

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
 Data File : BF079165.D
 Acq On : 12 May 2015 18:48
 Operator : TP/IZ
 Sample : G2175-08MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMSD

Quant Time: May 13 01:15:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 00:53:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	51576	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	220634	20.00	ng	0.00
38) Acenaphthene-d10	11.04	164	104056	20.00	ng	0.00
63) Phenanthrene-d10	12.88	188	200506	20.00	ng	0.00
75) Chrysene-d12	16.17	240	213993	20.00	ng	-0.02
86) Perylene-d12	17.94	264	233055	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	440247	146.93	ng	0.01
7) Phenol-d6	6.86	99	585148	147.75	ng	0.01
23) Nitrobenzene-d5	7.98	82	338239	88.11	ng	0.00
41) 2,4,6-Tribromophenol	12.02	330	168986	150.12	ng	0.01
44) 2-Fluorobiphenyl	10.20	172	629689	84.31	ng	0.00
78) Terphenyl-d14	14.87	244	754757	84.44	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	42587	32.69	ng	# 27
3) Pyridine	2.97	79	113907	29.88	ng	98
4) n-Nitrosodimethylamine	2.88	42	64355	39.40	ng	# 78
6) Aniline	6.87	93	194517	34.80	ng	# 19
8) 2-Chlorophenol	7.02	128	163064	47.98	ng	96
9) Benzaldehyde	6.73	77	91574	34.32	ng	94
10) Phenol	6.87	94	220014	47.89	ng	78
11) bis(2-Chloroethyl)ether	6.97	93	149960	44.52	ng	98
12) 1,3-Dichlorobenzene	7.21	146	163831	42.89	ng	# 89
13) 1,4-Dichlorobenzene	7.30	146	168831	42.95	ng	96
14) 1,2-Dichlorobenzene	7.48	146	160692	43.91	ng	98
15) Benzyl Alcohol	7.46	79	133738	45.49	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.64	45	235153	45.63	ng	98
17) 2-Methylphenol	7.61	107	131934	48.24	ng	97
18) Hexachloroethane	7.91	117	56578	41.79	ng	97
19) n-Nitroso-di-n-propylamine	7.79	70	112156	41.93	ng	91
20) 3+4-Methylphenols	7.80	107	170416	46.77	ng	# 46
22) Acetophenone	7.79	105	227853	45.71	ng	# 91
24) Nitrobenzene	8.00	77	173304	45.54	ng	# 88
25) Isophorone	8.30	82	309144	43.44	ng	95
26) 2-Nitrophenol	8.39	139	79569	50.52	ng	# 84
27) 2,4-Dimethylphenol	8.46	122	153482	48.70	ng	95
28) bis(2-Chloroethoxy)methane	8.57	93	188559	42.98	ng	97
29) 2,4-Dichlorophenol	8.68	162	134128	47.86	ng	91
30) 1,2,4-Trichlorobenzene	8.79	180	132228	42.95	ng	95
31) Naphthalene	8.89	128	462797	44.02	ng	98
32) Benzoic acid	8.56	122	74149	38.93	ng	89
33) 4-Chloroaniline	8.96	127	167284	37.61	ng	98
34) Hexachlorobutadiene	9.04	225	73099	41.23	ng	97
35) Caprolactam	9.38	113	42008	46.35	ng	92
36) 4-Chloro-3-methylphenol	9.56	107	141558	48.09	ng	99
37) 2-Methylnaphthalene	9.75	142	323218	44.37	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.95	216	127992	43.67	ng	# 100
40) Hexachlorocyclopentadiene	9.93	237	53682	36.43	ng	99

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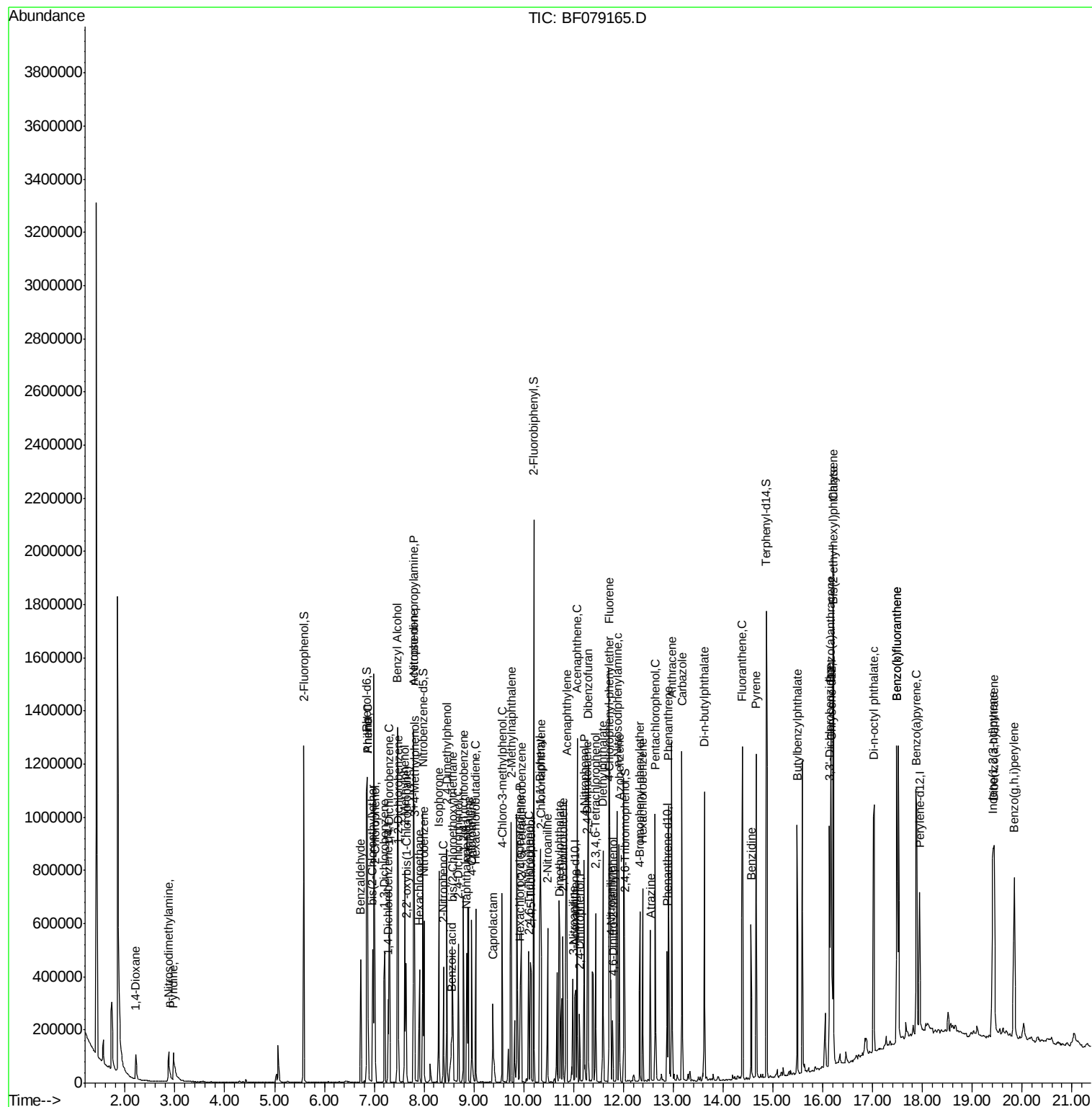
42) 2,4,6-Trichlorophenol	10.10	196	91851	45.59	ng	96
43) 2,4,5-Trichlorophenol	10.15	196	96775	47.51	ng #	86
45) 1,1'-Biphenyl	10.33	154	373587	45.16	ng	95
46) 2-Chloronaphthalene	10.34	162	285574	44.26	ng	99
47) 2-Nitroaniline	10.48	65	94040	50.30	ng #	82
48) Acenaphthylene	10.86	152	472022	44.55	ng	99
49) Dimethylphthalate	10.72	163	400181	52.40	ng	98
50) 2,6-Dinitrotoluene	10.79	165	74550	49.46	ng #	75
51) Acenaphthene	11.07	154	276488	43.76	ng	98
52) 3-Nitroaniline	10.99	138	84140	44.69	ng #	87
53) 2,4-Dinitrophenol	11.12	184	31826	60.16	ng	89
54) Dibenzofuran	11.29	168	424081	46.47	ng	97
55) 4-Nitrophenol	11.21	139	156590	105.09	ng	92
56) 2,4-Dinitrotoluene	11.28	165	97566	48.97	ng	91
57) Fluorene	11.71	166	339993	45.39	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.44	232	79855	47.97	ng #	100
59) Diethylphthalate	11.59	149	337721	44.64	ng	98
60) 4-Chlorophenyl-phenylether	11.72	204	149306	44.93	ng	96
61) 4-Nitroaniline	11.75	138	93167	49.47	ng	84
62) Azobenzene	11.92	77	342554	45.95	ng	97
64) 4,6-Dinitro-2-methylphenol	11.78	198	26181	35.19	ng	97
65) n-Nitrosodiphenylamine	11.87	169	302077	45.24	ng	99
66) 4-Bromophenyl-phenylether	12.33	248	94419	45.18	ng	96
67) Hexachlorobenzene	12.39	284	102745	43.01	ng	97
68) Atrazine	12.55	200	90993	46.86	ng	94
69) Pentachlorophenol	12.64	266	111709	79.94	ng	97
70) Phenanthrene	12.90	178	501350	44.70	ng	99
71) Anthracene	12.97	178	509778	46.33	ng	99
72) Carbazole	13.18	167	508252	48.46	ng	99
73) Di-n-butylphthalate	13.62	149	584654	46.48	ng #	98
74) Fluoranthene	14.39	202	595470	50.95	ng	94
76) Benzidine	14.56	184	259777	45.04	ng	98
77) Pyrene	14.66	202	612086	49.64	ng	98
79) Butylbenzylphthalate	15.49	149	276349	51.27	ng	99
80) Benzo(a)anthracene	16.16	228	572276	48.84	ng	99
81) 3,3'-Dichlorobenzidine	16.14	252	211164	50.59	ng #	95
82) Chrysene	16.21	228	532293	47.23	ng	99
83) Bis(2-ethylhexyl)phthalate	16.22	149	395298	48.42	ng	99
84) Di-n-octyl phthalate	17.03	149	702322	48.84	ng #	100
85) Indeno(1,2,3-cd)pyrene	19.41	276	656263	45.70	ng #	100
87) Benzo(b)fluoranthene	17.49	252	651527	51.07	ng	99
88) Benzo(k)fluoranthene	17.49	252	651527	52.76	ng	99
89) Benzo(a)pyrene	17.89	252	560443	47.71	ng	99
90) Dibenzo(a,h)anthracene	19.44	278	510634	40.91	ng	99
91) Benzo(g,h,i)perylene	19.84	276	531220	42.46	ng	95

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

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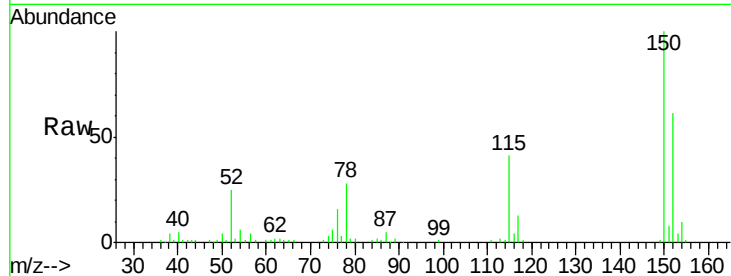




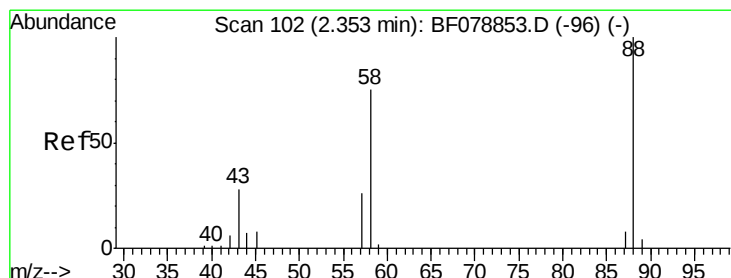
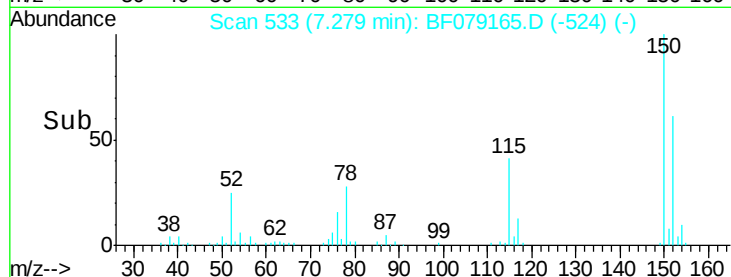
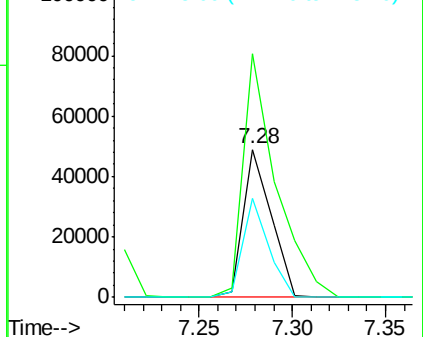
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.28 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMSD

