

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098077.D
 Acq On : 28 Aug 2017 20:23
 Operator : SJ/JU
 Sample : PB101859BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101859BSD

Quant Time: Aug 29 07:50:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	102184	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	408519	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	179317	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	353571	20.00	ng	0.00
75) Chrysene-d12	13.90	240	296656	20.00	ng	0.00
86) Perylene-d12	15.32	264	252578	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	570286	84.89	ng	0.00
7) Phenol-d6	6.38	99	767298	84.06	ng	0.00
23) Nitrobenzene-d5	7.31	82	687022	91.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	139455	89.63	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1018884	83.48	ng	0.00
78) Terphenyl-d14	12.84	244	921161	64.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	133027	35.507	ng	89
3) Pyridine	3.17	79	389593	37.616	ng	# 85
4) n-Nitrosodimethylamine	3.13	42	147039	36.896	ng	# 74
6) Aniline	6.40	93	293559	22.894	ng	97
8) 2-Chlorophenol	6.53	128	294600	41.582	ng	98
9) Benzaldehyde	6.29	77	127426	22.040	ng	88
10) Phenol	6.39	94	422696	39.596	ng	96
11) bis(2-Chloroethyl)ether	6.48	93	317368	39.389	ng	96
12) 1,3-Dichlorobenzene	6.68	146	292442	38.375	ng	# 92
13) 1,4-Dichlorobenzene	6.76	146	293444	37.861	ng	# 93
14) 1,2-Dichlorobenzene	6.91	146	275749	38.585	ng	98
15) Benzyl Alcohol	6.89	79	286840	41.974	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	411979	38.003	ng	91
17) 2-Methylphenol	7.00	107	260834	41.778	ng	95
18) Hexachloroethane	7.25	117	118795	39.094	ng	# 79
19) n-Nitroso-di-n-propylamine	7.16	70	229006	36.650	ng	92
20) 3+4-Methylphenols	7.16	107	314170	41.199	ng	94
22) Acetophenone	7.15	105	422766	39.174	ng	# 90
24) Nitrobenzene	7.33	77	363514	43.415	ng	95
25) Isophorone	7.57	82	643707	41.166	ng	97
26) 2-Nitrophenol	7.65	139	149475	49.135	ng	# 86
27) 2,4-Dimethylphenol	7.69	122	266365	40.845	ng	95
28) bis(2-Chloroethoxy)methane	7.78	93	403605	39.261	ng	99
29) 2,4-Dichlorophenol	7.89	162	226140	41.774	ng	94
30) 1,2,4-Trichlorobenzene	7.97	180	229093	38.175	ng	98
31) Naphthalene	8.05	128	826851	38.987	ng	99
32) Benzoic acid	7.81	122	142414	32.378	ng	89
33) 4-Chloroaniline	8.10	127	153919	17.209	ng	97
34) Hexachlorobutadiene	8.16	225	131680	37.582	ng	99
35) Caprolactam	8.50	113	20109	10.927	ng	96
36) 4-Chloro-3-methylphenol	8.59	107	278881	40.097	ng	# 80
37) 2-Methylnaphthalene	8.74	142	538361	41.404	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	212922	38.691	ng	# 97
40) Hexachlorocyclopentadiene	8.89	237	235926	89.238	ng	100

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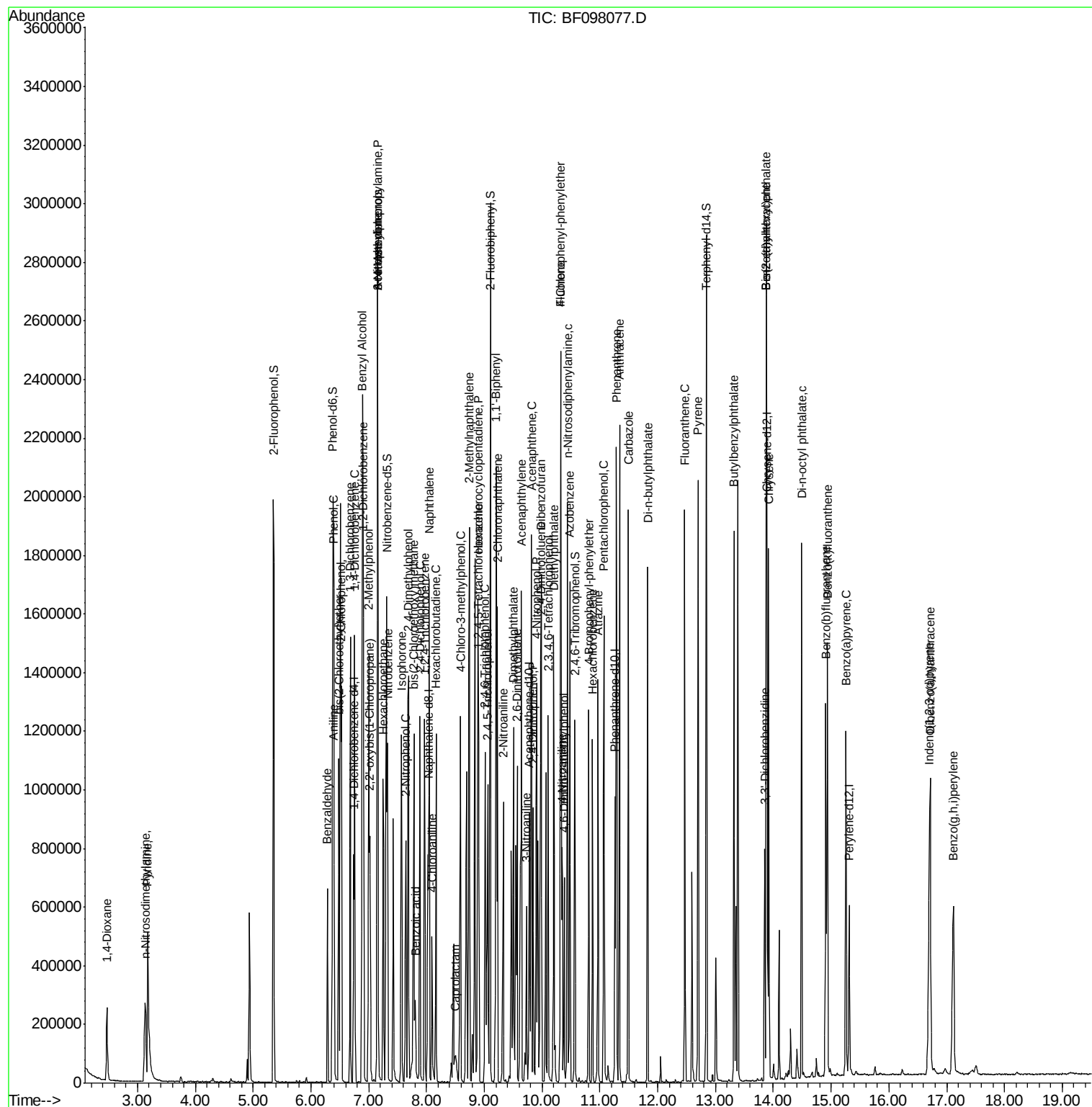
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42) 2,4,6-Trichlorophenol	9.02	196	150431	40.715	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	160973	43.917	nq	96
45) 1,1'-Biphenyl	9.20	154	627247	38.359	nq	96
46) 2-Chloronaphthalene	9.23	162	471415	39.018	nq	# 92
47) 2-Nitroaniline	9.33	65	187639	46.326	nq	96
48) Acenaphthylene	9.64	152	765296	40.336	nq	100
49) Dimethylphthalate	9.50	163	547132	41.742	nq	100
50) 2,6-Dinitrotoluene	9.57	165	117771	45.013	nq	# 60
51) Acenaphthene	9.82	154	451485	37.730	nq	99
52) 3-Nitroaniline	9.73	138	83403	24.707	nq	89
53) 2,4-Dinitrophenol	9.85	184	102591	82.122	nq	# 78
54) Dibenzofuran	9.99	168	681867	42.517	nq	99
55) 4-Nitrophenol	9.90	139	213091	79.134	nq	# 38
56) 2,4-Dinitrotoluene	9.97	165	156786	47.750	nq	# 58
57) Fluorene	10.33	166	510713	41.189	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	128900	45.422	nq	96
59) Diethylphthalate	10.20	149	553341	40.369	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	232756	40.407	nq	# 86
61) 4-Nitroaniline	10.35	138	138228	43.084	nq	# 71
62) Azobenzene	10.48	77	684336	42.030	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	73201	44.639	nq	# 78
65) n-Nitrosodiphenylamine	10.44	169	461631	38.341	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	141910	38.651	nq	92
67) Hexachlorobenzene	10.87	284	141351	37.771	nq	# 89
68) Atrazine	10.97	200	143743	45.018	nq	98
69) Pentachlorophenol	11.07	266	151939	69.633	nq	99
70) Phenanthrene	11.29	178	760697	40.375	nq	99
71) Anthracene	11.34	178	774630	40.536	nq	99
72) Carbazole	11.49	167	754946	41.620	nq	99
73) Di-n-butylphthalate	11.83	149	875796	41.917	nq	99
74) Fluoranthene	12.47	202	831238	42.269	nq	98
77) Pyrene	12.70	202	864532	35.632	nq	98
79) Butylbenzylphthalate	13.32	149	382505	41.119	nq	# 72
80) Benzo(a)anthracene	13.89	228	674160	37.917	nq	98
81) 3,3'-Dichlorobenzidine	13.85	252	154153	25.694	nq	# 96
82) Chrysene	13.93	228	677676	38.315	nq	100
83) Bis(2-ethylhexyl)phthalate	13.88	149	462431	44.860	nq	# 99
84) Di-n-octyl phthalate	14.49	149	832172	46.397	nq	98
85) Indeno(1,2,3-cd)pyrene	16.70	276	586722	45.094	nq	94
87) Benzo(b)fluoranthene	14.91	252	665219	41.783	nq	99
88) Benzo(k)fluoranthene	14.94	252	549170	36.715	nq	# 94
89) Benzo(a)pyrene	15.26	252	584047	41.439	nq	99
90) Dibenzo(a,h)anthracene	16.72	278	478971	41.743	nq	98
91) Benzo(g,h,i)perylene	17.12	276	502020	41.931	nq	# 93

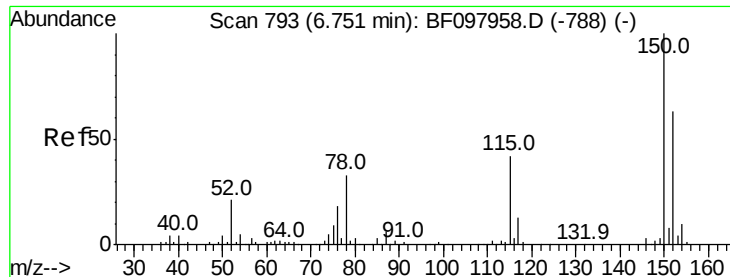
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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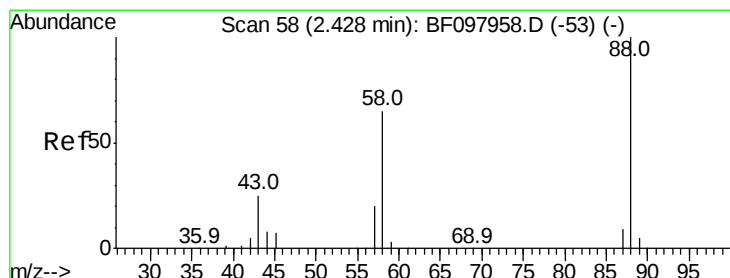
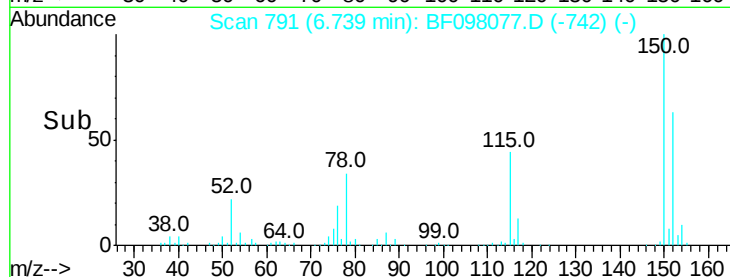
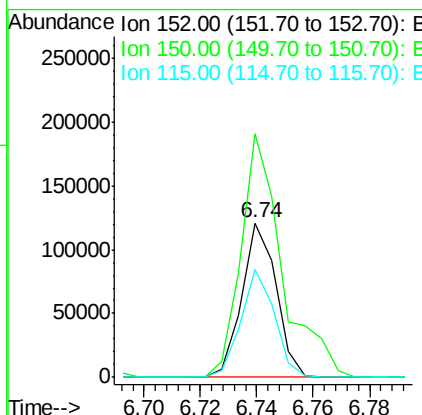
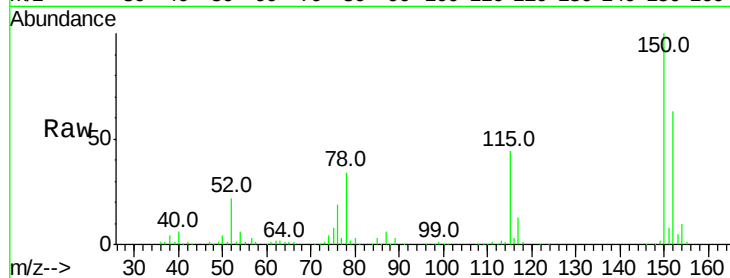


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

Instrument :
 BNA_F
 ClientSampleId :
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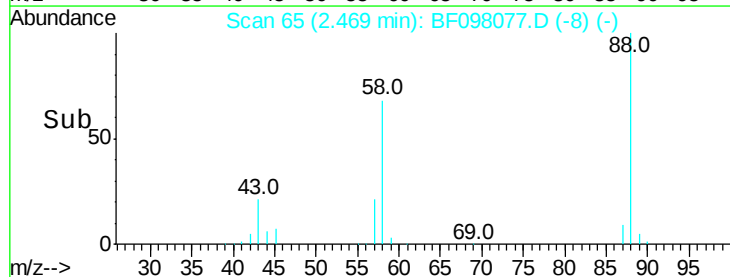
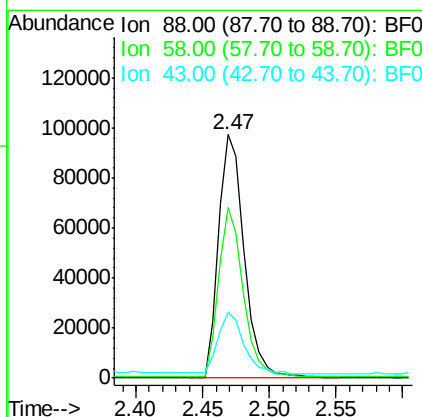
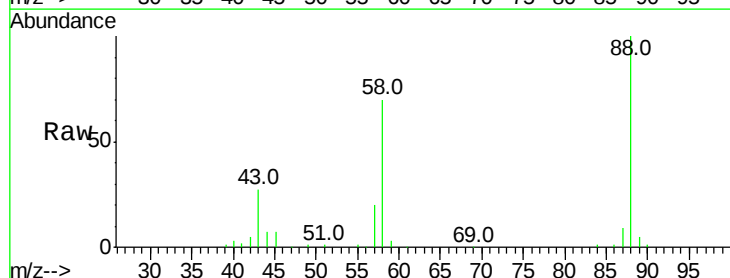
Tot Ion:152 Resp: 102184
 Ion Ratio Lower Upper
 152 100
 150 157.5 126.2 189.2
 115 69.8 52.2 78.2

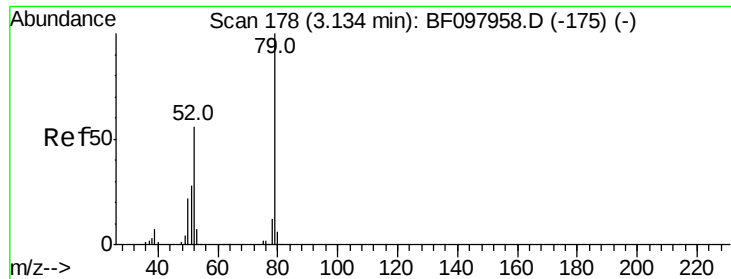


#2

1,4-Dioxane
 Concen: 35.507 ng
 RT: 2.47 min Scan# 65
 Delta R.T. 0.04 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

Tgt Ion: 88 Resp: 133027
 Ion Ratio Lower Upper
 88 100
 58 66.0 61.4 92.0
 43 25.1 23.4 35.0

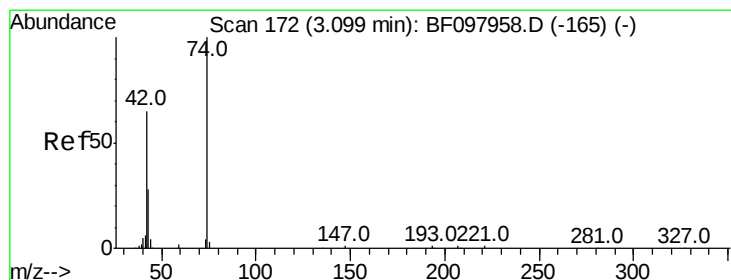
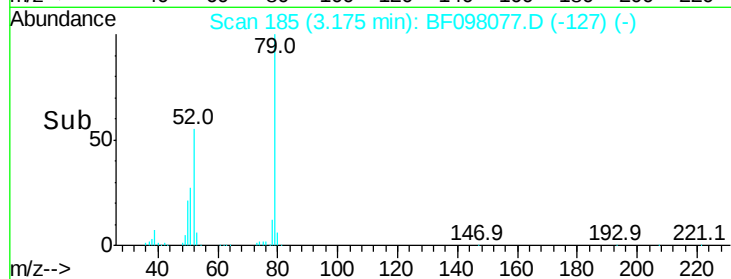
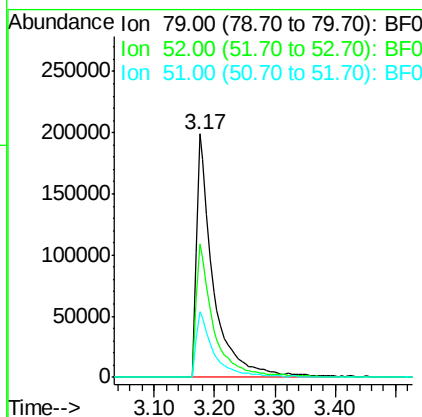
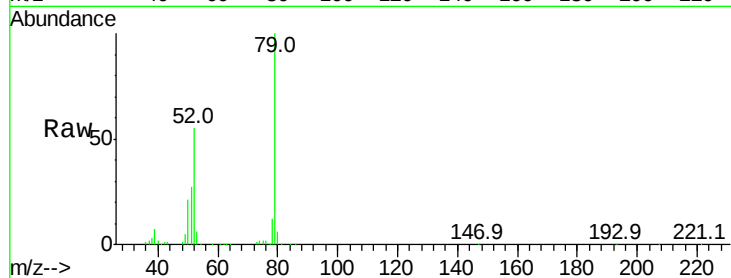




#3
 Pvridine
 Concen: 37.616 ng
 RT: 3.17 min Scan# 185
 Delta R.T. 0.04 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

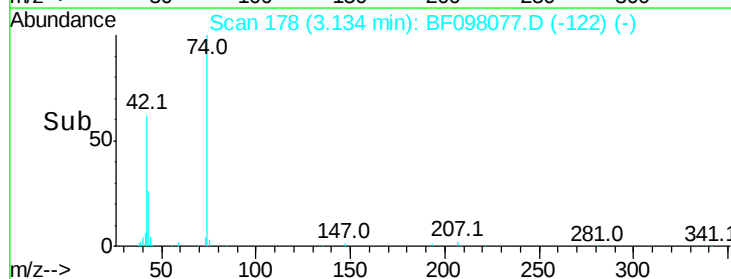
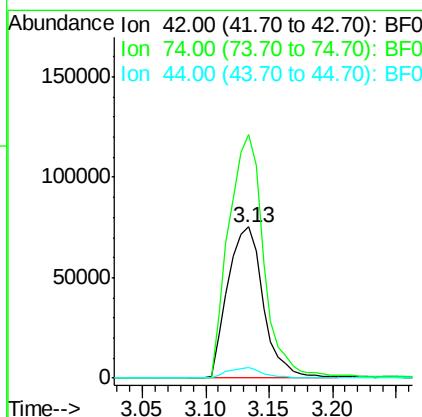
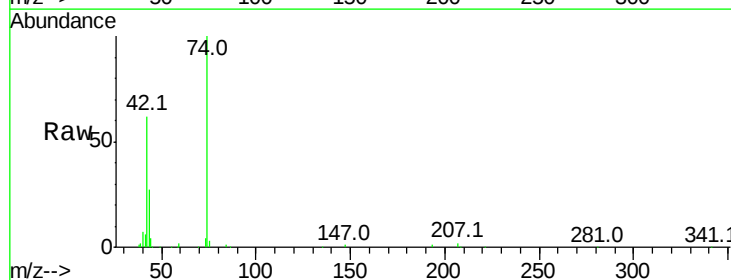
Instrument :
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 ClientSampleId :
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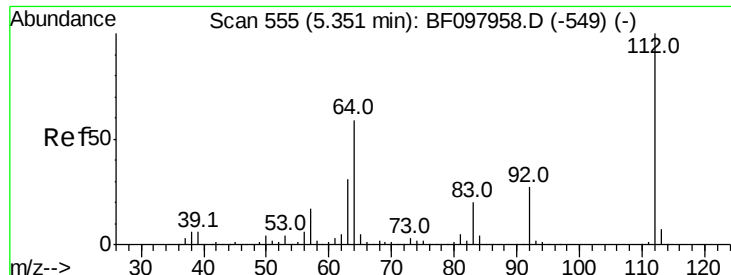
Tot Ion: 79 Resp: 389593
 Ion Ratio Lower Upper
 79 100
 52 54.8 54.8 82.2#
 51 27.2 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 36.896 ng
 RT: 3.13 min Scan# 178
 Delta R.T. 0.03 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

Tgt Ion: 42 Resp: 147039
 Ion Ratio Lower Upper
 42 100
 74 161.3 103.9 155.9#
 44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 84.891 ng

RT: 5.35 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

PB101859BSD

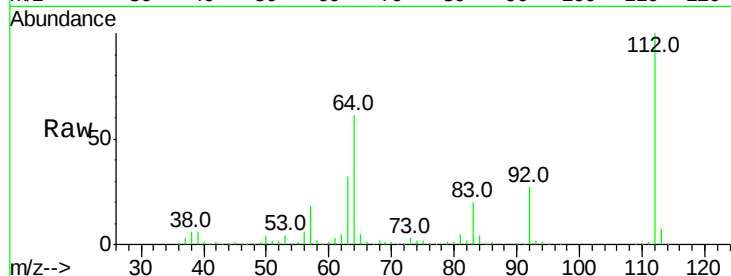
Tot Ion:112 Resp: 570286

Ion Ratio Lower Upper

112 100

64 60.7 46.0 69.0

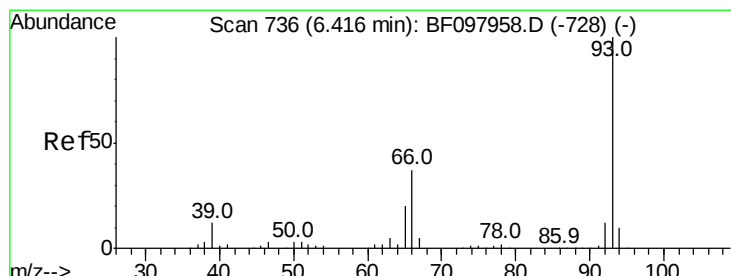
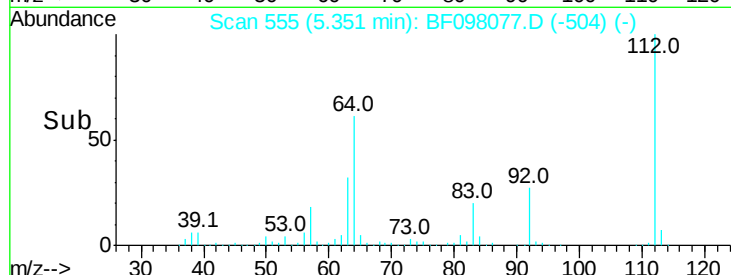
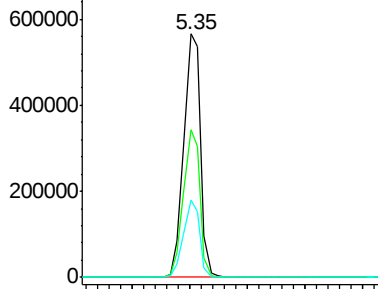
63 31.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.894 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

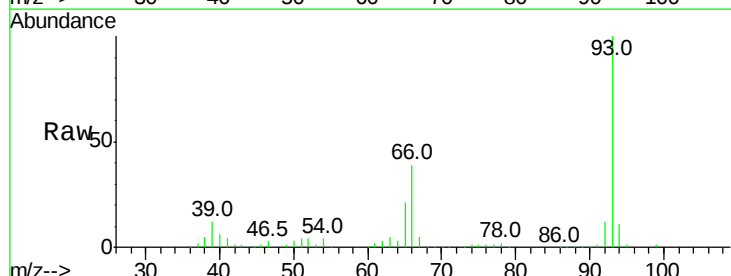
Tgt Ion: 93 Resp: 293559

Ion Ratio Lower Upper

93 100

66 38.6 32.9 49.3

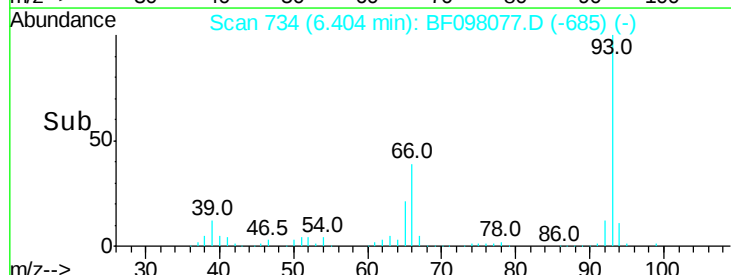
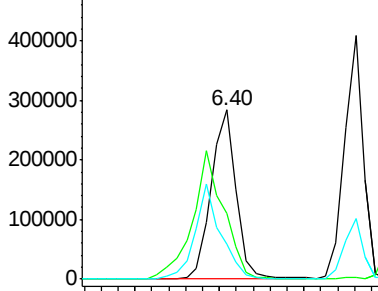
65 20.8 16.0 24.0

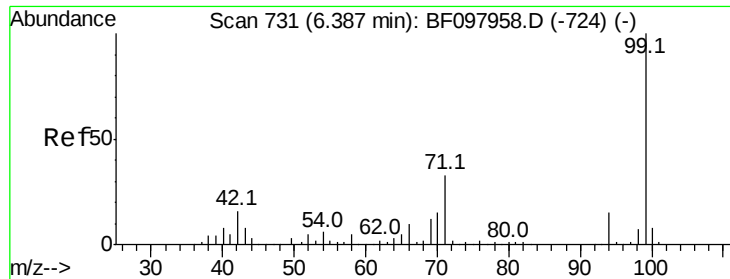


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.063 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

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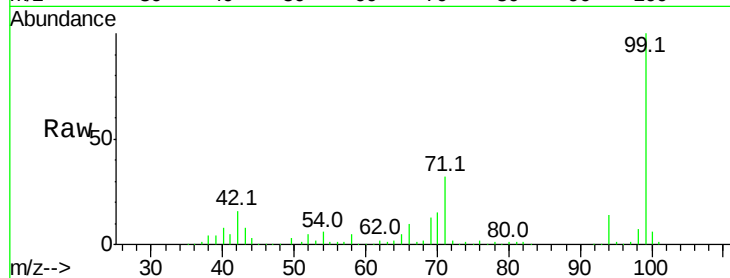
Tot Ion: 99 Resp: 767298

Ion Ratio Lower Upper

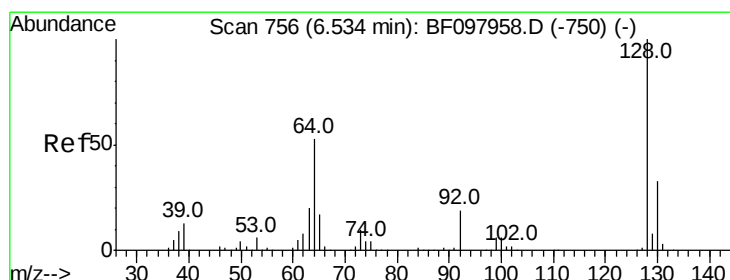
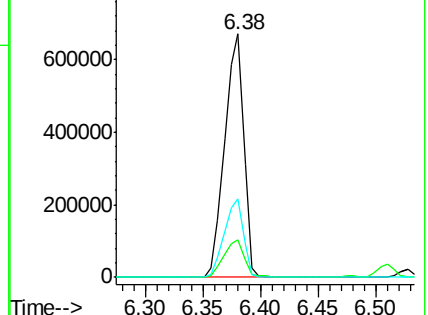
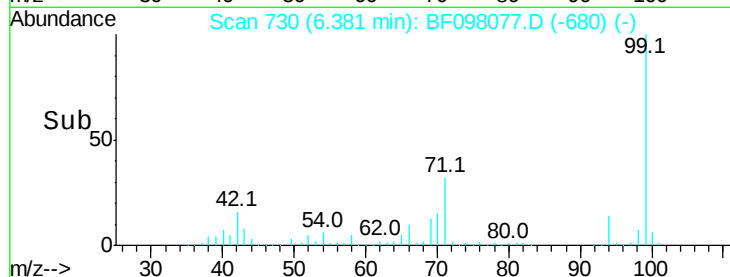
99 100

42 15.6 13.5 20.3

71 32.4 24.5 36.7



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: 41.582 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

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Acq: 28 Aug 2017 20:23

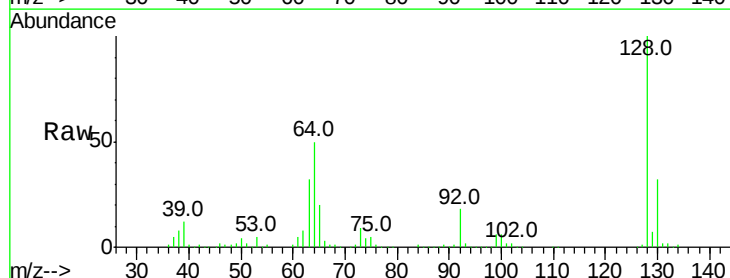
Tgt Ion: 128 Resp: 294600

Ion Ratio Lower Upper

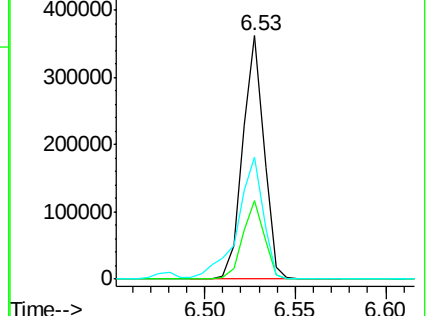
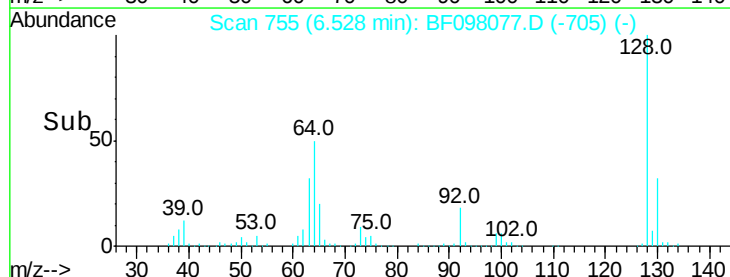
128 100

