

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098814.D
 Acq On : 26 Sep 2017 6:38
 Operator : SJ/JU
 Sample : PB102566BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 08:45:28 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	137351	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	585966	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	263717	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	443862	20.00	ng	0.00
75) Chrysene-d12	14.08	240	251004	20.00	ng	0.00
86) Perylene-d12	15.57	264	239884	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	800365	92.76	ng	0.00
7) Phenol-d6	6.54	99	967079	90.86	ng	0.00
23) Nitrobenzene-d5	7.48	82	846961	92.69	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	196697	91.15	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1536679	97.28	ng	0.00
78) Terphenyl-d14	13.02	244	1104748	100.09	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.79	88	144152	34.975	ng	97
3) Pyridine	3.56	79	413448	37.082	ng	98
4) n-Nitrosodimethylamine	3.51	42	190373	40.265	ng	96
6) Aniline	6.57	93	487990	33.970	ng	99
8) 2-Chlorophenol	6.70	128	414391	42.410	ng	99
9) Benzaldehyde	6.46	77	98876	16.015	ng	99
10) Phenol	6.55	94	503555	42.302	ng	98
11) bis(2-Chloroethyl)ether	6.65	93	393071	42.475	ng	98
12) 1,3-Dichlorobenzene	6.86	146	432843	42.299	ng	98
13) 1,4-Dichlorobenzene	6.93	146	435418	41.821	ng	98
14) 1,2-Dichlorobenzene	7.09	146	402750	41.866	ng	98
15) Benzyl Alcohol	7.05	79	353717	45.300	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	614930	42.650	ng	98
17) 2-Methylphenol	7.16	107	354440	44.333	ng	97
18) Hexachloroethane	7.43	117	147752	39.482	ng	97
19) n-Nitroso-di-n-propylamine	7.33	70	281273	41.391	ng	96
20) 3+4-Methylphenols	7.32	107	431138	42.627	ng	# 82
22) Acetophenone	7.32	105	559836	39.434	ng	# 99
24) Nitrobenzene	7.50	77	427542	41.249	ng	97
25) Isophorone	7.73	82	784672	41.537	ng	99
26) 2-Nitrophenol	7.81	139	210818	42.297	ng	96
27) 2,4-Dimethylphenol	7.85	122	393712	41.827	ng	98
28) bis(2-Chloroethoxy)methane	7.94	93	504298	42.836	ng	100
29) 2,4-Dichlorophenol	8.05	162	348760	43.155	ng	98
30) 1,2,4-Trichlorobenzene	8.14	180	341417	42.239	ng	99
31) Naphthalene	8.22	128	1167529	42.424	ng	100
32) Benzoic acid	7.96	122	209263	27.065	ng	97
33) 4-Chloroaniline	8.26	127	344480	29.974	ng	99
34) Hexachlorobutadiene	8.33	225	172938	41.539	ng	100
35) Caprolactam	8.64	113	74554	28.759	ng	92
36) 4-Chloro-3-methylphenol	8.74	107	374630	41.242	ng	99
37) 2-Methylnaphthalene	8.91	142	807085	45.112	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	313773	39.896	ng	99
40) Hexachlorocyclopentadiene	9.06	237	160189	44.569	ng	97

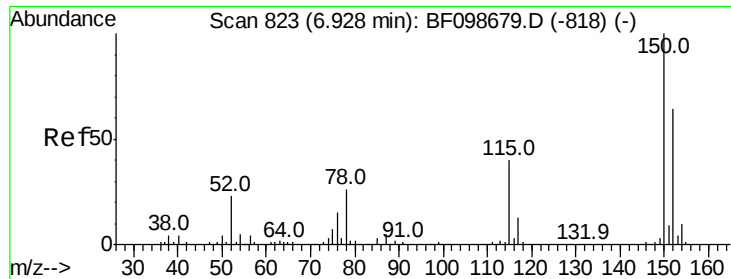
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	238876	42.873	nq	100
43) 2,4,5-Trichlorophenol	9.23	196	240204	43.187	nq	95
45) 1,1'-Biphenyl	9.37	154	921071	40.639	nq	100
46) 2-Chloronaphthalene	9.40	162	725148	42.612	nq	97
47) 2-Nitroaniline	9.49	65	234035	44.914	nq	98
48) Acenaphthylene	9.82	152	1100259	42.235	nq	100
49) Dimethylphthalate	9.67	163	870031	43.712	nq	100
50) 2,6-Dinitrotoluene	9.73	165	193431	44.639	nq	99
51) Acenaphthene	9.99	154	674992	40.904	nq	97
52) 3-Nitroaniline	9.90	138	175678	34.770	nq	96
53) 2,4-Dinitrophenol	10.00	184	37958	21.428	nq	95
54) Dibenzofuran	10.16	168	1001948	45.602	nq	99
55) 4-Nitrophenol	10.06	139	346754	81.164	nq	91
56) 2,4-Dinitrotoluene	10.14	165	252846	44.961	nq	# 95
57) Fluorene	10.50	166	750760	42.512	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	176115	45.838	nq	98
59) Diethylphthalate	10.37	149	858873	44.160	nq	97
60) 4-Chlorophenyl-phenylether	10.49	204	343061	43.246	nq	98
61) 4-Nitroaniline	10.52	138	197547	40.527	nq	90
62) Azobenzene	10.65	77	814337	45.537	nq	98
64) 4,6-Dinitro-2-methylphenol	10.55	198	36857	13.648	nq	83
65) n-Nitrosodiphenylamine	10.61	169	697866	45.385	nq	99
66) 4-Bromophenyl-phenylether	10.99	248	199468	45.911	nq	# 90
67) Hexachlorobenzene	11.05	284	194684	41.955	nq	95
68) Atrazine	11.14	200	218889	47.313	nq	99
69) Pentachlorophenol	11.24	266	189390	65.580	nq	98
70) Phenanthrene	11.47	178	1043328	43.913	nq	99
71) Anthracene	11.52	178	1080000	44.427	nq	99
72) Carbazole	11.67	167	1014051	42.597	nq	99
73) Di-n-butylphthalate	11.99	149	1325413	46.255	nq	99
74) Fluoranthene	12.65	202	951093	39.533	nq	99
76) Benzidine	12.77	184	618618	66.634	nq	98
77) Pyrene	12.89	202	938287	49.022	nq	99
79) Butylbenzylphthalate	13.49	149	486279	54.059	nq	98
80) Benzo(a)anthracene	14.07	228	678166	44.619	nq	100
81) 3,3'-Dichlorobenzidine	14.03	252	238863	42.870	nq	98
82) Chrysene	14.10	228	635990	43.952	nq	100
83) Bis(2-ethylhexyl)phthalate	14.05	149	672624	54.305	nq	99
84) Di-n-octyl phthalate	14.66	149	1011712	50.727	nq	98
85) Indeno(1,2,3-cd)pyrene	17.08	276	571833	49.402	nq	96
87) Benzo(b)fluoranthene	15.16	252	590170	40.014	nq	99
88) Benzo(k)fluoranthene	15.16	252	590170	40.512	nq	98
89) Benzo(a)pyrene	15.50	252	597487	44.132	nq	# 96
90) Dibenzo(a,h)anthracene	17.09	278	491060	45.322	nq	97
91) Benzo(g,h,i)perylene	17.53	276	448542	41.881	nq	97

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

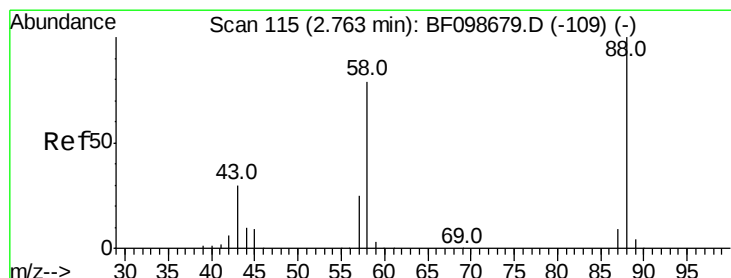
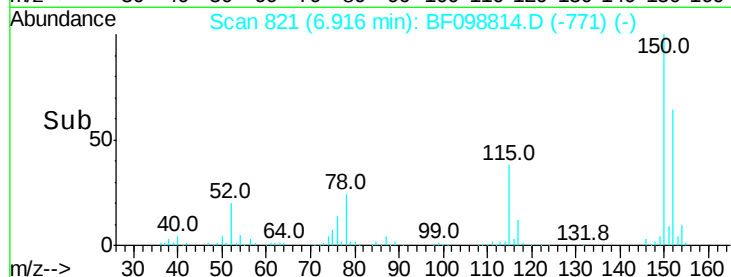
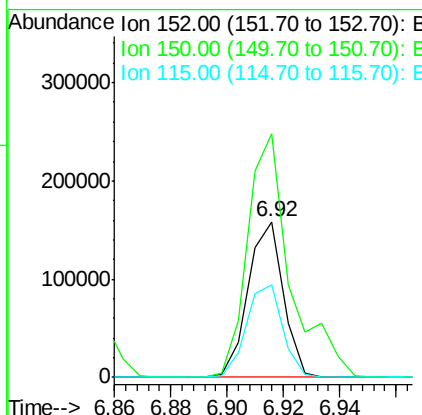
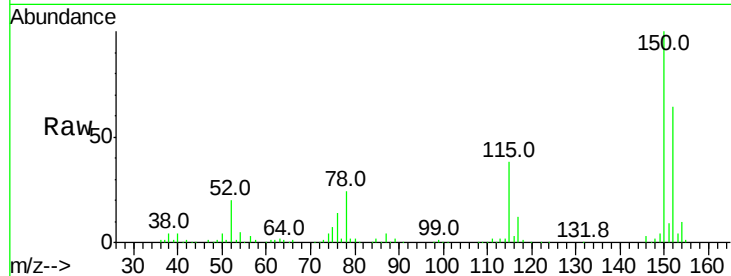


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

Instrument :
BNA_F
ClientSampleId :

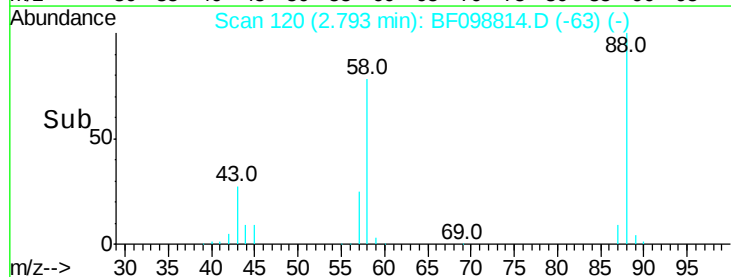
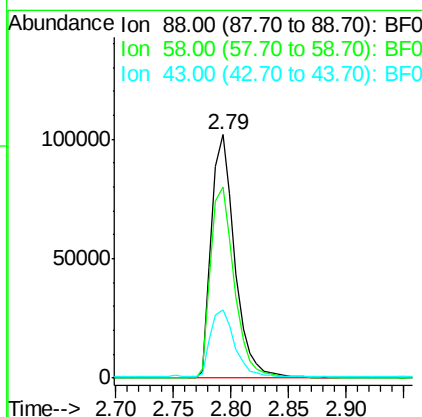
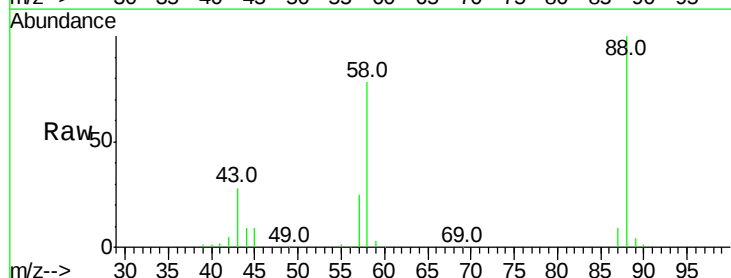
Tot Ion:152 Resp: 137351
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 59.4 50.1 75.1

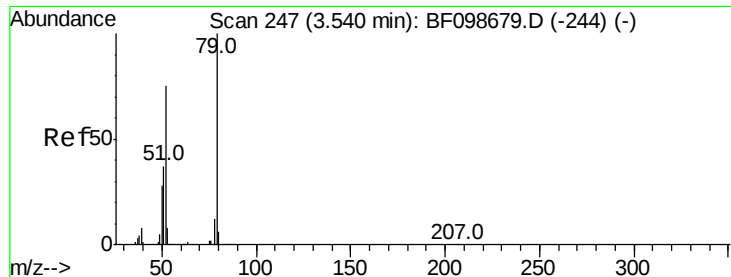


#2

1,4-Dioxane
Concen: 34.975 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.04 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

Tgt Ion: 88 Resp: 144152
Ion Ratio Lower Upper
88 100
58 80.1 62.6 93.8
43 28.5 24.6 37.0





#3

Pvridine

Concen: 37.082 ng

RT: 3.56 min Scan# 250

Delta R.T. 0.03 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Instrument :

BNA_F

ClientSampleId :

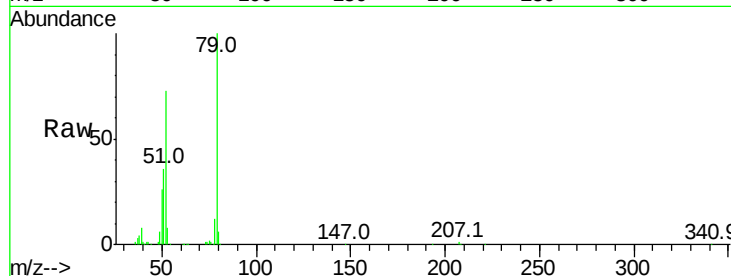
Tot Ion: 79 Resp: 413448

Ion Ratio Lower Upper

79 100

52 72.7 59.8 89.6

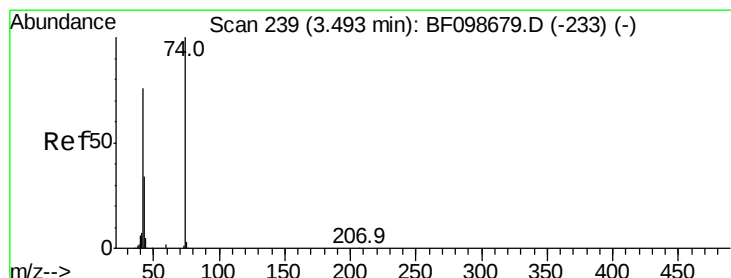
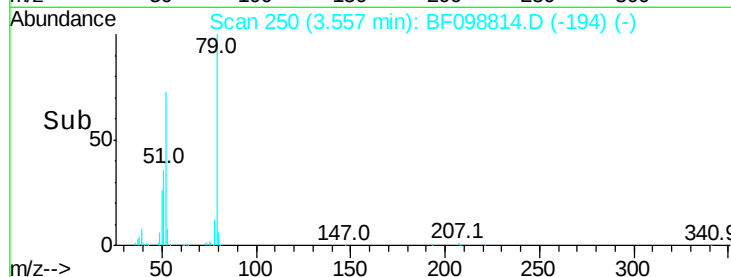
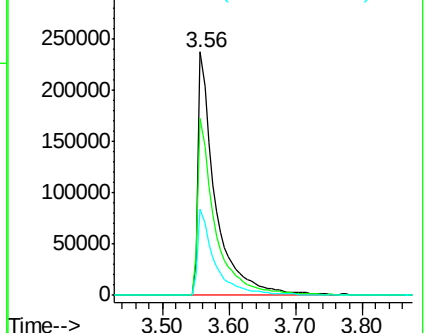
51 35.6 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.265 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.02 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

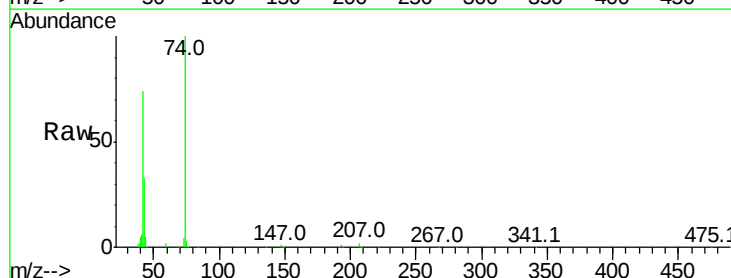
Tgt Ion: 42 Resp: 190373

Ion Ratio Lower Upper

42 100

74 135.2 104.9 157.3

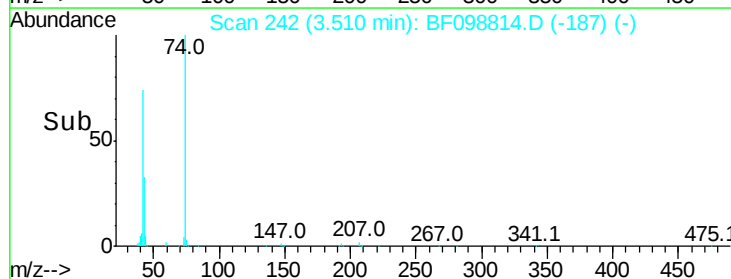
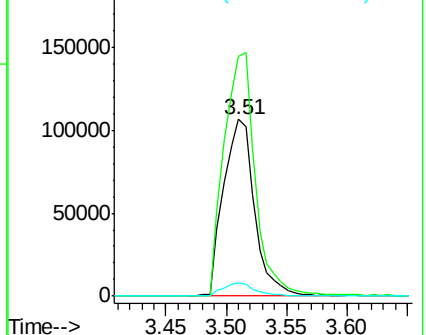
44 7.2 6.9 10.3

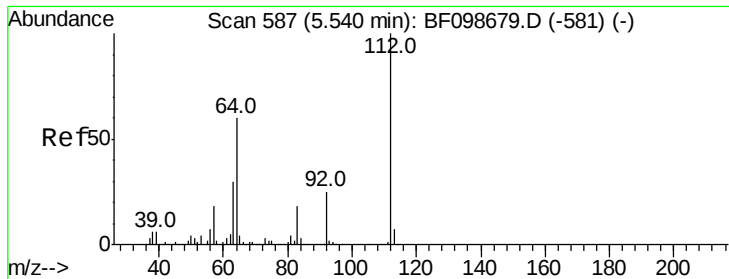


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 92.762 ng

RT: 5.54 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Instrument :

BNA_F

ClientSampleId :

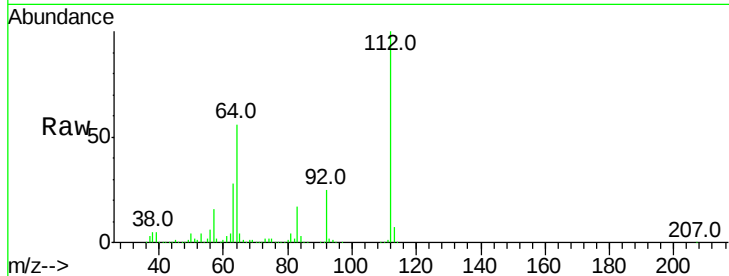
Tot Ion:112 Resp: 800365

Ion Ratio Lower Upper

112 100

64 56.4 47.9 71.9

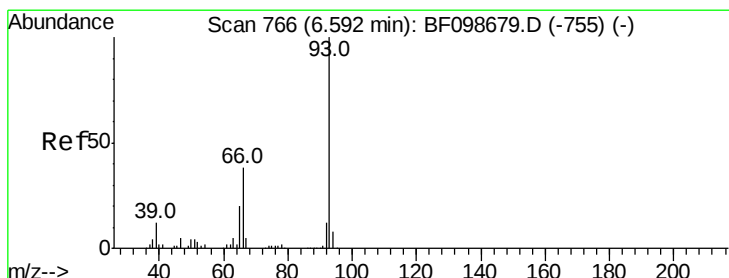
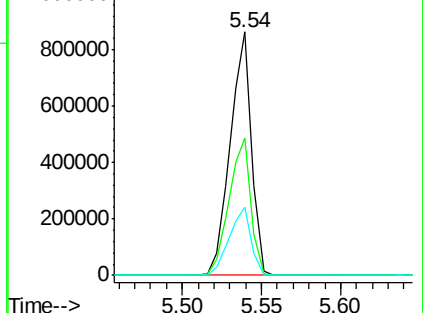
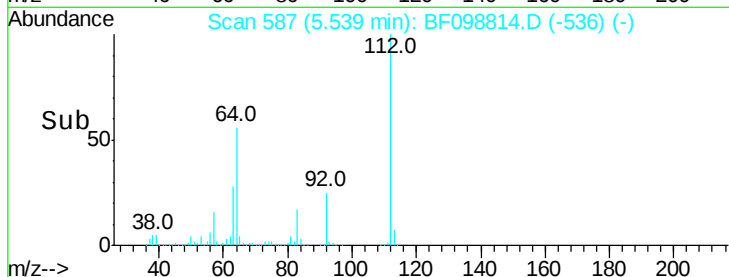
63 28.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.970 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

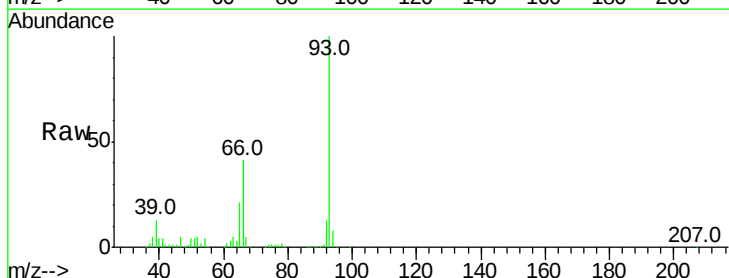
Tgt Ion: 93 Resp: 487990

Ion Ratio Lower Upper

93 100

66 41.2 32.2 48.2

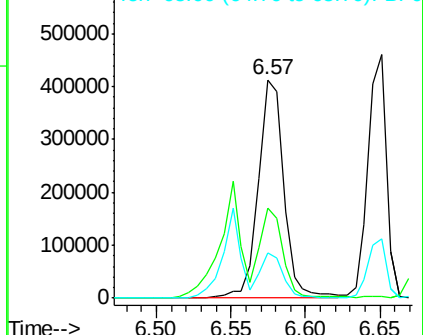
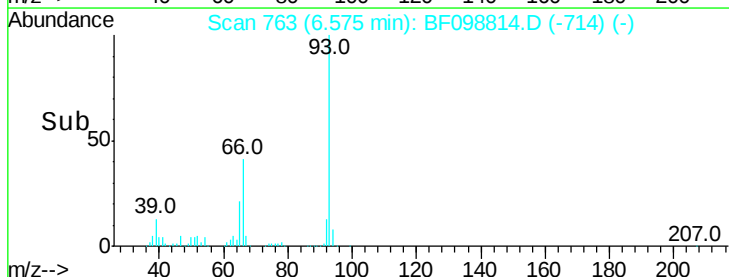
65 20.6 16.4 24.6

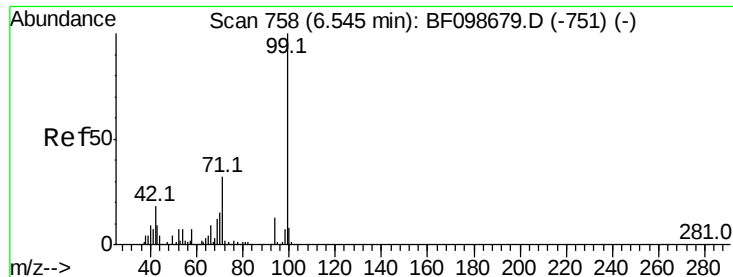


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 90.859 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Instrument :

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ClientSampleId :

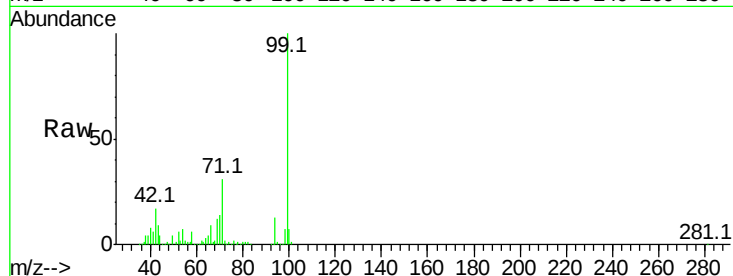
Tot Ion: 99 Resp: 967079

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

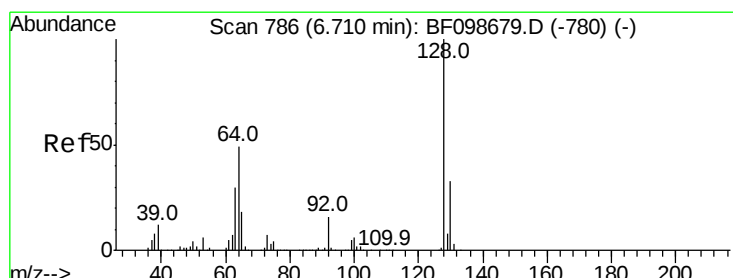
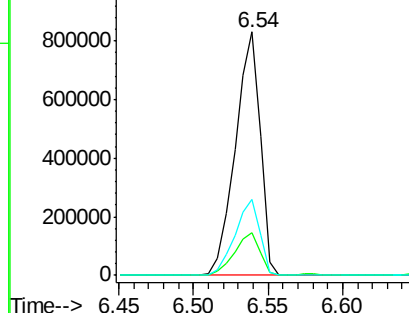
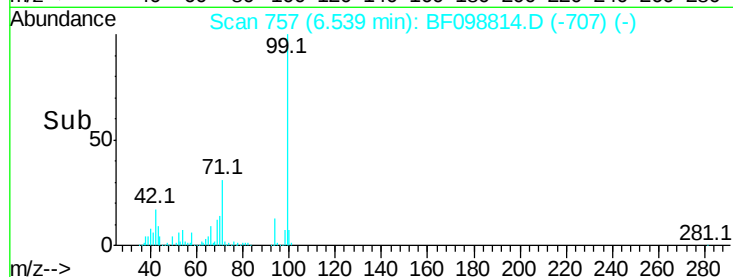
71 31.3 25.4 38.0



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: 42.410 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

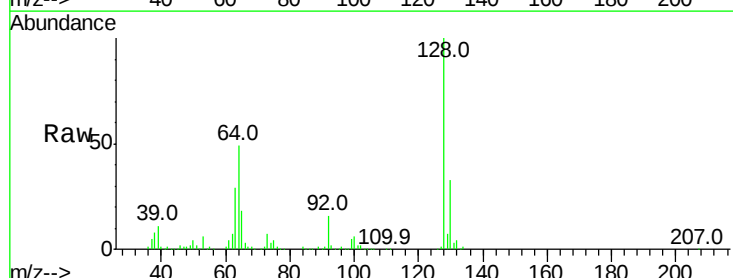
Tgt Ion: 128 Resp: 414391

Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

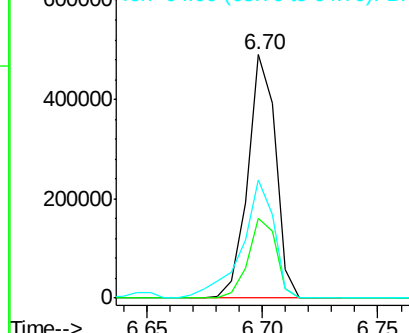
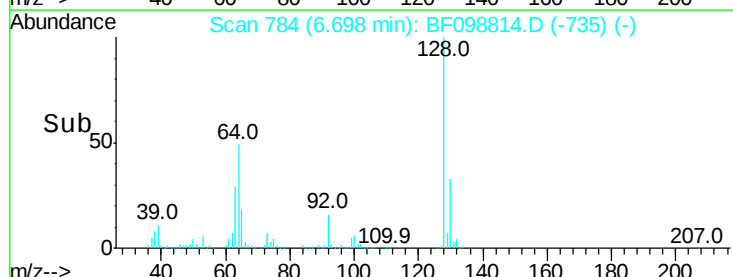
64 48.7 29.4 69.4

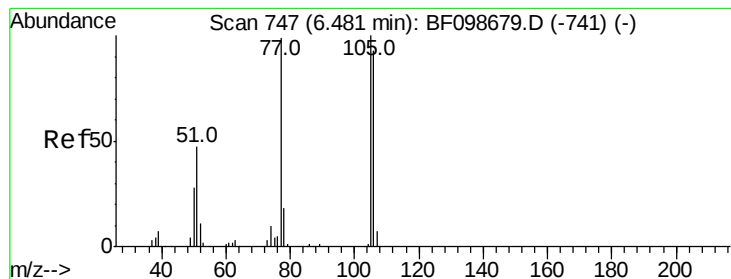


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.015 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Instrument :

BNA_F

ClientSampleId :

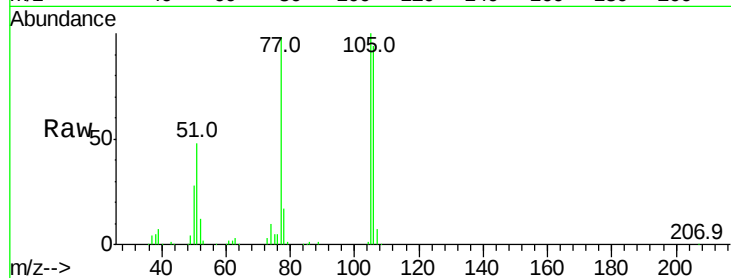
Tot Ion: 77 Resp: 98876

Ion Ratio Lower Upper

77 100

105 101.9 81.1 121.1

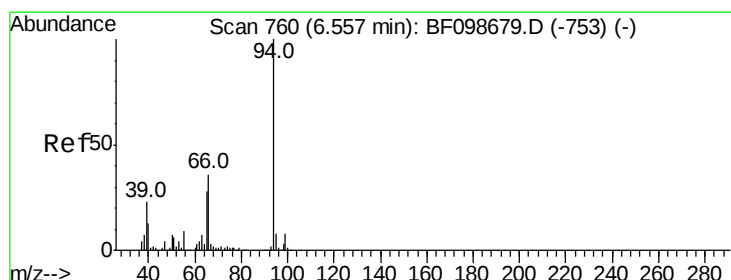
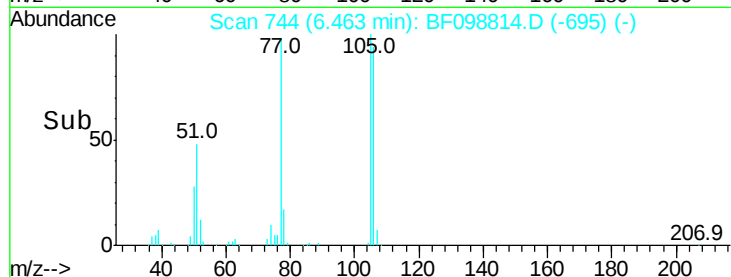
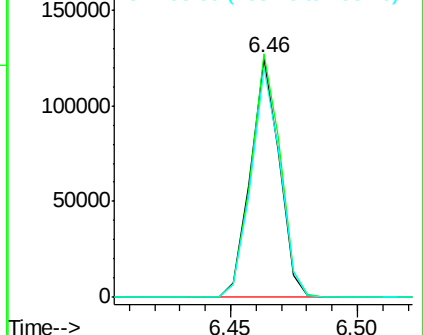
106 95.8 74.5 114.5