Tgt Ion:152 Resp: 51576
 Ion Ratio Lower Upper
 152 100
 150 164.4 122.0 183.0
 115 66.7 46.3 69.5

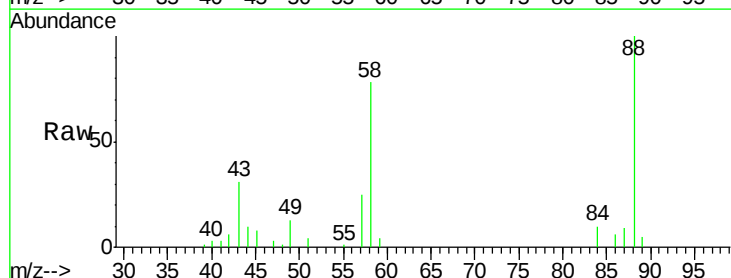


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

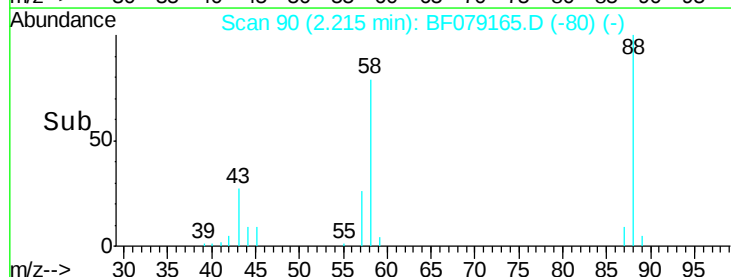
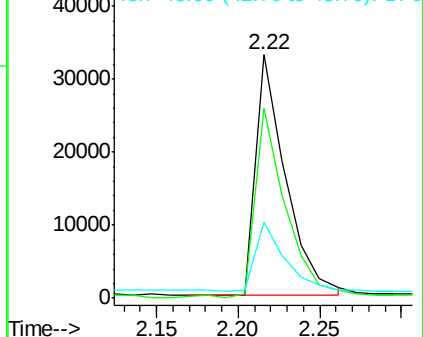


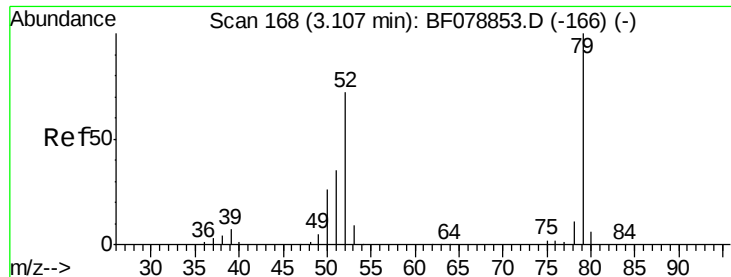
#2
 1,4-Dioxane
 Concen: 32.69 ng
 RT: 2.22 min Scan# 90
 Delta R.T. 0.01 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

Tgt Ion: 88 Resp: 42587
 Ion Ratio Lower Upper
 88 100
 58 80.5 0.0 0.0#
 43 28.2 3.3 4.9#



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: 29.88 ng

RT: 2.97 min Scan# 156

Delta R.T. 0.03 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

Instrument :

BNA_F

ClientSampleId :

COMP-EMSD

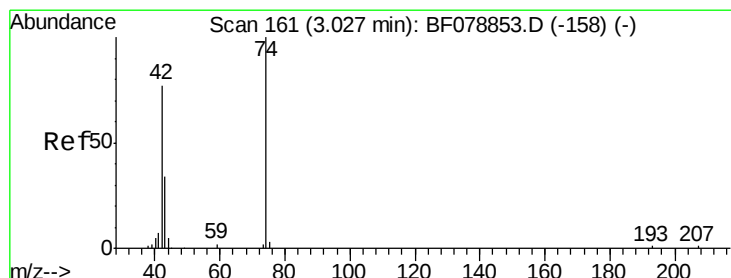
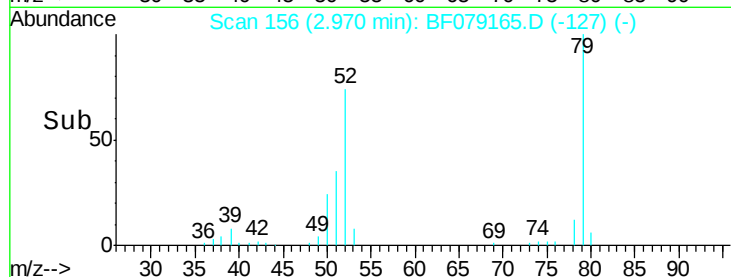
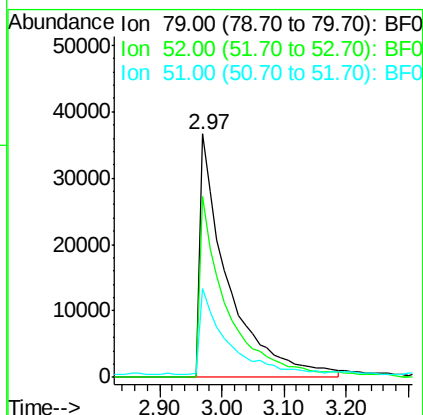
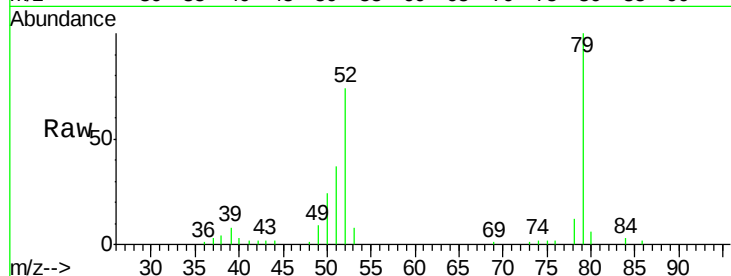
Tgt Ion: 79 Resp: 113907

Ion Ratio Lower Upper

79 100

52 74.1 57.2 85.8

51 36.6 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 39.40 ng

RT: 2.88 min Scan# 148

Delta R.T. 0.01 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

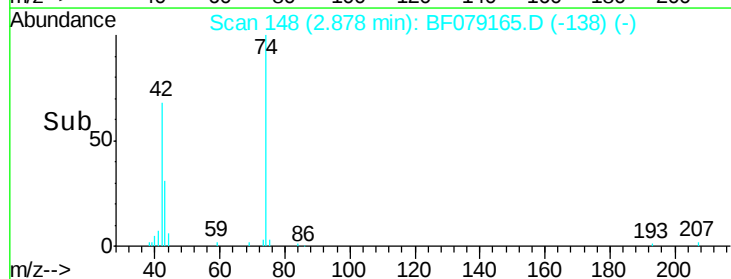
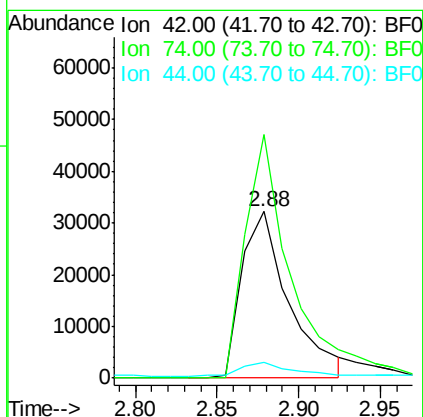
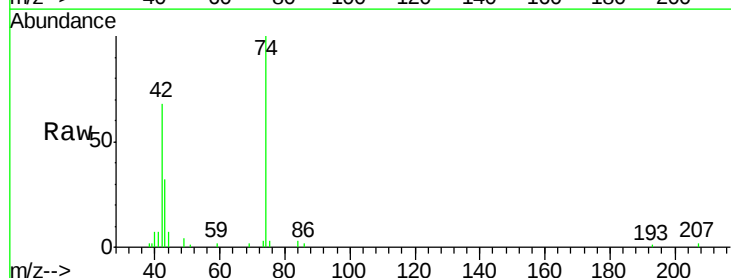
Tgt Ion: 42 Resp: 64355

Ion Ratio Lower Upper

42 100

74 146.2 96.5 144.7#

44 9.6 6.1 9.1#





#5

2-Fluorophenol

Concen: 146.93 ng

RT: 5.59 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

Instrument :

BNA_F

ClientSampleId :

COMP-EMSD

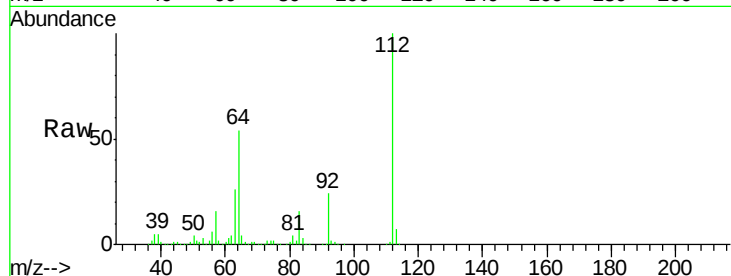
Tgt Ion: 112 Resp: 440247

Ion Ratio Lower Upper

112 100

64 53.6 53.5 80.3

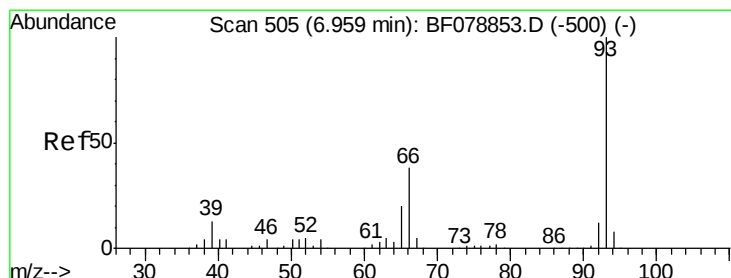
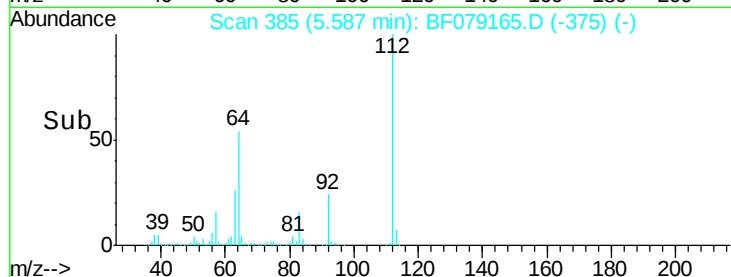
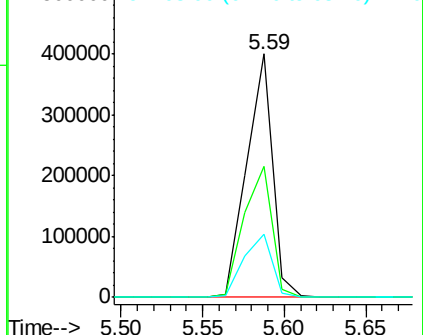
63 25.9 27.5 41.3#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.80 ng

RT: 6.87 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

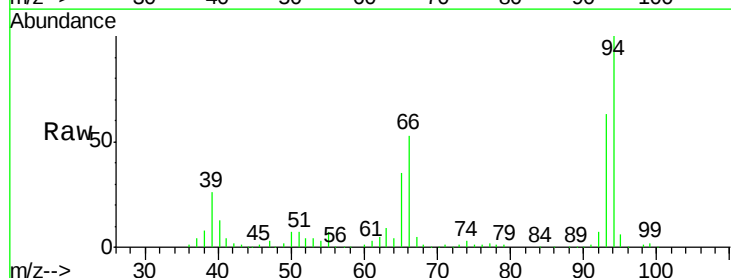
Tgt Ion: 93 Resp: 194517

Ion Ratio Lower Upper

93 100

66 84.5 29.7 44.5#

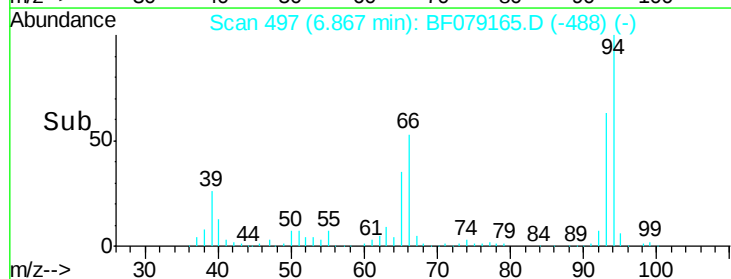
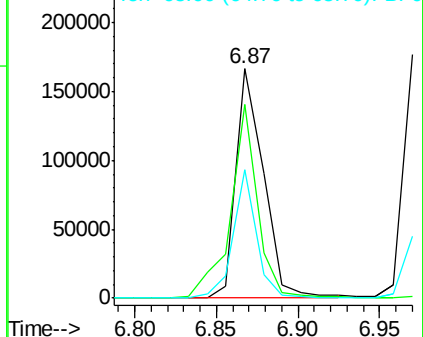
65 55.8 14.6 22.0#