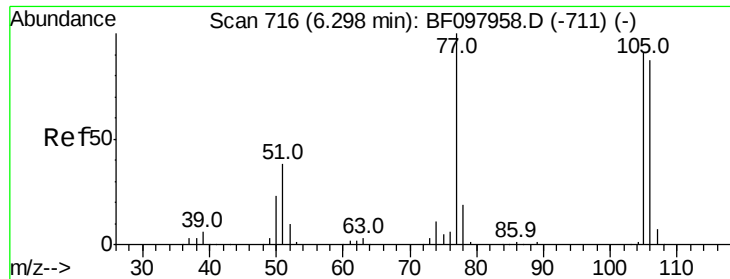
130 32.4 12.9 52.9

64 50.4 28.4 68.4



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: 22.040 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

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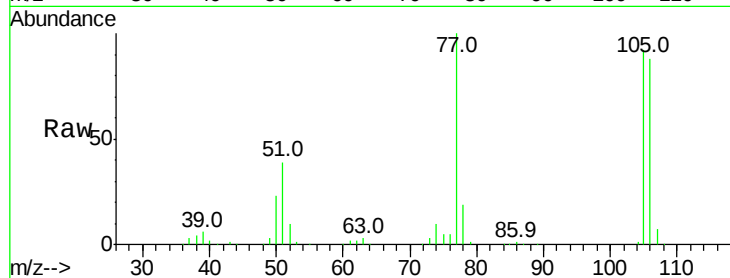
Tot Ion: 77 Resp: 127426

Ion Ratio Lower Upper

77 100

105 91.8 83.8 123.8

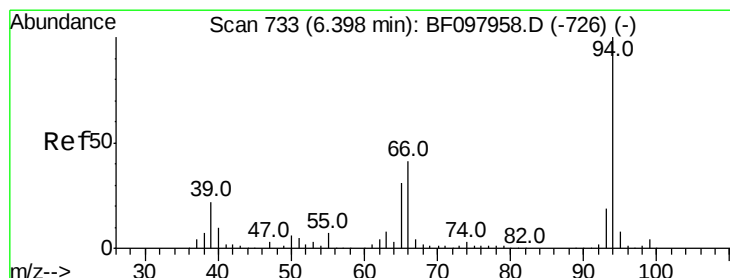
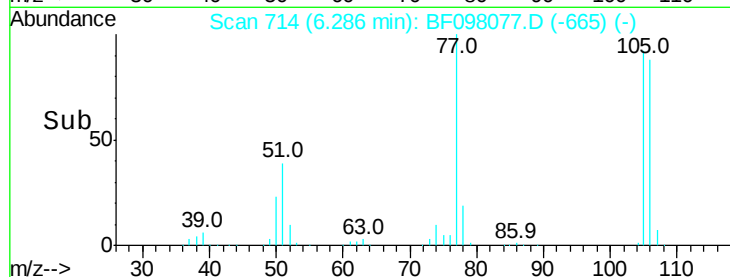
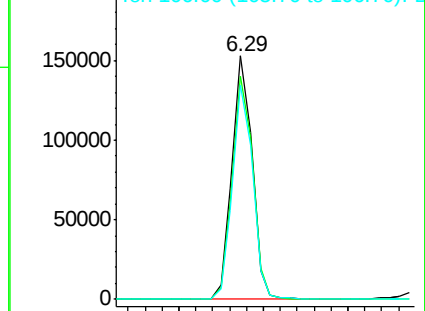
106 87.8 79.1 119.1



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: 39.596 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

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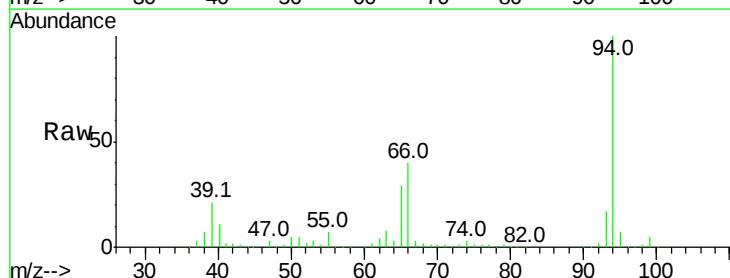
Tgt Ion: 94 Resp: 422696

Ion Ratio Lower Upper

94 100

65 29.2 9.9 49.9

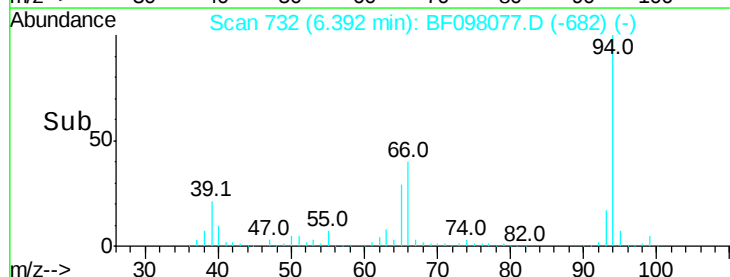
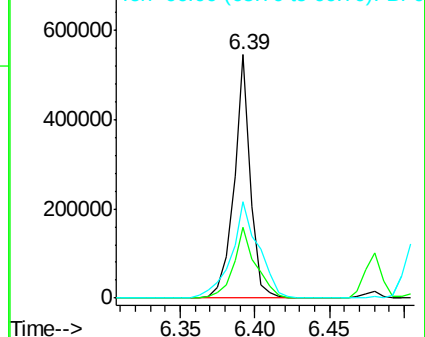
66 39.6 23.1 63.1

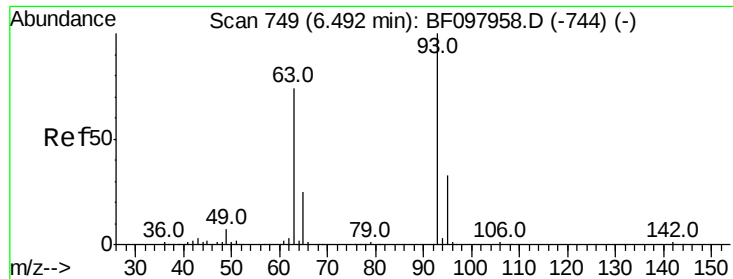


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

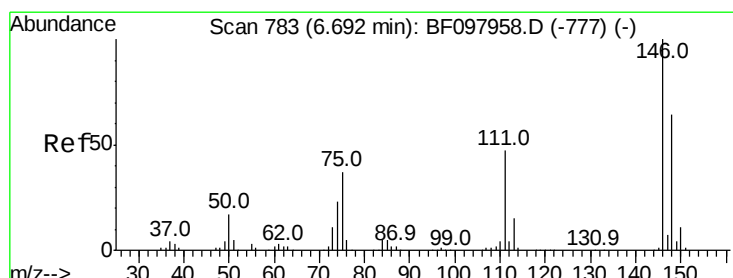
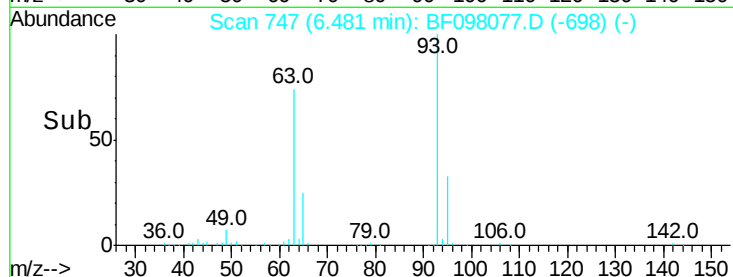
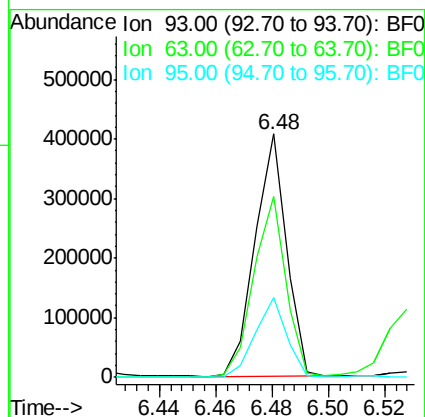
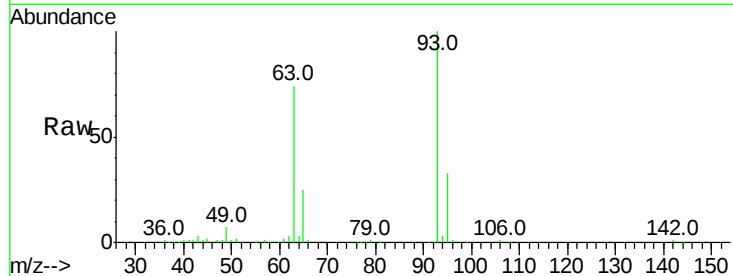




#11
bis(2-Chloroethyl)ether
Concen: 39.389 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

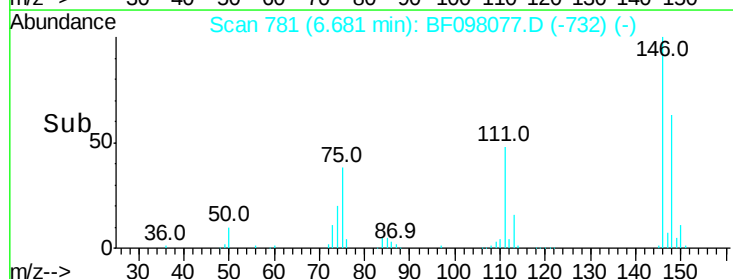
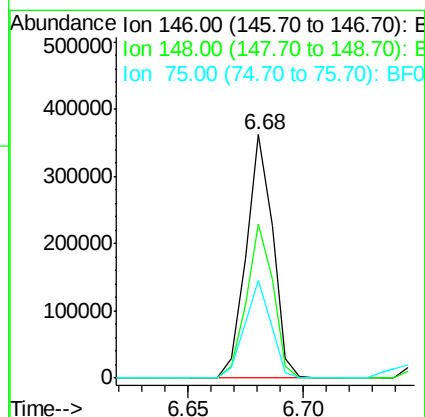
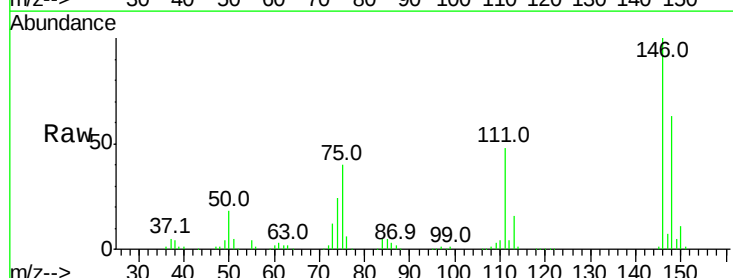
Instrument :
BNA_F
ClientSampleId :
PB101859BSD

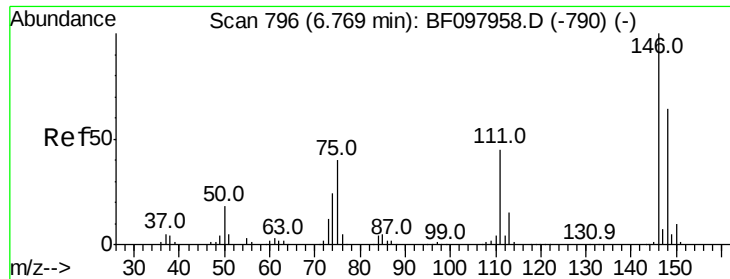
Tot Ion: 93 Resp: 317368
Ion Ratio Lower Upper
93 100
63 74.1 59.2 99.2
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.375 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

Tgt Ion: 146 Resp: 292442
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.6
75 39.9 23.1 34.7#

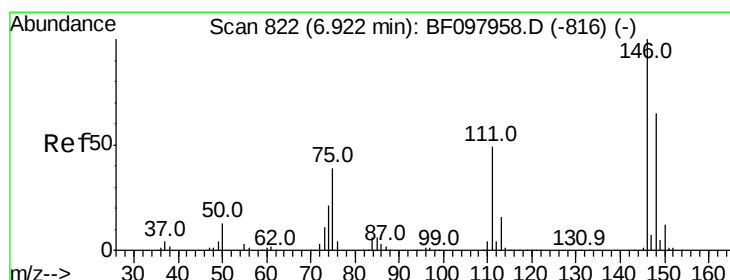
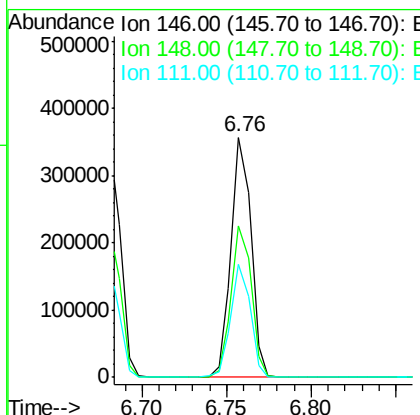
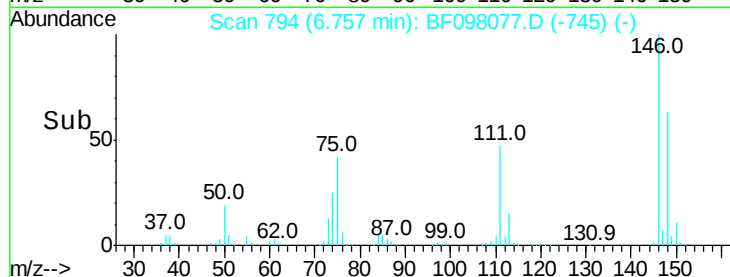
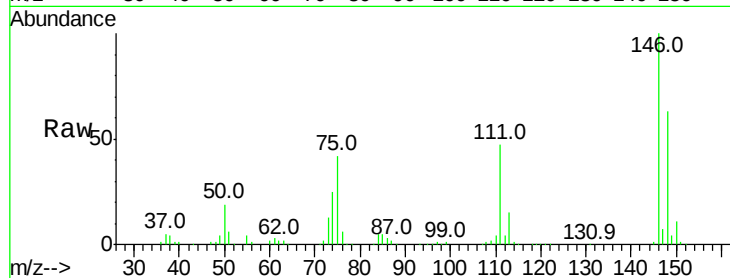




#13
 1,4-Dichlorobenzene
 Concen: 37.861 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

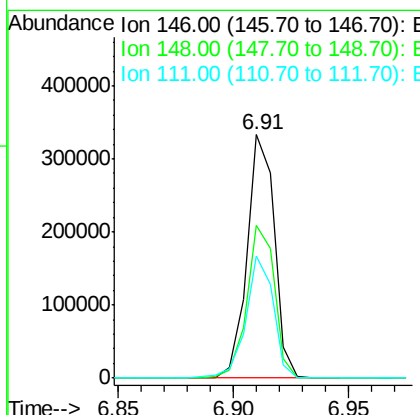
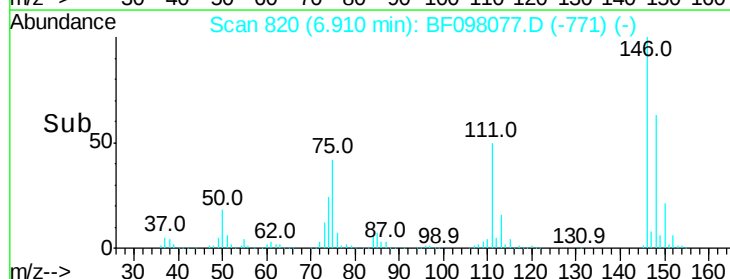
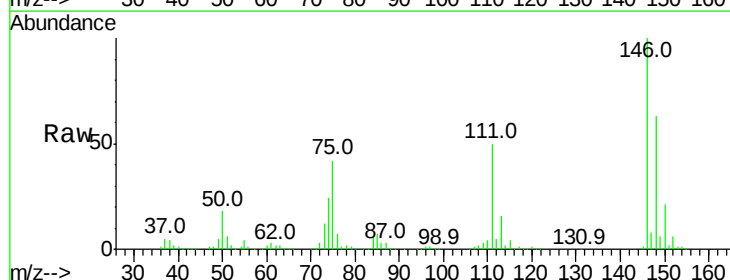
Instrument :
 BNA_F
 ClientSampleId :
 PB101859BSD

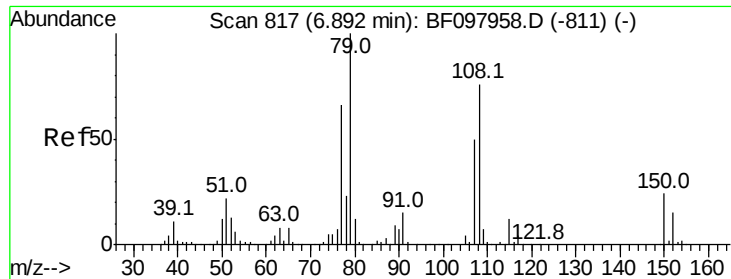
Tot Ion:146 Resp: 293444
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.2 78.2
 111 47.1 30.3 45.5#



#14
 1,2-Dichlorobenzene
 Concen: 38.585 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

Tgt Ion:146 Resp: 275749
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.4 75.6
 111 49.9 38.2 57.4

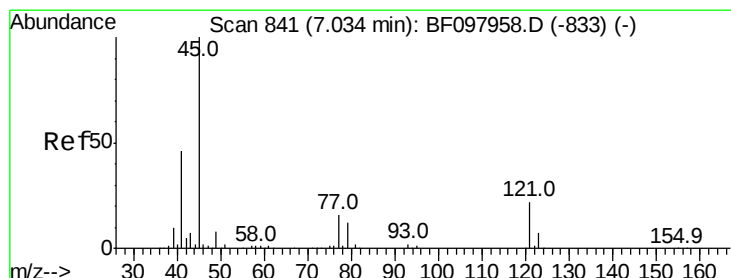
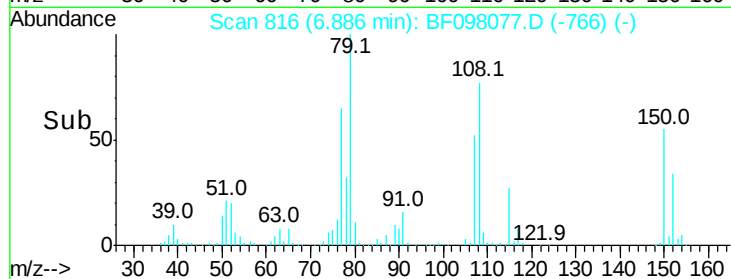
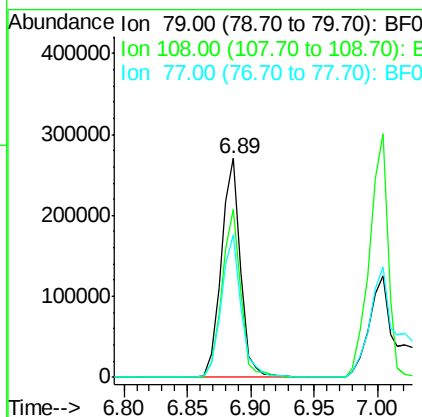
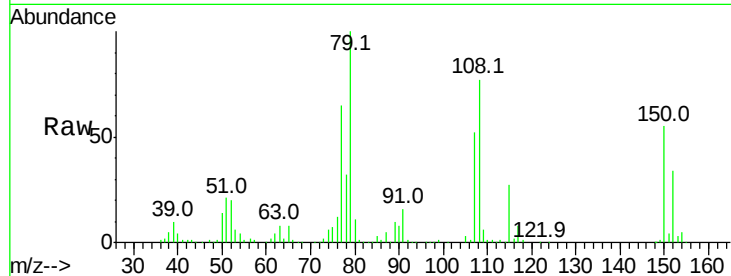




#15
Benzyl Alcohol
Concen: 41.974 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

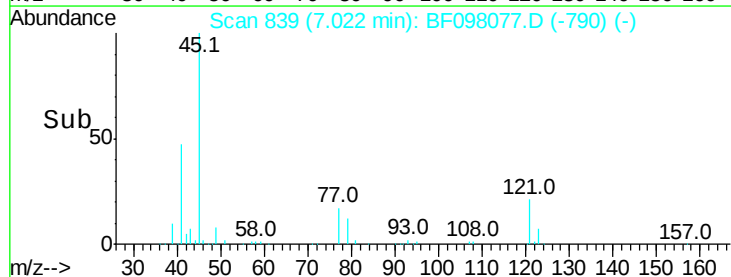
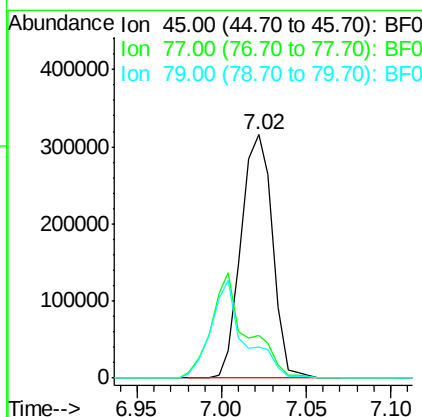
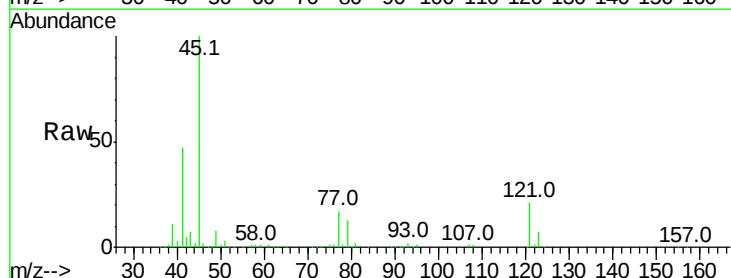
Instrument :
BNA_F
ClientSampleId :
PB101859BSD

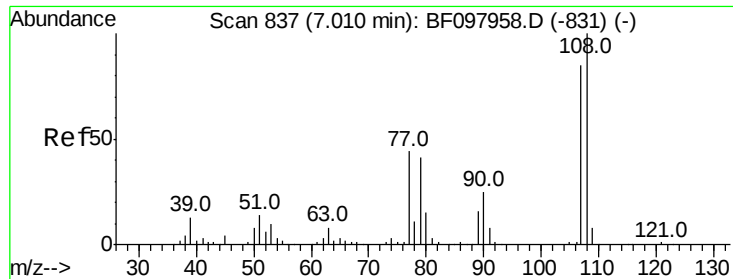
Tot Ion: 79 Resp: 286840
Ion Ratio Lower Upper
79 100
108 76.9 63.4 95.0
77 65.0 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.003 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

Tgt Ion: 45 Resp: 411979
Ion Ratio Lower Upper
45 100
77 17.4 0.0 33.2
79 12.8 0.0 30.0





#17

2-Methylphenol

Concen: 41.778 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

PB101859BSD

Tot Ion:107 Resp: 260834

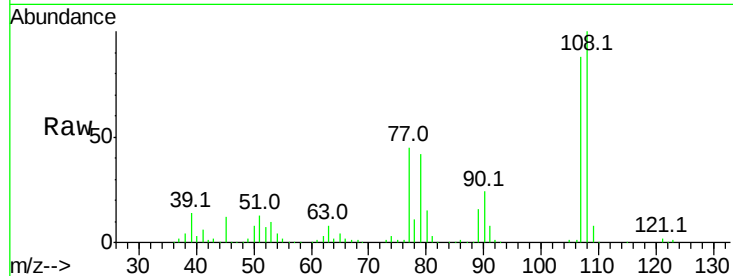
Ion Ratio Lower Upper

107 100

108 113.6 93.4 140.0

77 51.6 35.8 53.6

79 47.6 34.8 52.2

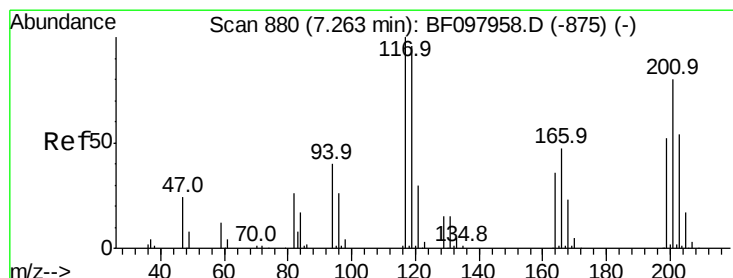
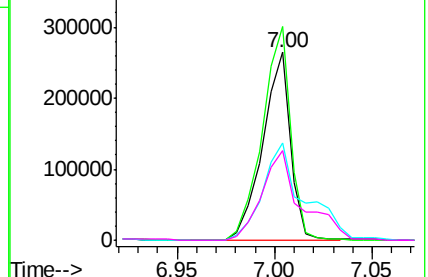
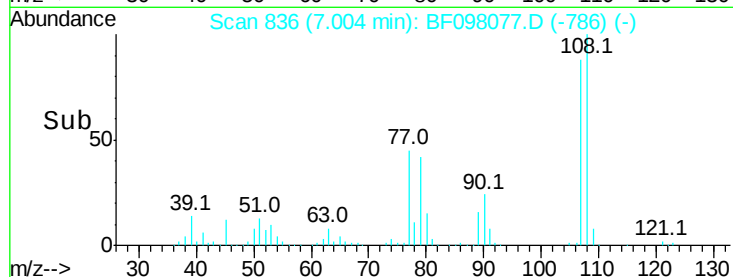


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.094 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

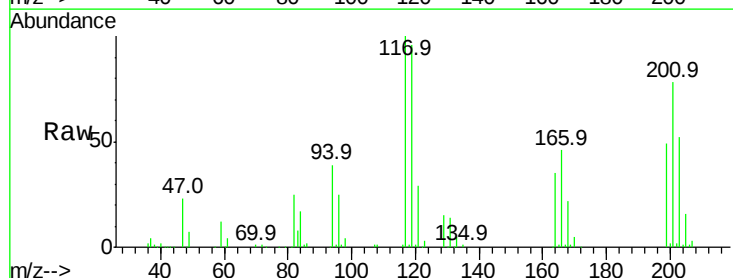
Tgt Ion:117 Resp: 118795

Ion Ratio Lower Upper

117 100

119 95.6 77.4 116.0

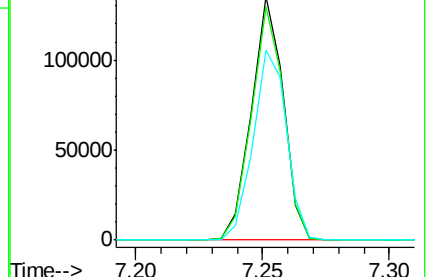
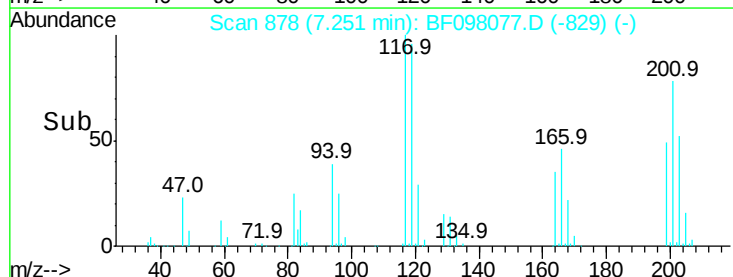
201 77.9 94.6 141.8#

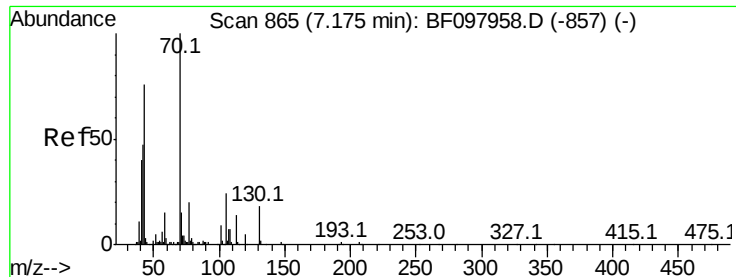


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

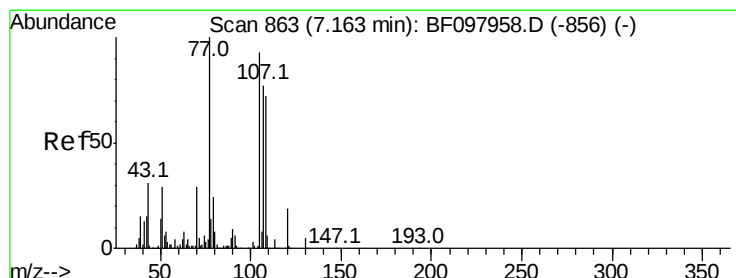
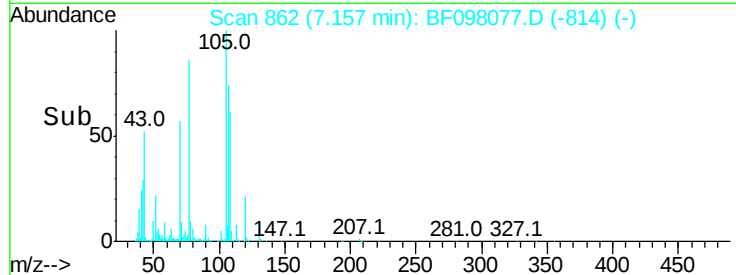
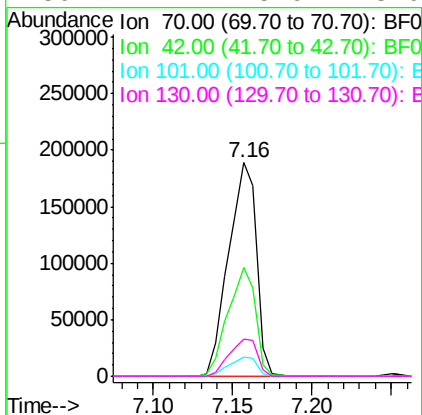
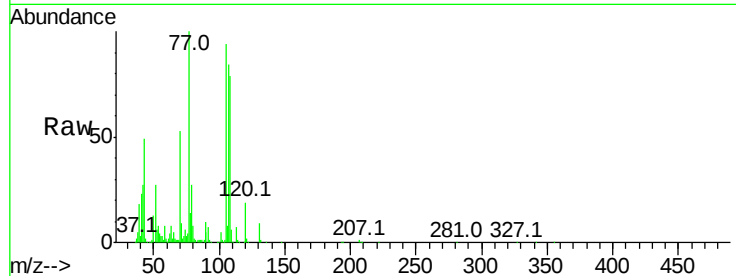




#19
n-Nitroso-di-n-propylamine
Concen: 36.650 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

