

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060615\
 Data File : BF079773.D
 Acq On : 6 Jun 2015 17:15
 Operator : TP/IZ
 Sample : PB83864BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83864BS

Quant Time: Jun 08 18:33:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 15:29:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	52418	20.00	ng	-0.02
21) Naphthalene-d8	8.78	136	210124	20.00	ng	-0.01
38) Acenaphthene-d10	10.55	164	115939	20.00	ng	-0.01
63) Phenanthrene-d10	12.06	188	226669	20.00	ng	-0.01
75) Chrysene-d12	14.95	240	236940	20.00	ng	0.01
86) Perylene-d12	16.85	264	285587	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.09	112	389962	124.69	ng	-0.01
7) Phenol-d6	7.07	99	540823	133.89	ng	-0.01
23) Nitrobenzene-d5	8.03	82	294639	86.09	ng	-0.01
41) 2,4,6-Tribromophenol	11.34	330	142669	128.66	ng	-0.02
44) 2-Fluorobiphenyl	9.84	172	770662	90.05	ng	-0.02
78) Terphenyl-d14	13.70	244	810432	78.34	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	60818	43.94	ng	99
3) Pyridine	4.27	79	185244	47.86	ng	94
4) n-Nitrosodimethylamine	4.18	42	89356	53.20	ng	94
6) Aniline	7.13	93	126811	21.63	ng	97
8) 2-Chlorophenol	7.26	128	137622	40.65	ng	92
9) Benzaldehyde	7.03	77	97676	37.34	ng	81
10) Phenol	7.08	94	199851	45.45	ng	93
11) bis(2-Chloroethyl)ether	7.19	93	137306	40.27	ng	94
12) 1,3-Dichlorobenzene	7.43	146	157648	37.20	ng	# 91
13) 1,4-Dichlorobenzene	7.50	146	171884	38.22	ng	99
14) 1,2-Dichlorobenzene	7.66	146	158916	37.83	ng	98
15) Benzyl Alcohol	7.60	79	134258	40.22	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.74	45	195818	37.97	ng	99
17) 2-Methylphenol	7.70	107	126801	40.16	ng	95
18) Hexachloroethane	8.00	117	50434	38.60	ng	93
19) n-Nitroso-di-n-propylamine	7.86	70	108958	38.88	ng	98
20) 3+4-Methylphenols	7.85	107	164367	40.85	ng	97
22) Acetophenone	7.87	105	217959	43.48	ng	99
24) Nitrobenzene	8.06	77	135237	39.62	ng	# 76
25) Isophorone	8.28	82	276073	39.52	ng	98
26) 2-Nitrophenol	8.38	139	55219	38.41	ng	96
27) 2,4-Dimethylphenol	8.39	122	139304	43.05	ng	96
28) bis(2-Chloroethoxy)methane	8.49	93	166635	38.60	ng	# 97
29) 2,4-Dichlorophenol	8.62	162	125045	43.08	ng	88
30) 1,2,4-Trichlorobenzene	8.71	180	146311	41.51	ng	96
31) Naphthalene	8.79	128	409099	37.11	ng	99
32) Benzoic acid	8.44	122	57633	45.73	ng	97
33) 4-Chloroaniline	8.82	127	147244	26.29	ng	94
34) Hexachlorobutadiene	8.91	225	101257	47.23	ng	97
35) Caprolactam	9.16	113	50854	57.52	ng	# 71
36) 4-Chloro-3-methylphenol	9.29	107	179859	55.45	ng	88
37) 2-Methylnaphthalene	9.48	142	374979	53.51	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.66	216	182164	50.45	ng	97
40) Hexachlorocyclopentadiene	9.64	237	177321	114.22	ng	98

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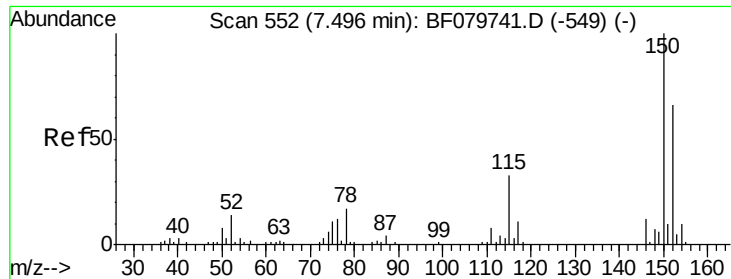
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.76	196	125819	52.39	ng	98
43) 2,4,5-Trichlorophenol	9.79	196	121904	48.25	ng	# 89
45) 1,1'-Biphenyl	9.95	154	439639	43.59	ng	99
46) 2-Chloronaphthalene	9.99	162	336789	40.90	ng	# 89
47) 2-Nitroaniline	10.06	65	74293	43.01	ng	92
48) Acenaphthylene	10.41	152	459063	33.72	ng	99
49) Dimethylphthalate	10.23	163	323851	36.26	ng	100
50) 2,6-Dinitrotoluene	10.30	165	61232	42.52	ng	92
51) Acenaphthene	10.58	154	284994	36.96	ng	96
52) 3-Nitroaniline	10.47	138	45155	23.94	ng	# 90
53) 2,4-Dinitrophenol	10.58	184	33117	71.27	ng	# 73
54) Dibenzofuran	10.75	168	423672	38.79	ng	99
55) 4-Nitrophenol	10.60	139	112305	79.71	ng	# 71
56) 2,4-Dinitrotoluene	10.71	165	83212	47.01	ng	# 81
57) Fluorene	11.10	166	336217	35.57	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.87	232	83456	40.81	ng	# 95
59) Diethylphthalate	10.94	149	335819	38.45	ng	98
60) 4-Chlorophenyl-phenylether	11.08	204	159746	37.29	ng	# 78
61) 4-Nitroaniline	11.08	138	65632	36.83	ng	99
62) Azobenzene	11.24	77	311007	35.24	ng	81
64) 4,6-Dinitro-2-methylphenol	11.12	198	21989	40.33	ng	# 70
65) n-Nitrosodiphenylamine	11.19	169	271615	35.88	ng	99
66) 4-Bromophenyl-phenylether	11.58	248	98808	40.26	ng	99
67) Hexachlorobenzene	11.67	284	109870	39.80	ng	96
68) Atrazine	11.71	200	95301	41.88	ng	98
69) Pentachlorophenol	11.85	266	117171	80.72	ng	99
70) Phenanthrene	12.08	178	525524	39.60	ng	99
71) Anthracene	12.14	178	507973	38.82	ng	99
72) Carbazole	12.27	167	466878	37.54	ng	98
73) Di-n-butylphthalate	12.59	149	582655	41.33	ng	# 81
74) Fluoranthene	13.33	202	572284	39.39	ng	94
76) Benzidine	13.43	184	233005	31.16	ng	98
77) Pyrene	13.58	202	596421	41.06	ng	99
79) Butylbenzylphthalate	14.23	149	249835	43.14	ng	88
80) Benzo(a)anthracene	14.93	228	554532	38.23	ng	99
81) 3,3'-Dichlorobenzidine	14.87	252	117977	23.94	ng	99
82) Chrysene	14.97	228	530743	39.58	ng	98
83) Bis(2-ethylhexyl)phthalate	14.88	149	351462	38.41	ng	98
84) Di-n-octyl phthalate	15.66	149	608708	37.77	ng	98
85) Indeno(1,2,3-cd)pyrene	18.82	276	549862	35.43	ng	99
87) Benzo(b)fluoranthene	16.32	252	490849	27.67	ng	100
88) Benzo(k)fluoranthene	16.27	252	533905	31.38	ng	99
89) Benzo(a)pyrene	16.77	252	641494	39.17	ng	99
90) Dibenzo(a,h)anthracene	18.85	278	448602	28.38	ng	99
91) Benzo(g,h,i)perylene	19.42	276	460190	28.16	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 550

Delta R.T. -0.02 min

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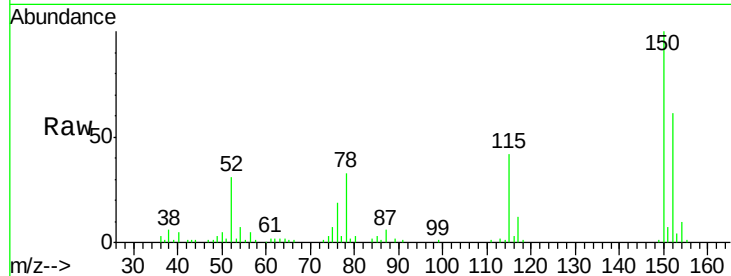
Tgt Ion:152 Resp: 52418

Ion Ratio Lower Upper

152 100

150 163.4 128.1 192.1

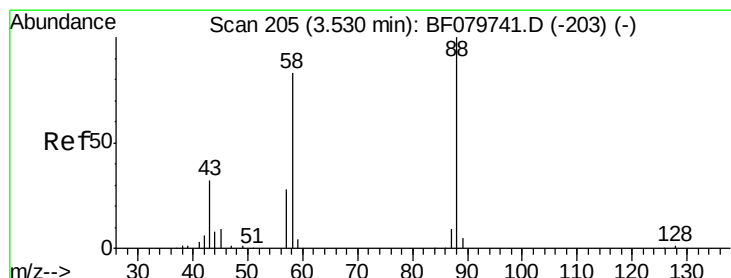
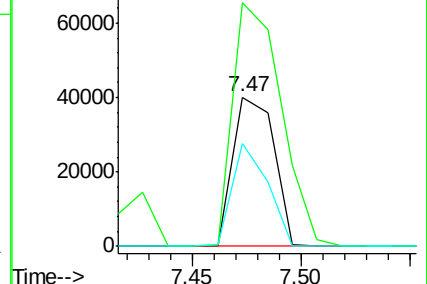
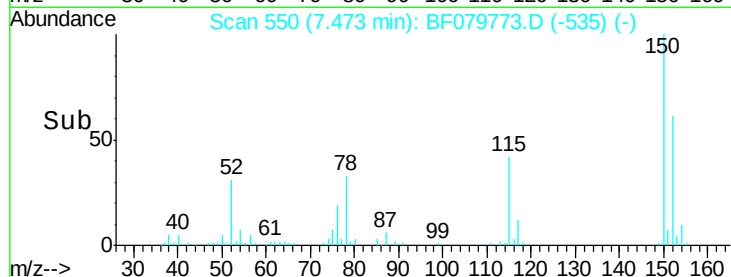
115 68.9 49.7 74.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 43.94 ng

RT: 3.54 min Scan# 206

Delta R.T. 0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

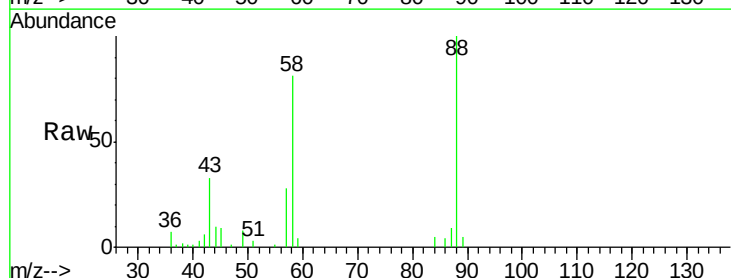
Tgt Ion: 88 Resp: 60818

Ion Ratio Lower Upper

88 100

58 79.6 64.2 96.4

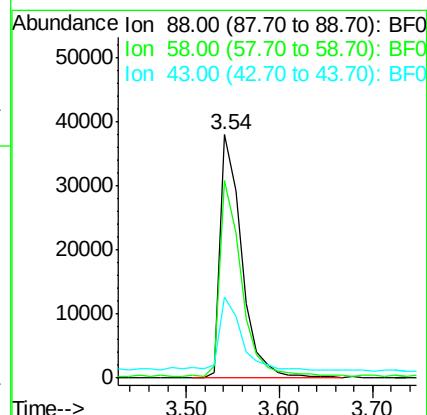
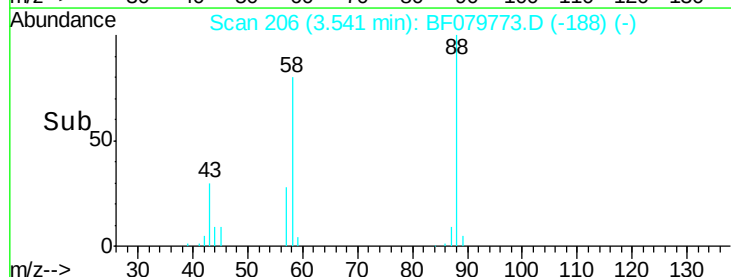
43 31.4 25.1 37.7

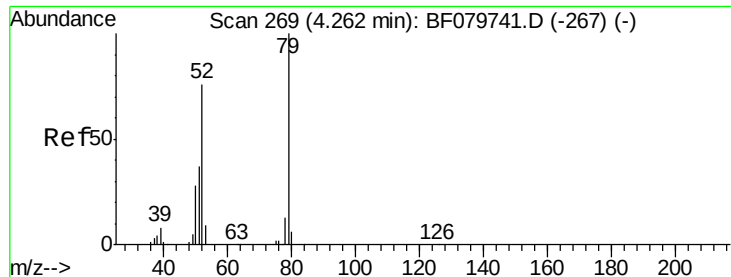


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 47.86 ng

RT: 4.27 min Scan# 270

Delta R.T. 0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

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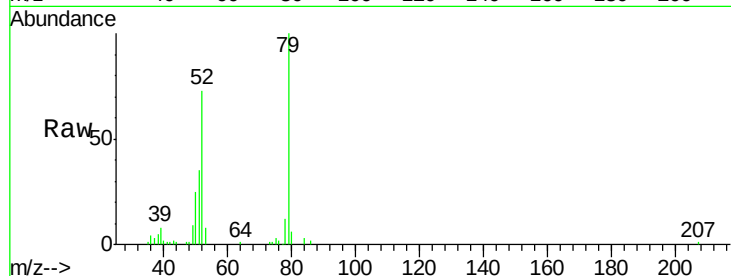
Tgt Ion: 79 Resp: 185244

Ion Ratio Lower Upper

79 100

52 73.0 63.1 94.7

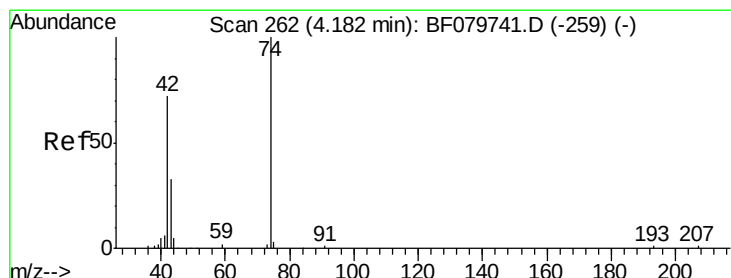
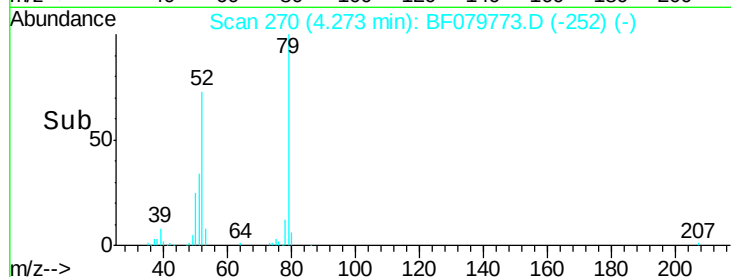
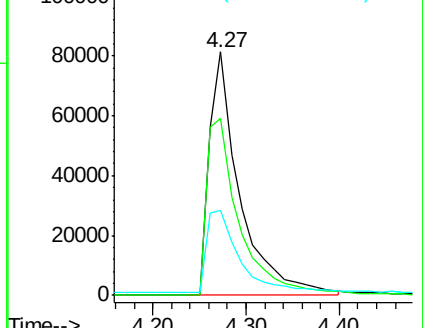
51 34.6 29.3 43.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 53.20 ng

RT: 4.18 min Scan# 262

Delta R.T. -0.00 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

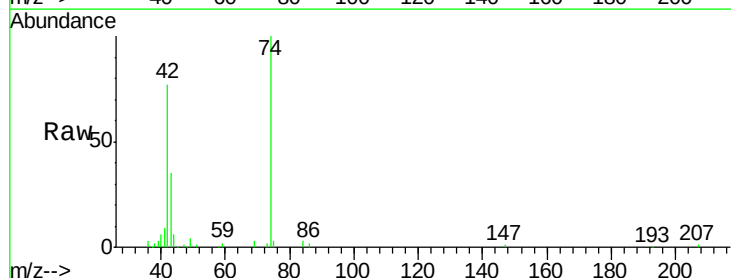
Tgt Ion: 42 Resp: 89356

Ion Ratio Lower Upper

42 100

74 130.0 110.6 165.8

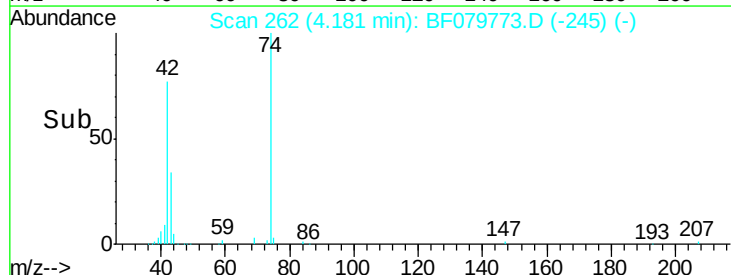
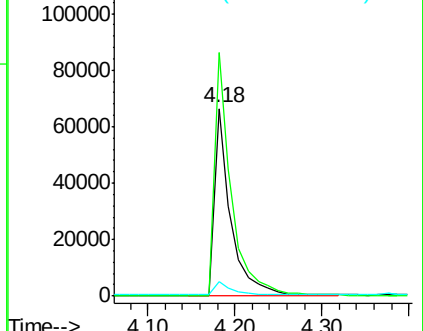
44 7.8 6.2 9.2

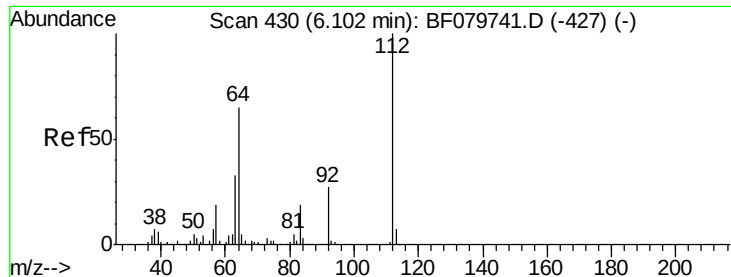


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 124.69 ng

RT: 6.09 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF079773.D

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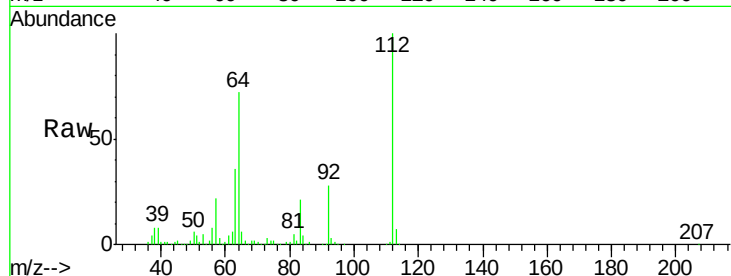
Tgt Ion: 112 Resp: 389962

Ion Ratio Lower Upper

112 100

64 72.5 49.6 74.4

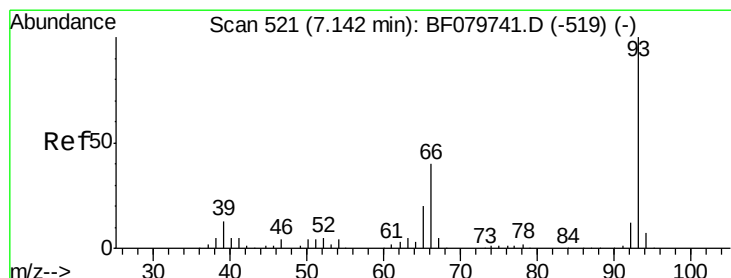
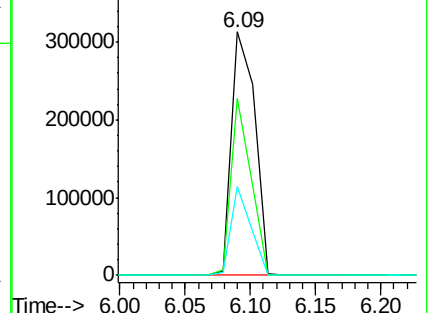
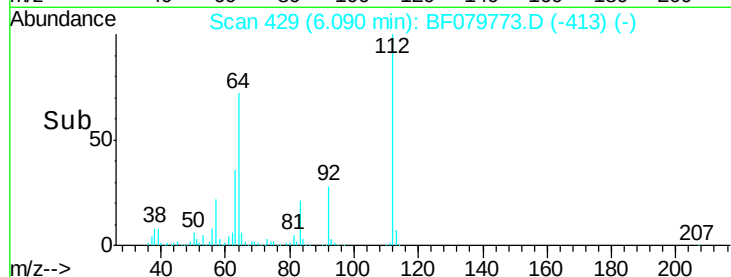
63 36.2 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.63 ng

RT: 7.13 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

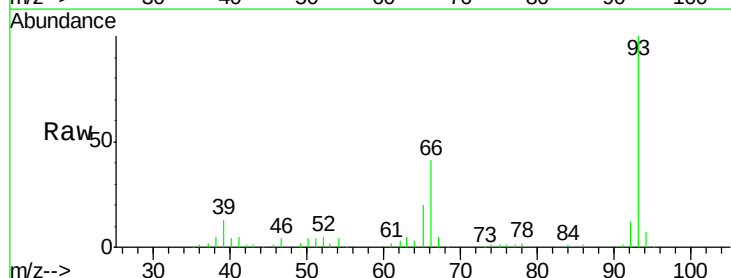
Tgt Ion: 93 Resp: 126811

Ion Ratio Lower Upper

93 100

66 40.6 30.3 45.5

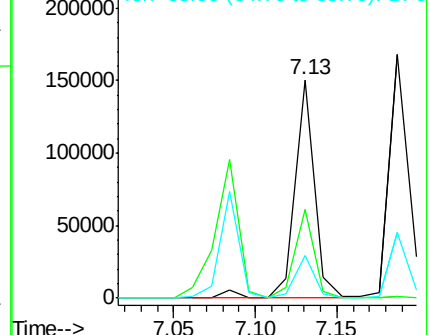
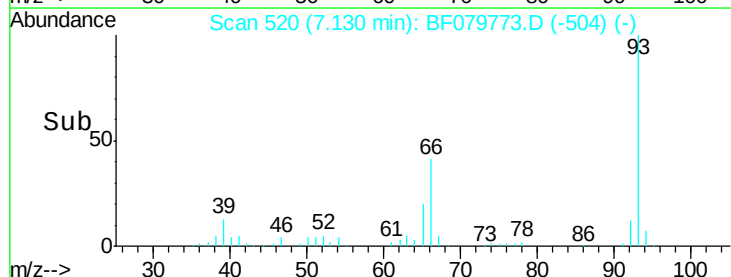
65 19.5 15.8 23.6

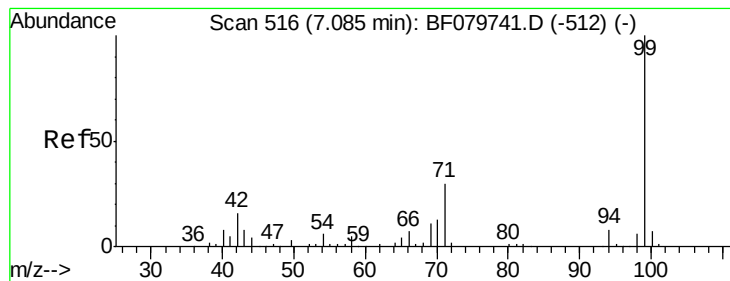


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.89 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.01 min

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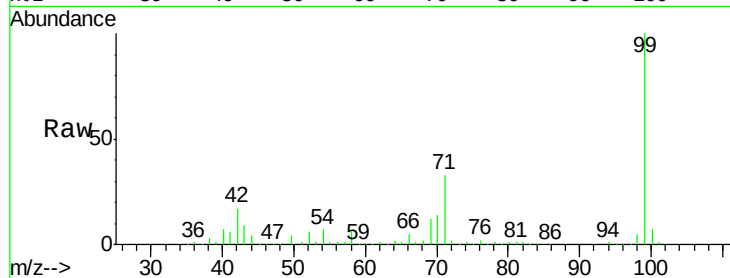
Tgt Ion: 99 Resp: 540823

Ion Ratio Lower Upper

99 100

42 17.4 18.0 27.0#

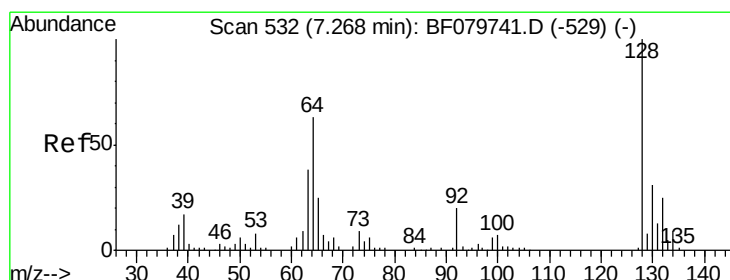
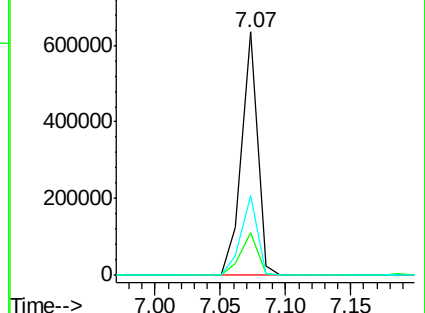
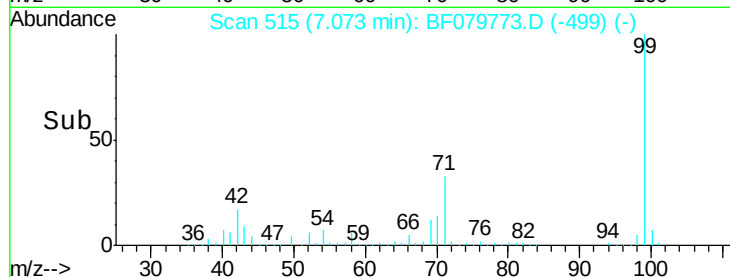
71 32.8 28.4 42.6



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: 40.65 ng

RT: 7.26 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

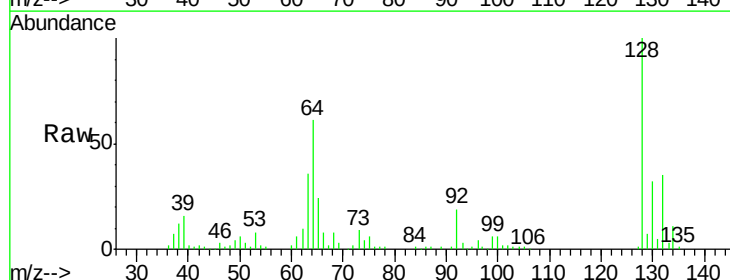
Tgt Ion: 128 Resp: 137622

Ion Ratio Lower Upper

128 100

130 31.5 12.3 52.3

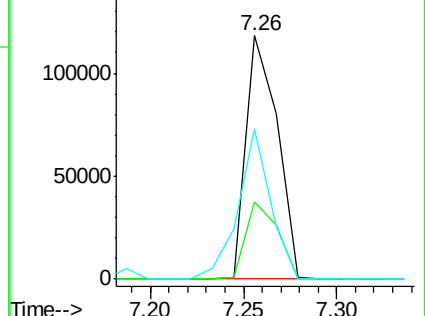
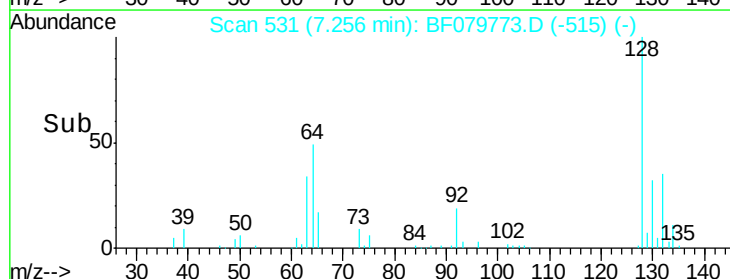
64 61.4 33.3 73.3

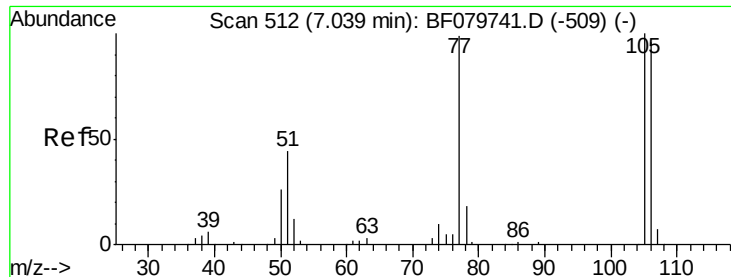


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.34 ng

RT: 7.03 min Scan# 511

Delta R.T. -0.01 min

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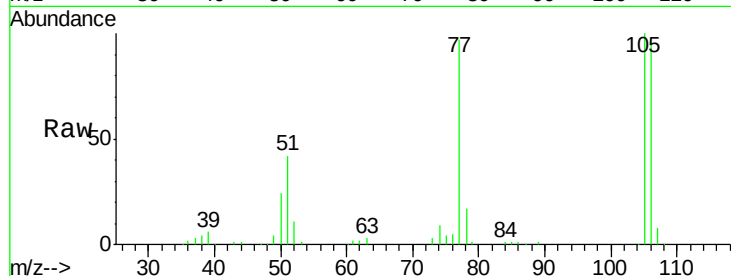
Tgt Ion: 77 Resp: 97676

Ion Ratio Lower Upper

77 100

105 103.1 66.1 106.1

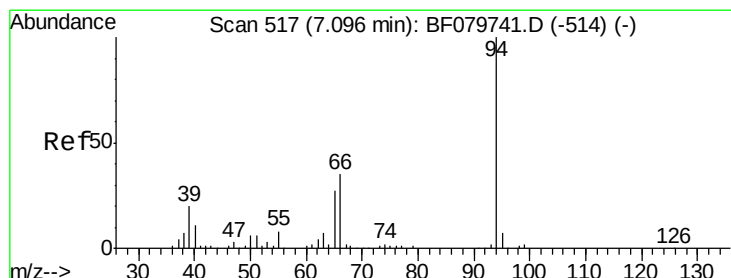
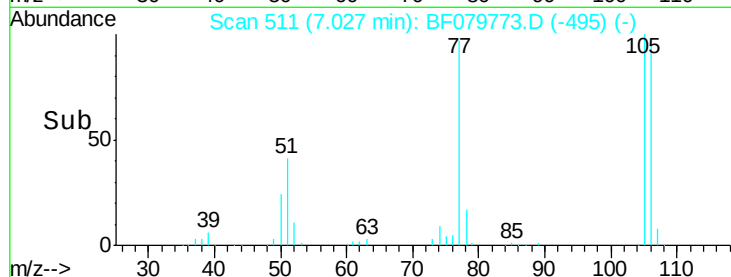
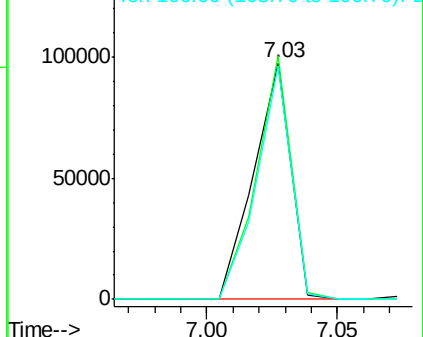
106 98.8 61.9 101.9