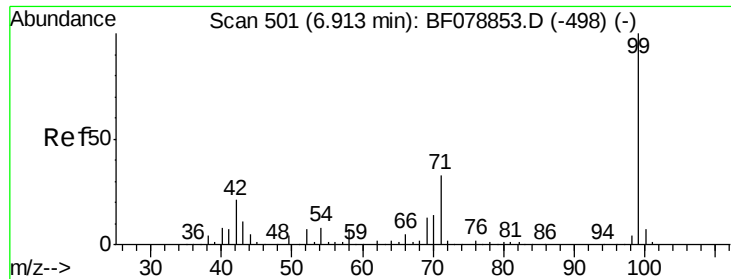


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 147.75 ng

RT: 6.86 min Scan# 496

Delta R.T. 0.01 min

Lab File: BF079165.D

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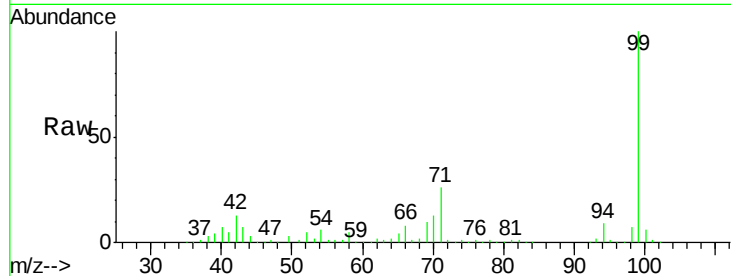
Tgt Ion: 99 Resp: 585148

Ion Ratio Lower Upper

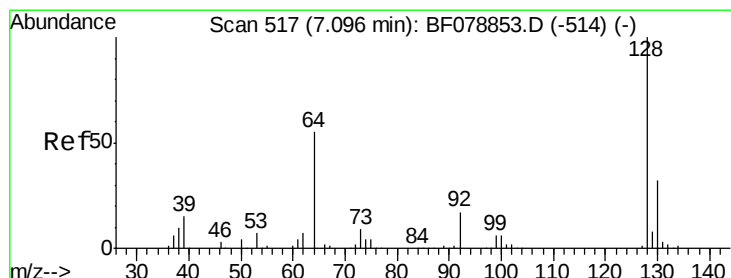
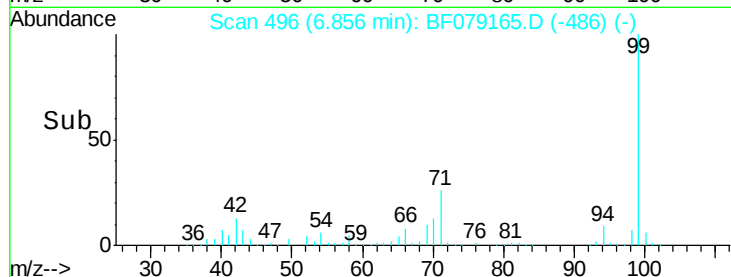
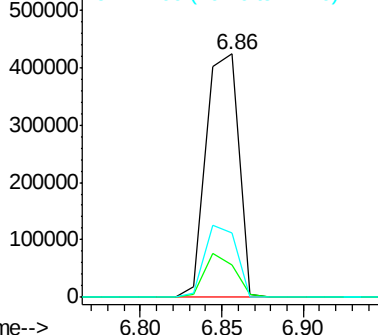
99 100

42 13.3 12.8 19.2

71 26.3 23.4 35.2



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: 47.98 ng

RT: 7.02 min Scan# 510

Delta R.T. -0.00 min

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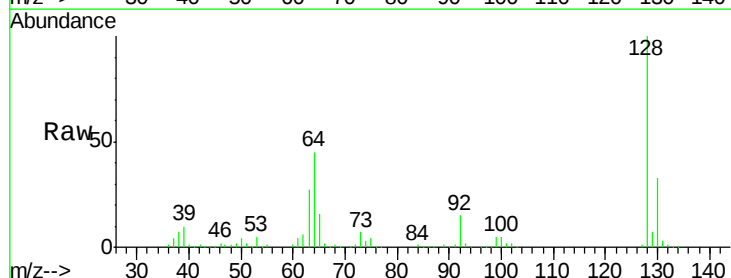
Tgt Ion: 128 Resp: 163064

Ion Ratio Lower Upper

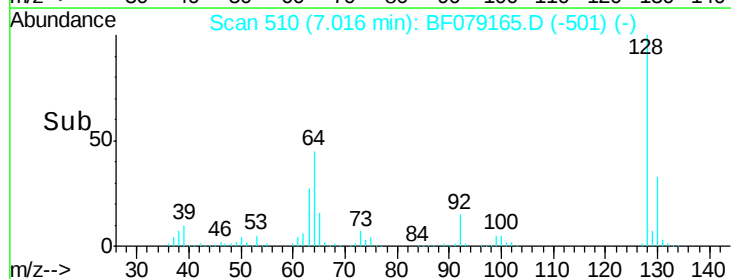
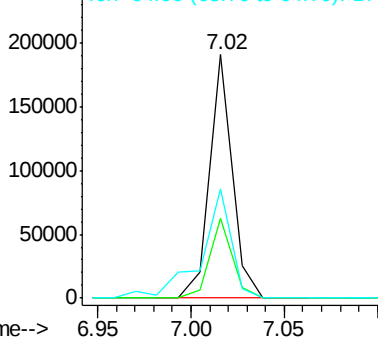
128 100

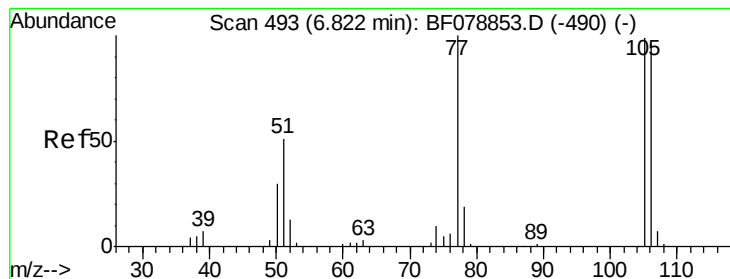
130 32.5 12.1 52.1

64 45.0 29.6 69.6



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: 34.32 ng

RT: 6.73 min Scan# 485

Delta R.T. -0.00 min

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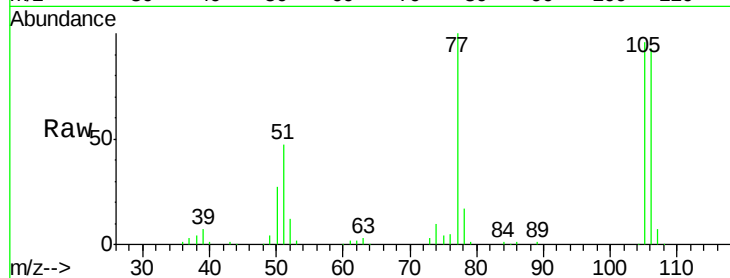
Tgt Ion: 77 Resp: 91574

Ion Ratio Lower Upper

77 100

105 96.3 81.7 121.7

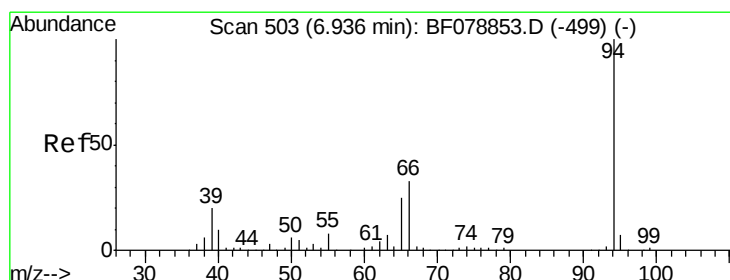
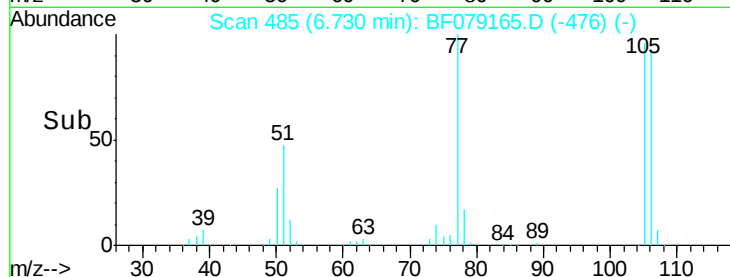
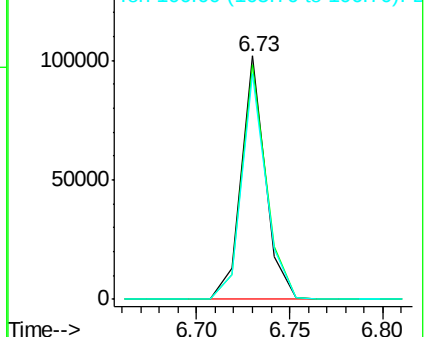
106 92.5 79.0 119.0



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: 47.89 ng

RT: 6.87 min Scan# 497

Delta R.T. -0.00 min

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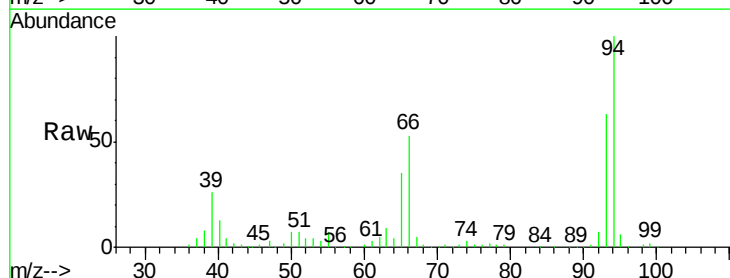
Tgt Ion: 94 Resp: 220014

Ion Ratio Lower Upper

94 100

65 35.2 8.5 48.5

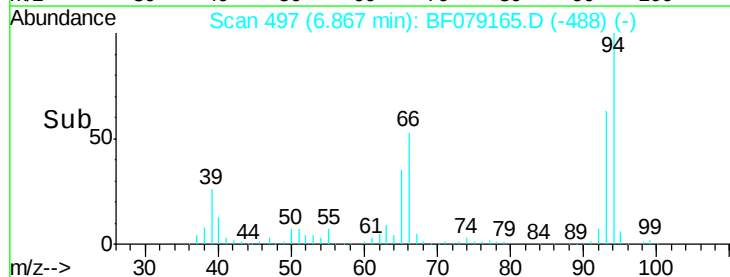
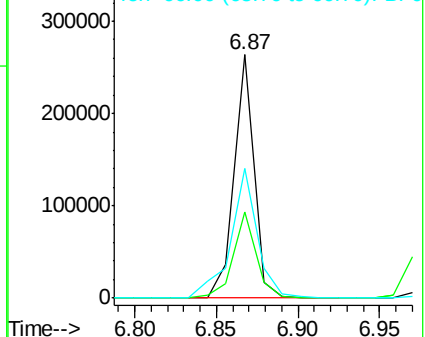
66 53.3 16.0 56.0



