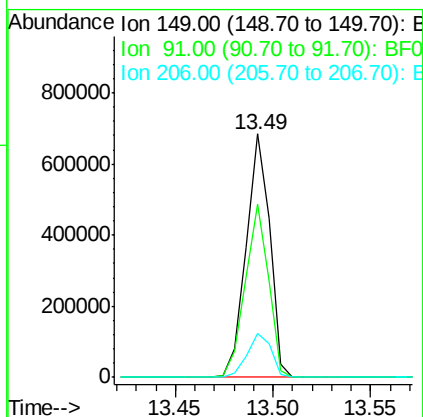
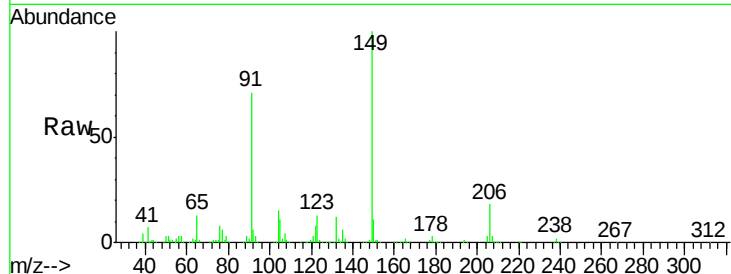




#79
Butylbenzylphthalate
Concen: 39.64 ng
RT: 13.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

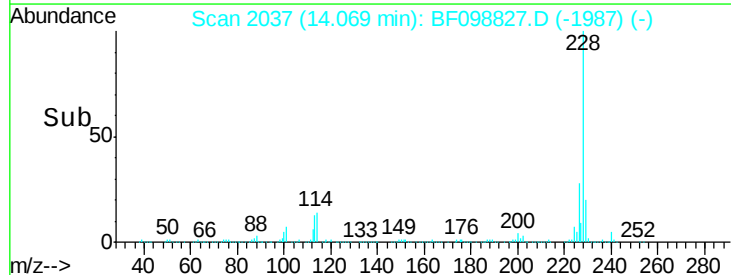
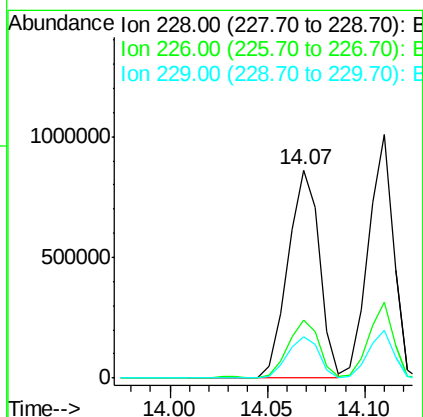
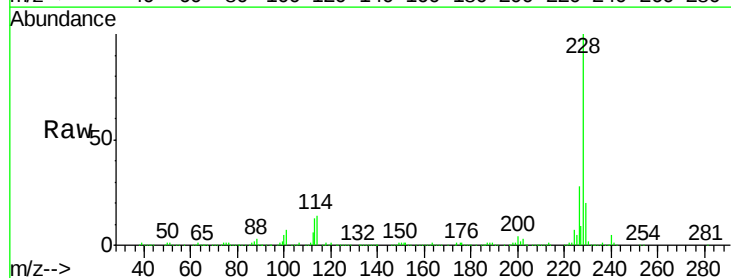
Instrument :
BNA_F
ClientSampleId :

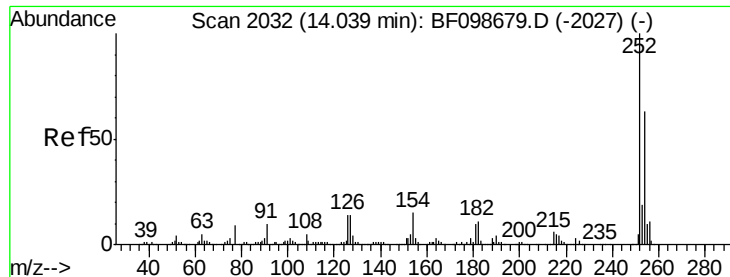
Tot Ion:149 Resp: 573186
Ion Ratio Lower Upper
149 100
91 71.0 56.8 85.2
206 18.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.20 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Tgt Ion:228 Resp: 957697
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 19.9 15.8 23.6