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: 45.45 ng

RT: 7.08 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

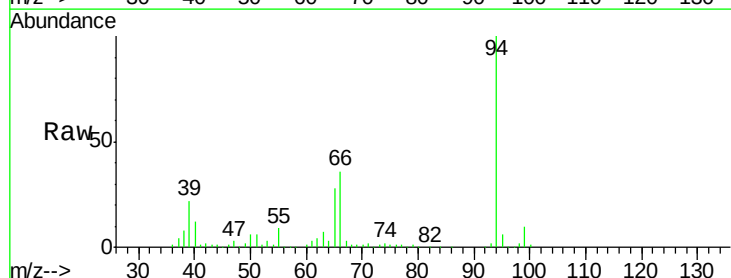
Tgt Ion: 94 Resp: 199851

Ion Ratio Lower Upper

94 100

65 27.8 5.3 45.3

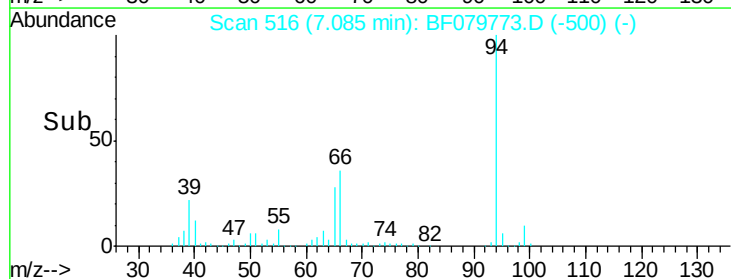
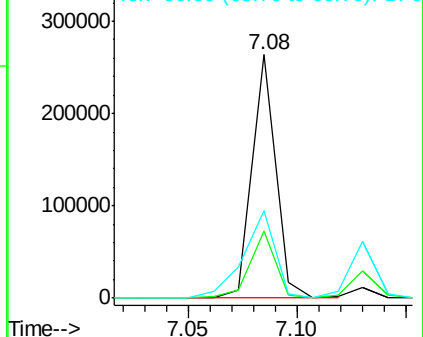
66 36.1 11.3 51.3

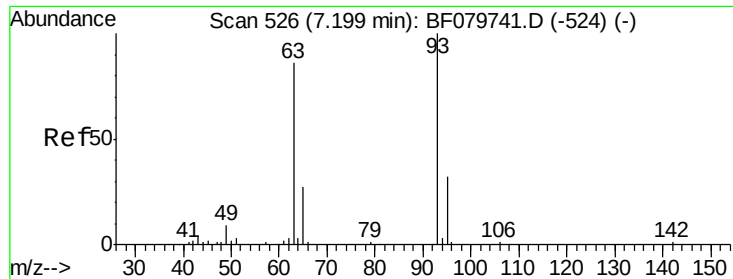


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.27 ng

RT: 7.19 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

Instrument :

BNA_F

ClientSampleId :

PB83864BS

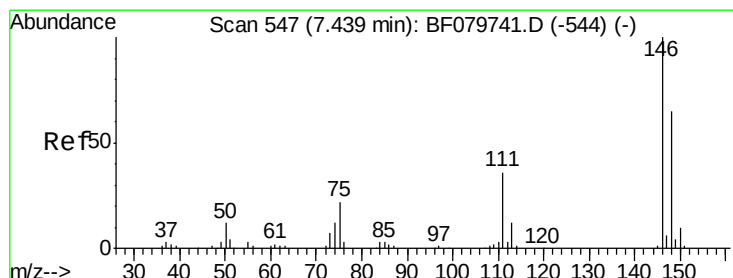
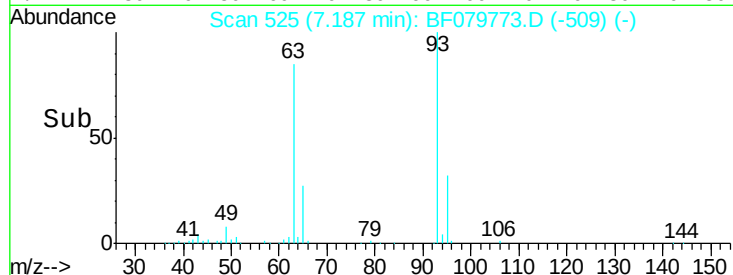
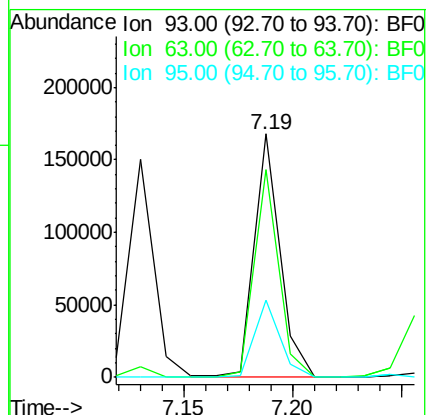
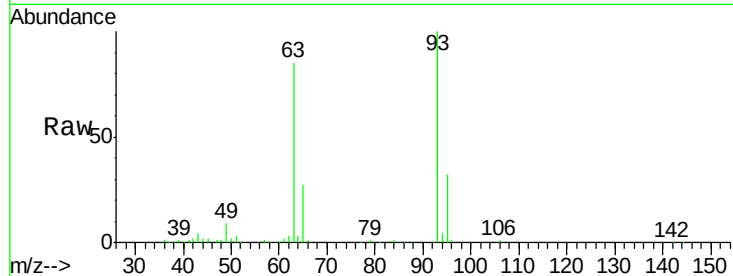
Tgt Ion: 93 Resp: 137306

Ion Ratio Lower Upper

93 100

63 85.1 58.7 98.7

95 31.7 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 37.20 ng

RT: 7.43 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

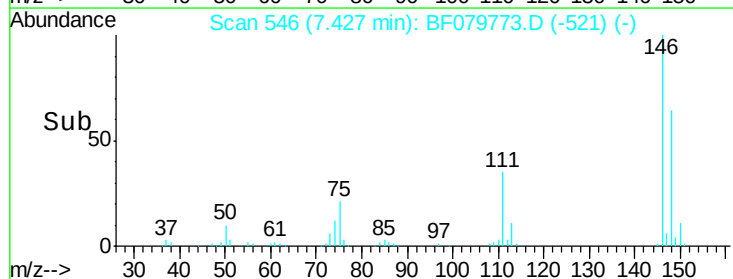
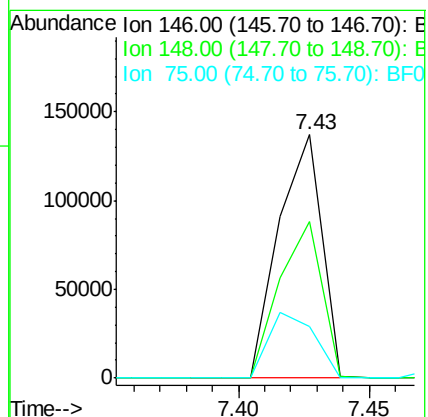
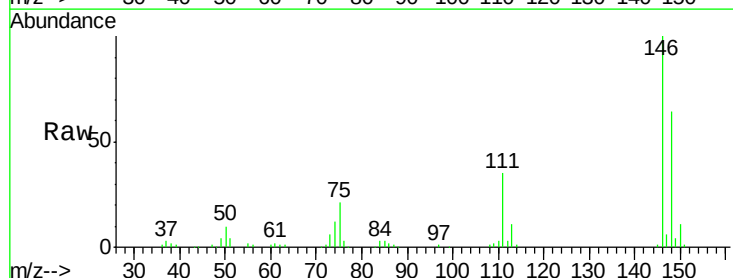
Tgt Ion: 146 Resp: 157648

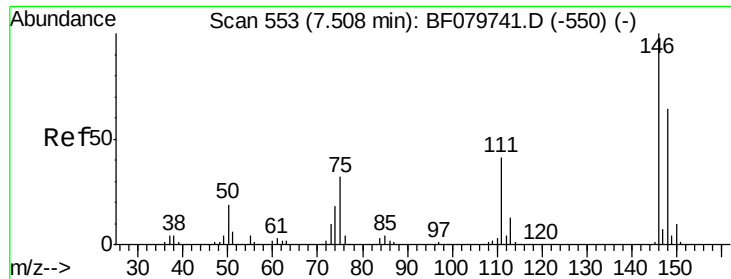
Ion Ratio Lower Upper

146 100

148 64.2 51.6 77.4

75 21.1 29.0 43.6#

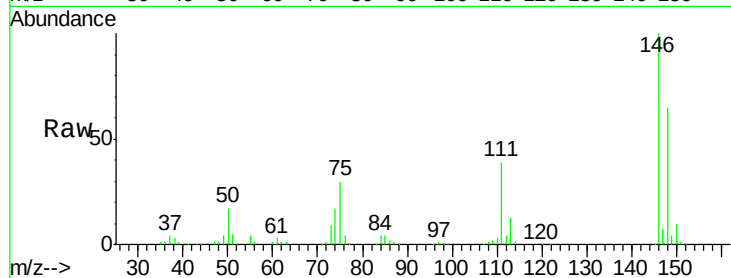




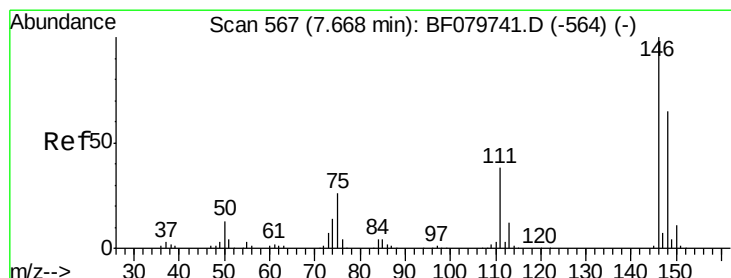
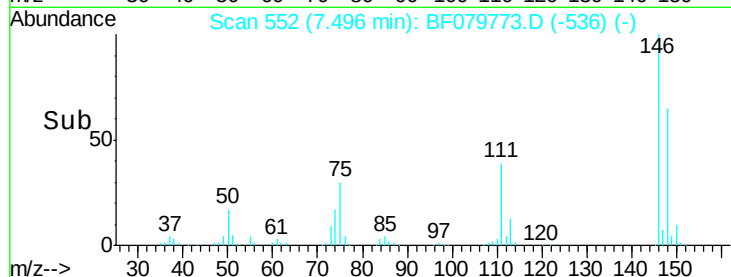
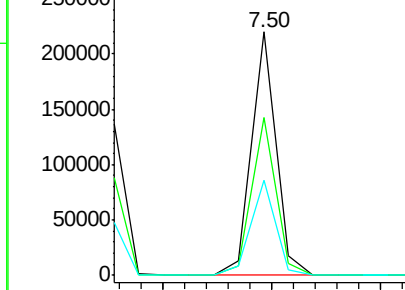
#13
 1,4-Dichlorobenzene
 Concen: 38.22 ng
 RT: 7.50 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Instrument :
 BNA_F
 ClientSampled :
 PB83864BS

Tgt Ion:146 Resp: 171884
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.0
 111 39.2 30.1 45.1

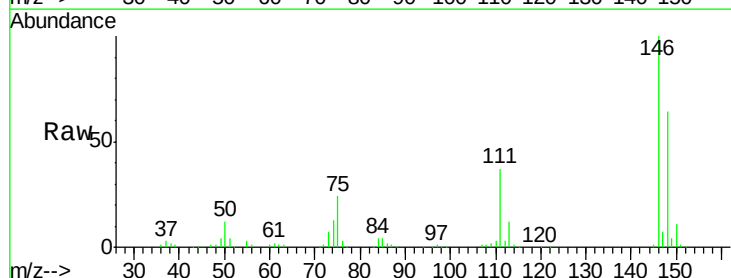


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

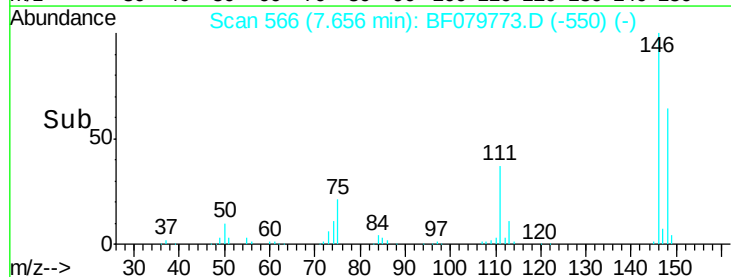
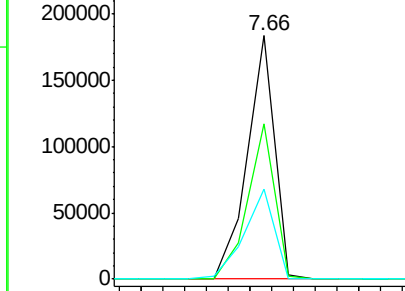


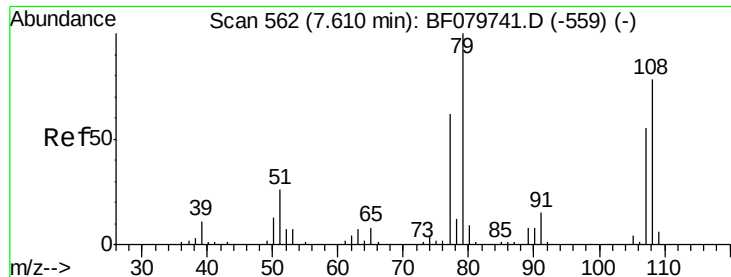
#14
 1,2-Dichlorobenzene
 Concen: 37.83 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Tgt Ion:146 Resp: 158916
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.4
 111 37.0 27.9 41.9



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





#15

Benzyl Alcohol

Concen: 40.22 ng

RT: 7.60 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

Instrument :

BNA_F

ClientSampleId :

PB83864BS

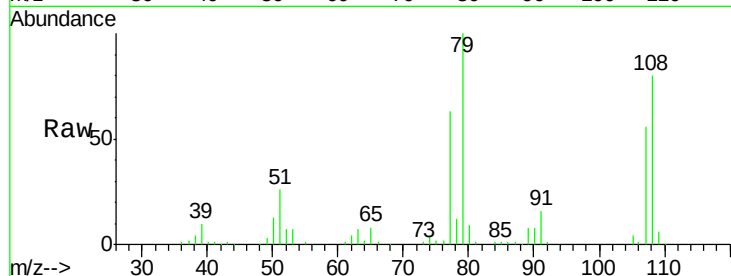
Tgt Ion: 79 Resp: 134258

Ion Ratio Lower Upper

79 100

108 80.2 68.4 102.6

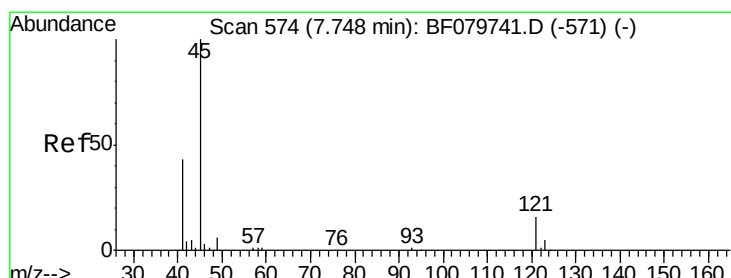
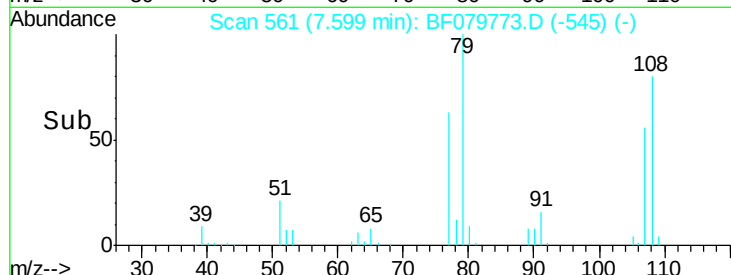
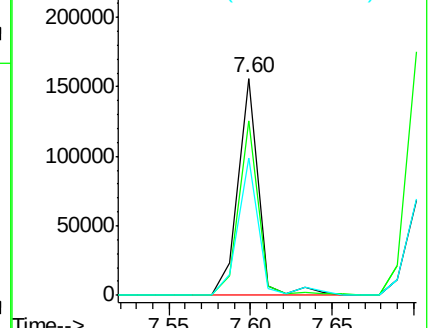
77 63.5 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.97 ng

RT: 7.74 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

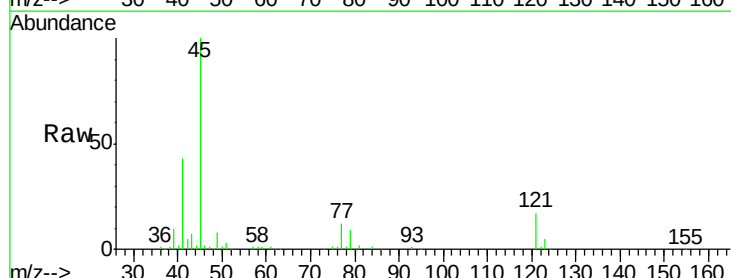
Tgt Ion: 45 Resp: 195818

Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.7

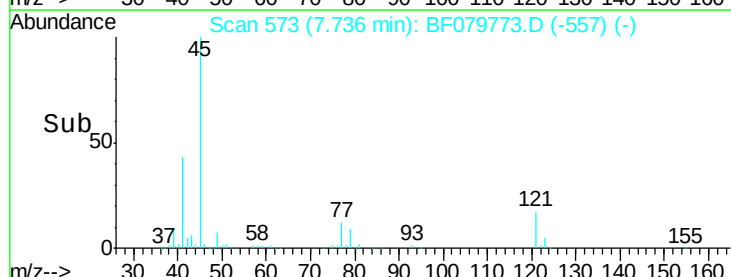
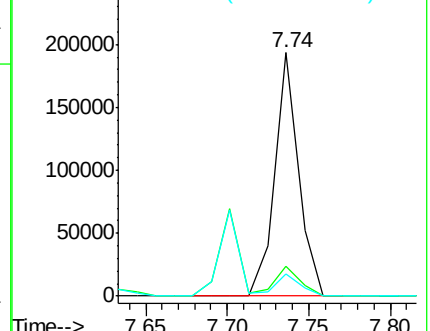
79 9.2 0.0 29.9

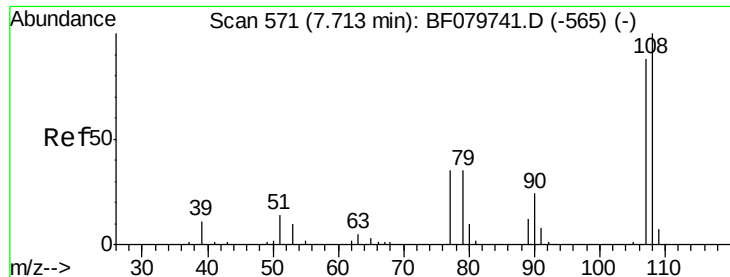


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

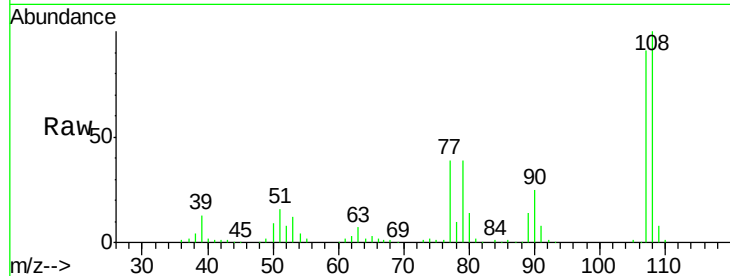




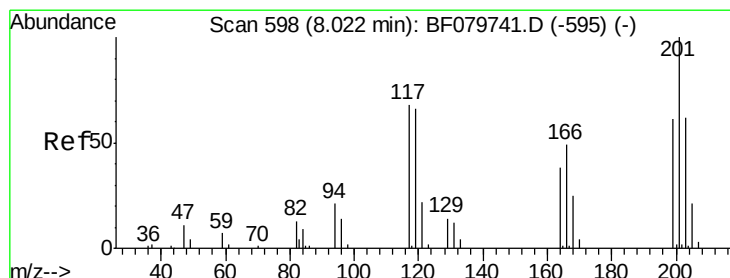
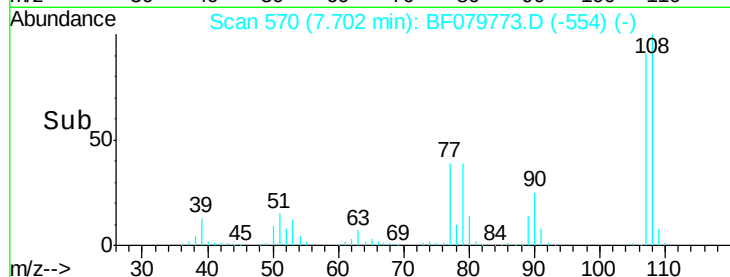
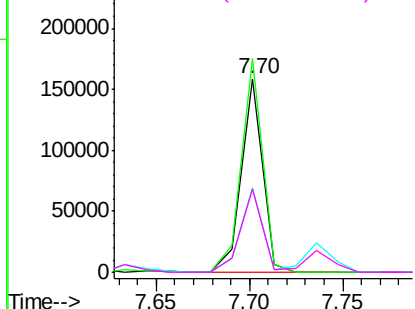
#17
2-Methylphenol
Concen: 40.16 ng
RT: 7.70 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF079773.D
Acq: 6 Jun 2015 17:15

Instrument :
BNA_F
ClientSampleId :
PB83864BS

Tgt Ion:107 Resp: 126801
Ion Ratio Lower Upper
107 100
108 110.2 91.8 137.8
77 43.4 31.4 47.2
79 43.2 31.3 46.9

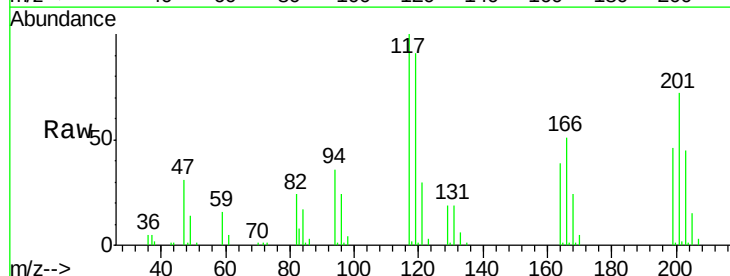


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

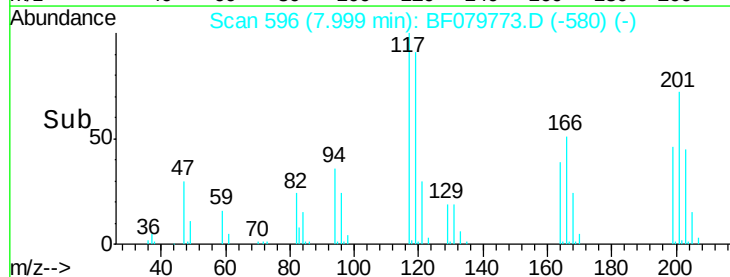
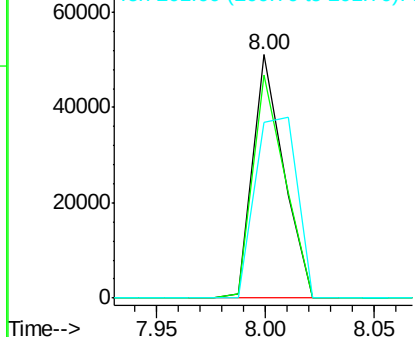


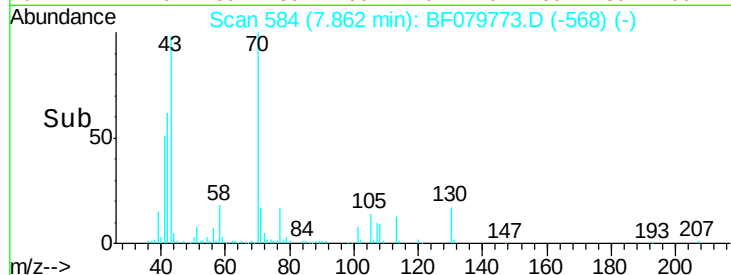
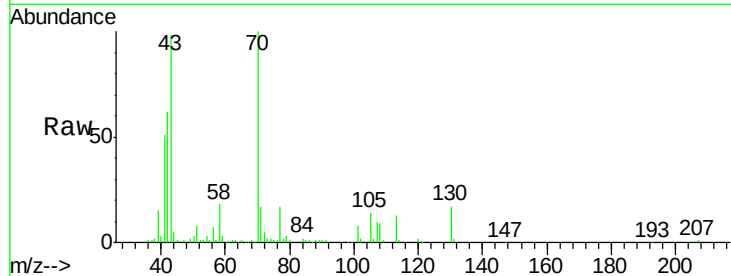
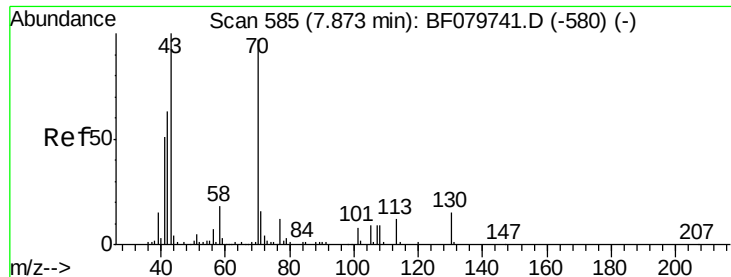
#18
Hexachloroethane
Concen: 38.60 ng
RT: 8.00 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF079773.D
Acq: 6 Jun 2015 17:15

Tgt Ion:117 Resp: 50434
Ion Ratio Lower Upper
117 100
119 91.5 75.5 113.3
201 72.4 66.4 99.6



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

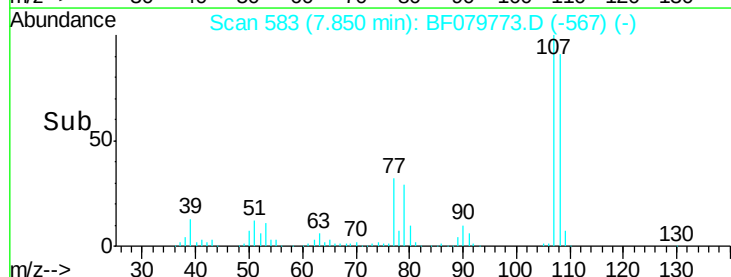
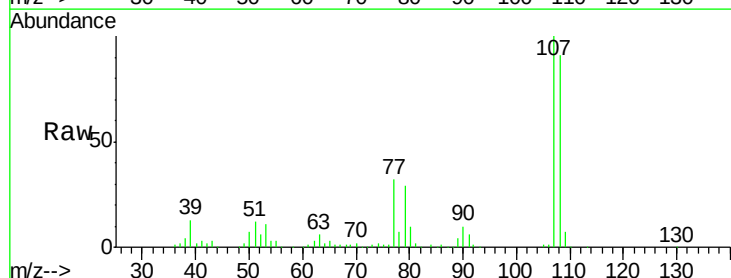
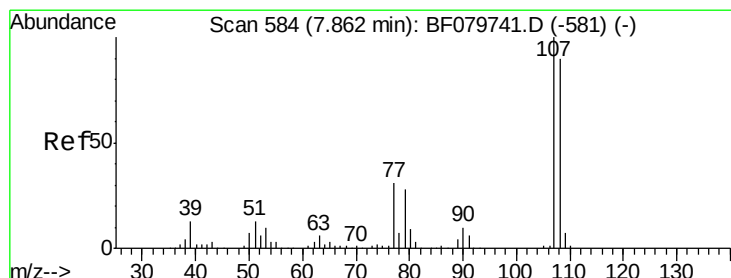
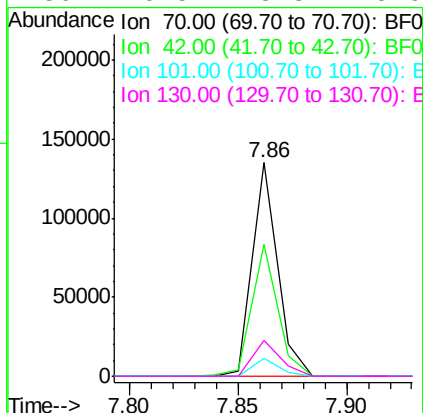




#19
n-Nitroso-di-n-propylamine
Concen: 38.88 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF079773.D
Acq: 6 Jun 2015 17:15

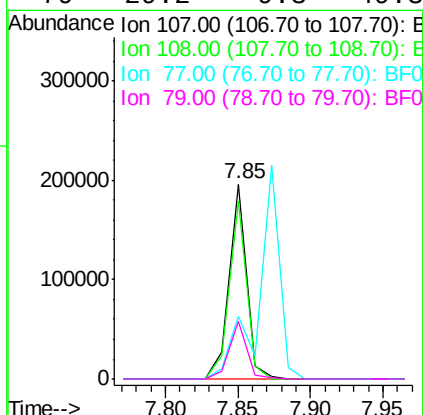
Instrument :
BNA_F
ClientSampleId :
PB83864BS

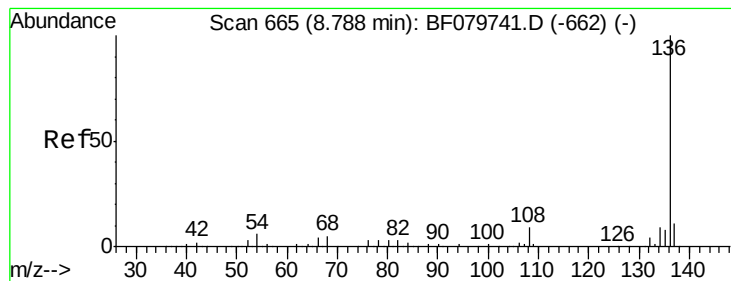
Tgt Ion:	70	Resp:	108958
Ion	Ratio	Lower	Upper
70	100		
42	61.7	51.1	76.7
101	8.3	7.0	10.6
130	16.5	13.3	19.9



#20
3+4-Methylphenols
Concen: 40.85 ng
RT: 7.85 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF079773.D
Acq: 6 Jun 2015 17:15

Tgt Ion:	107	Resp:	164367
Ion	Ratio	Lower	Upper
107	100		
108	91.4	75.2	115.2
77	32.5	10.3	50.3
79	29.2	9.3	49.3

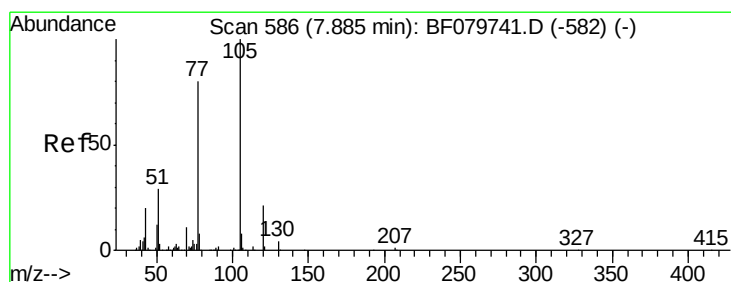
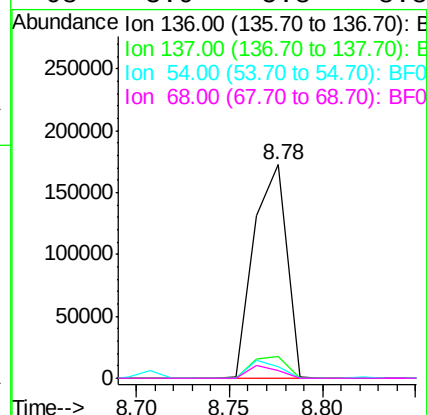
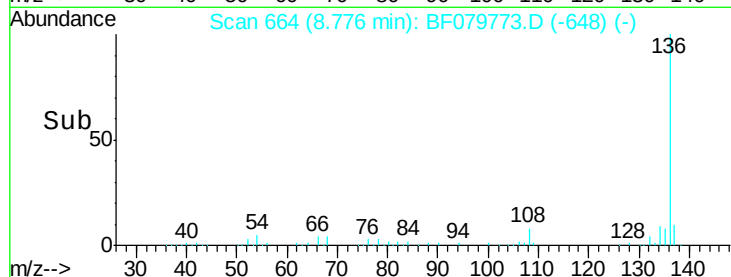
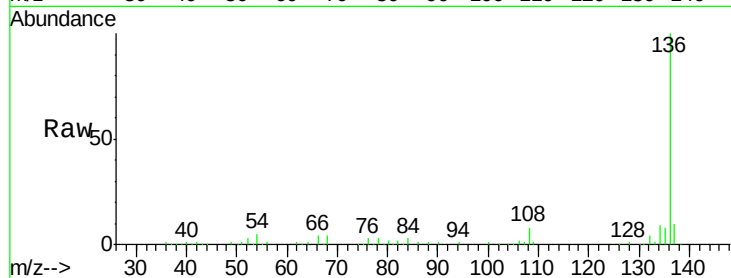