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: 42.302 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

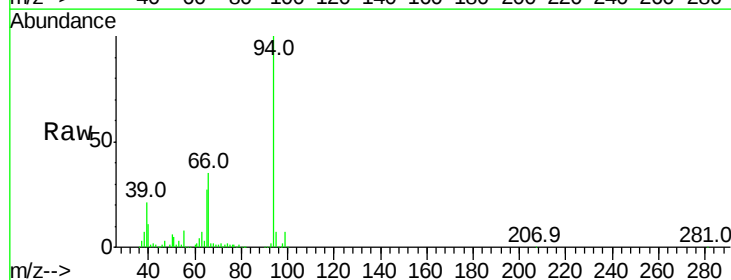
Tgt Ion: 94 Resp: 503555

Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

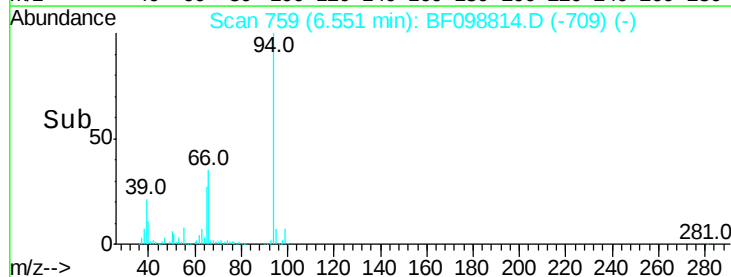
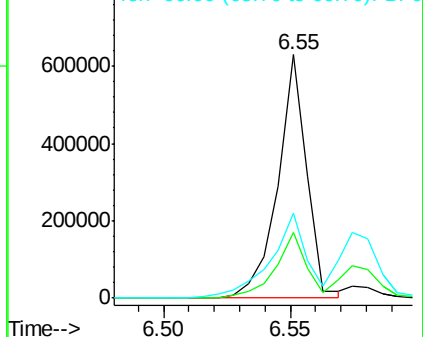
66 35.1 16.2 56.2

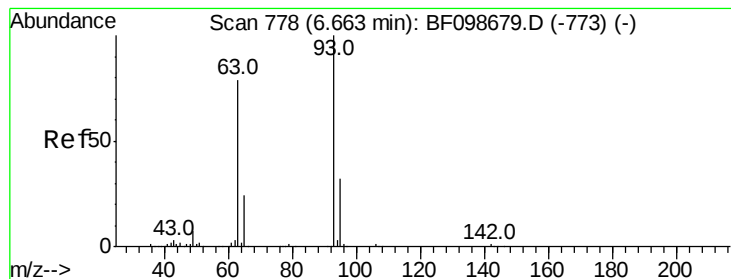


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.475 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Instrument :

BNA_F

ClientSampleId :

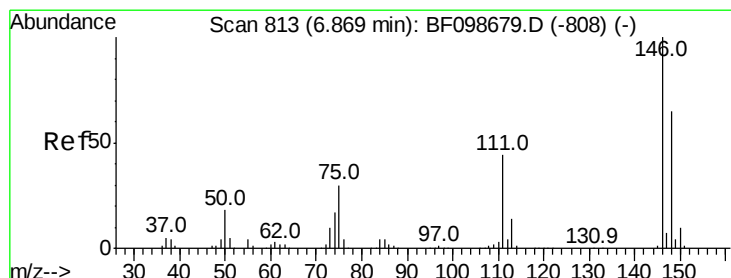
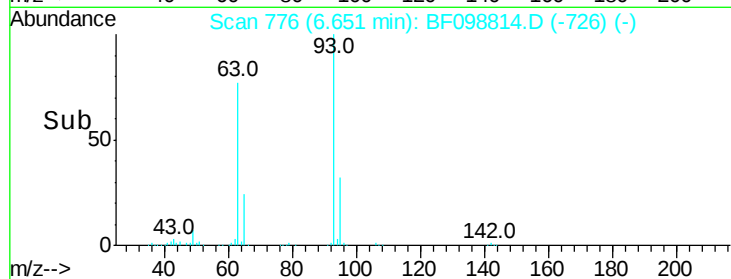
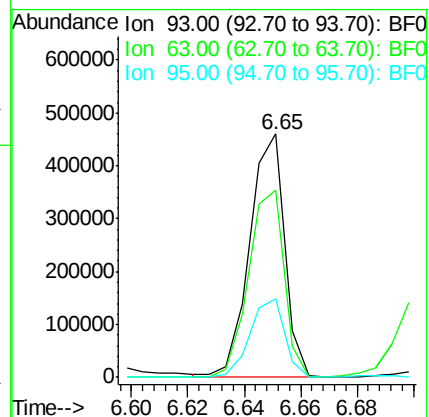
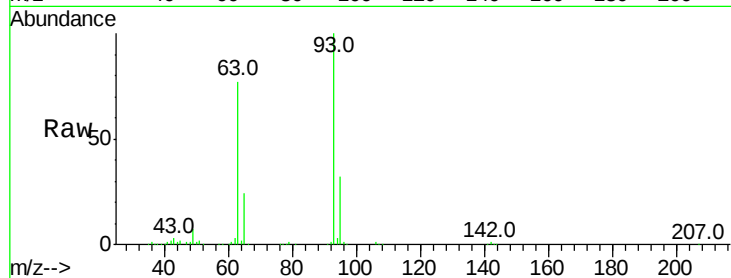
Tot Ion: 93 Resp: 393071

Ion Ratio Lower Upper

93 100

63 76.7 58.6 98.6

95 32.1 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 42.299 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

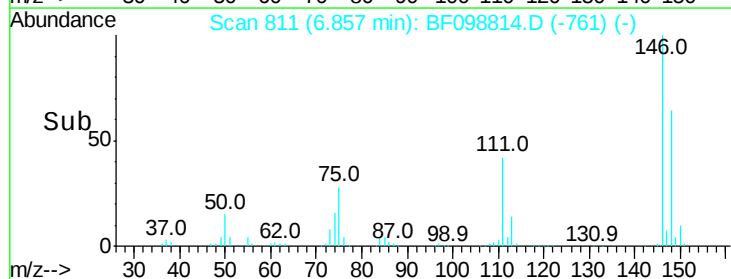
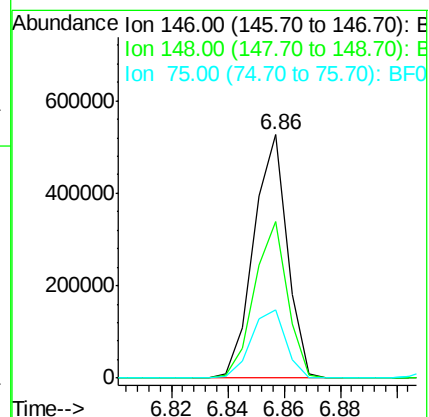
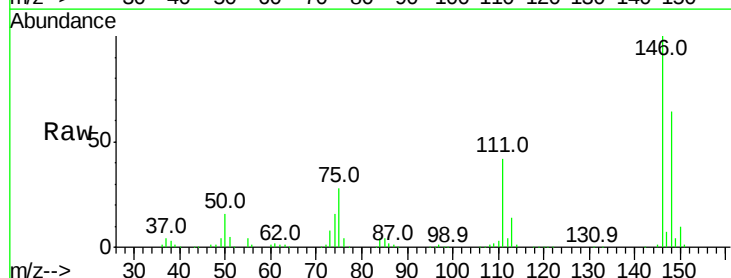
Tgt Ion: 146 Resp: 432843

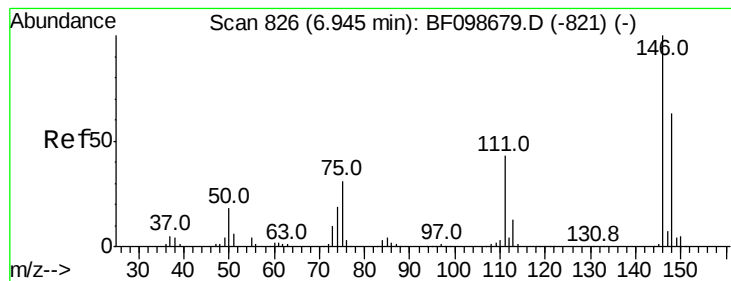
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

75 28.3 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 41.821 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Instrument :

BNA_F

ClientSampleId :

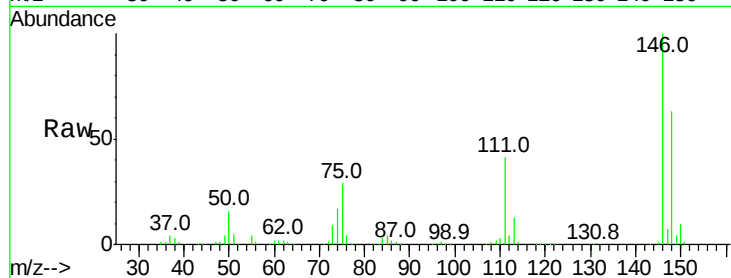
Tot Ion:146 Resp: 435418

Ion Ratio Lower Upper

146 100

148 62.9 50.8 76.2

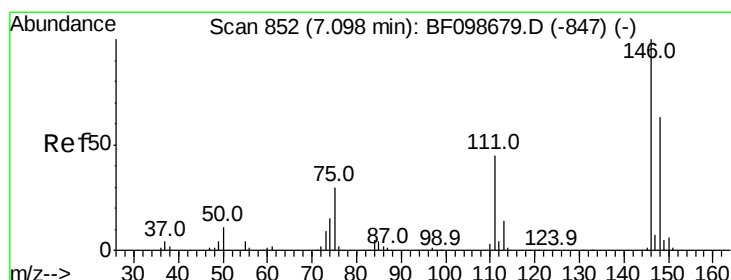
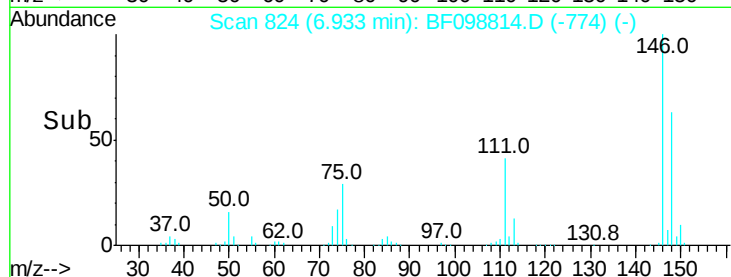
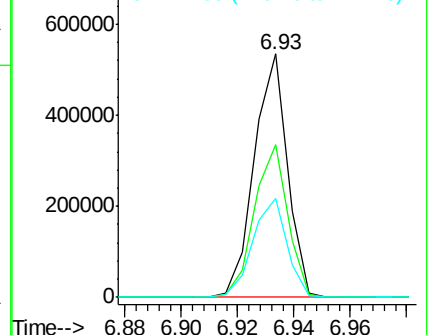
111 40.6 34.2 51.2



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: 41.866 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

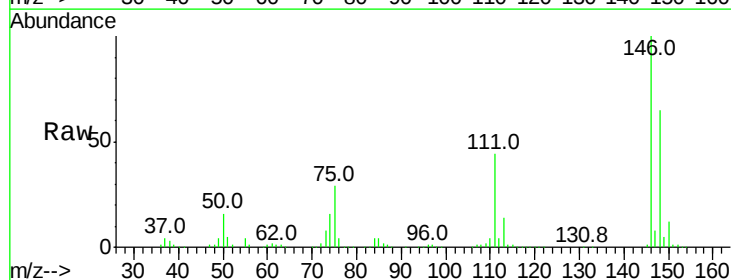
Tgt Ion:146 Resp: 402750

Ion Ratio Lower Upper

146 100

148 64.6 50.6 75.8

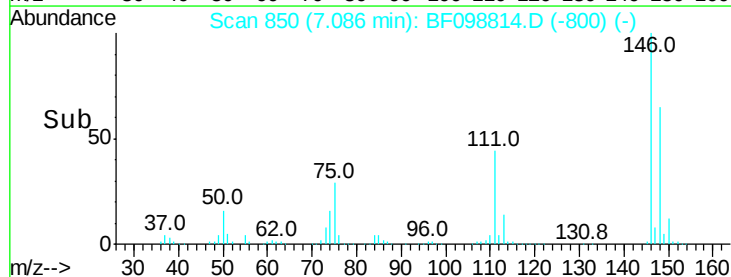
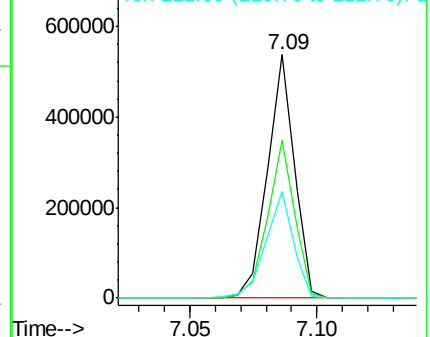
111 43.9 36.0 54.0

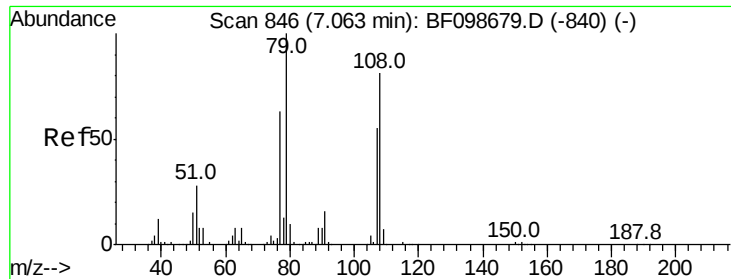


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.300 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Instrument :

BNA_F

ClientSampleId :

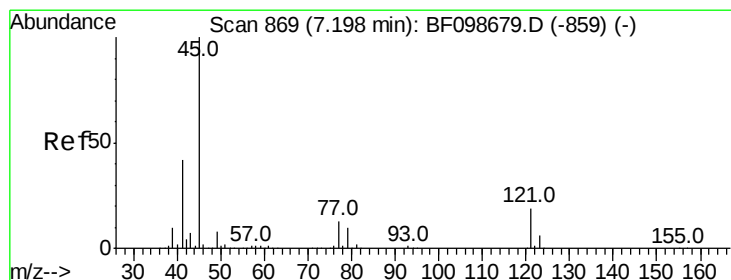
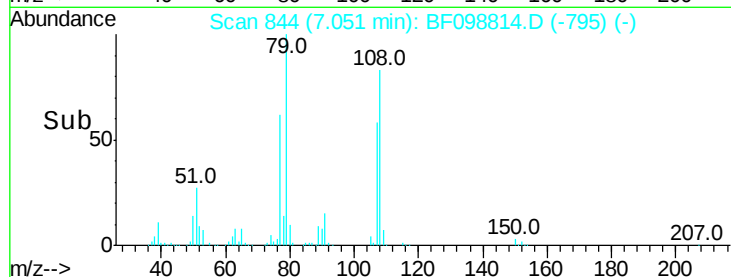
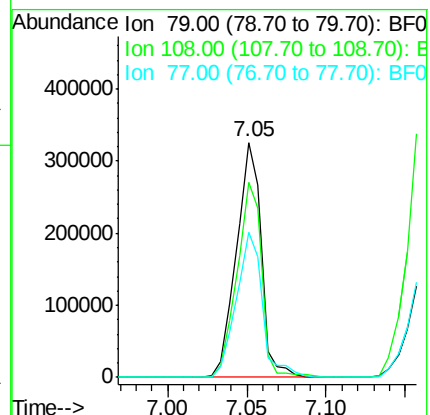
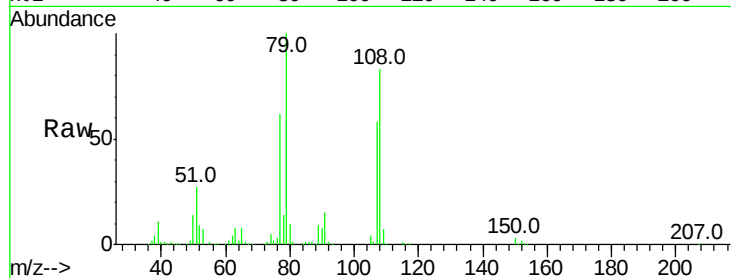
Tot Ion: 79 Resp: 353717

Ion Ratio Lower Upper

79 100

108 83.1 65.1 97.7

77 61.7 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.650 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

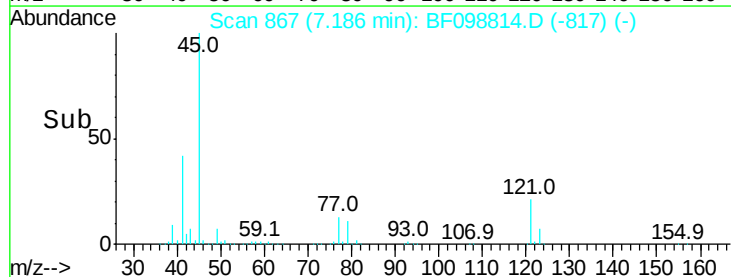
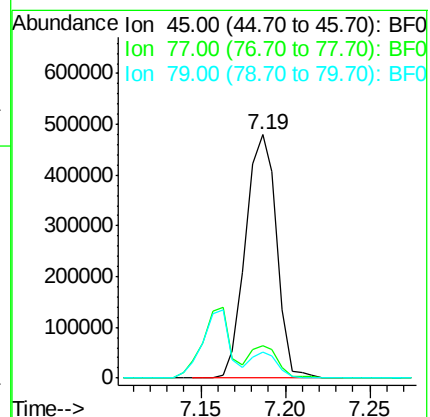
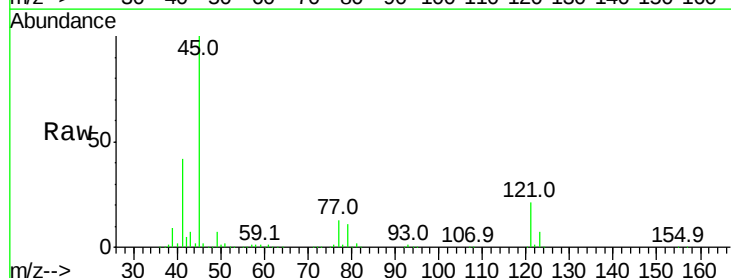
Tgt Ion: 45 Resp: 614930

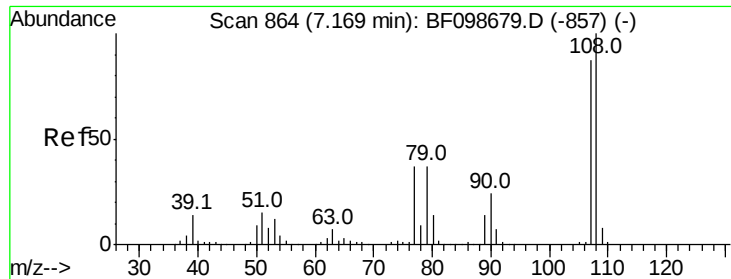
Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.9

79 10.6 0.0 29.6

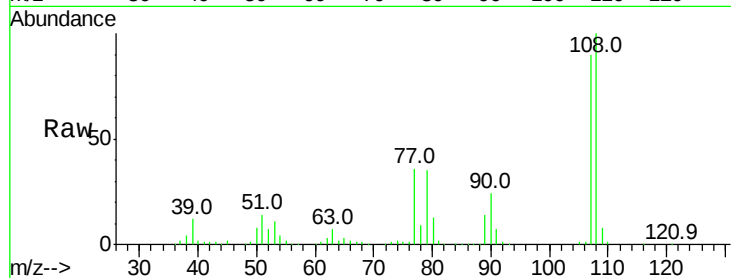




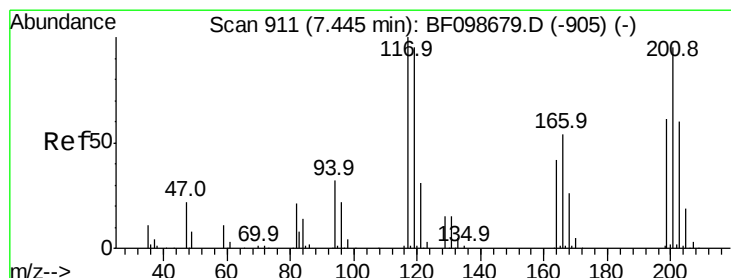
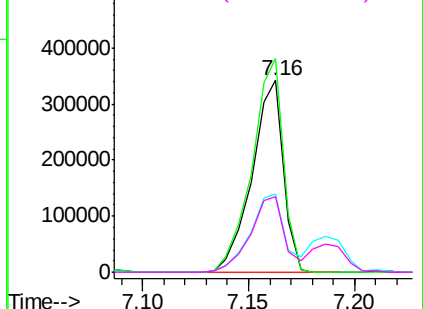
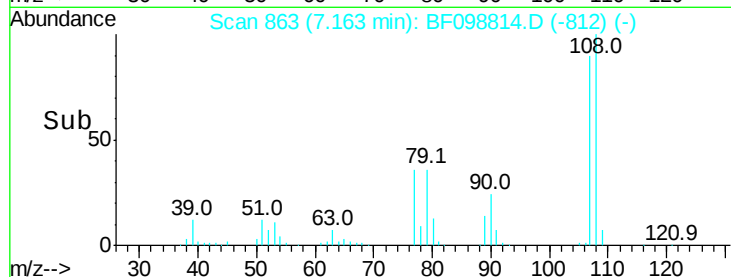
#17
2-Methylphenol
Concen: 44.333 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 354440
Ion Ratio Lower Upper
107 100
108 111.4 91.7 137.5
77 40.6 33.8 50.8
79 39.5 33.8 50.8

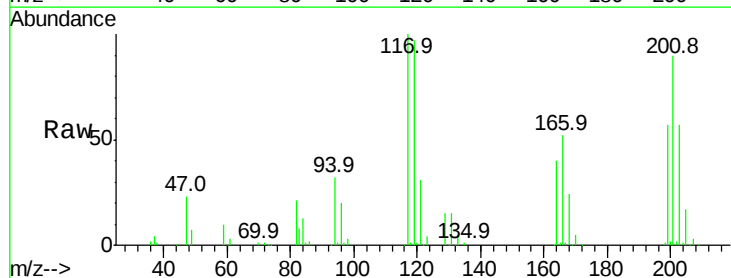


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

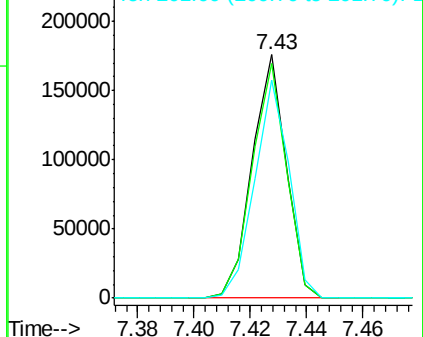
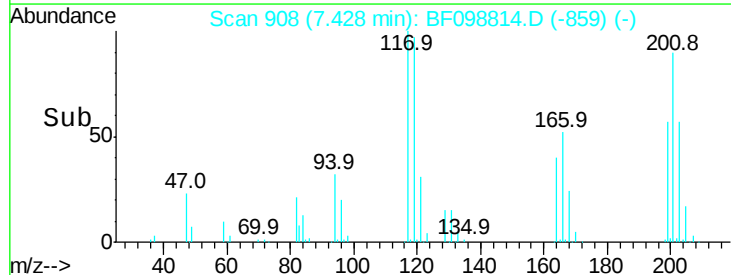


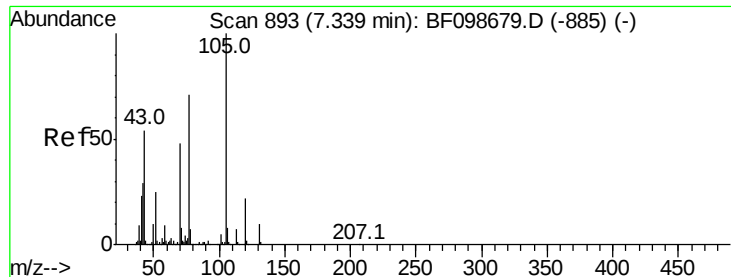
#18
Hexachloroethane
Concen: 39.482 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

Tgt Ion:117 Resp: 147752
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8
201 89.6 75.7 113.5



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

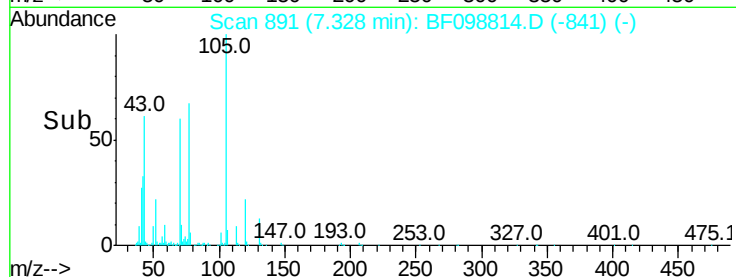
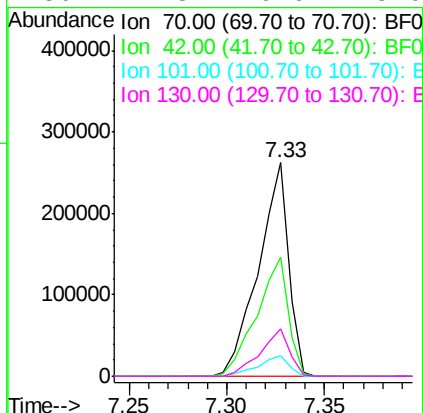
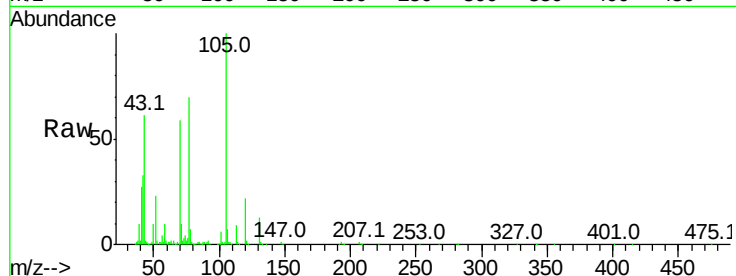




#19
n-Nitroso-di-n-propylamine
Concen: 41.391 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

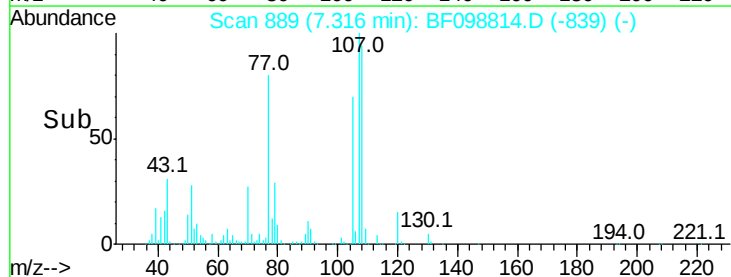
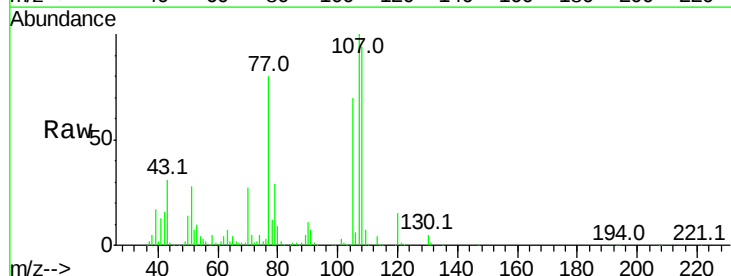
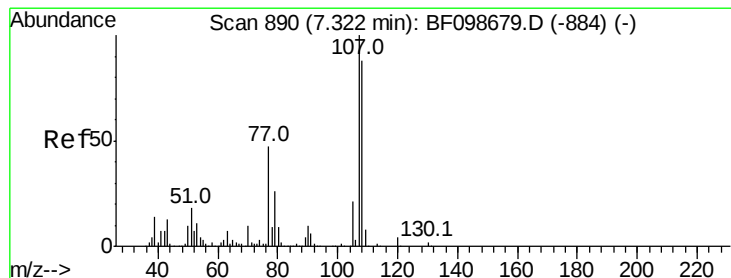
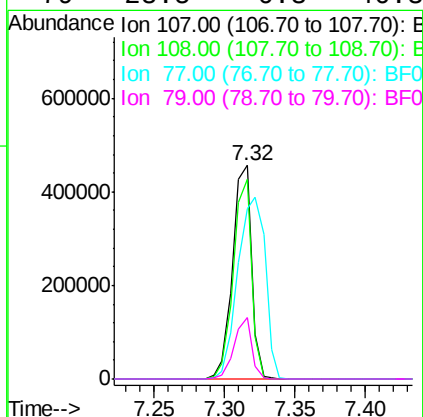
Instrument :
BNA_F
ClientSampleId :

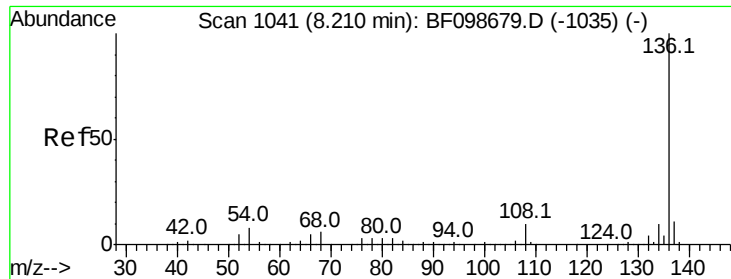
Tot Ion: 70 Resp: 281273
Ion Ratio Lower Upper
70 100
42 55.6 47.5 71.3
101 9.8 7.4 11.2
130 22.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.627 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

Tgt Ion:107 Resp: 431138
Ion Ratio Lower Upper
107 100
108 93.6 68.2 108.2
77 79.8 26.7 66.7#
79 28.5 6.3 46.3