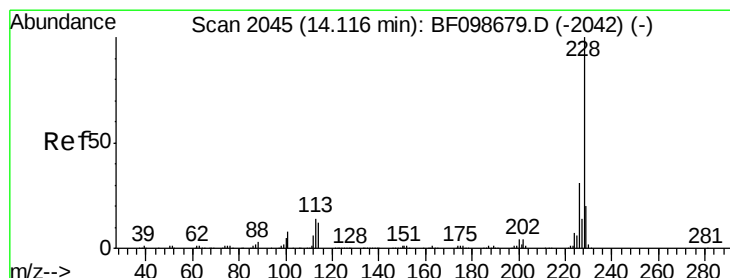
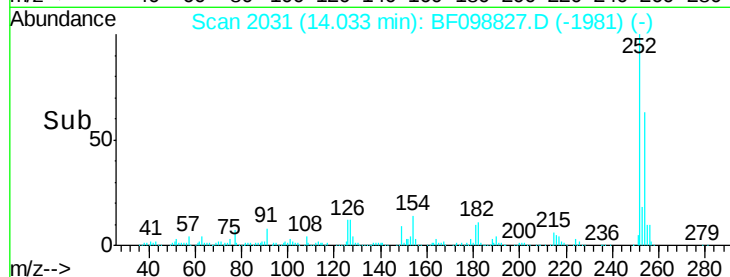
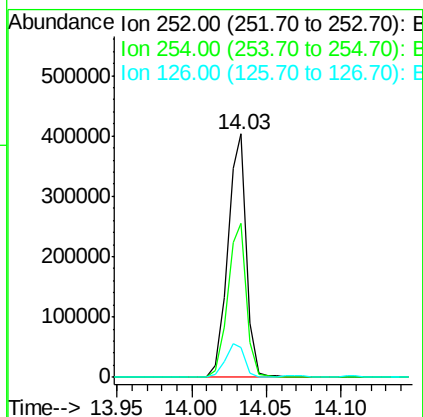
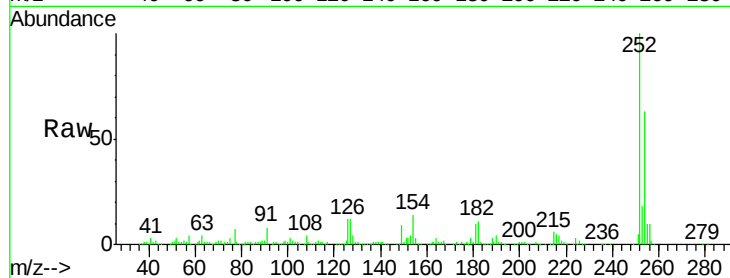




#81
 3,3'-Dichlorobenzidine
 Concen: 39.79 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

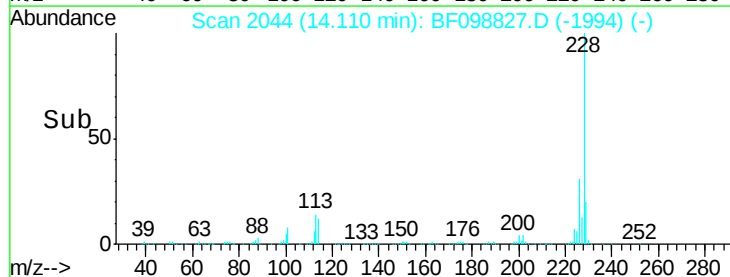
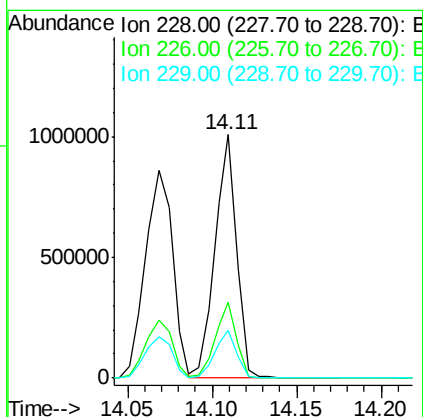
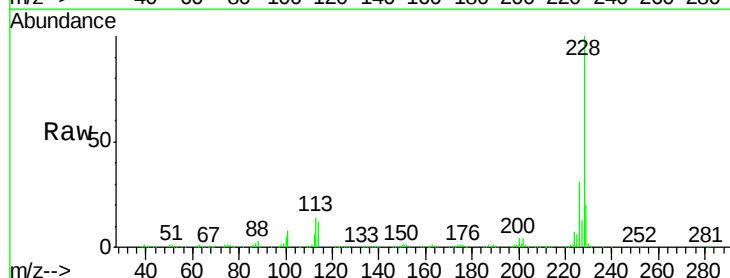
Instrument :
 BNA_F
 ClientSampleId :