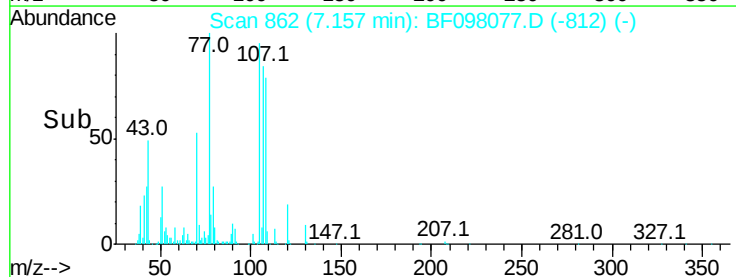
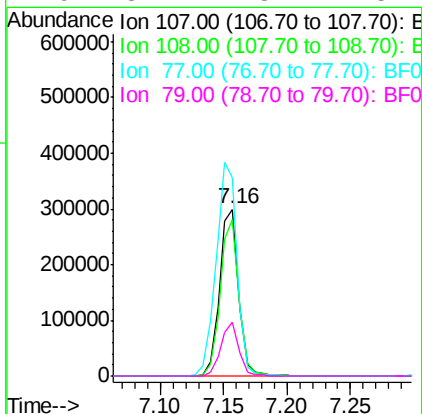
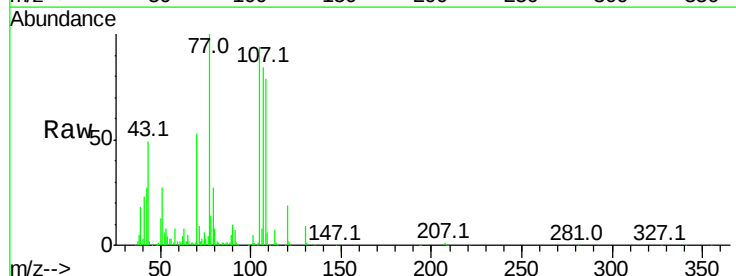
Instrument :
BNA_F
ClientSampleId :
PB101859BSD

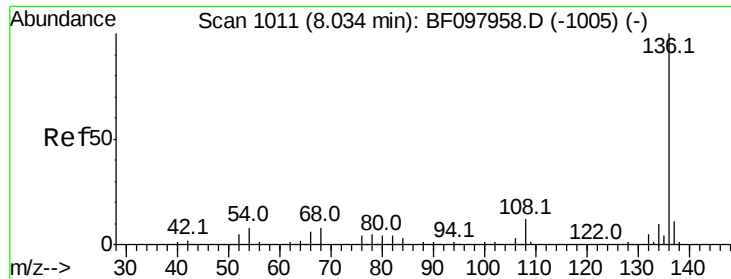
Tot Ion:	70	Resp:	229006
Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.2	70.8
101	9.0	7.2	10.8
130	17.1	15.9	23.9



#20
3+4-Methylphenols
Concen: 41.199 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

Tgt Ion:	107	Resp:	314170
Ion	Ratio	Lower	Upper
107	100		
108	94.1	71.0	111.0
77	119.0	90.5	130.5
79	32.2	8.4	48.4

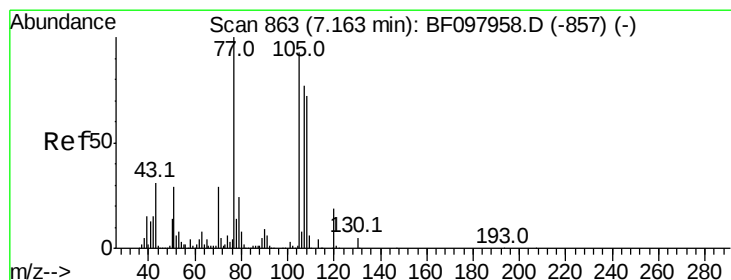
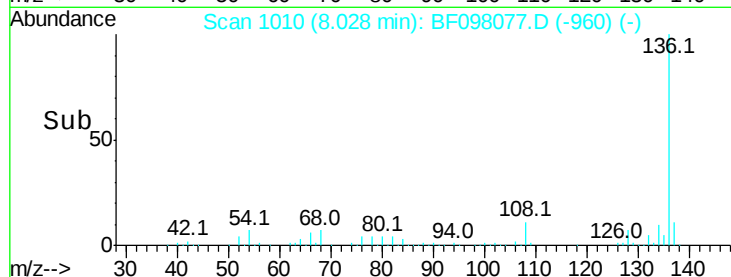
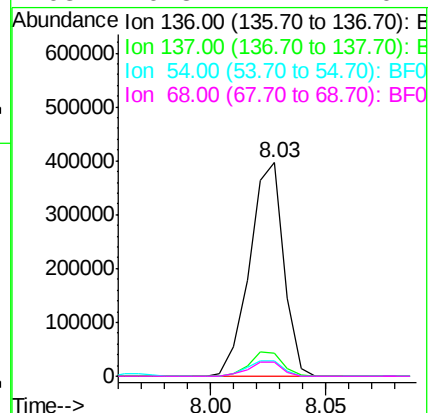
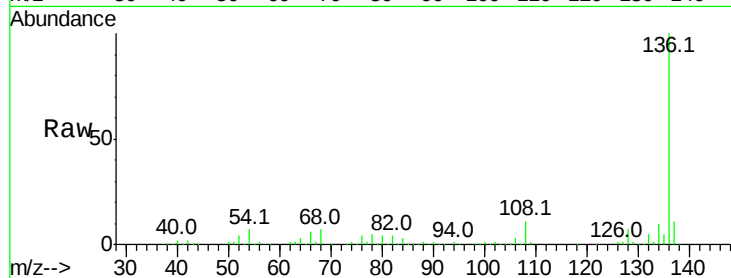




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

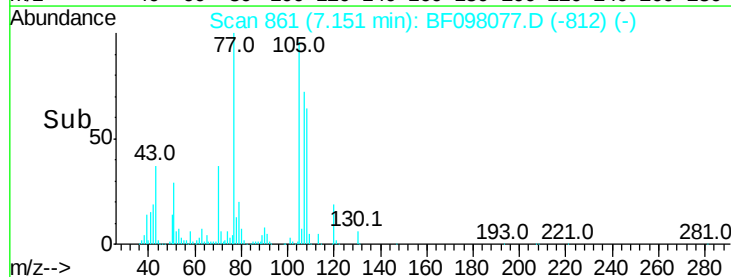
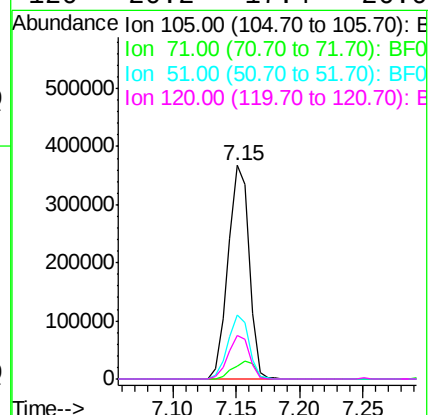
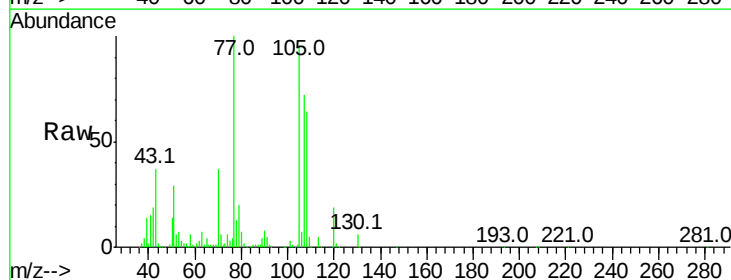
Instrument :
BNA_F
ClientSampleId :
PB101859BSD

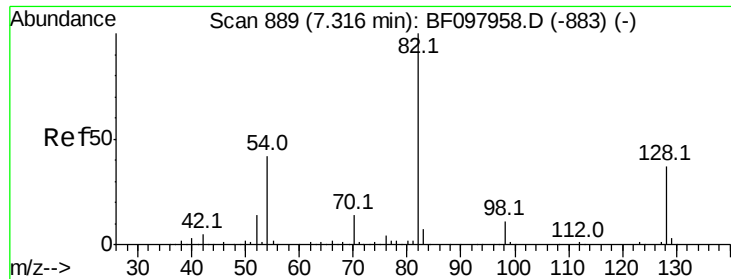
Tot Ion:136	Resp:	408519
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	7.0	4.9 7.3
68	6.8	4.1 6.1#



#22
Acetophenone
Concen: 39.174 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

Tgt Ion:105	Resp:	422766
Ion Ratio	Lower	Upper
105	100	
71	6.2	2.8 4.2#
51	30.2	30.7 46.1#
120	20.2	17.4 26.0

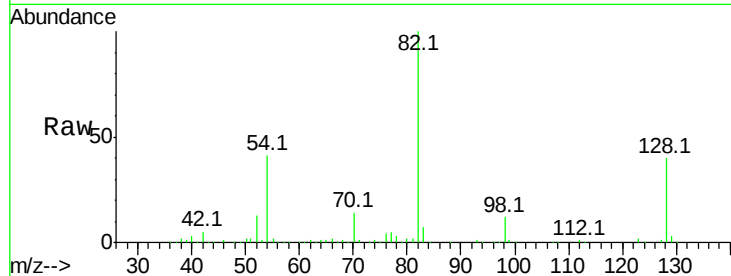




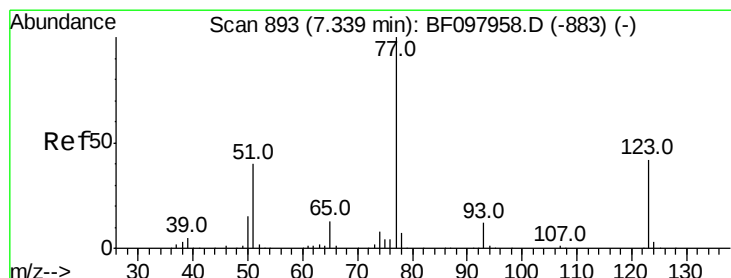
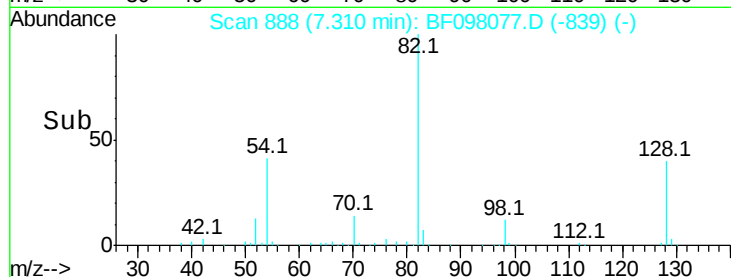
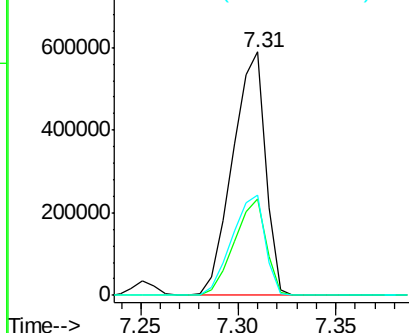
#23
Nitrobenzene-d5
Concen: 91.360 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

Instrument :
BNA_F
ClientSampleId :
PB101859BSD

Tot Ion: 82 Resp: 687022
Ion Ratio Lower Upper
82 100
128 39.5 34.0 51.0
54 41.4 42.2 63.2#

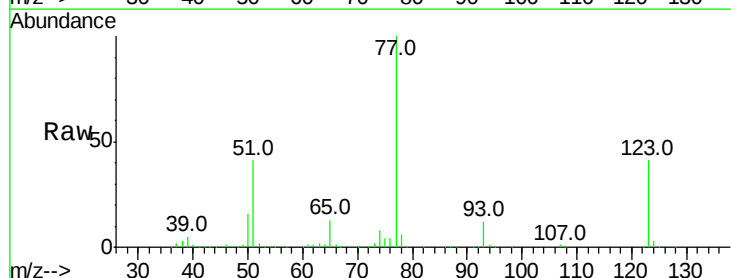


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

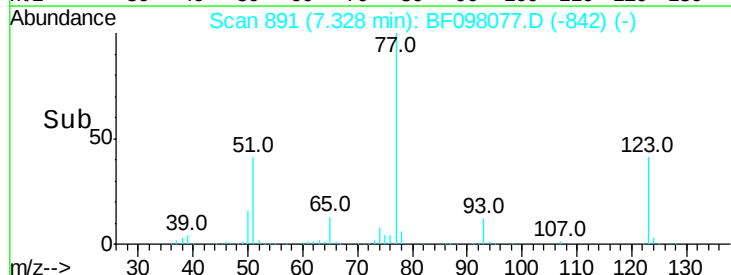
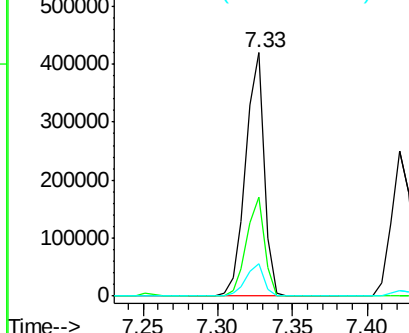


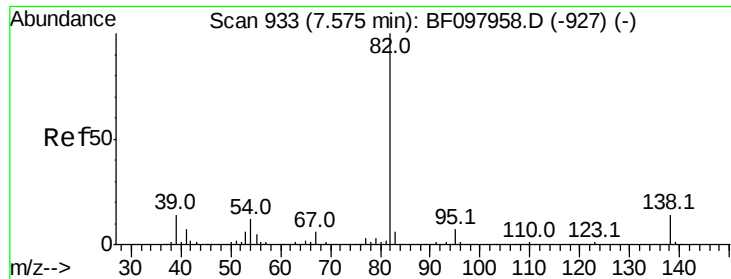
#24
Nitrobenzene
Concen: 43.415 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

Tgt Ion: 77 Resp: 363514
Ion Ratio Lower Upper
77 100
123 40.9 35.8 53.8
65 13.1 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0

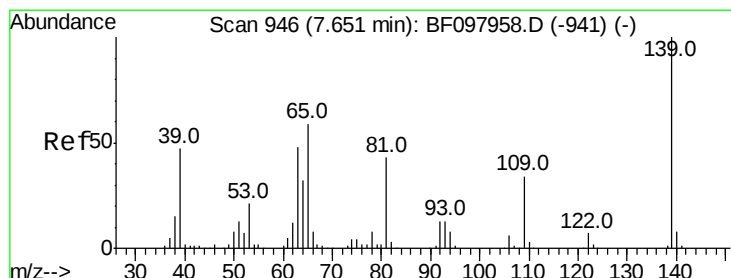
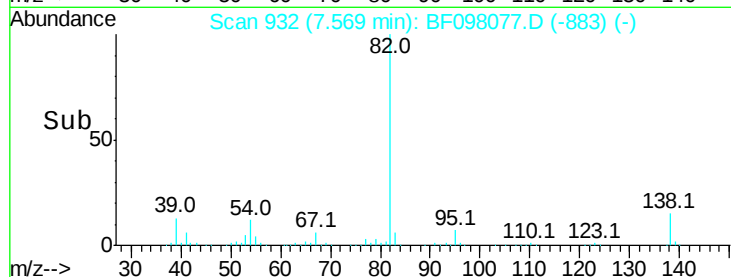
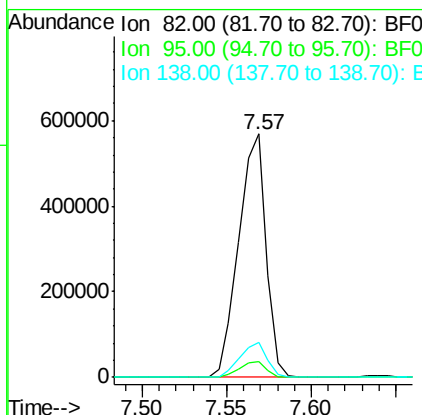
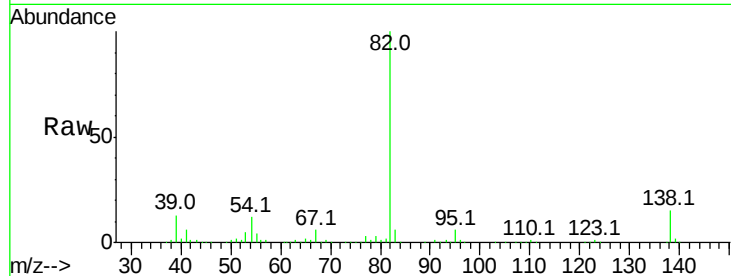




#25
Isophorone
Concen: 41.166 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

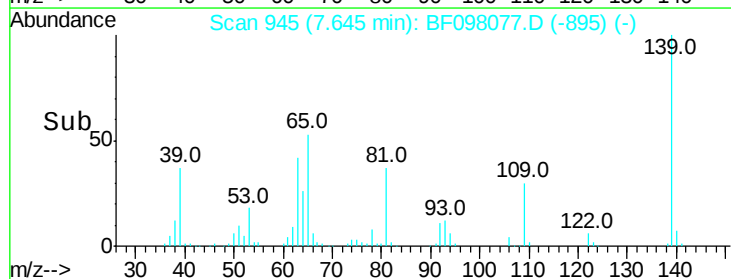
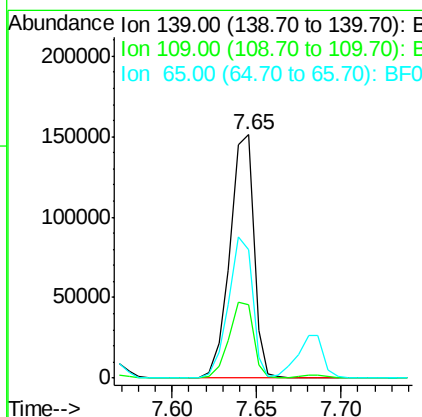
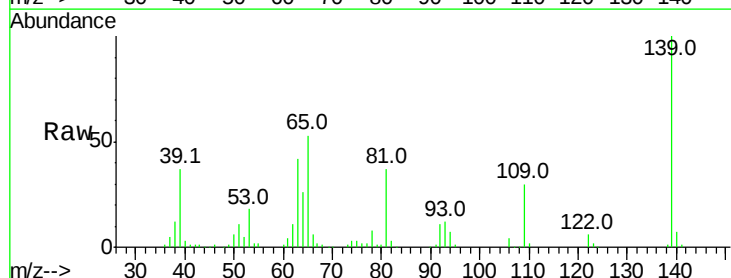
Instrument :
BNA_F
ClientSampleId :
PB101859BSD

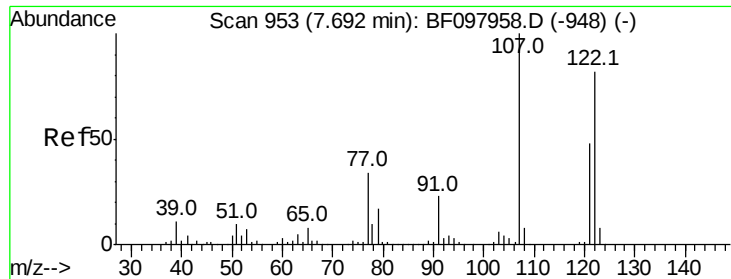
Tot Ion	82	Resp	643707
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.3	7.9
138	14.6	13.1	19.7



#26
2-Nitrophenol
Concen: 49.135 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

Tgt Ion	139	Resp	149475
Ion	Ratio	Lower	Upper
139	100		
109	30.0	21.0	31.6
65	52.6	33.0	49.6#

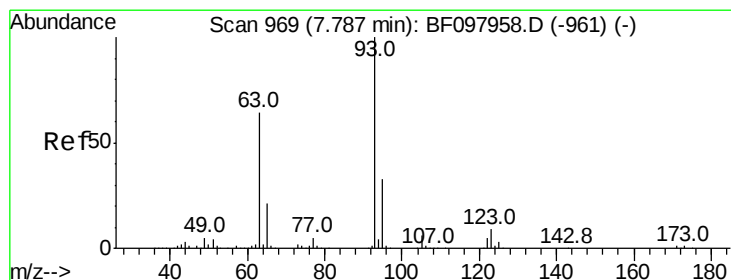
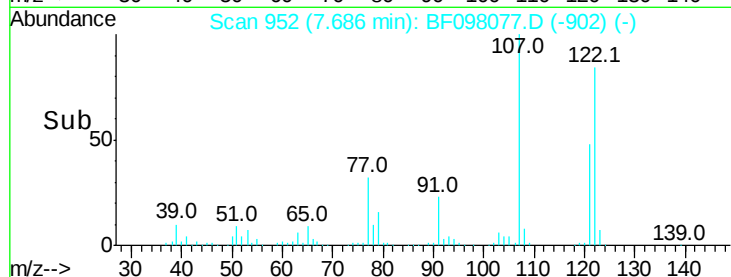
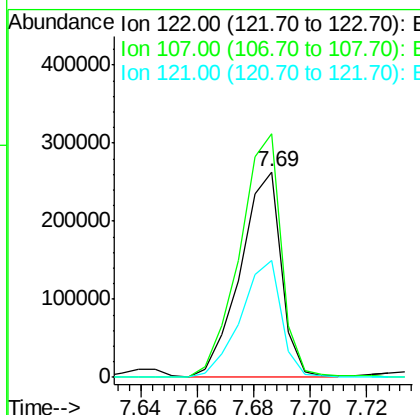
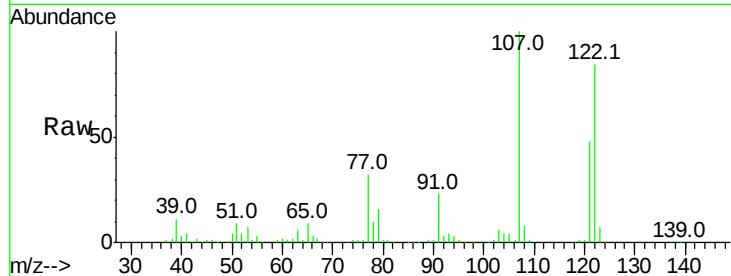




#27
 2,4-Dimethylphenol
 Concen: 40.845 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

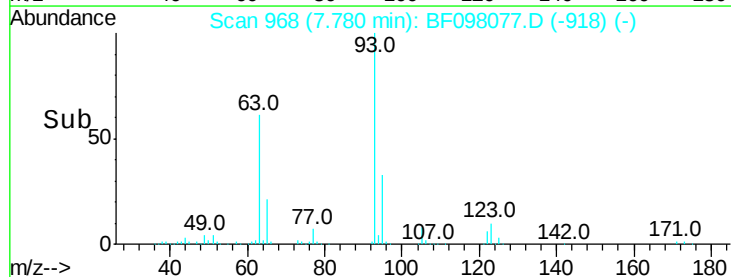
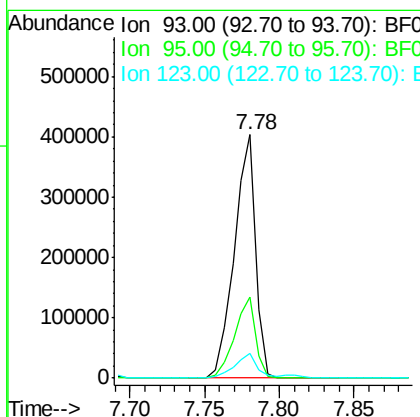
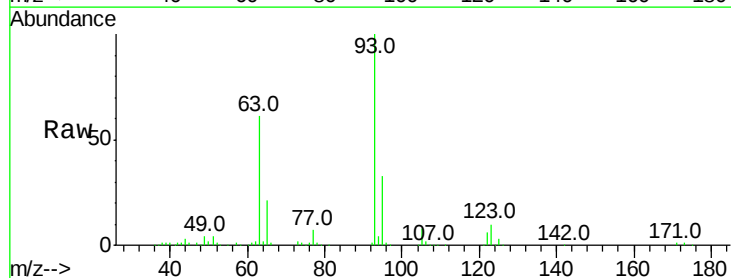
Instrument :
 BNA_F
 ClientSampleId :
 PB101859BSD

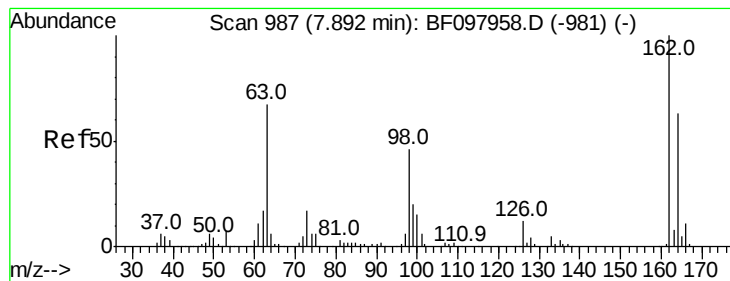
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.6	89.2	133.8
121	57.2	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.261 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	10.1	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 41.774 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

PB101859BSD

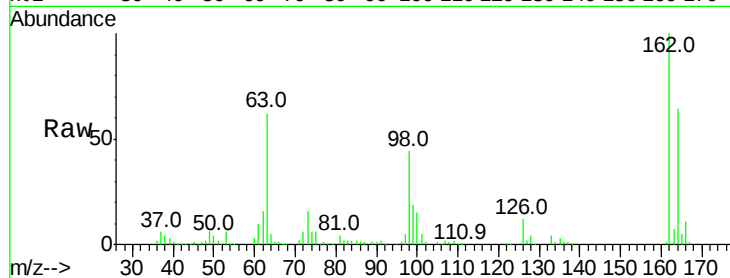
Tot Ion:162 Resp: 226140

Ion Ratio Lower Upper

162 100

164 63.9 44.6 84.6

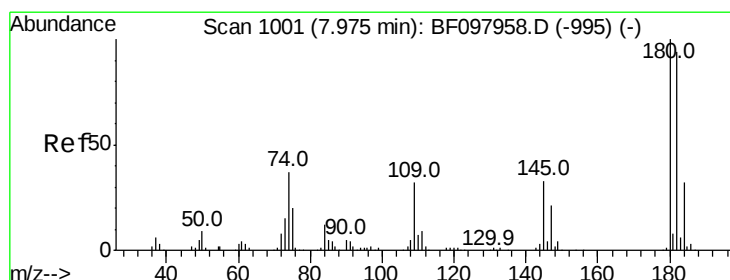
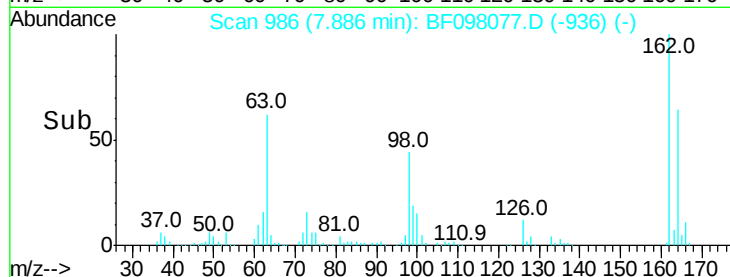
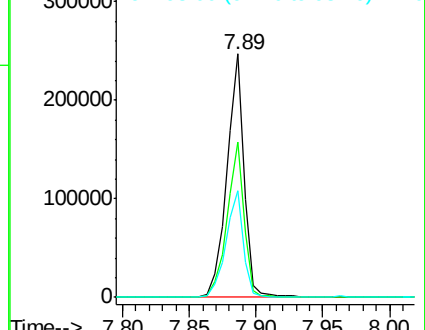
98 43.8 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BFO



#30

1,2,4-Trichlorobenzene

Concen: 38.175 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

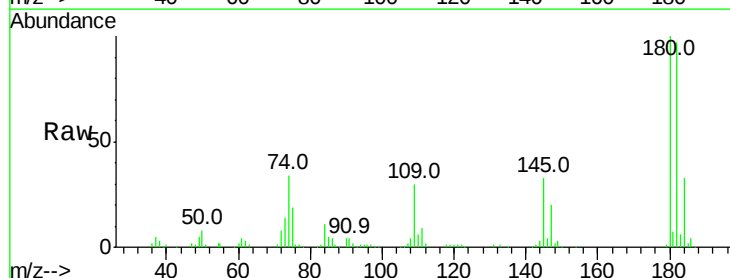
Tgt Ion:180 Resp: 229093

Ion Ratio Lower Upper

180 100

182 96.8 75.8 113.6

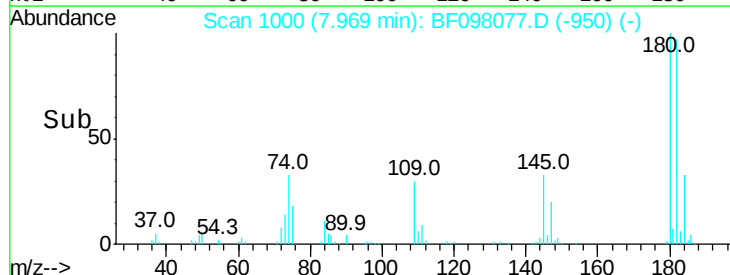
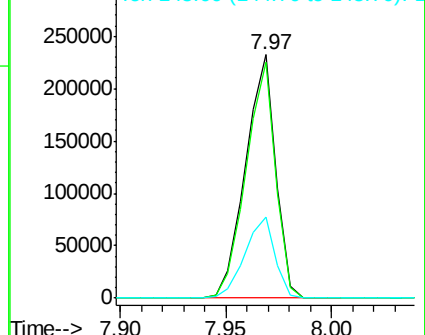
145 33.2 25.3 37.9

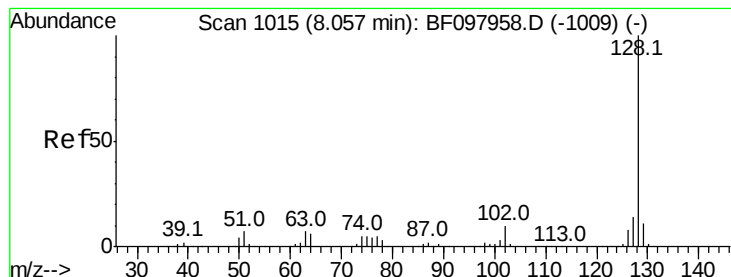


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.987 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

PB101859BSD

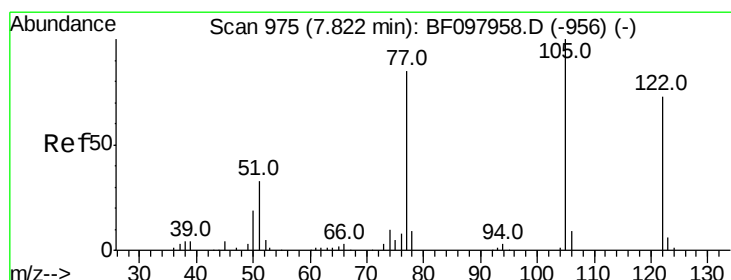
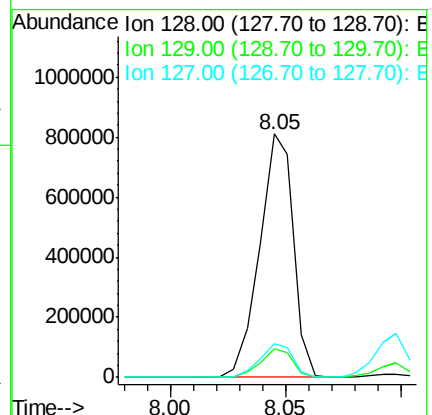
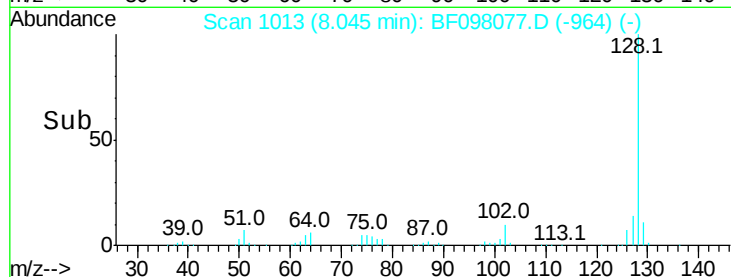
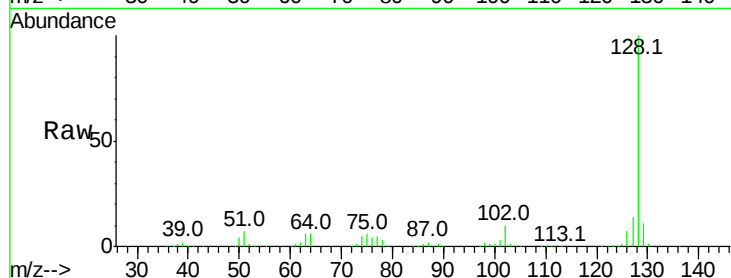
Tot Ion:128 Resp: 826851