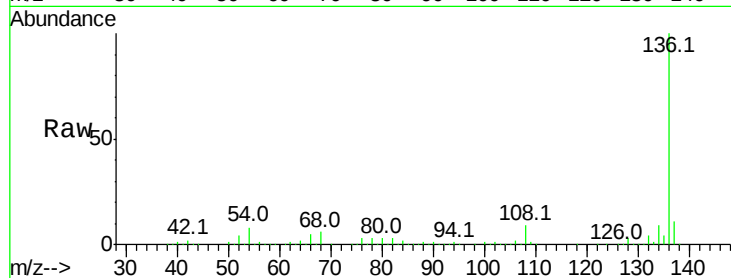




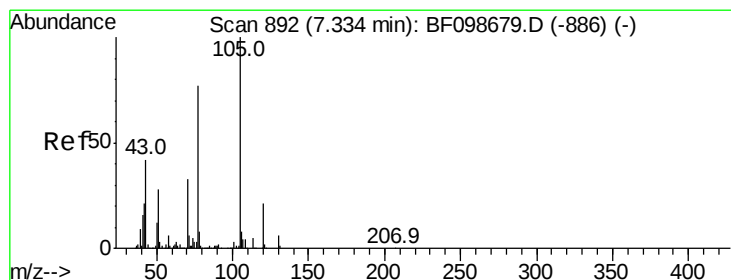
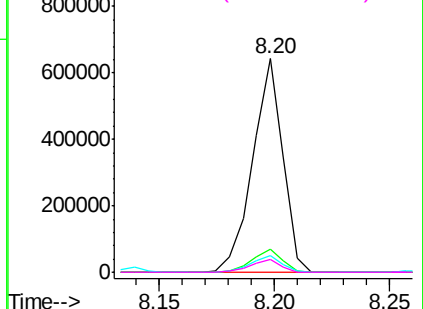
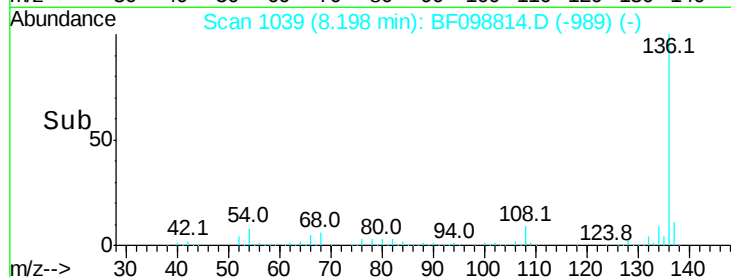
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	585966
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	8.0	6.6 9.8
68	5.8	5.0 7.4

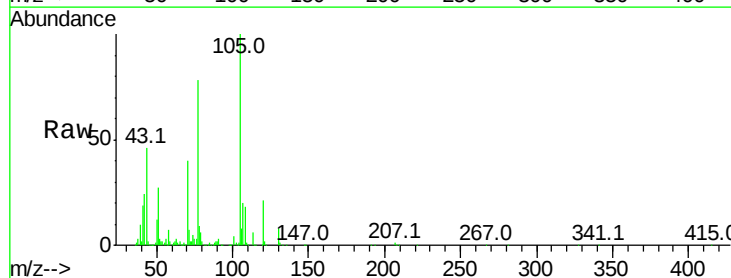


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

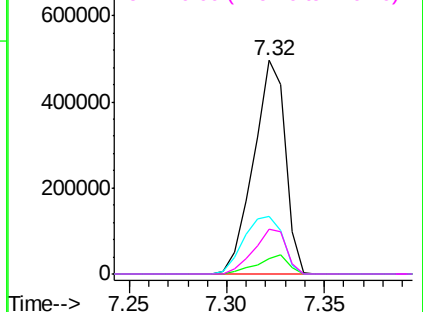
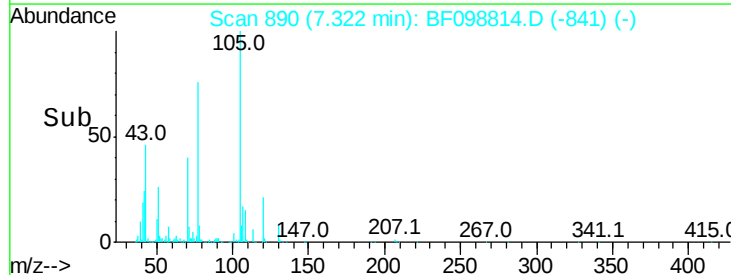


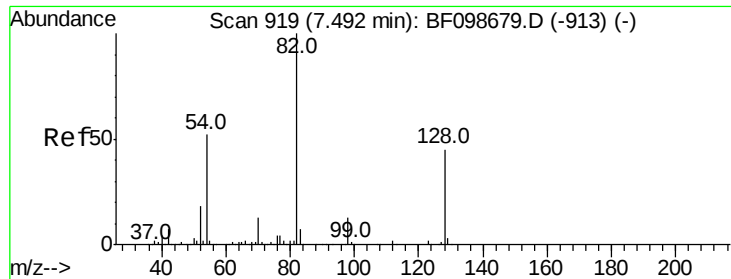
#22
Acetophenone
Concen: 39.434 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

Tgt Ion:105	Resp:	559836
Ion Ratio	Lower	Upper
105	100	
71	6.9	4.4 6.6#
51	27.1	22.3 33.5
120	21.3	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

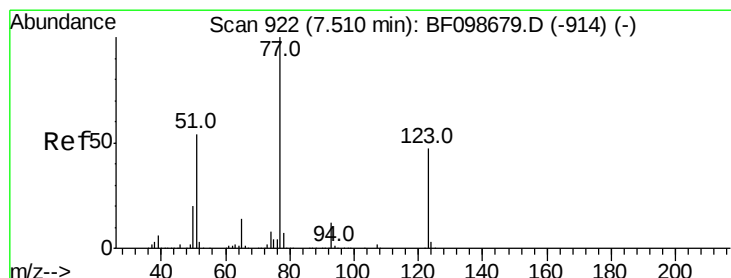
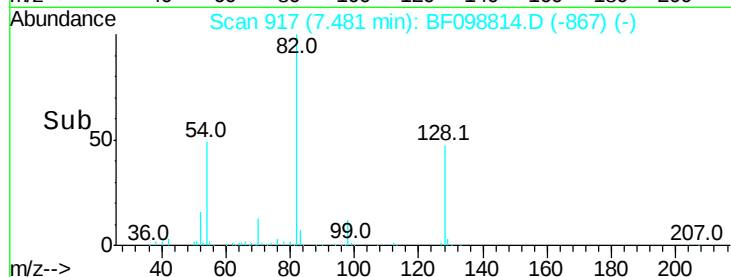
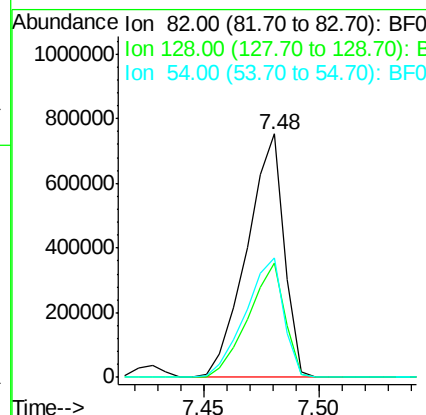
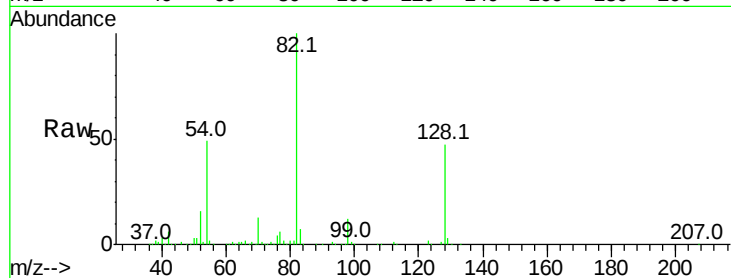




#23
Nitrobenzene-d5
Concen: 92.694 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

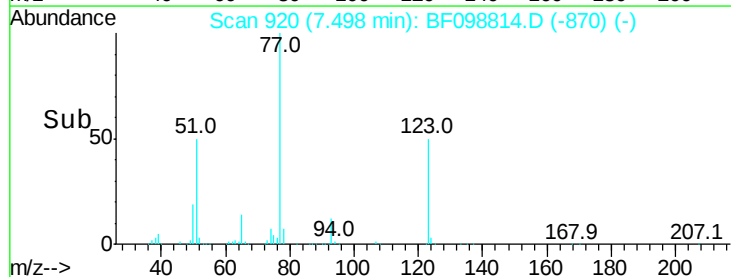
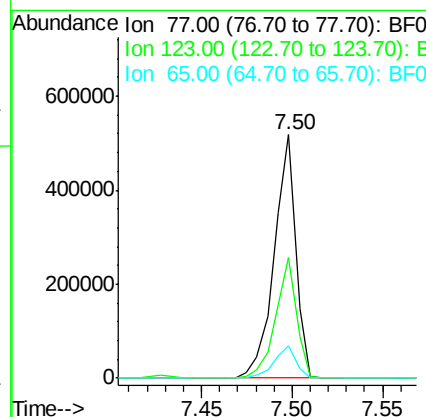
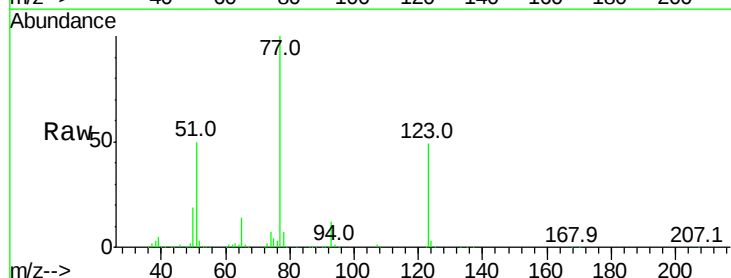
Instrument :
BNA_F
ClientSampleId :

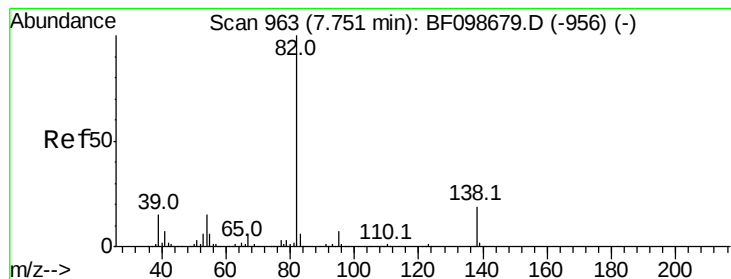
Tot Ion: 82 Resp: 846961
Ion Ratio Lower Upper
82 100
128 47.2 36.1 54.1
54 48.8 41.4 62.2



#24
Nitrobenzene
Concen: 41.249 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

Tgt Ion: 77 Resp: 427542
Ion Ratio Lower Upper
77 100
123 49.5 37.9 56.9
65 13.5 11.0 16.4





#25

Isophorone

Concen: 41.537 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Instrument :

BNA_F

ClientSampleId :

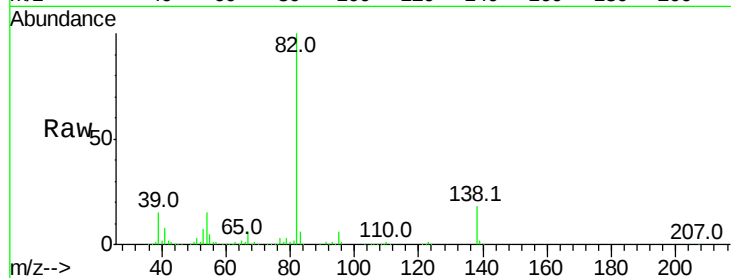
Tot Ion: 82 Resp: 784672

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

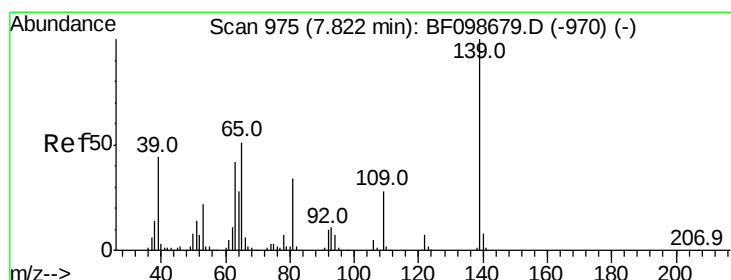
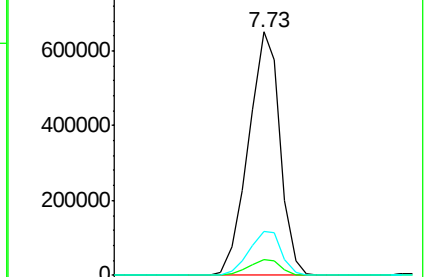
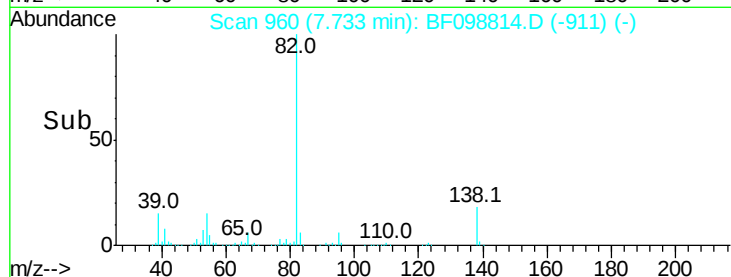
138 18.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.297 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

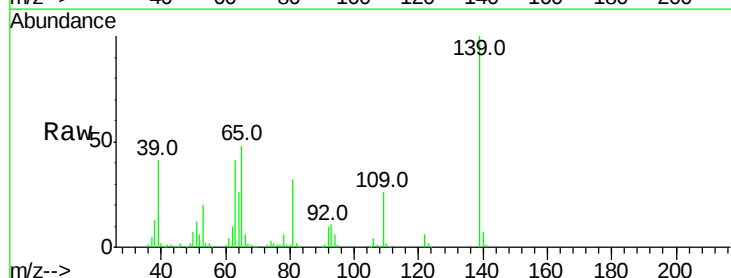
Tgt Ion: 139 Resp: 210818

Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

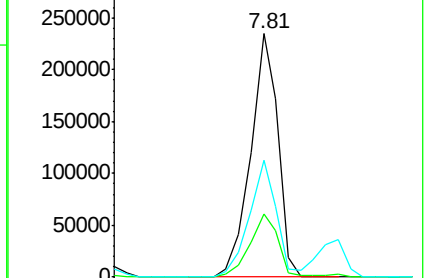
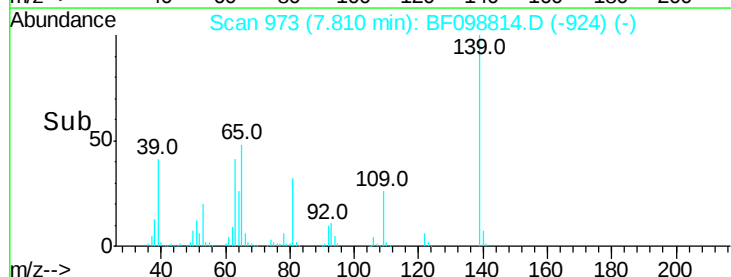
65 48.2 40.5 60.7

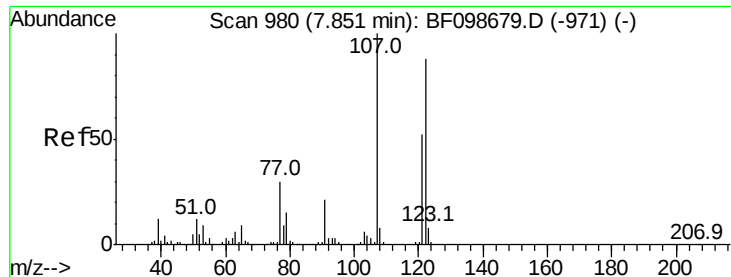


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.827 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Instrument :

BNA_F

ClientSampled :

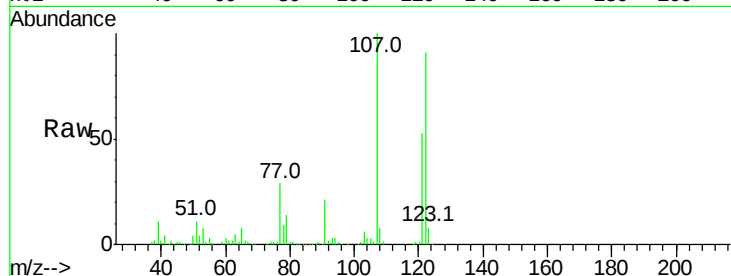
Tot Ion:122 Resp: 393712

Ion Ratio Lower Upper

122 100

107 110.2 91.2 136.8

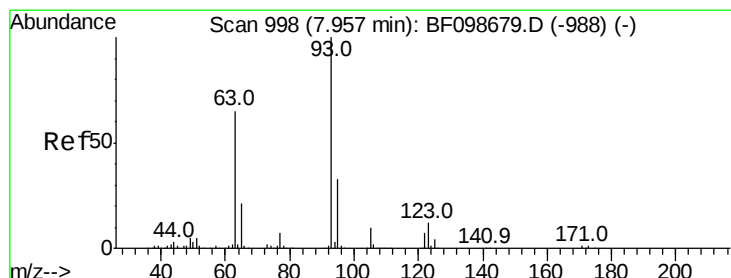
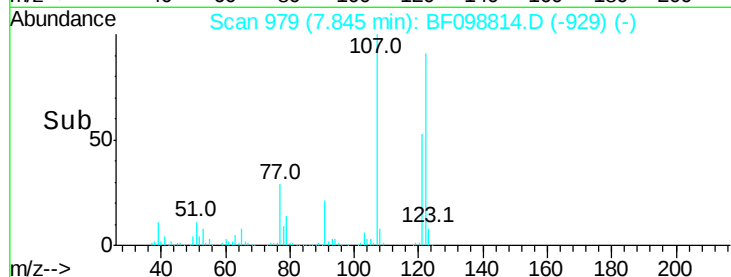
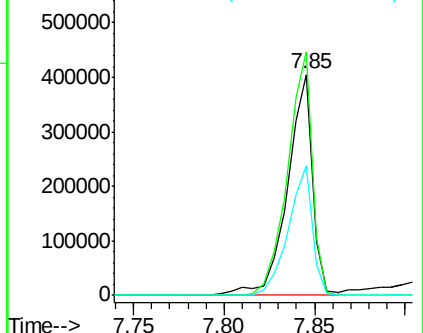
121 58.8 47.2 70.8



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: 42.836 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

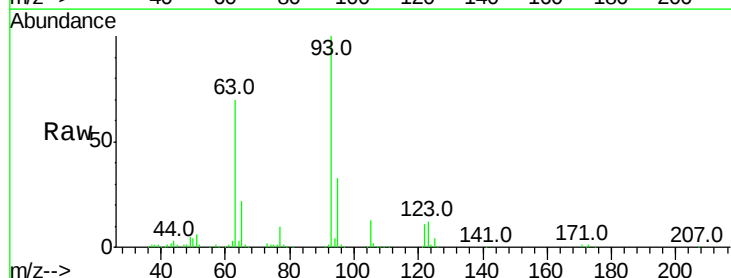
Tgt Ion: 93 Resp: 504298

Ion Ratio Lower Upper

93 100

95 32.9 26.3 39.5

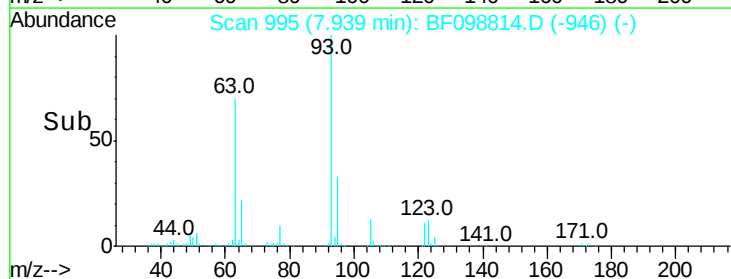
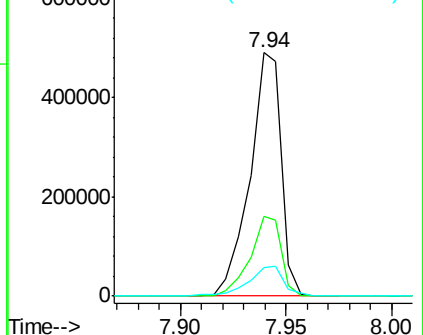
123 11.8 9.8 14.6

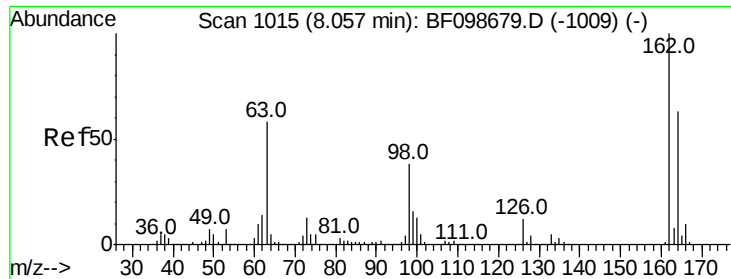


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

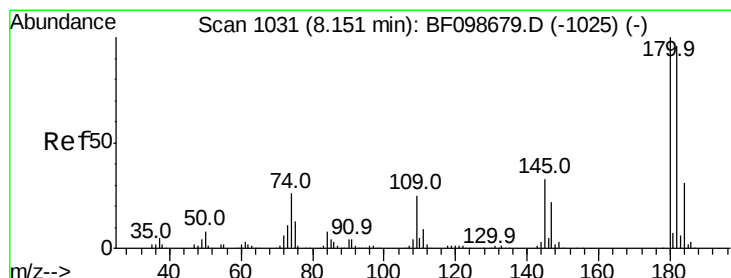
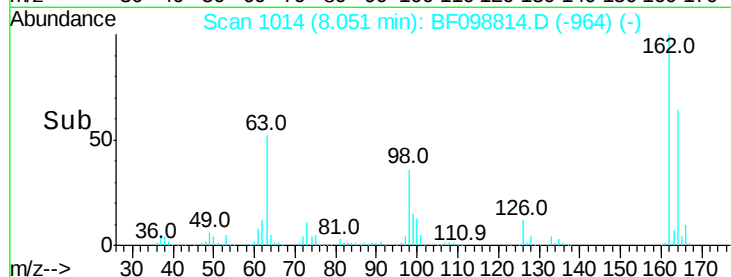
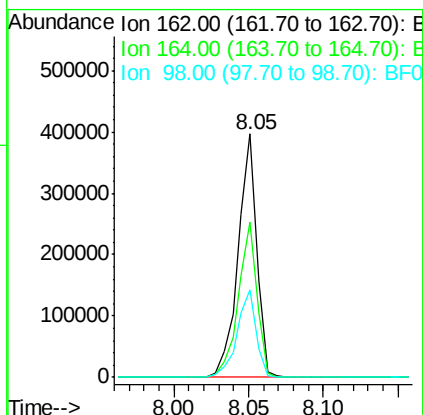
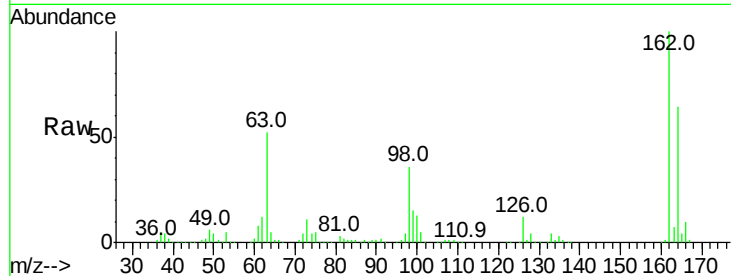




#29
 2,4-Dichlorophenol
 Concen: 43.155 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

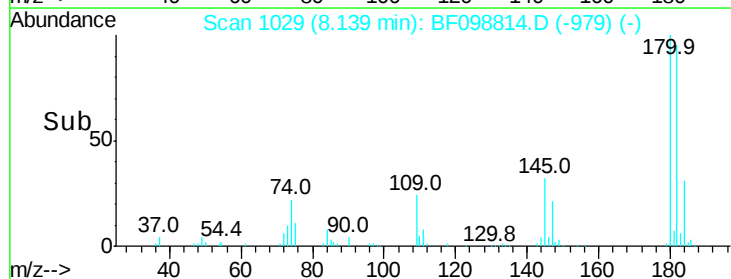
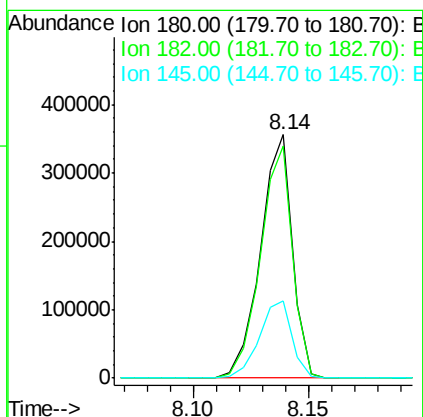
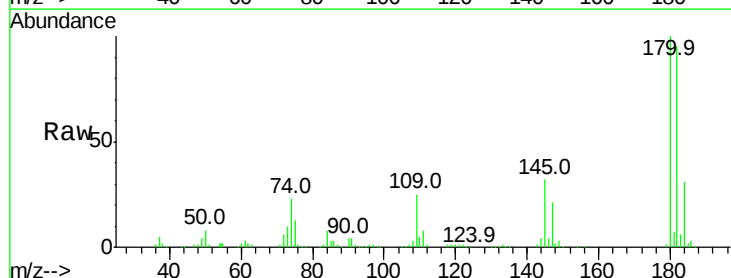
Instrument :
 BNA_F
 ClientSampled :

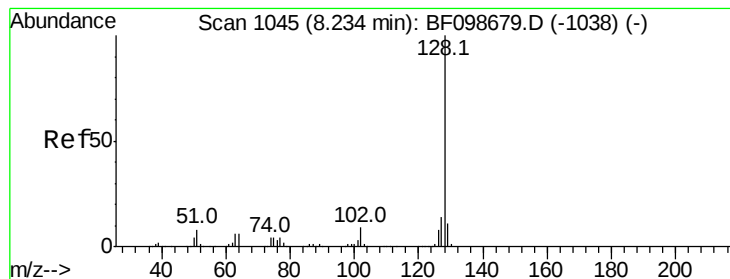
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.7	82.7
98	36.2	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.239 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.8	115.2
145	31.6	26.5	39.7





#31

Naphthalene

Concen: 42.424 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Instrument :

BNA_F

ClientSampleId :

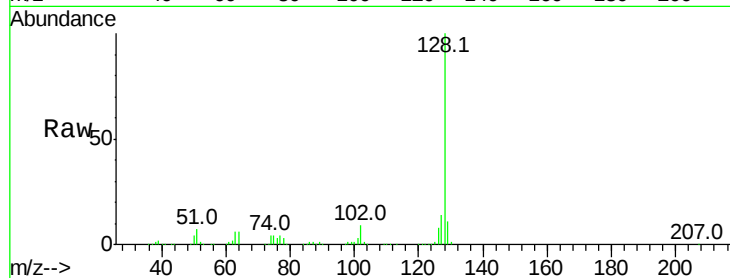
Tot Ion:128 Resp: 1167529

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

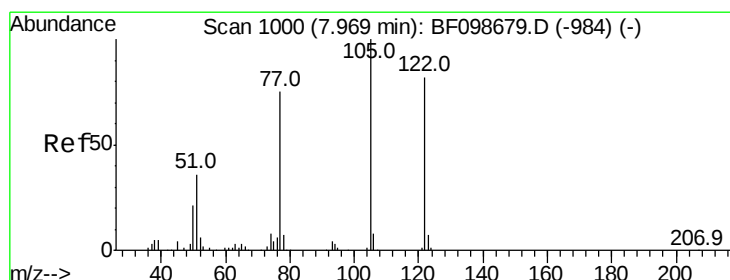
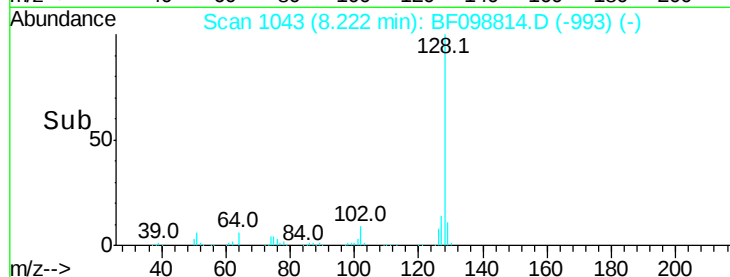
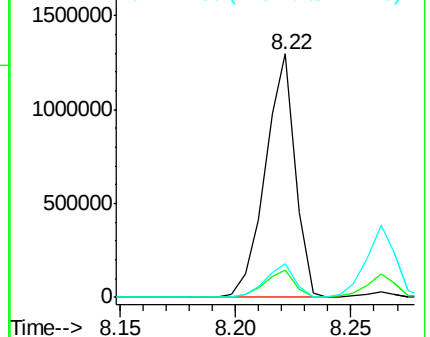
127 13.7 10.9 16.3



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: 27.065 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.02 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

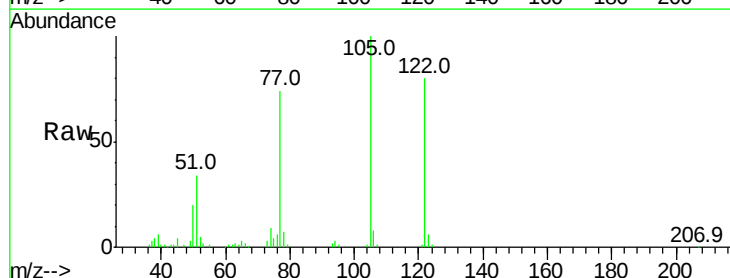
Tgt Ion:122 Resp: 209263

Ion Ratio Lower Upper

122 100

105 125.2 101.1 141.1

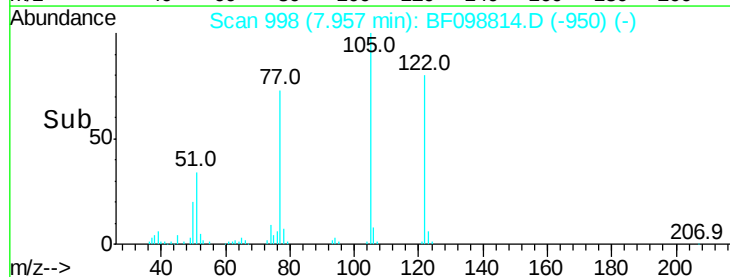
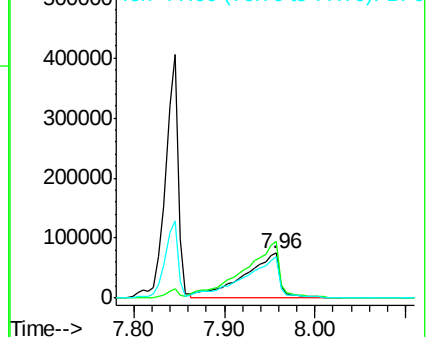
77 92.4 70.7 110.7