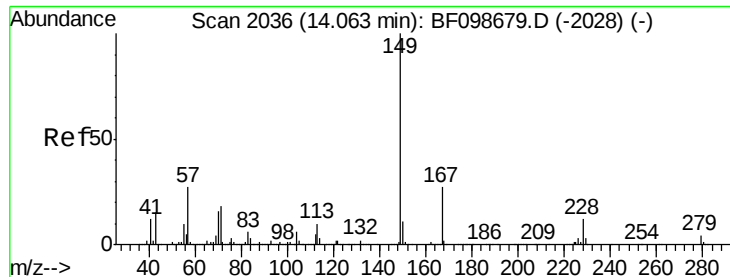
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.4	75.6
126	12.3	11.3	16.9



#82
 Chrysene
 Concen: 38.71 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	19.5	16.2	24.4

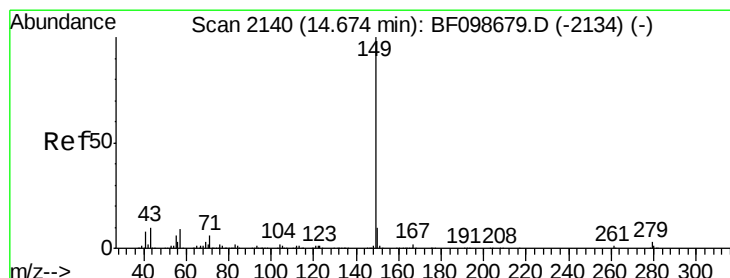
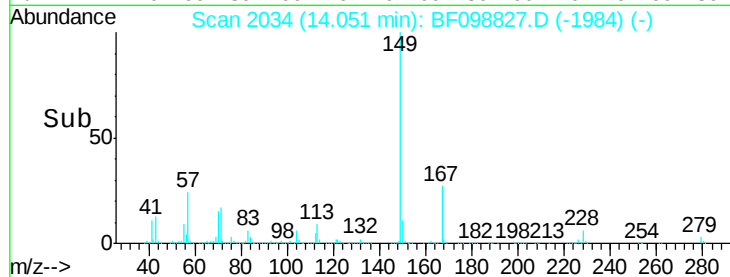
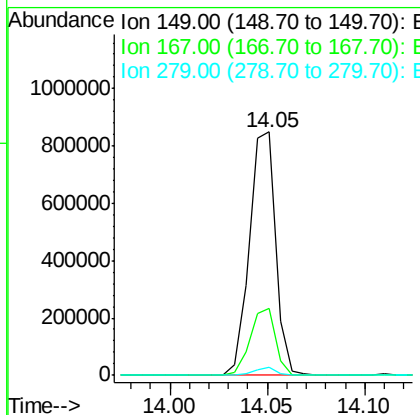
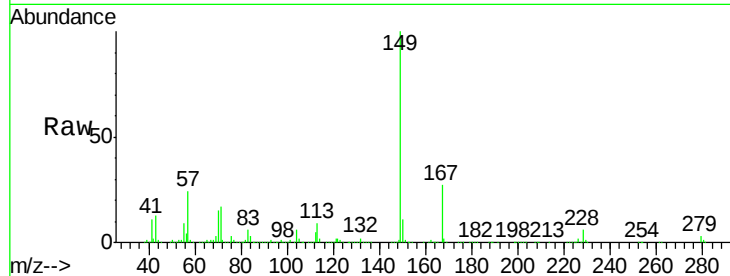