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

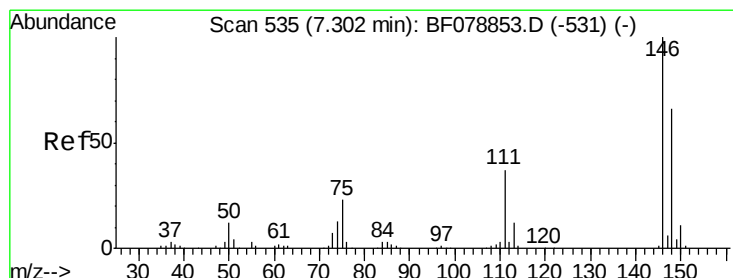
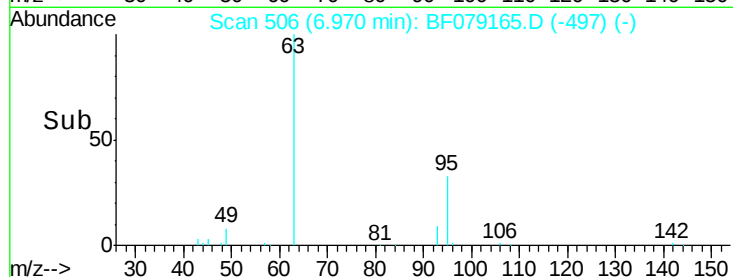
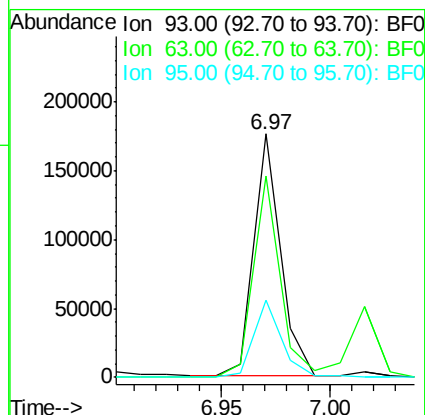
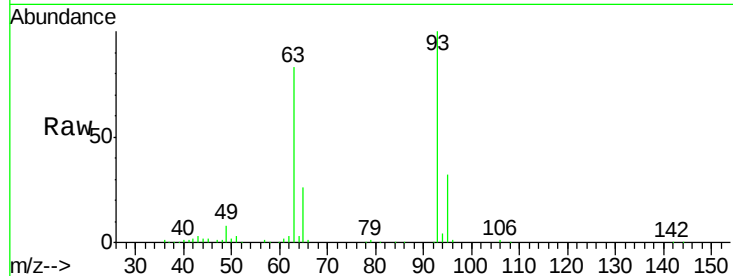




#11
bis(2-Chloroethyl)ether
Concen: 44.52 ng
RT: 6.97 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

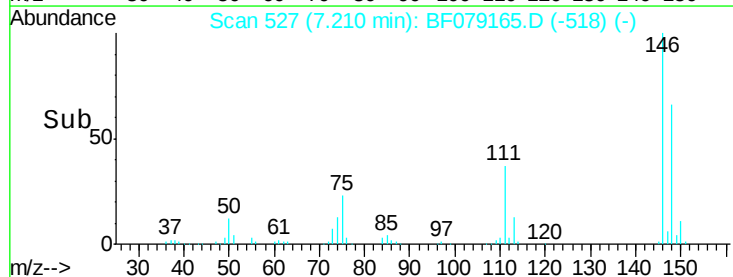
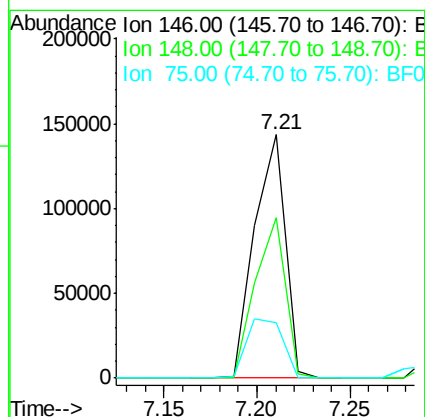
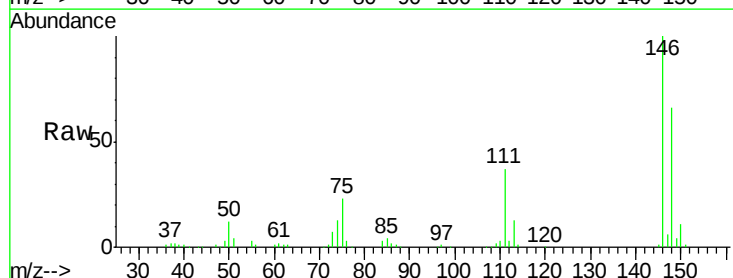
Instrument :
BNA_F
ClientSampleId :
COMP-EMSD

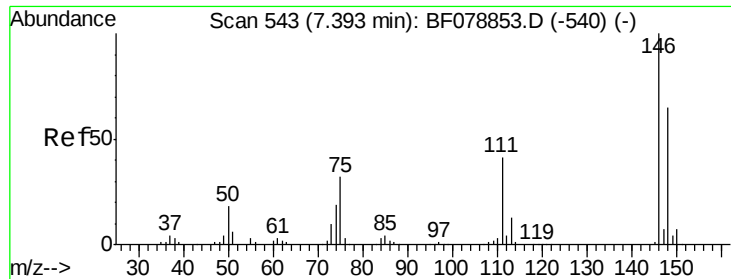
Tgt Ion: 93 Resp: 149960
Ion Ratio Lower Upper
93 100
63 83.0 64.8 104.8
95 31.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 42.89 ng
RT: 7.21 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Tgt Ion: 146 Resp: 163831
Ion Ratio Lower Upper
146 100
148 65.8 50.2 75.2
75 22.6 29.2 43.8#

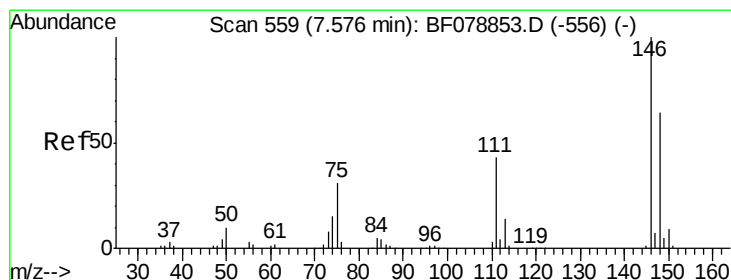
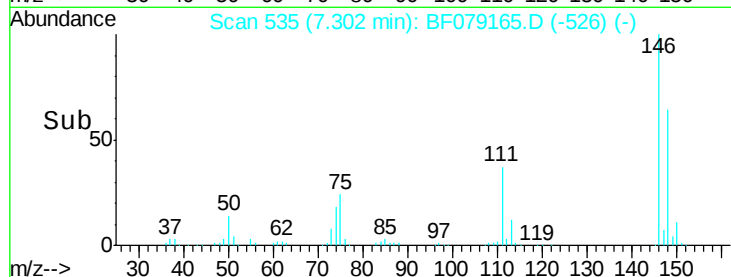
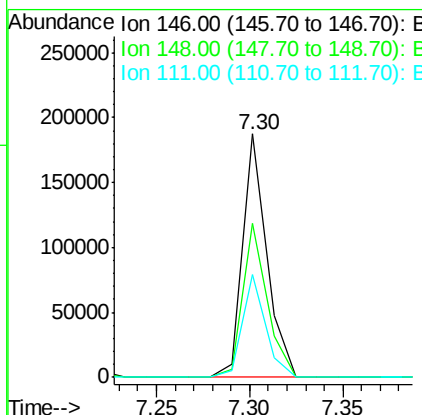
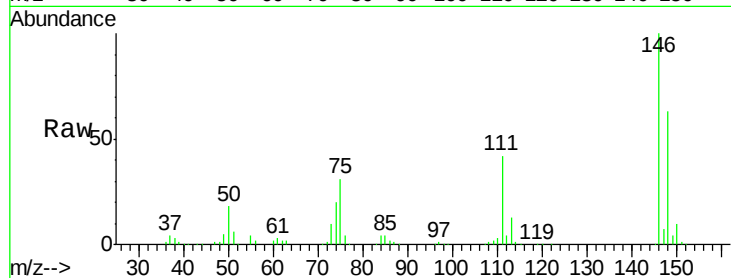




#13
 1,4-Dichlorobenzene
 Concen: 42.95 ng
 RT: 7.30 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

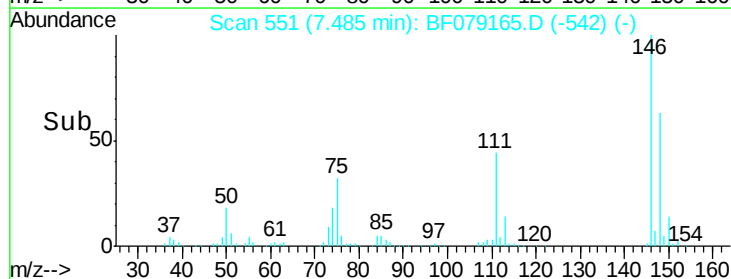
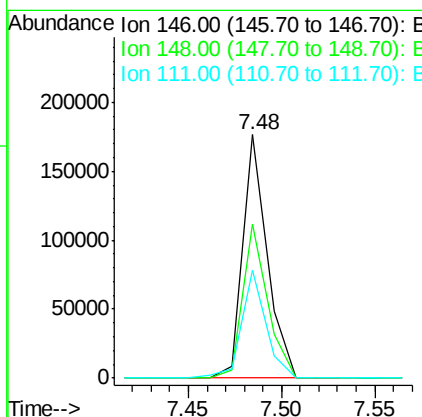
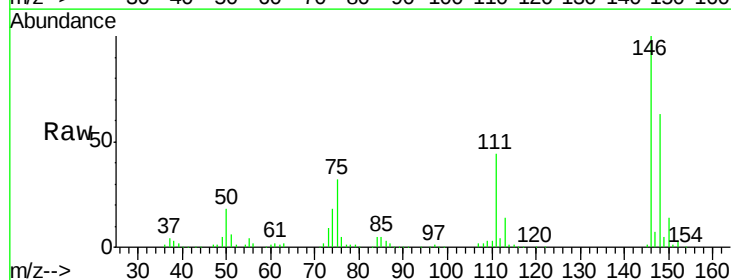
Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMSD

Tgt Ion:146 Resp: 168831
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.8 79.2
 111 42.0 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 43.91 ng
 RT: 7.48 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

Tgt Ion:146 Resp: 160692
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.2 76.8
 111 44.5 33.3 49.9





#15

Benzyl Alcohol

Concen: 45.49 ng

RT: 7.46 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

Instrument :

BNA_F

ClientSampleId :

COMP-EMSD

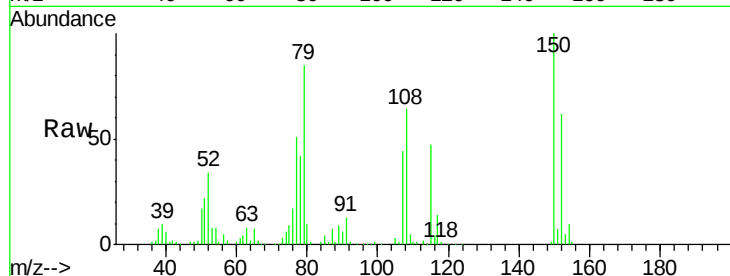
Tgt Ion: 79 Resp: 133738

Ion Ratio Lower Upper

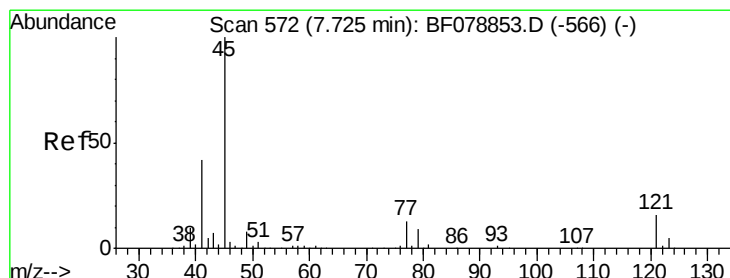
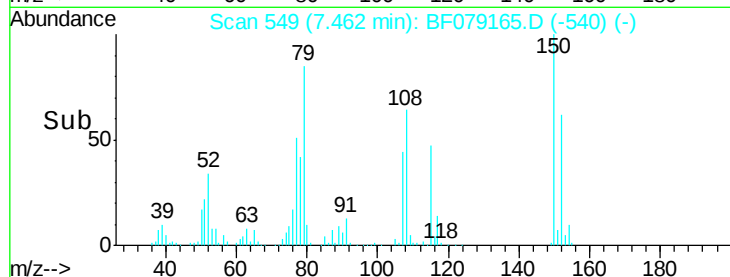
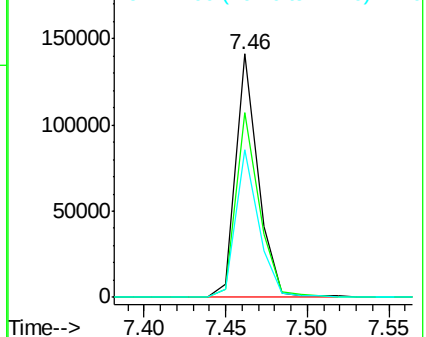
79 100