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.78 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF079773.D
Acq: 6 Jun 2015 17:15

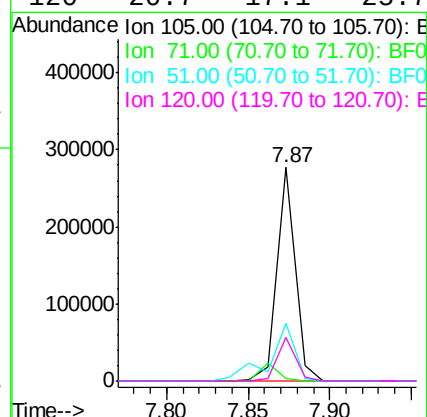
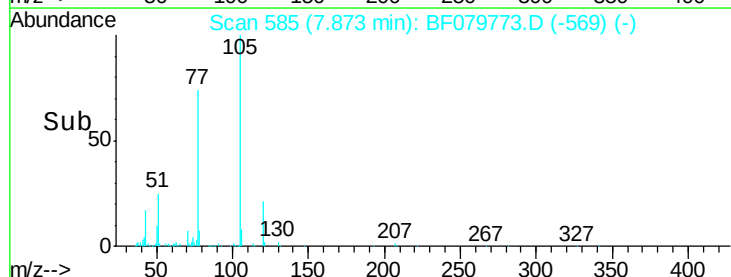
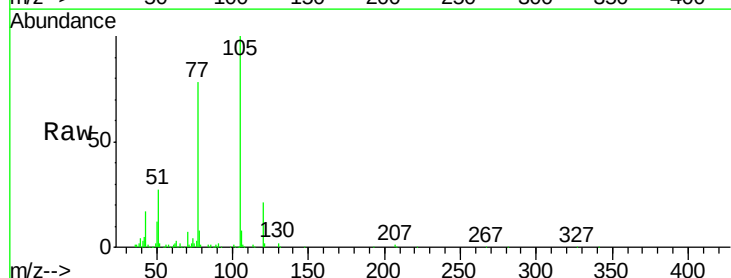
Instrument :
BNA_F
ClientSampleId :
PB83864BS

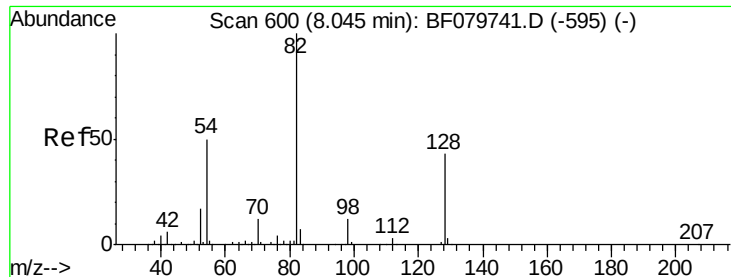
Tgt Ion:	136	Resp:	210124
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	5.3	8.7	13.1#
68	3.9	5.8	8.8#



#22
Acetophenone
Concen: 43.48 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF079773.D
Acq: 6 Jun 2015 17:15

Tgt Ion:	105	Resp:	217959
Ion	Ratio	Lower	Upper
105	100		
71	1.2	0.9	1.3
51	27.2	21.3	31.9
120	20.7	17.1	25.7

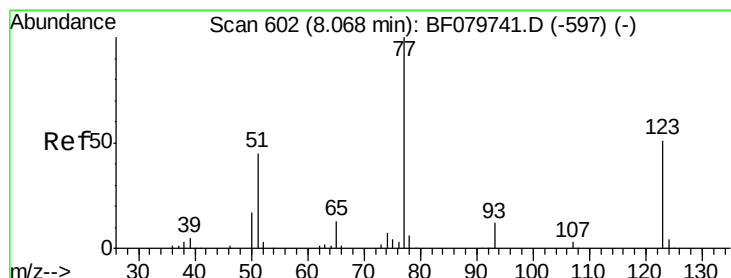
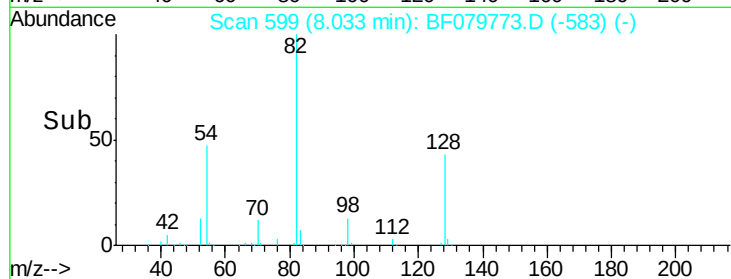
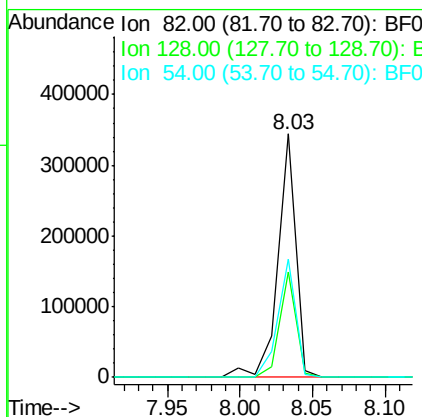
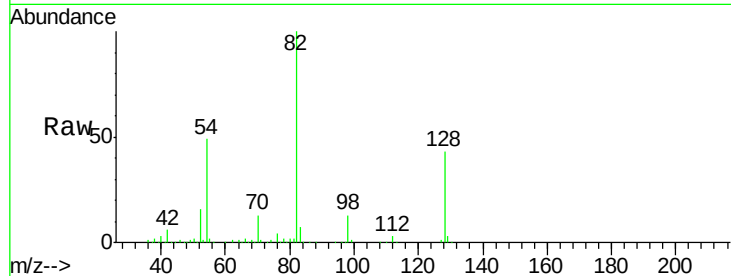




#23
 Nitrobenzene-d5
 Concen: 86.09 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

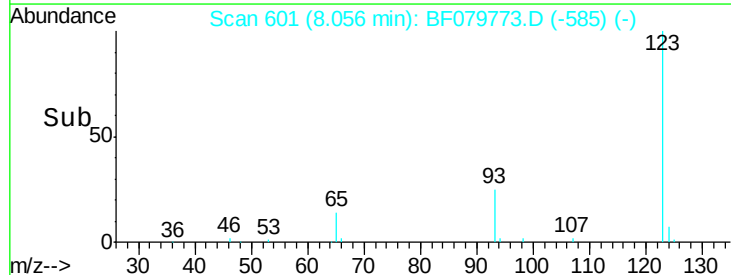
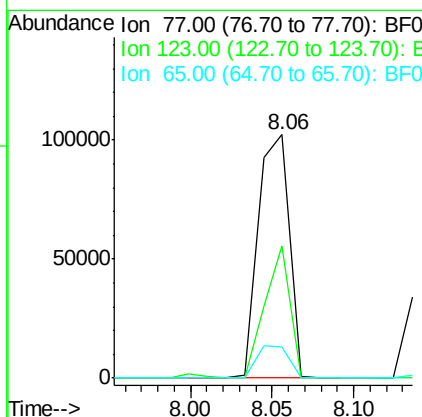
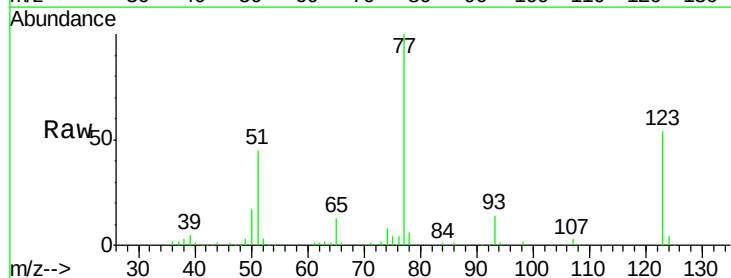
Instrument :
 BNA_F
 ClientSampleId :
 PB83864BS

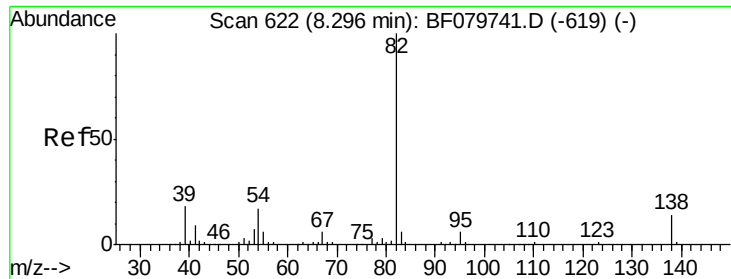
Tgt Ion: 82 Resp: 294639
 Ion Ratio Lower Upper
 82 100
 128 43.1 37.6 56.4
 54 48.6 39.4 59.2



#24
 Nitrobenzene
 Concen: 39.62 ng
 RT: 8.06 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Tgt Ion: 77 Resp: 135237
 Ion Ratio Lower Upper
 77 100
 123 54.3 28.1 42.1#
 65 12.6 10.9 16.3





#25

Isophorone

Concen: 39.52 ng

RT: 8.28 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

Instrument :

BNA_F

ClientSampleId :

PB83864BS

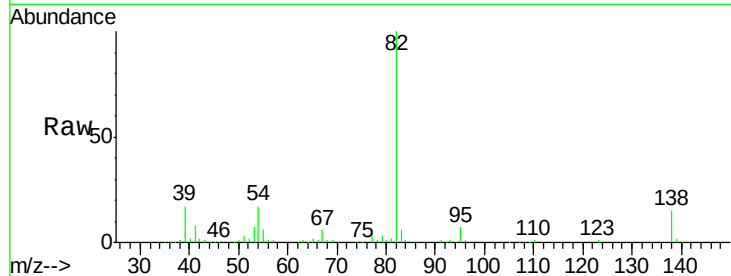
Tgt Ion: 82 Resp: 276073

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

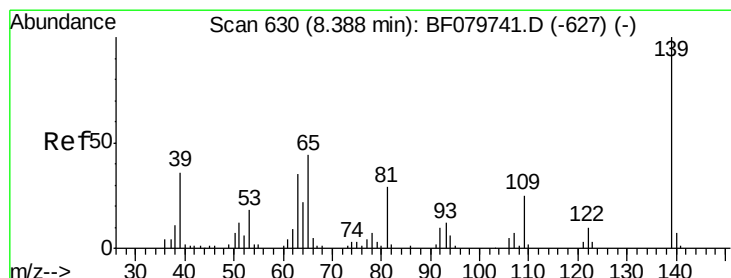
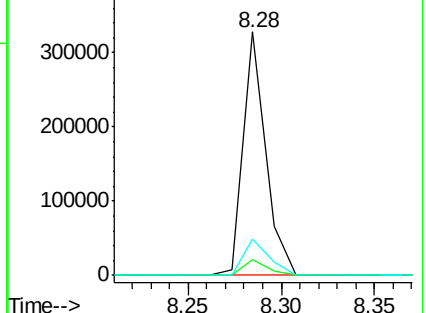
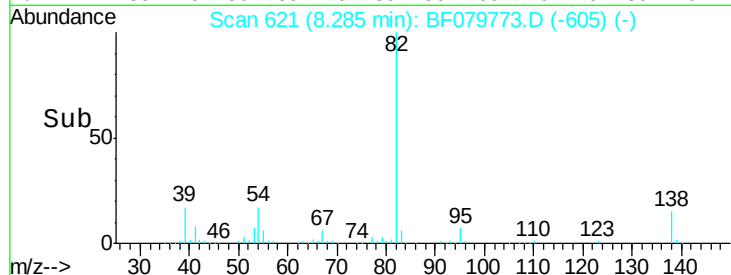
138 14.9 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.41 ng

RT: 8.38 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

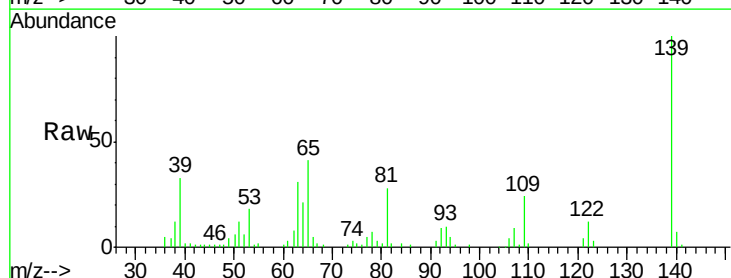
Tgt Ion: 139 Resp: 55219

Ion Ratio Lower Upper

139 100

109 23.9 17.5 26.3

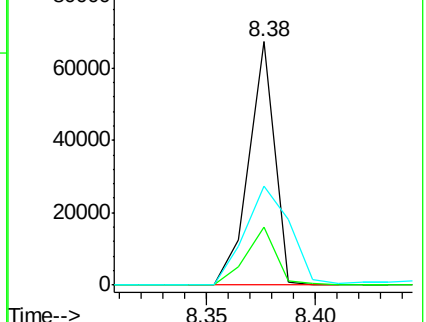
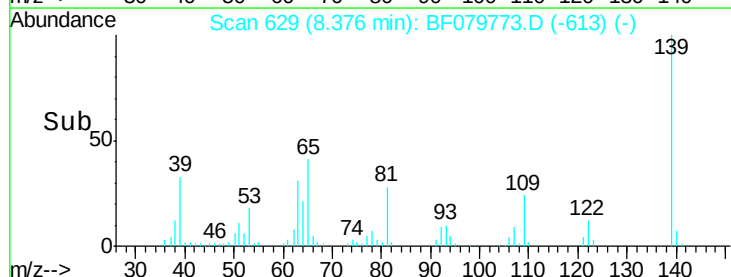
65 40.6 34.6 52.0

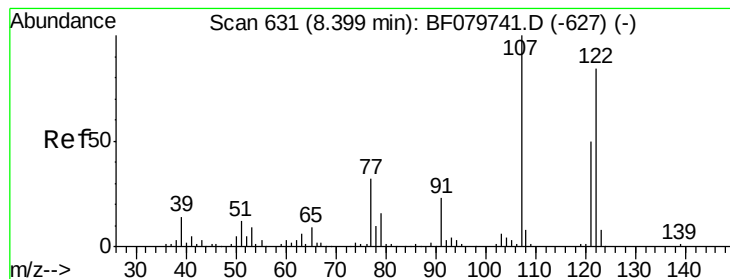


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.05 ng

RT: 8.39 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

Instrument :

BNA_F

ClientSampled :

PB83864BS

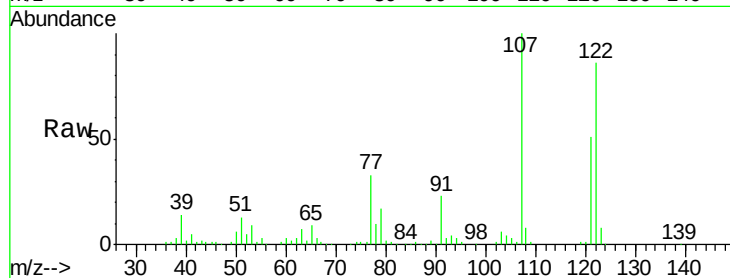
Tgt Ion:122 Resp: 139304

Ion Ratio Lower Upper

122 100

107 115.9 88.5 132.7

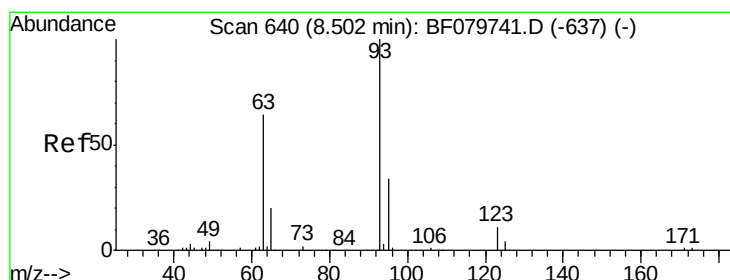
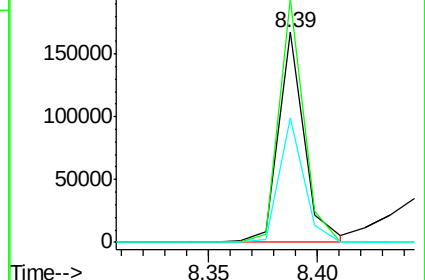
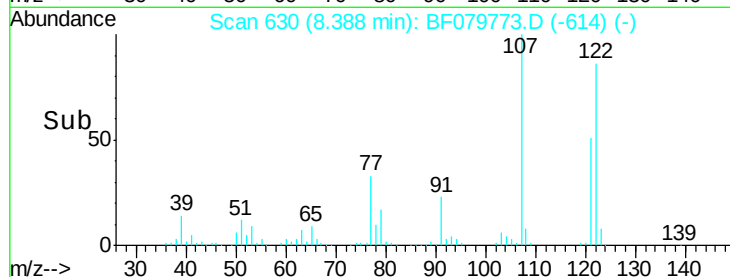
121 59.6 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.60 ng

RT: 8.49 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

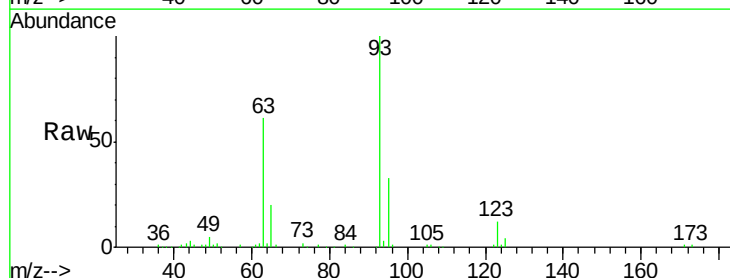
Tgt Ion: 93 Resp: 166635

Ion Ratio Lower Upper

93 100

95 32.9 25.5 38.3

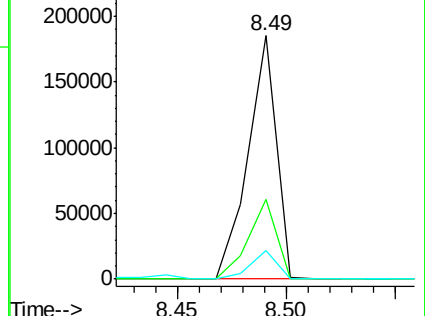
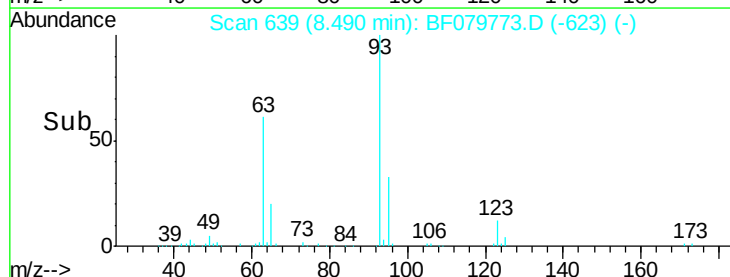
123 11.8 7.3 10.9#

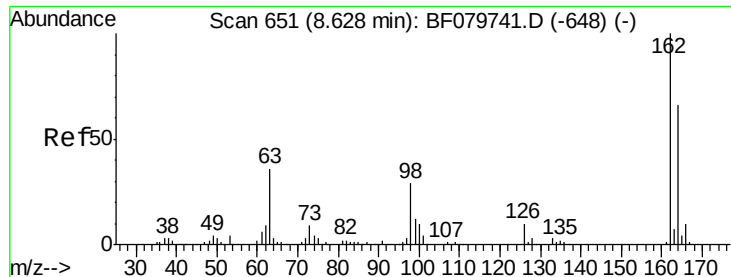


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

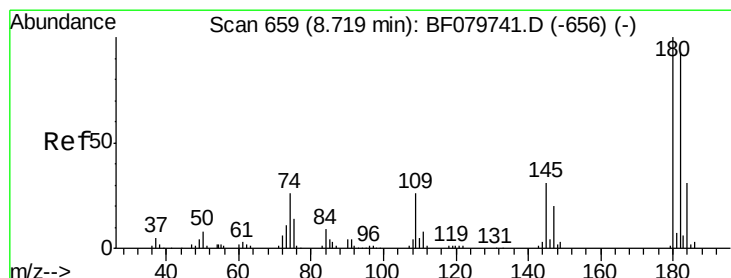
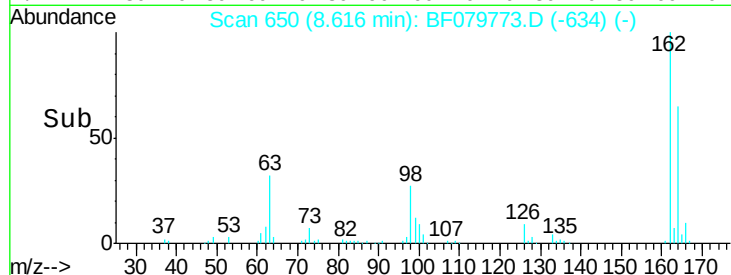
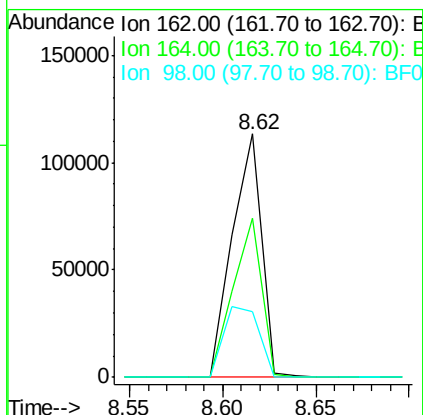
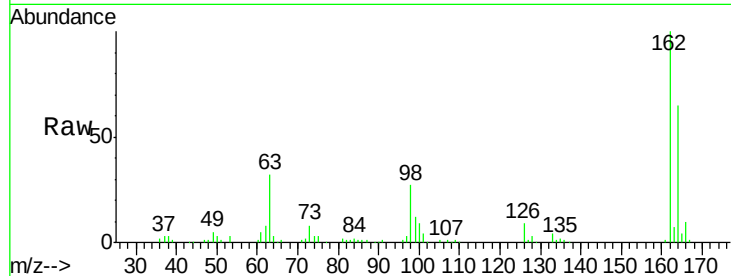




#29
 2,4-Dichlorophenol
 Concen: 43.08 ng
 RT: 8.62 min Scan# 650
 Delta R.T. -0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

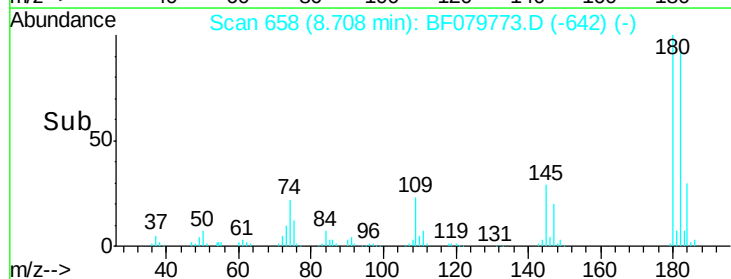
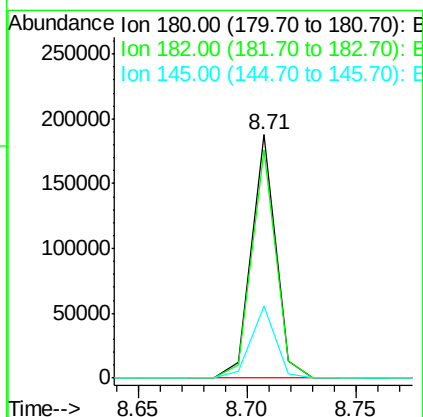
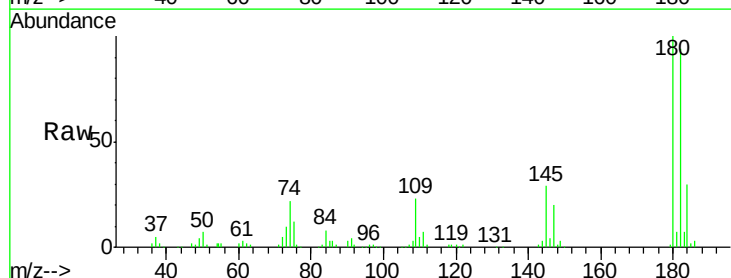
Instrument :
 BNA_F
 ClientSampleId :
 PB83864BS

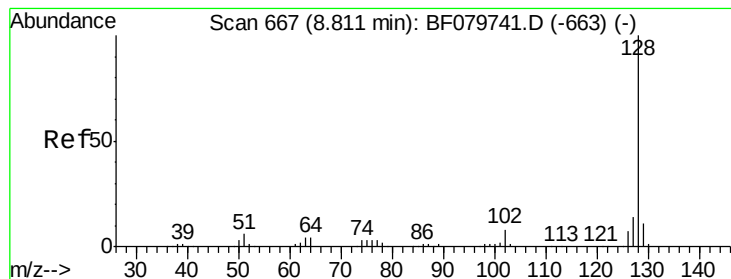
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	42.8	82.8
98	27.1	23.2	63.2



#30
 1,2,4-Trichlorobenzene
 Concen: 41.51 ng
 RT: 8.71 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	78.4	117.6
145	29.4	22.3	33.5





#31

Naphthalene

Concen: 37.11 ng

RT: 8.79 min Scan# 665

Delta R.T. -0.02 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

Instrument :

BNA_F

ClientSampleId :

PB83864BS

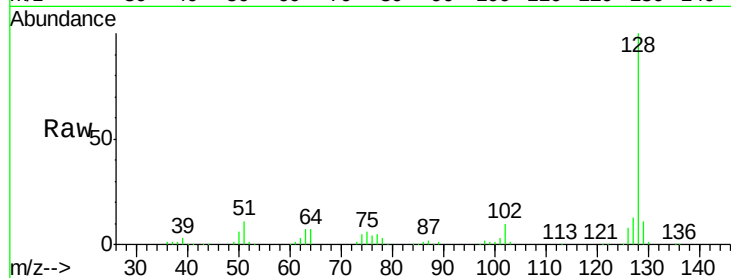
Tgt Ion:128 Resp: 409099

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

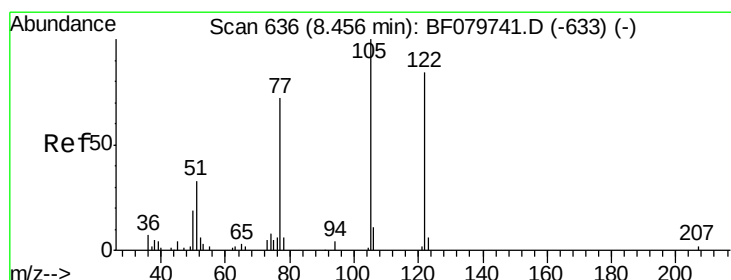
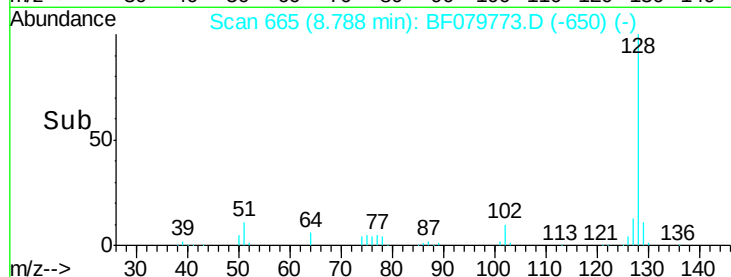
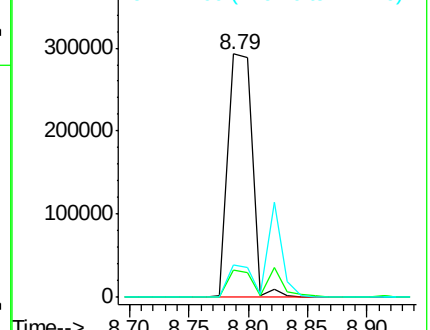
127 13.2 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.73 ng

RT: 8.44 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

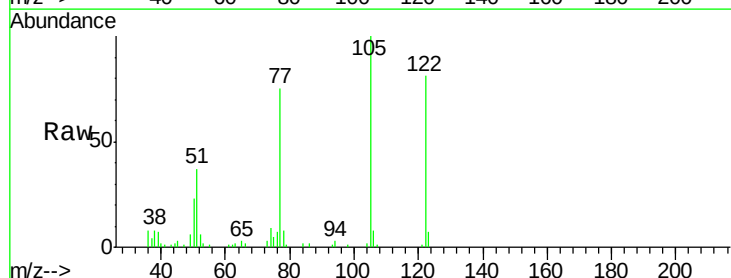
Tgt Ion:122 Resp: 57633

Ion Ratio Lower Upper

122 100

105 123.9 106.7 146.7

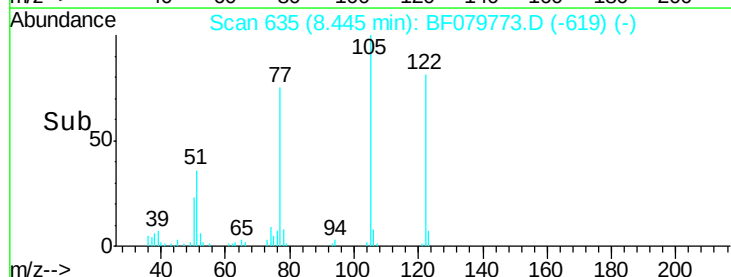
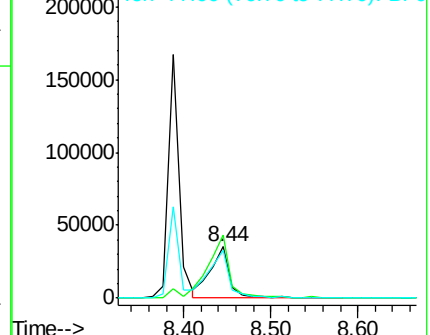
77 92.9 68.9 108.9