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.76 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

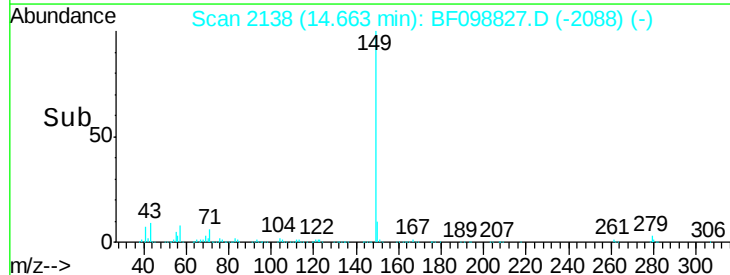
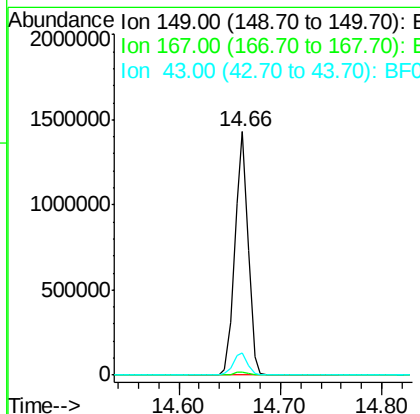
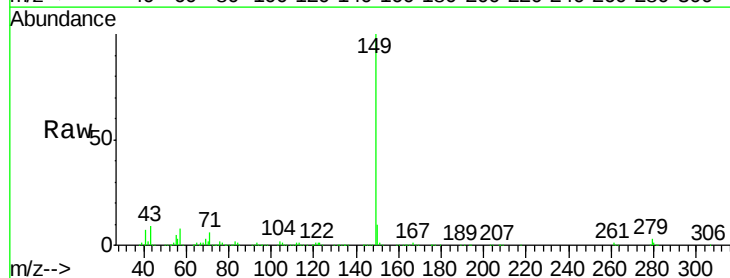
Instrument :
 BNA_F
 ClientSampleId :

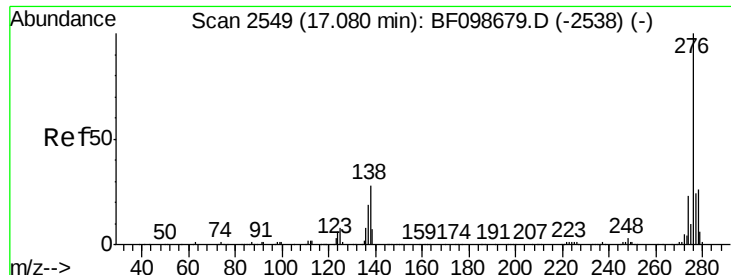
Tot Ion:149 Resp: 791500
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.3 31.9
 279 3.3 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 40.16 ng
 RT: 14.66 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

Tgt Ion:149 Resp: 1287592
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.8 8.4 12.6