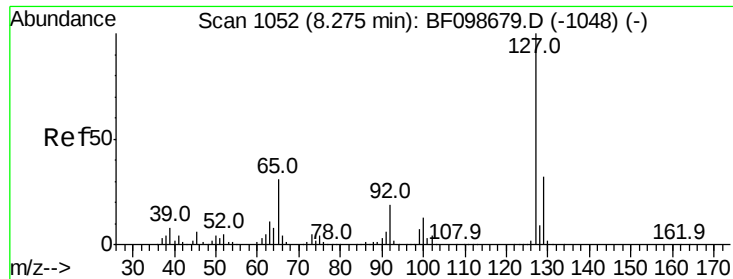


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

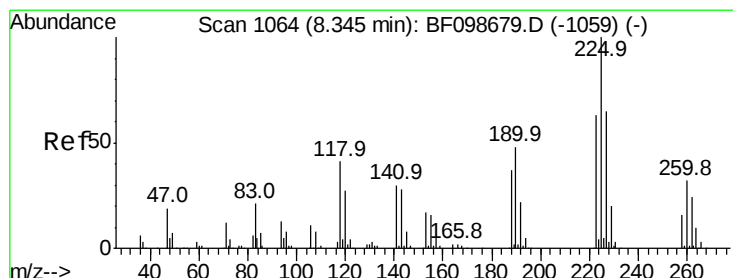
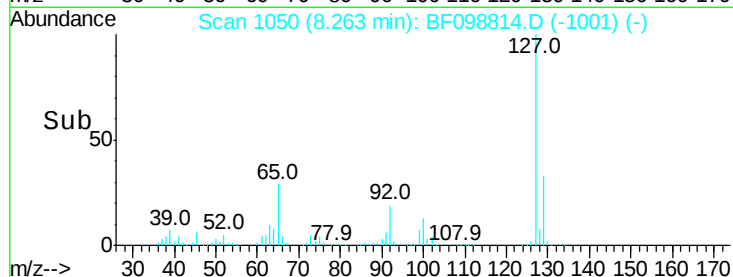
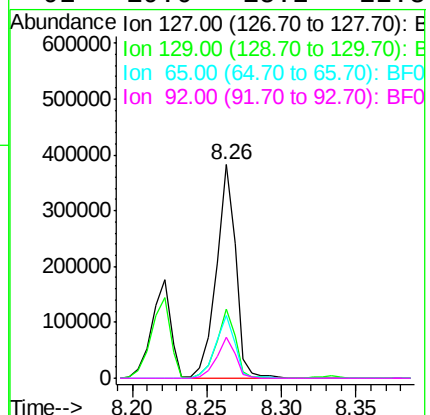
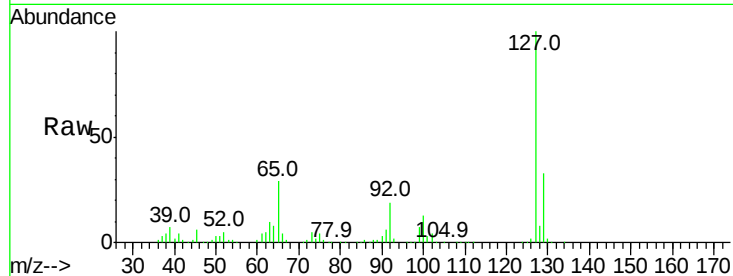




#33
 4-Chloroaniline
 Concen: 29.974 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

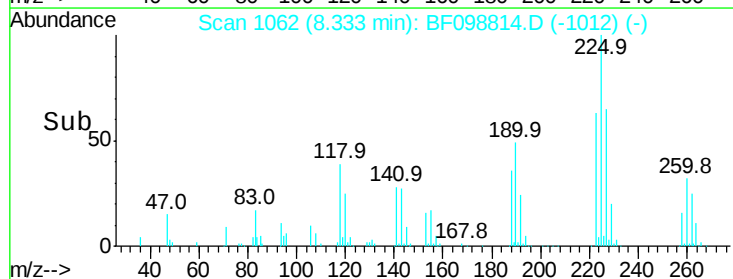
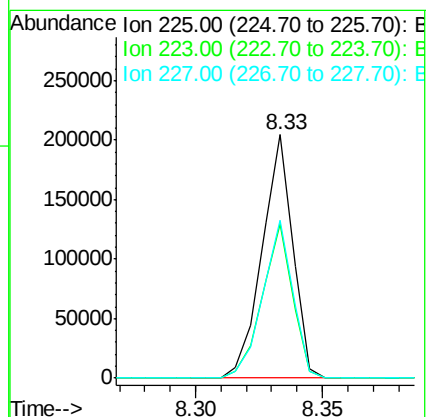
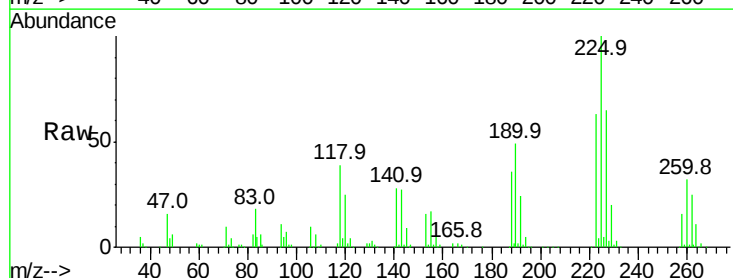
Instrument :
 BNA_F
 ClientSampled :

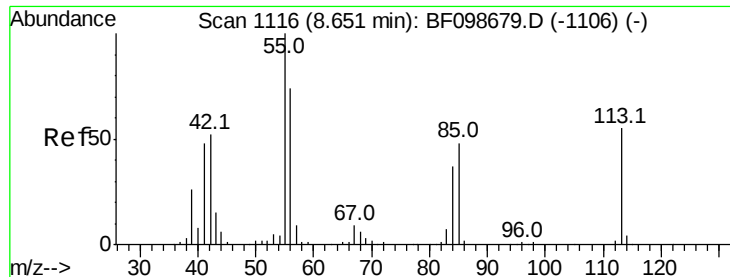
Tot Ion:	127	Resp:	344480
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	29.2	25.0	37.4
92	19.0	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 41.539 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

Tgt Ion:	225	Resp:	172938
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	64.8	51.9	77.9

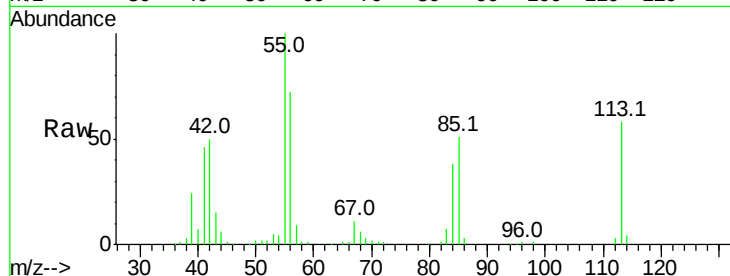




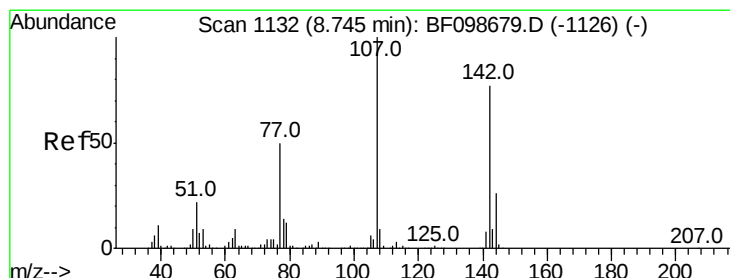
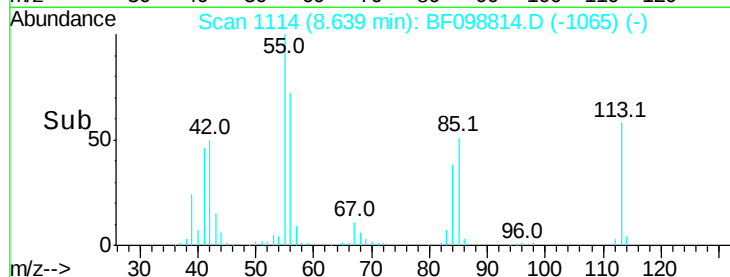
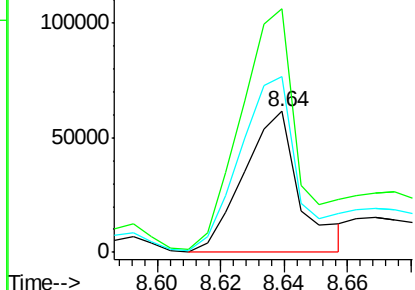
#35
 Caprolactam
 Concen: 28.759 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 74554
 Ion Ratio Lower Upper
 113 100
 55 173.0 163.3 203.3
 56 124.6 115.7 155.7

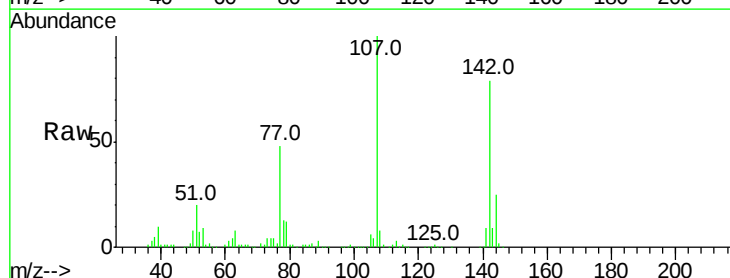


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

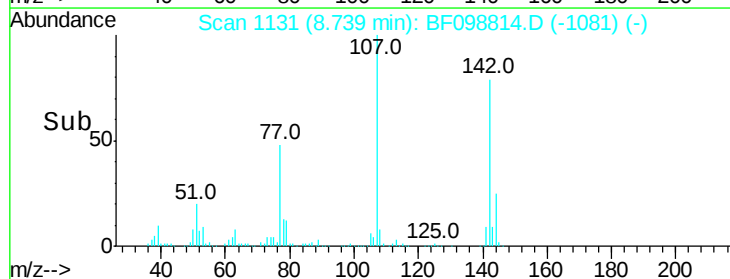
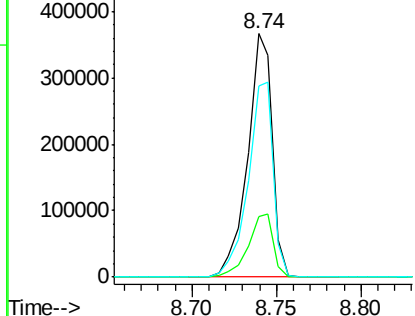


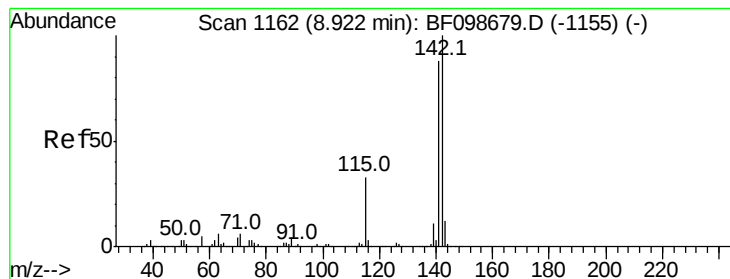
#36
 4-Chloro-3-methylphenol
 Concen: 41.242 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

Tgt Ion:107 Resp: 374630
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.5 30.7
 142 78.7 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: 45.112 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Instrument :

BNA_F

ClientSampleId :

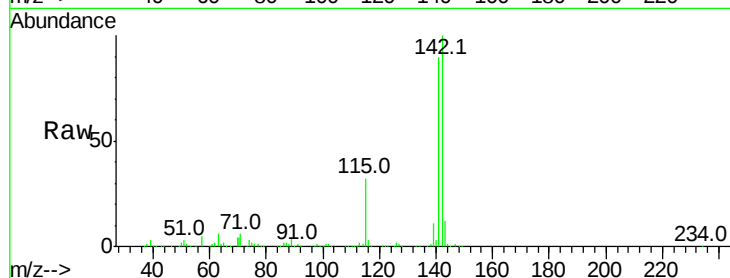
Tot Ion:142 Resp: 807085

Ion Ratio Lower Upper

142 100

141 89.5 70.8 106.2

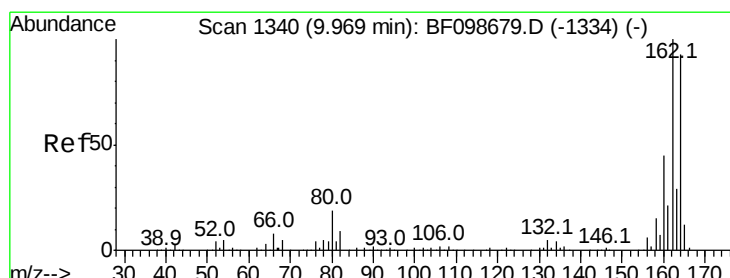
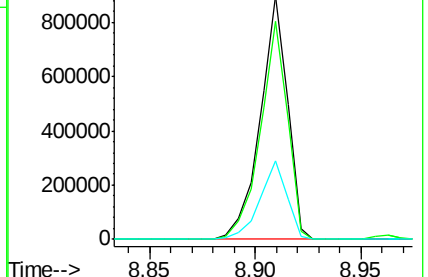
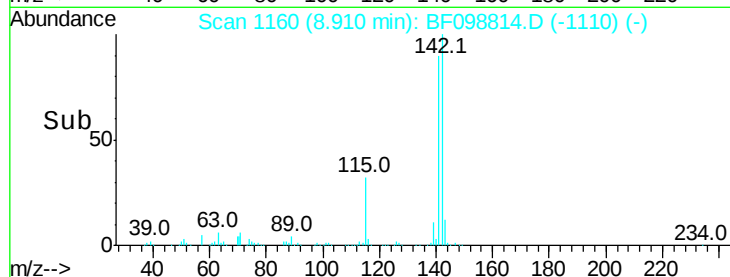
115 32.1 26.1 39.1



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: 20.000 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

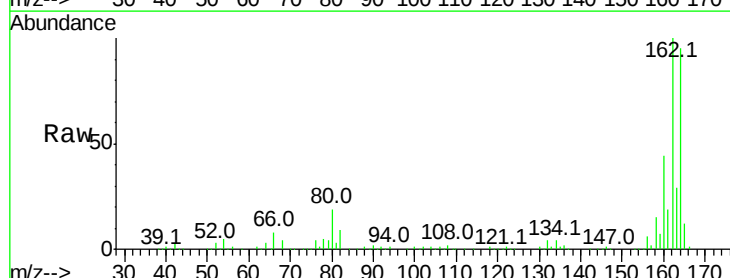
Tgt Ion:164 Resp: 263717

Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

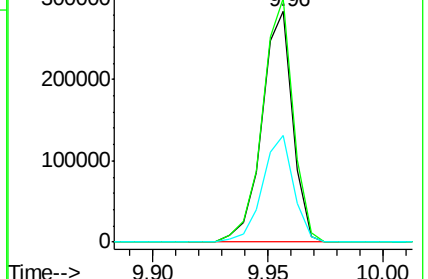
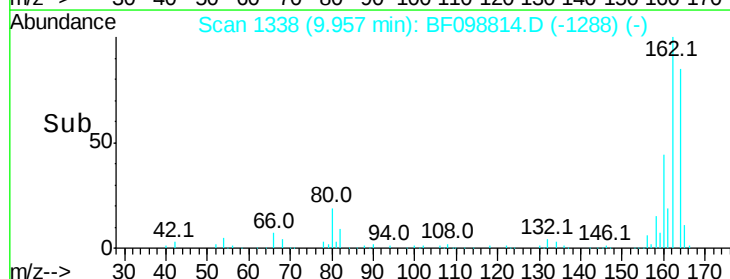
160 46.4 38.3 57.5

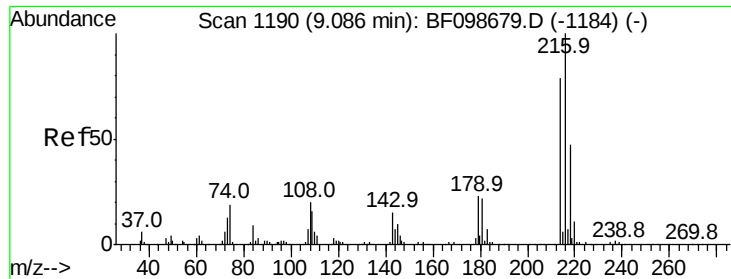


Abundance Ion 164.00 (163.70 to 164.70): E

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: 39.896 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 313773

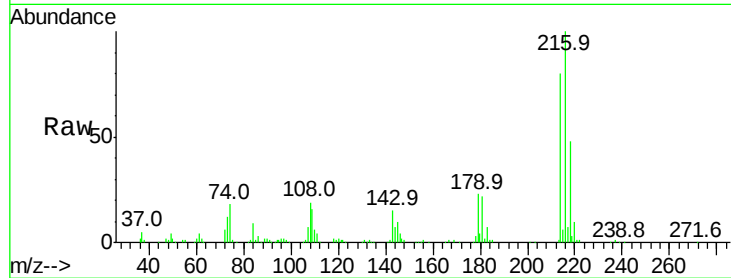
Ion Ratio Lower Upper

216 100

214 80.2 63.0 94.4

179 22.6 18.1 27.1

108 21.2 17.2 25.8

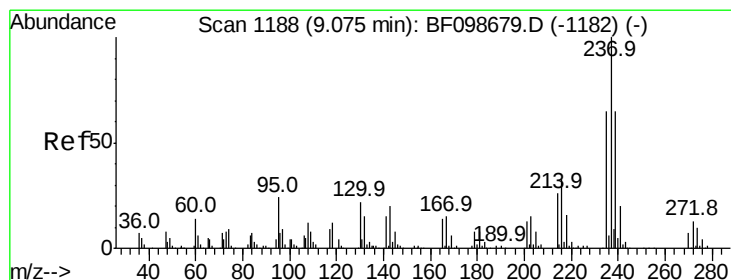
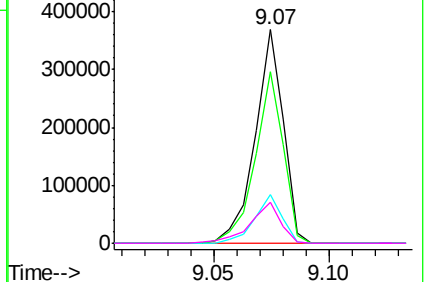
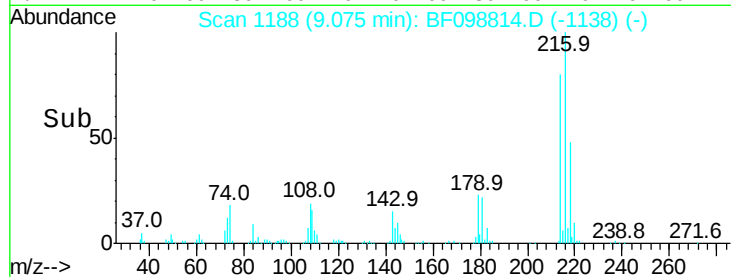


Abundance Ion 216.00 (215.70 to 216.70): E

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: 44.569 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

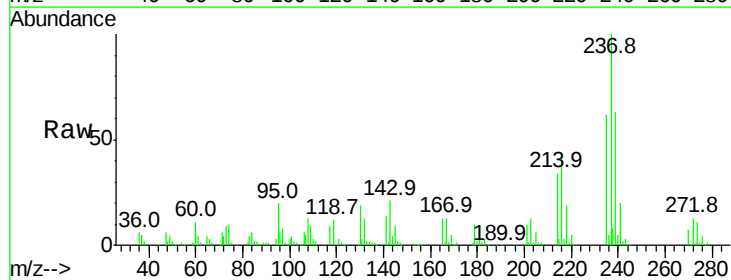
Tgt Ion:237 Resp: 160189

Ion Ratio Lower Upper

237 100

235 61.9 44.8 84.8

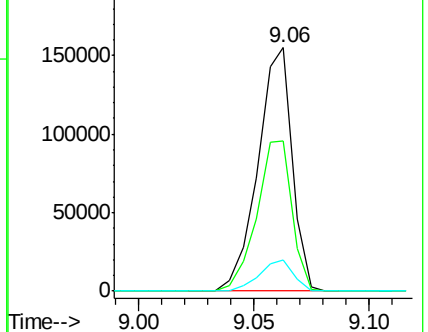
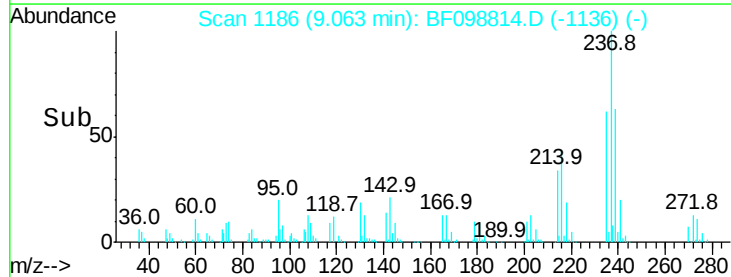
272 13.0 0.0 33.3

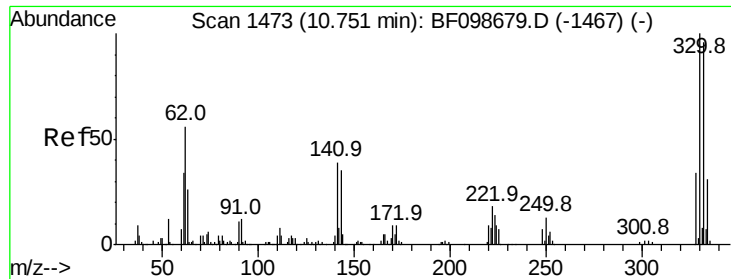


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

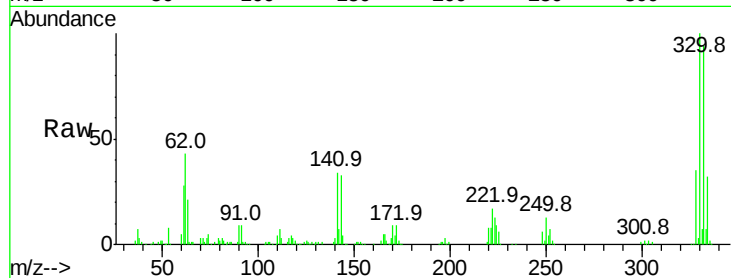




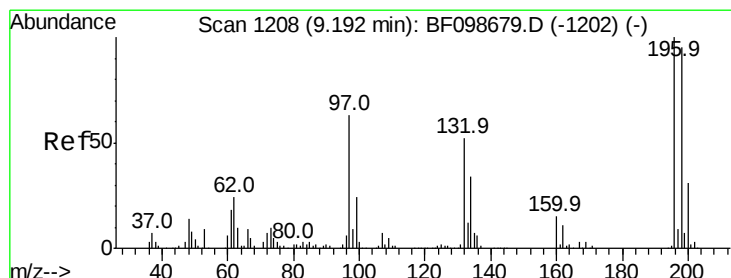
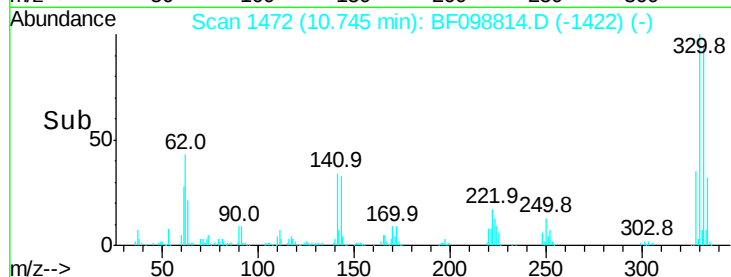
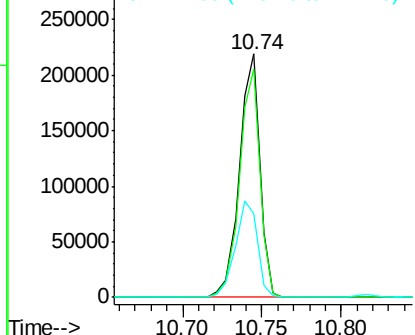
#41
 2,4,6-Tribromophenol
 Concen: 91.151 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.0	115.6
141	42.7	29.9	44.9

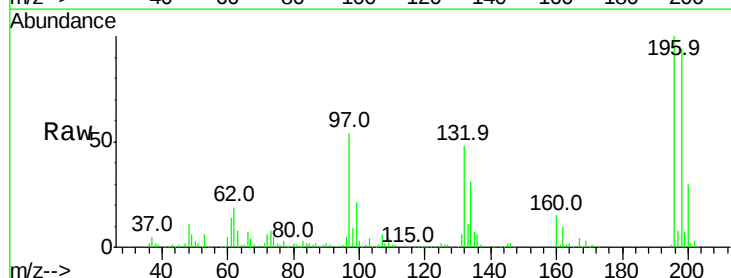


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

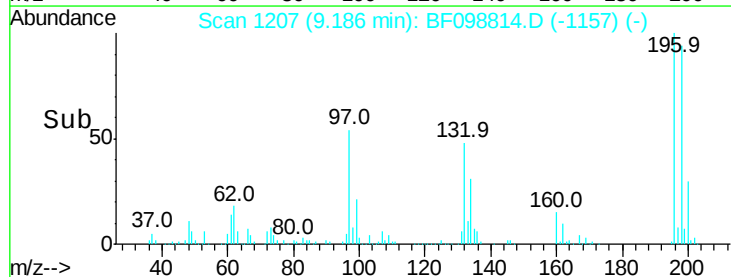
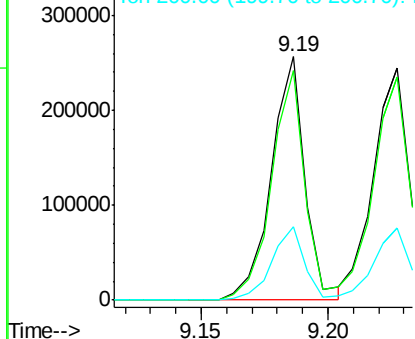


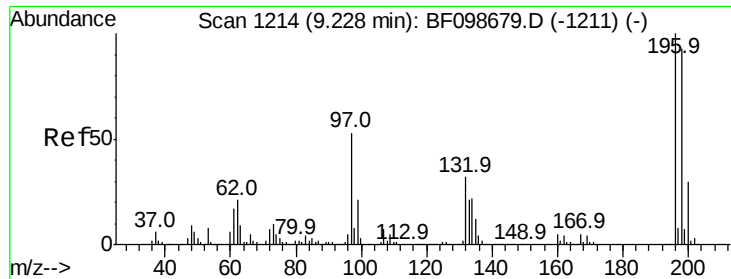
#42
 2,4,6-Trichlorophenol
 Concen: 42.873 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.7	113.5
200	30.3	24.5	36.7



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

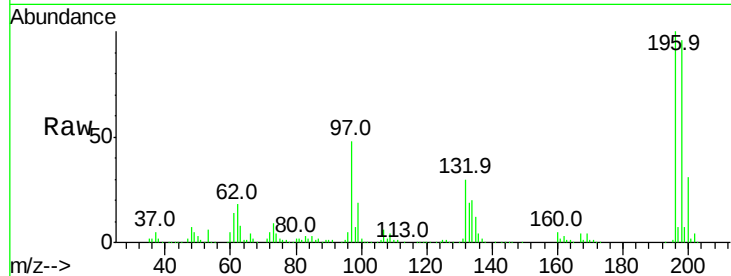




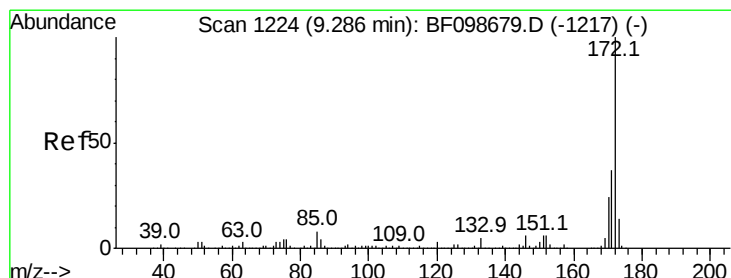
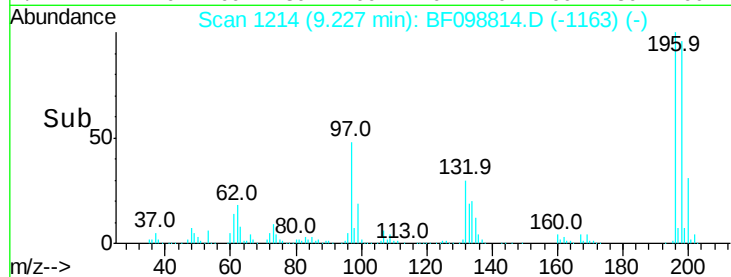
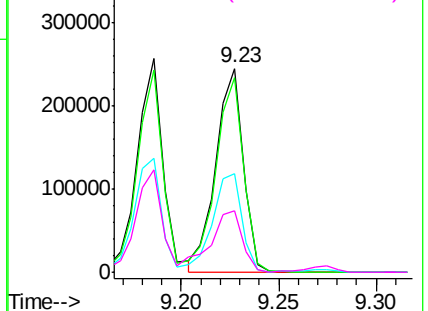
#43
 2,4,5-Trichlorophenol
 Concen: 43.187 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	240204
Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.6	112.0
97	48.1	42.9	64.3
132	30.0	26.3	39.5