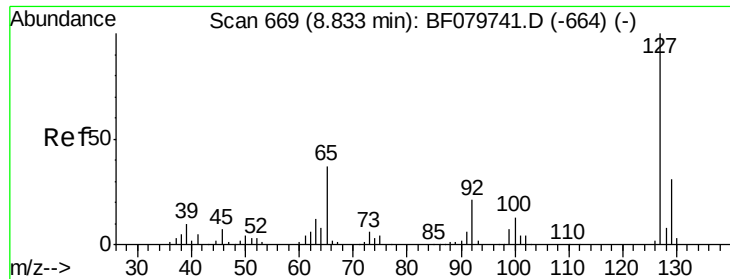


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

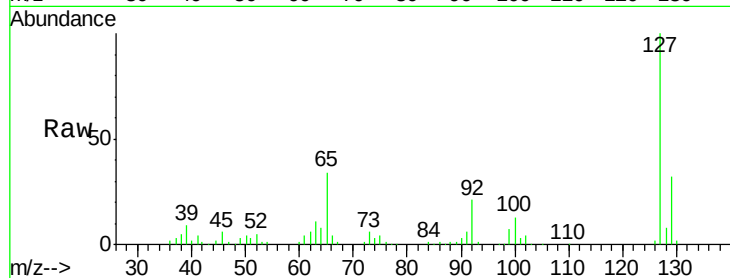




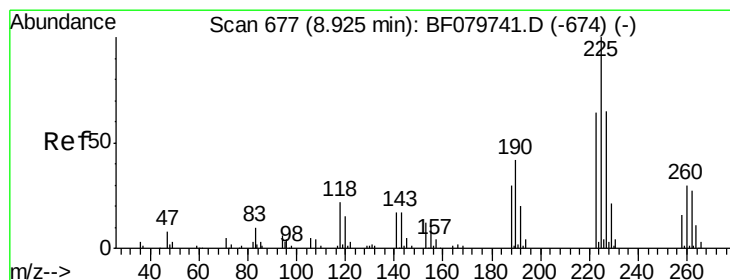
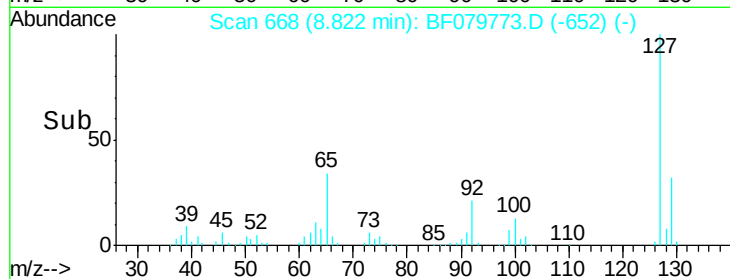
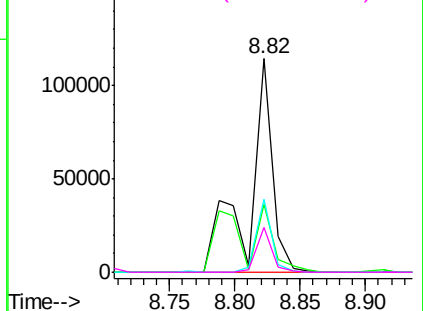
#33
4-Chloroaniline
Concen: 26.29 ng
RT: 8.82 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF079773.D
Acq: 6 Jun 2015 17:15

Instrument :
BNA_F
ClientSampleId :
PB83864BS

Tgt Ion:	127	Resp:	147244
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.8	40.2
65	34.1	22.9	34.3
92	20.9	15.2	22.8

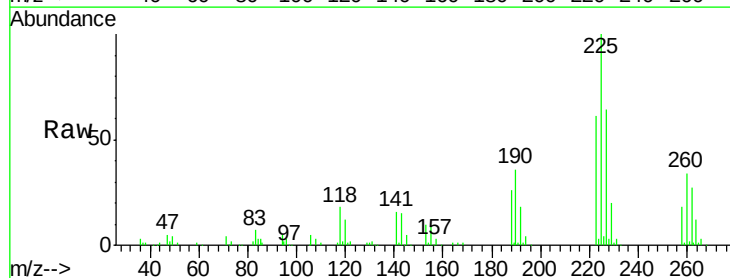


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

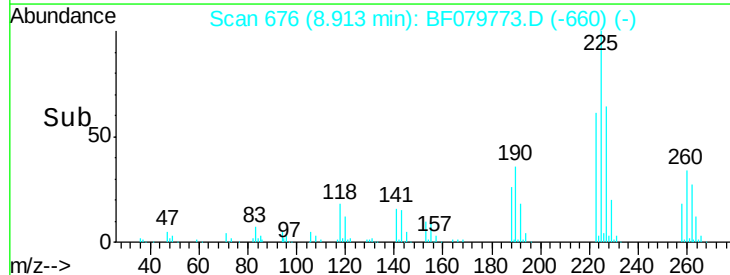
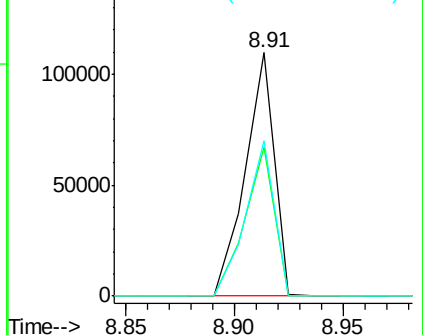


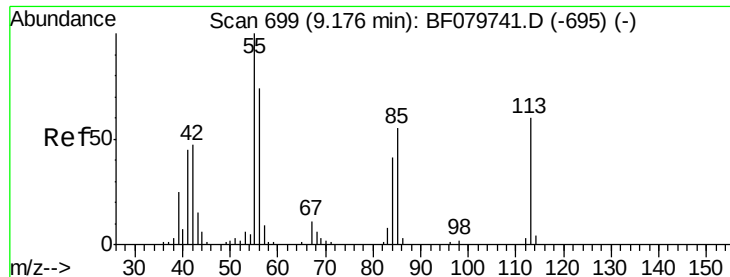
#34
Hexachlorobutadiene
Concen: 47.23 ng
RT: 8.91 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF079773.D
Acq: 6 Jun 2015 17:15

Tgt Ion:	225	Resp:	101257
Ion	Ratio	Lower	Upper
225	100		
223	61.1	51.9	77.9
227	63.7	52.0	78.0



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

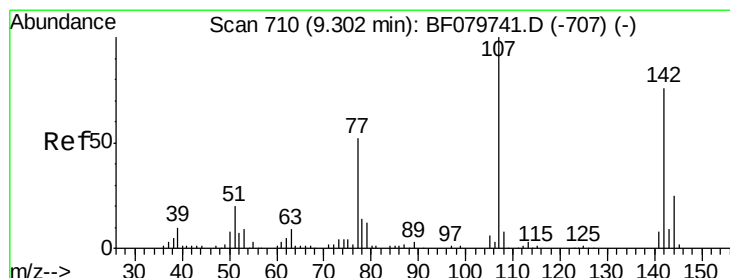
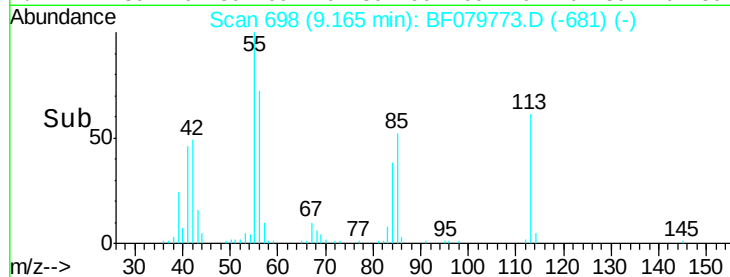
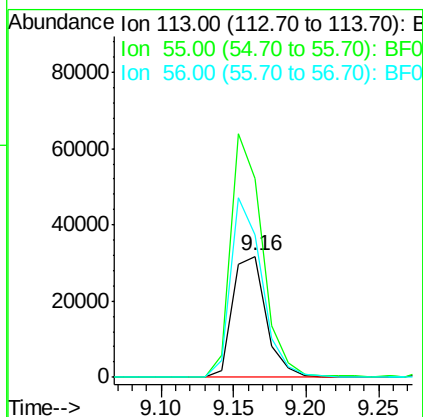
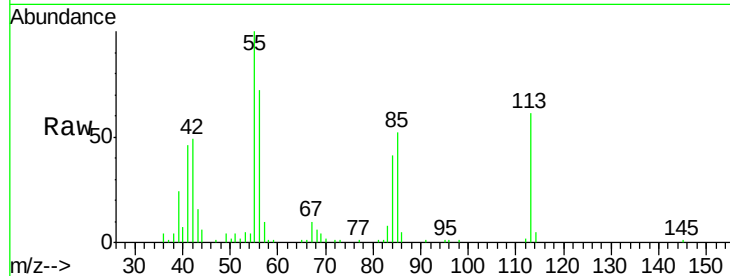




#35
 Caprolactam
 Concen: 57.52 ng
 RT: 9.16 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

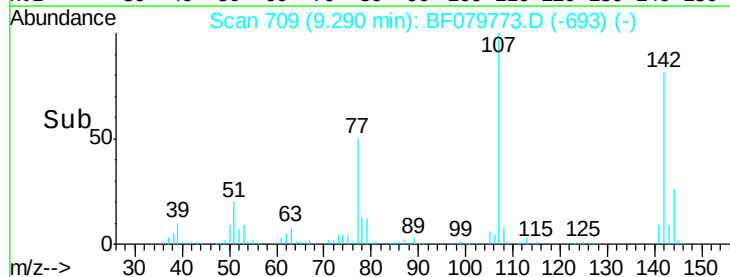
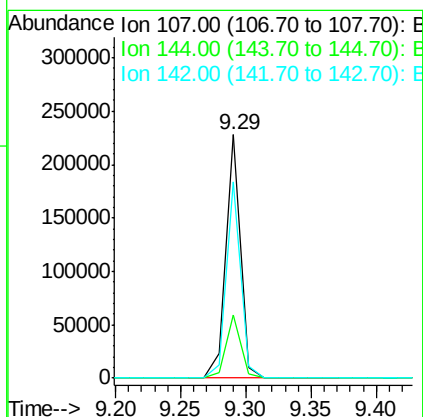
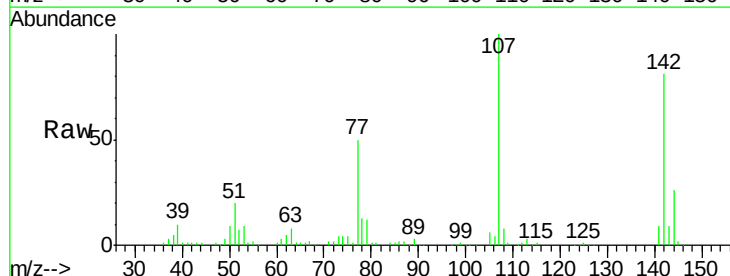
Instrument :
 BNA_F
 ClientSampleId :
 PB83864BS

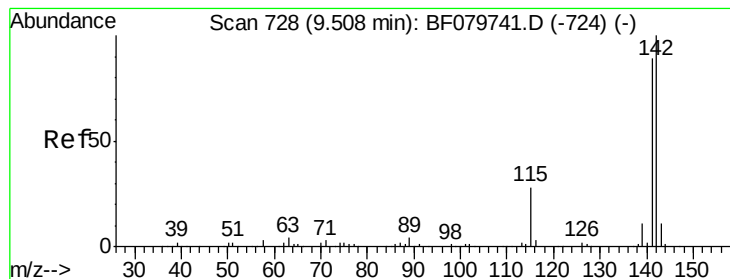
Tgt Ion:113 Resp: 50854
 Ion Ratio Lower Upper
 113 100
 55 164.1 186.6 226.6#
 56 117.6 137.8 177.8#



#36
 4-Chloro-3-methylphenol
 Concen: 55.45 ng
 RT: 9.29 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Tgt Ion:107 Resp: 179859
 Ion Ratio Lower Upper
 107 100
 144 26.1 24.5 36.7
 142 80.5 74.6 112.0

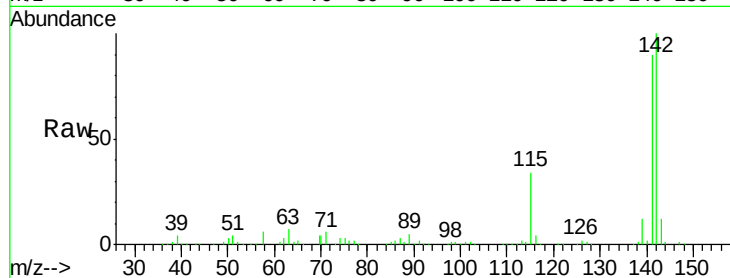




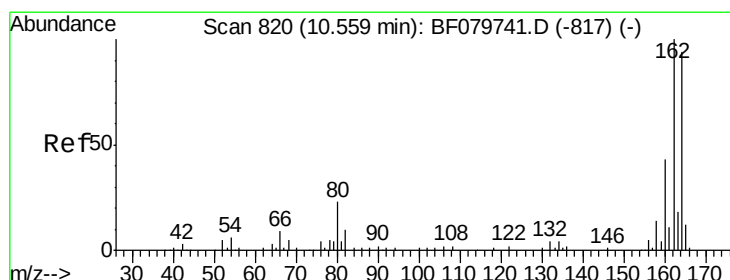
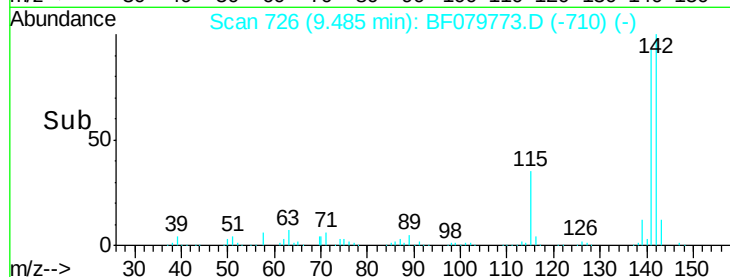
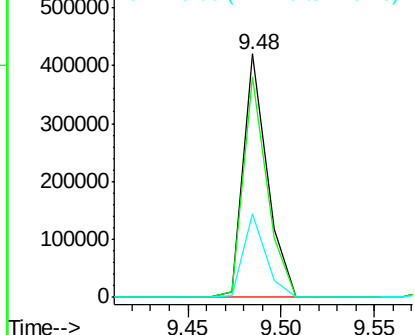
#37
 2-Methylnaphthalene
 Concen: 53.51 ng
 RT: 9.48 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Instrument :
 BNA_F
 ClientSampled :
 PB83864BS

Tgt Ion:142 Resp: 374979
 Ion Ratio Lower Upper
 142 100
 141 90.5 72.8 109.2
 115 34.1 26.9 40.3

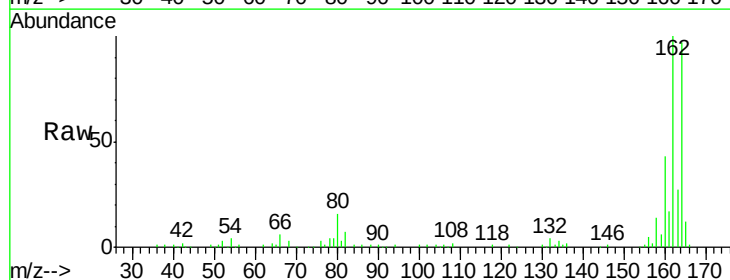


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

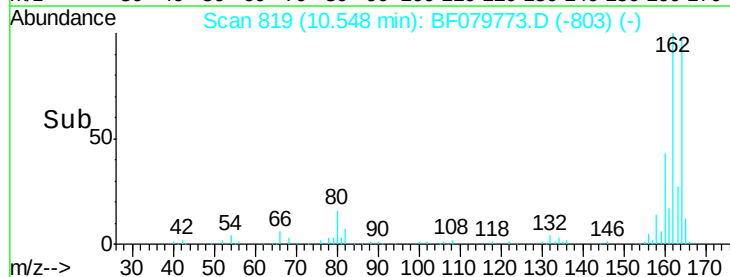
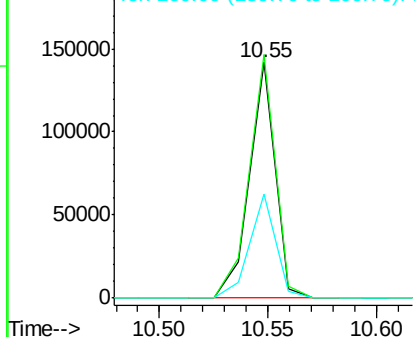


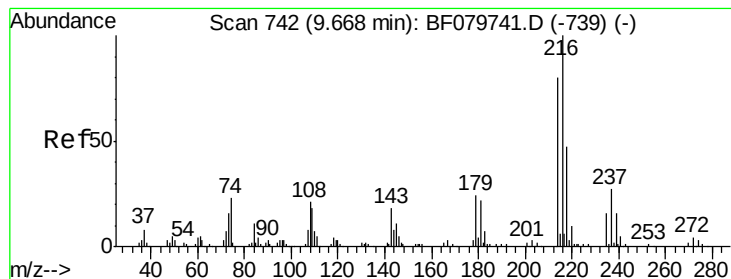
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.55 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Tgt Ion:164 Resp: 115939
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 44.1 36.8 55.2



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: 50.45 ng

RT: 9.66 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

Instrument :

BNA_F

ClientSampleId :

PB83864BS

Tgt Ion:216 Resp: 182164

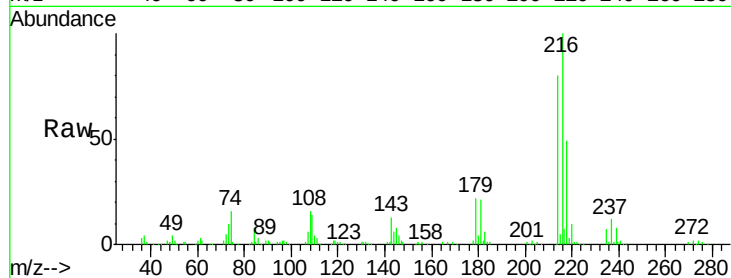
Ion Ratio Lower Upper

216 100

214 80.1 62.2 93.4

179 21.5 16.6 24.8

108 19.9 13.4 20.0

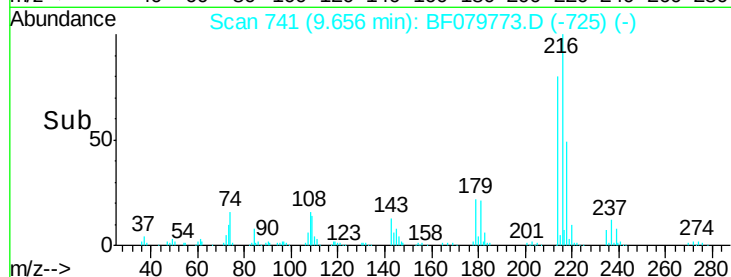


Abundance Ion 216.00 (215.70 to 216.70): E

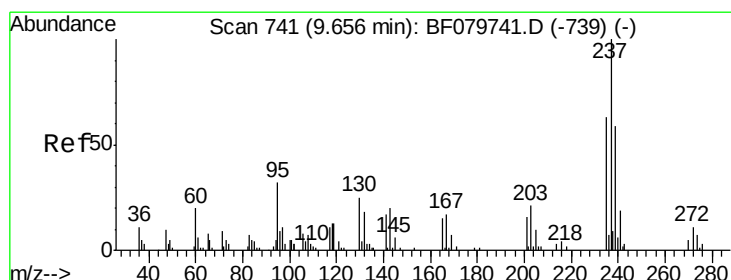
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 114.22 ng

RT: 9.64 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

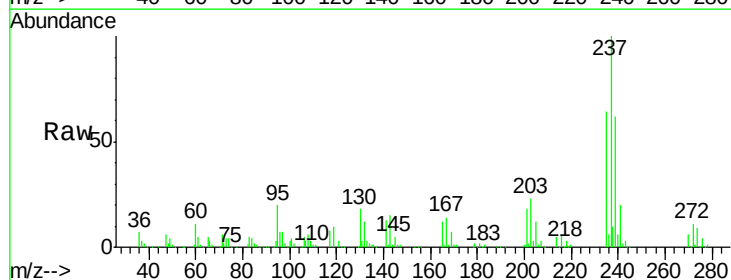
Tgt Ion:237 Resp: 177321

Ion Ratio Lower Upper

237 100

235 63.8 41.9 81.9

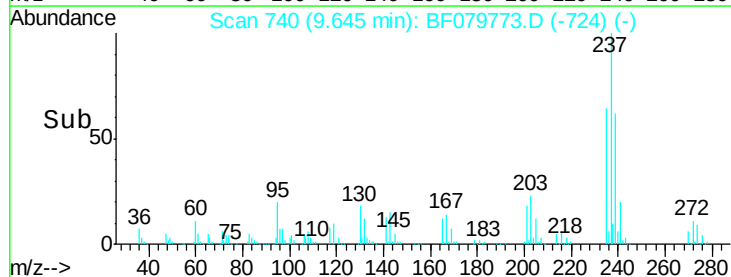
272 11.4 0.0 32.1



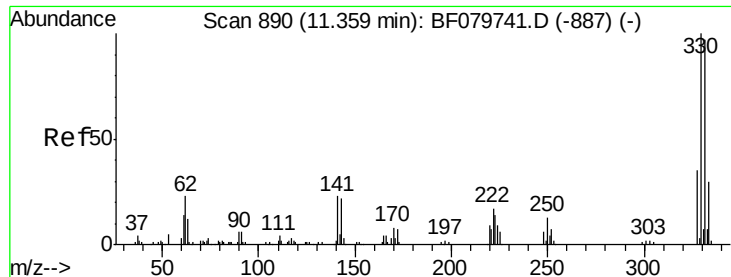
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



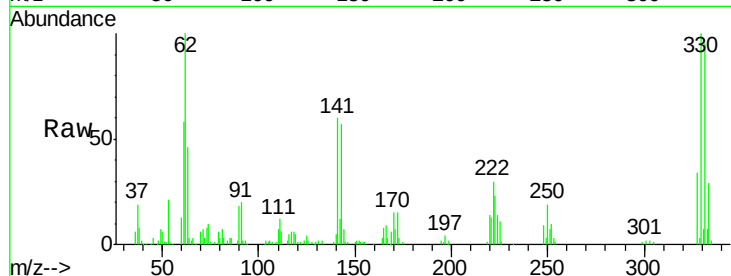
Time-->



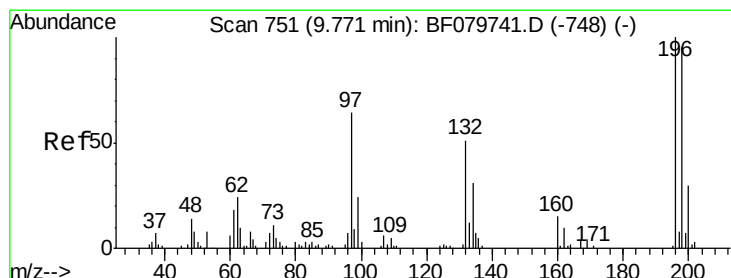
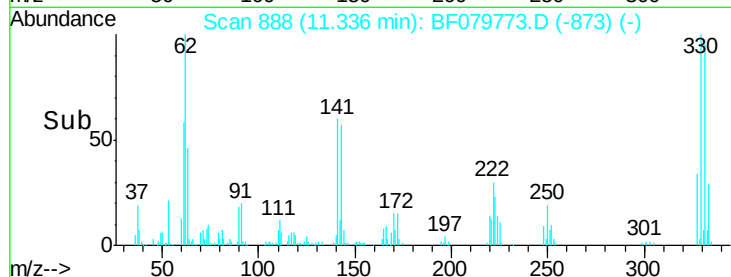
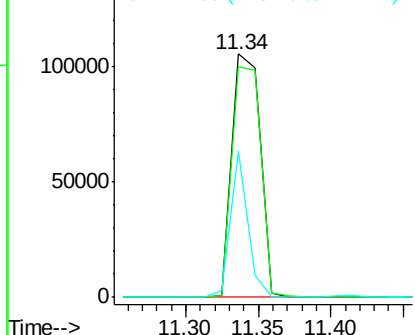
#41
 2,4,6-Tribromophenol
 Concen: 128.66 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83864BS

Tgt Ion:330 Resp: 142669
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.0
 141 36.6 30.2 45.2

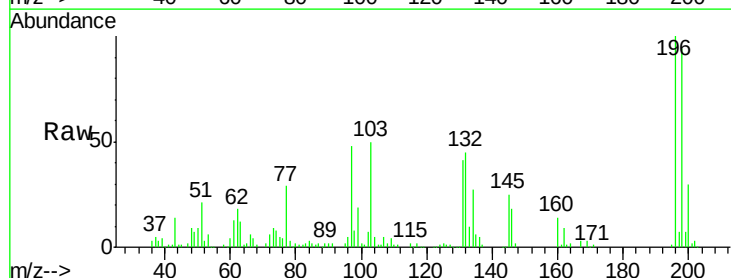


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

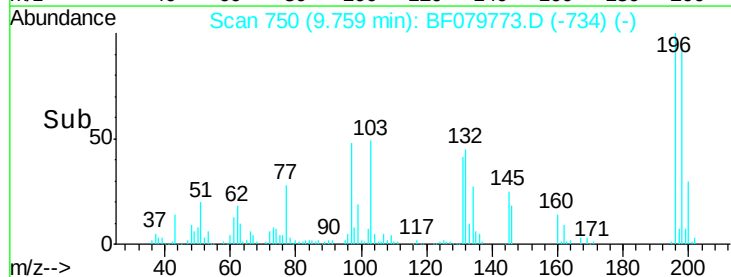
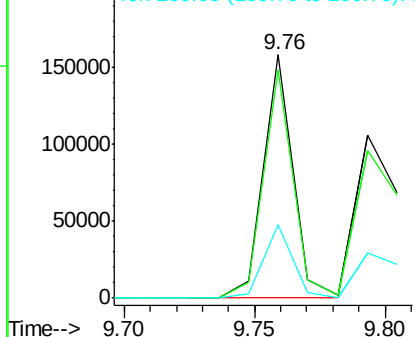


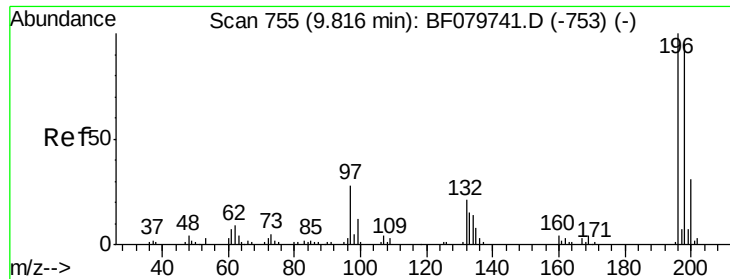
#42
 2,4,6-Trichlorophenol
 Concen: 52.39 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Tgt Ion:196 Resp: 125819
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.8 115.2
 200 30.4 24.5 36.7



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

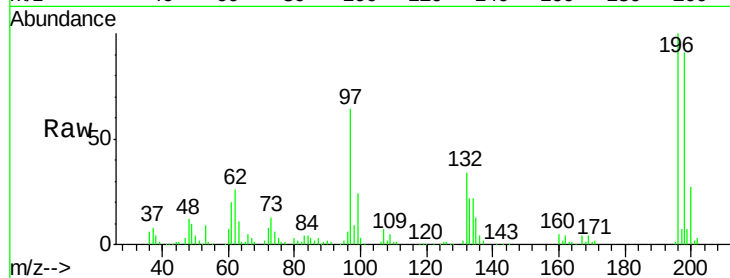




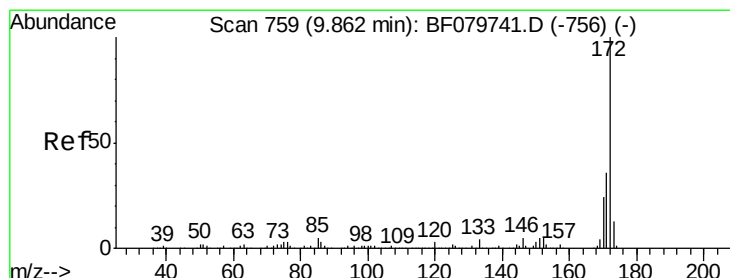
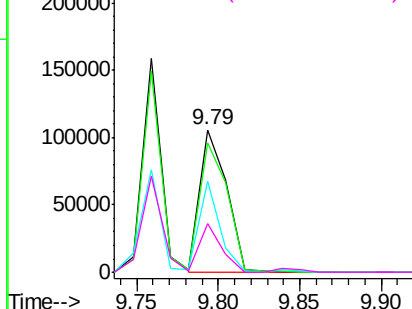
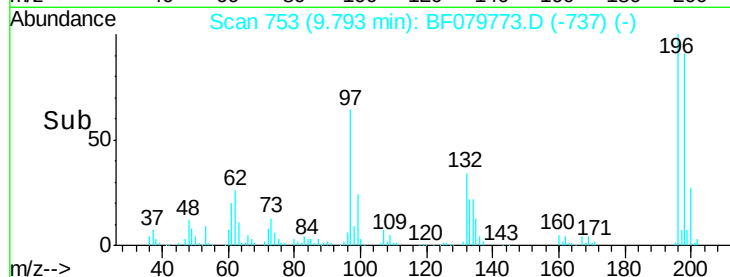
#43
 2,4,5-Trichlorophenol
 Concen: 48.25 ng
 RT: 9.79 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83864BS

Tgt Ion:	196	Resp:	121904
Ion	Ratio	Lower	Upper
196	100		
198	90.6	76.9	115.3
97	64.1	38.9	58.3#
132	34.4	23.9	35.9

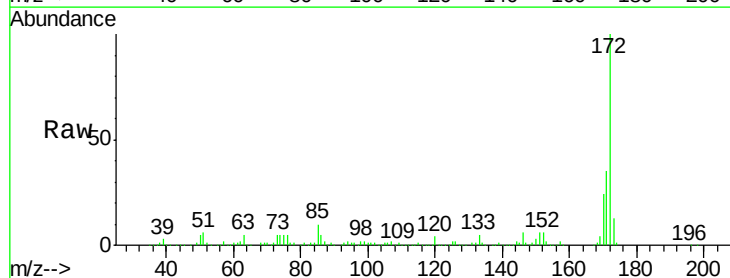


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

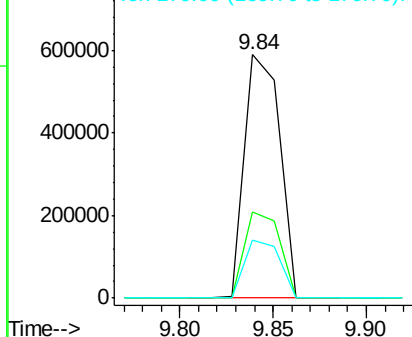
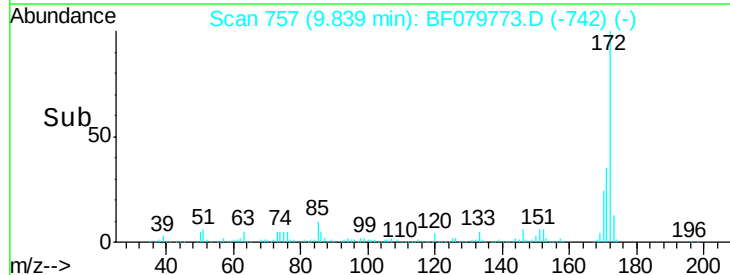


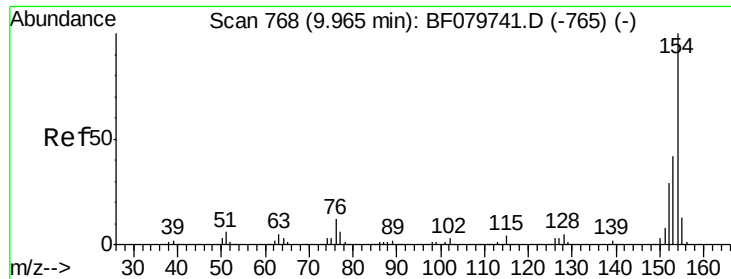
#44
 2-Fluorobiphenyl
 Concen: 90.05 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Tgt Ion:	172	Resp:	770662
Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.4	44.0
170	23.8	19.7	29.5