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

127 13.8 10.8 16.2



#32

Benzoic acid

Concen: 32.378 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

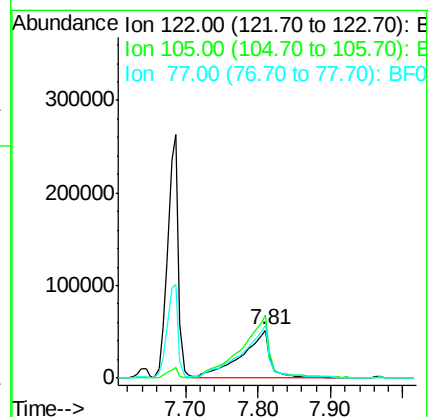
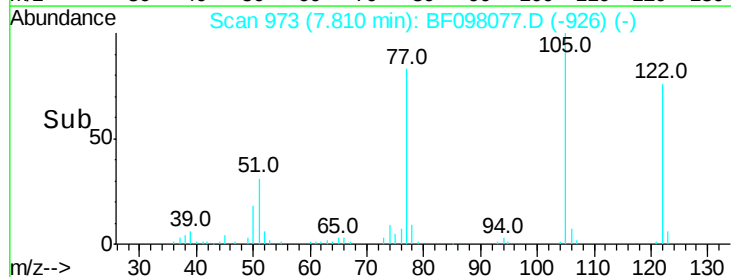
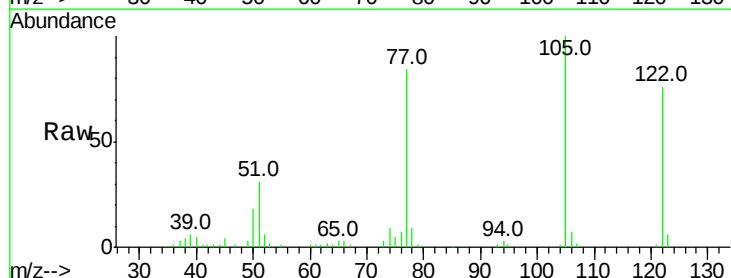
Tgt Ion:122 Resp: 142414

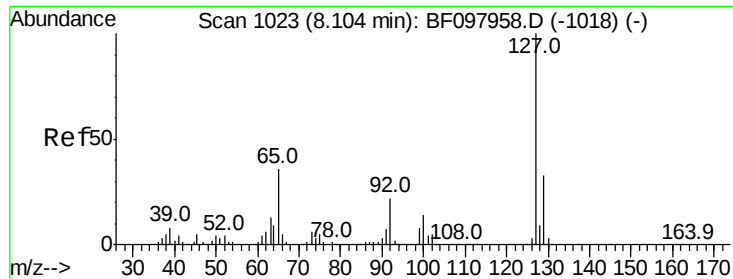
Ion Ratio Lower Upper

122 100

105 131.4 103.3 143.3

77 110.1 73.7 113.7

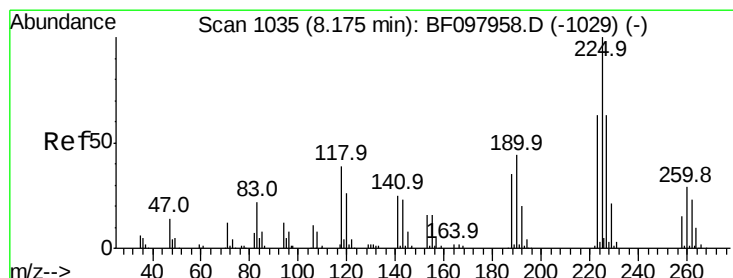
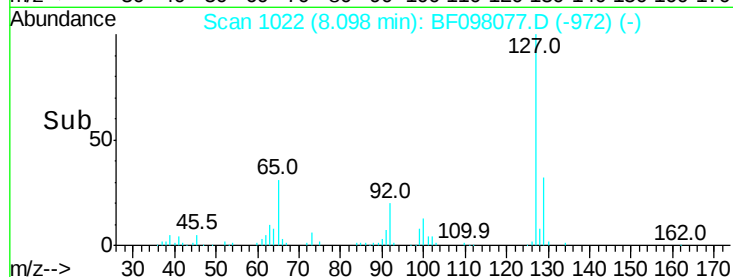
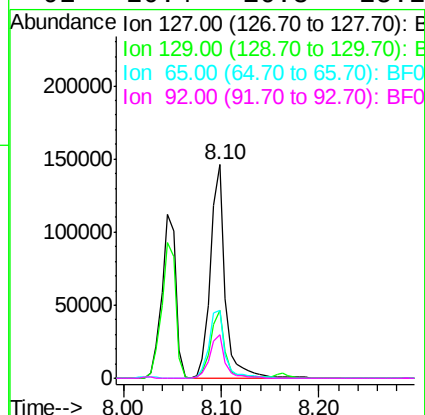
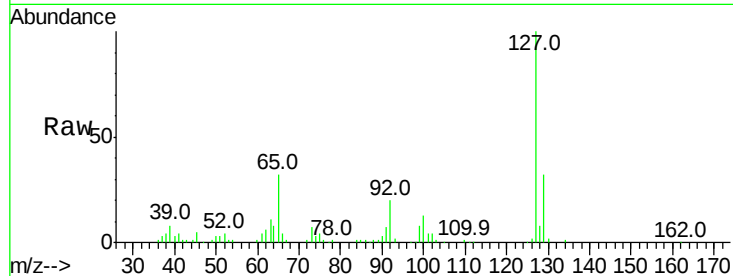




#33
 4-Chloroaniline
 Concen: 17.209 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

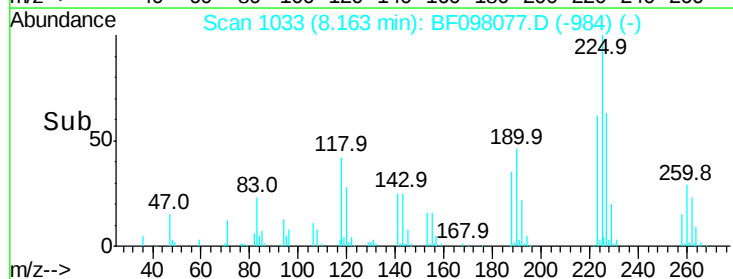
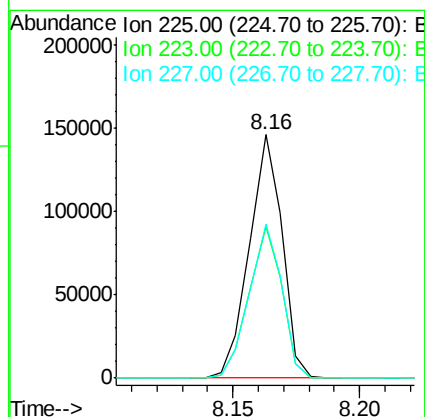
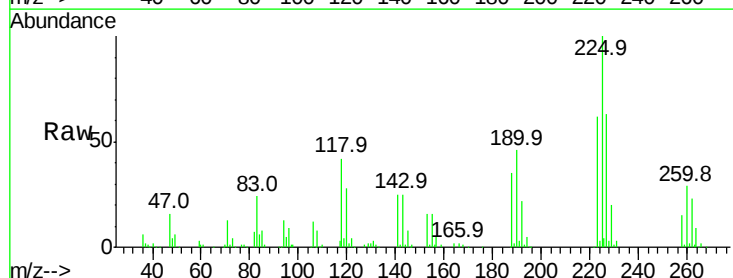
Instrument :
 BNA_F
 ClientSampleId :
 PB101859BSD

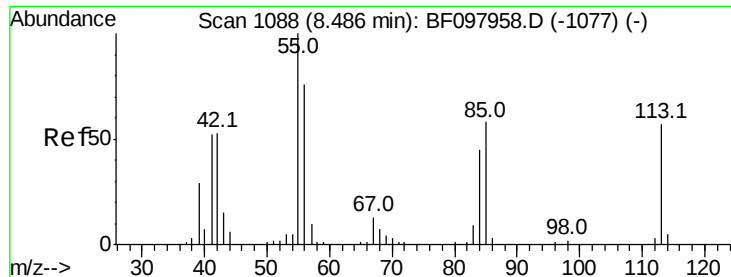
Tot Ion:	127	Resp:	153919
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	31.8	27.8	41.8
92	20.4	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 37.582 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

Tgt Ion:	225	Resp:	131680
Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.8	73.2
227	63.4	51.1	76.7





#35

Caprolactam

Concen: 10.927 ng

RT: 8.50 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

PB101859BSD

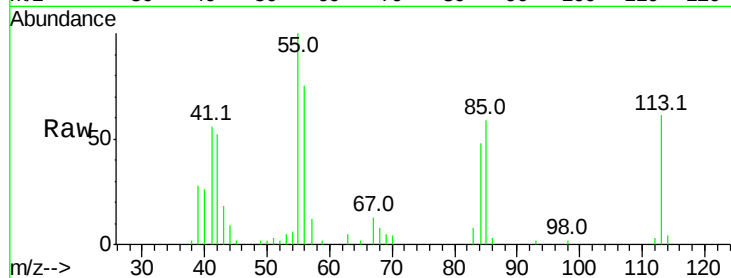
Tot Ion:113 Resp: 20109

Ion Ratio Lower Upper

113 100

55 164.1 150.2 190.2

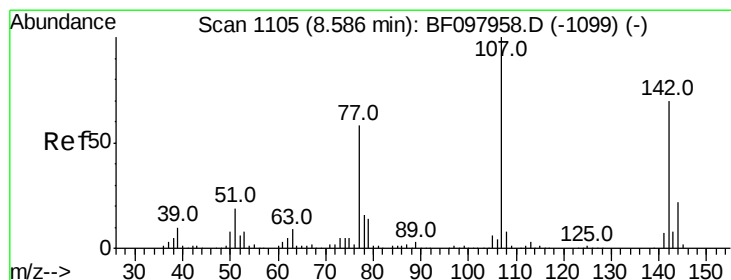
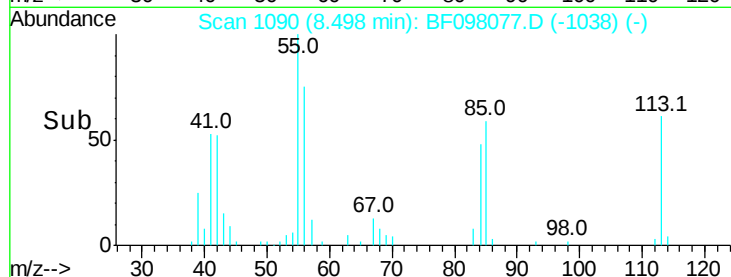
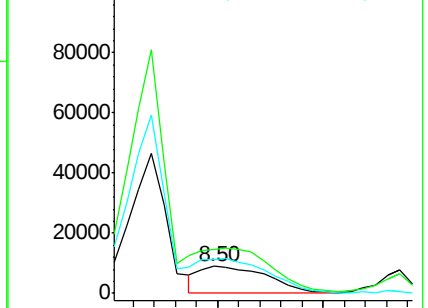
56 123.1 107.8 147.8



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: 40.097 ng

RT: 8.59 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

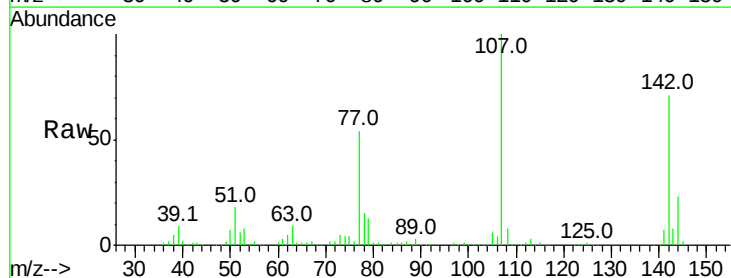
Tgt Ion:107 Resp: 278881

Ion Ratio Lower Upper

107 100

144 22.7 24.2 36.4#

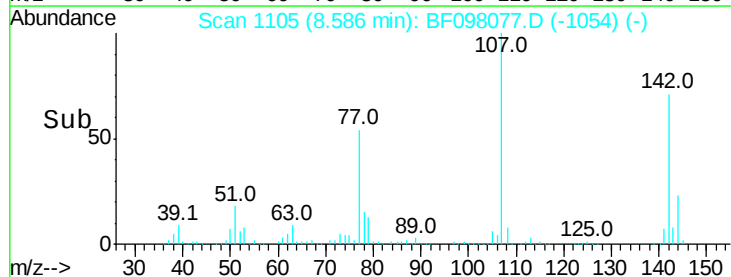
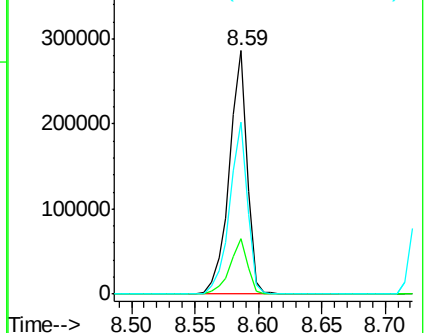
142 70.7 73.4 110.0#

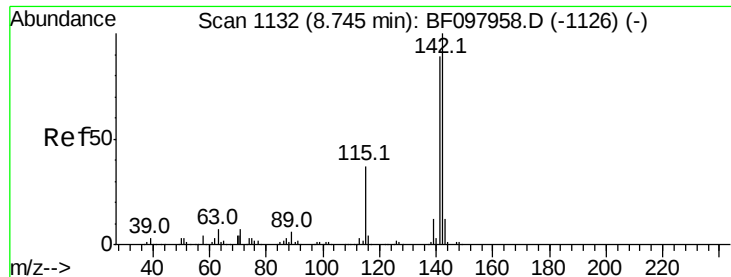


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.404 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

PB101859BSD

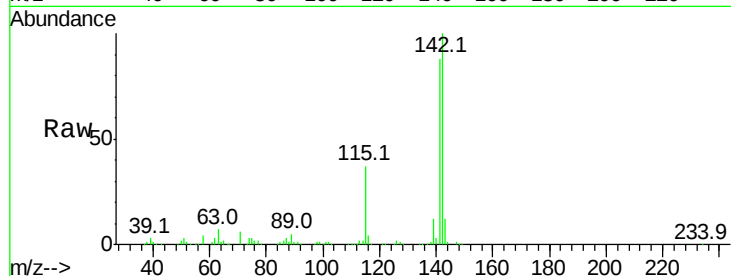
Tot Ion:142 Resp: 538361

Ion Ratio Lower Upper

142 100

141 87.8 71.3 106.9

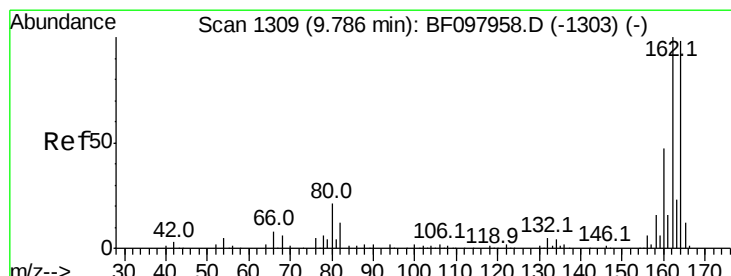
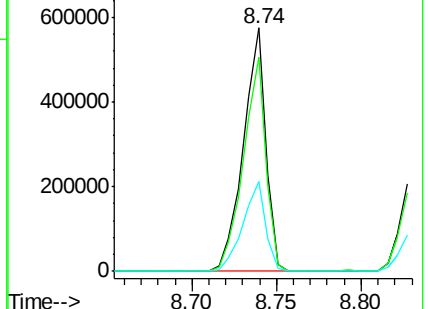
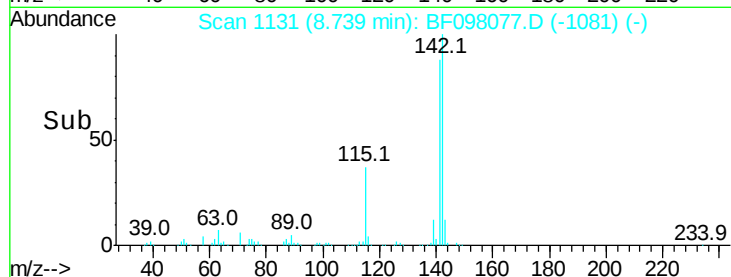
115 36.9 27.1 40.7



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: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

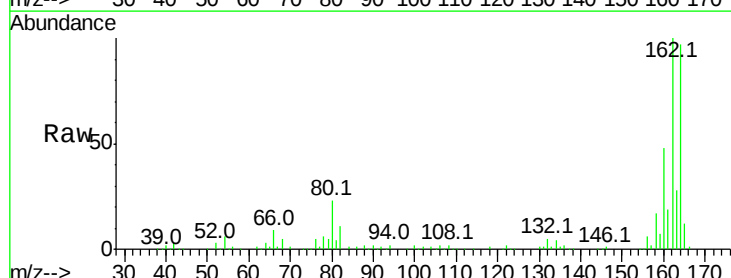
Tgt Ion:164 Resp: 179317

Ion Ratio Lower Upper

164 100

162 102.7 82.6 123.8

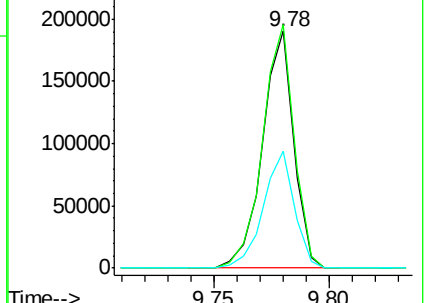
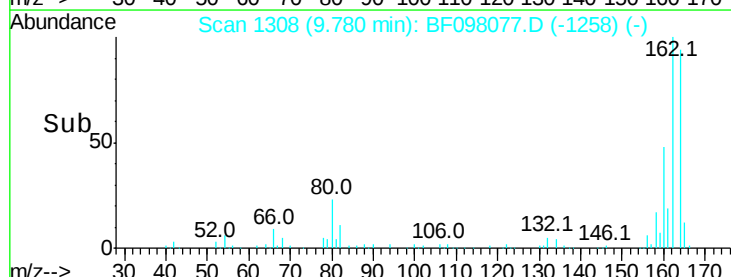
160 49.5 36.2 54.2

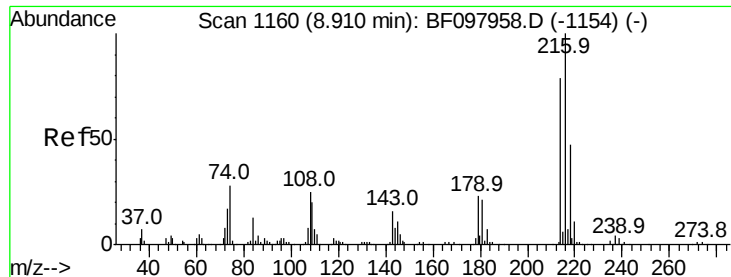


Abundance Ion 164.00 (163.70 to 164.70): E

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: 38.691 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

PB101859BSD

Tot Ion:216 Resp: 212922

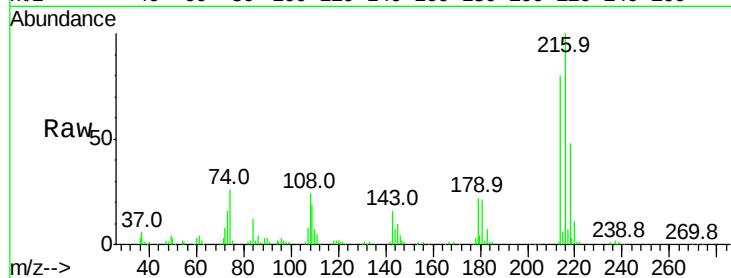
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 21.6 17.9 26.9

108 26.9 16.5 24.7#

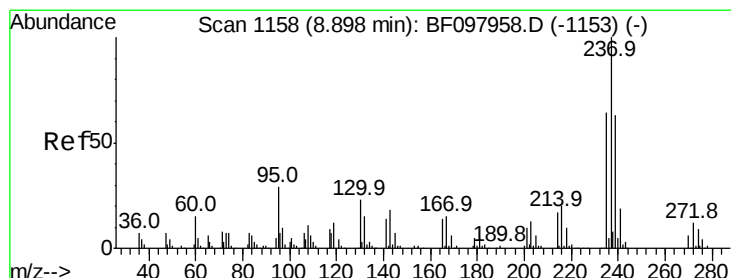
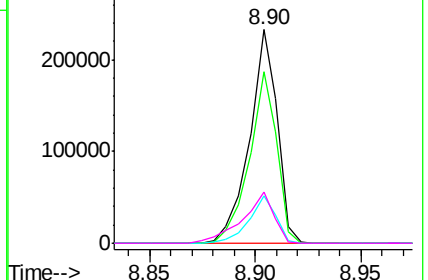
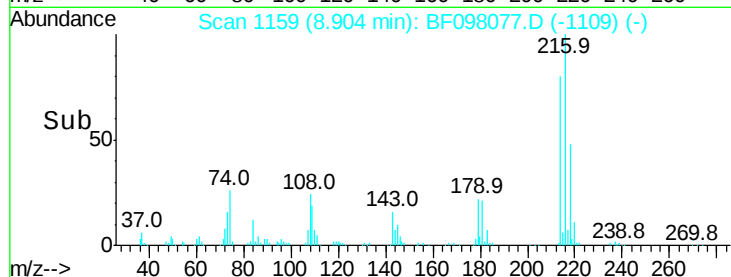


Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.238 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

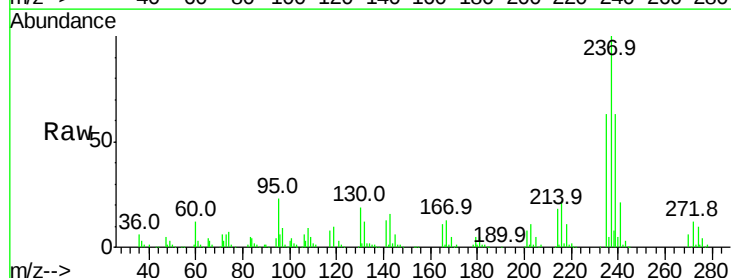
Tgt Ion:237 Resp: 235926

Ion Ratio Lower Upper

237 100

235 62.6 42.6 82.6

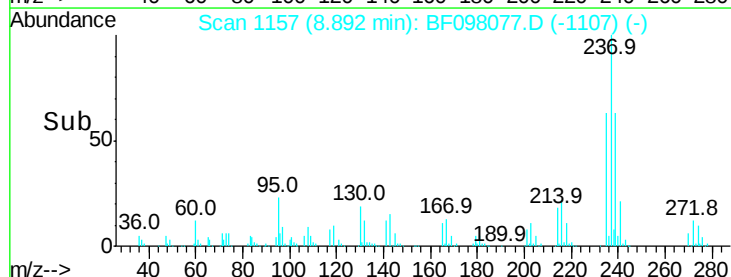
272 12.4 0.0 31.9



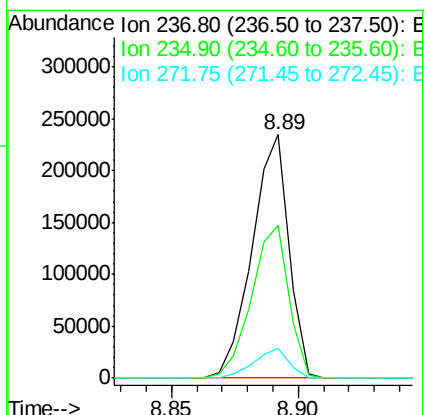
Abundance Ion 236.80 (236.50 to 237.50): E

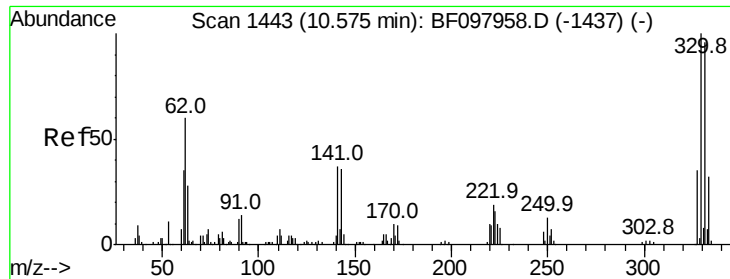
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

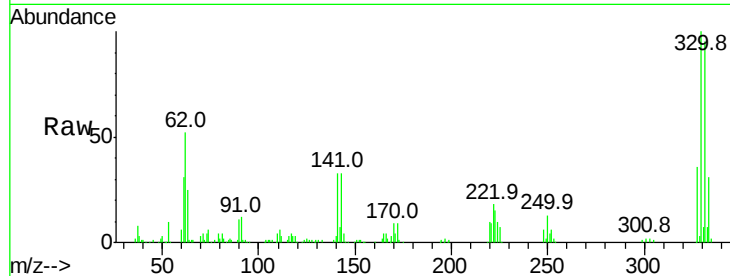




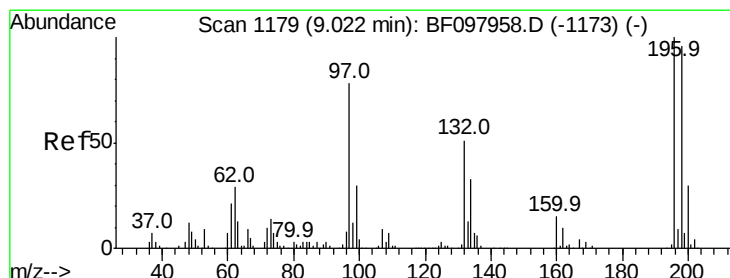
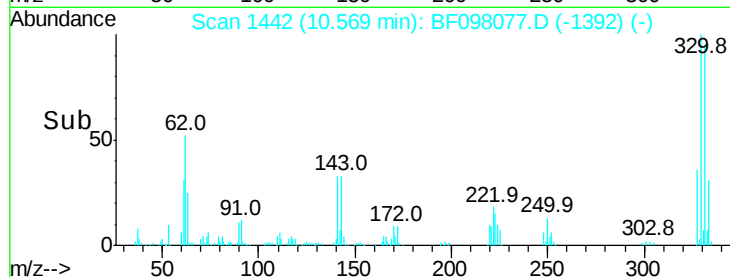
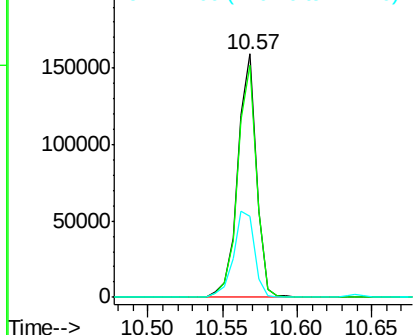
#41
 2,4,6-Tribromophenol
 Concen: 89.632 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

Instrument :
 BNA_F
 ClientSampleId :
 PB101859BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	40.4	31.4	47.2

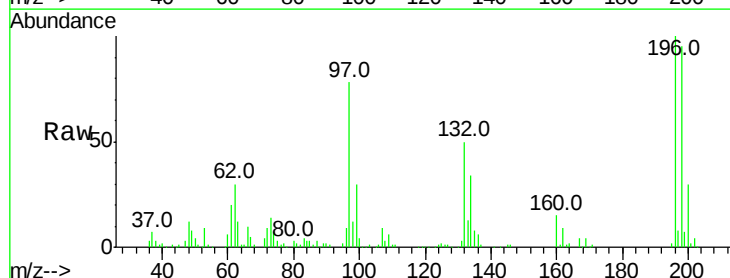


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

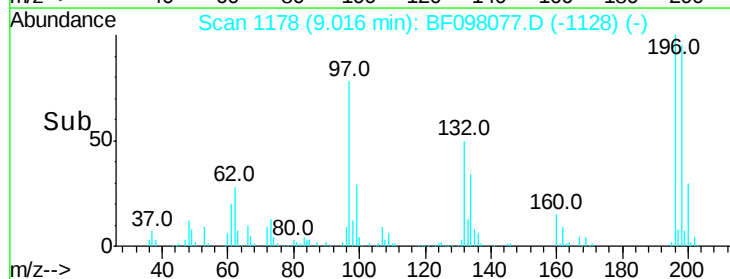
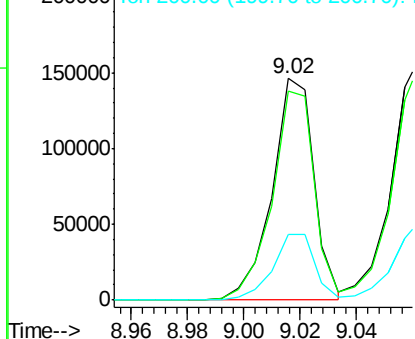


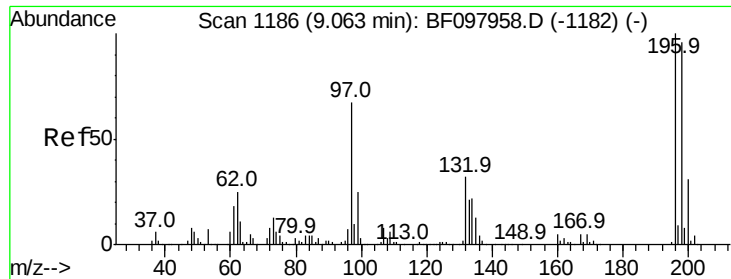
#42
 2,4,6-Trichlorophenol
 Concen: 40.715 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	74.2	111.4
200	29.9	24.0	36.0