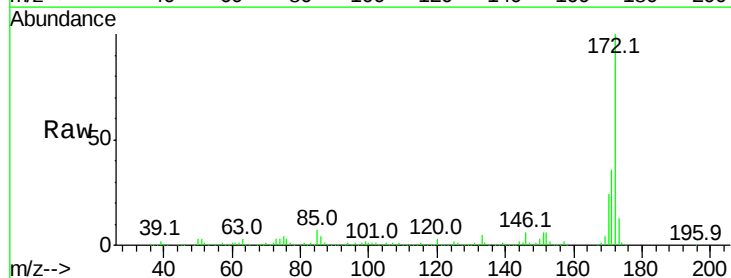


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

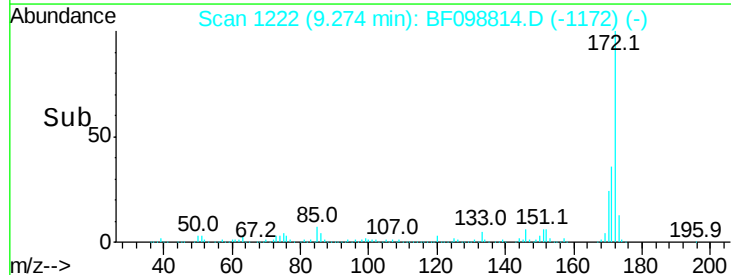
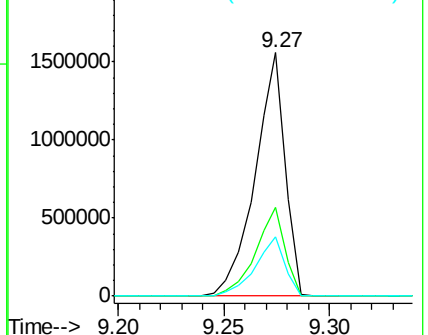


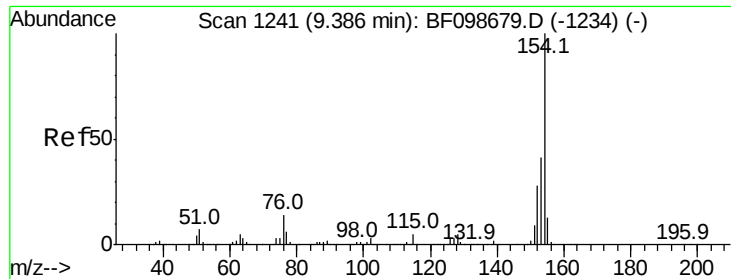
#44
 2-Fluorobiphenyl
 Concen: 97.277 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

Tgt Ion:	172	Resp:	1536679
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.1	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

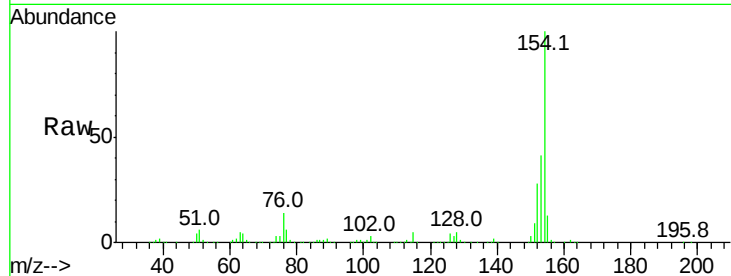




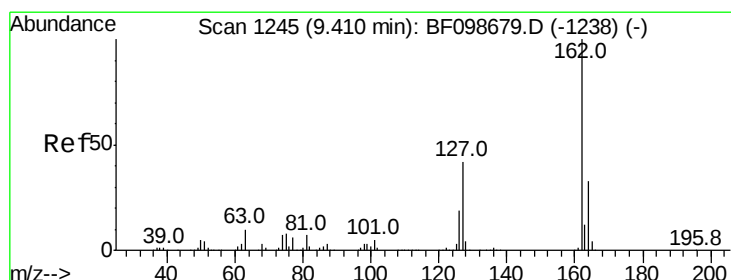
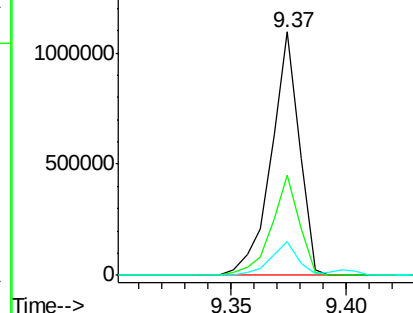
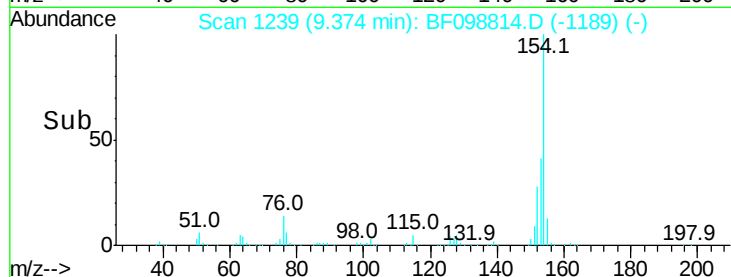
#45
 1,1'-Biphenyl
 Concen: 40.639 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	13.9	0.0	34.0

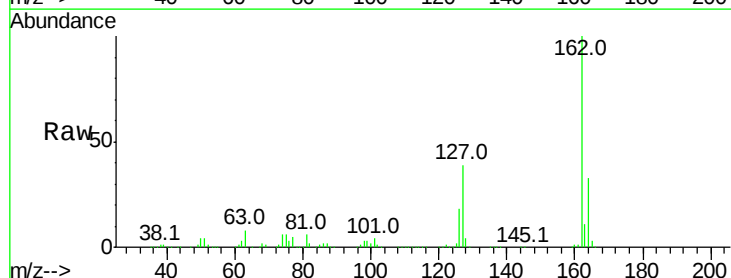


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

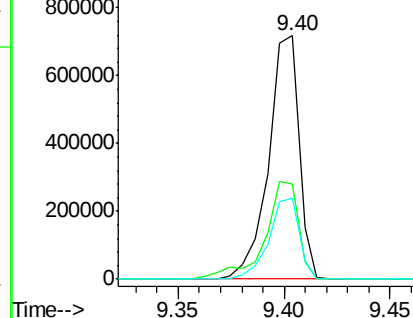
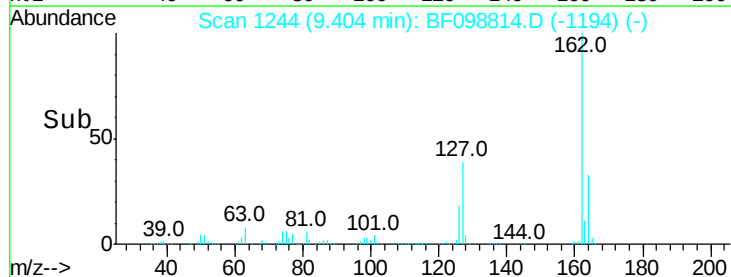


#46
 2-Chloronaphthalene
 Concen: 42.612 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	33.9	50.9
164	33.3	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: 44.914 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Instrument :

BNA_F

ClientSampleId :

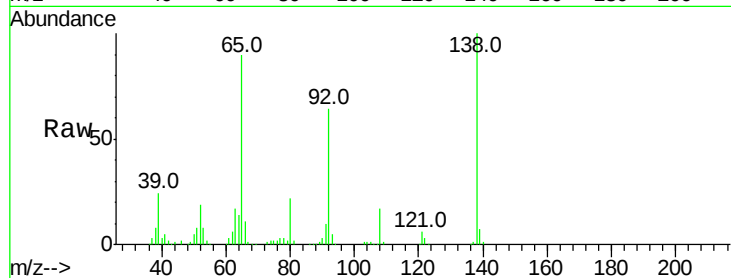
Tot Ion: 65 Resp: 234035

Ion Ratio Lower Upper

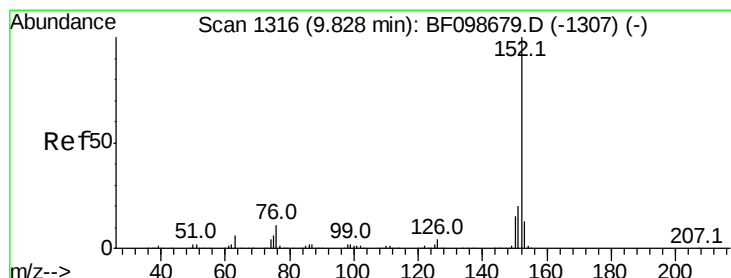
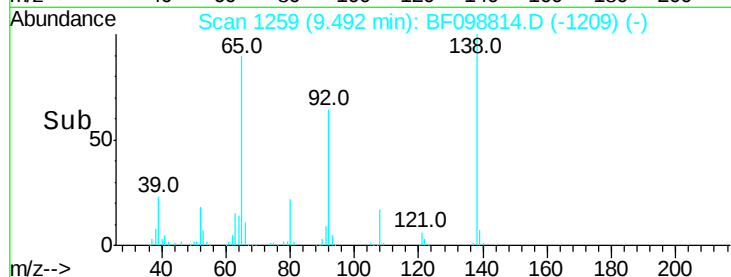
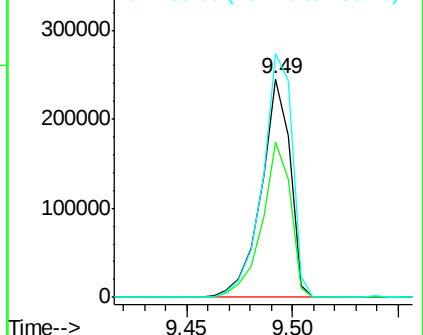
65 100

92 70.8 55.8 83.6

138 111.4 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 42.235 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

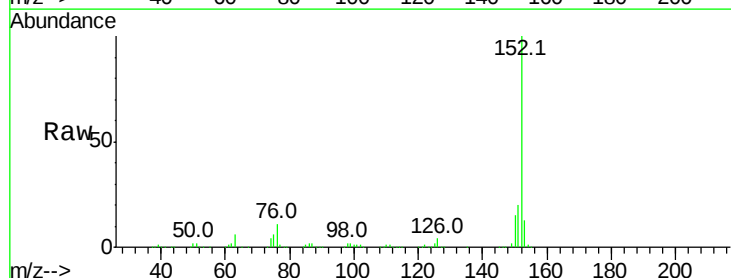
Tgt Ion: 152 Resp: 1100259

Ion Ratio Lower Upper

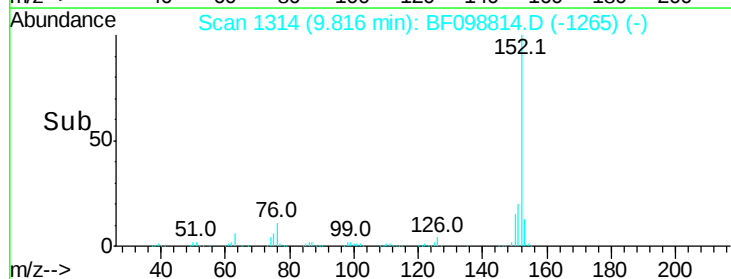
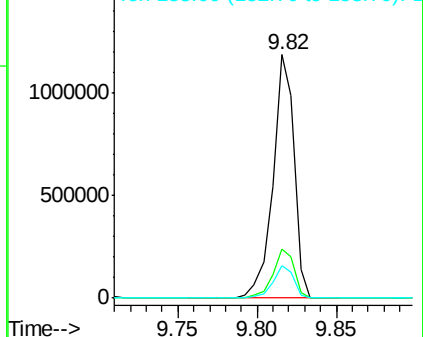
152 100

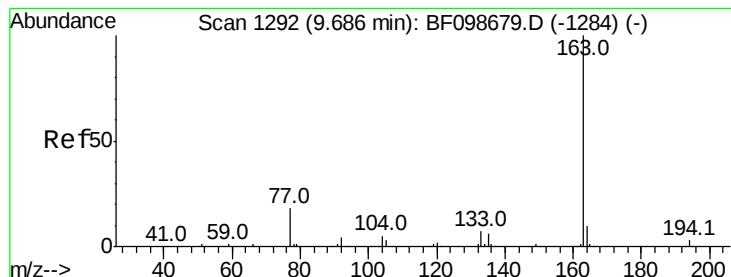
151 20.3 16.3 24.5

153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 43.712 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Instrument :

BNA_F

ClientSampleId :

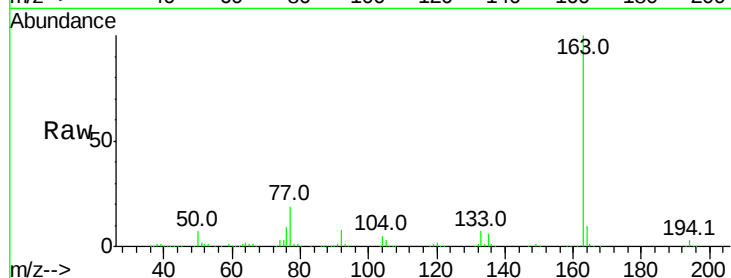
Tot Ion:163 Resp: 870031

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

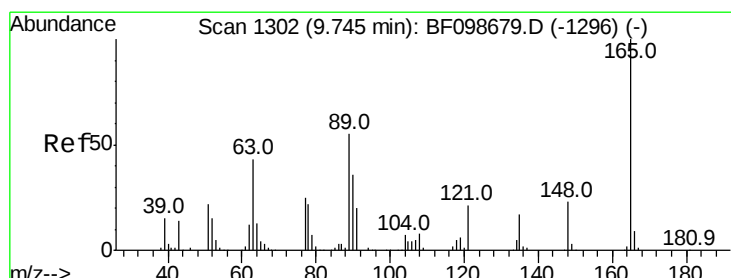
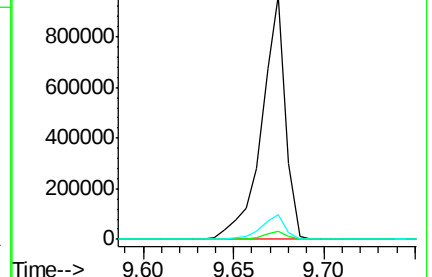
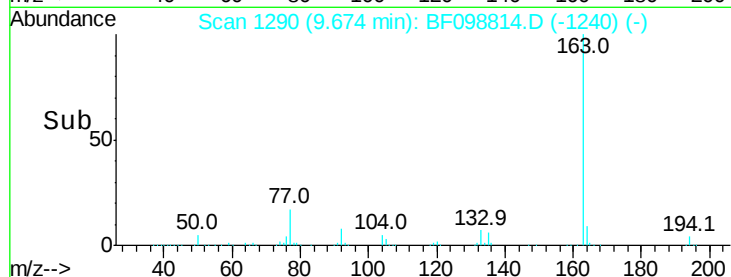
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.639 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

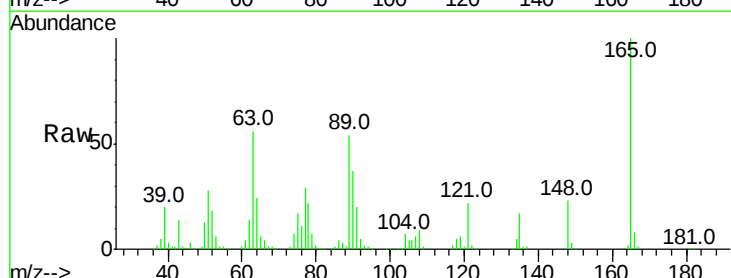
Tgt Ion:165 Resp: 193431

Ion Ratio Lower Upper

165 100

63 56.3 44.7 67.1

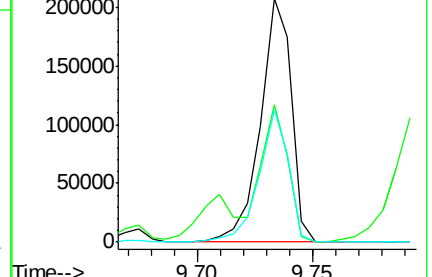
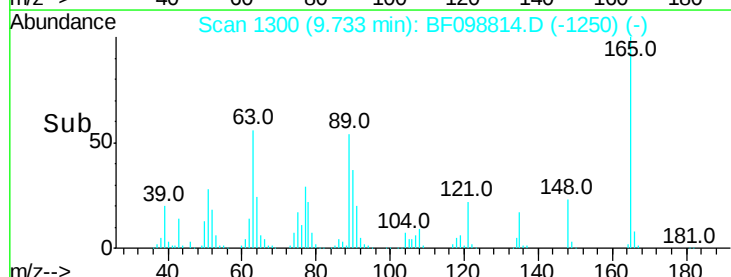
89 54.2 44.0 66.0

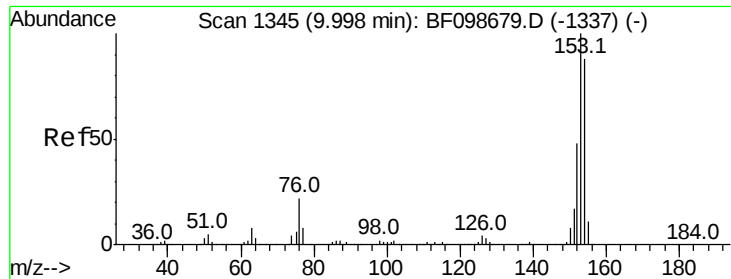


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.904 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Instrument :

BNA_F

ClientSampleId :

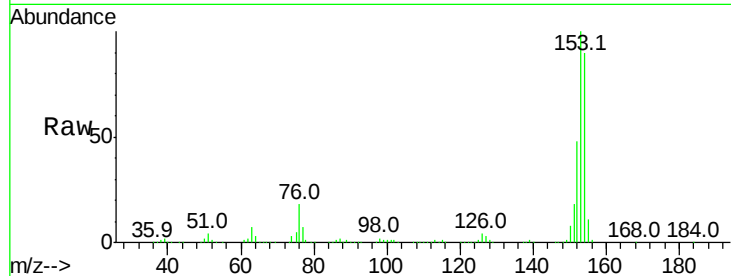
Tot Ion:154 Resp: 674992

Ion Ratio Lower Upper

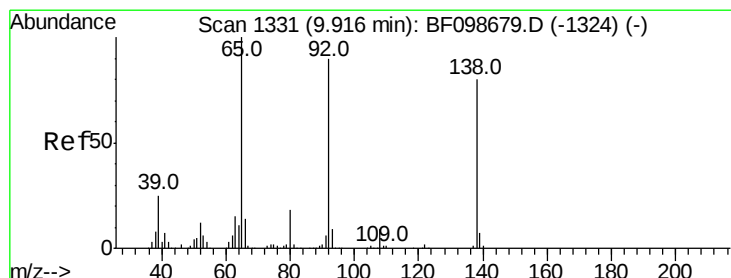
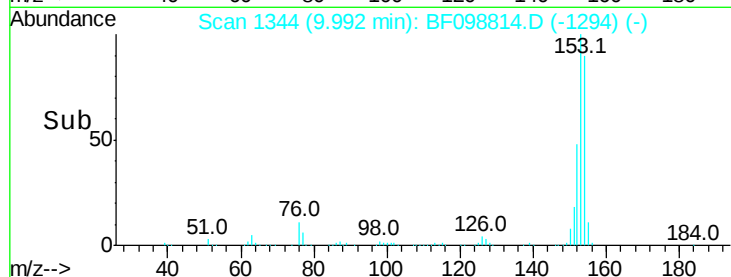
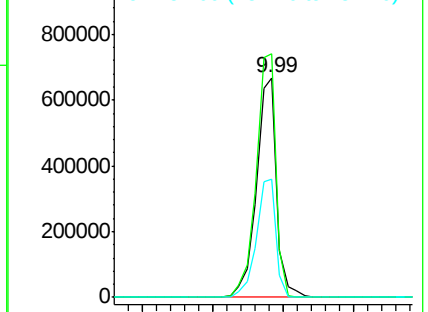
154 100

153 110.9 91.2 136.8

152 53.6 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: 34.770 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

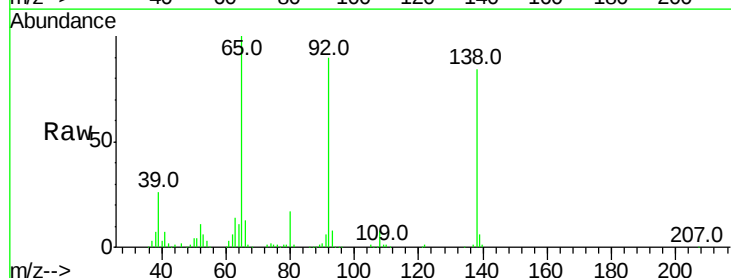
Tgt Ion:138 Resp: 175678

Ion Ratio Lower Upper

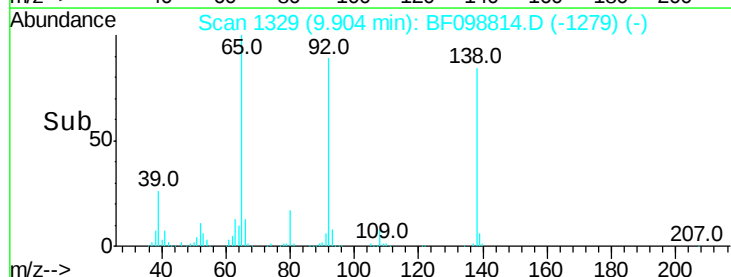
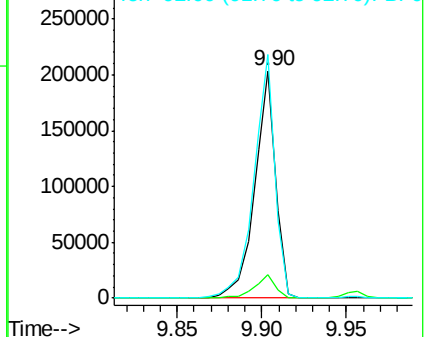
138 100

108 10.1 9.4 14.0

92 107.1 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

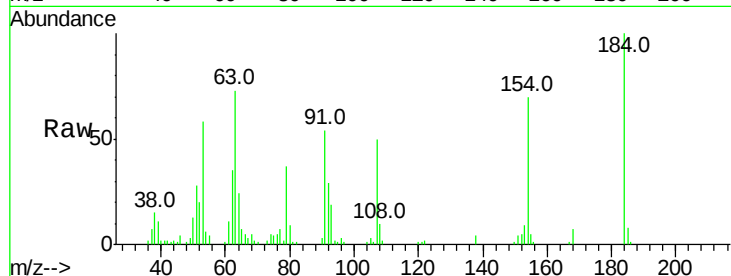




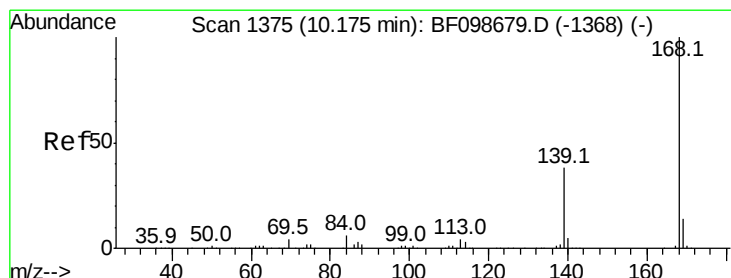
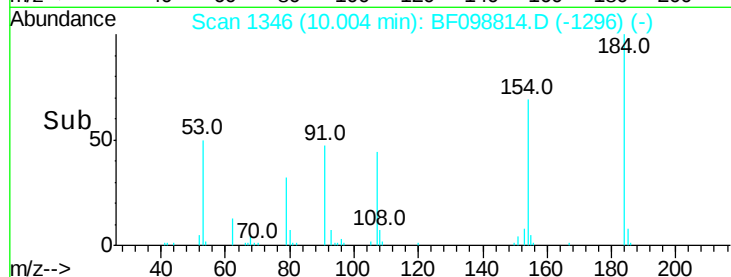
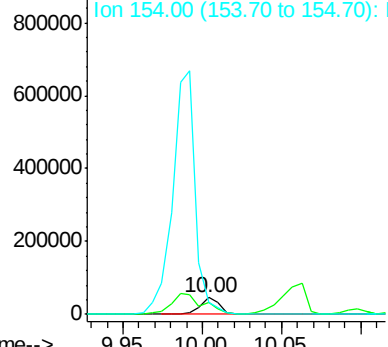
#53
2,4-Dinitrophenol
Concen: 21.428 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 37958
Ion Ratio Lower Upper
184 100
63 73.2 54.2 81.2
154 70.1 53.5 80.3

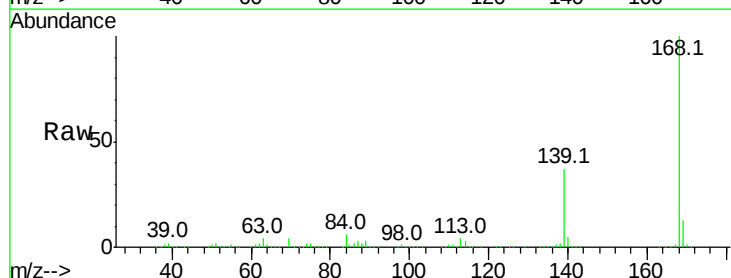


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

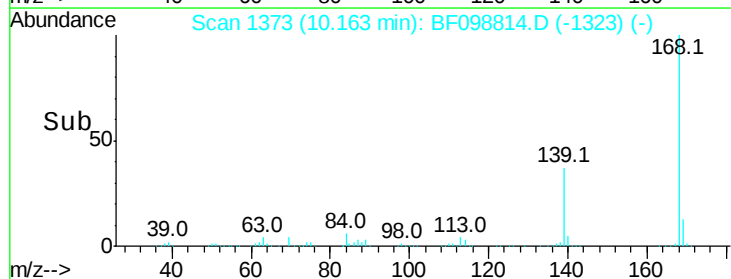
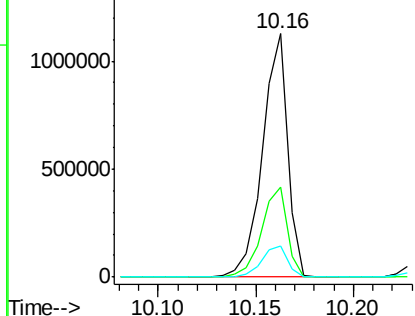


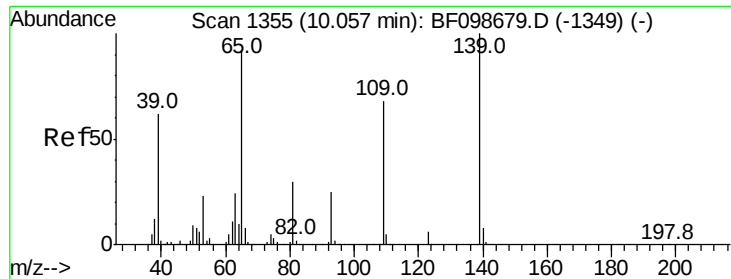
#54
Dibenzofuran
Concen: 45.602 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

Tgt Ion:168 Resp: 1001948
Ion Ratio Lower Upper
168 100
139 36.8 30.1 45.1
169 13.0 10.9 16.3



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

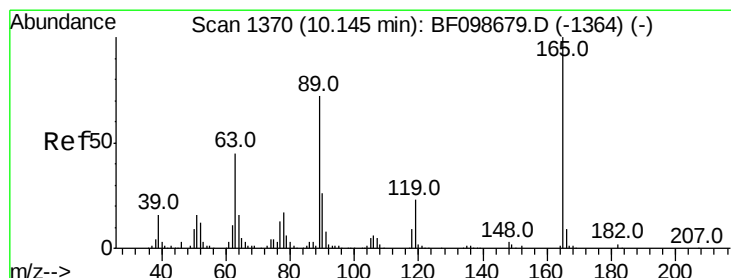
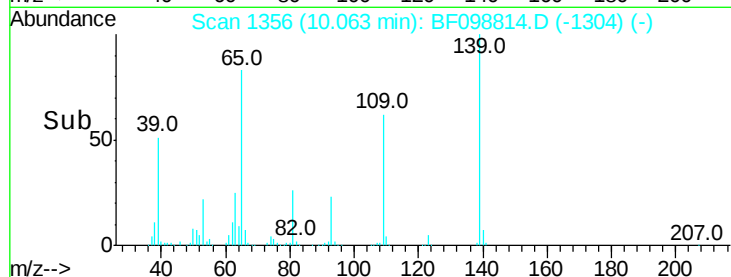
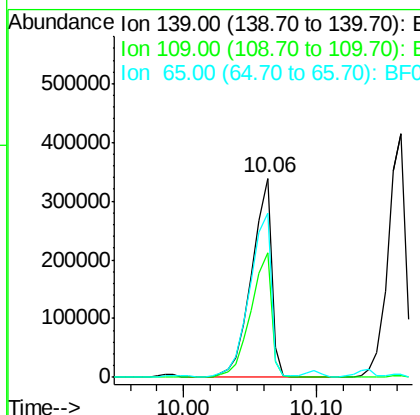
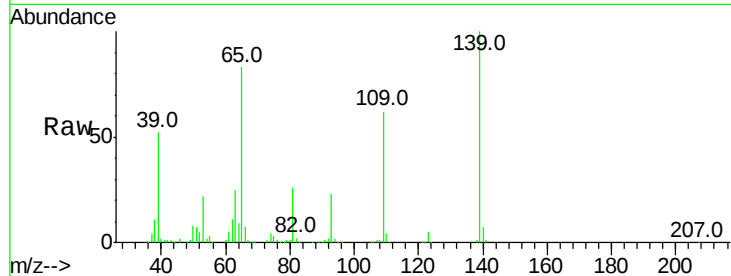




#55
4-Nitrophenol
Concen: 81.164 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

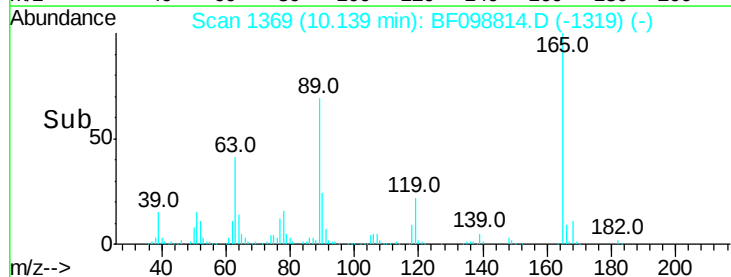
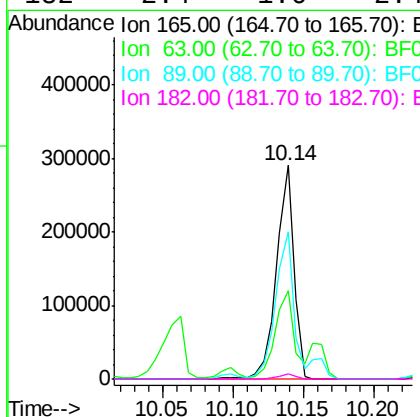
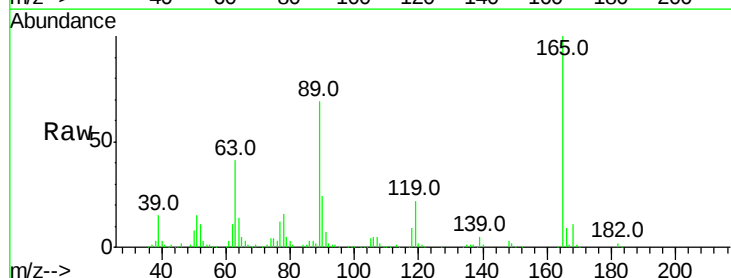
Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 346754
Ion Ratio Lower Upper
139 100
109 62.3 48.4 88.4
65 82.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 44.961 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