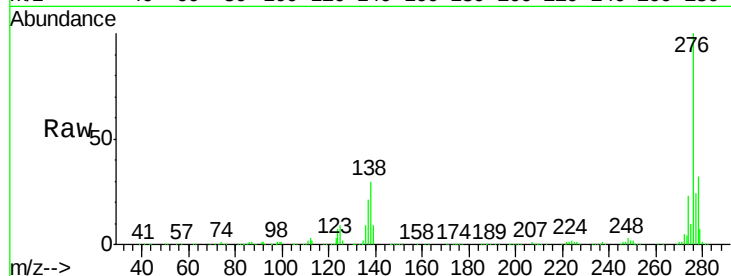




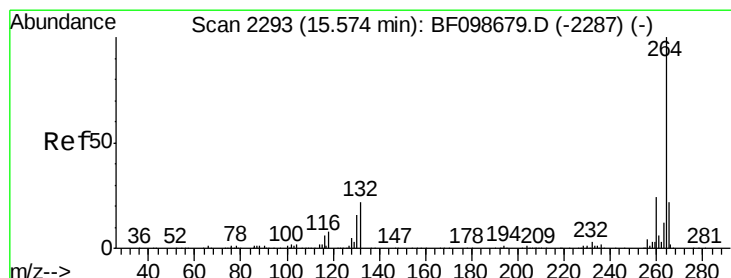
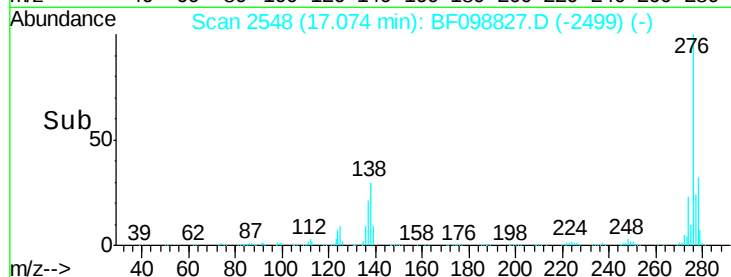
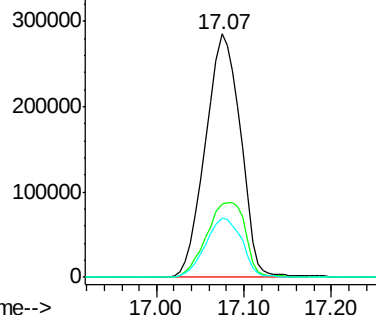
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.91 ng
 RT: 17.07 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.4	25.0	37.6
277	25.3	20.1	30.1

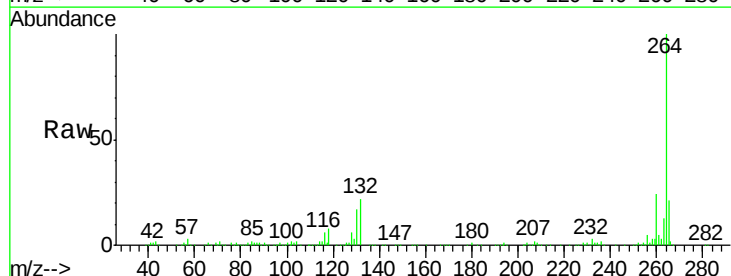


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

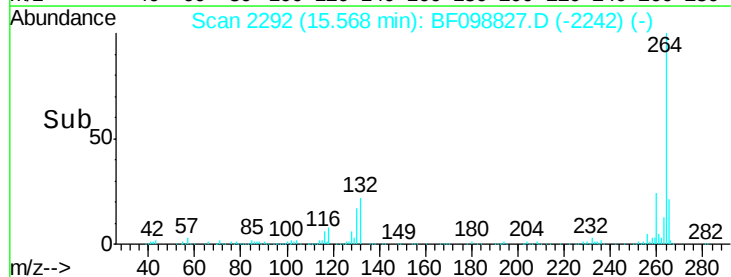
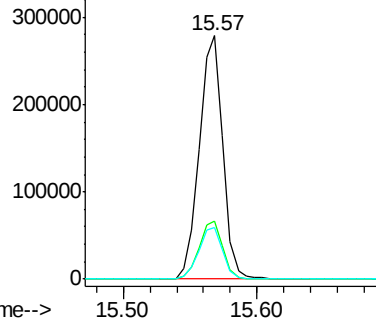


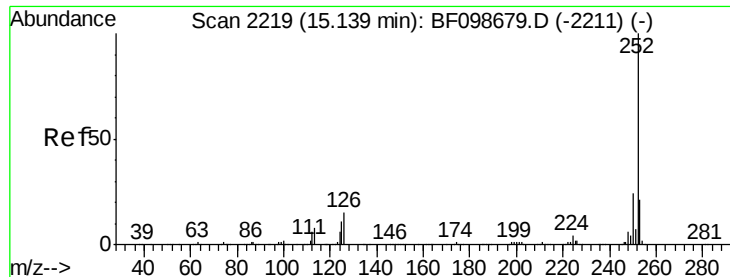
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