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

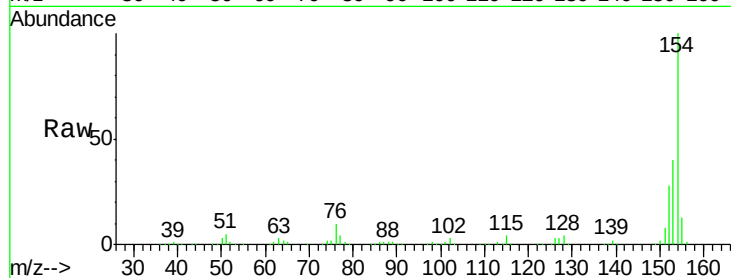




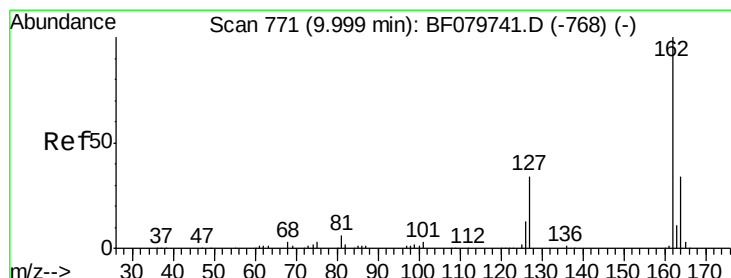
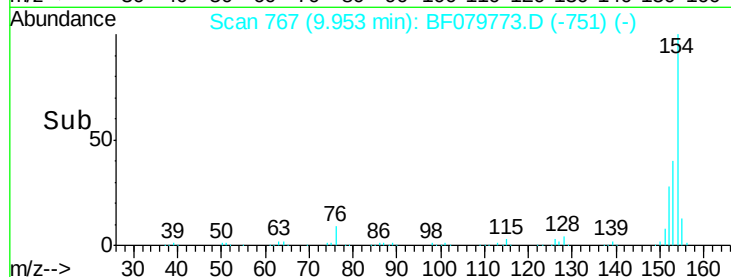
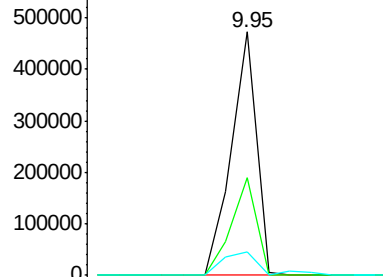
#45
 1,1'-Biphenyl
 Concen: 43.59 ng
 RT: 9.95 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83864BS

Tgt Ion:154 Resp: 439639
 Ion Ratio Lower Upper
 154 100
 153 40.0 19.9 59.9
 76 9.8 0.0 28.2

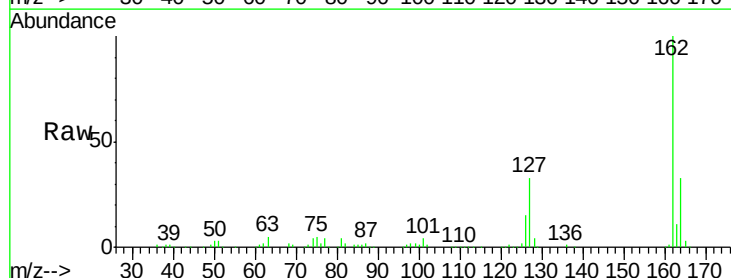


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

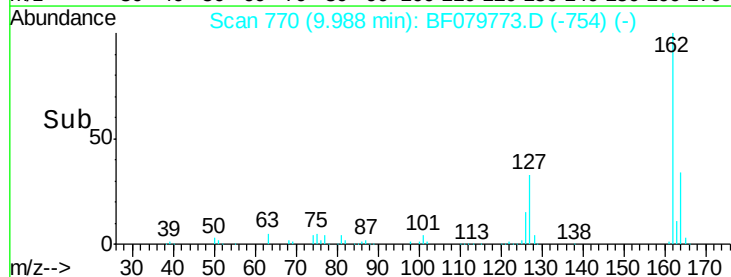
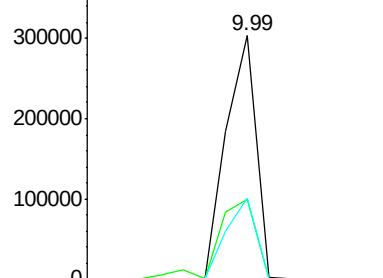


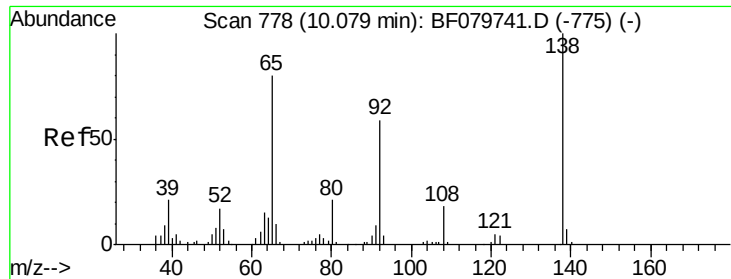
#46
 2-Chloronaphthalene
 Concen: 40.90 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Tgt Ion:162 Resp: 336789
 Ion Ratio Lower Upper
 162 100
 127 32.8 35.4 53.2#
 164 33.4 26.3 39.5



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

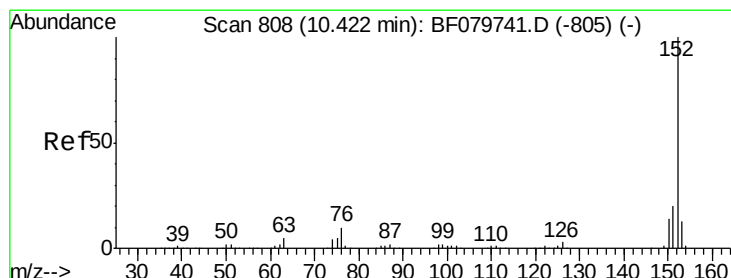
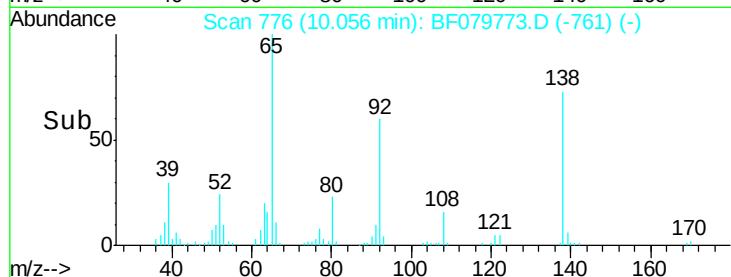
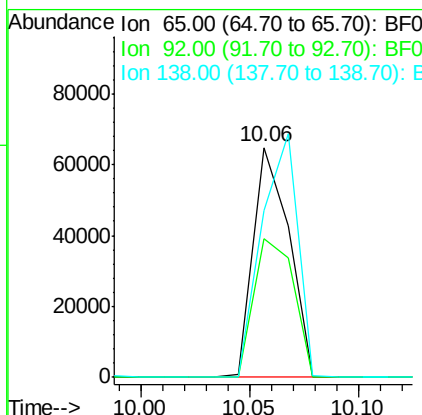
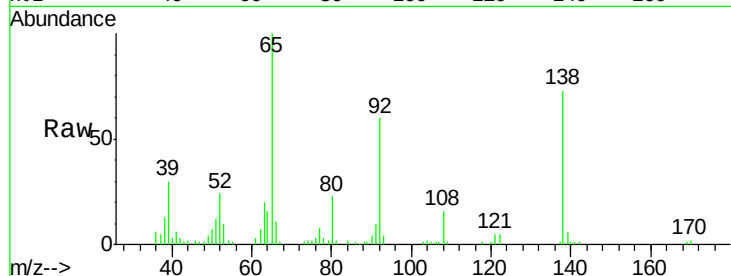




#47
 2-Nitroaniline
 Concen: 43.01 ng
 RT: 10.06 min Scan# 776
 Delta R.T. -0.02 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

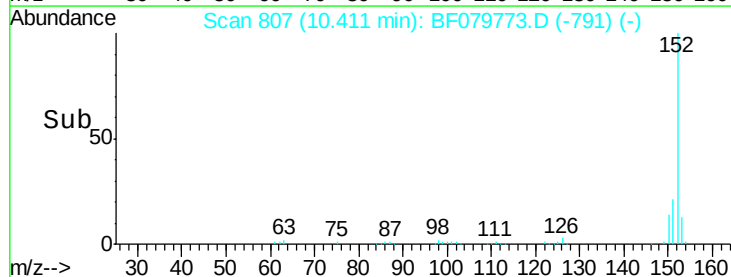
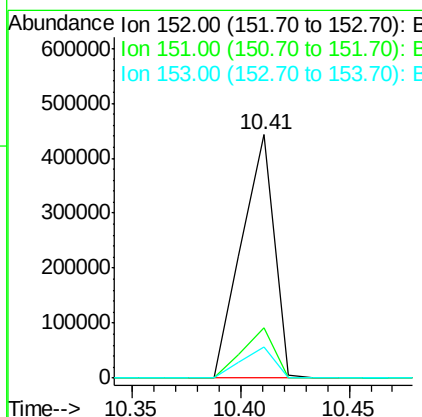
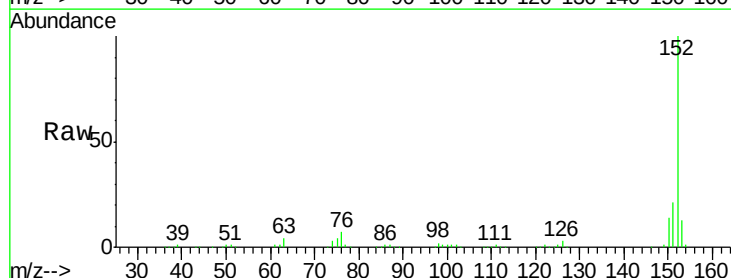
Instrument :
 BNA_F
 ClientSampleId :
 PB83864BS

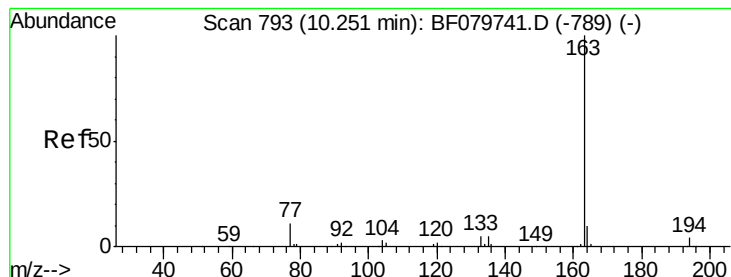
Tgt Ion: 65 Resp: 74293
 Ion Ratio Lower Upper
 65 100
 92 60.1 49.0 73.6
 138 72.7 67.7 101.5



#48
 Acenaphthylene
 Concen: 33.72 ng
 RT: 10.41 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Tgt Ion: 152 Resp: 459063
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.2 24.4
 153 12.8 10.4 15.6





#49

Dimethylphthalate

Concen: 36.26 ng

RT: 10.23 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

Instrument :

BNA_F

ClientSampleId :

PB83864BS

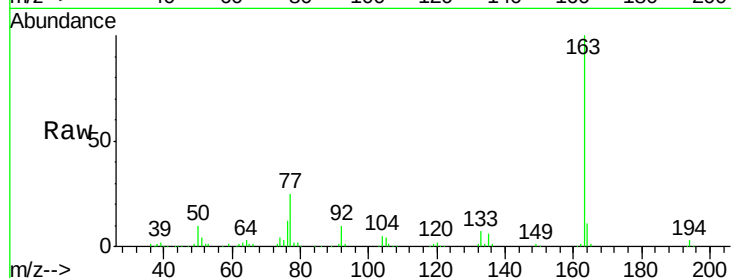
Tgt Ion:163 Resp: 323851

Ion Ratio Lower Upper

163 100

194 3.3 2.6 3.8

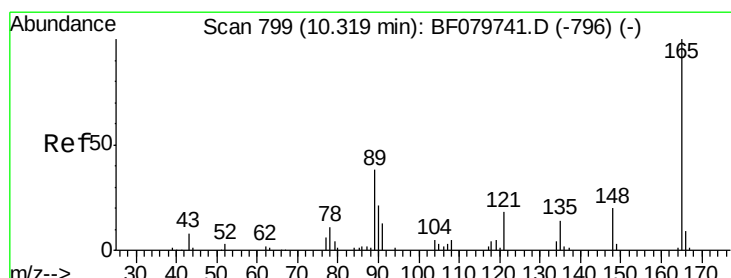
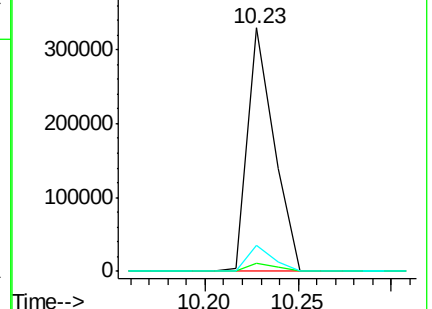
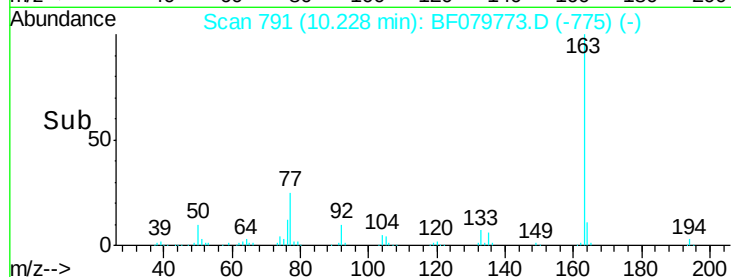
164 10.7 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.52 ng

RT: 10.30 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

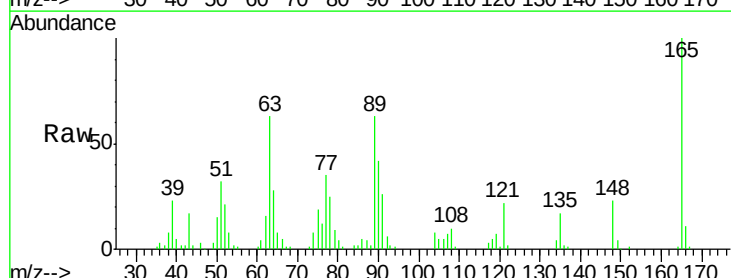
Tgt Ion:165 Resp: 61232

Ion Ratio Lower Upper

165 100

63 63.1 45.2 67.8

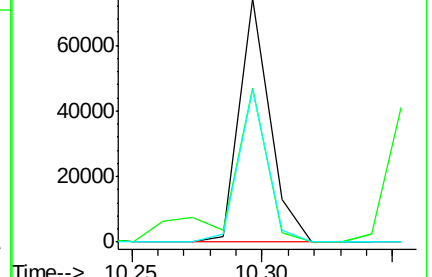
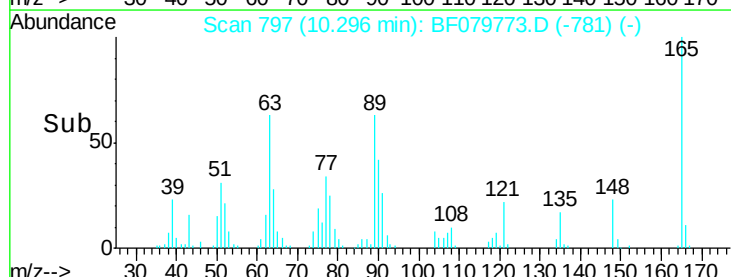
89 63.0 45.9 68.9

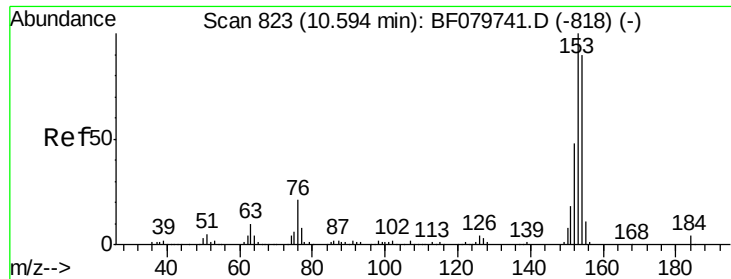


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.96 ng

RT: 10.58 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

Instrument :

BNA_F

ClientSampleId :

PB83864BS

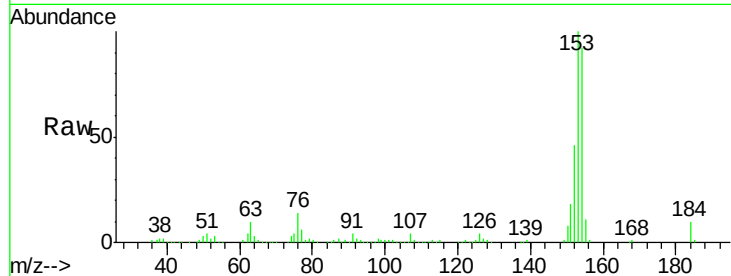
Tgt Ion:154 Resp: 284994

Ion Ratio Lower Upper

154 100

153 108.5 90.1 135.1

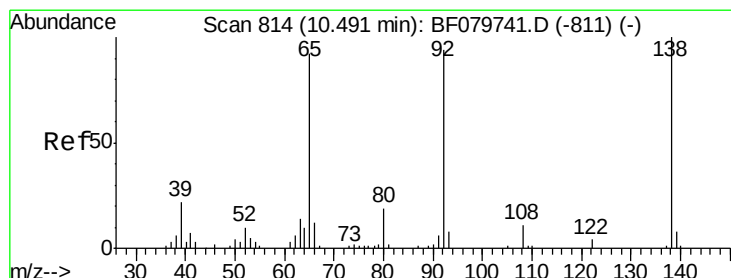
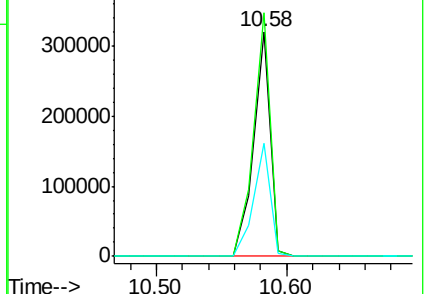
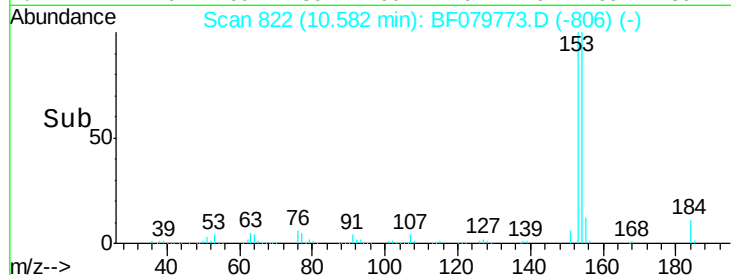
152 50.4 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.94 ng

RT: 10.47 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

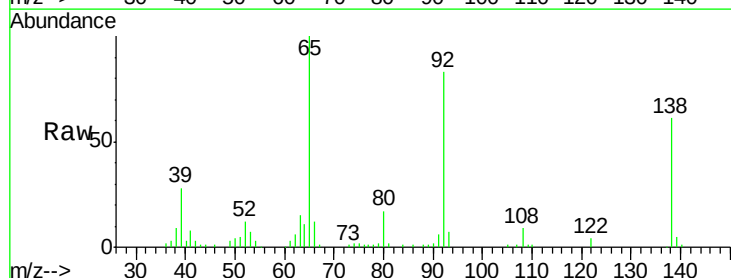
Tgt Ion:138 Resp: 45155

Ion Ratio Lower Upper

138 100

108 15.1 8.9 13.3#

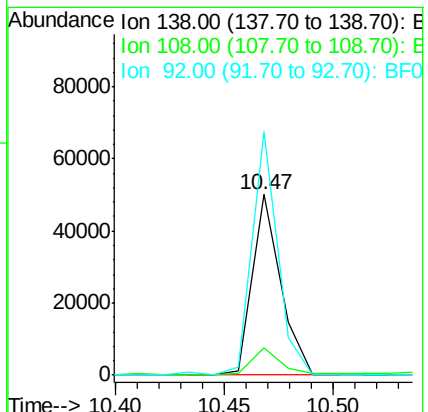
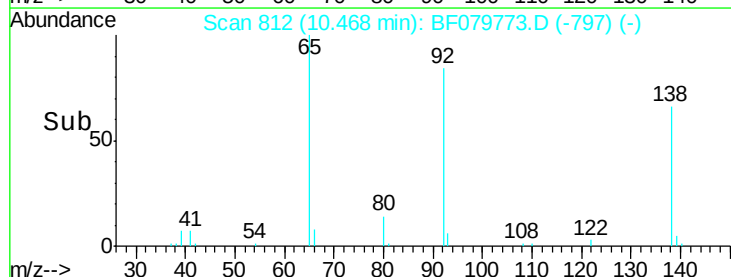
92 135.0 99.0 148.4

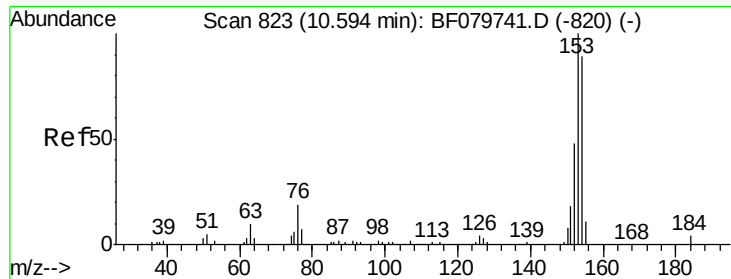


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

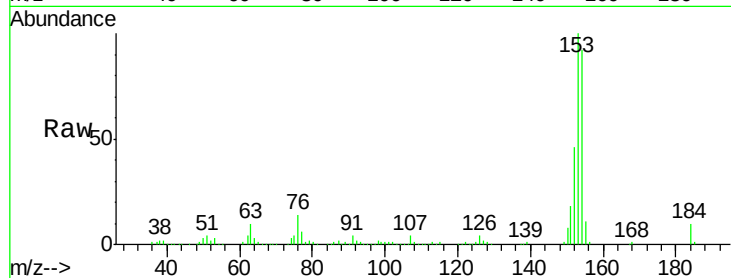




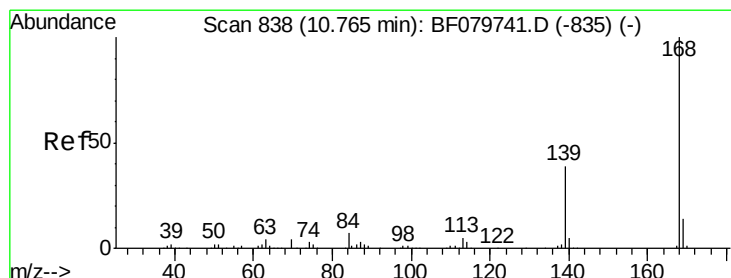
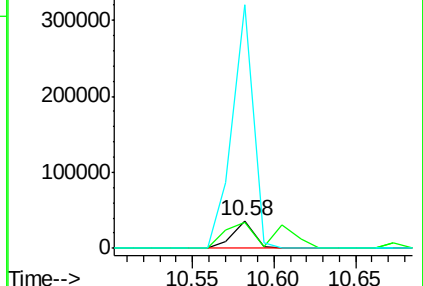
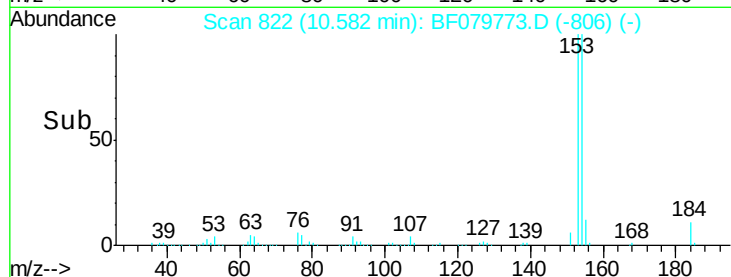
#53
 2,4-Dinitrophenol
 Concen: 71.27 ng
 RT: 10.58 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83864BS

Tgt Ion:184 Resp: 33117
 Ion Ratio Lower Upper
 184 100
 63 92.8 146.9 220.3#
 154 888.8 653.8 980.8

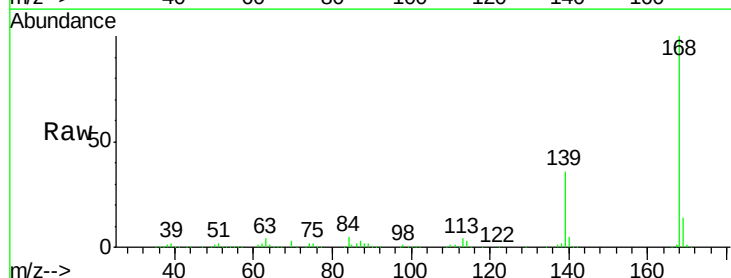


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

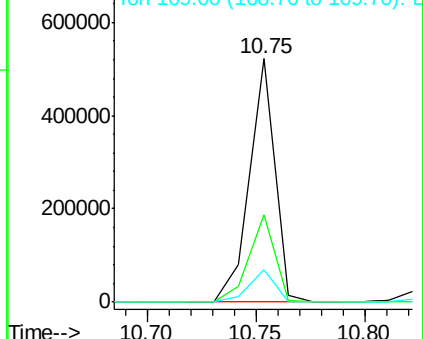
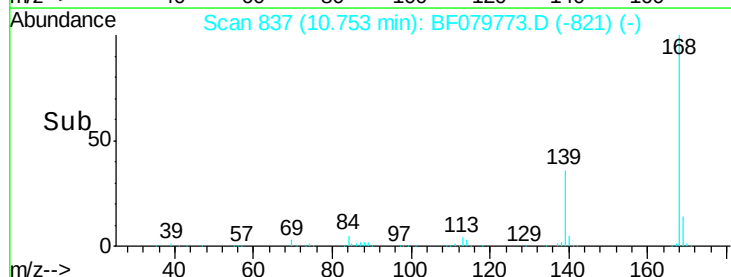


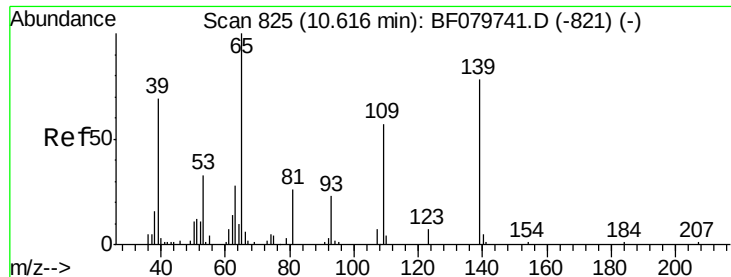
#54
 Dibenzofuran
 Concen: 38.79 ng
 RT: 10.75 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Tgt Ion:168 Resp: 423672
 Ion Ratio Lower Upper
 168 100
 139 35.7 27.7 41.5
 169 13.5 11.0 16.4



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

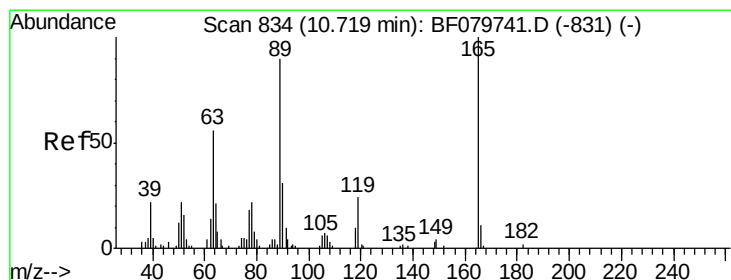
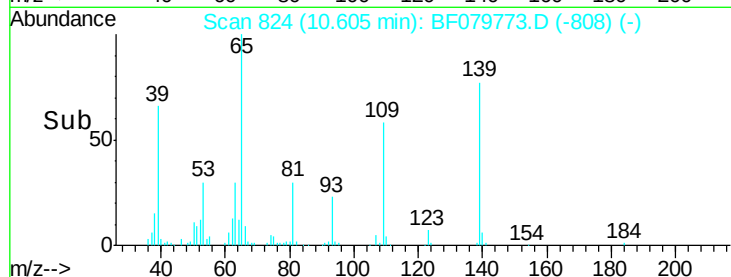
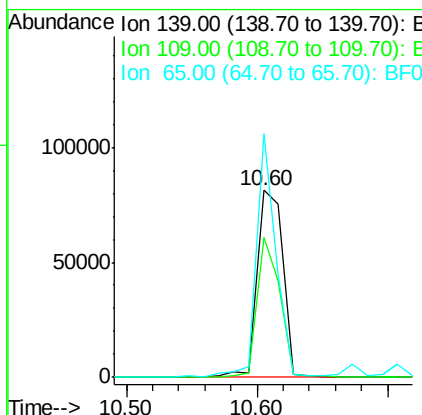
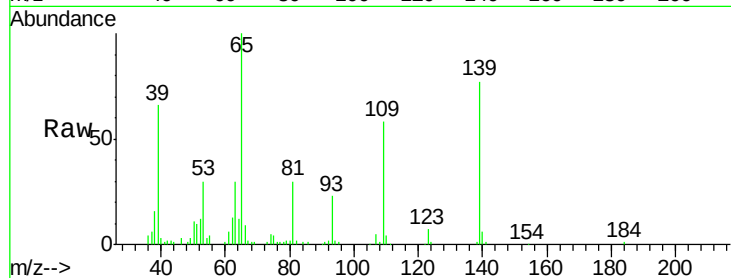




#55
4-Nitrophenol
Concen: 79.71 ng
RT: 10.60 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF079773.D
Acq: 6 Jun 2015 17:15

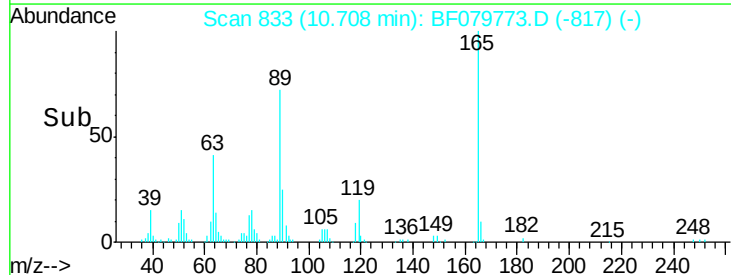
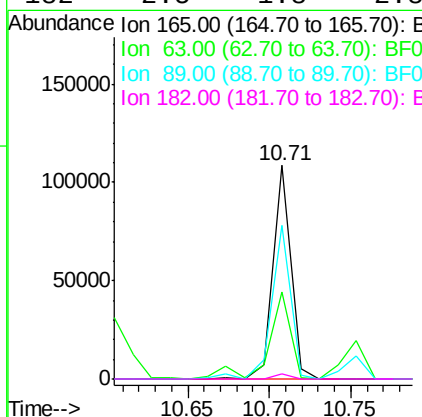
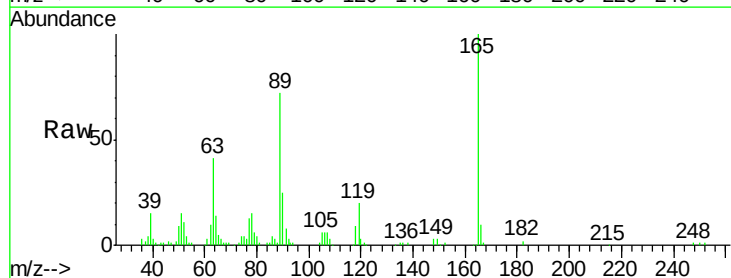
Instrument :
BNA_F
ClientSampleId :
PB83864BS