Tgt Ion:165 Resp: 252846
Ion Ratio Lower Upper
165 100
63 41.4 36.4 54.6
89 68.9 57.8 86.6
182 2.4 1.6 2.4#





#57

Fluorene

Concen: 42.512 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Instrument :

BNA_F

ClientSampleId :

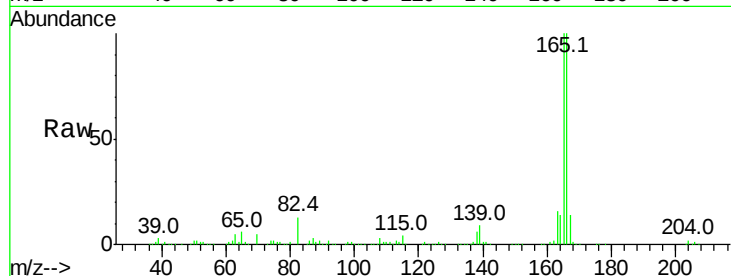
Tot Ion:166 Resp: 750760

Ion Ratio Lower Upper

166 100

165 100.1 79.8 119.8

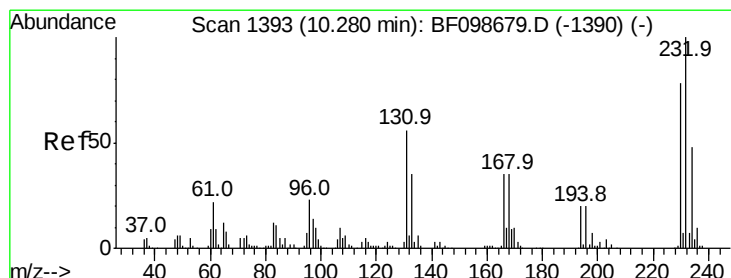
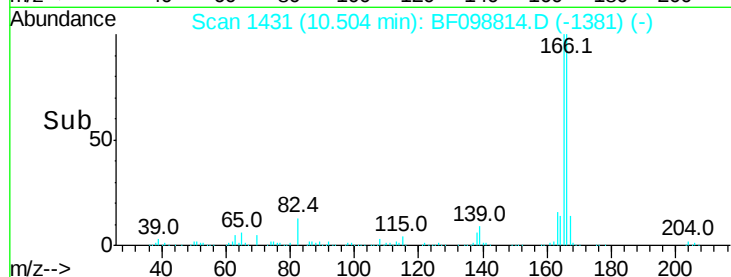
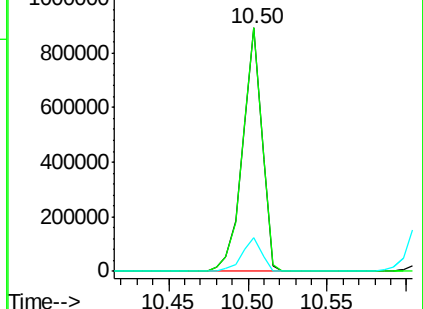
167 13.7 10.6 16.0



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: 45.838 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Tgt Ion:232 Resp: 176115

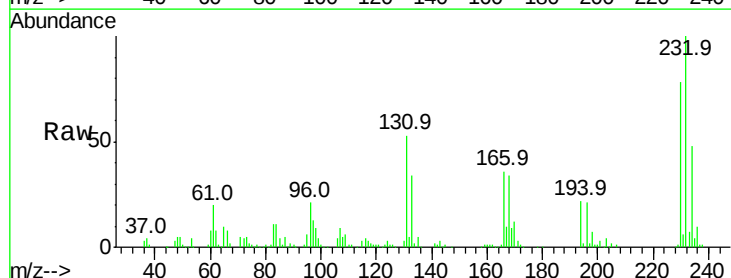
Ion Ratio Lower Upper

232 100

131 55.5 43.8 65.8

130 2.8 2.1 3.1

166 36.5 27.8 41.6

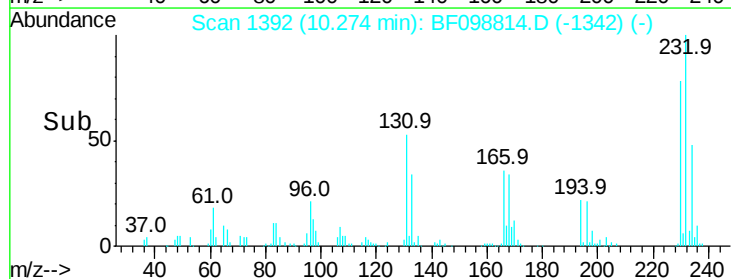
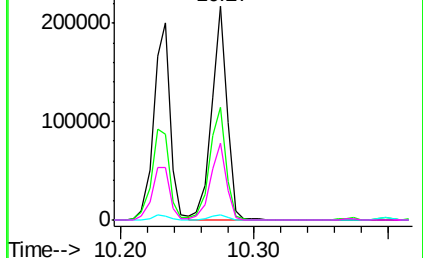


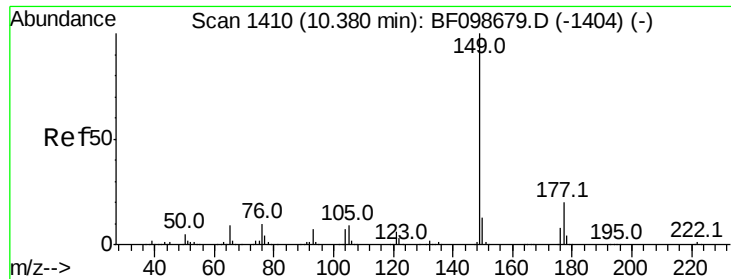
Abundance Ion 232.00 (231.70 to 232.70): E

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

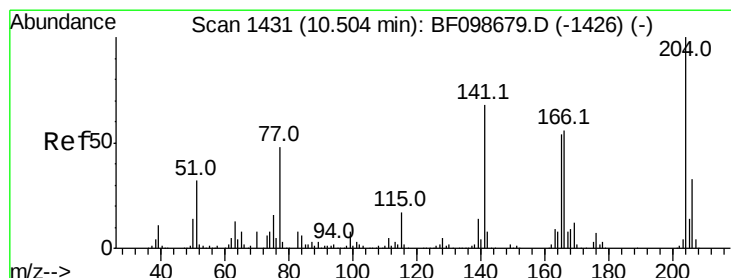
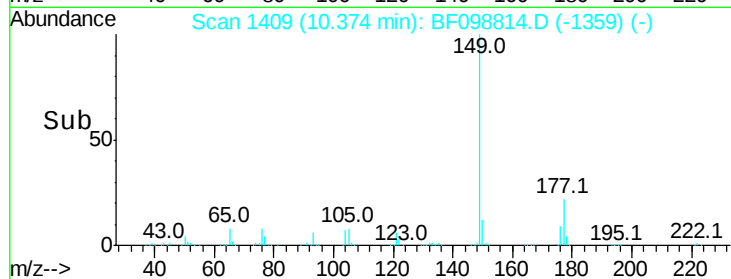
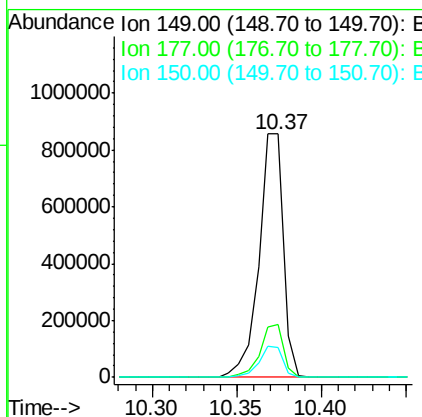
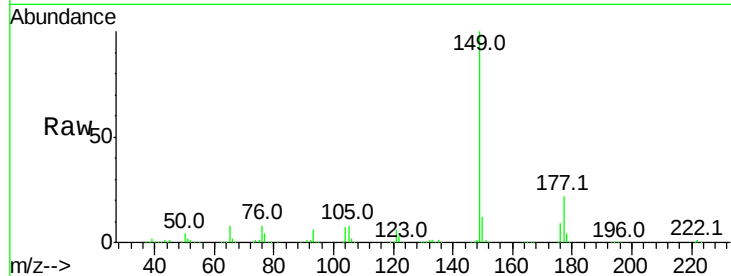




#59
Diethylphthalate
Concen: 44.160 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

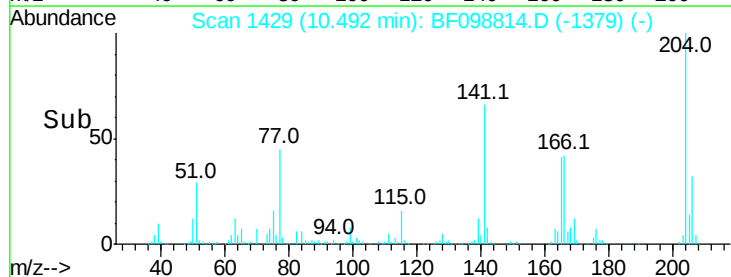
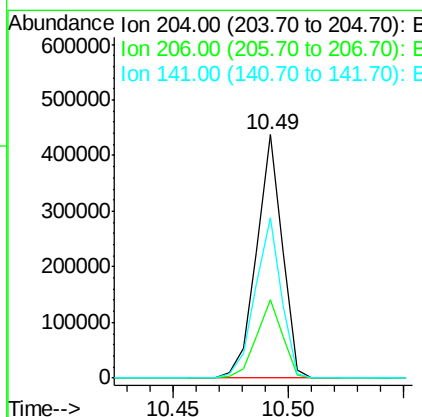
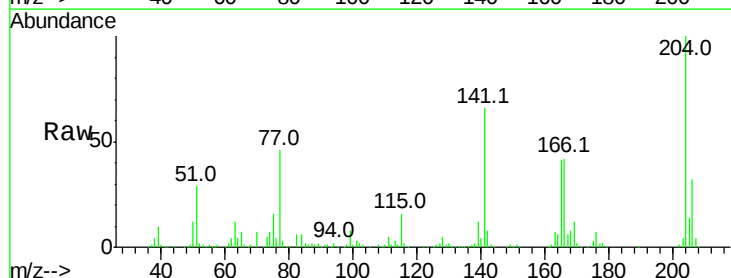
Instrument :
BNA_F
ClientSampled :

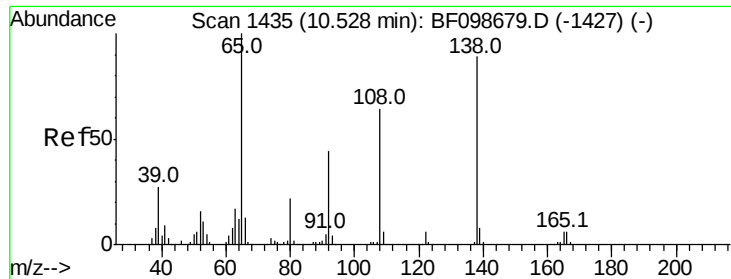
Tot Ion:149 Resp: 858873
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 43.246 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

Tgt Ion:204 Resp: 343061
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 65.6 54.6 81.8





#61

4-Nitroaniline

Concen: 40.527 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Instrument :

BNA_F

ClientSampled :

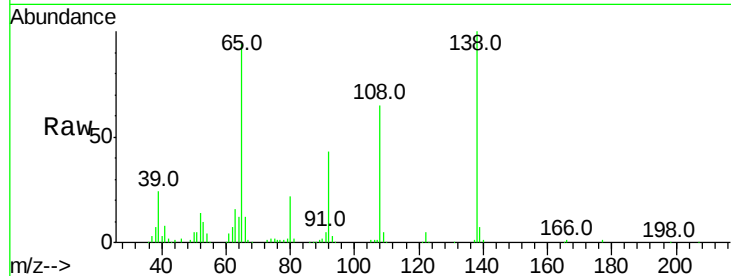
Tot Ion:138 Resp: 197547

Ion Ratio Lower Upper

138 100

92 43.3 30.2 70.2

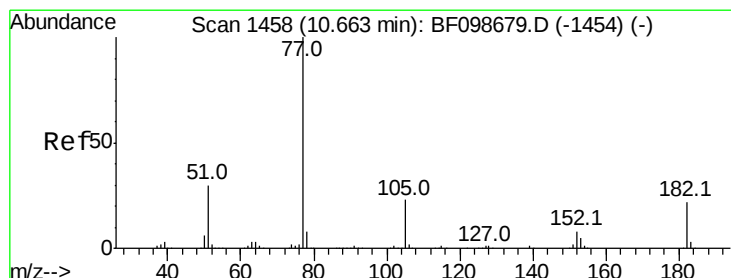
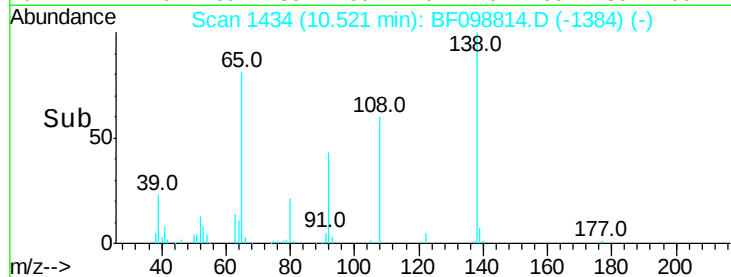
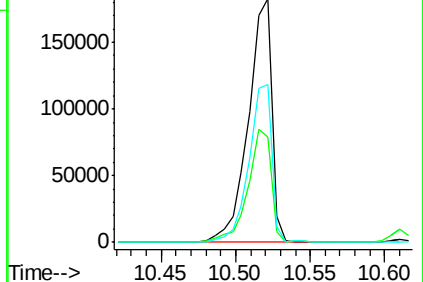
108 64.7 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.537 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Tgt Ion: 77 Resp: 814337

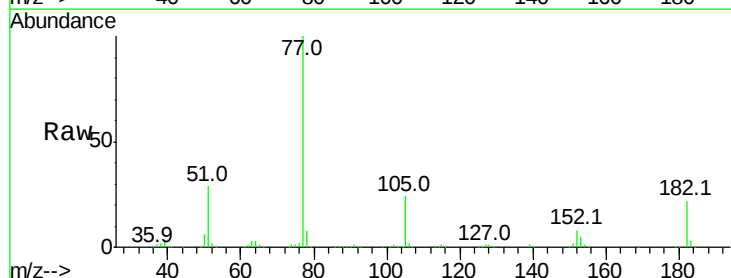
Ion Ratio Lower Upper

77 100

182 22.0 1.7 41.7

105 23.9 3.0 43.0

51 28.8 9.9 49.9

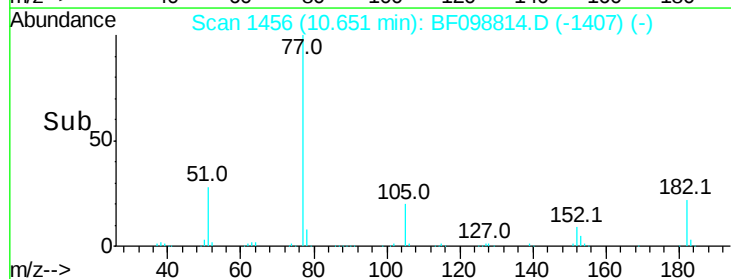
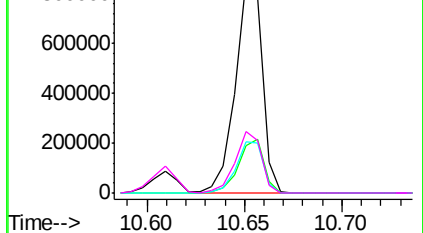


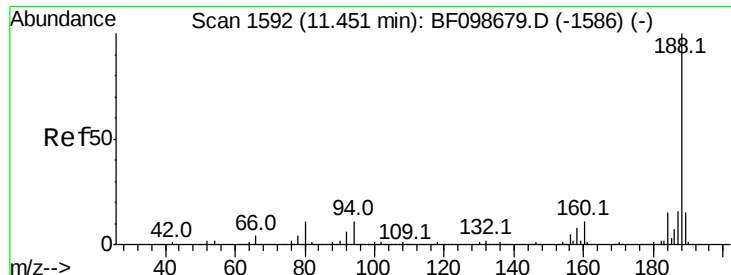
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

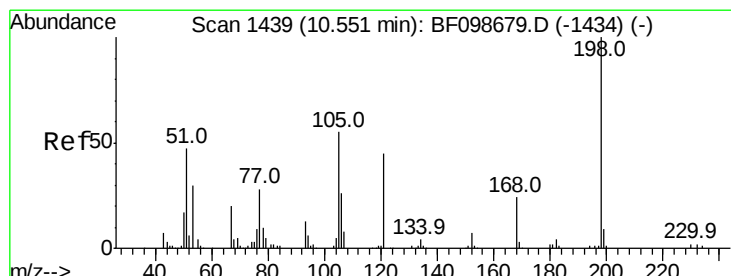
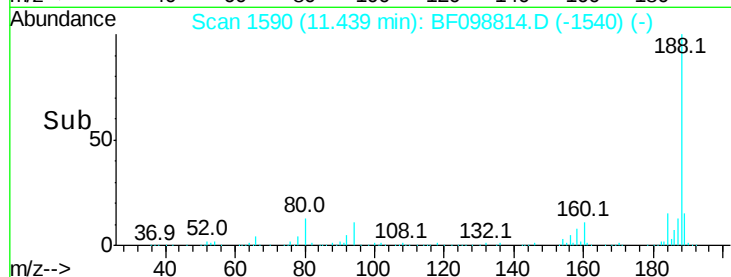
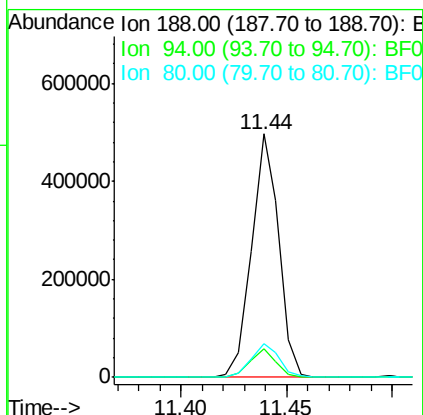
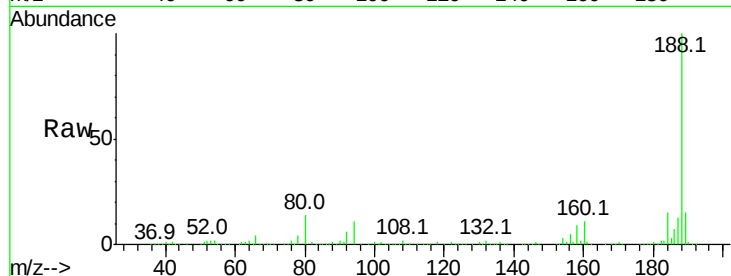




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

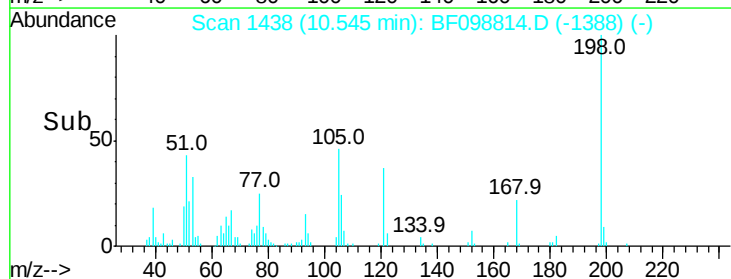
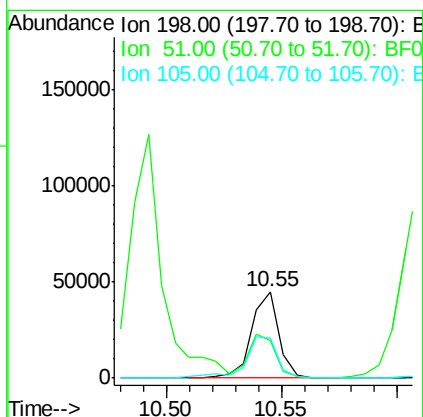
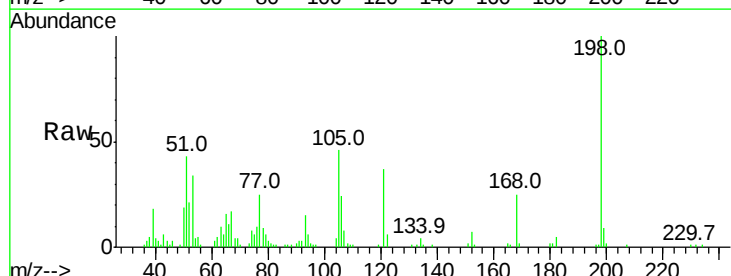
Instrument :
BNA_F
ClientSampleId :

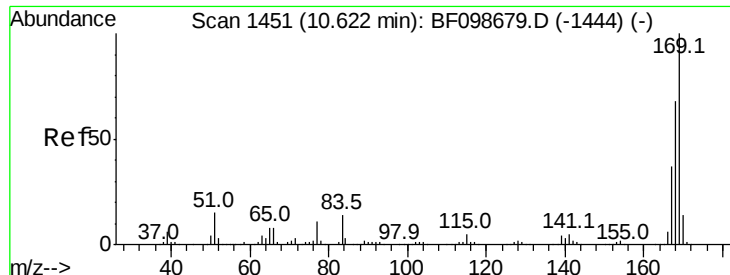
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	13.6	9.2	13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 13.648 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

Tgt Ion	Ratio	Lower	Upper
198	100		
51	43.2	37.7	77.7
105	46.2	36.3	76.3

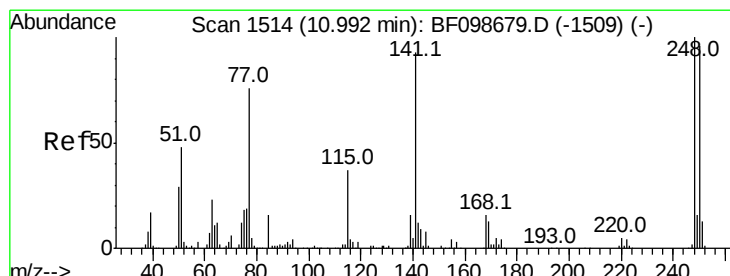
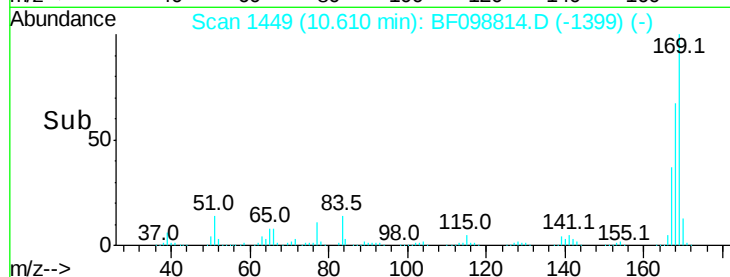
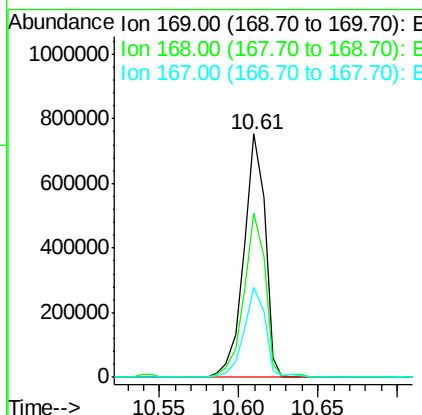
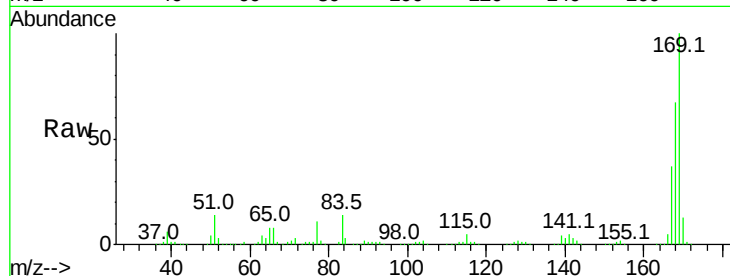




#65
n-Nitrosodiphenylamine
Concen: 45.385 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

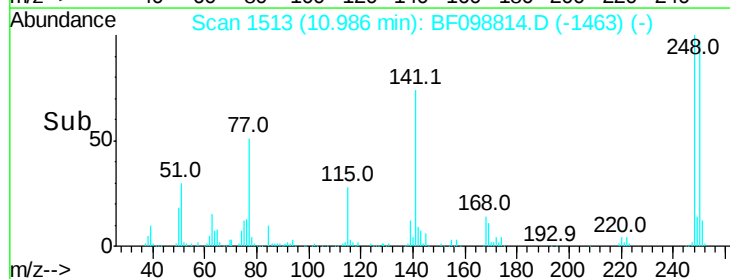
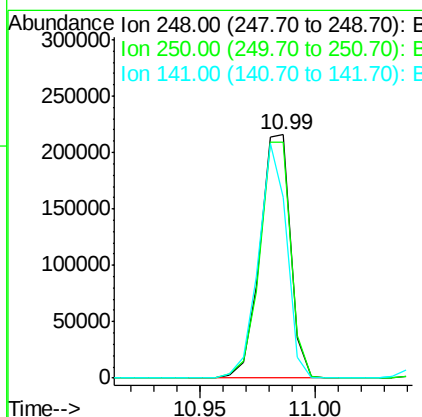
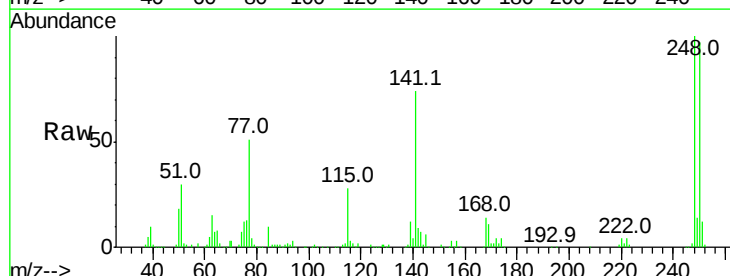
Instrument :
BNA_F
ClientSampled :

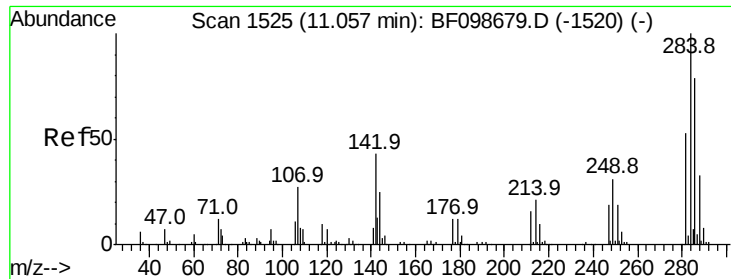
Tot Ion:169 Resp: 697866
Ion Ratio Lower Upper
169 100
168 67.3 54.4 81.6
167 37.2 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 45.911 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

Tgt Ion:248 Resp: 199468
Ion Ratio Lower Upper
248 100
250 96.8 76.9 115.3
141 74.2 74.4 111.6#

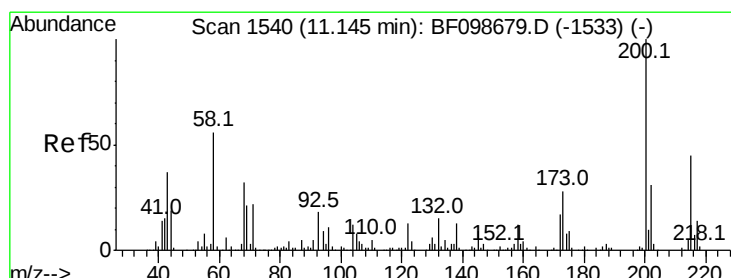
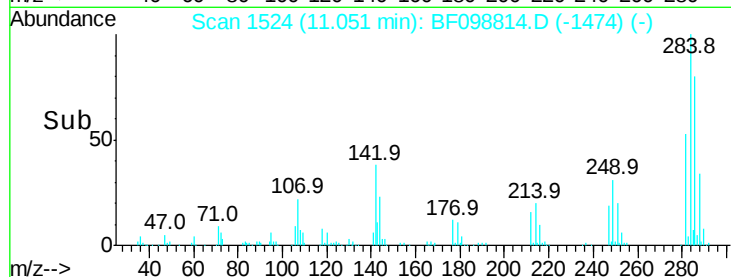
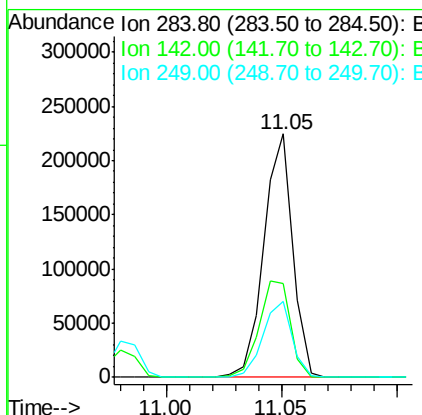
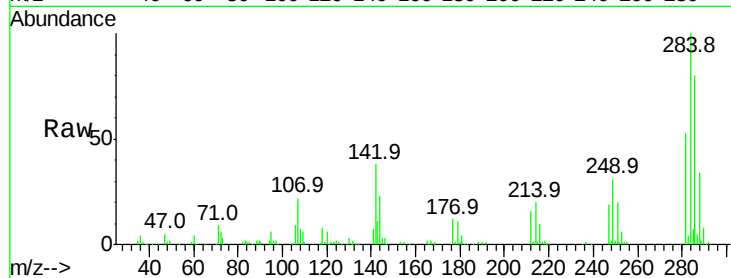