108 75.7 62.5 93.7

77 60.4 52.2 78.4



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: 45.63 ng

RT: 7.64 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

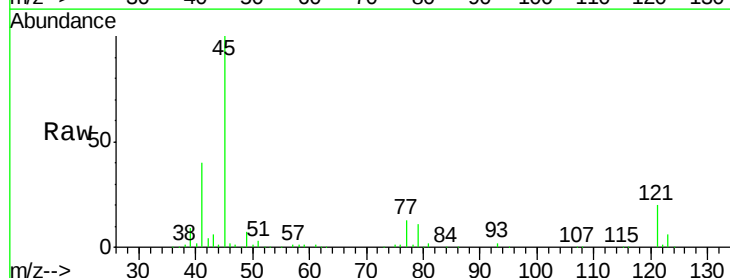
Tgt Ion: 45 Resp: 235153

Ion Ratio Lower Upper

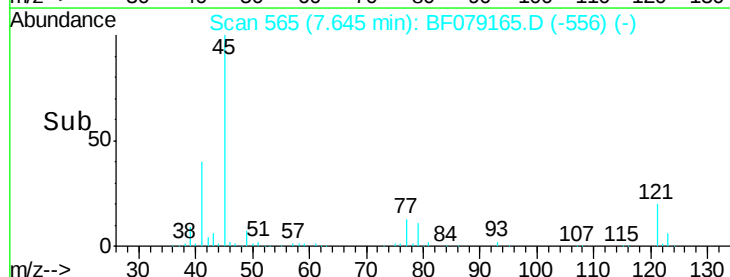
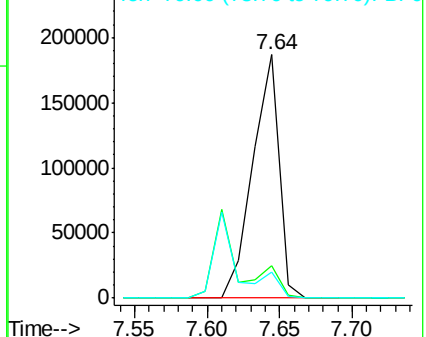
45 100

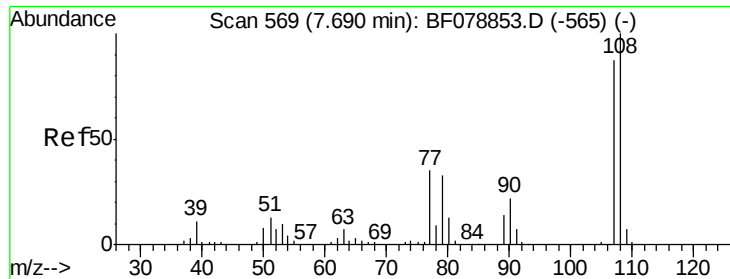
77 13.1 0.0 32.3

79 10.8 0.0 30.1



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

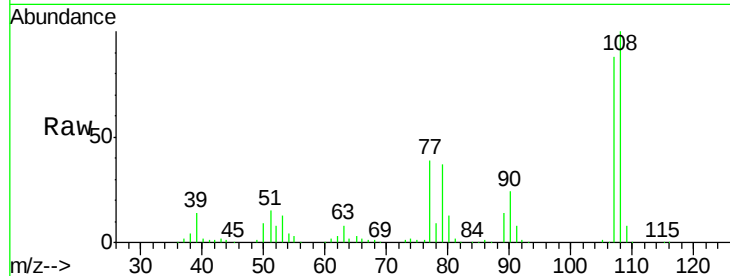




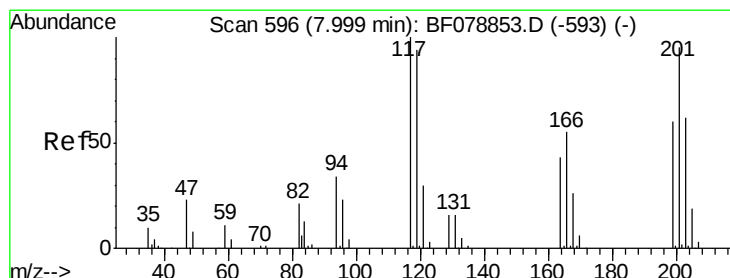
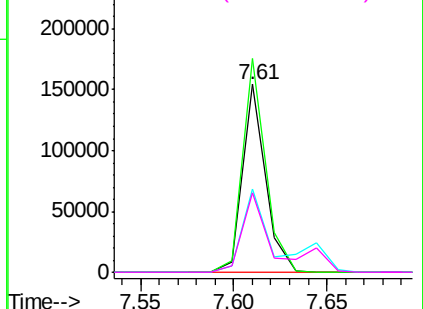
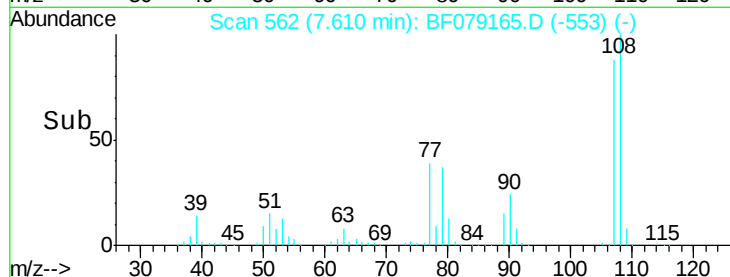
#17
2-Methylphenol
Concen: 48.24 ng
RT: 7.61 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Instrument :
BNA_F
ClientSampleId :
COMP-EMSD

Tgt Ion:107 Resp: 131934
Ion Ratio Lower Upper
107 100
108 113.9 94.9 142.3
77 44.3 36.2 54.4
79 42.6 35.2 52.8

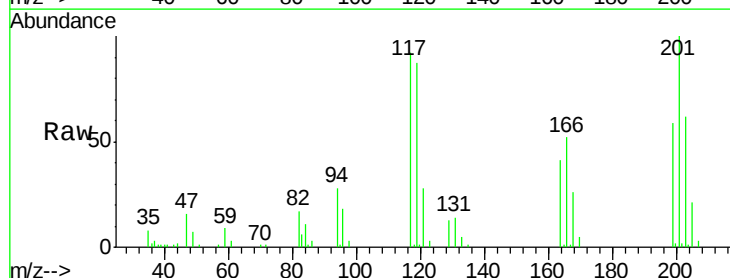


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

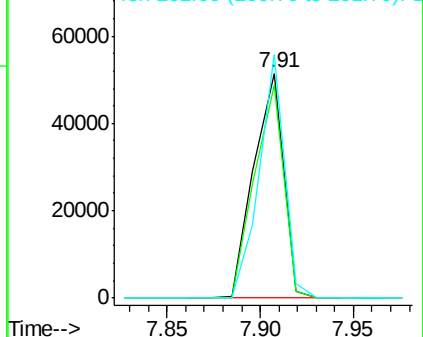
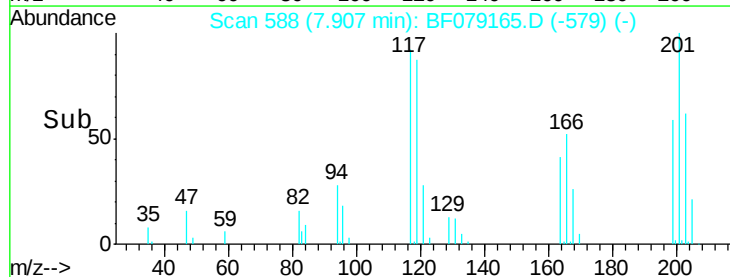


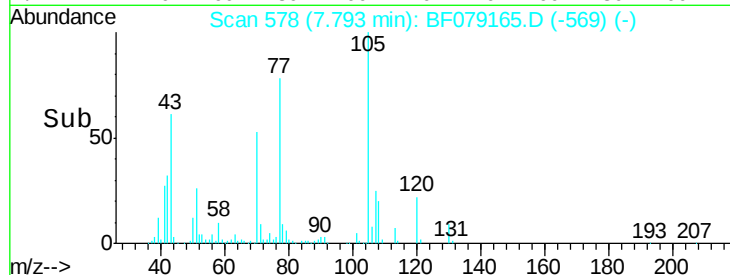
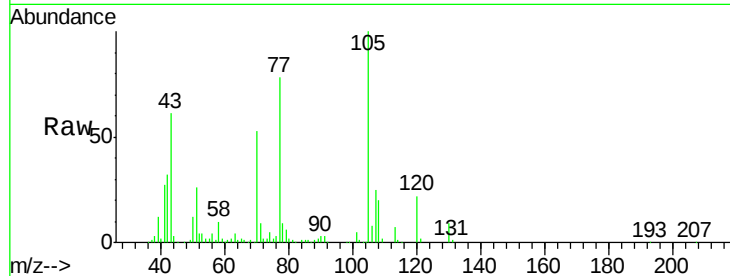
#18
Hexachloroethane
Concen: 41.79 ng
RT: 7.91 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Tgt Ion:117 Resp: 56578
Ion Ratio Lower Upper
117 100
119 94.8 75.4 113.0
201 108.5 83.2 124.8



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

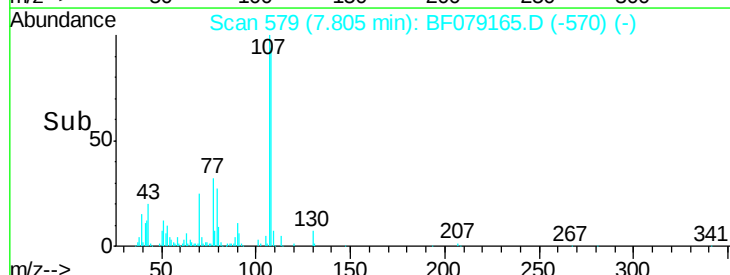
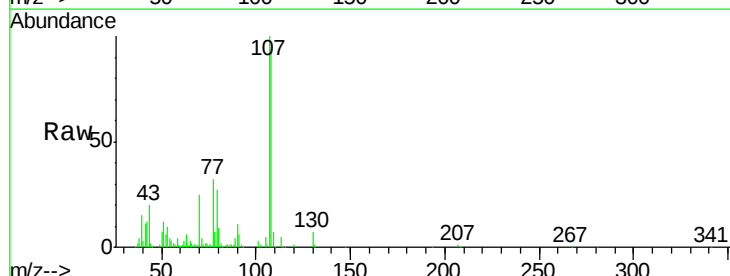
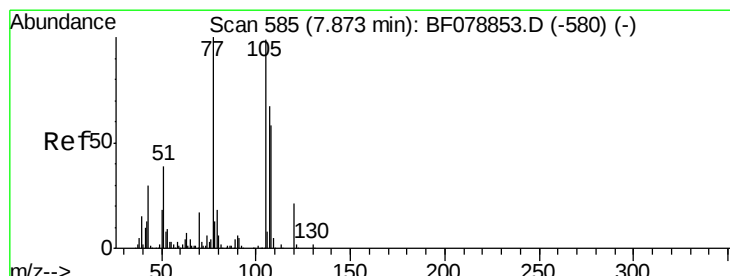
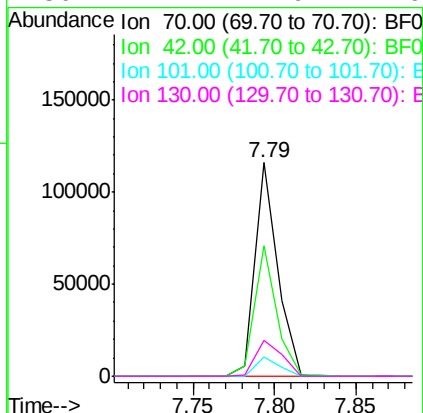




#19
n-Nitroso-di-n-propylamine
Concen: 41.93 ng
RT: 7.79 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

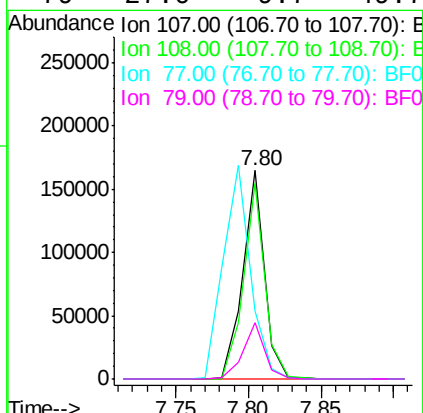
Instrument :
BNA_F
ClientSampleId :
COMP-EMSD

Tgt Ion: 70 Resp: 112156
Ion Ratio Lower Upper
70 100
42 60.9 55.4 83.0
101 9.0 6.6 10.0
130 17.1 11.9 17.9



#20
3+4-Methylphenols
Concen: 46.77 ng
RT: 7.80 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Tgt Ion: 107 Resp: 170416
Ion Ratio Lower Upper
107 100
108 93.9 76.9 116.9
77 32.4 136.8 176.8#
79 27.0 9.7 49.7