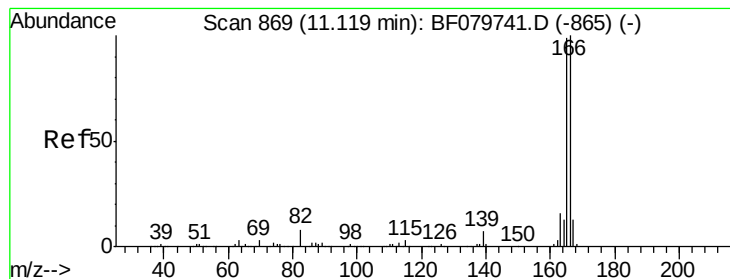
Tgt Ion:139 Resp: 112305
Ion Ratio Lower Upper
139 100
109 75.3 44.2 84.2
65 130.4 72.3 112.3#



#56
2,4-Dinitrotoluene
Concen: 47.01 ng
RT: 10.71 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF079773.D
Acq: 6 Jun 2015 17:15

Tgt Ion:165 Resp: 83212
Ion Ratio Lower Upper
165 100
63 40.6 24.7 37.1#
89 71.7 45.7 68.5#
182 2.5 1.8 2.8





#57

Fluorene

Concen: 35.57 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

Instrument :

BNA_F

ClientSampleId :

PB83864BS

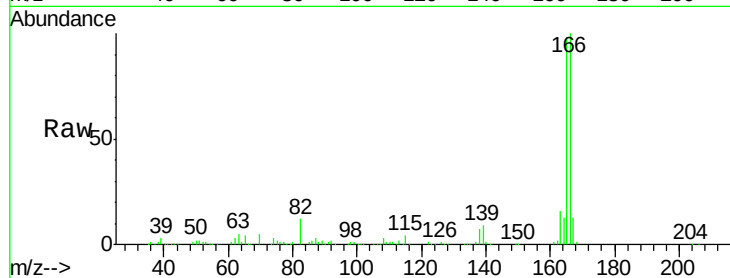
Tgt Ion:166 Resp: 336217

Ion Ratio Lower Upper

166 100

165 98.0 79.4 119.0

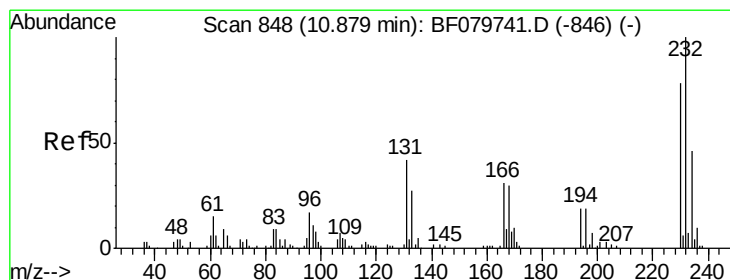
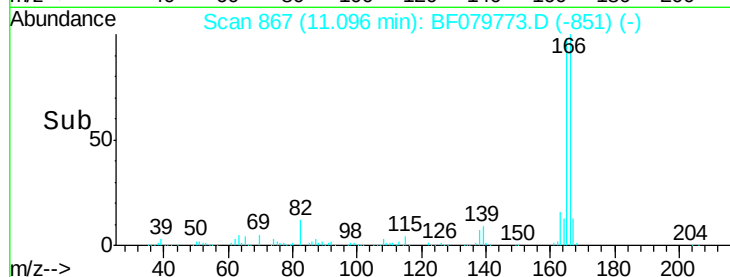
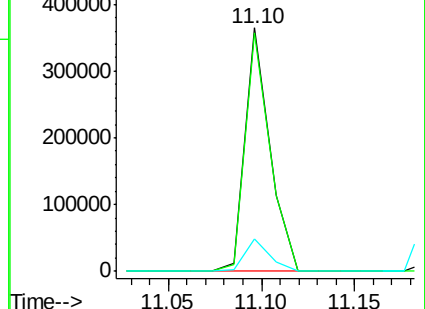
167 13.4 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.81 ng

RT: 10.87 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

Tgt Ion:232 Resp: 83456

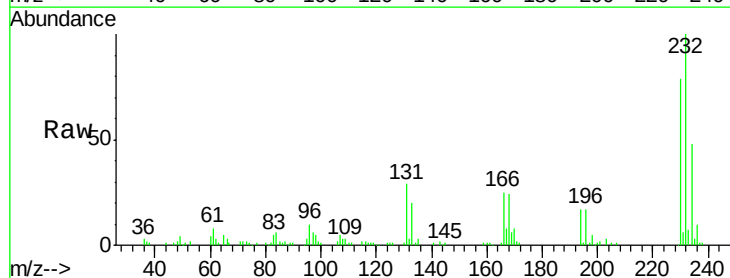
Ion Ratio Lower Upper

232 100

131 40.5 36.5 54.7

130 1.8 1.8 2.8#

166 29.9 24.2 36.4

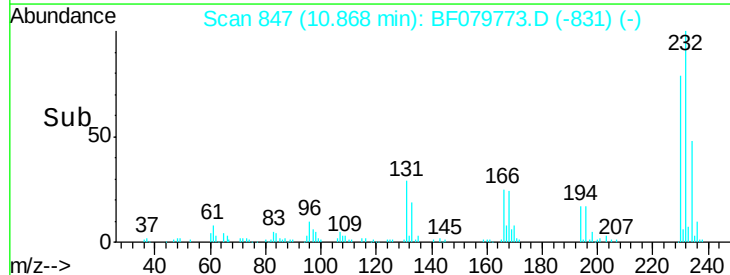
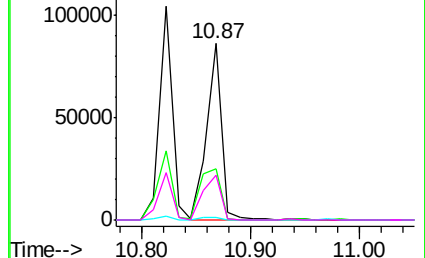


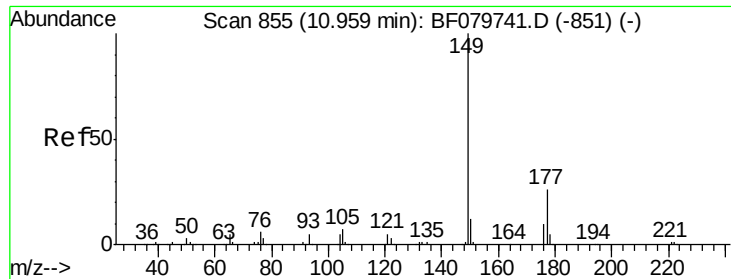
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

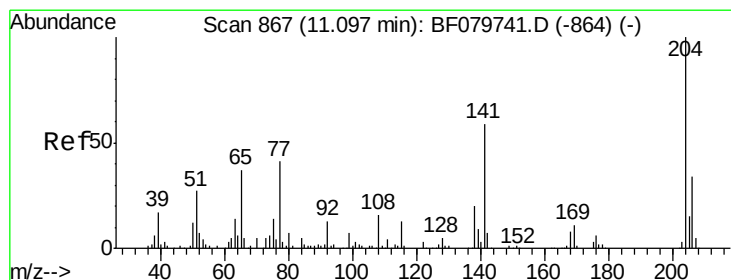
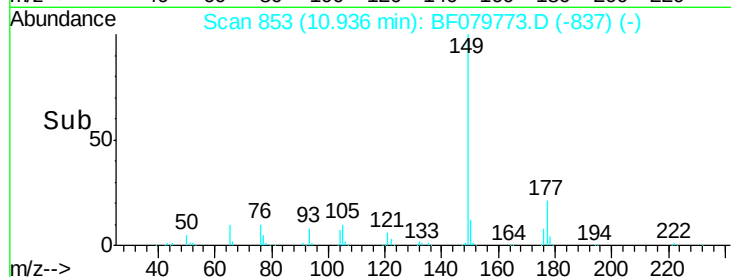
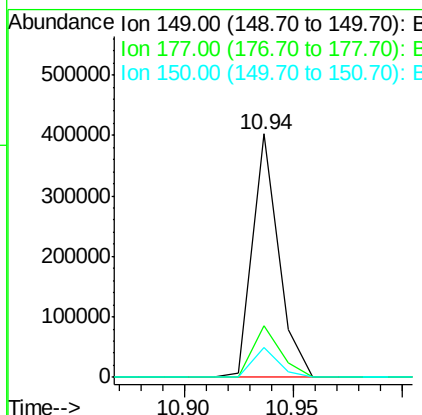
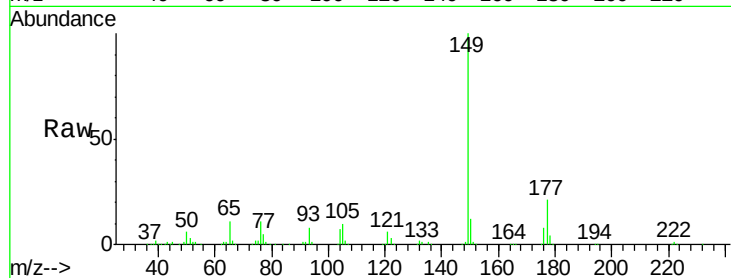




#59
Diethylphthalate
Concen: 38.45 ng
RT: 10.94 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF079773.D
Acq: 6 Jun 2015 17:15

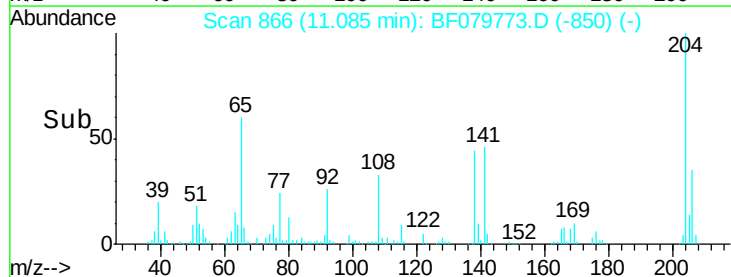
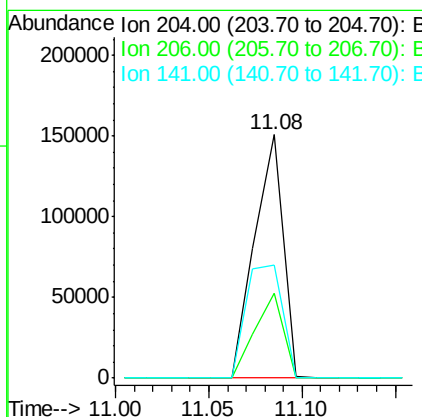
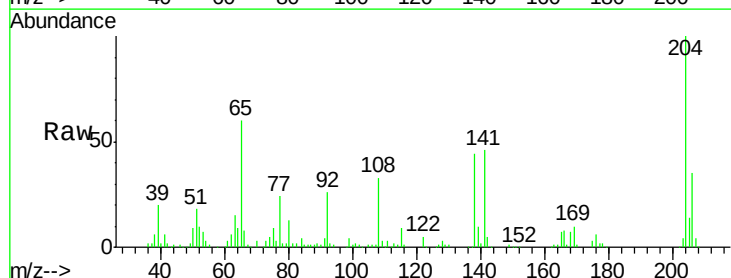
Instrument :
BNA_F
ClientSampleId :
PB83864BS

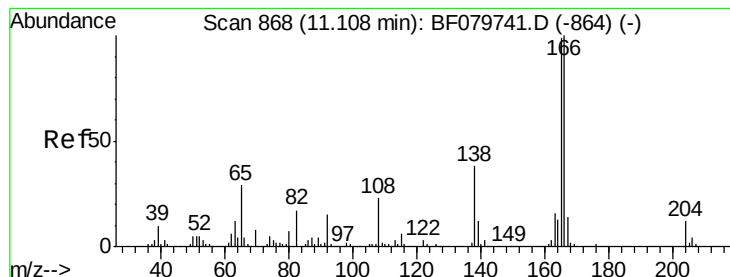
Tgt Ion:149 Resp: 335819
Ion Ratio Lower Upper
149 100
177 21.2 18.1 27.1
150 12.5 10.5 15.7



#60
4-Chlorophenyl-phenylether
Concen: 37.29 ng
RT: 11.08 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF079773.D
Acq: 6 Jun 2015 17:15

Tgt Ion:204 Resp: 159746
Ion Ratio Lower Upper
204 100
206 34.7 25.8 38.6
141 46.2 56.5 84.7#

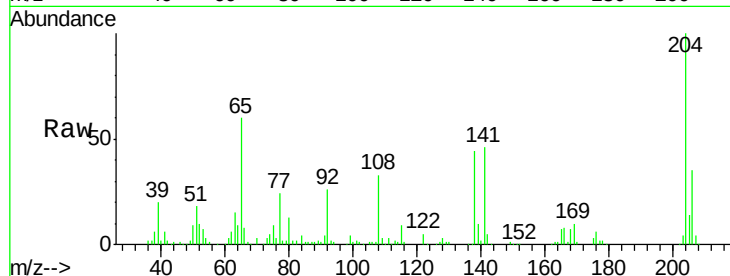




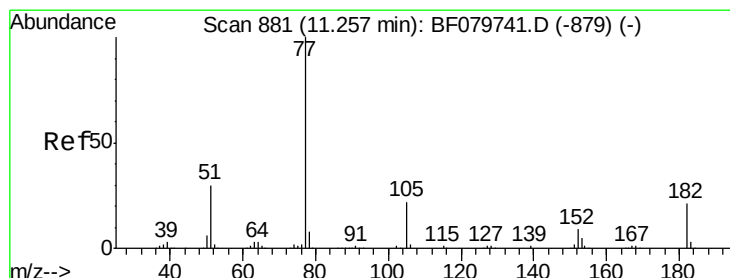
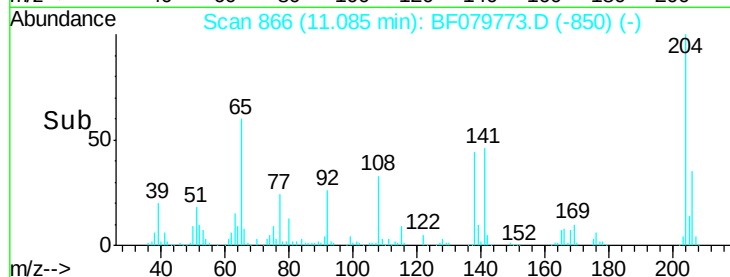
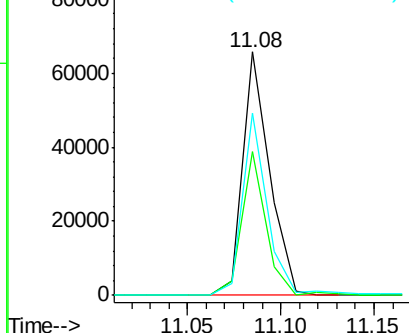
#61
4-Nitroaniline
Concen: 36.83 ng
RT: 11.08 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF079773.D
Acq: 6 Jun 2015 17:15

Instrument :
BNA_F
ClientSampleId :
PB83864BS

Tgt Ion:138 Resp: 65632
Ion Ratio Lower Upper
138 100
92 59.1 38.2 78.2
108 74.7 53.8 93.8

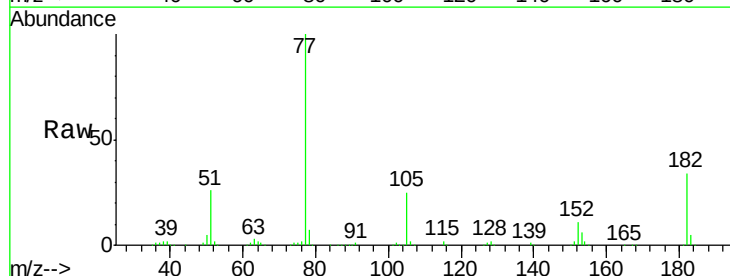


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

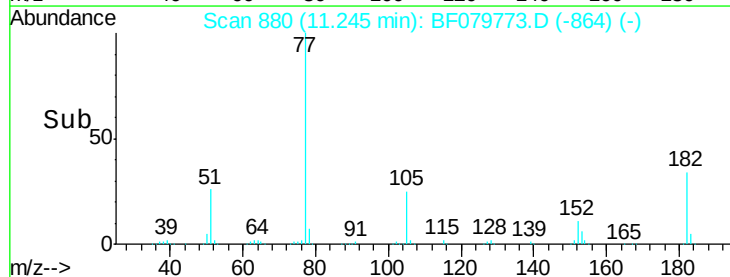
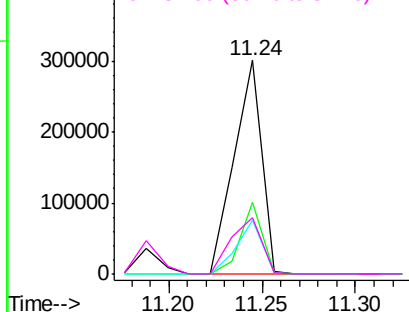


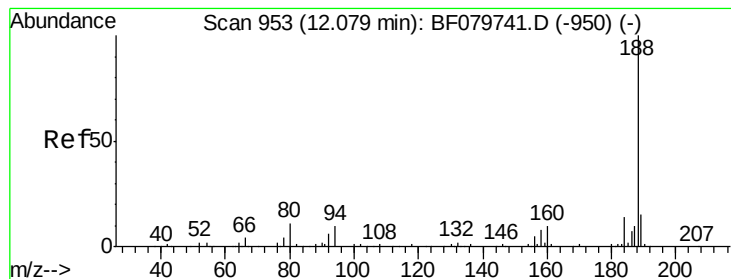
#62
Azobenzene
Concen: 35.24 ng
RT: 11.24 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF079773.D
Acq: 6 Jun 2015 17:15

Tgt Ion: 77 Resp: 311007
Ion Ratio Lower Upper
77 100
182 33.5 0.0 35.2
105 24.9 0.0 39.5
51 26.4 12.4 52.4



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: 20.00 ng

RT: 12.06 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

Instrument :

BNA_F

ClientSampleId :

PB83864BS

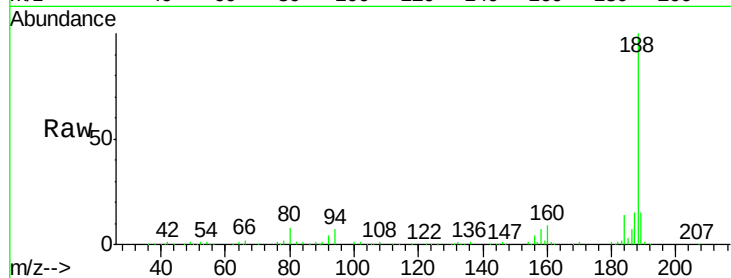
Tgt Ion:188 Resp: 226669

Ion Ratio Lower Upper

188 100

94 6.9 5.0 7.4

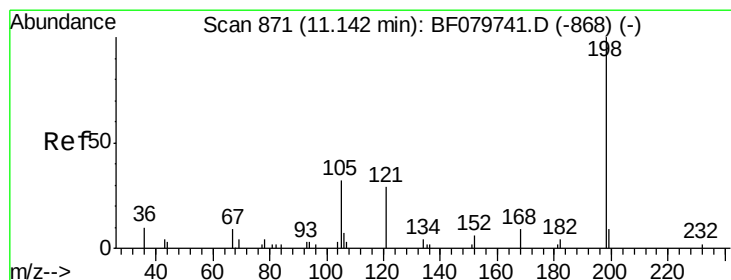
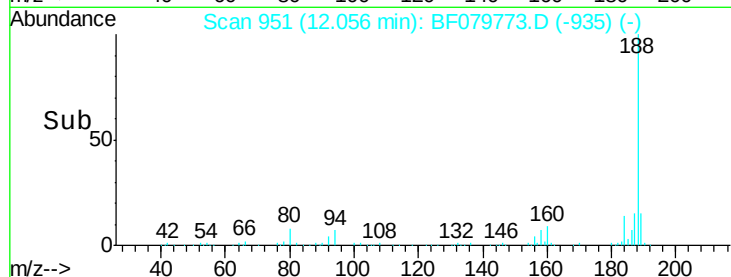
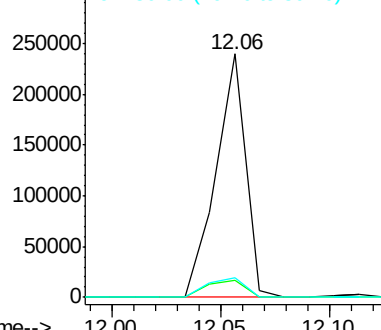
80 7.8 5.3 7.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 40.33 ng

RT: 11.12 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

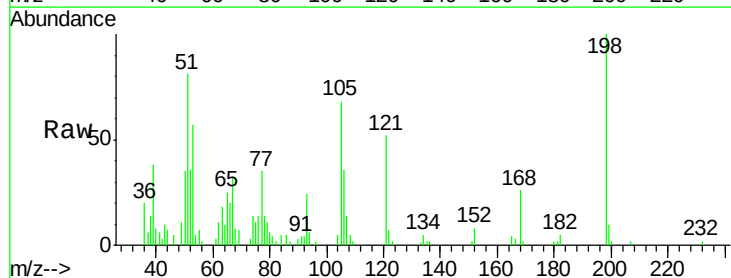
Tgt Ion:198 Resp: 21989

Ion Ratio Lower Upper

198 100

51 81.3 34.4 74.4#

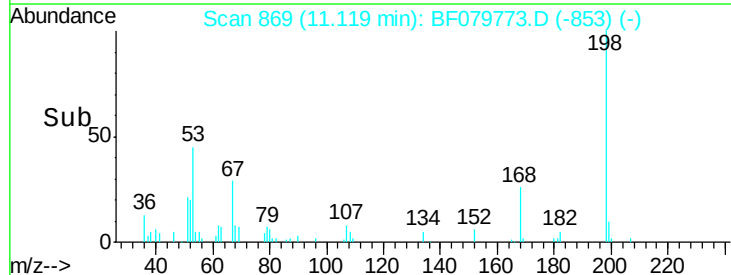
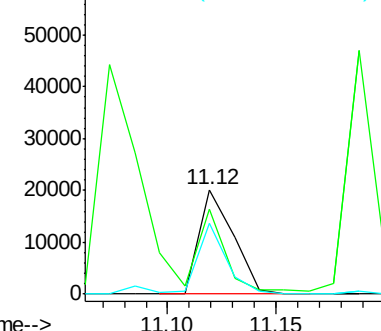
105 68.2 32.7 72.7

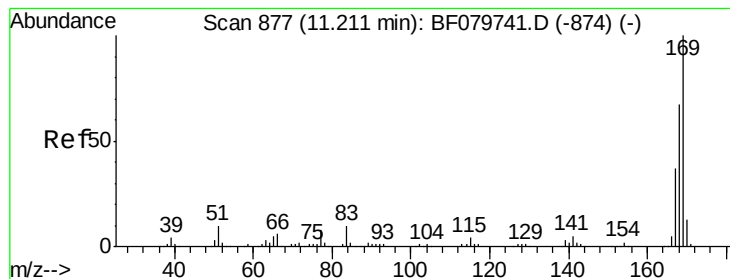


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

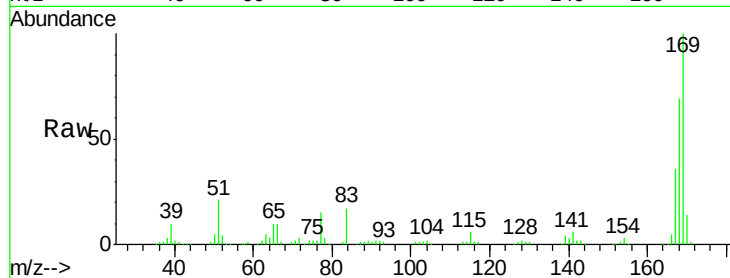




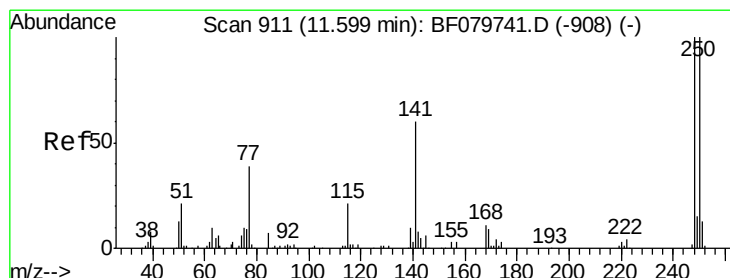
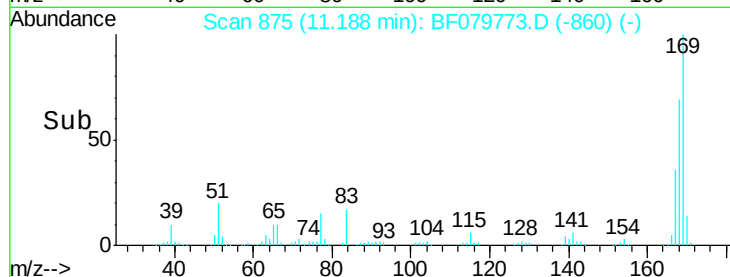
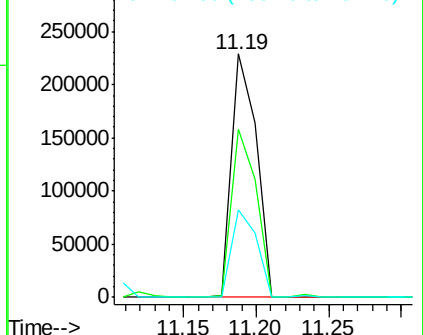
#65
 n-Nitrosodiphenylamine
 Concen: 35.88 ng
 RT: 11.19 min Scan# 875
 Delta R.T. -0.02 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83864BS

Tgt Ion:169 Resp: 271615
 Ion Ratio Lower Upper
 169 100
 168 69.0 54.8 82.2
 167 35.7 29.7 44.5

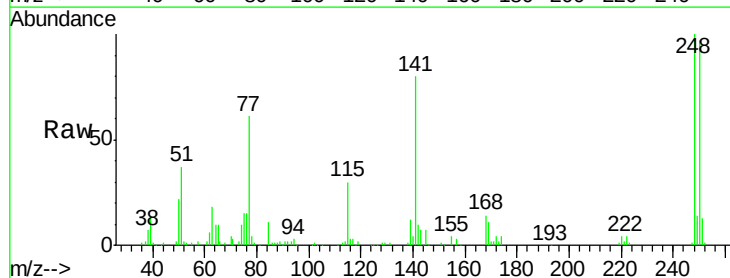


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

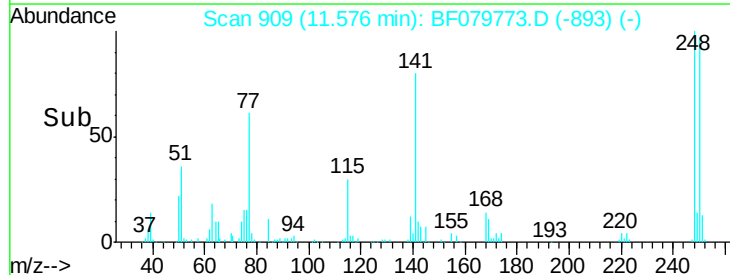
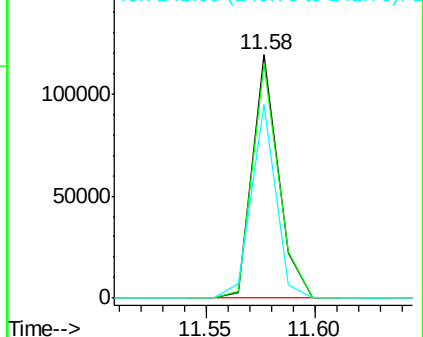


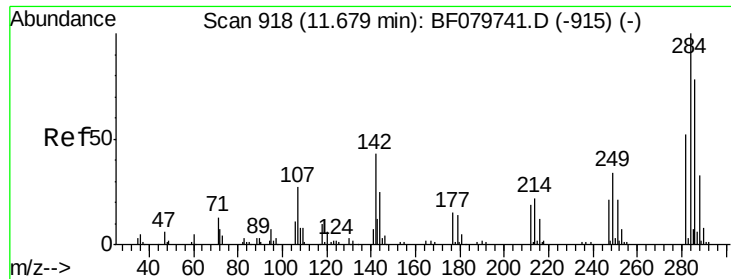
#66
 4-Bromophenyl-phenylether
 Concen: 40.26 ng
 RT: 11.58 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Tgt Ion:248 Resp: 98808
 Ion Ratio Lower Upper
 248 100
 250 96.5 76.1 114.1
 141 79.6 64.6 96.8



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

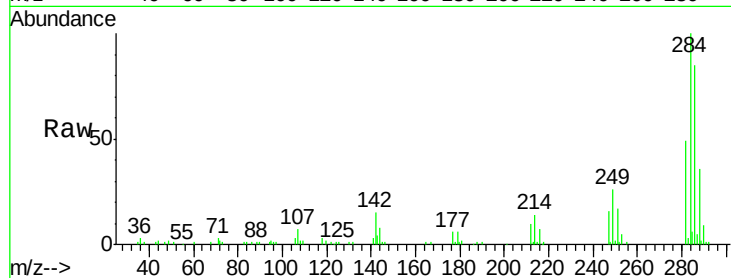




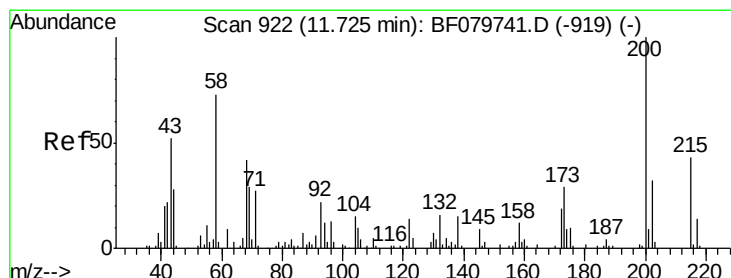
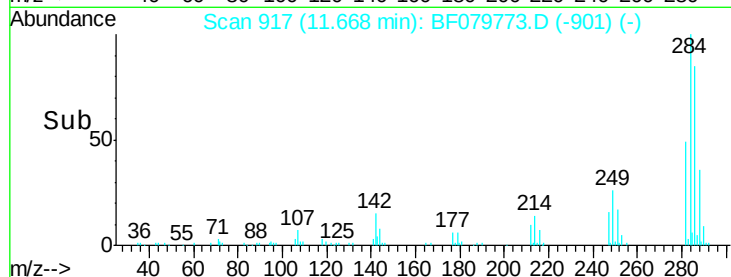
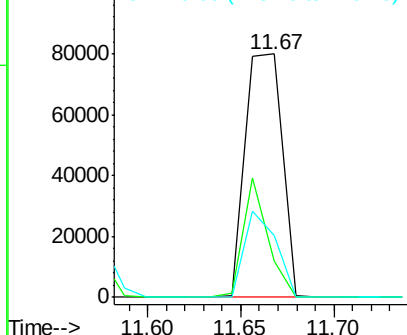
#67
Hexachlorobenzene
Concen: 39.80 ng
RT: 11.67 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF079773.D
Acq: 6 Jun 2015 17:15

Instrument :
BNA_F
ClientSampleId :
PB83864BS

Tgt Ion:284 Resp: 109870
Ion Ratio Lower Upper
284 100
142 14.7 13.0 19.4
249 25.7 22.3 33.5