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

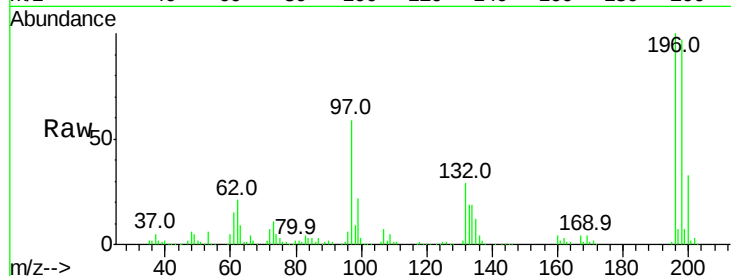




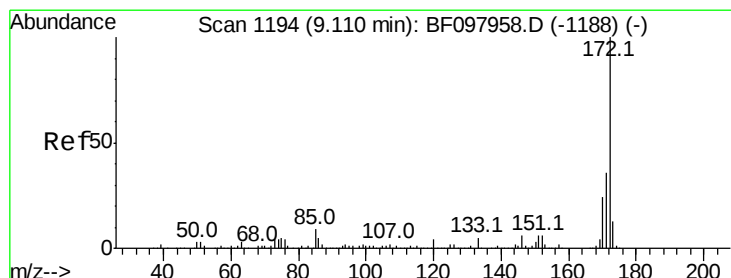
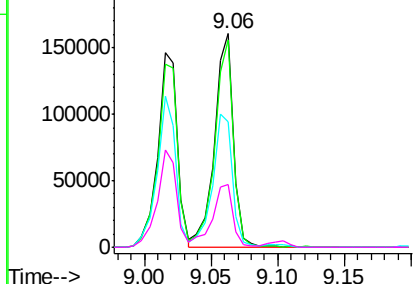
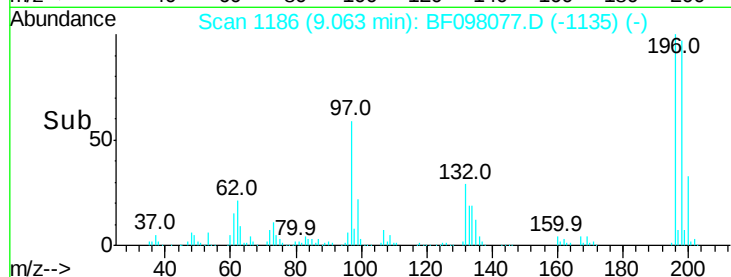
#43
 2,4,5-Trichlorophenol
 Concen: 43.917 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

Instrument :
 BNA_F
 ClientSampleId :
 PB101859BSD

Tot Ion:	196	Resp:	160973
Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.7	113.5
97	58.7	47.7	71.5
132	29.5	28.0	42.0

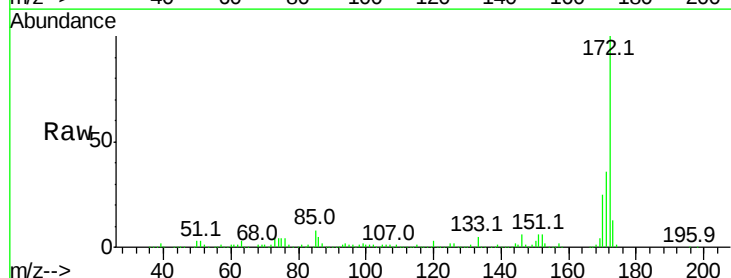


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

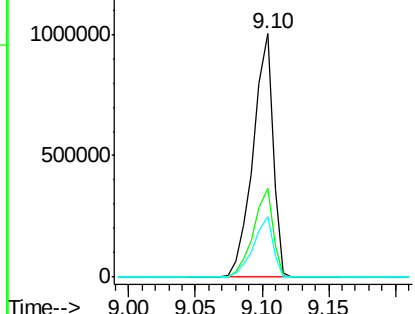
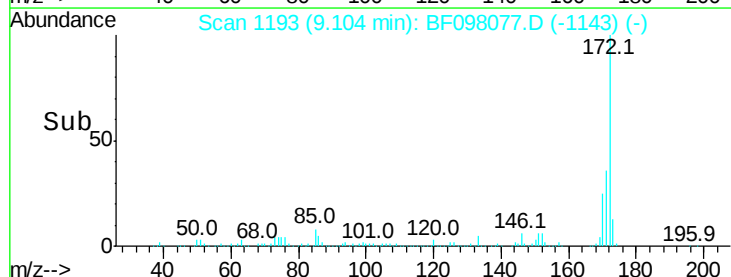


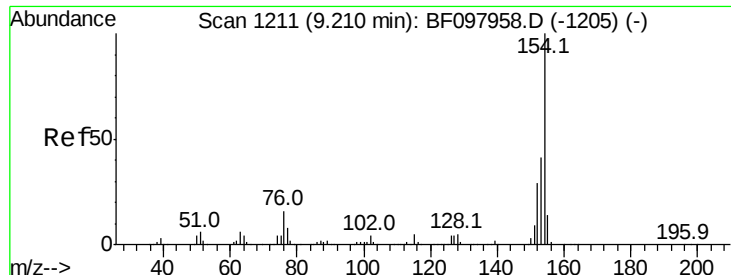
#44
 2-Fluorobiphenyl
 Concen: 83.481 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

Tgt Ion:	172	Resp:	1018884
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.8	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 38.359 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

PB101859BSD

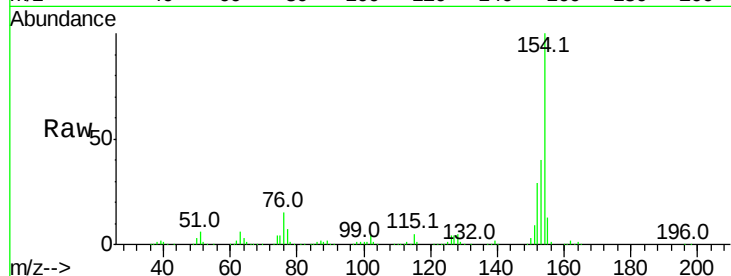
Tot Ion:154 Resp: 627247

Ion Ratio Lower Upper

154 100

153 40.1 21.2 61.2

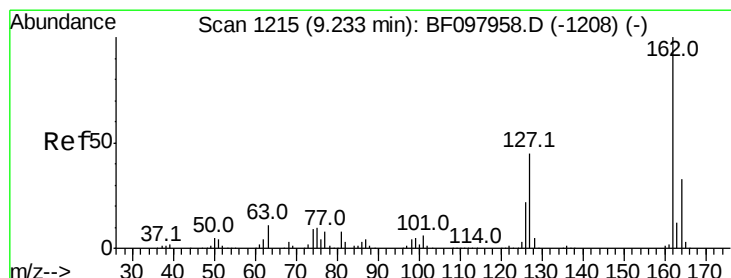
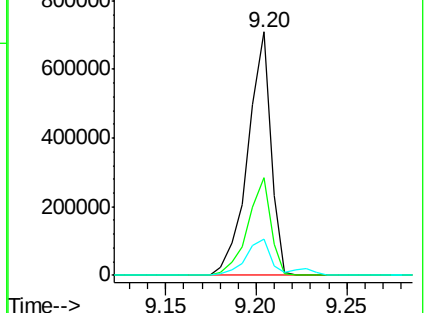
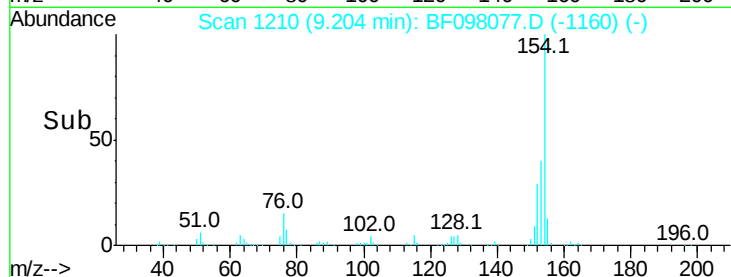
76 14.9 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.018 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

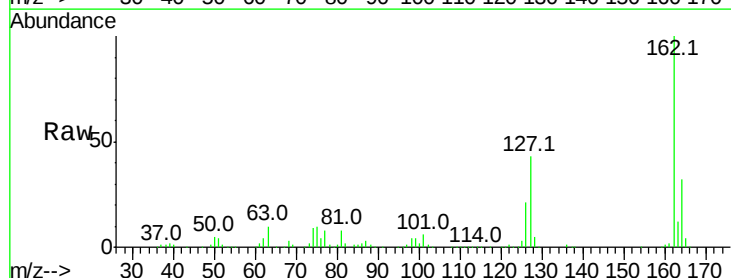
Tgt Ion:162 Resp: 471415

Ion Ratio Lower Upper

162 100

127 43.1 28.3 42.5#

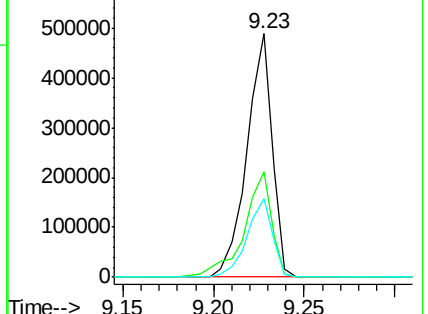
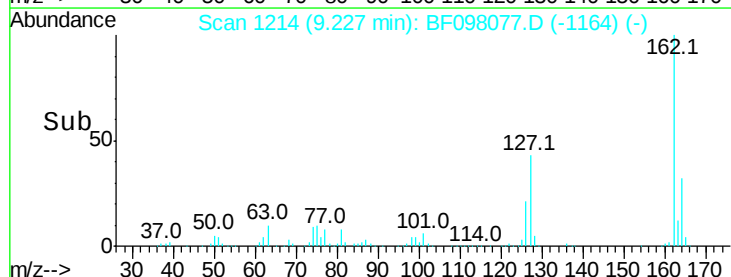
164 32.3 27.0 40.4

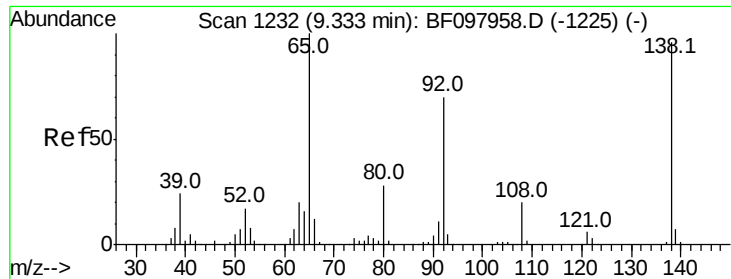


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

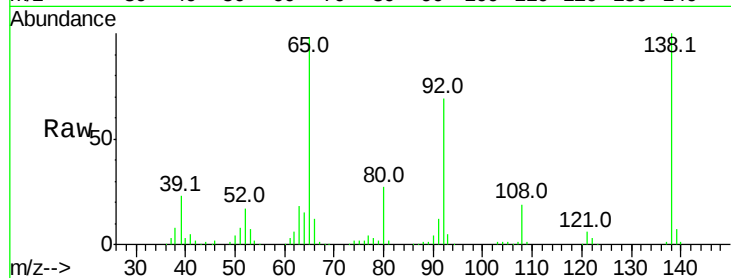




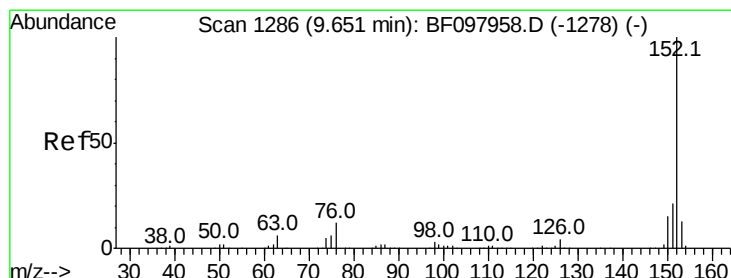
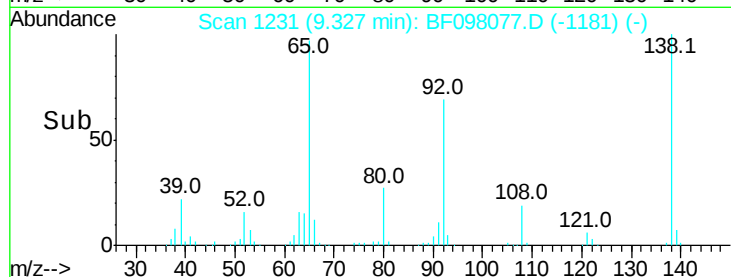
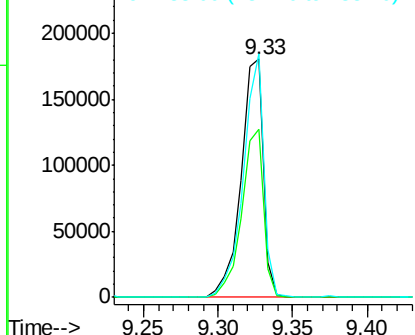
#47
2-Nitroaniline
Concen: 46.326 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

Instrument :
BNA_F
ClientSampleId :
PB101859BSD

Tot Ion: 65 Resp: 187639
Ion Ratio Lower Upper
65 100
92 70.7 53.9 80.9
138 102.3 78.8 118.2

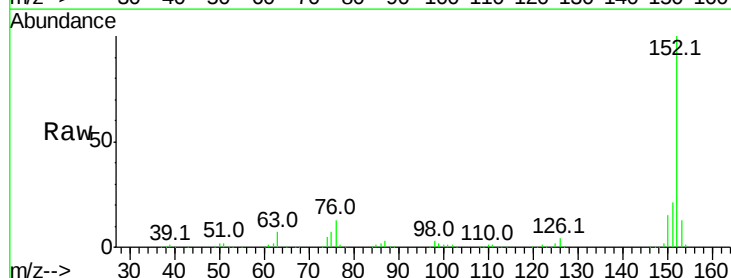


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

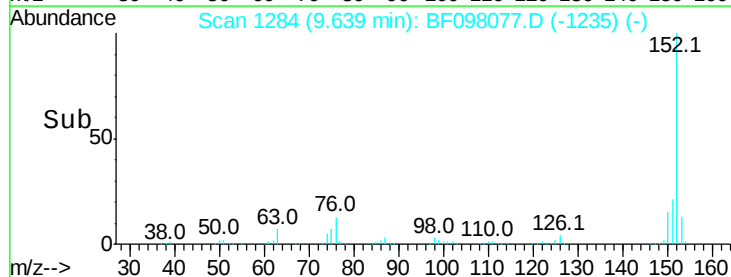
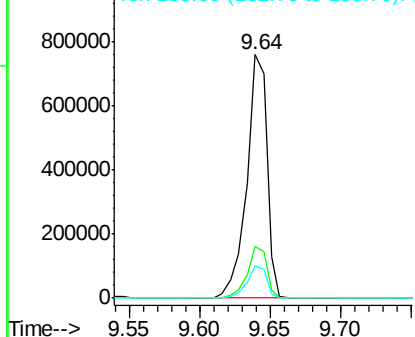


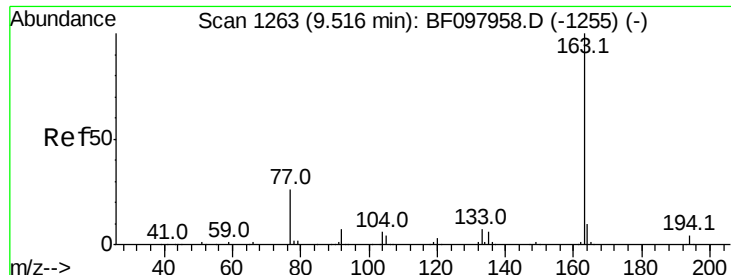
#48
Acenaphthylene
Concen: 40.336 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

Tgt Ion: 152 Resp: 765296
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 13.4 10.8 16.2



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

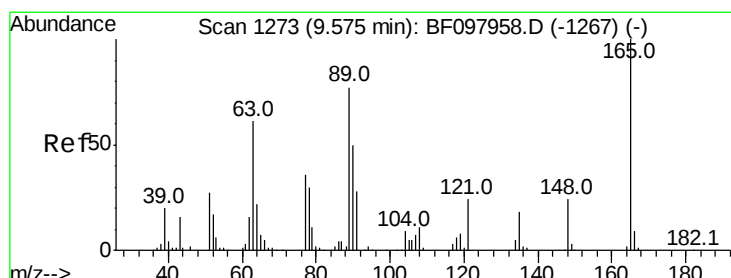
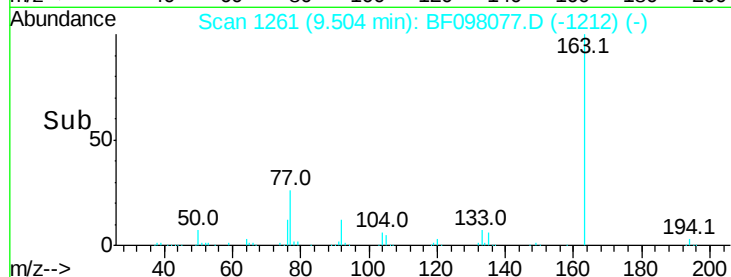
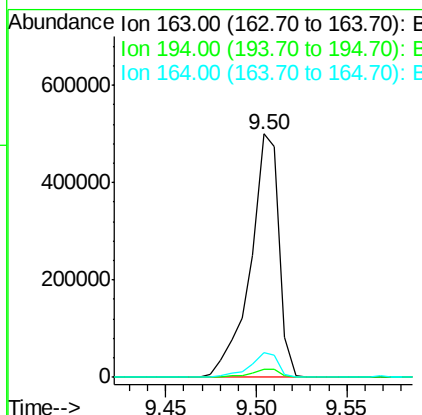
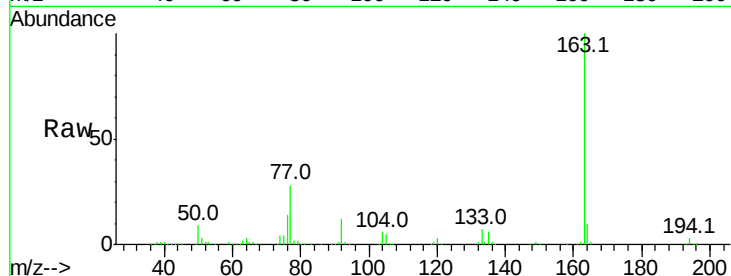




#49
 Dimethylphthalate
 Concen: 41.742 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

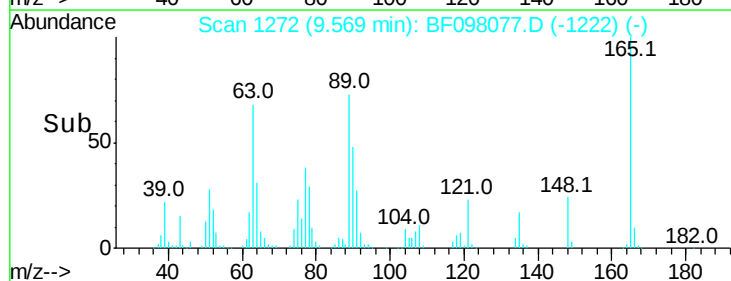
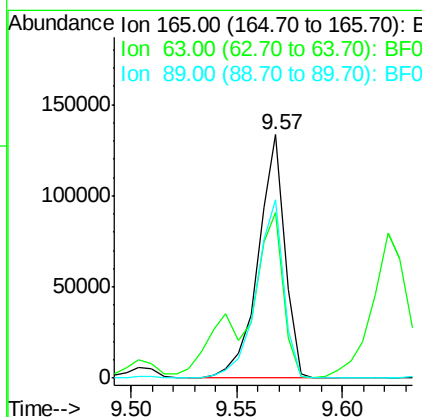
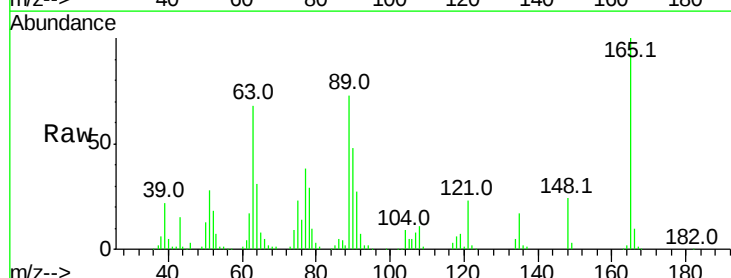
Instrument :
 BNA_F
 ClientSampleId :
 PB101859BSD

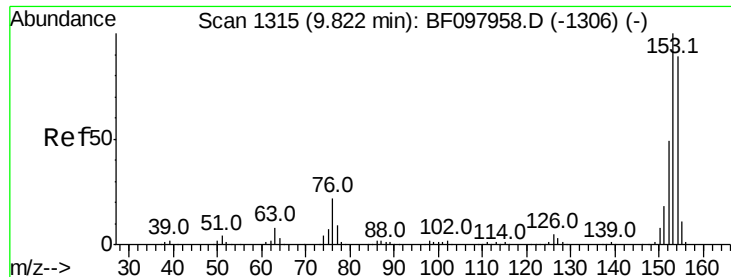
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.3	8.4	12.6



#50
 2,6-Dinitrotoluene
 Concen: 45.013 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.2	34.3	51.5#
89	73.0	37.1	55.7#





#51

Acenaphthene

Concen: 37.730 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

PB101859BSD

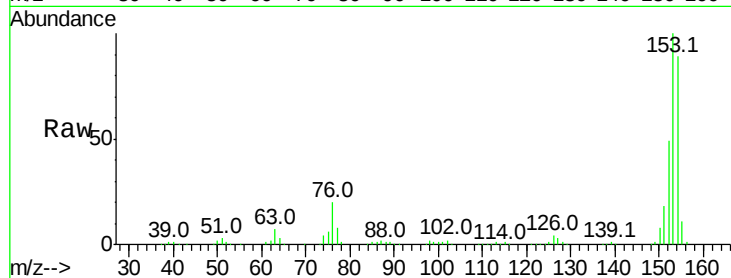
Tot Ion:154 Resp: 451485

Ion Ratio Lower Upper

154 100

153 112.8 90.5 135.7

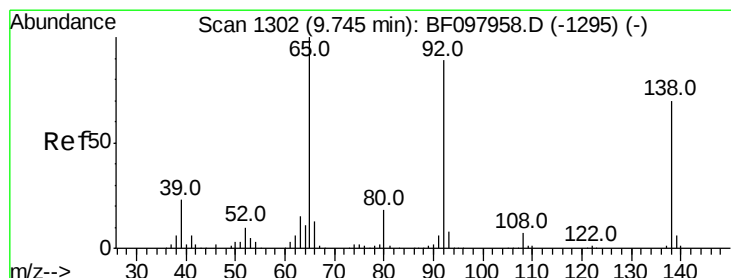
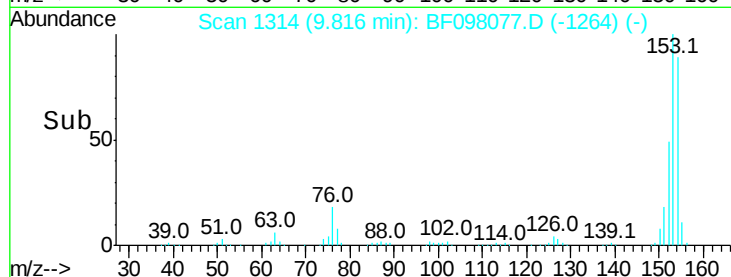
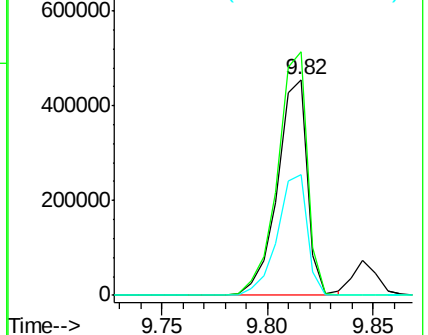
152 55.8 43.6 65.4



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: 24.707 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

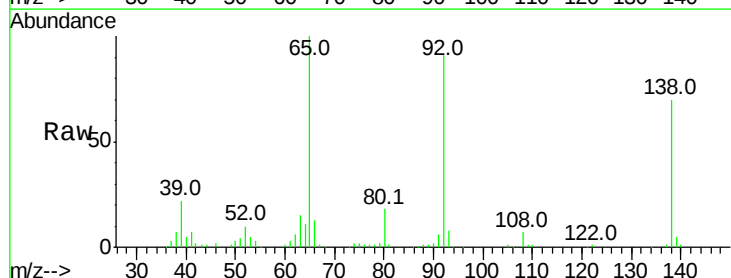
Tgt Ion:138 Resp: 83403

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

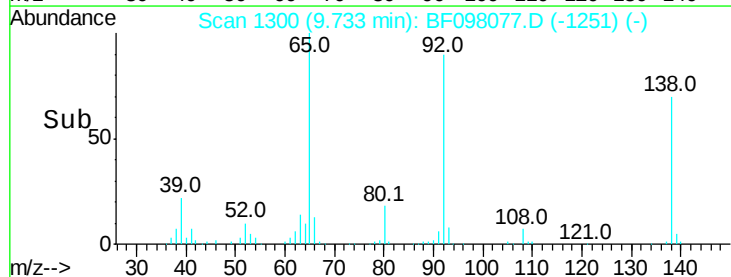
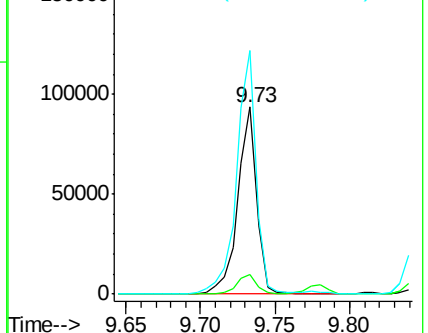
92 130.1 93.8 140.6



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

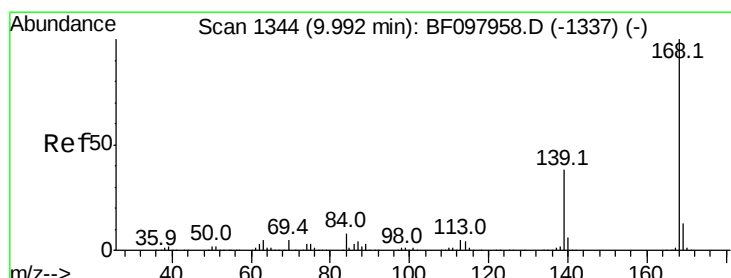
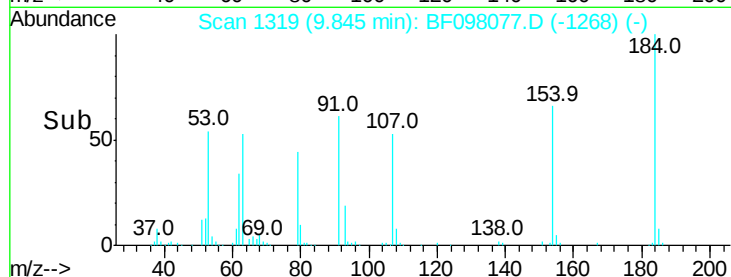
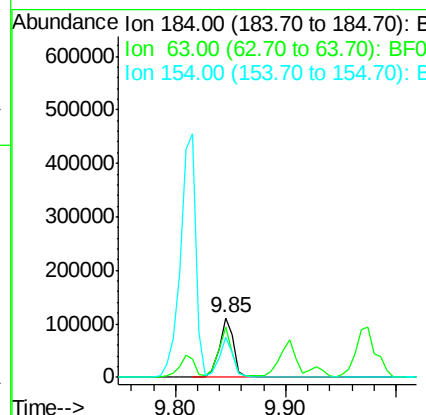
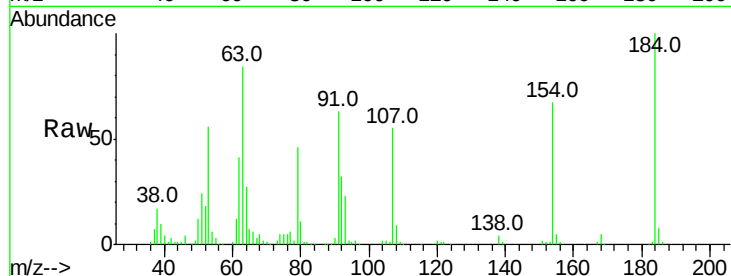




#53
 2,4-Dinitrophenol
 Concen: 82.122 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

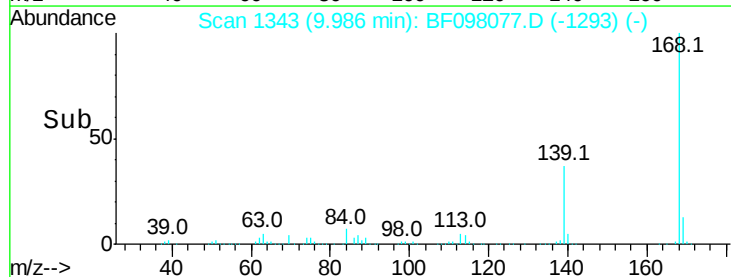
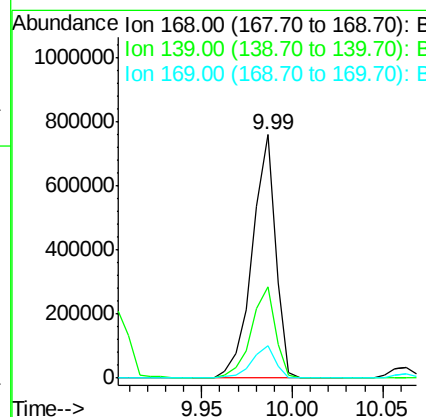
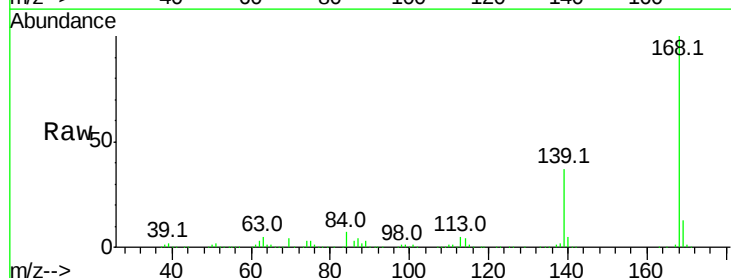
Instrument :
 BNA_F
 ClientSampleId :
 PB101859BSD

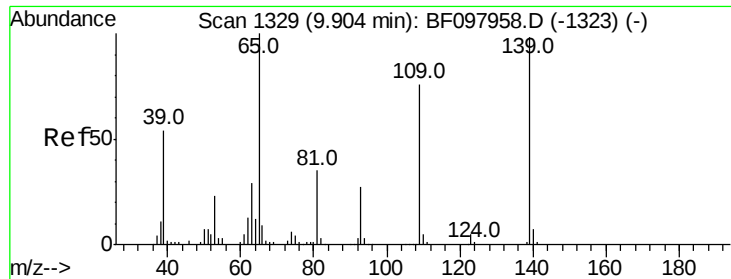
Tot Ion:184 Resp: 102591
 Ion Ratio Lower Upper
 184 100
 63 84.4 62.7 94.1
 154 66.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 42.517 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

Tgt Ion:168 Resp: 681867
 Ion Ratio Lower Upper
 168 100
 139 37.3 30.6 45.8
 169 13.3 10.8 16.2