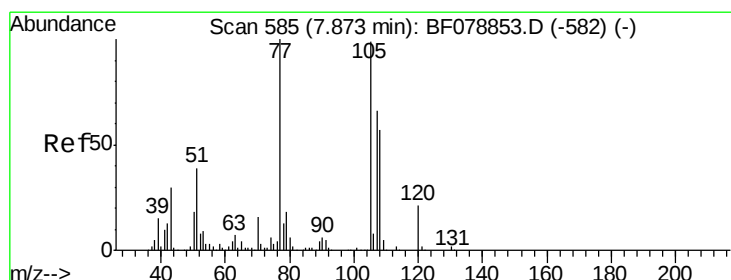
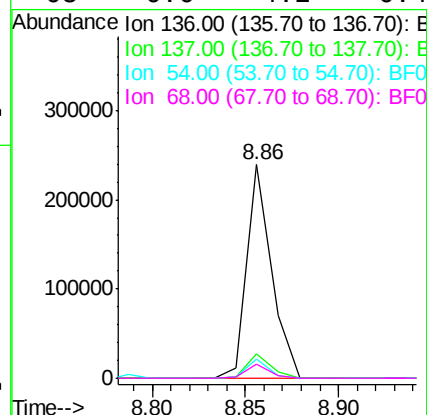
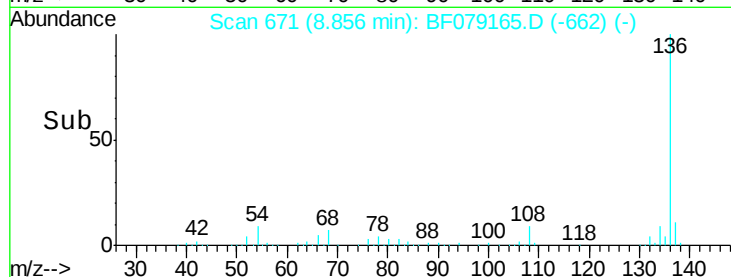
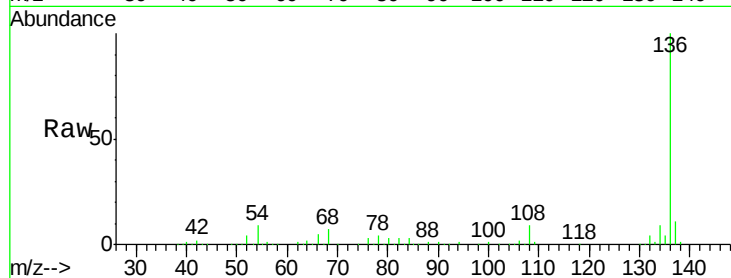




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.86 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

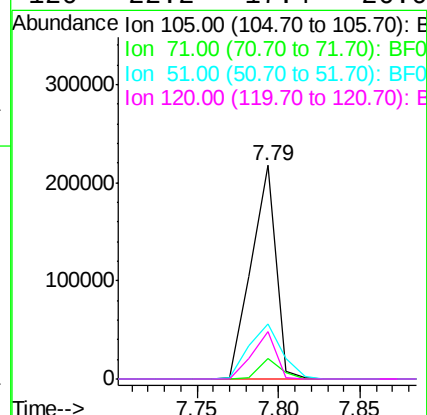
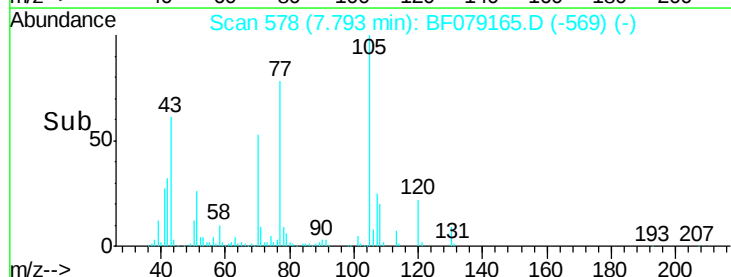
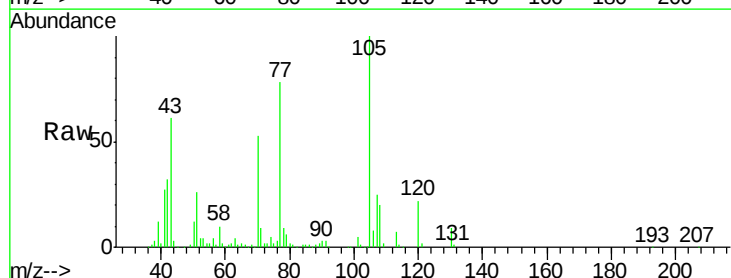
Instrument :
BNA_F
ClientSampleId :
COMP-EMSD

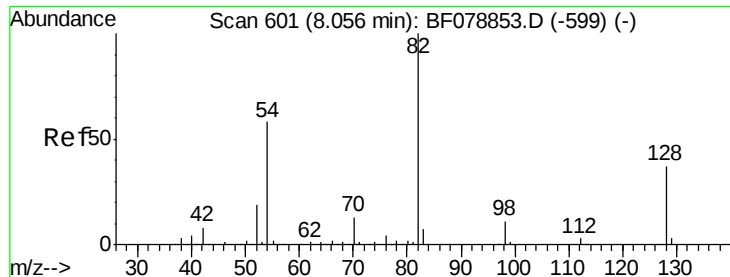
Tgt Ion:	136	Resp:	220634
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	8.9	5.8	8.8#
68	6.6	4.2	6.4#



#22
Acetophenone
Concen: 45.71 ng
RT: 7.79 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Tgt Ion:	105	Resp:	227853
Ion Ratio	Lower	Upper	
105	100		
71	9.4	4.6	6.8#
51	25.7	26.7	40.1#
120	22.2	17.4	26.0

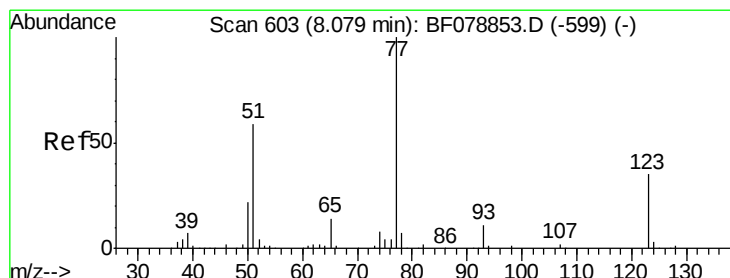
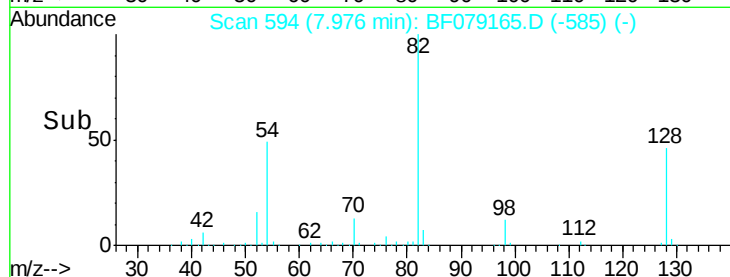
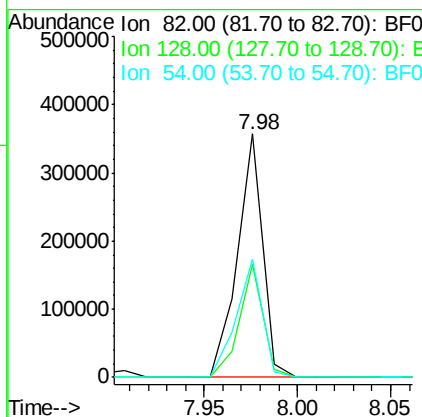
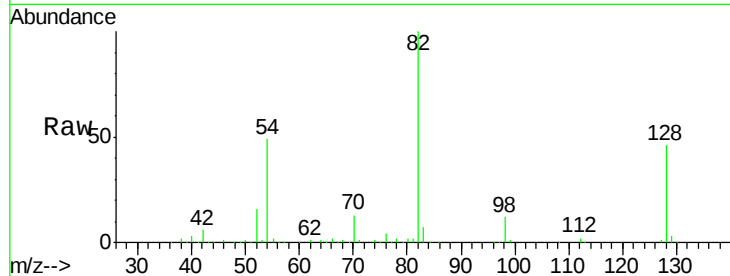




#23
 Nitrobenzene-d5
 Concen: 88.11 ng
 RT: 7.98 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

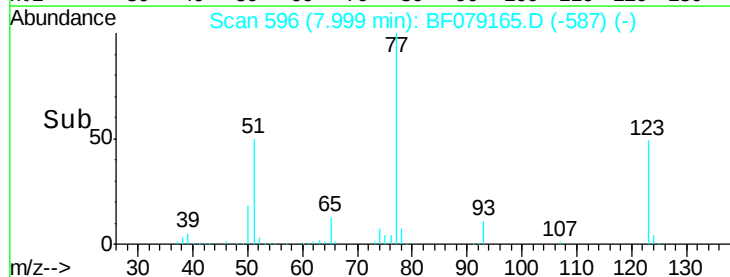
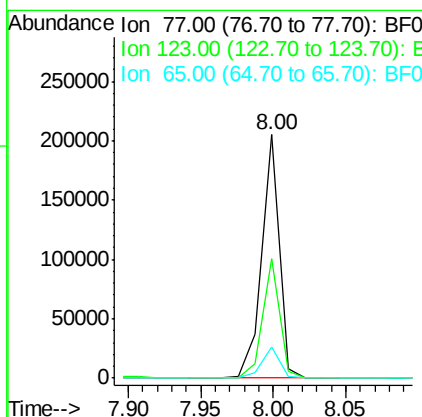
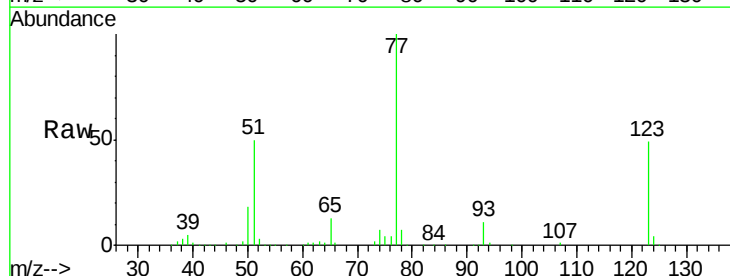
Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMSD

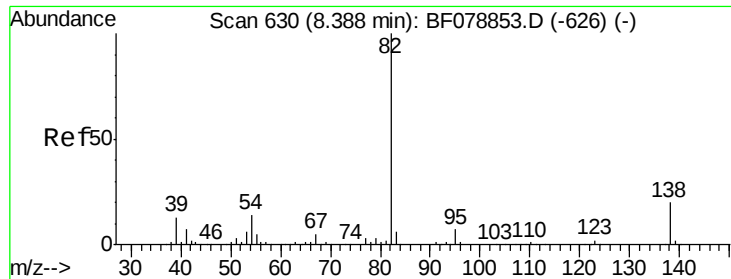
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	30.0	45.0#
54	48.8	46.4	69.6



#24
 Nitrobenzene
 Concen: 45.54 ng
 RT: 8.00 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	31.8	47.8#
65	13.0	10.6	15.8





#25

Isophorone

Concen: 43.44 ng

RT: 8.30 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

Instrument :

BNA_F

ClientSampleId :

COMP-EMSD

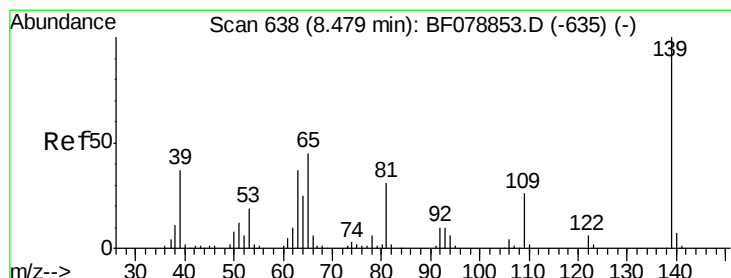
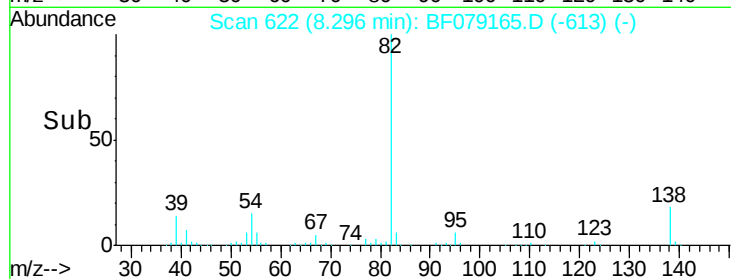
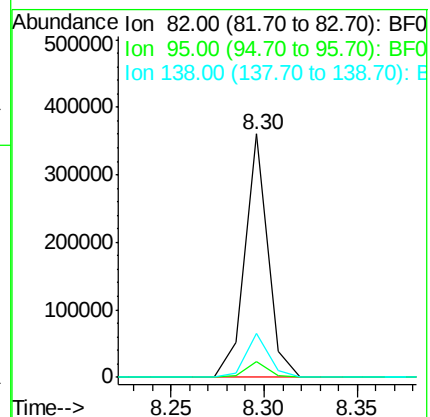
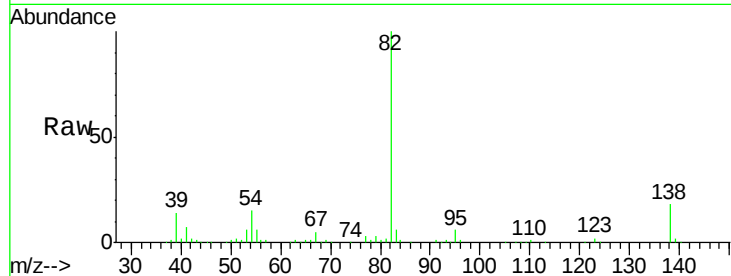
Tgt Ion: 82 Resp: 309144