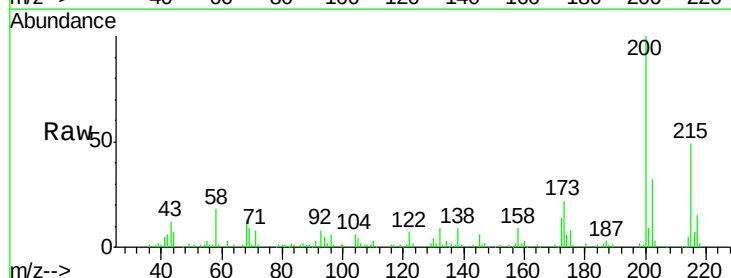


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

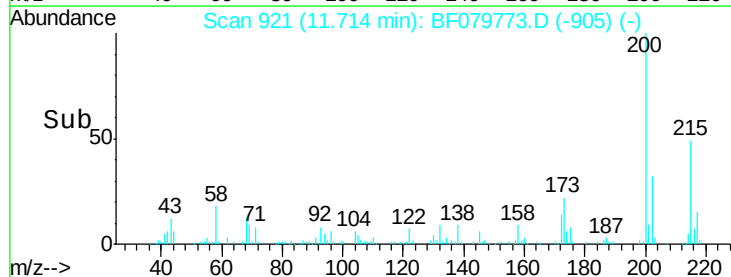
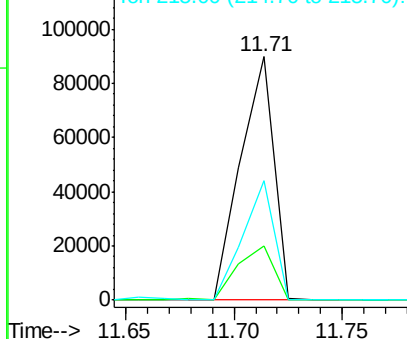


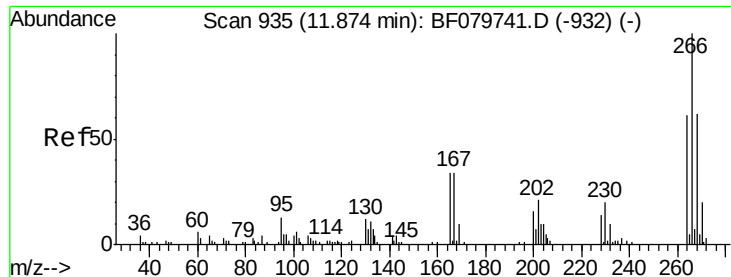
#68
Atrazine
Concen: 41.88 ng
RT: 11.71 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF079773.D
Acq: 6 Jun 2015 17:15

Tgt Ion:200 Resp: 95301
Ion Ratio Lower Upper
200 100
173 22.5 5.5 45.5
215 48.9 28.5 68.5



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

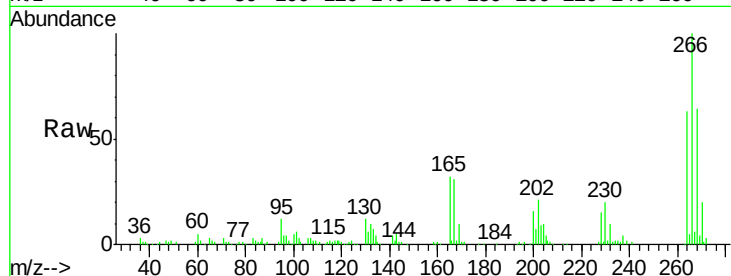




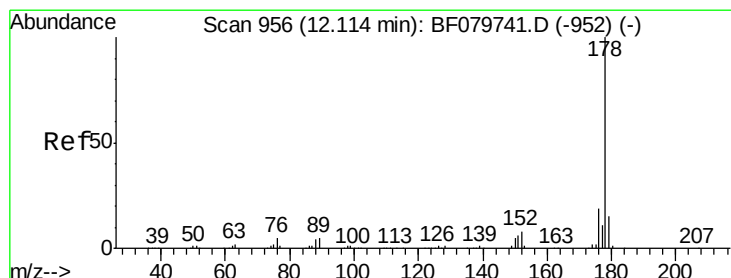
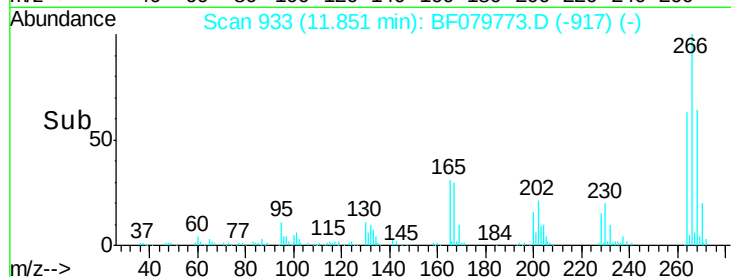
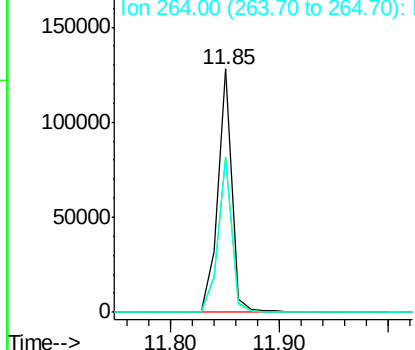
#69
 Pentachlorophenol
 Concen: 80.72 ng
 RT: 11.85 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB83864BS

Tgt Ion:266 Resp: 117171
 Ion Ratio Lower Upper
 266 100
 268 63.7 50.4 75.6
 264 63.1 51.3 76.9

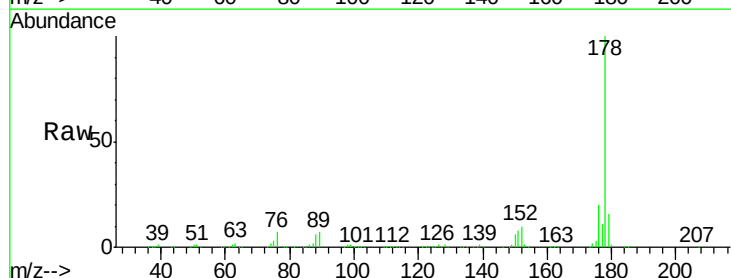


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

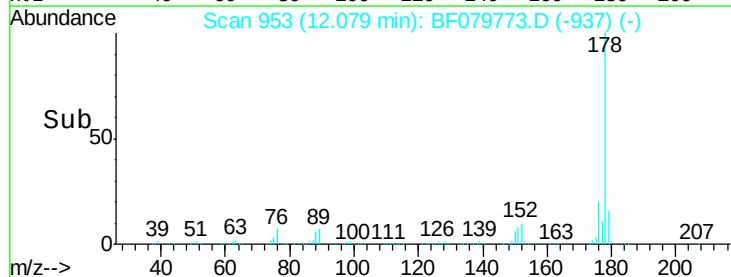
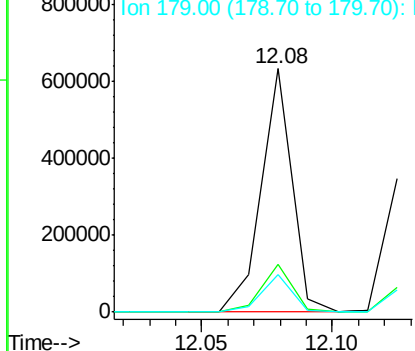


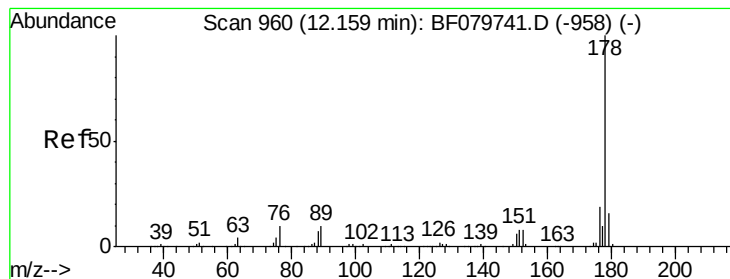
#70
 Phenanthrene
 Concen: 39.60 ng
 RT: 12.08 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Tgt Ion:178 Resp: 525524
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.5 12.6 19.0



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





#71

Anthracene

Concen: 38.82 ng

RT: 12.14 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

Instrument :

BNA_F

ClientSampleId :

PB83864BS

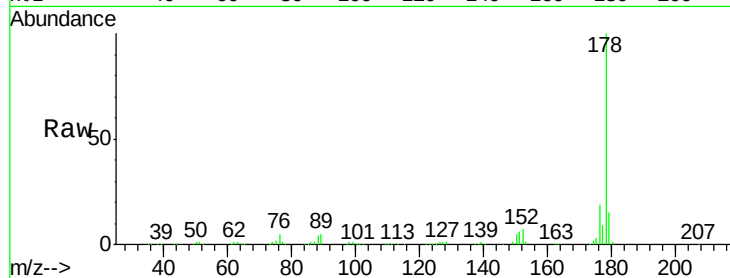
Tgt Ion:178 Resp: 507973

Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

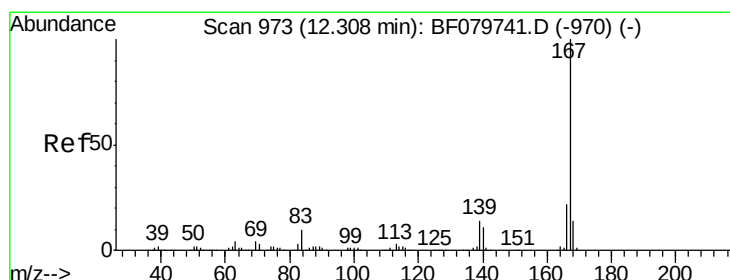
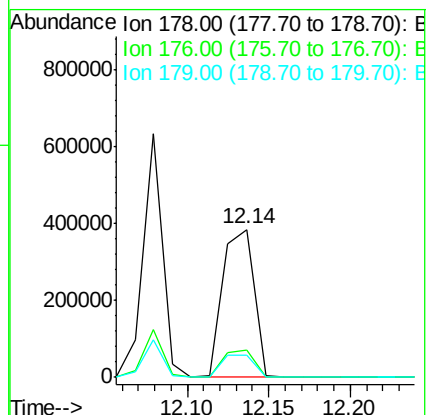
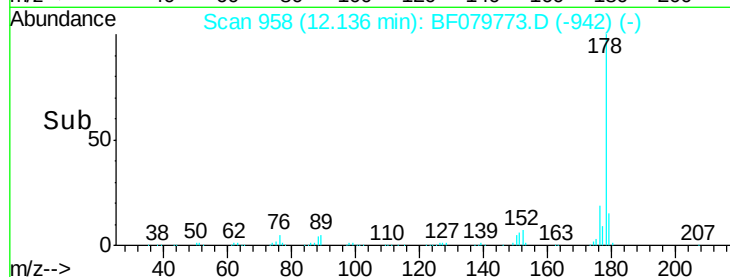
179 14.7 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.54 ng

RT: 12.27 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

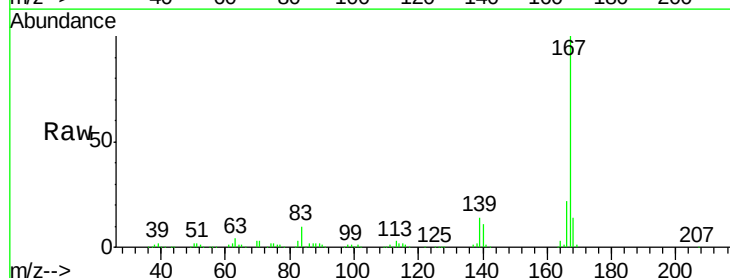
Tgt Ion:167 Resp: 466878

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

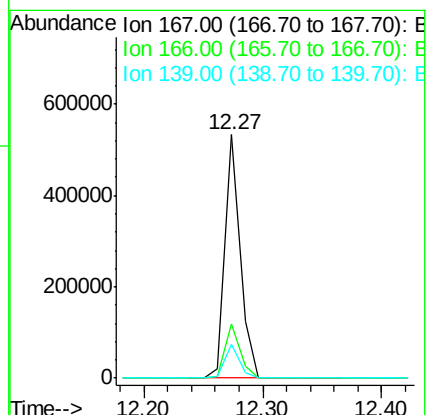
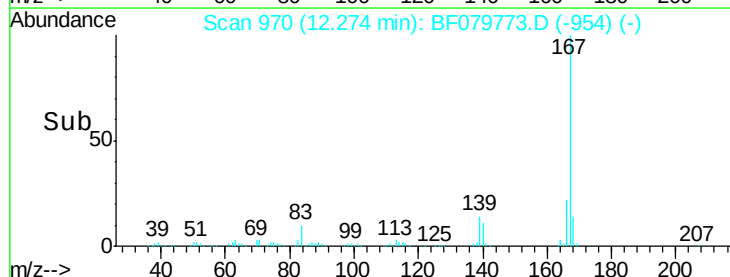
139 13.8 9.3 13.9

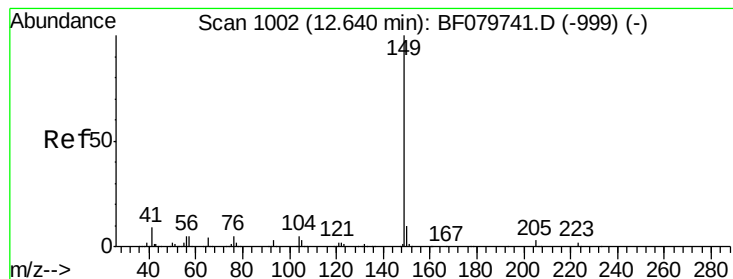


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.33 ng

RT: 12.59 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

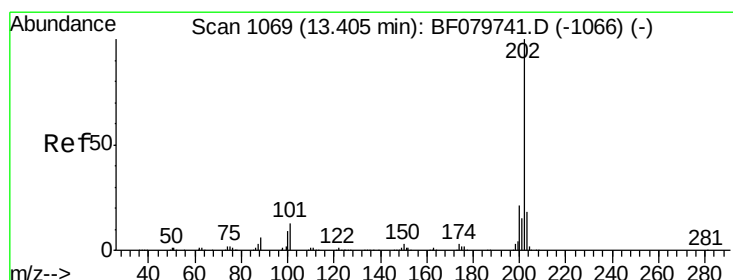
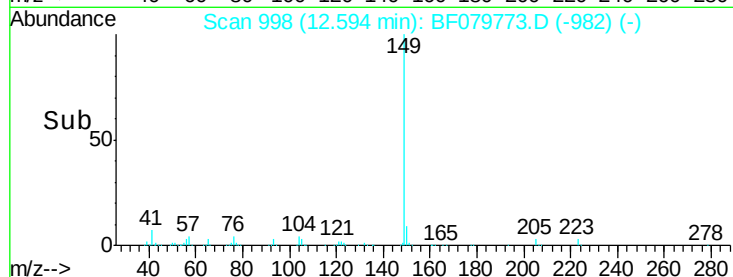
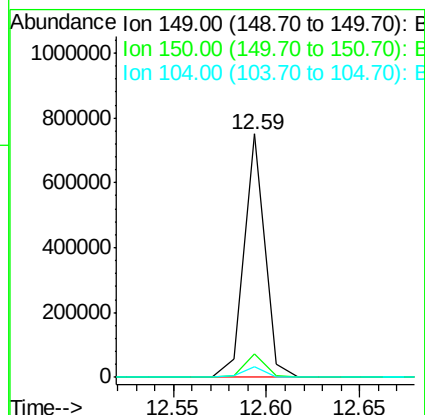
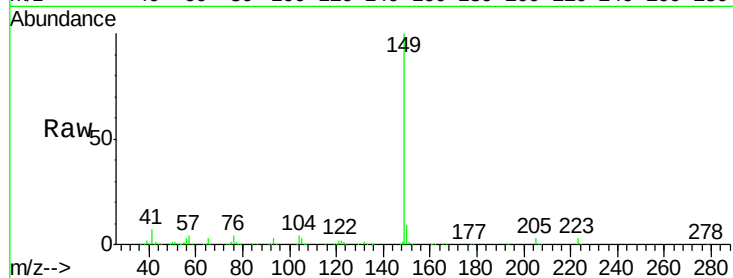
Instrument :

BNA_F

ClientSampleId :

PB83864BS

Tgt Ion:	149	Resp:	582655
Ion Ratio		Lower	Upper
149	100		
150	9.4	9.8	14.8#
104	4.5	12.9	19.3#



#74

Fluoranthene

Concen: 39.39 ng

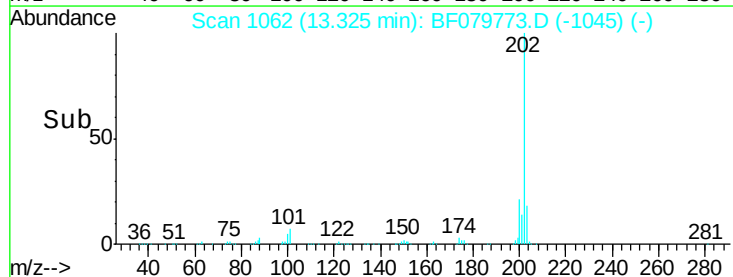
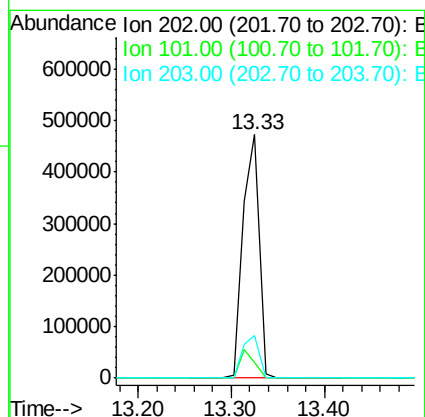
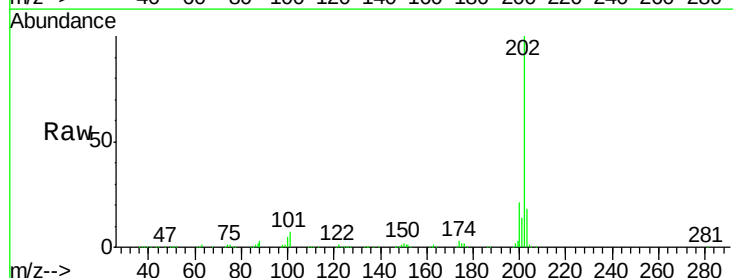
RT: 13.33 min Scan# 1062

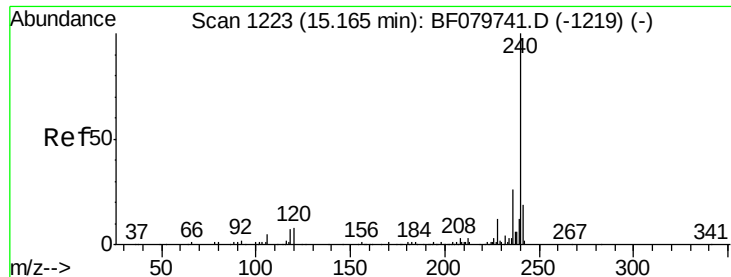
Delta R.T. -0.00 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

Tgt Ion:	202	Resp:	572284
Ion Ratio		Lower	Upper
202	100		
101	6.6	0.0	31.3
203	17.6	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.95 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

Instrument :

BNA_F

ClientSampleId :

PB83864BS

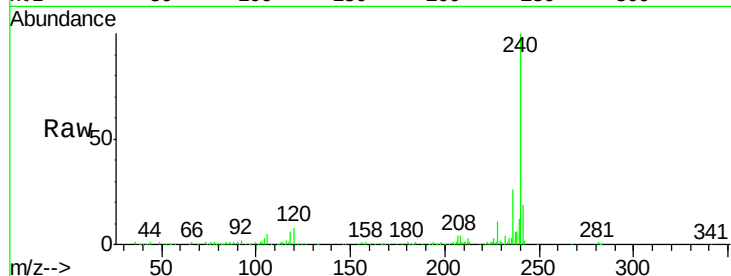
Tgt Ion:240 Resp: 236940

Ion Ratio Lower Upper

240 100

120 7.7 6.2 9.2

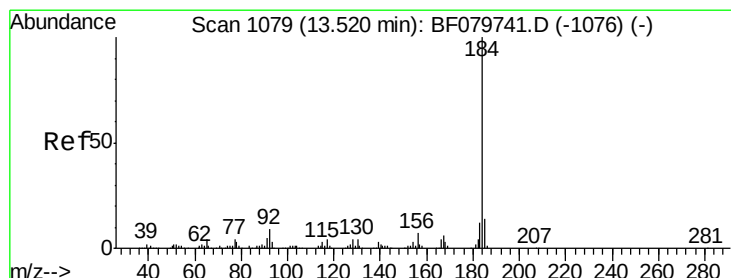
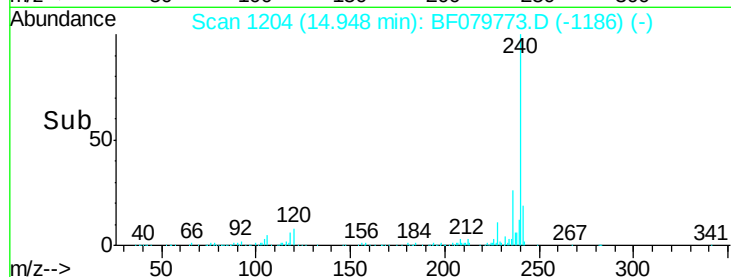
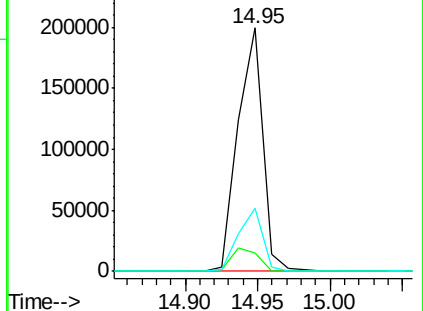
236 25.8 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.16 ng

RT: 13.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

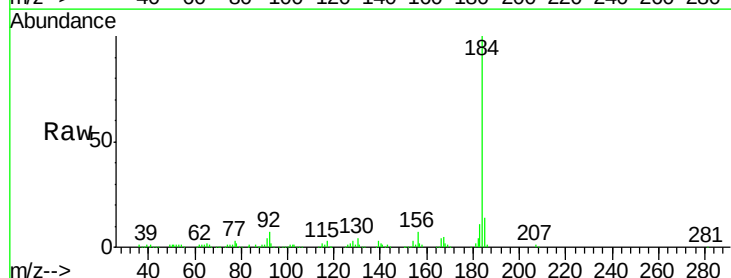
Tgt Ion:184 Resp: 233005

Ion Ratio Lower Upper

184 100

185 14.0 12.2 18.2

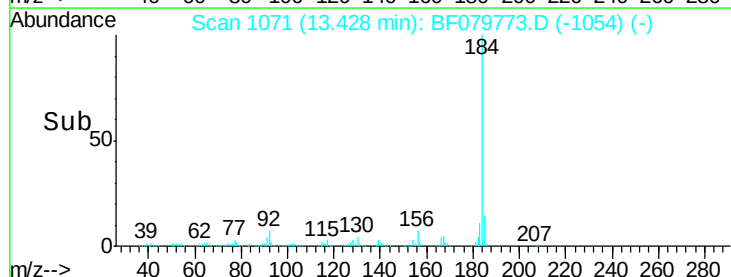
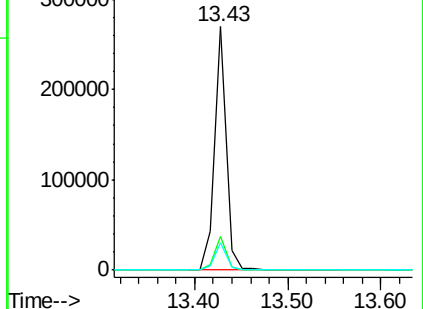
183 11.1 9.3 13.9

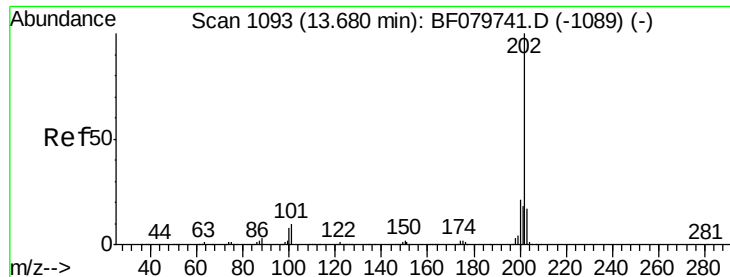


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.06 ng

RT: 13.58 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

Instrument :

BNA_F

ClientSampleId :

PB83864BS

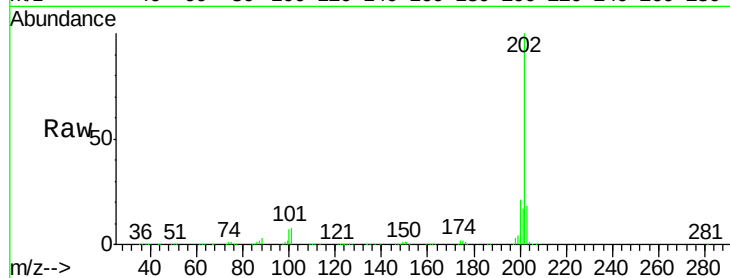
Tgt Ion:202 Resp: 596421

Ion Ratio Lower Upper

202 100

200 21.0 17.5 26.3

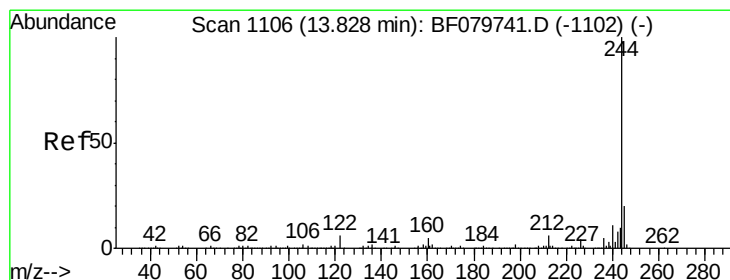
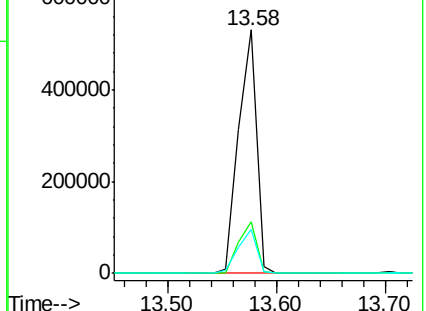
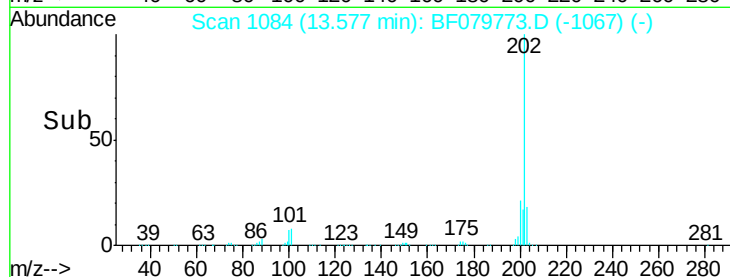
203 18.1 14.8 22.2



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: 78.34 ng

RT: 13.70 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

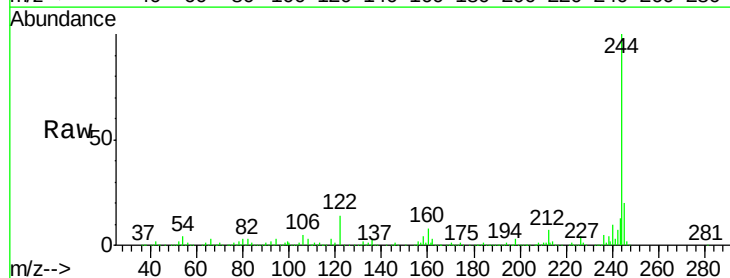
Tgt Ion:244 Resp: 810432

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

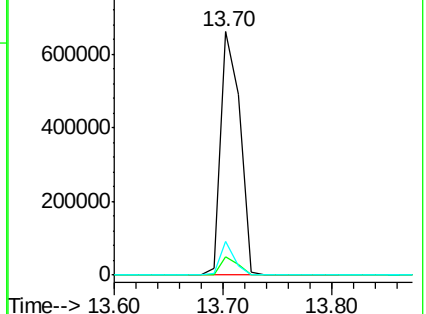
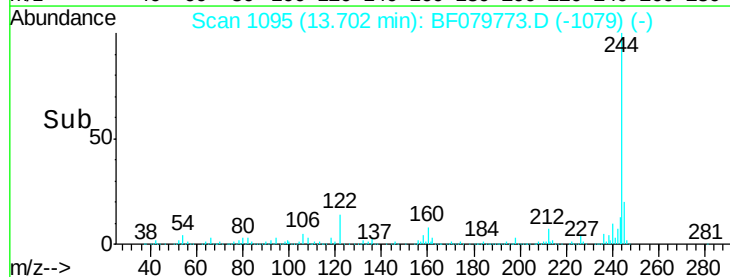
122 14.0 9.3 13.9#

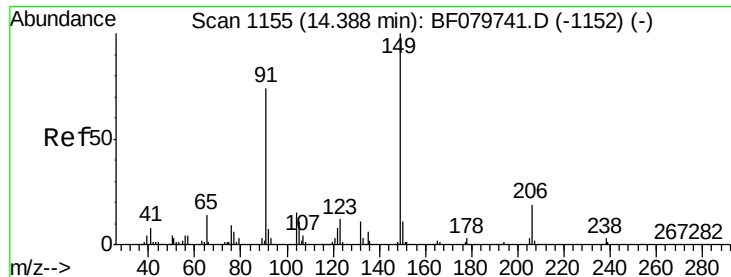


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

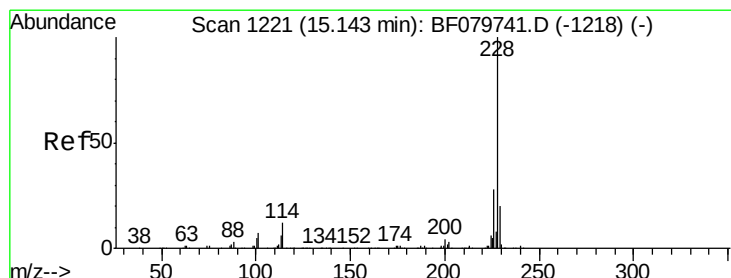
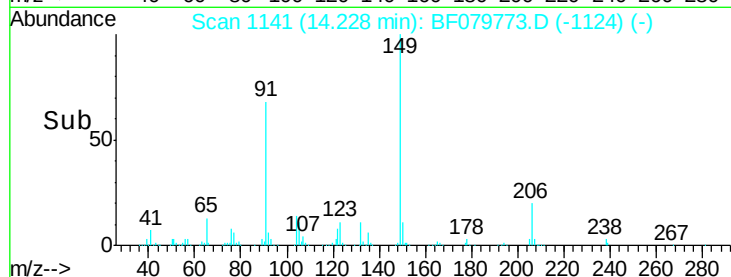
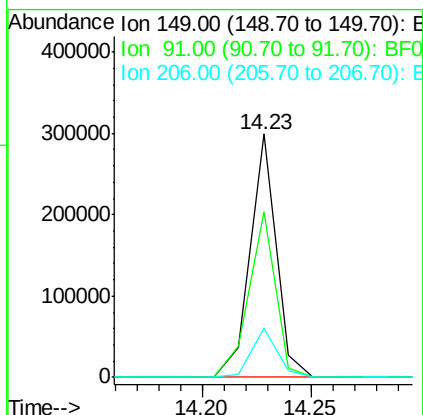
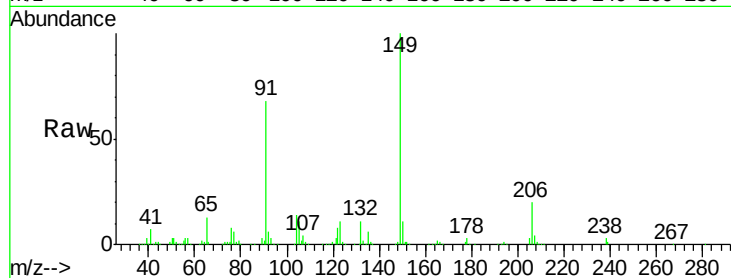