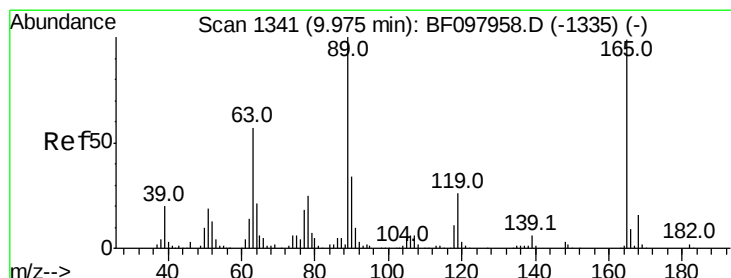
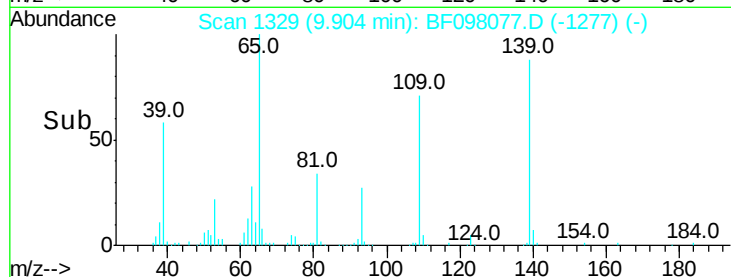
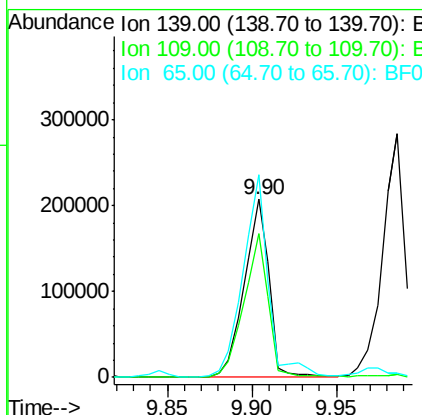
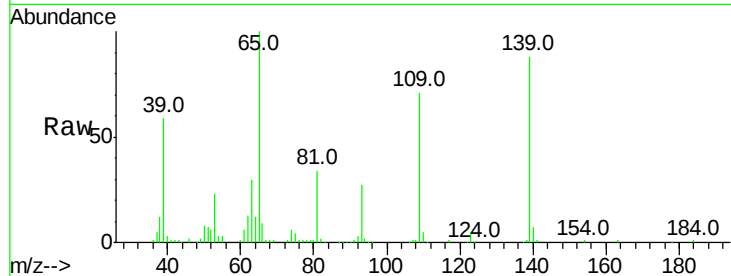




#55
4-Nitrophenol
Concen: 79.134 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

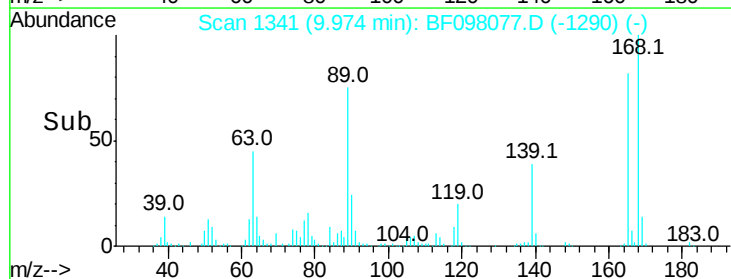
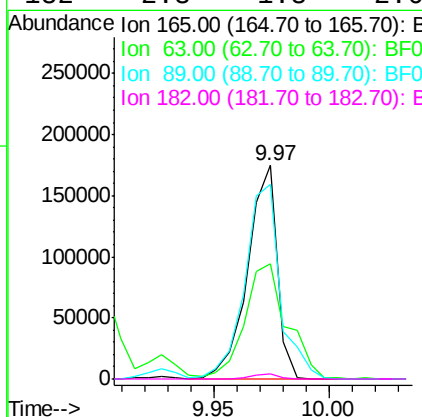
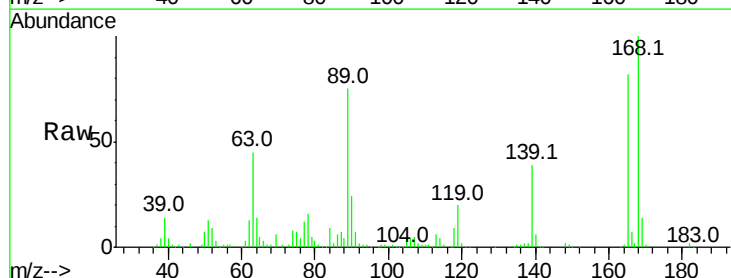
Instrument :
BNA_F
ClientSampleId :
PB101859BSD

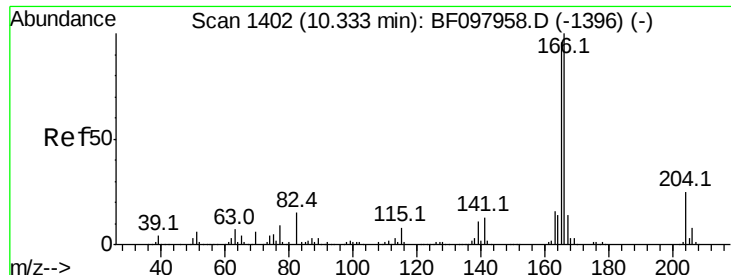
Tot Ion	Ratio	Lower	Upper
139	100		
109	80.7	34.1	74.1#
65	113.7	31.4	71.4#



#56
2,4-Dinitrotoluene
Concen: 47.750 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.0	25.4	38.0#
89	91.3	46.4	69.6#
182	2.3	1.8	2.6

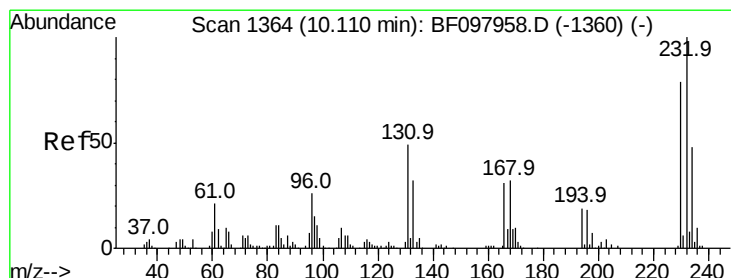
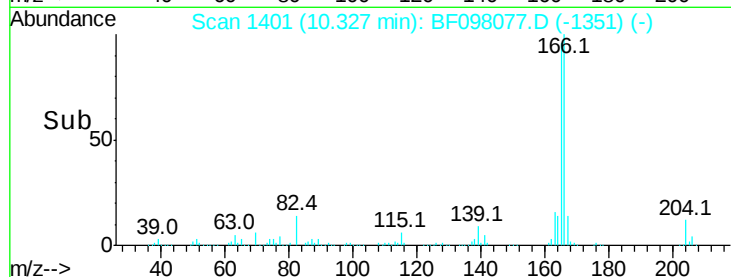
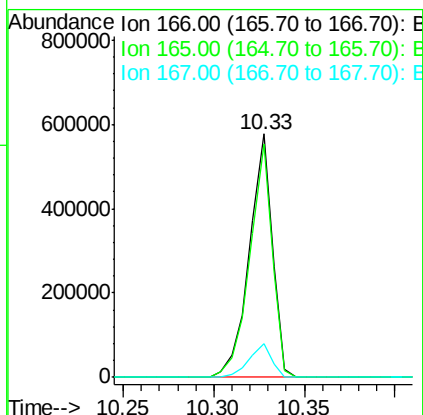
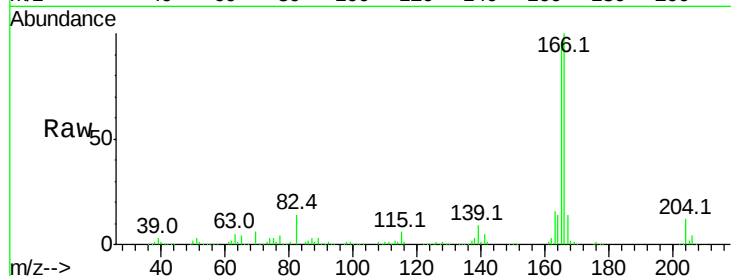




#57
 Fluorene
 Concen: 41.189 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

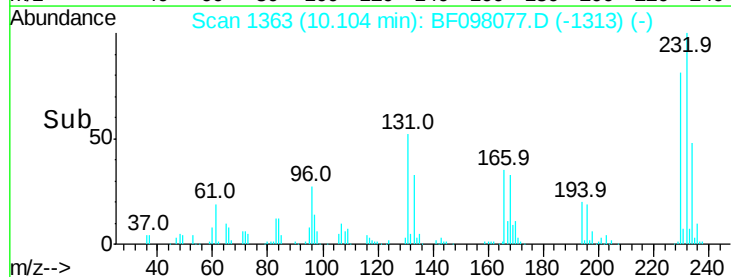
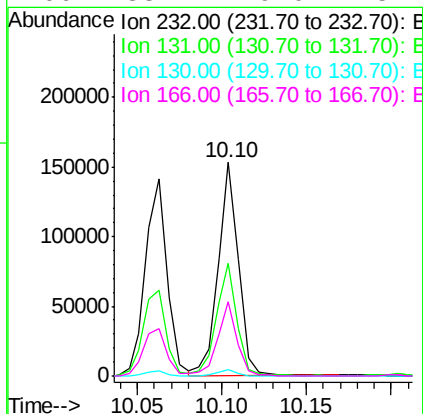
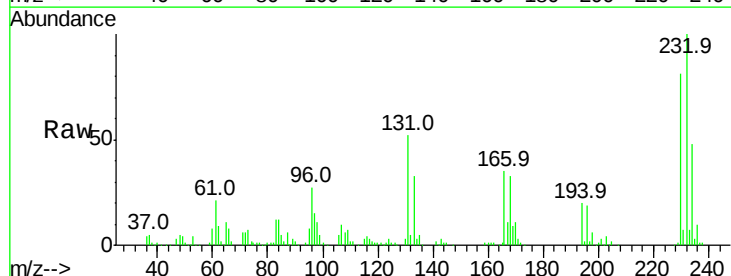
Instrument :
 BNA_F
 ClientSampleId :
 PB101859BSD

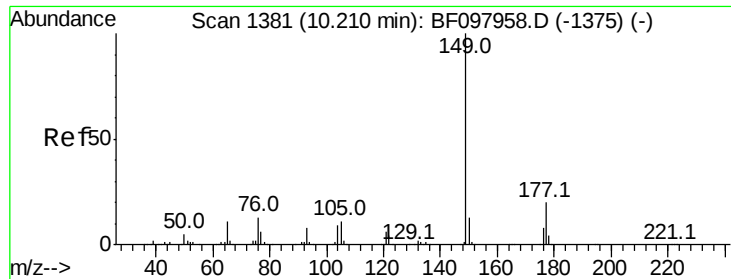
Tot Ion:166 Resp: 510713
 Ion Ratio Lower Upper
 166 100
 165 96.0 78.8 118.2
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.422 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

Tgt Ion:232 Resp: 128900
 Ion Ratio Lower Upper
 232 100
 131 53.9 44.8 67.2
 130 2.8 2.3 3.5
 166 33.4 29.0 43.4

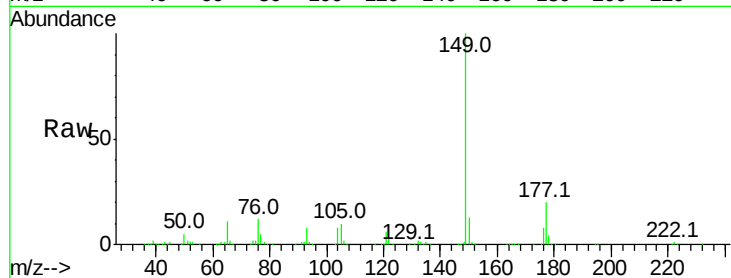




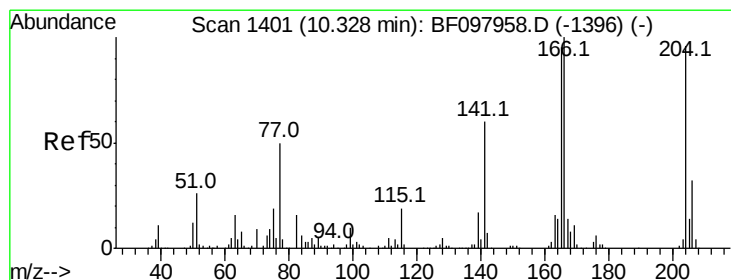
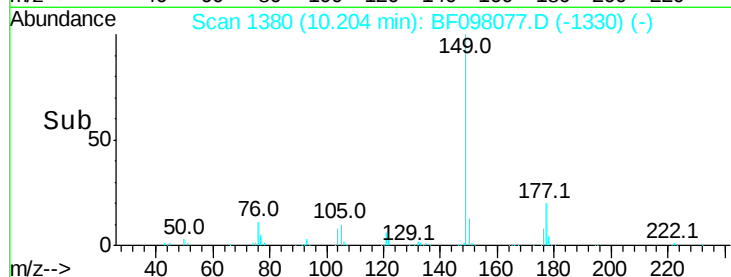
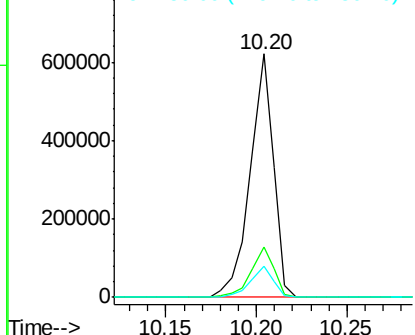
#59
Diethylphthalate
Concen: 40.369 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

Instrument :
BNA_F
ClientSampleId :
PB101859BSD

Tot Ion:149 Resp: 553341
Ion Ratio Lower Upper
149 100
177 20.5 16.7 25.1
150 12.6 10.2 15.2

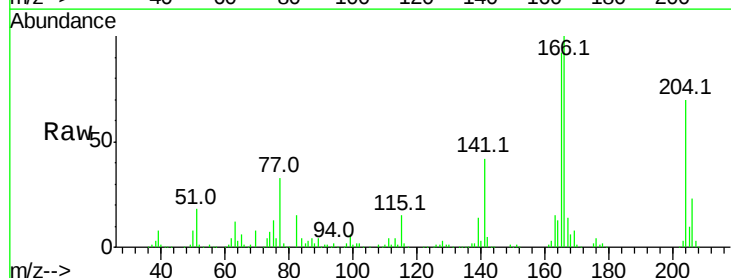


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

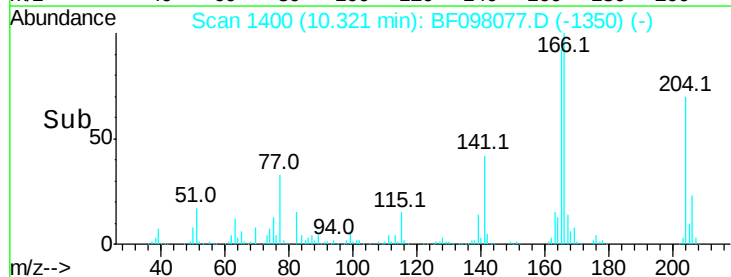
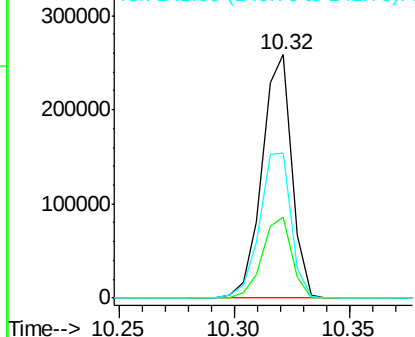


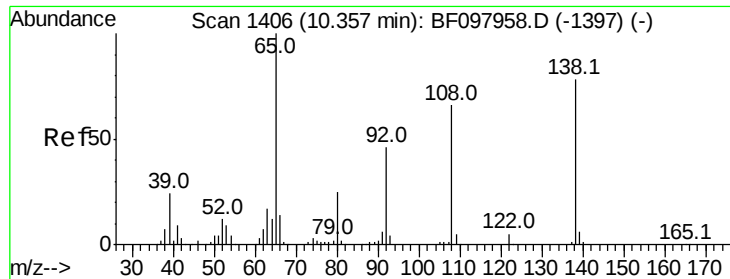
#60
4-Chlorophenyl-phenylether
Concen: 40.407 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

Tgt Ion:204 Resp: 232756
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 59.7 60.8 91.2#



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

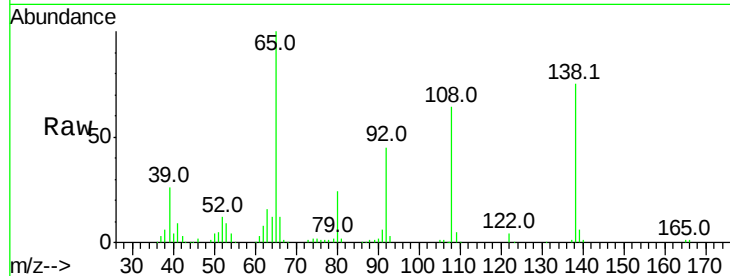




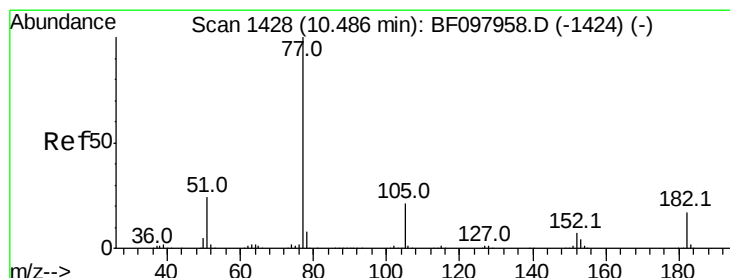
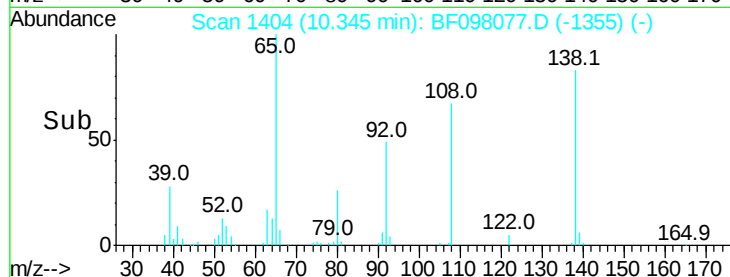
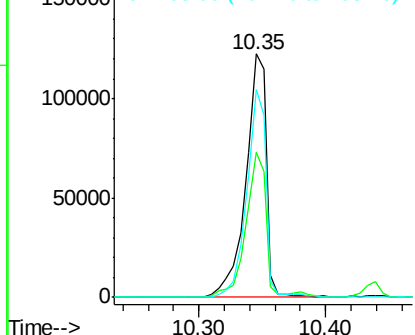
#61
4-Nitroaniline
Concen: 43.084 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

Instrument :
BNA_F
ClientSampleId :
PB101859BSD

Tot Ion:138 Resp: 138228
Ion Ratio Lower Upper
138 100
92 59.6 21.8 61.8
108 85.6 42.3 82.3#

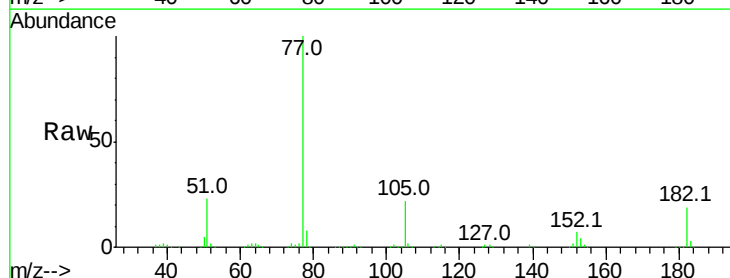


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

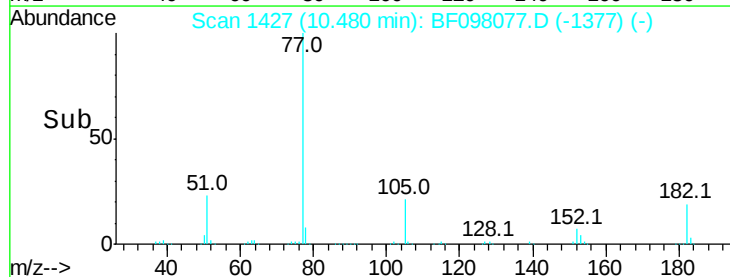
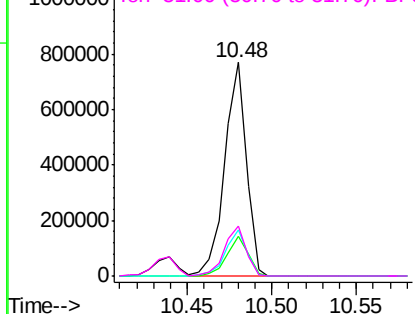


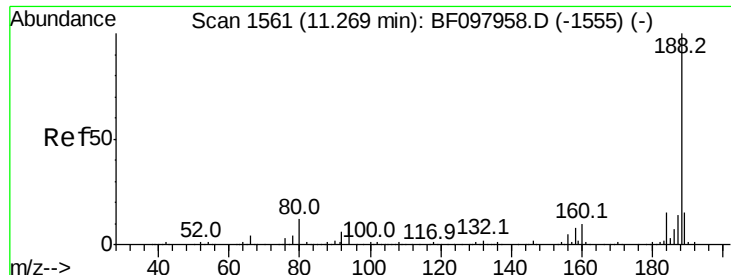
#62
Azobenzene
Concen: 42.030 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

Tgt Ion: 77 Resp: 684336
Ion Ratio Lower Upper
77 100
182 18.8 0.1 40.1
105 21.6 3.6 43.6
51 23.5 9.4 49.4



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

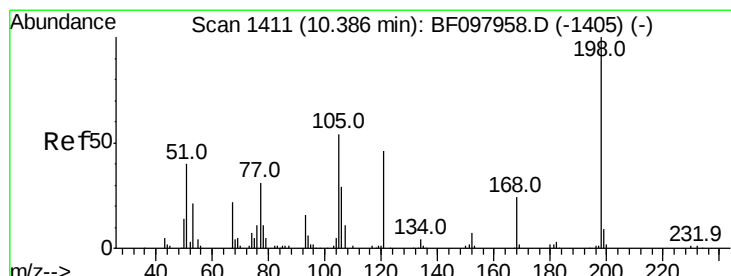
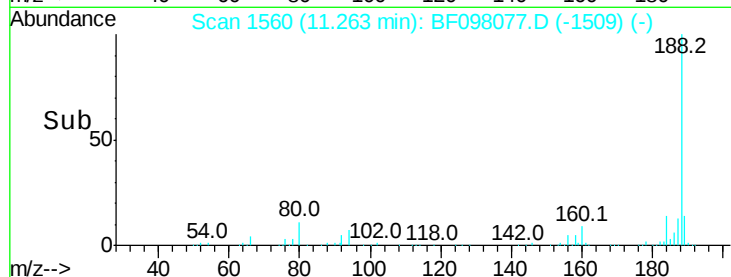
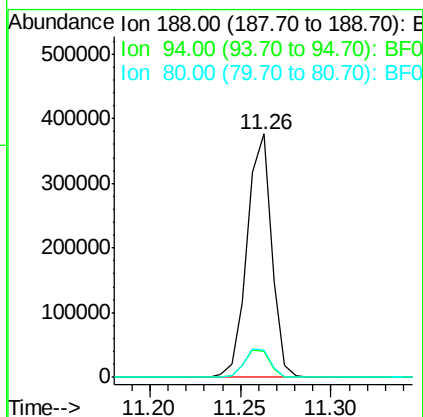
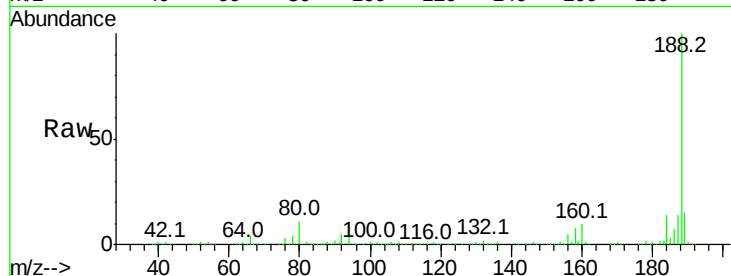




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

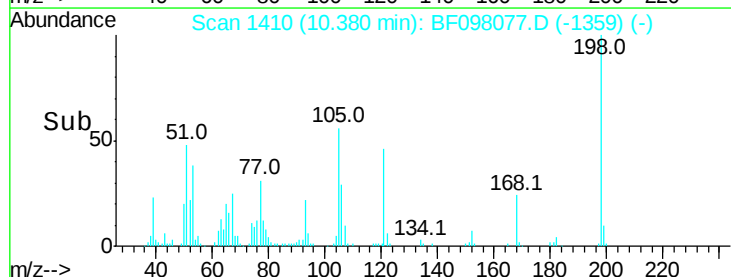
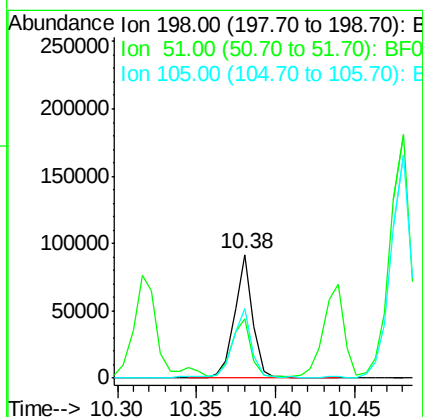
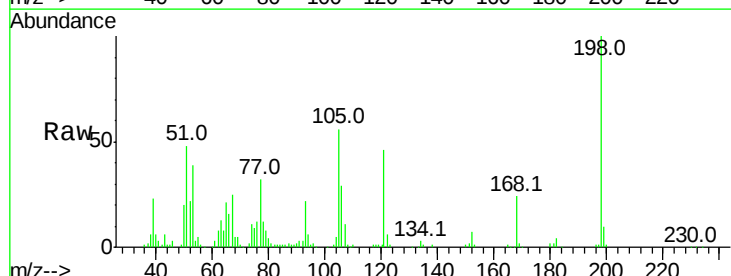
Instrument :
 BNA_F
 ClientSampleId :
 PB101859BSD

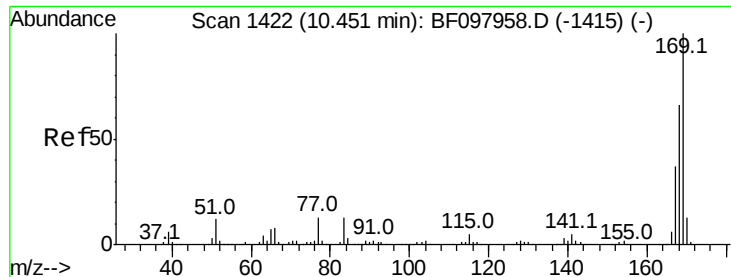
Tot Ion:188 Resp: 353571
 Ion Ratio Lower Upper
 188 100
 94 10.9 9.4 14.2
 80 11.5 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.639 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

Tgt Ion:198 Resp: 73201
 Ion Ratio Lower Upper
 198 100
 51 47.9 53.2 93.2#
 105 56.0 45.8 85.8

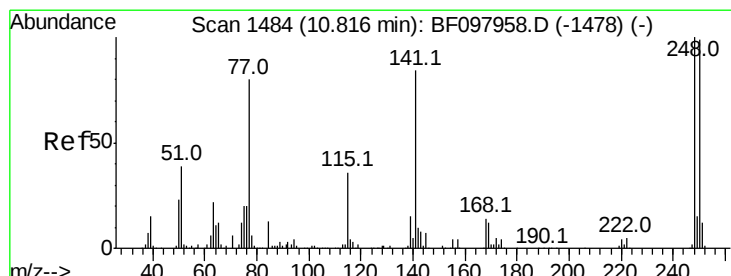
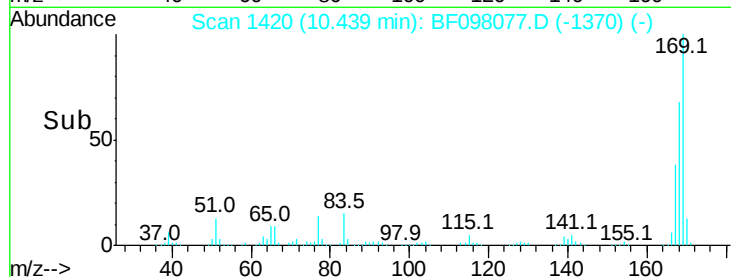
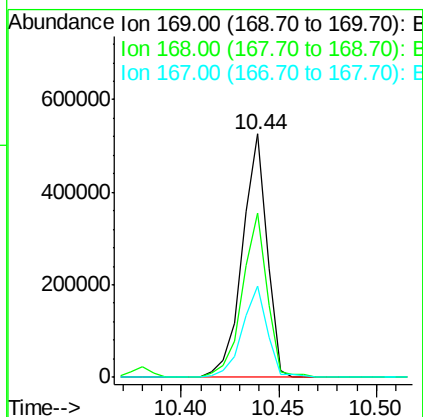
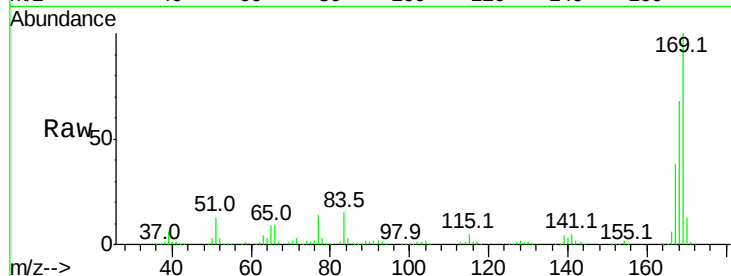




#65
 n-Nitrosodiphenylamine
 Concen: 38.341 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

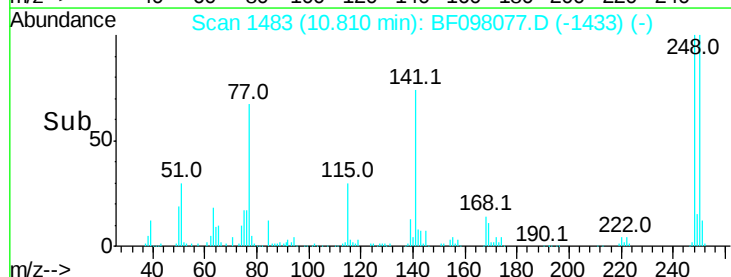
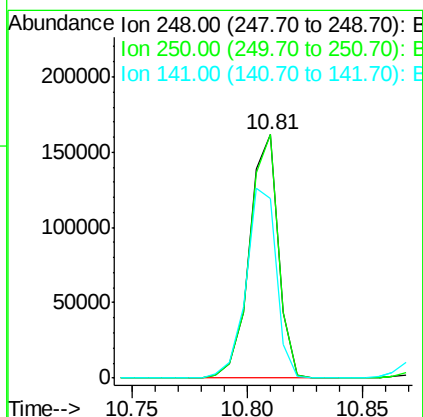
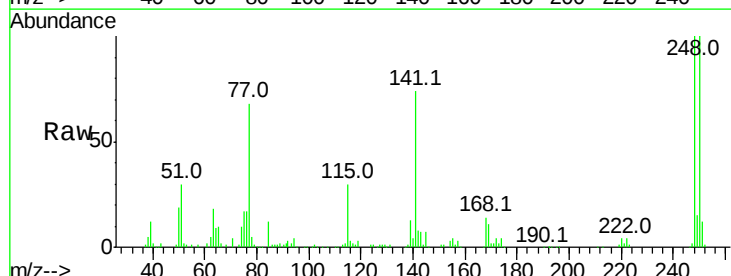
Instrument :
 BNA_F
 ClientSampleId :
 PB101859BSD