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 17.8 12.0 18.0



#26

2-Nitrophenol

Concen: 50.52 ng

RT: 8.39 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

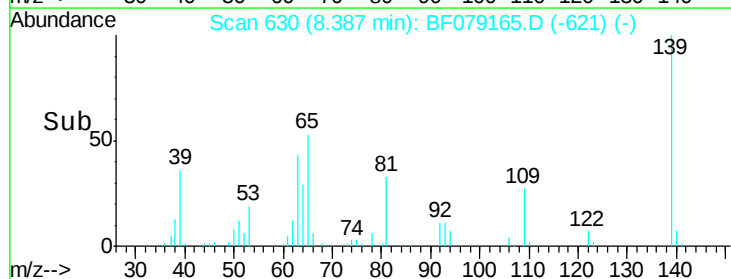
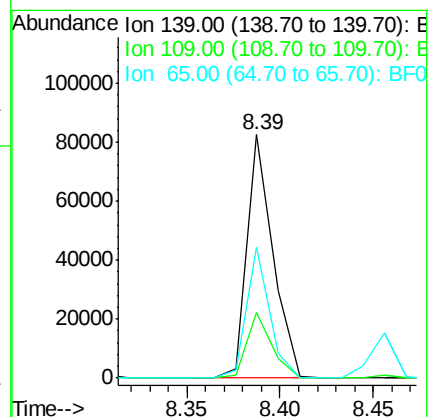
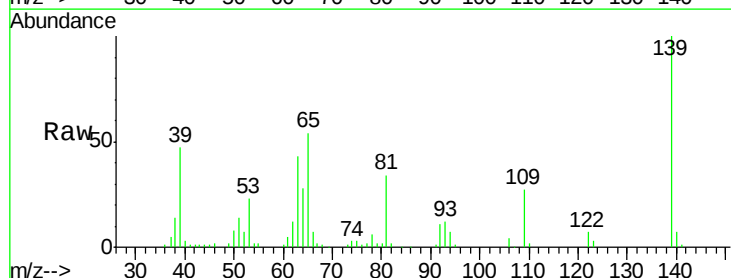
Tgt Ion: 139 Resp: 79569

Ion Ratio Lower Upper

139 100

109 27.0 21.0 31.4

65 54.0 30.5 45.7#





#27

2,4-Dimethylphenol

Concen: 48.70 ng

RT: 8.46 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

Instrument :

BNA_F

ClientSampleId :

COMP-EMSD

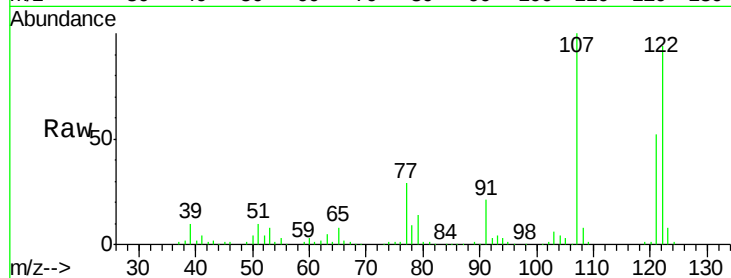
Tgt Ion:122 Resp: 153482

Ion Ratio Lower Upper

122 100

107 106.1 90.6 135.8

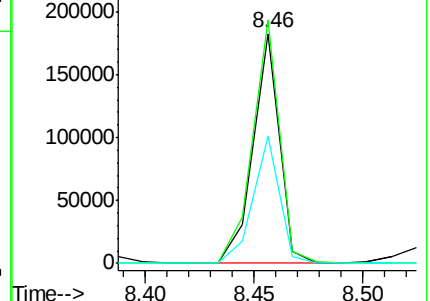
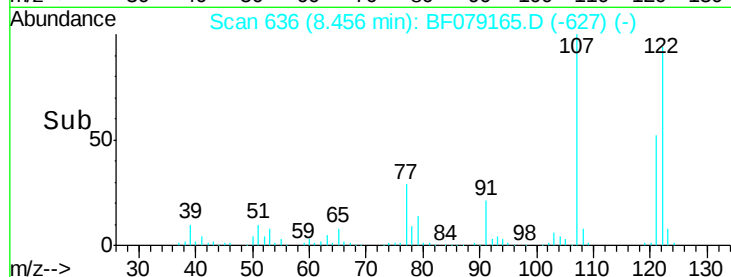
121 55.7 45.4 68.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.98 ng

RT: 8.57 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

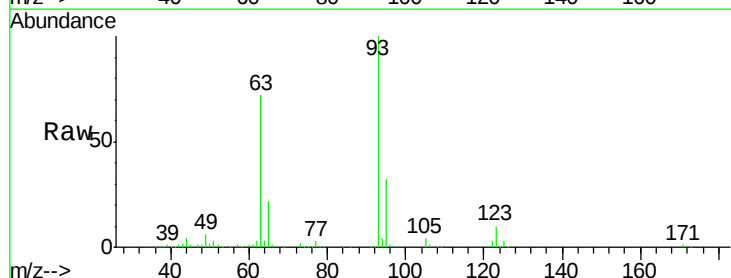
Tgt Ion: 93 Resp: 188559

Ion Ratio Lower Upper

93 100

95 31.8 26.7 40.1

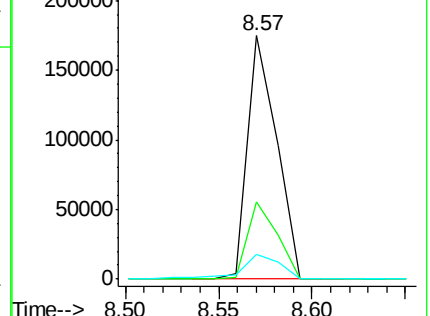
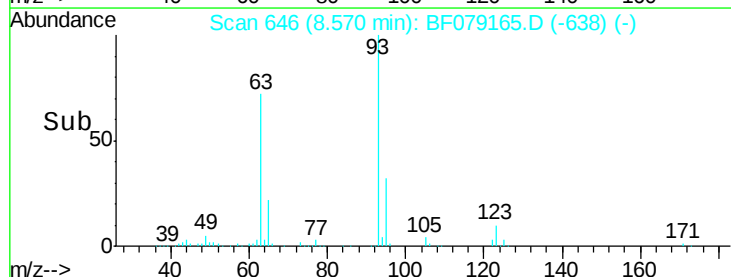
123 10.0 9.1 13.7

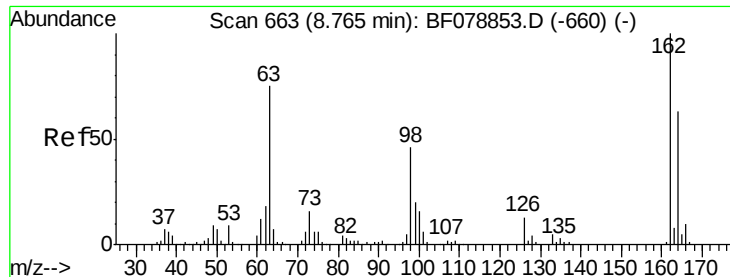


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

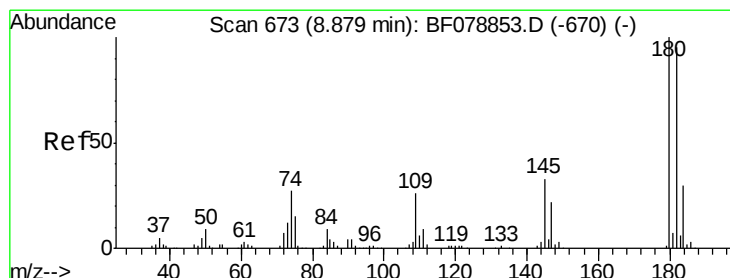
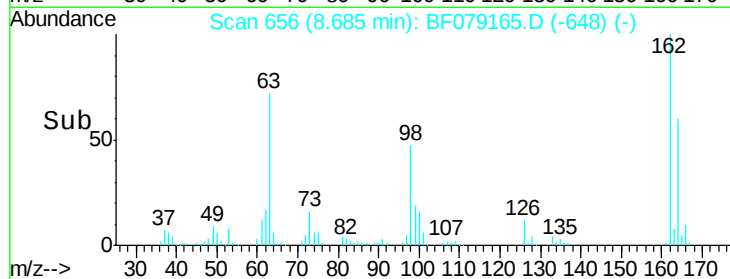
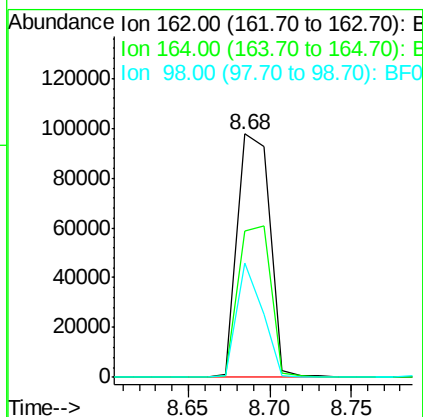
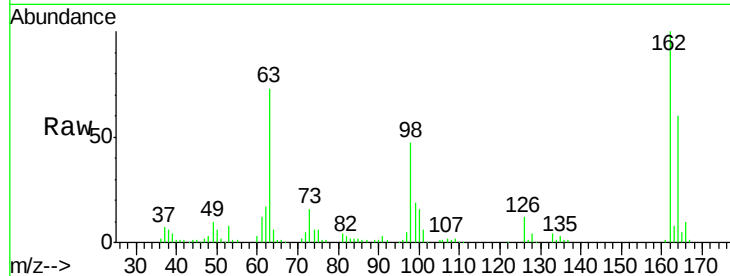




#29
 2,4-Dichlorophenol
 Concen: 47.86 ng
 RT: 8.68 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

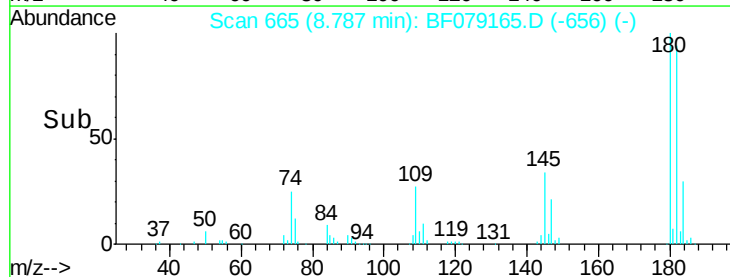
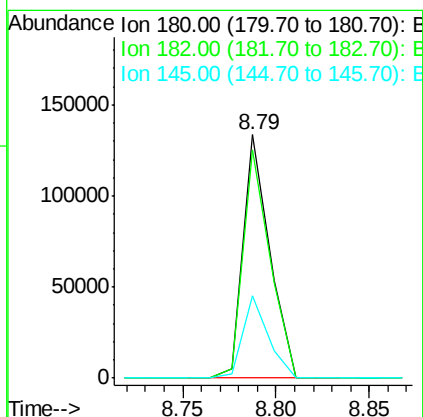
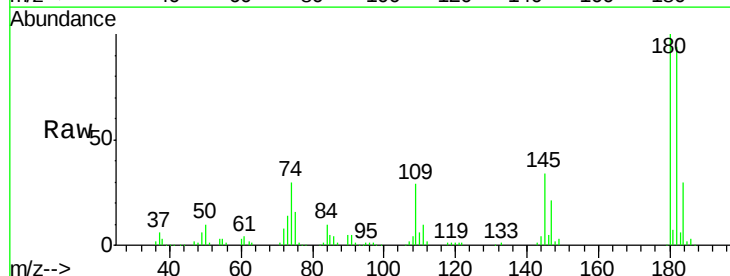
Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMSD

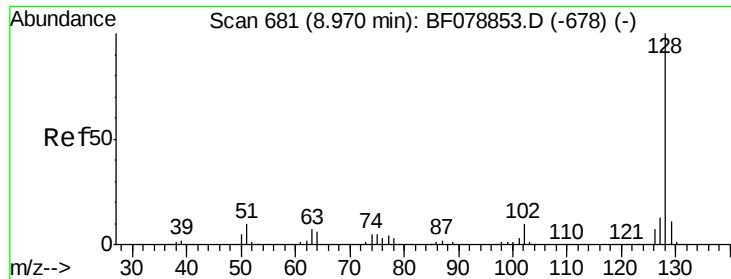
Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.3	43.6	83.6
98	47.1	16.5	56.5