#79
Butylbenzylphthalate
Concen: 43.14 ng
RT: 14.23 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF079773.D
Acq: 6 Jun 2015 17:15

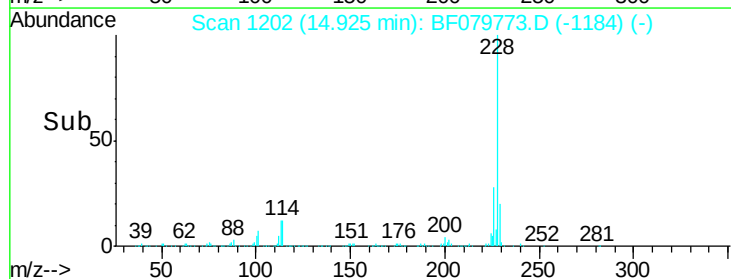
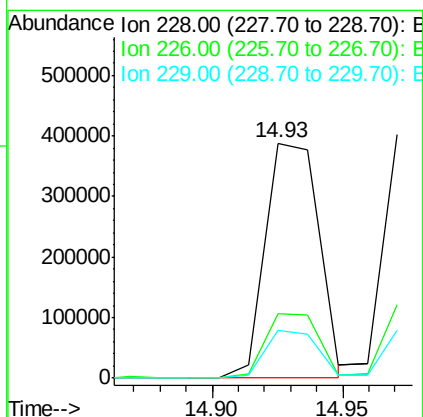
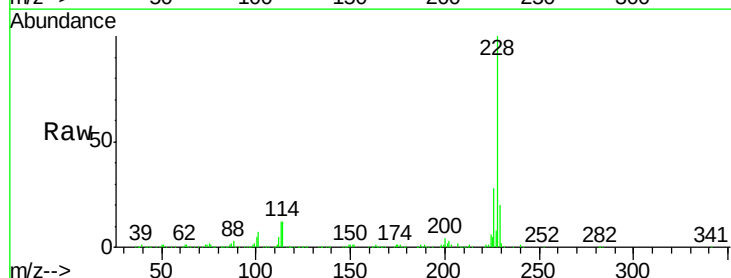
Instrument :
BNA_F
ClientSampleId :
PB83864BS

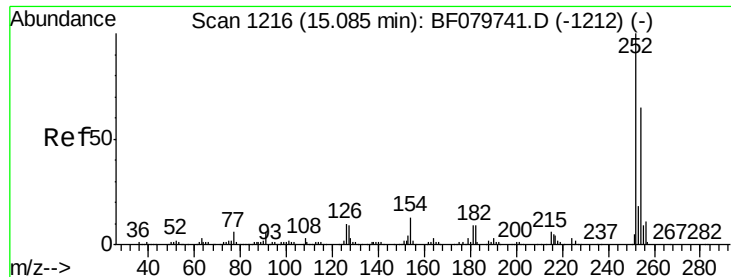
Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.9	64.4	96.6
206	20.3	14.8	22.2



#80
Benzo(a)anthracene
Concen: 38.23 ng
RT: 14.93 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF079773.D
Acq: 6 Jun 2015 17:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.4
229	20.1	16.6	25.0

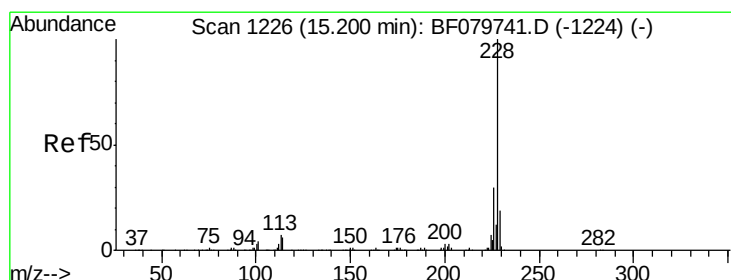
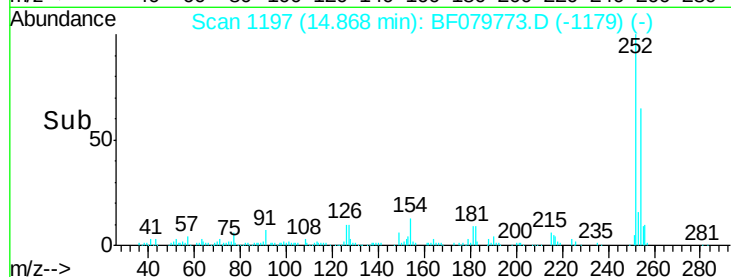
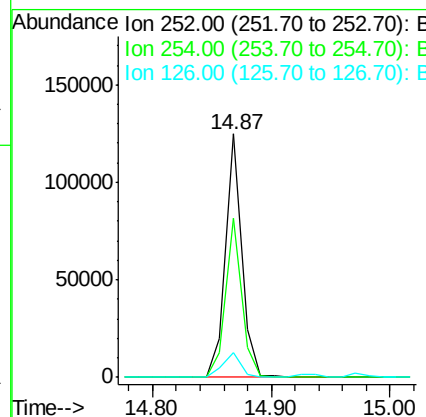
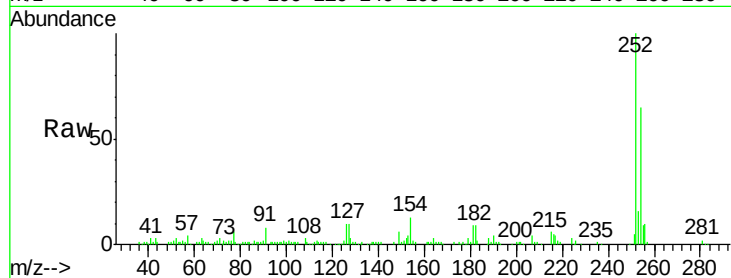




#81
 3,3'-Dichlorobenzidine
 Concen: 23.94 ng
 RT: 14.87 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

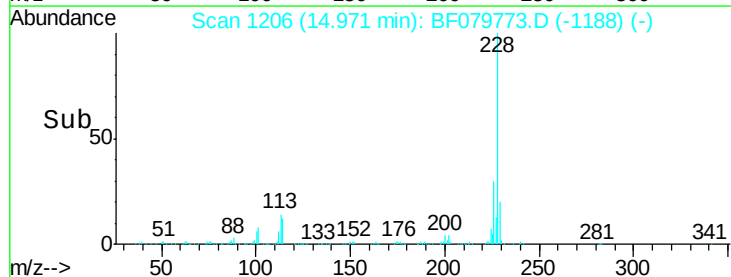
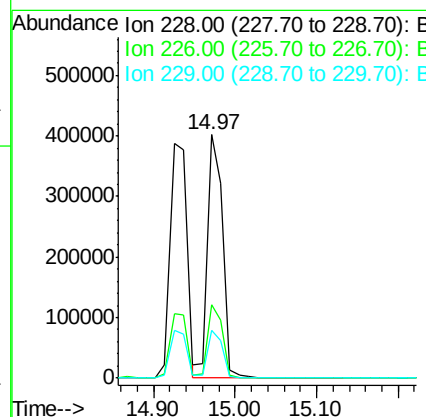
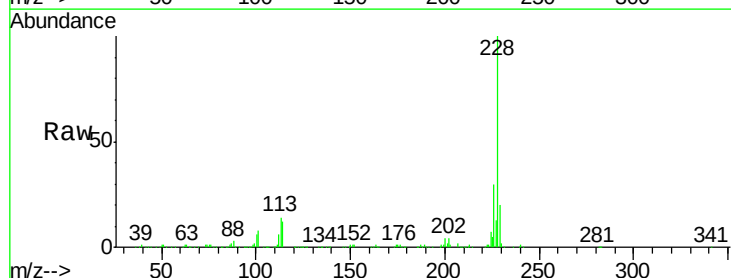
Instrument :
 BNA_F
 ClientSampleId :
 PB83864BS

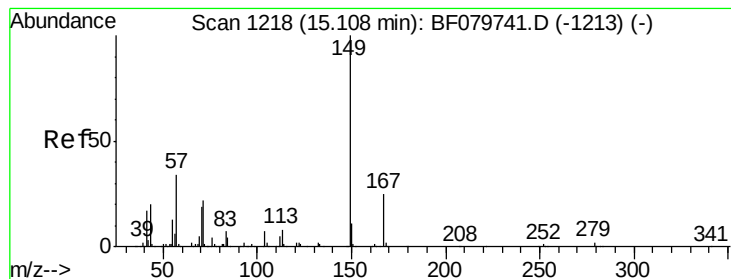
Tgt Ion:252 Resp: 117977
 Ion Ratio Lower Upper
 252 100
 254 65.4 52.0 78.0
 126 10.2 6.9 10.3



#82
 Chrysene
 Concen: 39.58 ng
 RT: 14.97 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Tgt Ion:228 Resp: 530743
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.2 37.8
 229 19.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.41 ng

RT: 14.88 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

Instrument :

BNA_F

ClientSampleId :

PB83864BS

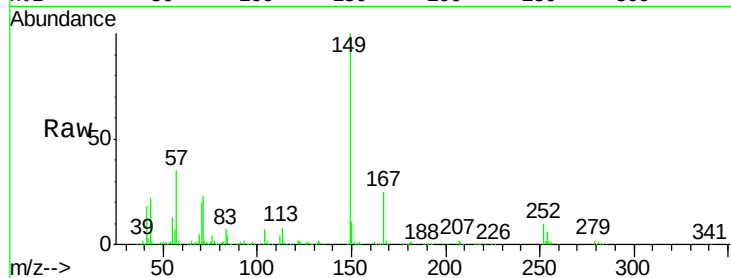
Tgt Ion:149 Resp: 351462

Ion Ratio Lower Upper

149 100

167 24.9 20.9 31.3

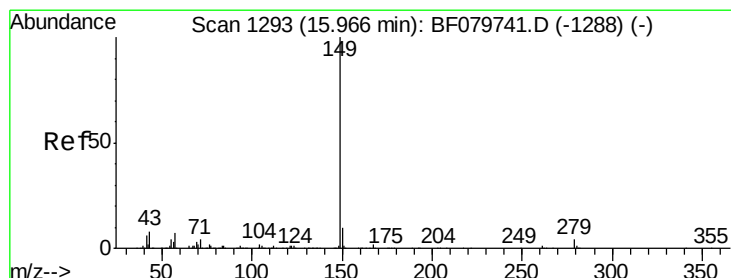
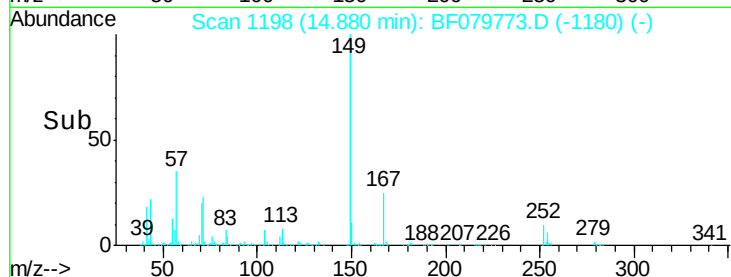
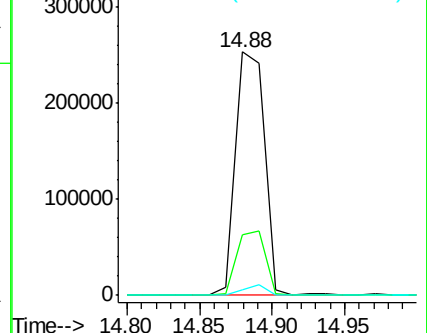
279 2.3 2.2 3.2



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: 37.77 ng

RT: 15.66 min Scan# 1266

Delta R.T. 0.02 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

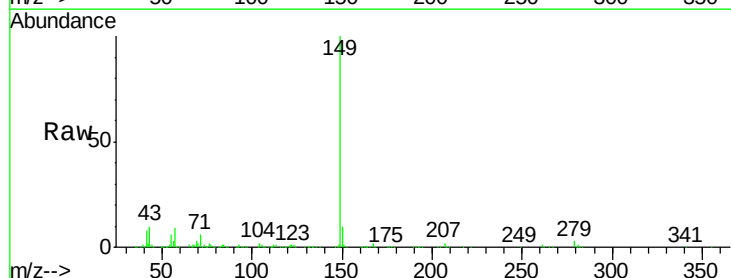
Tgt Ion:149 Resp: 608708

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

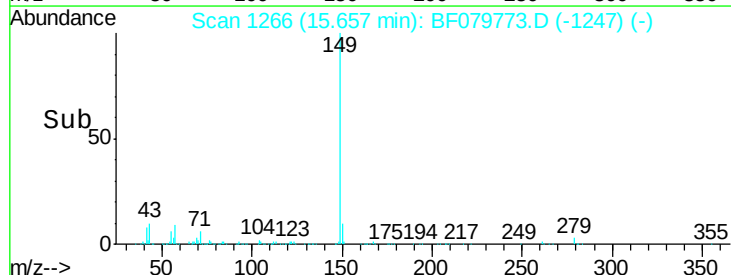
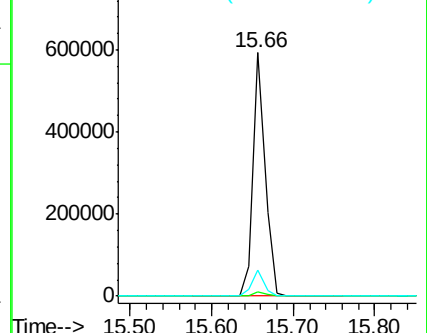
43 10.2 9.0 13.4

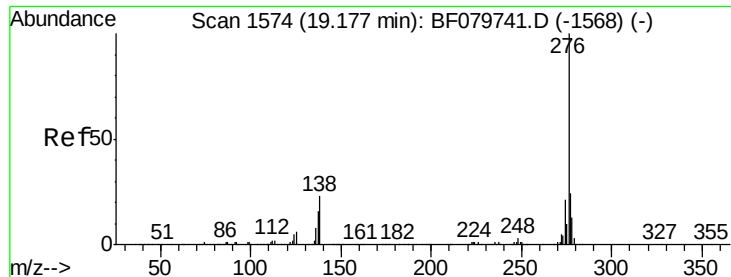


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

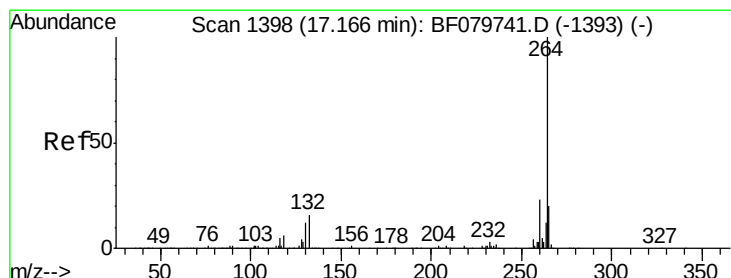
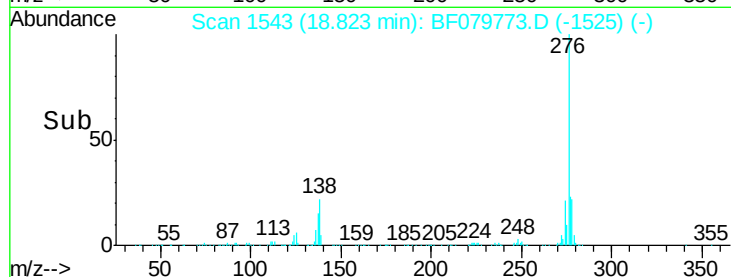
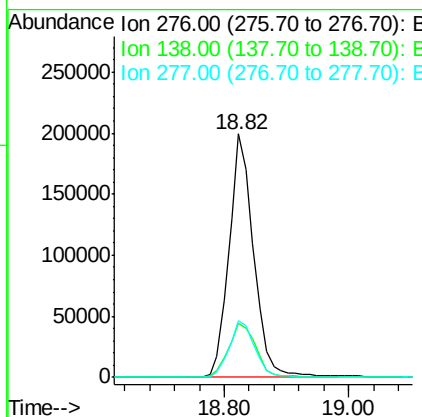
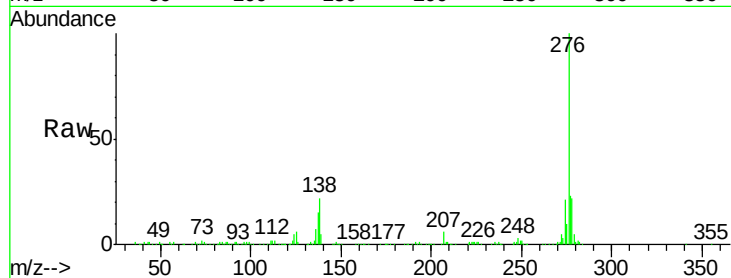




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.43 ng
 RT: 18.82 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

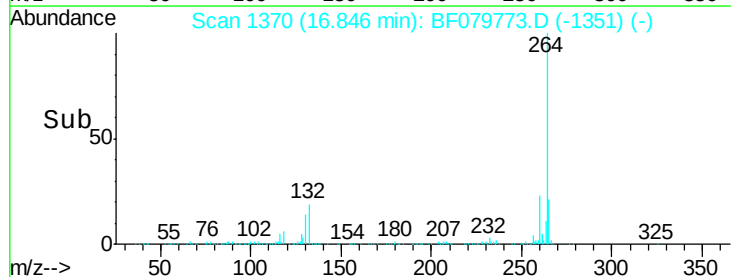
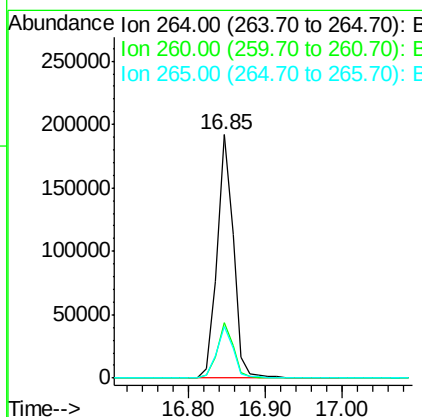
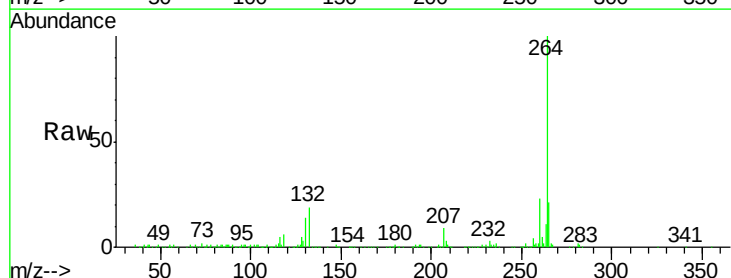
Instrument :
 BNA_F
 ClientSampleId :
 PB83864BS

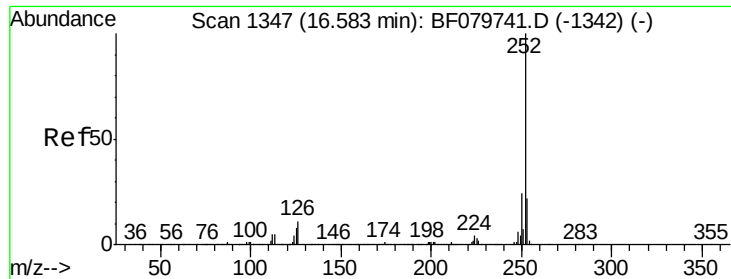
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.8	31.2
277	24.7	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.85 min Scan# 1370
 Delta R.T. 0.02 min
 Lab File: BF079773.D
 Acq: 6 Jun 2015 17:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.0	18.2	27.4

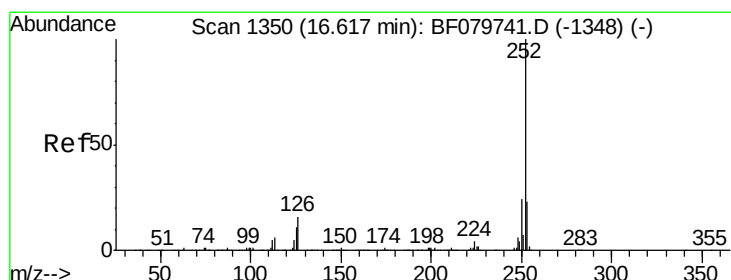
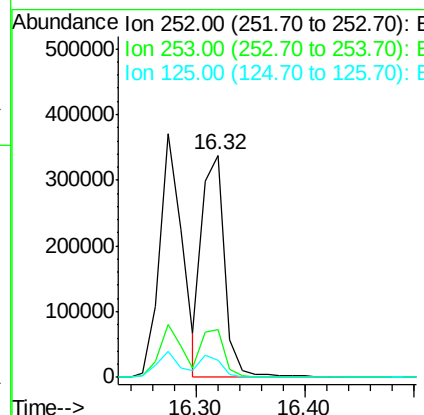
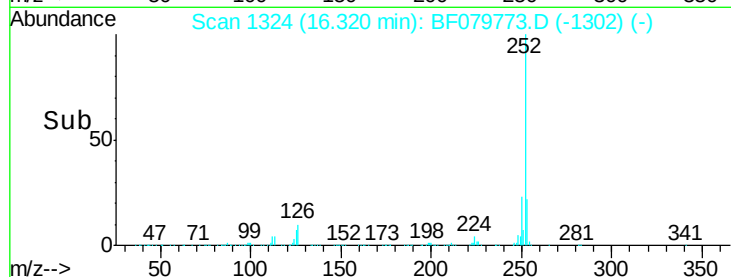
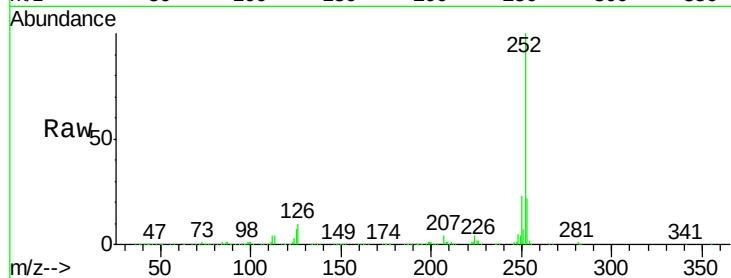




#87
Benzo(b)fluoranthene
Concen: 27.67 ng
RT: 16.32 min Scan# 1324
Delta R.T. 0.06 min
Lab File: BF079773.D
Acq: 6 Jun 2015 17:15

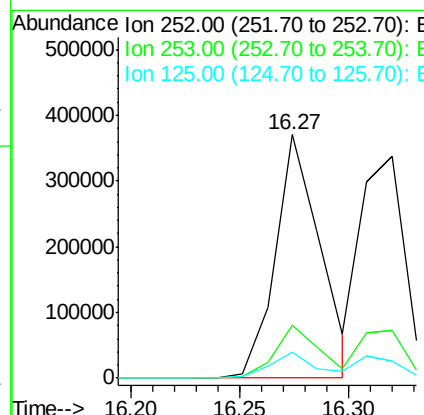
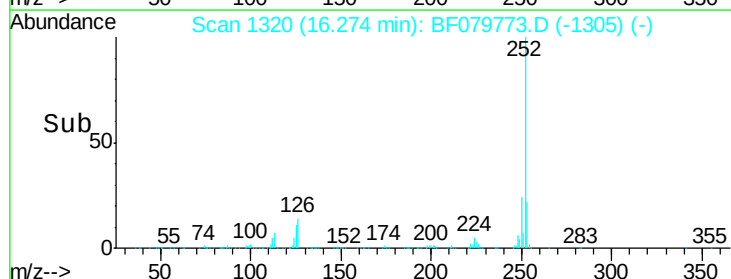
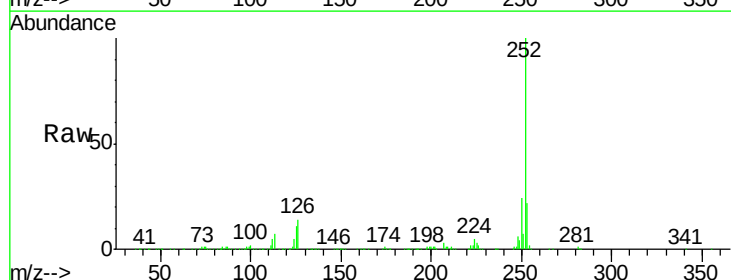
Instrument :
BNA_F
ClientSampleId :
PB83864BS

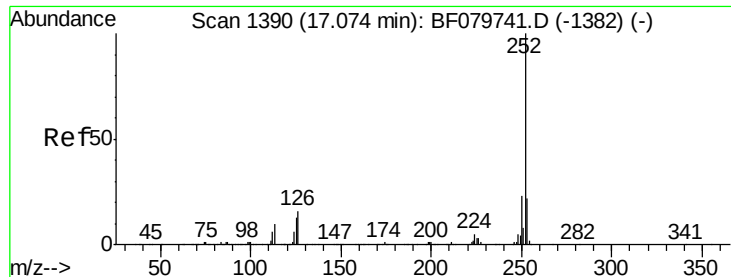
Tgt Ion:252 Resp: 490849
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 7.5 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 31.38 ng
RT: 16.27 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF079773.D
Acq: 6 Jun 2015 17:15

Tgt Ion:252 Resp: 533905
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.7 8.4 12.6





#89

Benzo(a)pyrene

Concen: 39.17 ng

RT: 16.77 min Scan# 1363

Delta R.T. 0.02 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

Instrument :

BNA_F

ClientSampleId :

PB83864BS

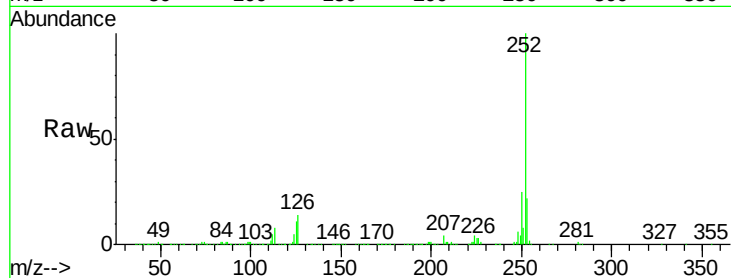
Tgt Ion:252 Resp: 641494

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

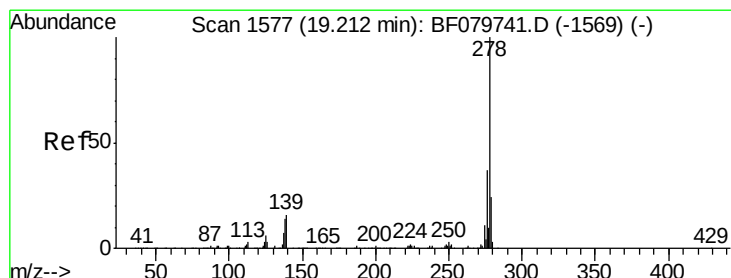
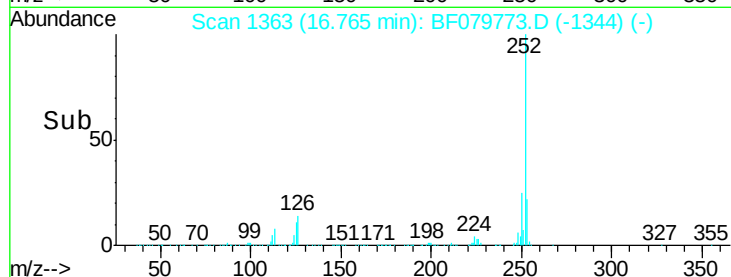
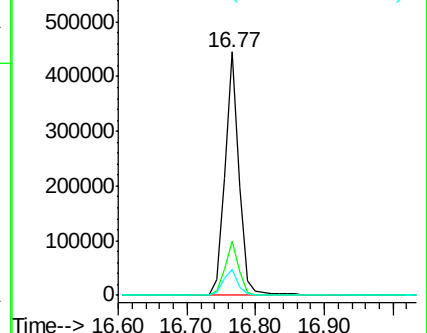
125 10.7 7.4 11.0



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: 28.38 ng

RT: 18.85 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

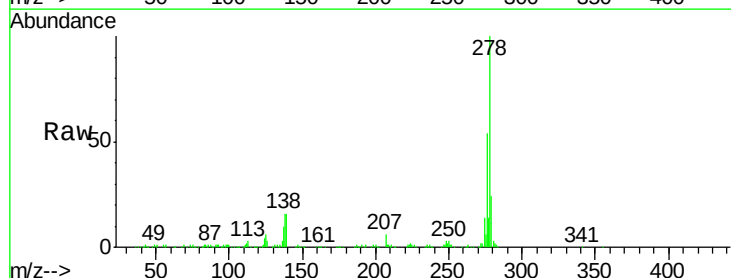
Tgt Ion:278 Resp: 448602

Ion Ratio Lower Upper

278 100

139 16.4 12.7 19.1

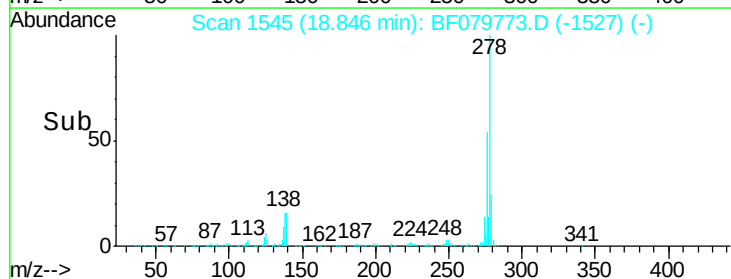
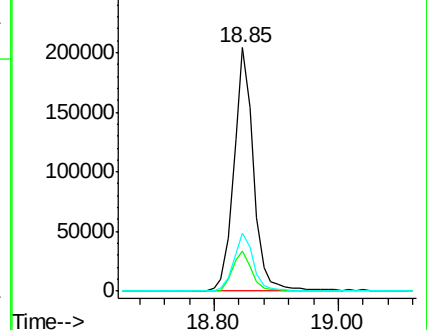
279 23.7 19.4 29.2

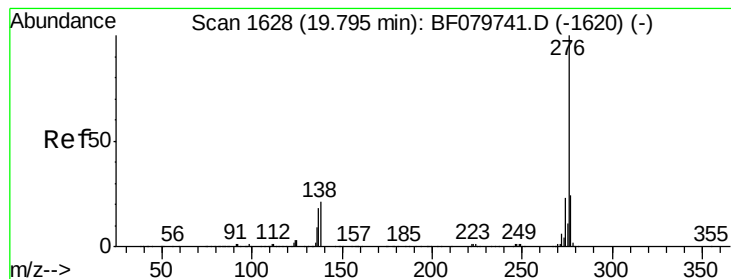


Abundance Ion 278.00 (277.70 to 278.70): E

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: 28.16 ng

RT: 19.42 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BF079773.D

Acq: 6 Jun 2015 17:15

Instrument :

BNA_F

ClientSampleId :

PB83864BS

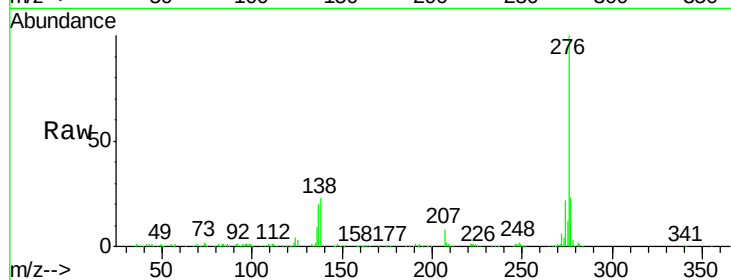
Tgt Ion: 276 Resp: 460190

Ion Ratio Lower Upper

276 100

277 22.8 18.8 28.2

138 23.0 18.2 27.2



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