Tot Ion:169 Resp: 461631
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.2 79.8
 167 37.6 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 38.651 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

Tgt Ion:248 Resp: 141910
 Ion Ratio Lower Upper
 248 100
 250 100.0 76.8 115.2
 141 73.7 68.6 103.0

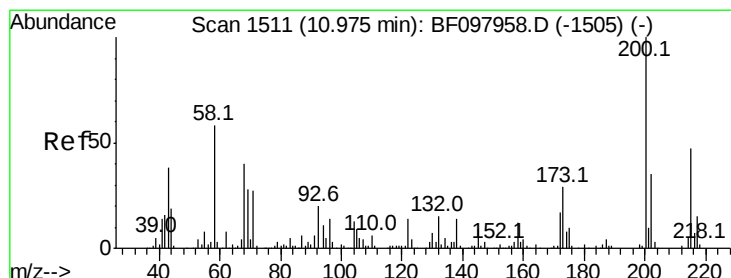
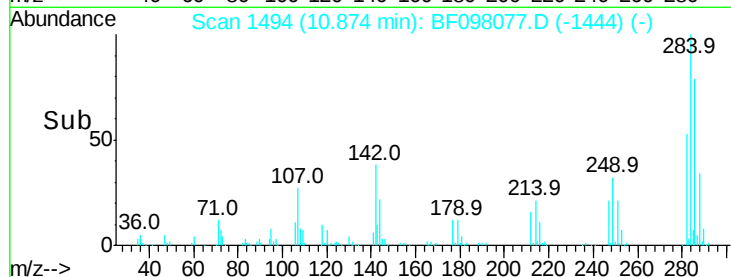
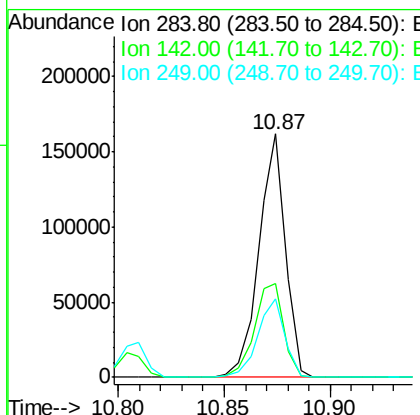
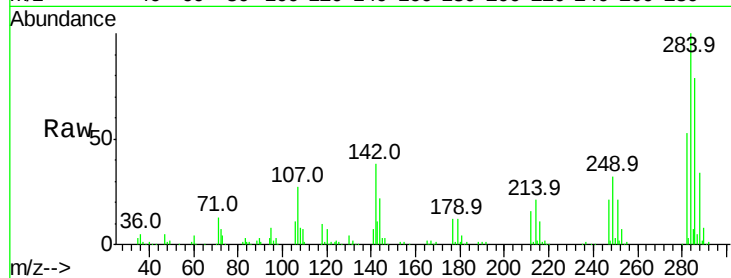




#67
Hexachlorobenzene
Concen: 37.771 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

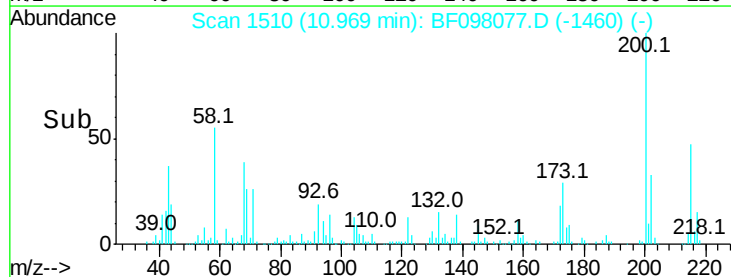
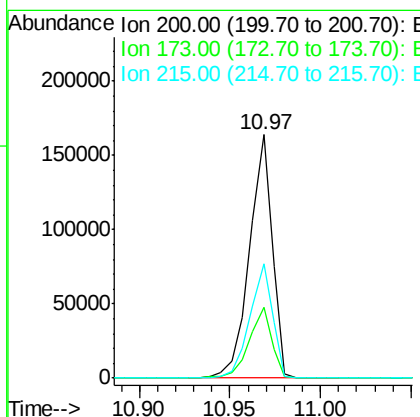
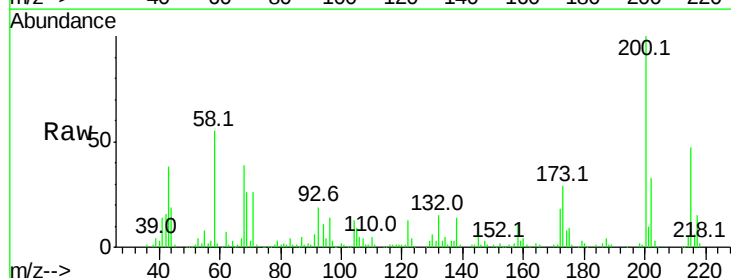
Instrument :
BNA_F
ClientSampleId :
PB101859BSD

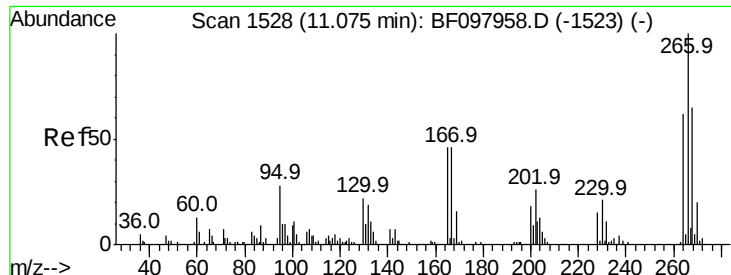
Tot Ion	Ratio	Lower	Upper
284	100		
142	38.3	22.8	34.2#
249	32.4	24.0	36.0



#68
Atrazine
Concen: 45.018 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.9	6.3	46.3
215	46.7	27.2	67.2

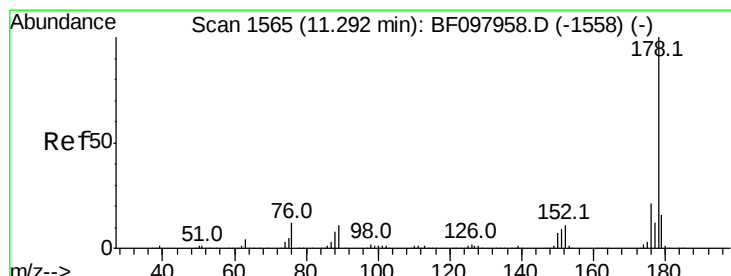
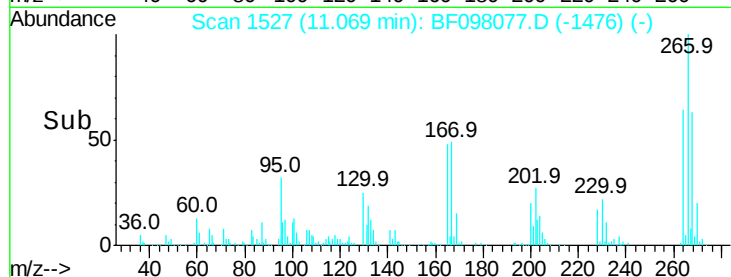
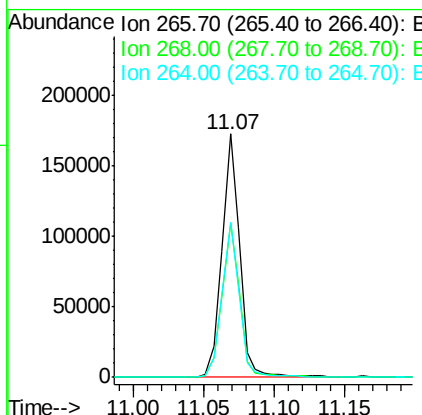
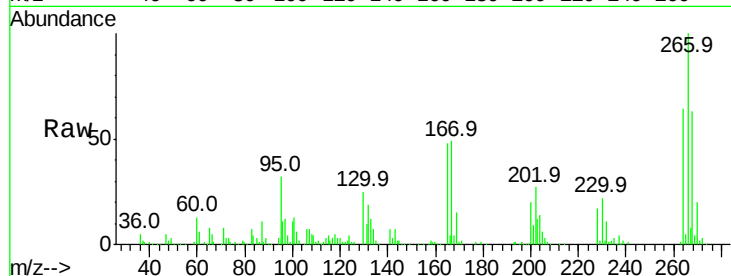




#69
 Pentachlorophenol
 Concen: 69.633 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

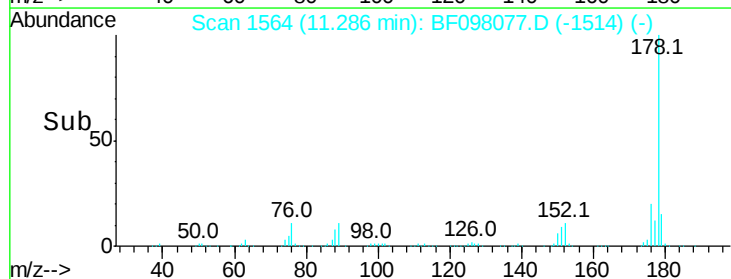
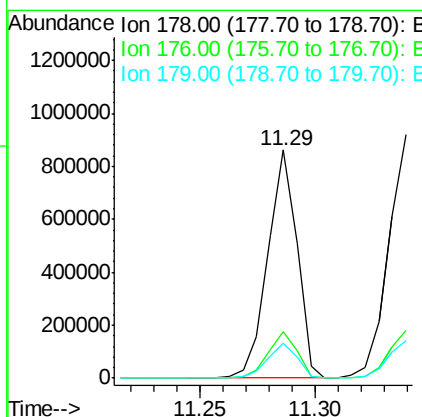
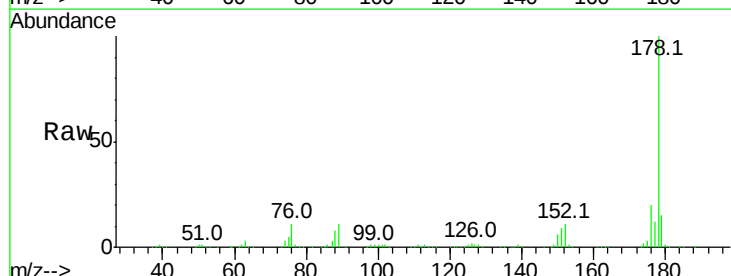
Instrument :
 BNA_F
 ClientSampleId :
 PB101859BSD

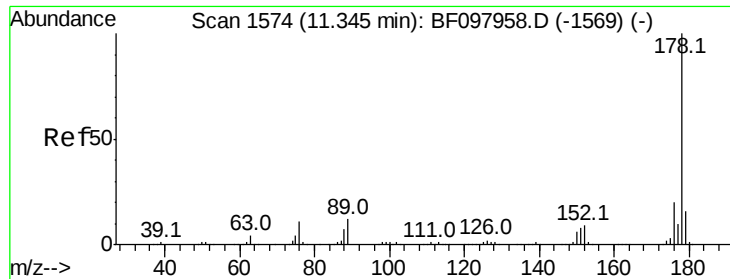
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	63.6	51.7	77.5



#70
 Phenanthrene
 Concen: 40.375 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	15.4	12.6	19.0





#71

Anthracene

Concen: 40.536 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

PB101859BSD

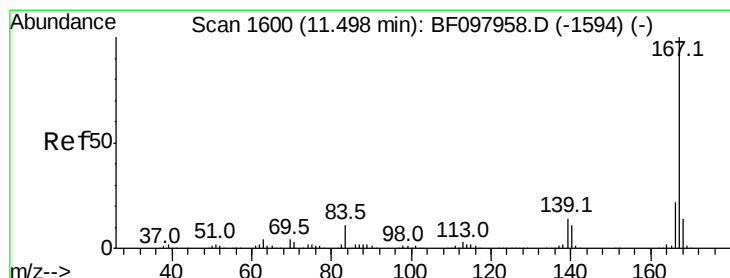
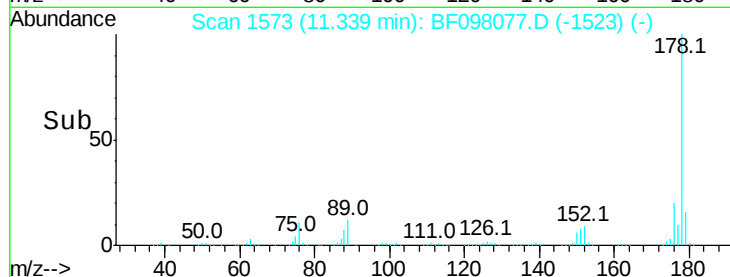
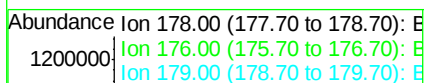
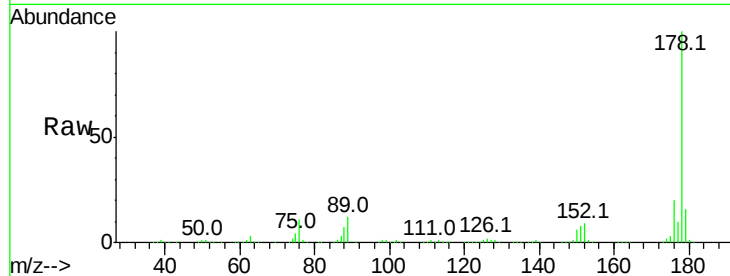
Tot Ion:178 Resp: 774630

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	12.7	19.1

178 100

176 19.7 15.8 23.8

179 15.5 12.7 19.1



#72

Carbazole

Concen: 41.620 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

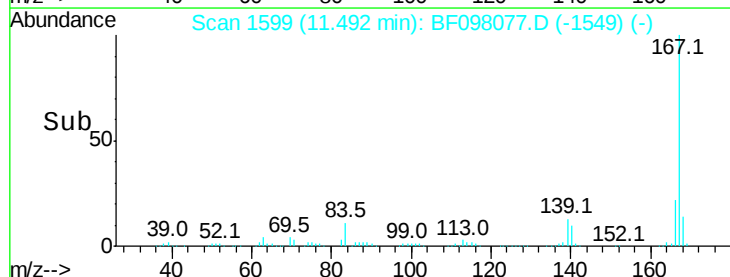
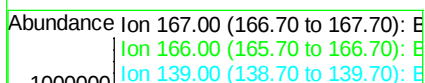
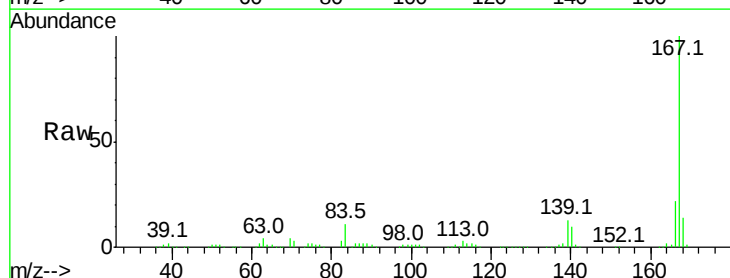
Tgt Ion:167 Resp: 754946

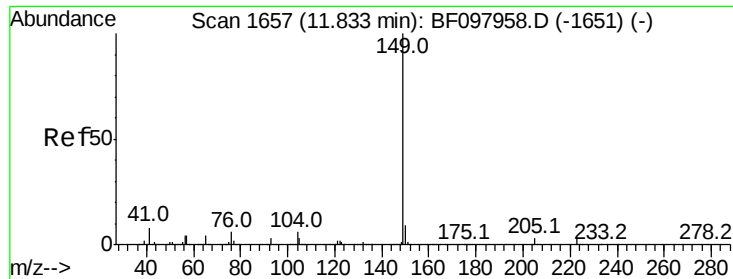
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.5	11.7	17.5

167 100

166 22.3 18.1 27.1

139 13.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 41.917 ng

RT: 11.83 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

PB101859BSD

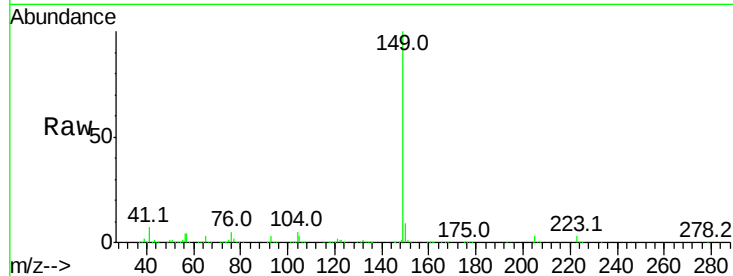
Tot Ion:149 Resp: 875796

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

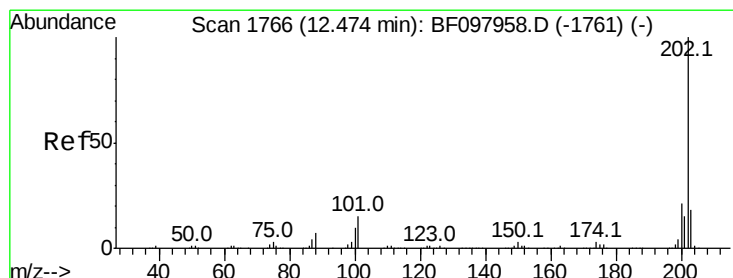
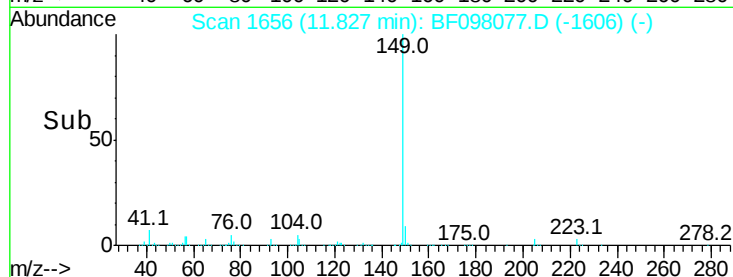
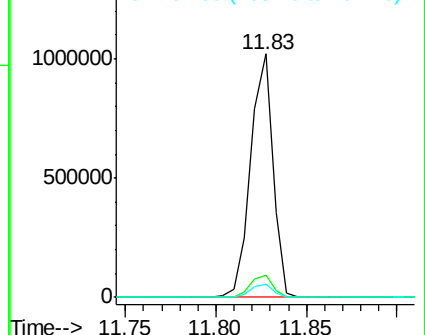
104 5.3 4.0 6.0



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: 42.269 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

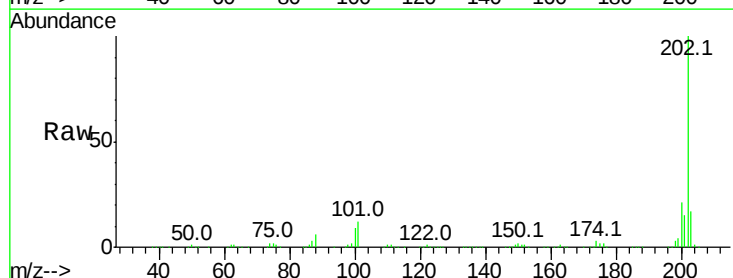
Tgt Ion:202 Resp: 831238

Ion Ratio Lower Upper

202 100

101 11.9 0.0 33.2

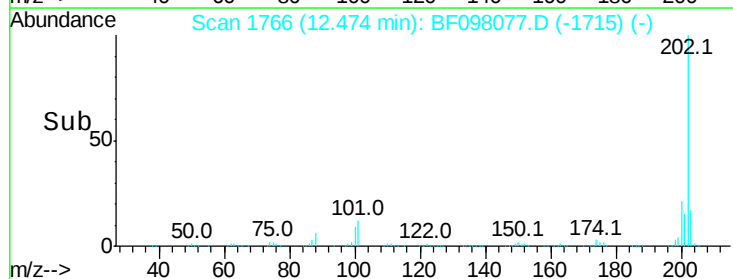
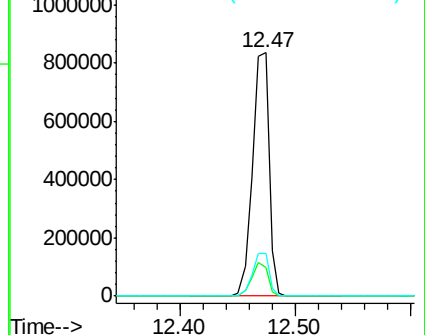
203 17.4 0.0 38.1

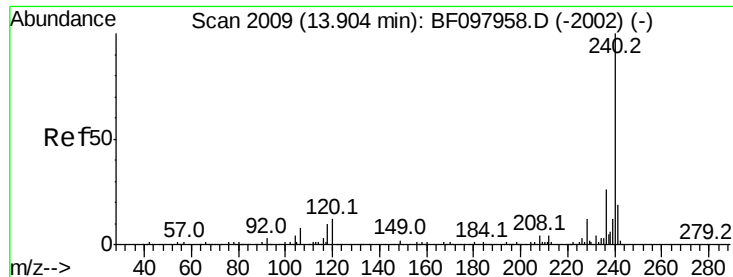


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

PB101859BSD

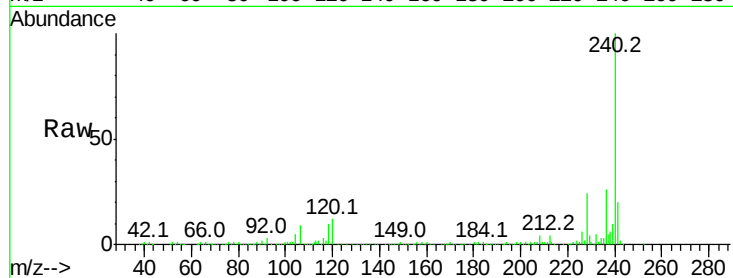
Tot Ion:240 Resp: 296656

Ion Ratio Lower Upper

240 100

120 12.3 5.8 8.8#

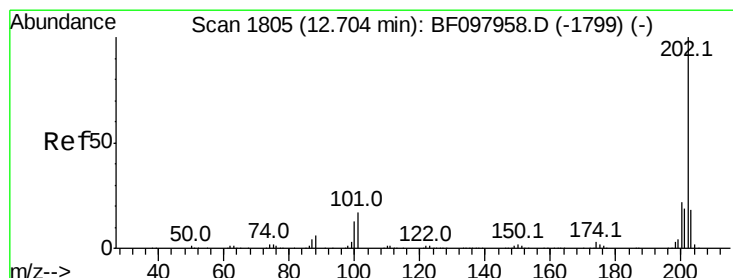
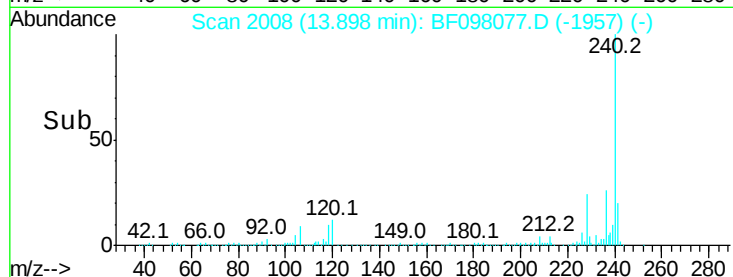
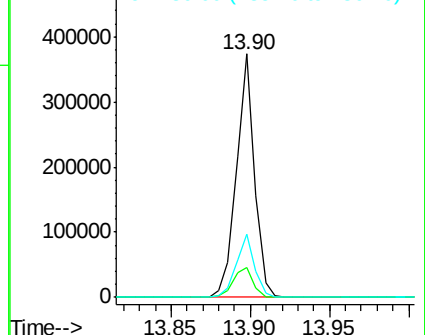
236 25.9 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 35.632 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

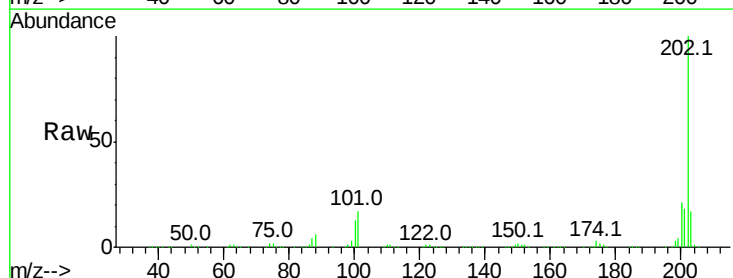
Tgt Ion:202 Resp: 864532

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

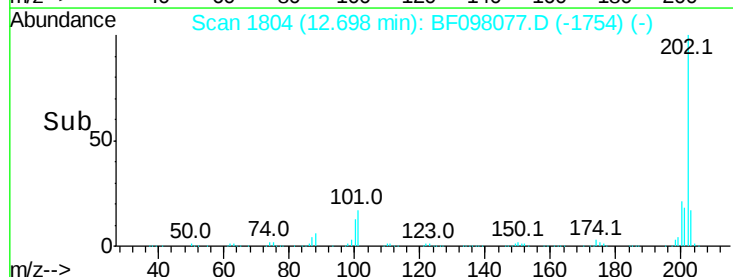
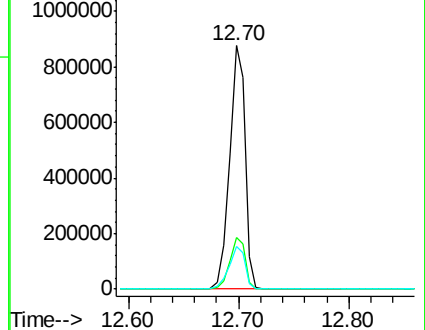
203 17.3 14.4 21.6

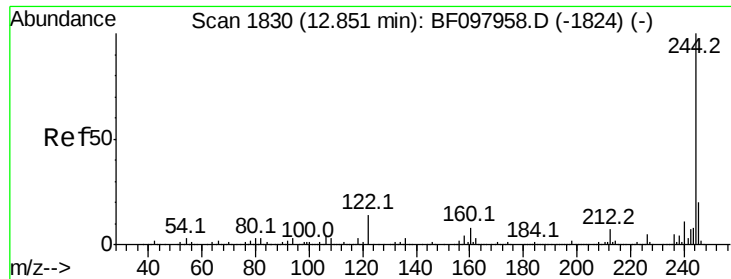


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

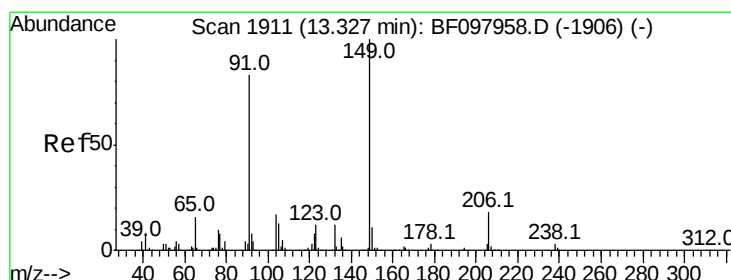
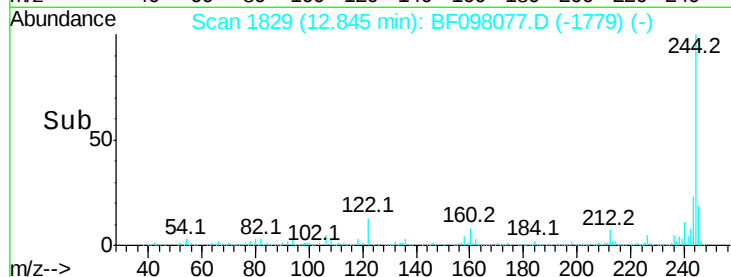
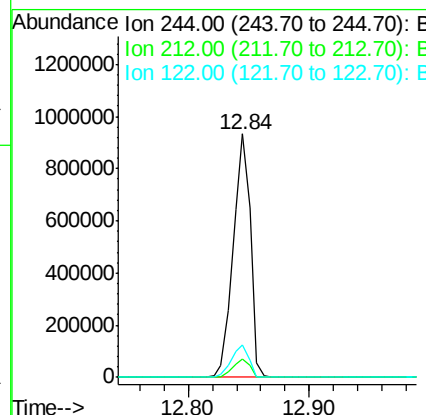
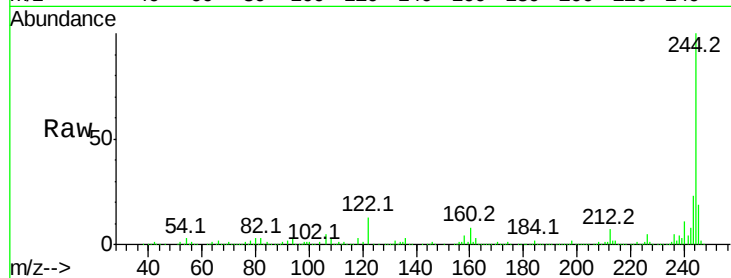




#78
 Terphenyl-d14
 Concen: 64.753 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

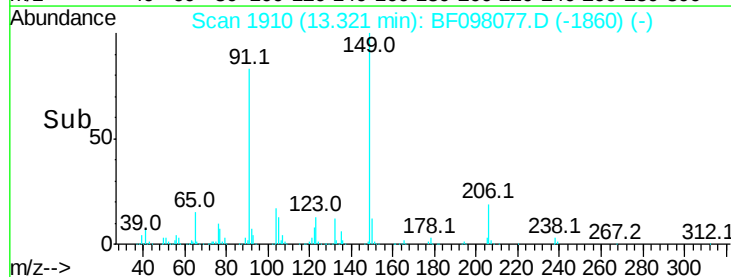
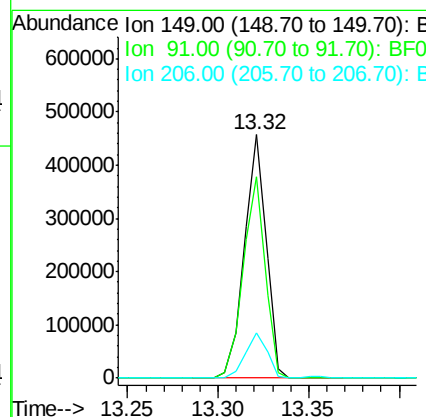
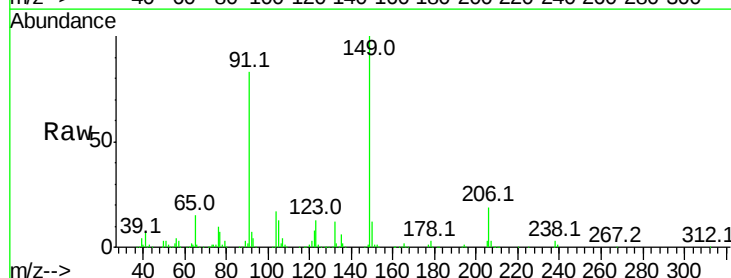
Instrument :
 BNA_F
 ClientSampleId :
 PB101859BSD