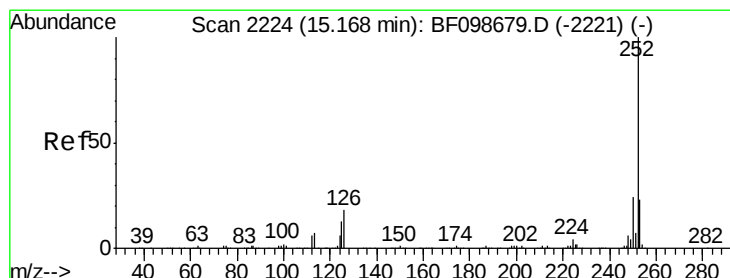
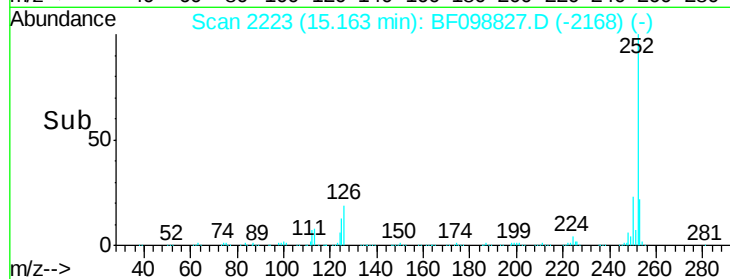
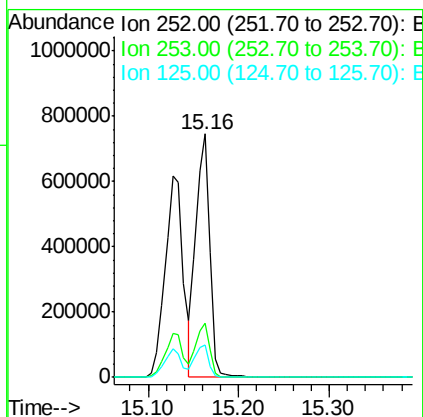
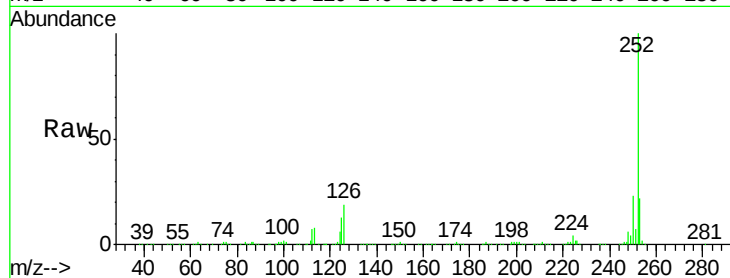




#87
Benzo(b)fluoranthene
Concen: 36.97 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.02 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

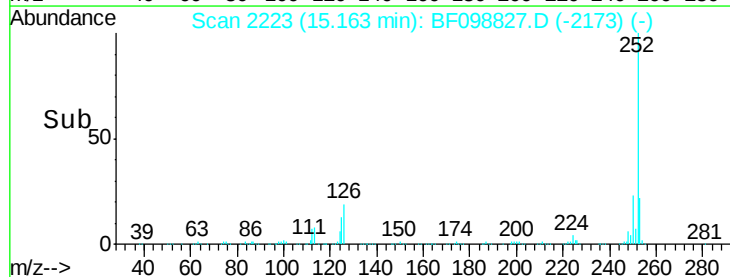
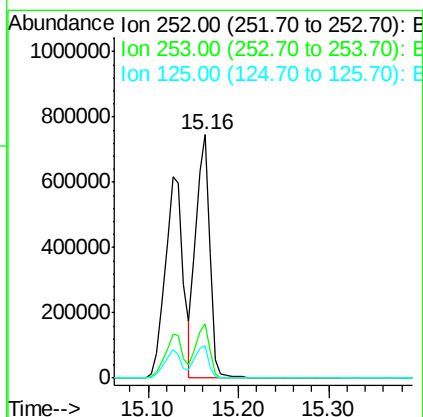
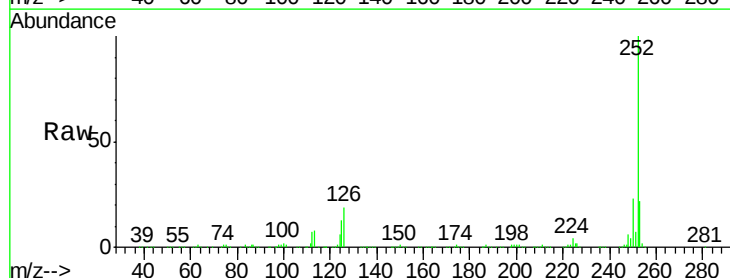
Instrument :
BNA_F
ClientSampled :