#67
Hexachlorobenzene
Concen: 41.955 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

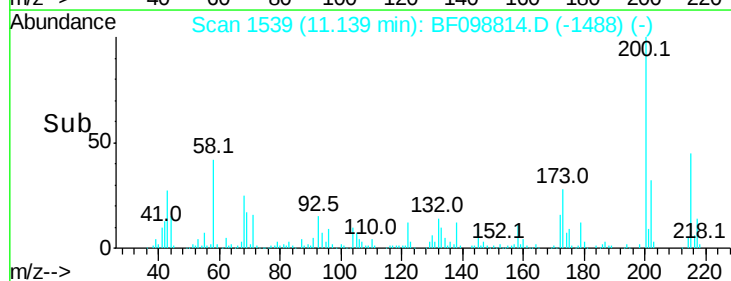
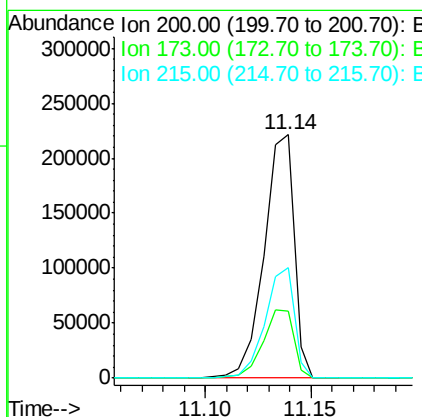
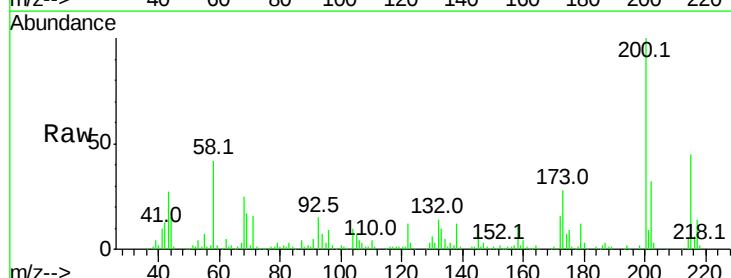
Instrument :
BNA_F
ClientSampled :

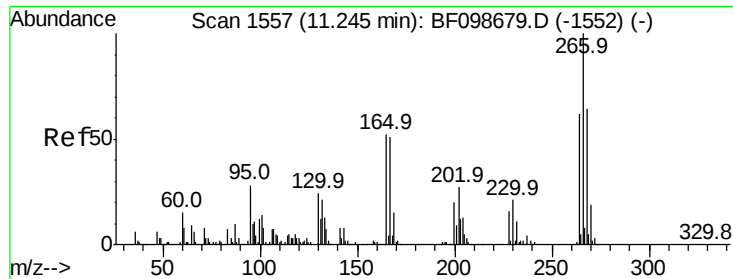
Tot Ion	Ratio	Lower	Upper
284	100		
142	38.4	34.6	52.0
249	31.1	24.8	37.2



#68
Atrazine
Concen: 47.313 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.6	48.6
215	45.4	25.1	65.1

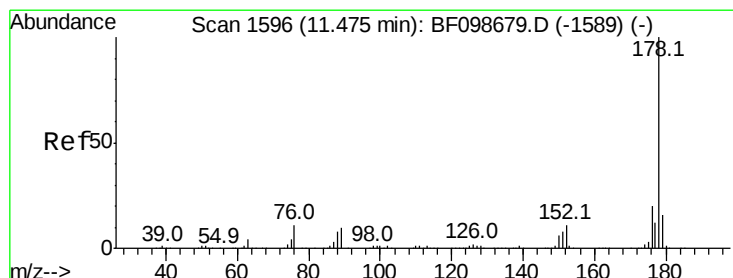
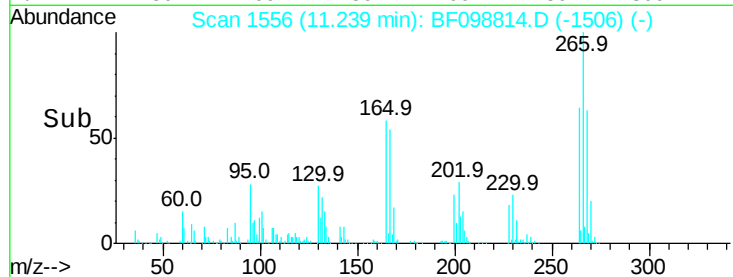
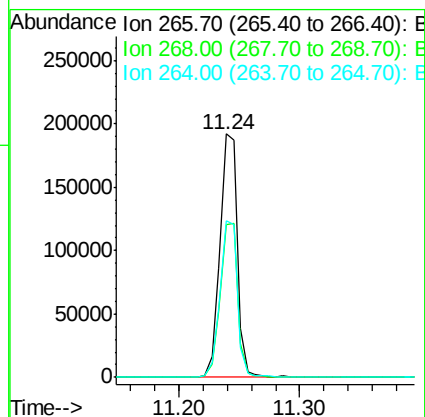
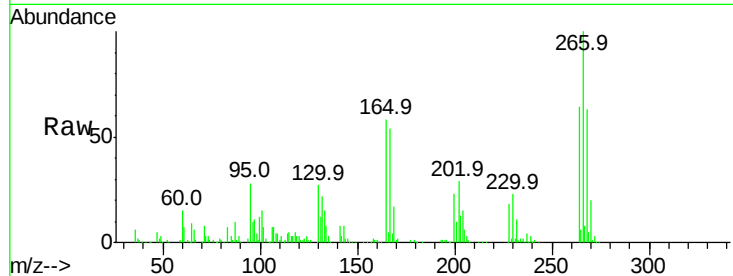




#69
 Pentachlorophenol
 Concen: 65.580 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

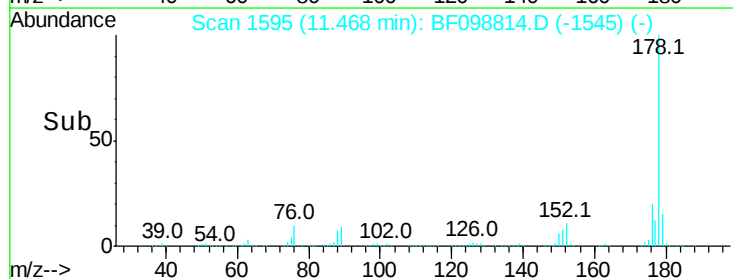
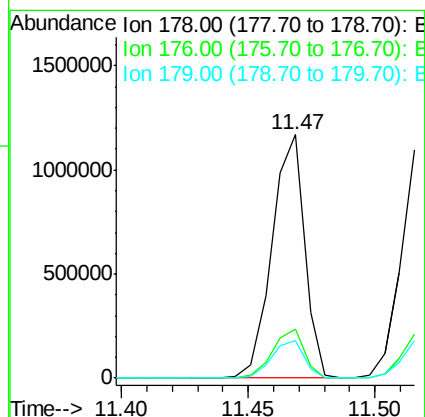
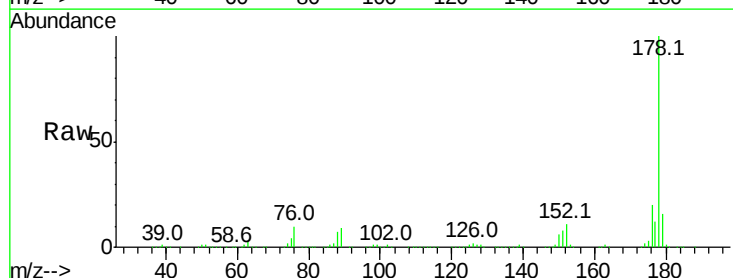
Instrument :
 BNA_F
 ClientSampleId :

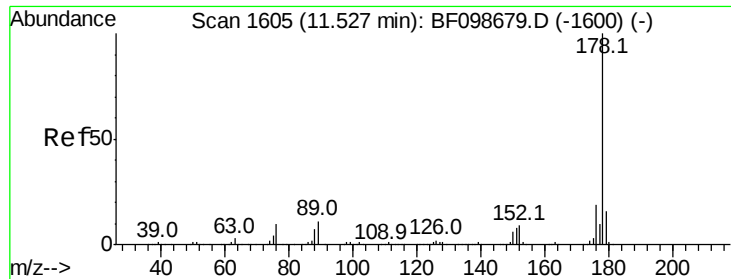
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	64.4	49.5	74.3



#70
 Phenanthrene
 Concen: 43.913 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.7	13.0	19.6

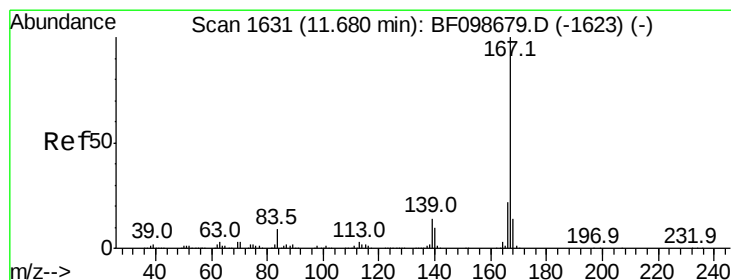
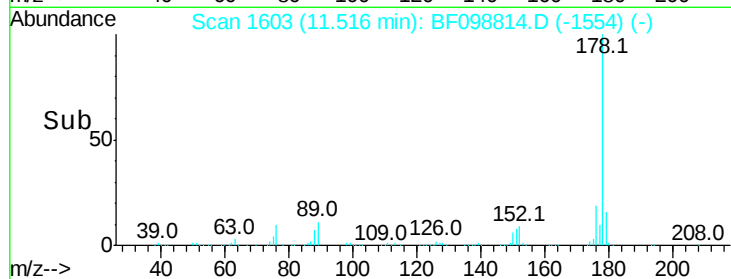
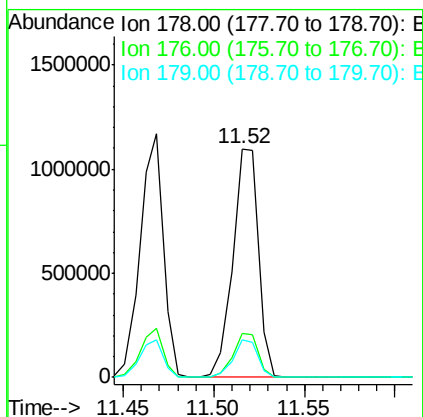
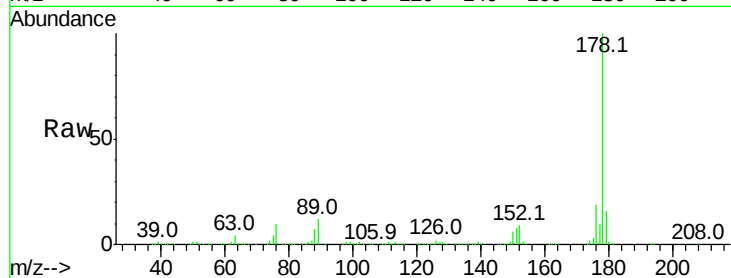




#71
 Anthracene
 Concen: 44.427 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

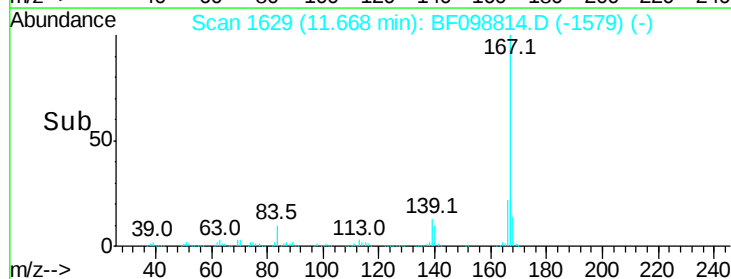
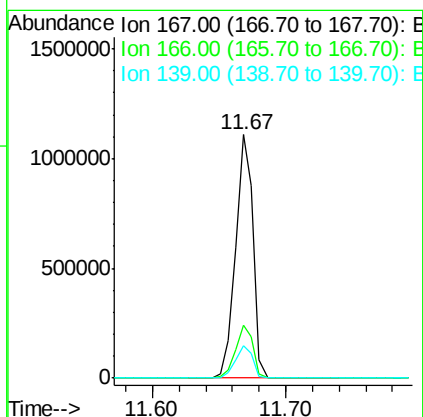
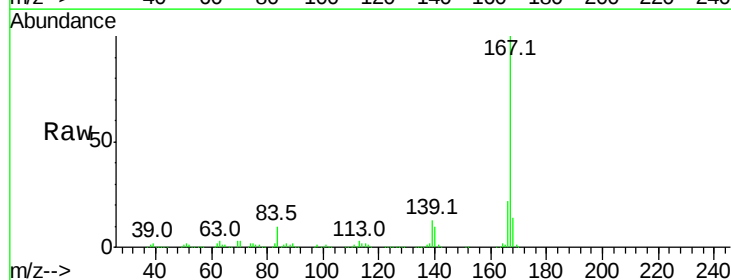
Instrument :
 BNA_F
 ClientSampleId :

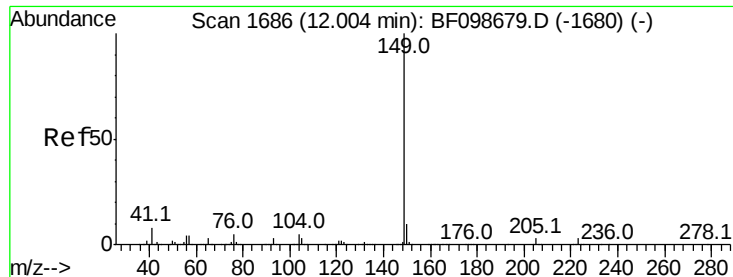
Tot Ion:178 Resp: 1080000
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 16.3 12.6 19.0



#72
 Carbazole
 Concen: 42.597 ng
 RT: 11.67 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

Tgt Ion:167 Resp: 1014051
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.255 ng

RT: 11.99 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Instrument :

BNA_F

ClientSampleId :

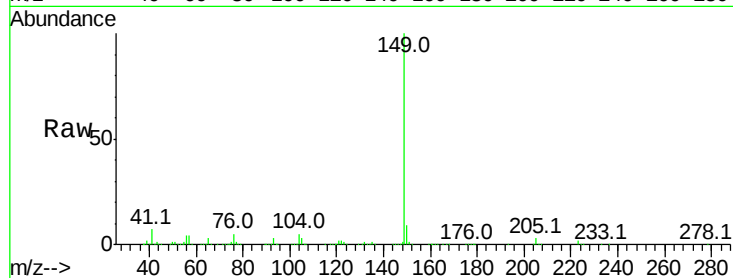
Tot Ion:149 Resp: 1325413

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

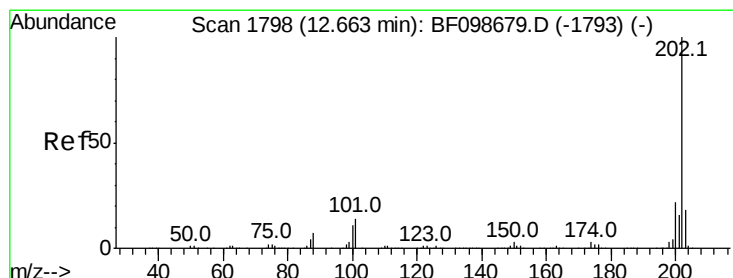
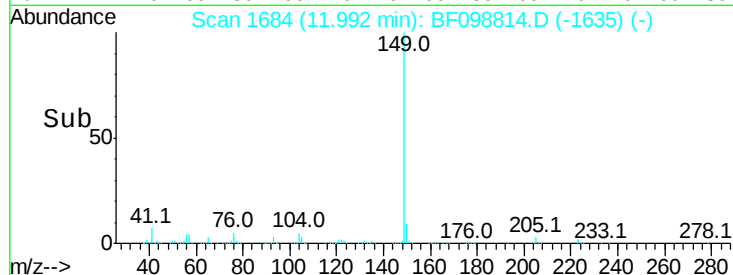
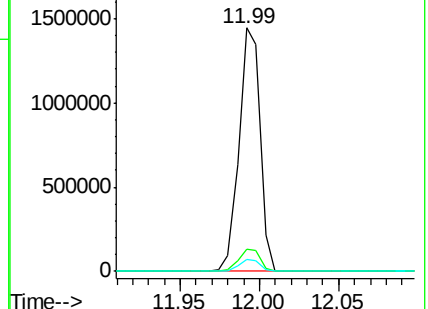
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.533 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

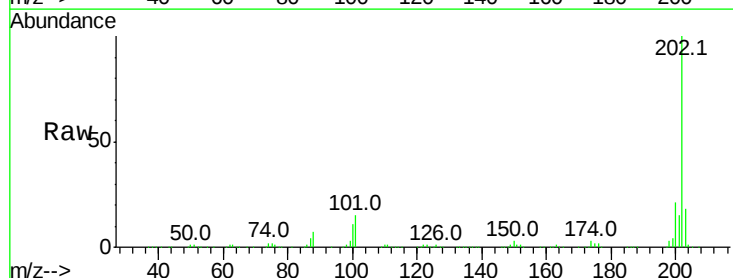
Tgt Ion:202 Resp: 951093

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.1

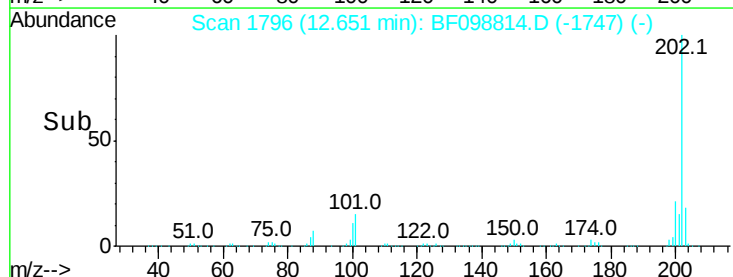
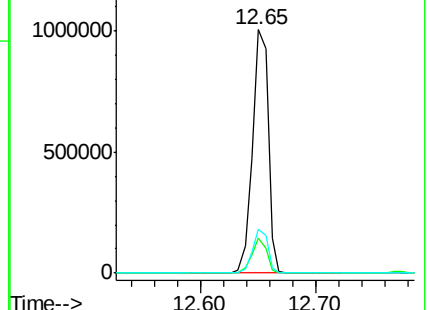
203 18.0 0.0 38.1

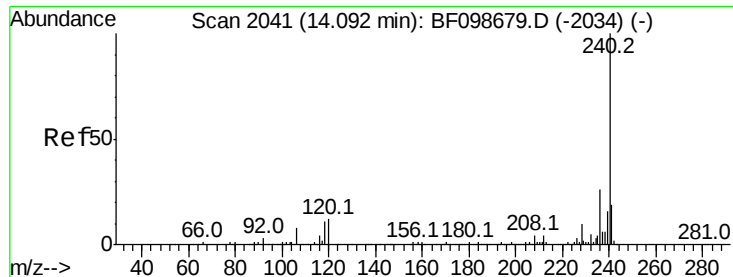


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Instrument :

BNA_F

ClientSampleId :

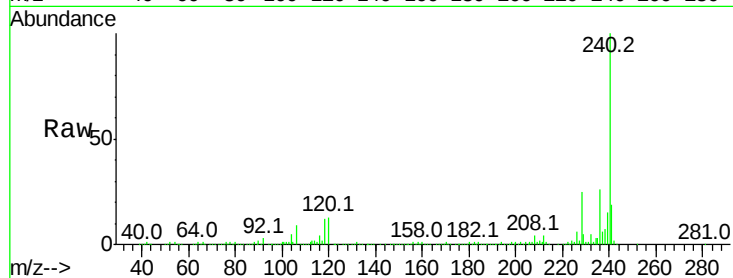
Tot Ion:240 Resp: 251004

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

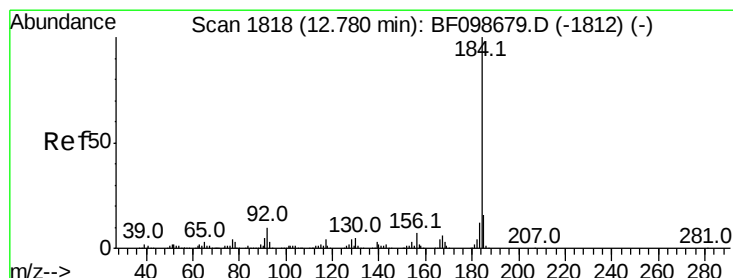
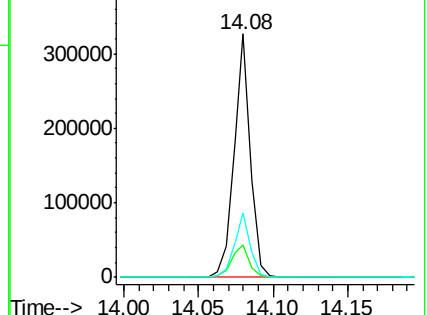
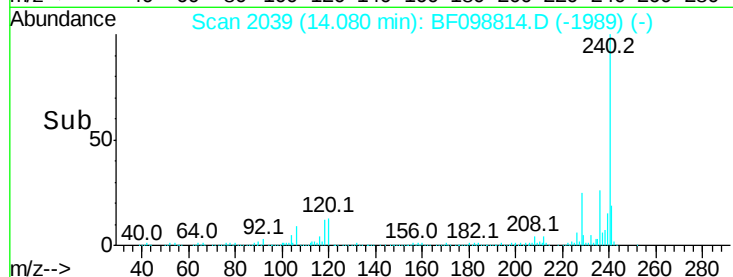
236 26.5 20.7 31.1



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: 66.634 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

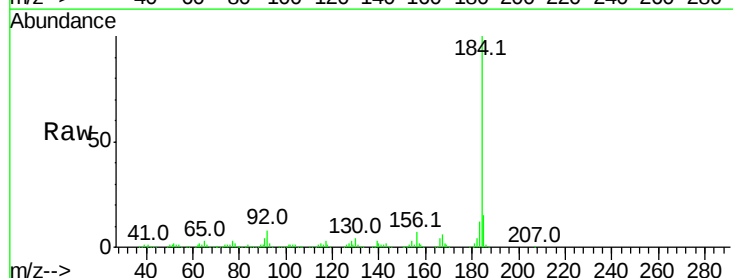
Tgt Ion:184 Resp: 618618

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

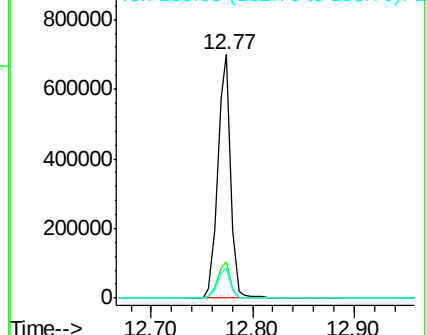
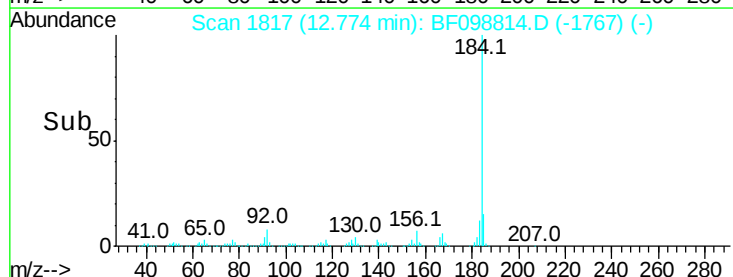
183 12.1 9.3 13.9



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: 49.022 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098814.D

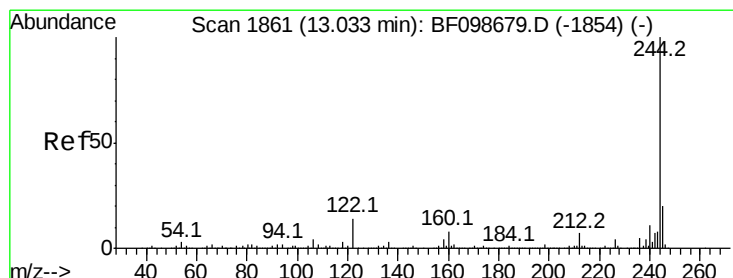
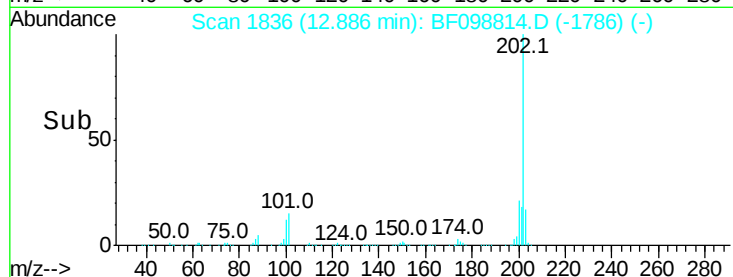
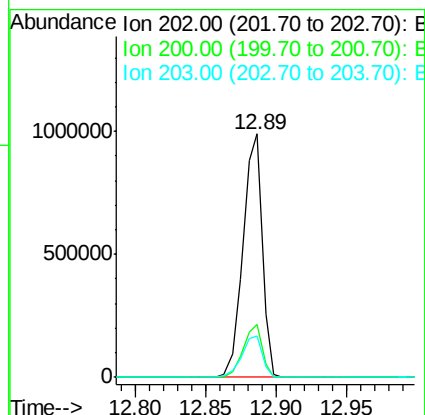
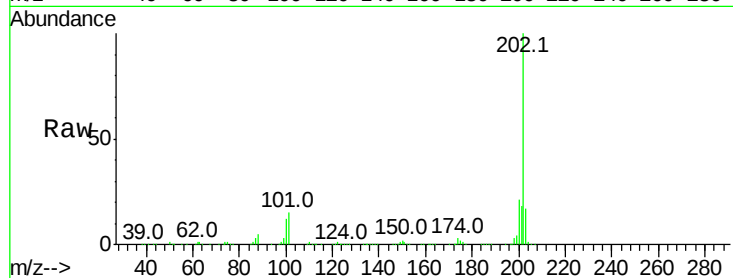
Acq: 26 Sep 2017 6:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	202	Resp:	938287
Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.3	14.3	21.5



#78

Terphenyl-d14

Concen: 100.095 ng

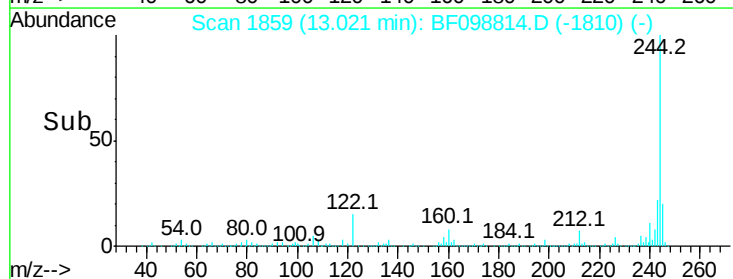
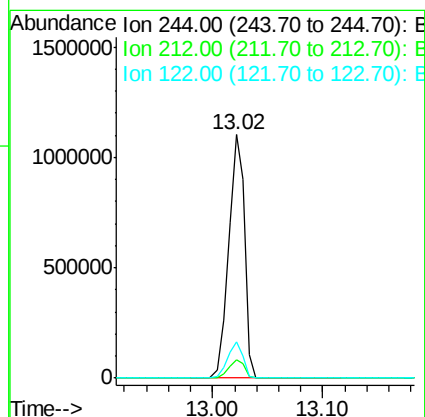
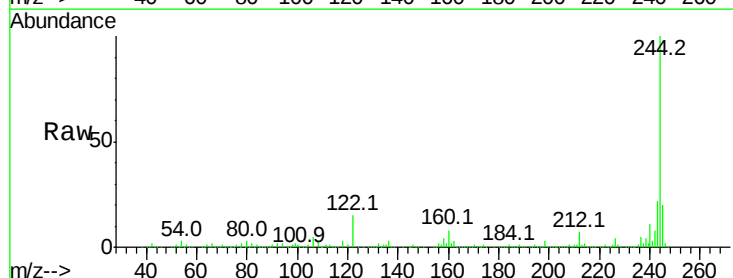
RT: 13.02 min Scan# 1859

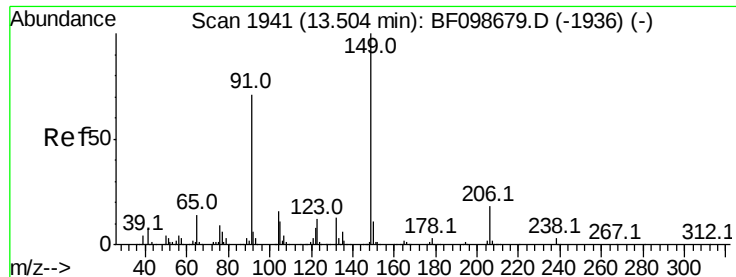
Delta R.T. -0.01 min

Lab File: BF098814.D

Acq: 26 Sep 2017 6:38

Tgt Ion:	244	Resp:	1104748
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	14.7	11.0	16.4

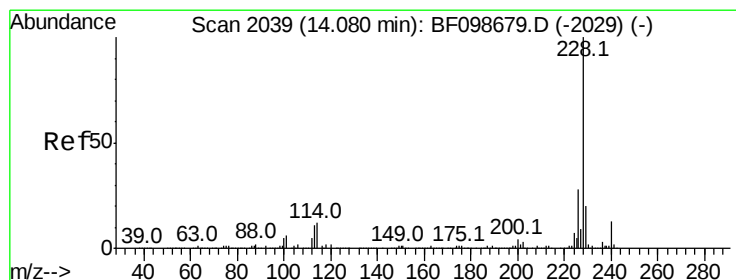
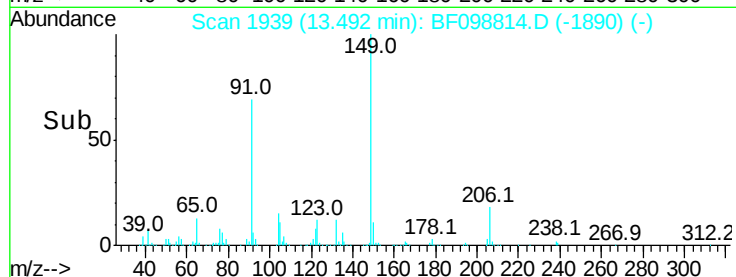
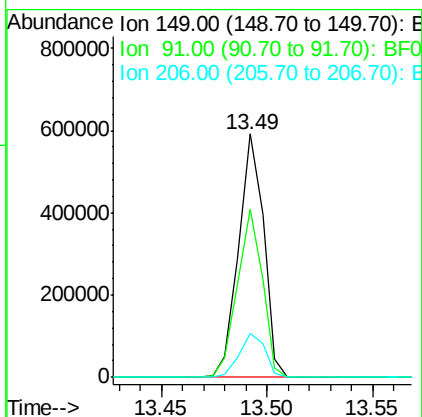
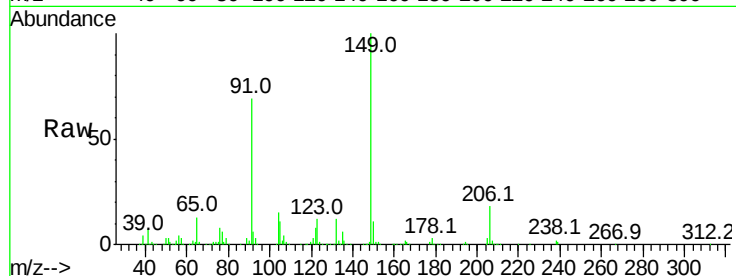