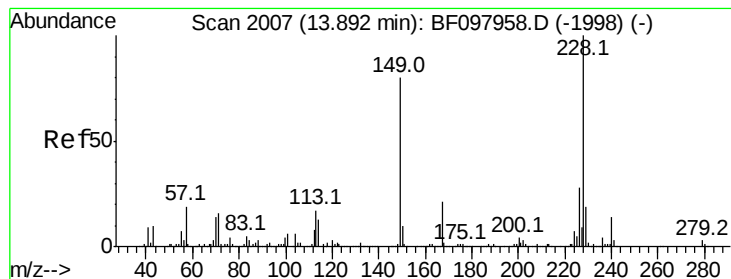
Tot Ion:244 Resp: 921161
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.2 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 41.119 ng
 RT: 13.32 min Scan# 1910
 Delta R.T. -0.01 min
 Lab File: BF098077.D
 Acq: 28 Aug 2017 20:23

Tgt Ion:149 Resp: 382505
 Ion Ratio Lower Upper
 149 100
 91 82.6 45.0 67.4#
 206 18.6 17.0 25.6





#80

Benzo(a)anthracene

Concen: 37.917 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

PB101859BSD

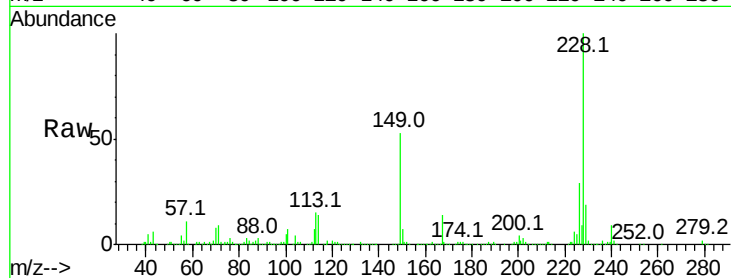
Tot Ion:228 Resp: 674160

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

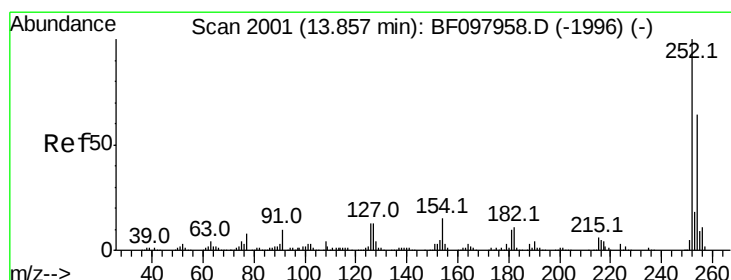
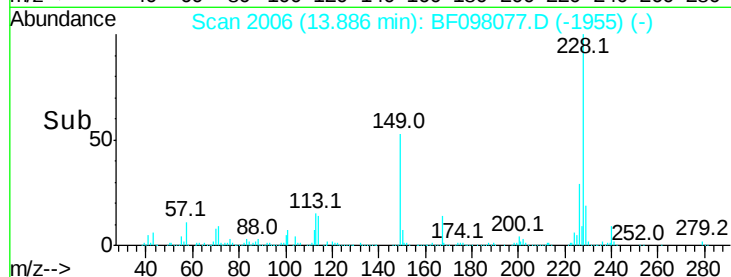
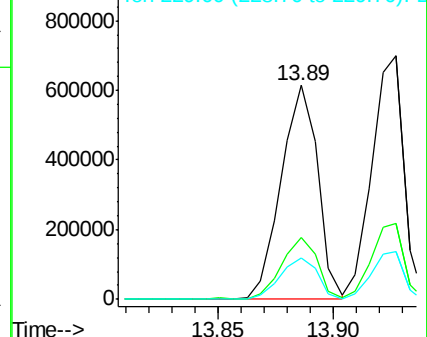
229 19.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 25.694 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

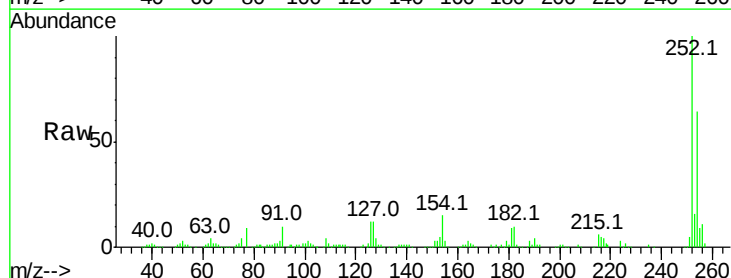
Tgt Ion:252 Resp: 154153

Ion Ratio Lower Upper

252 100

254 63.8 51.5 77.3

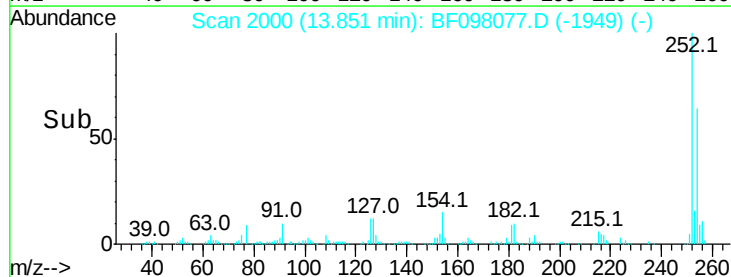
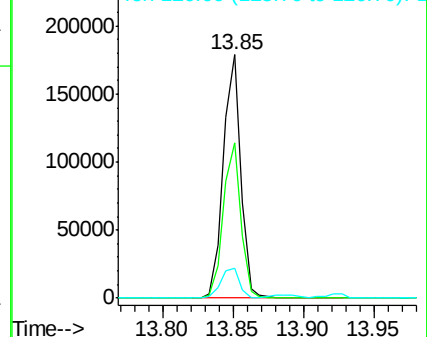
126 12.5 15.8 23.8#

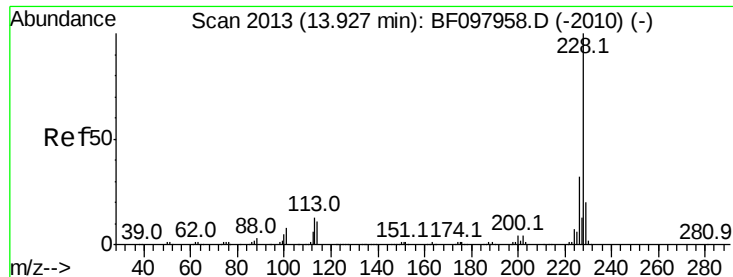


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 38.315 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

PB101859BSD

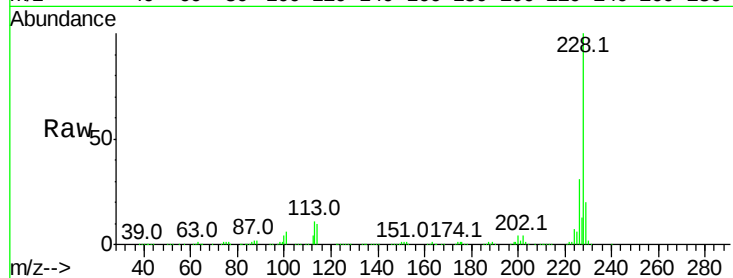
Tot Ion:228 Resp: 677676

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	19.6	15.8	23.6

228 100

226 31.4 24.9 37.3

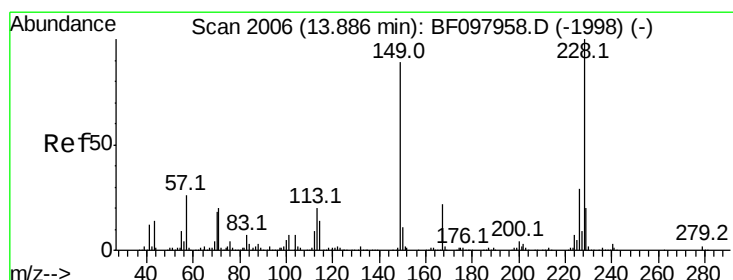
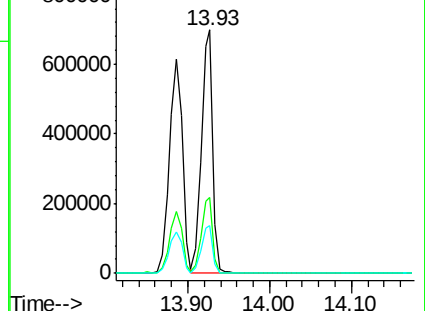
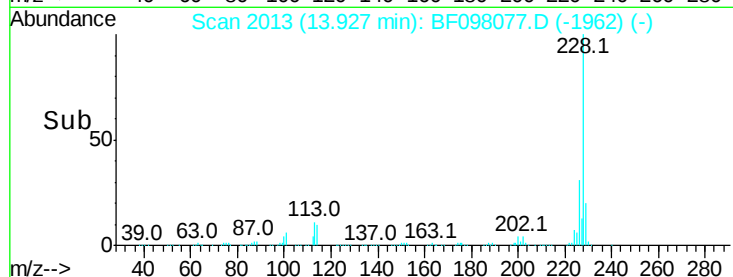
229 19.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.860 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

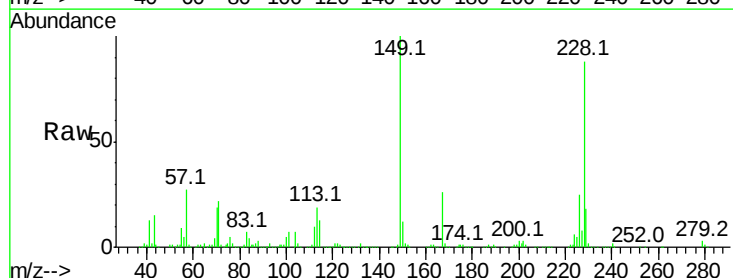
Tgt Ion:149 Resp: 462431

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.0	31.4
279	3.1	1.9	2.9#

149 100

167 25.7 21.0 31.4

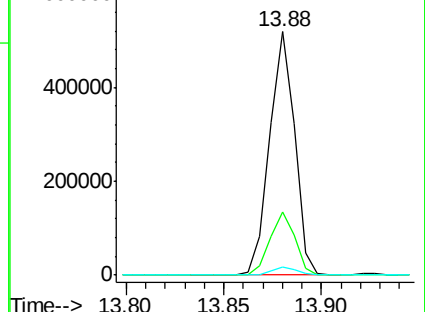
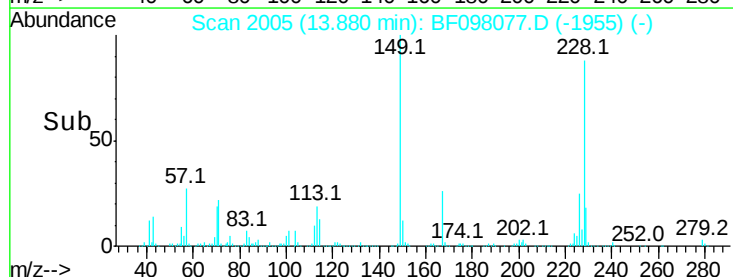
279 3.1 1.9 2.9#

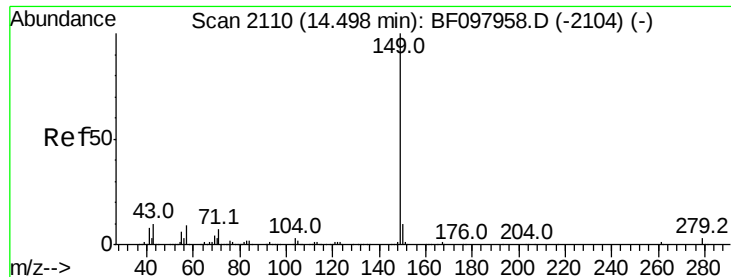


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

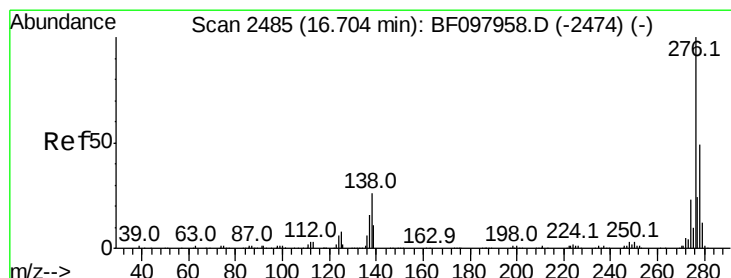
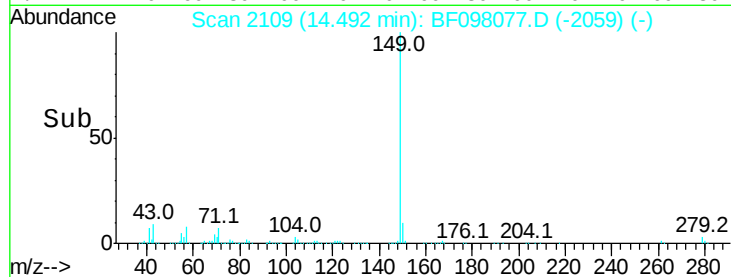
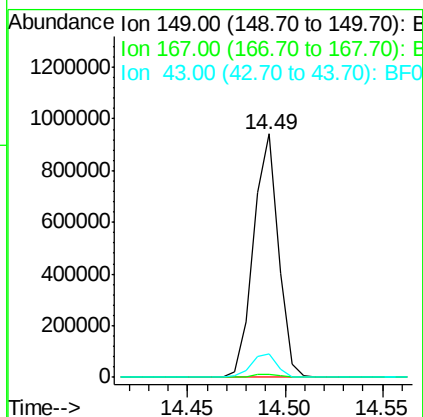
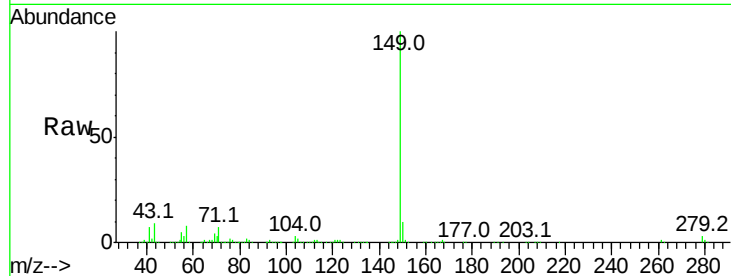




#84
Di-n-octyl phthalate
Concen: 46.397 ng
RT: 14.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

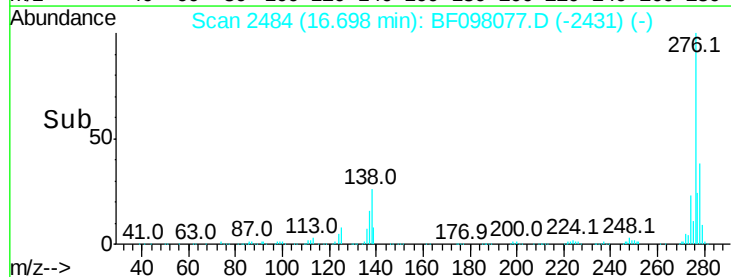
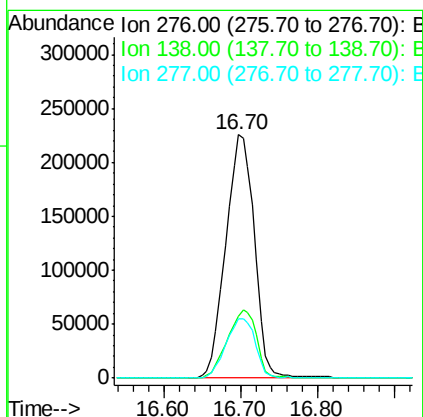
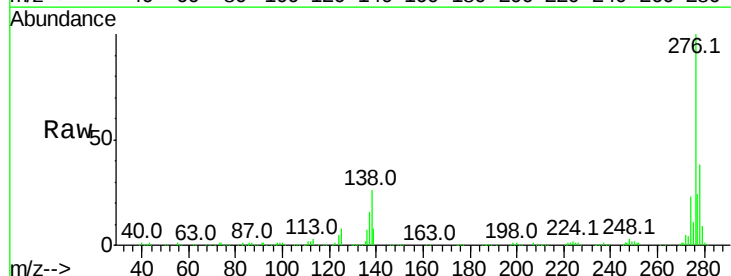
Instrument :
BNA_F
ClientSampleId :
PB101859BSD

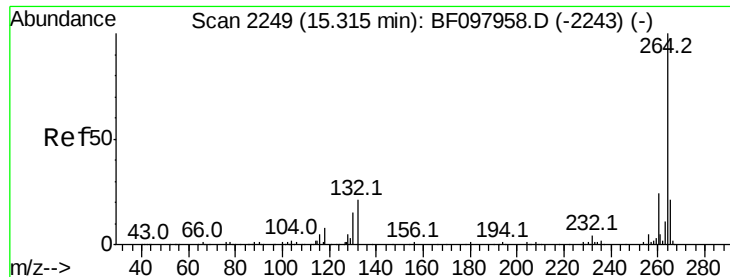
Tot Ion:149 Resp: 832172
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.8 8.5 12.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 45.094 ng
RT: 16.70 min Scan# 2484
Delta R.T. 0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

Tgt Ion:276 Resp: 586722
Ion Ratio Lower Upper
276 100
138 28.5 27.8 41.6
277 25.3 20.2 30.4



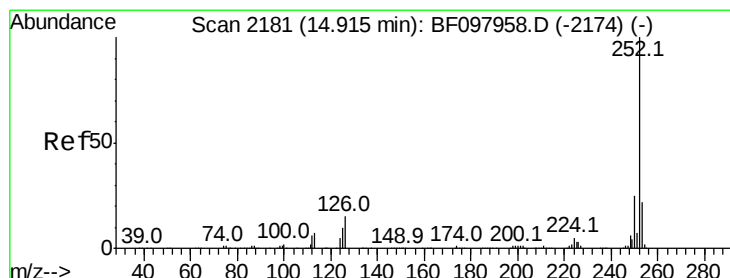
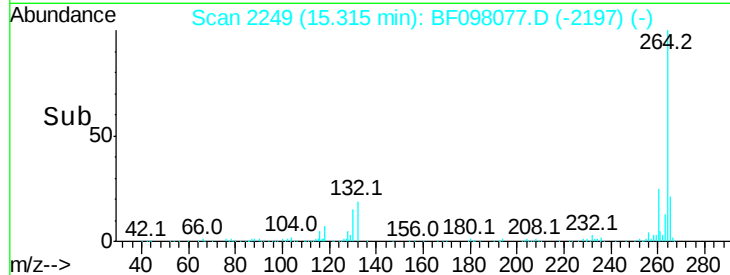
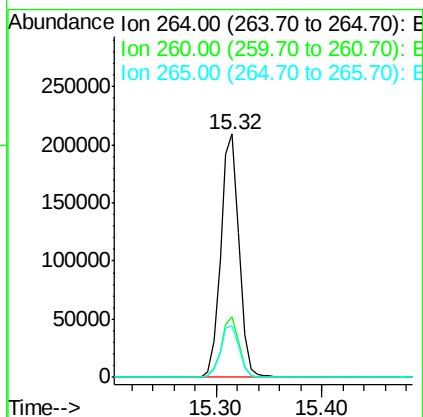
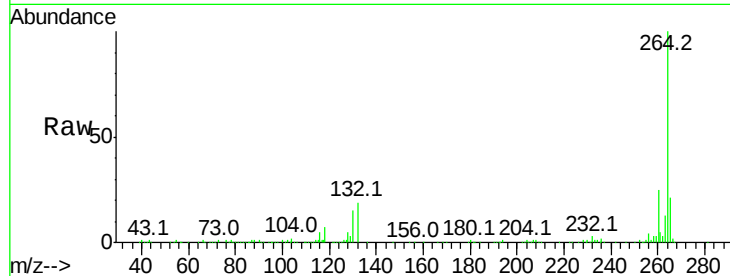


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

Instrument :
BNA_F
ClientSampled :
PB101859BSD

Tot Ion:264 Resp: 252578

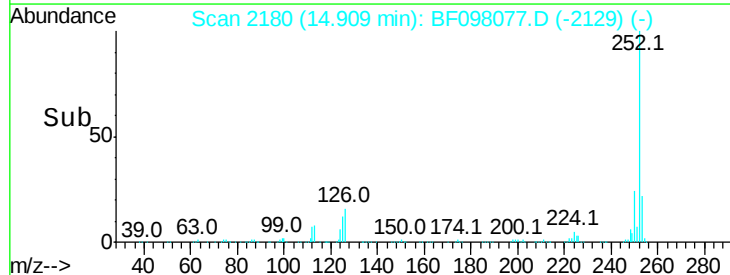
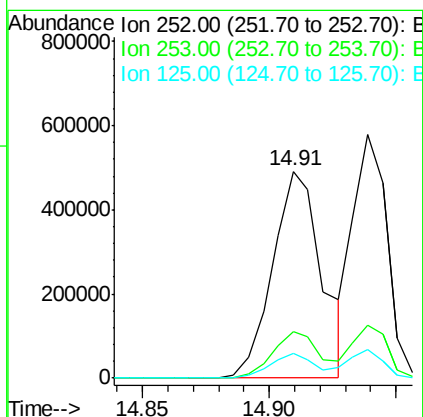
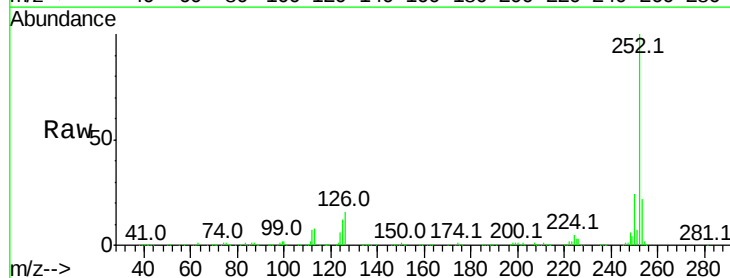
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.3	17.2	25.8

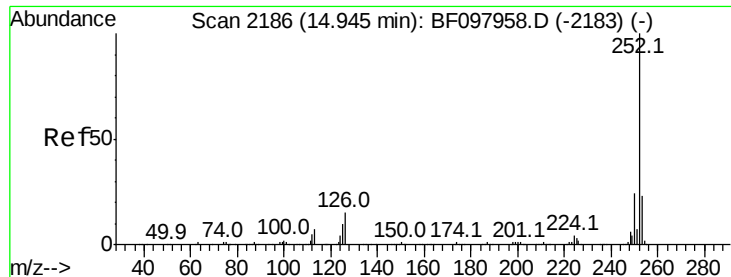


#87
Benzo(b)fluoranthene
Concen: 41.783 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BF098077.D
Acq: 28 Aug 2017 20:23

Tgt Ion:252 Resp: 665219

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	11.7	9.8	14.8





#88

Benzo(k)fluoranthene

Concen: 36.715 ng

RT: 14.94 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

Instrument :

BNA_F

ClientSampleId :

PB101859BSD

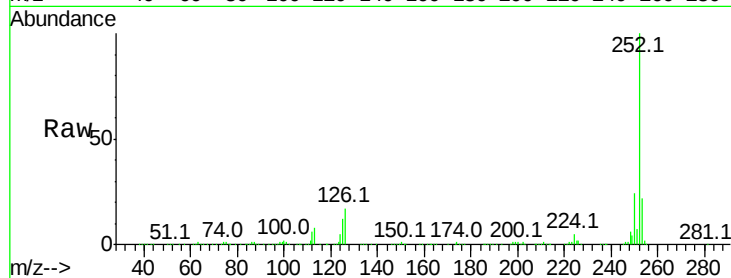
Tot Ion:252 Resp: 549170

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

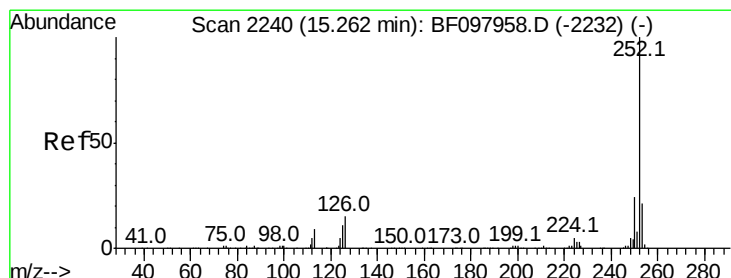
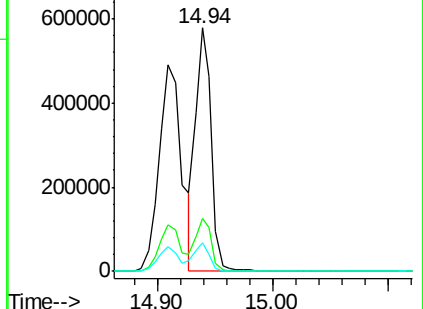
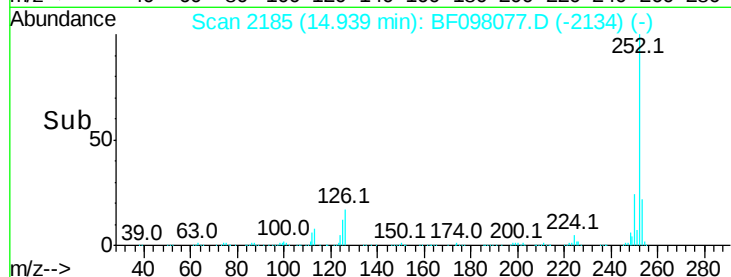
125 11.8 13.1 19.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 41.439 ng

RT: 15.26 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

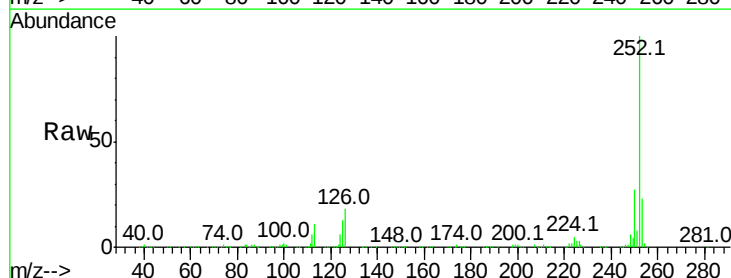
Tgt Ion:252 Resp: 584047

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

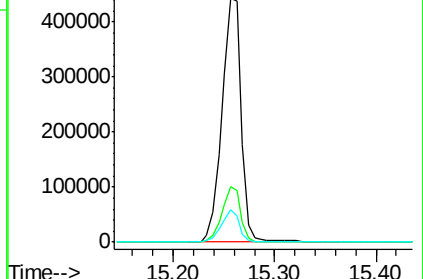
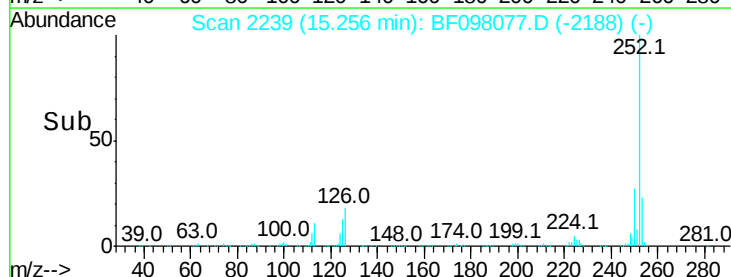
125 13.2 11.0 16.4

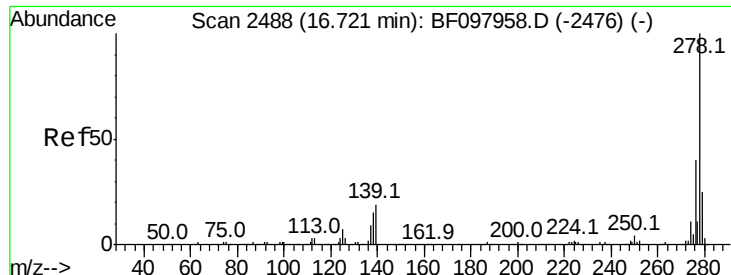


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 41.743 ng

RT: 16.72 min Scan# 2487

Delta R.T. 0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

Instrument :

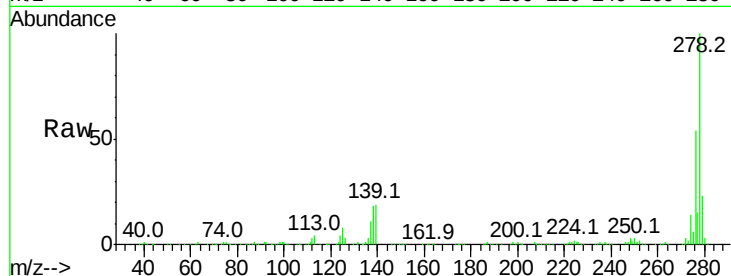
BNA_F

ClientSampleId :

PB101859BSD

Tot Ion:278 Resp: 478971

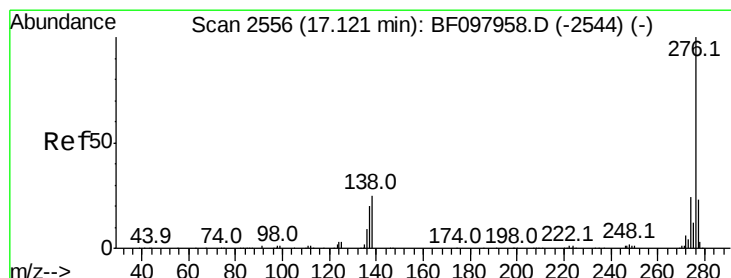
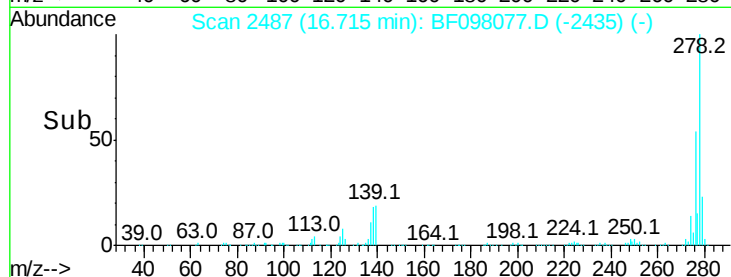
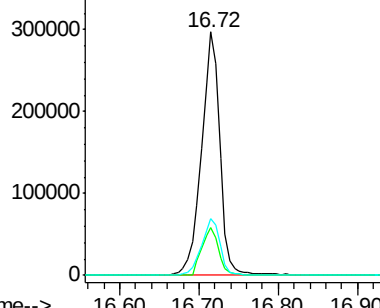
Ion	Ratio	Lower	Upper
278	100		
139	19.4	16.6	24.8
279	23.3	19.3	28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 41.931 ng

RT: 17.12 min Scan# 2555

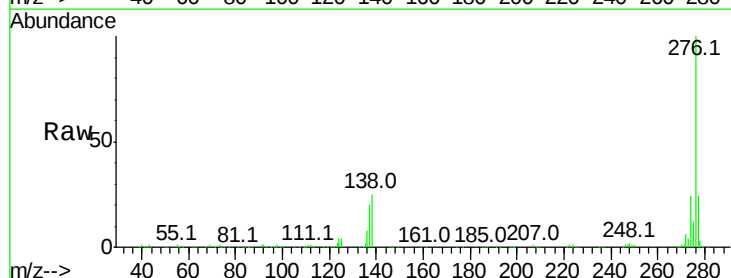
Delta R.T. 0.01 min

Lab File: BF098077.D

Acq: 28 Aug 2017 20:23

Tgt Ion:276 Resp: 502020

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	25.0	25.4	38.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