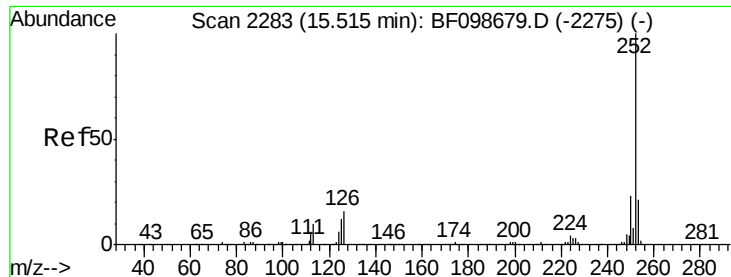
Tot Ion:252 Resp: 784672
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 13.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.43 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Tgt Ion:252 Resp: 784672
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 13.4 10.2 15.2

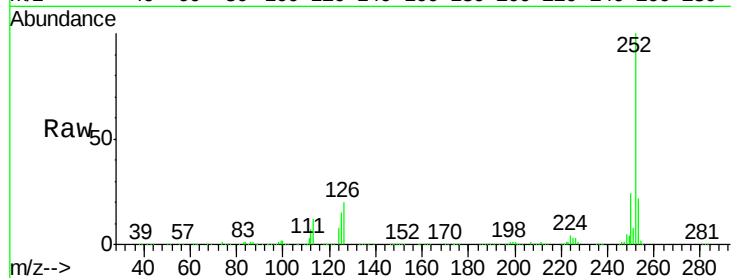




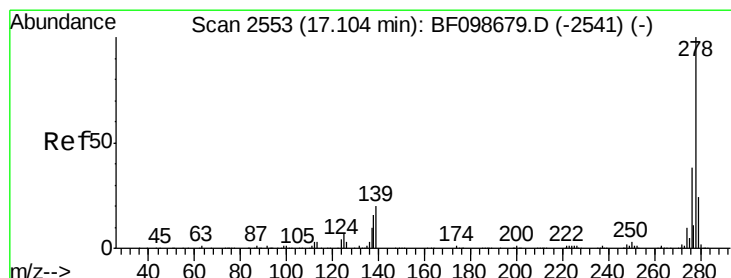
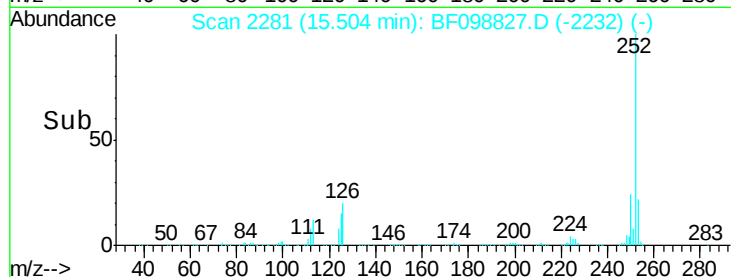
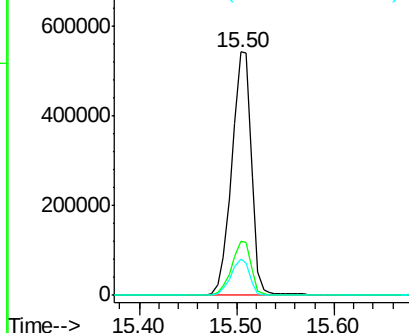
#89
Benzo(a)pyrene
Concen: 39.05 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	14.8	9.8	14.6