#79
Butylbenzylphthalate
Concen: 54.059 ng
RT: 13.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

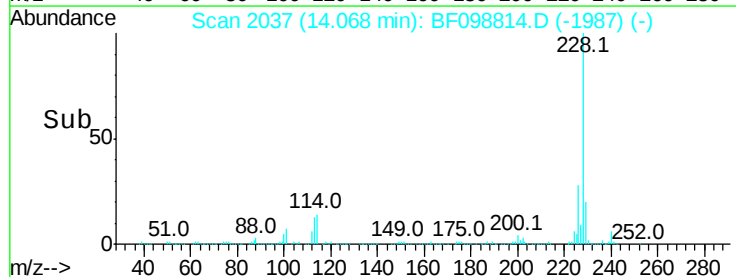
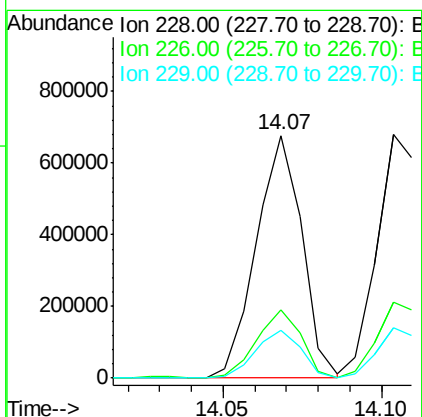
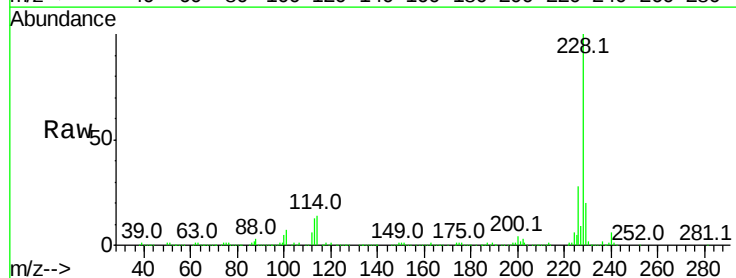
Instrument :
BNA_F
ClientSampleId :

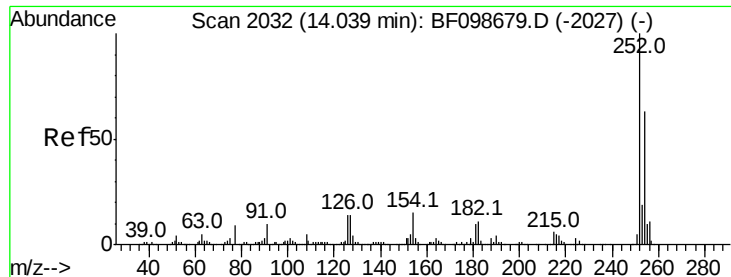
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.3	56.8	85.2
206	17.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 44.619 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.7	15.8	23.6

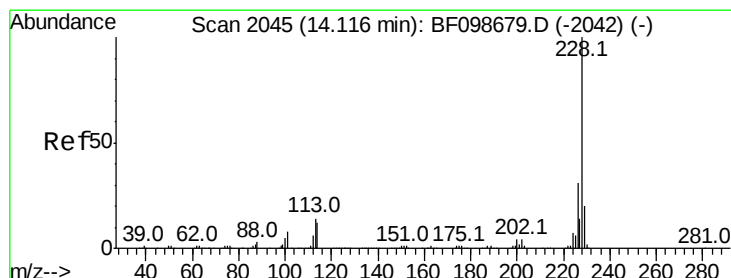
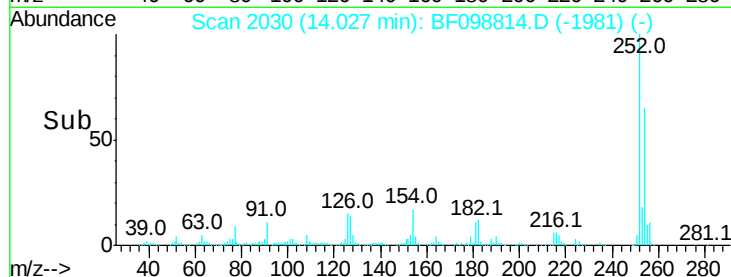
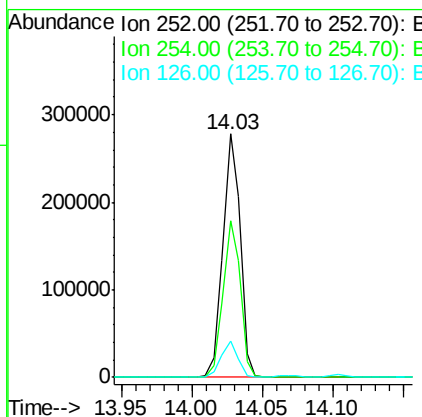
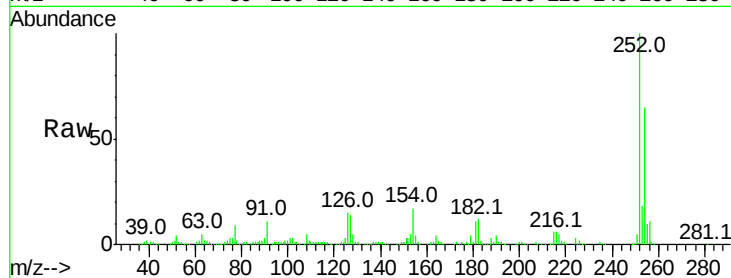




#81
 3,3'-Dichlorobenzidine
 Concen: 42.870 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

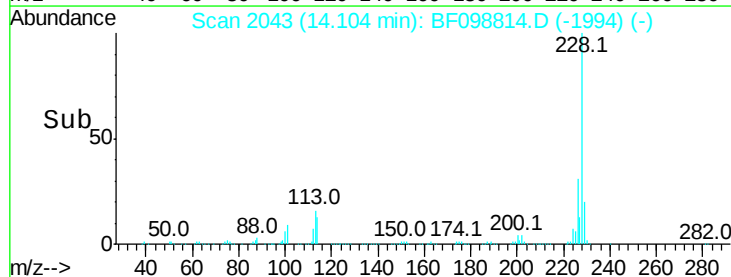
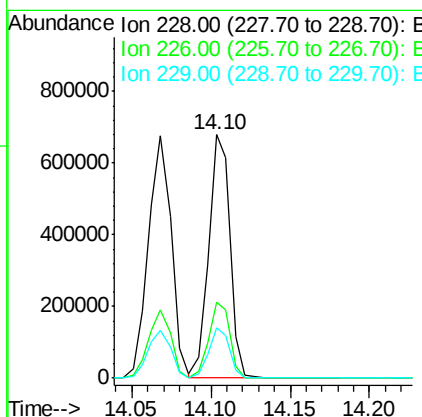
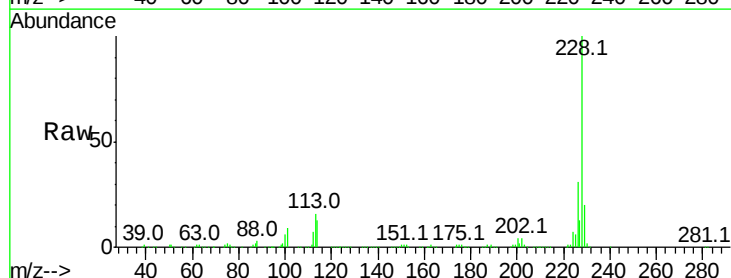
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	15.0	11.3	16.9



#82
 Chrysene
 Concen: 43.952 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.4	16.2	24.4

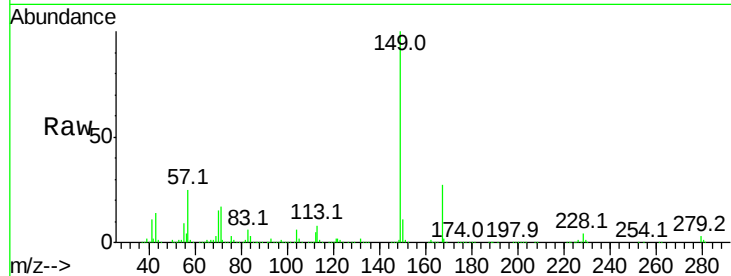




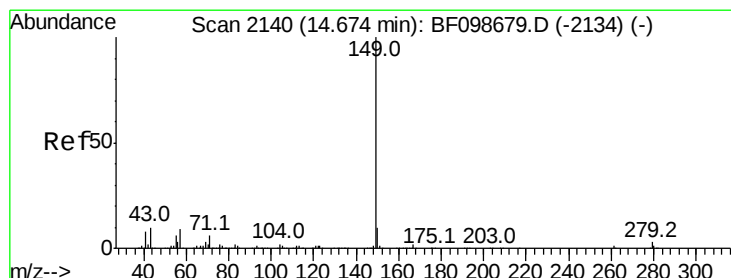
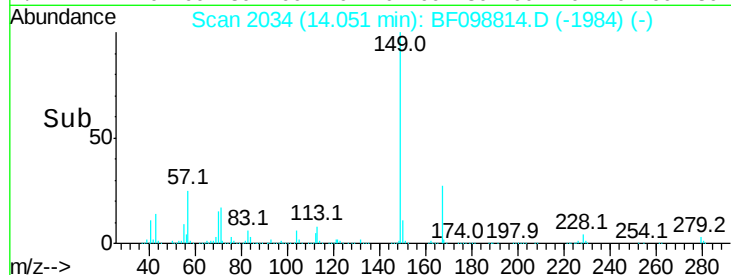
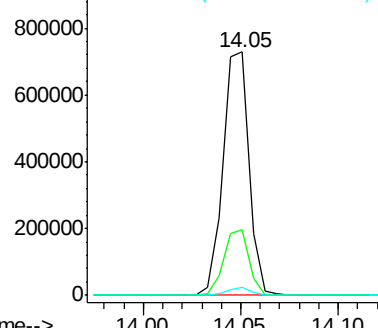
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.305 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.2	3.0	4.4

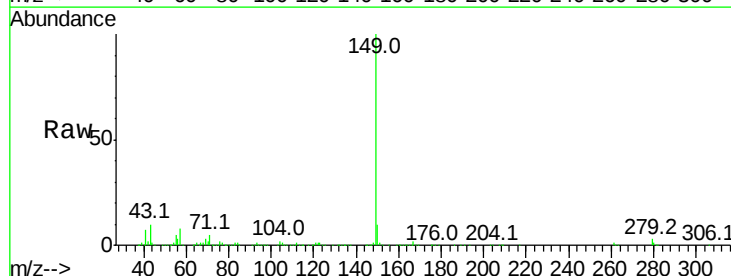


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

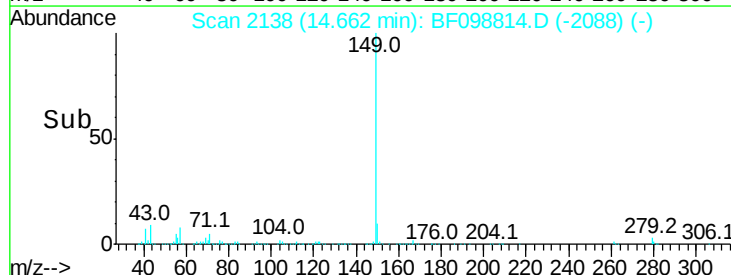
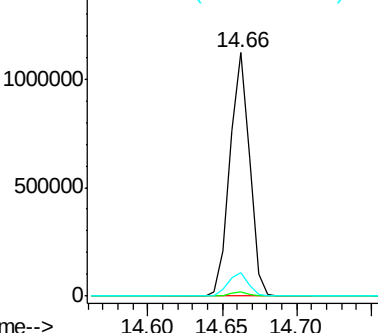


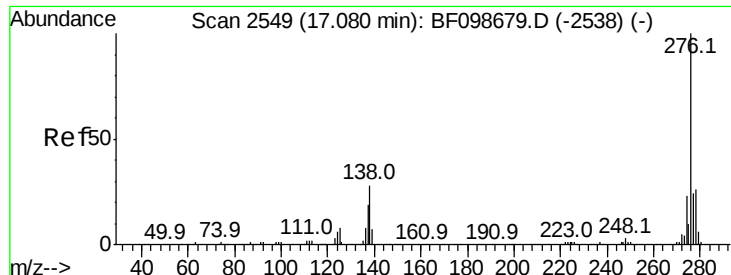
#84
 Di-n-octyl phthalate
 Concen: 50.727 ng
 RT: 14.66 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.7	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

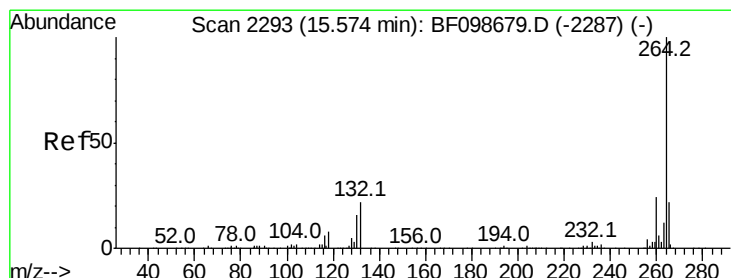
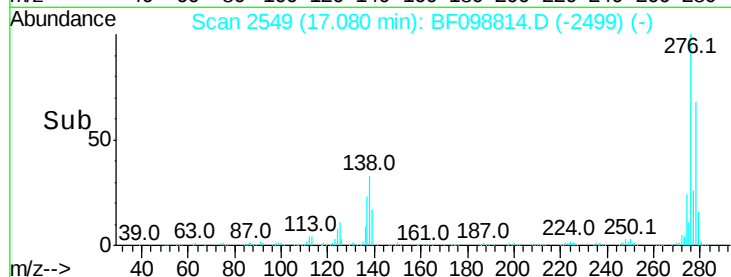
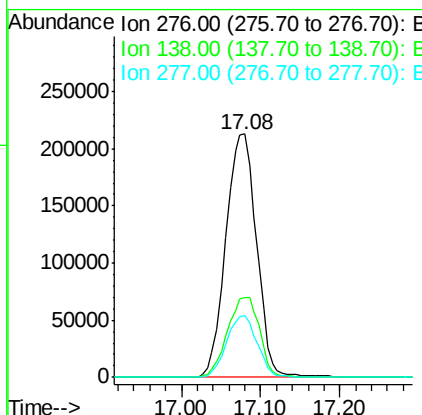
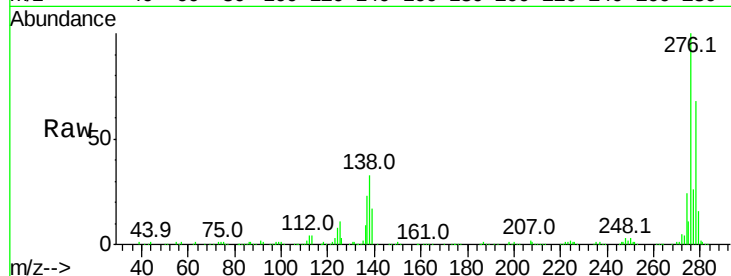




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.402 ng
 RT: 17.08 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

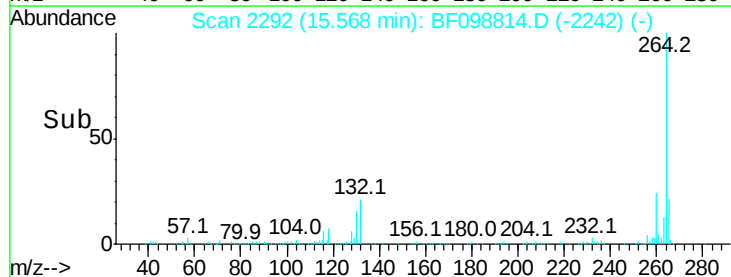
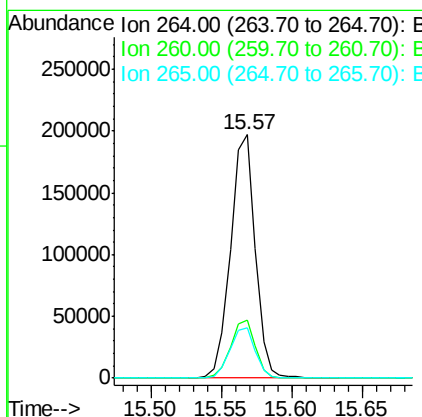
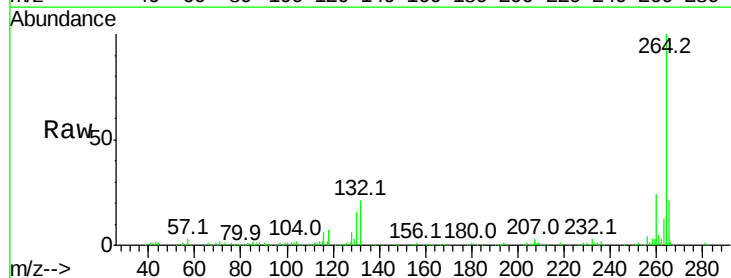
Instrument :
 BNA_F
 ClientSampled :

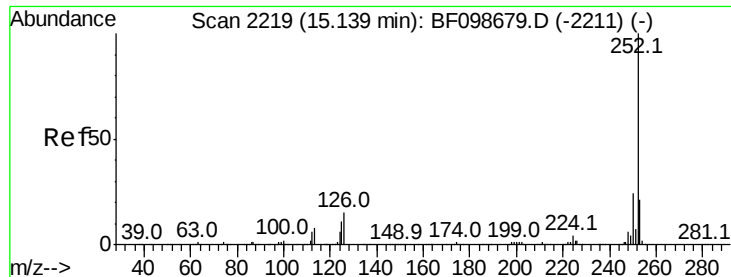
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.7	17.5	26.3

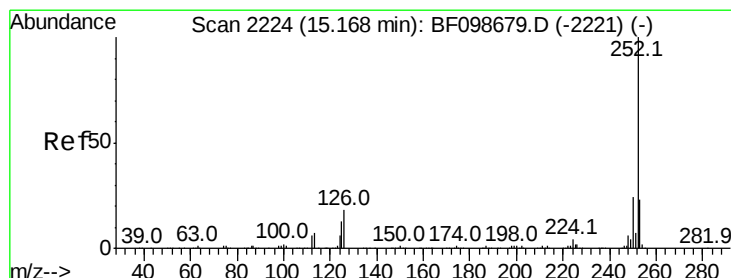
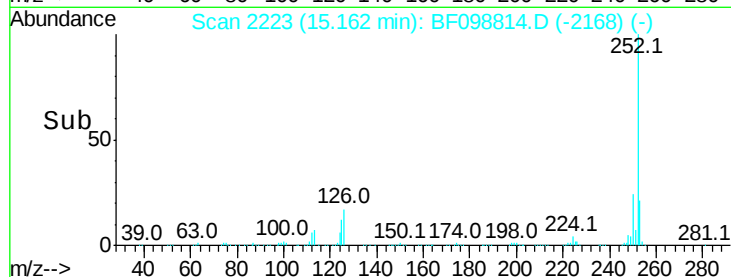
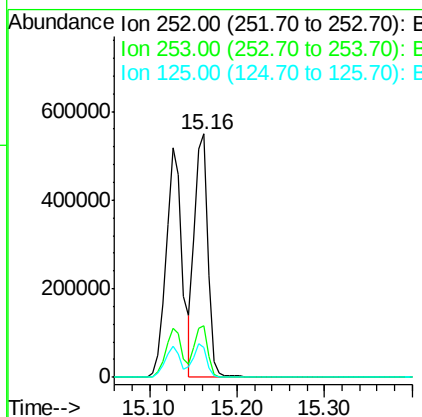
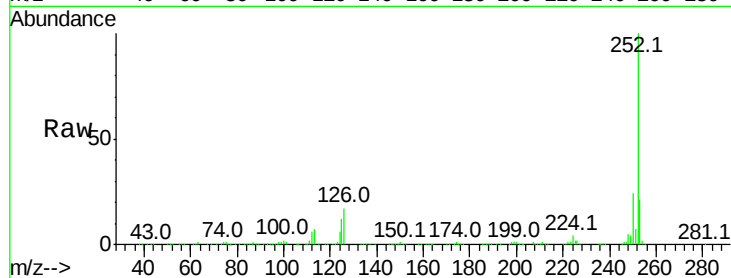




#87
Benzo(b)fluoranthene
Concen: 40.014 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.02 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

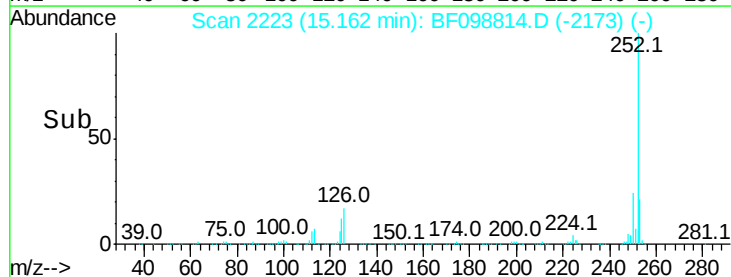
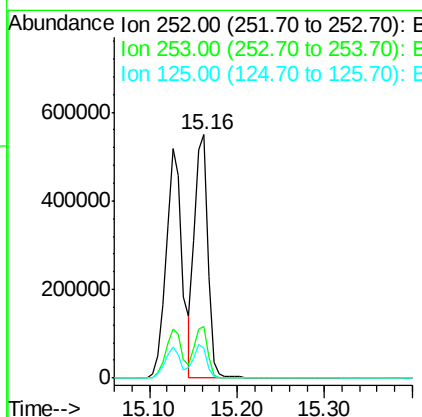
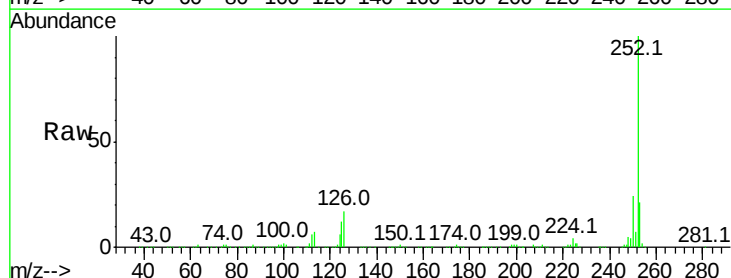
Instrument :
BNA_F
ClientSampleId :

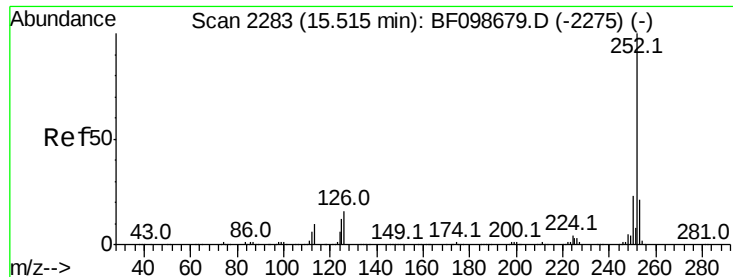
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	12.4	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 40.512 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.9	26.9
125	12.4	10.2	15.2

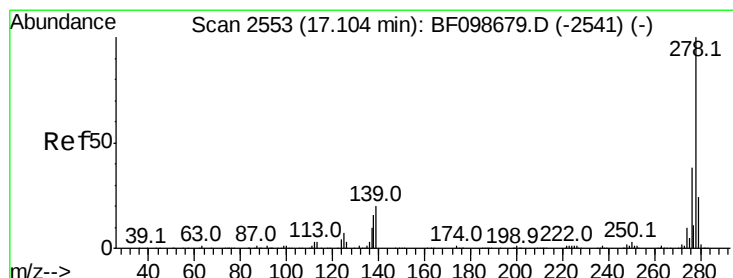
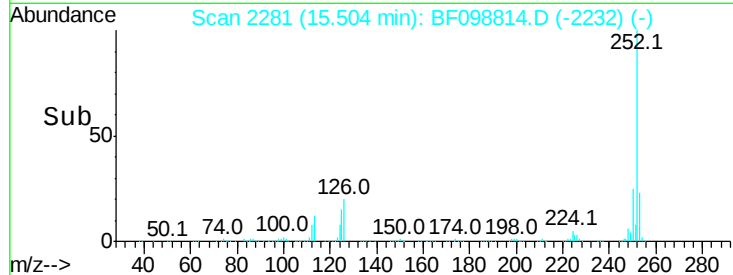
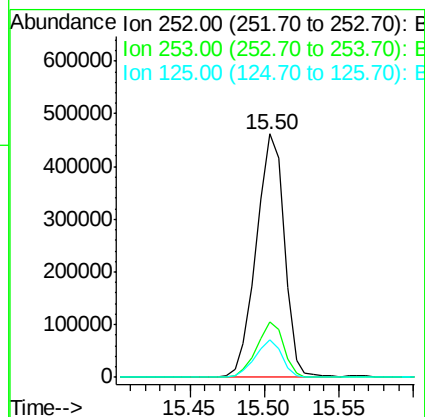
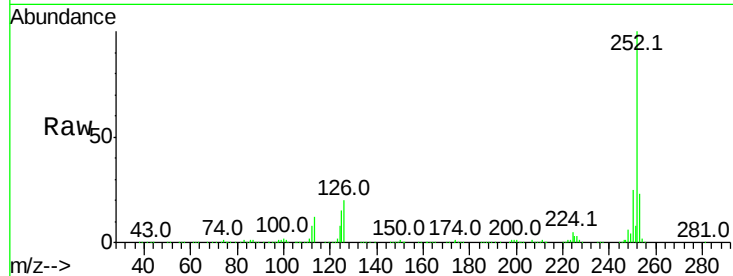




#89
Benzo(a)pyrene
Concen: 44.132 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

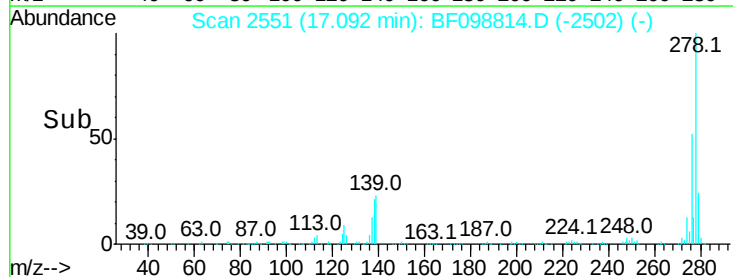
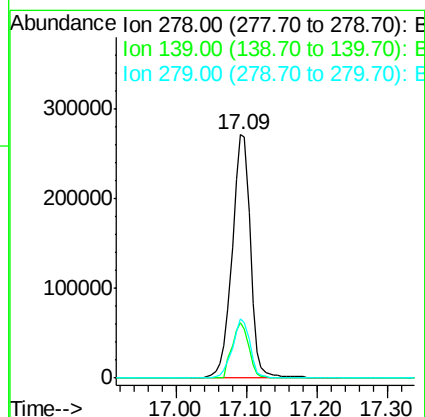
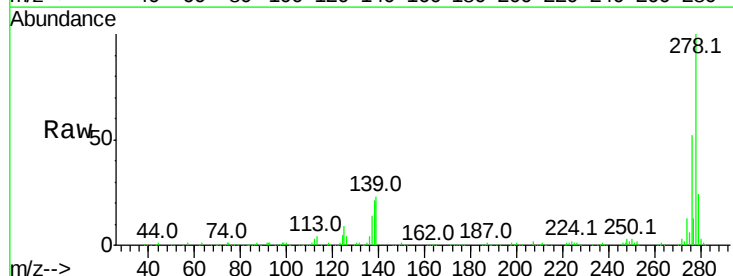
Instrument :
BNA_F
ClientSampleId :

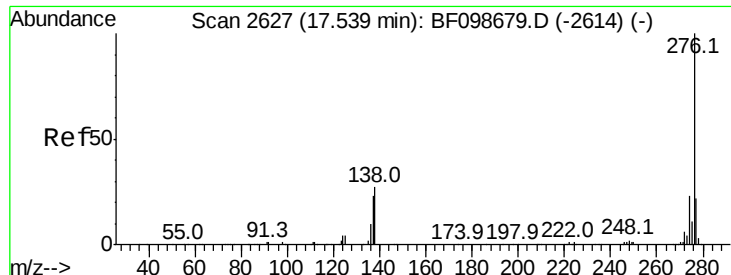
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	15.2	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 45.322 ng
RT: 17.09 min Scan# 2551
Delta R.T. -0.01 min
Lab File: BF098814.D
Acq: 26 Sep 2017 6:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.8	15.9	23.9
279	24.2	19.0	28.4

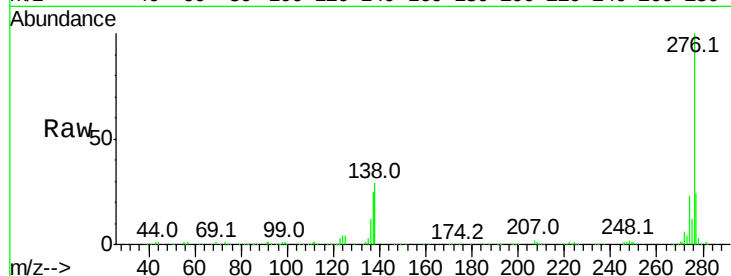




#91
 Benzo(a,h,i)perylene
 Concen: 41.881 ng
 RT: 17.53 min Scan# 2626
 Delta R.T. -0.01 min
 Lab File: BF098814.D
 Acq: 26 Sep 2017 6:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	29.0	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