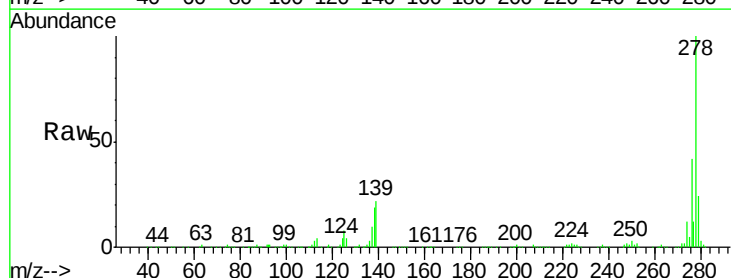


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

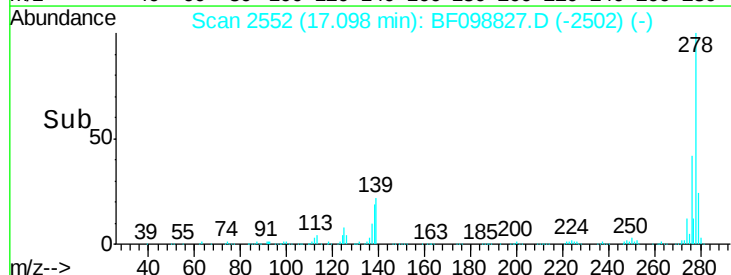
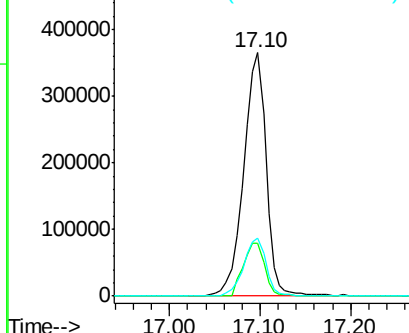


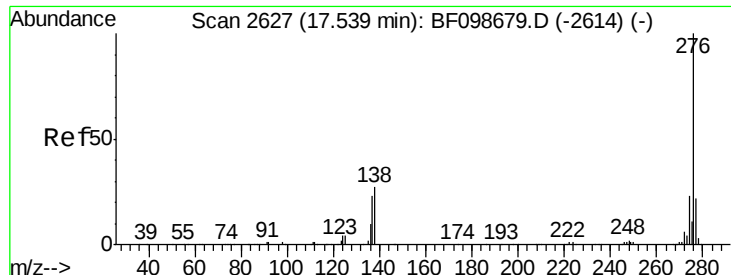
#90
Dibenzo(a,h)anthracene
Concen: 40.48 ng
RT: 17.10 min Scan# 2552
Delta R.T. -0.01 min
Lab File: BF098827.D
Acq: 26 Sep 2017 12:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	15.9	23.9
279	23.9	19.0	28.4



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

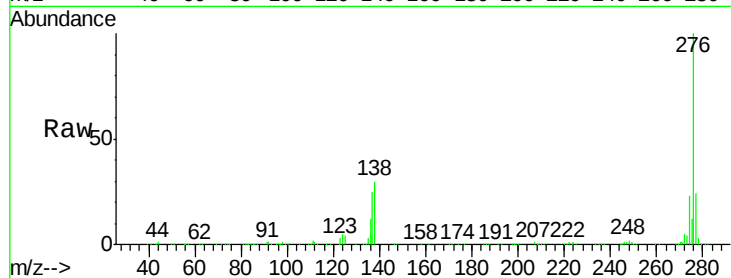




#91
 Benzo(a,h,i)perylene
 Concen: 41.21 ng
 RT: 17.54 min Scan# 2627
 Delta R.T. -0.01 min
 Lab File: BF098827.D
 Acq: 26 Sep 2017 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	29.6	21.8	32.8



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