#30
 1,2,4-Trichlorobenzene
 Concen: 42.95 ng
 RT: 8.79 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	78.9	118.3
145	33.6	24.2	36.4

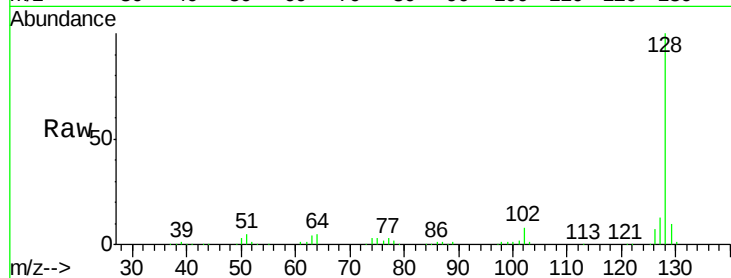




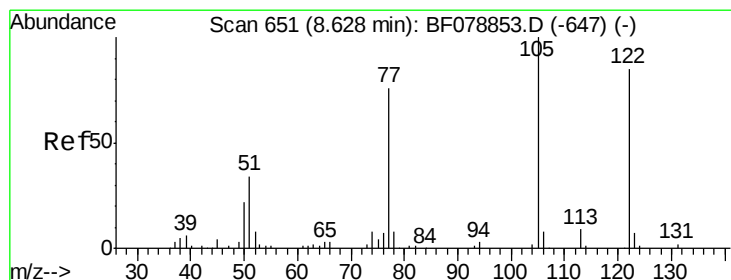
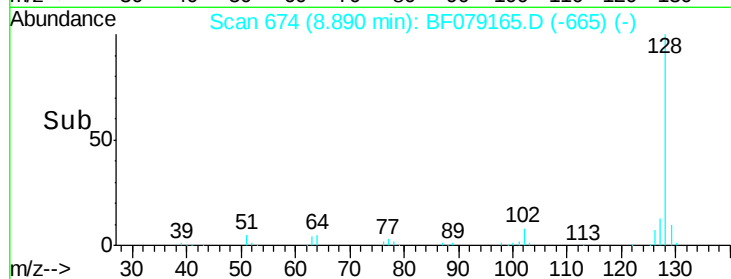
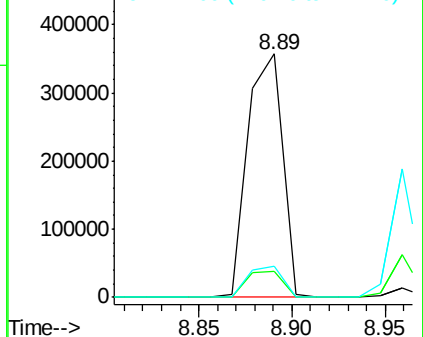
#31
Naphthalene
Concen: 44.02 ng
RT: 8.89 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Instrument :
BNA_F
ClientSampleId :
COMP-EMSD

Tgt Ion:128 Resp: 462797
Ion Ratio Lower Upper
128 100
129 10.4 9.3 13.9
127 12.7 10.7 16.1

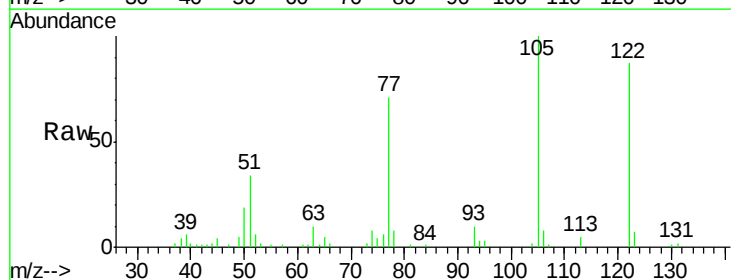


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

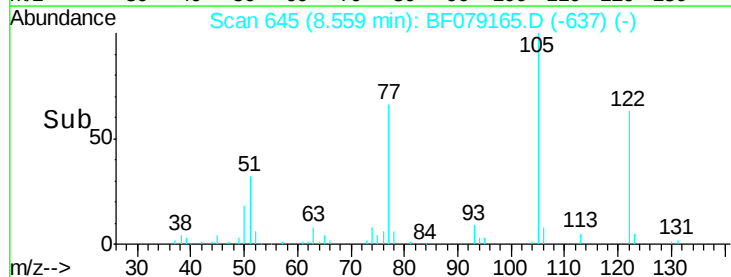
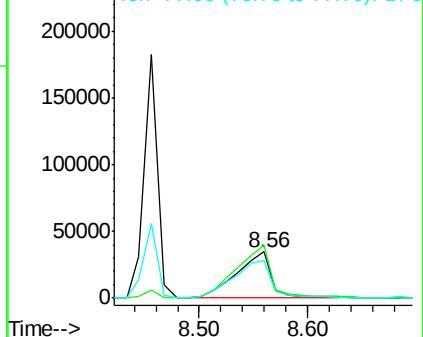


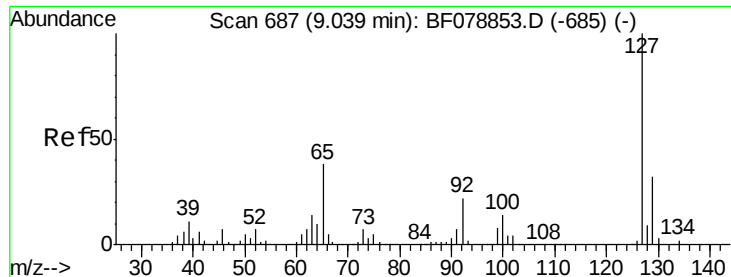
#32
Benzoic acid
Concen: 38.93 ng
RT: 8.56 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Tgt Ion:122 Resp: 74149
Ion Ratio Lower Upper
122 100
105 115.4 107.1 147.1
77 82.2 73.9 113.9



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

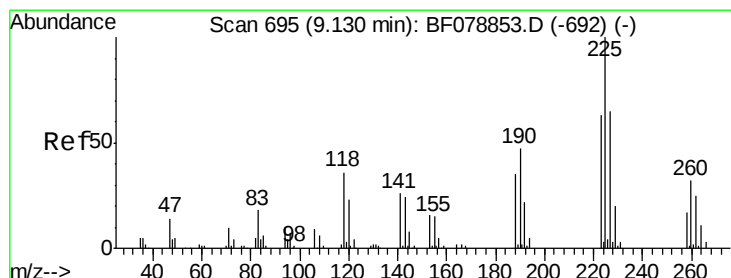
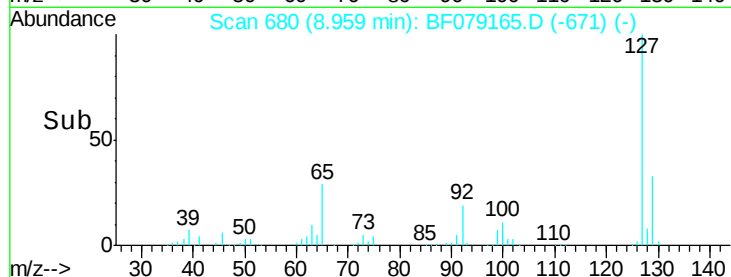
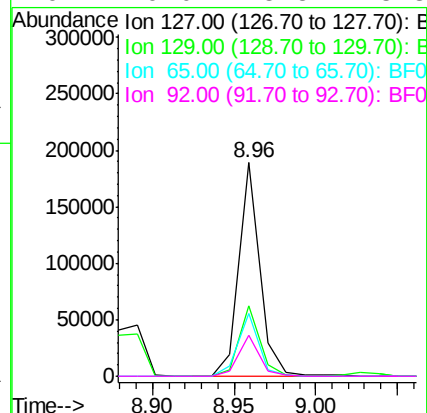
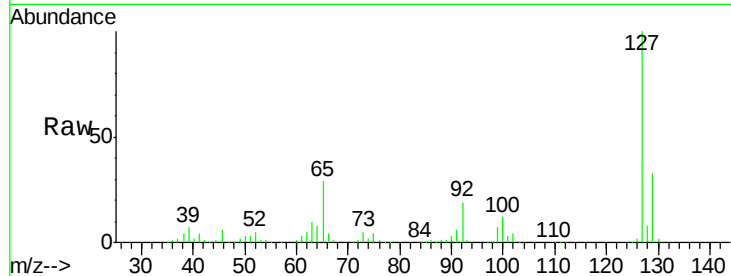




#33
4-Chloroaniline
Concen: 37.61 ng
RT: 8.96 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

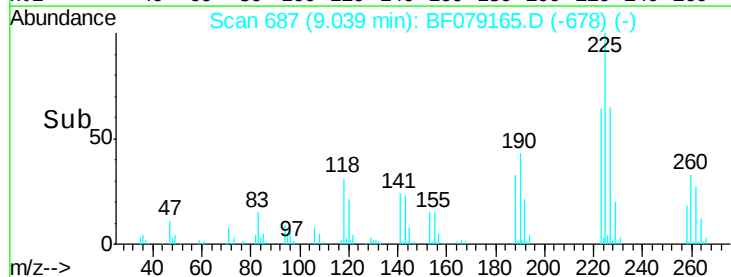
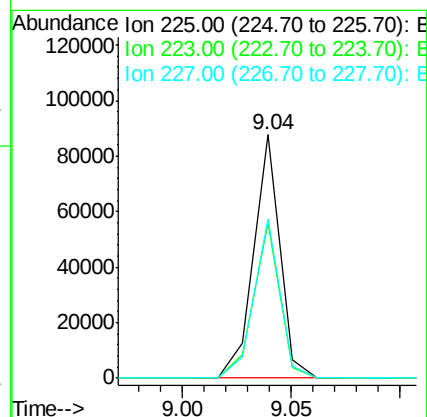
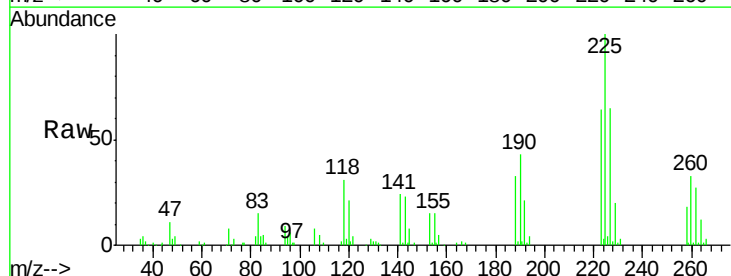
Instrument :
BNA_F
ClientSampleId :
COMP-EMSD

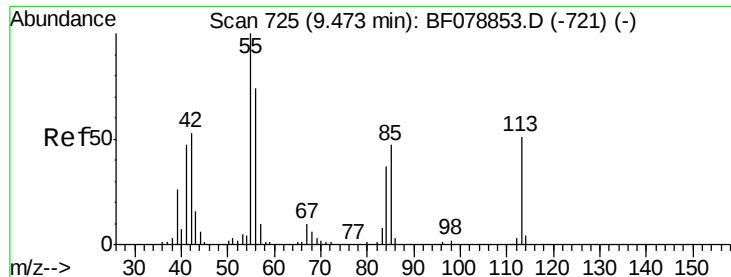
Tgt Ion:	127	Resp:	167284
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	29.5	25.8	38.6
92	19.0	15.5	23.3



#34
Hexachlorobutadiene
Concen: 41.23 ng
RT: 9.04 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Tgt Ion:	225	Resp:	73099
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.2	72.4
227	65.3	51.4	77.0

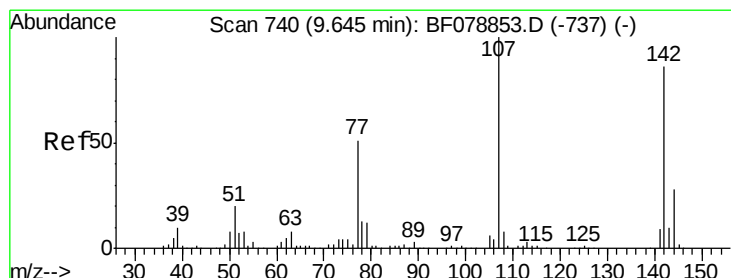
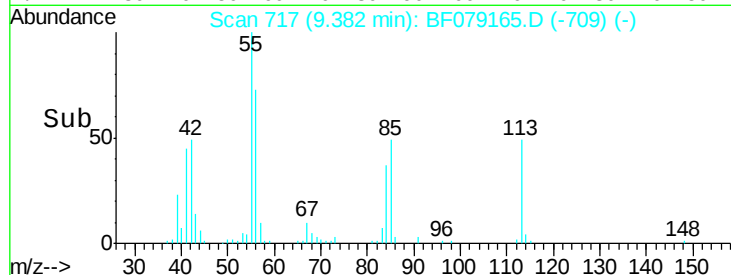
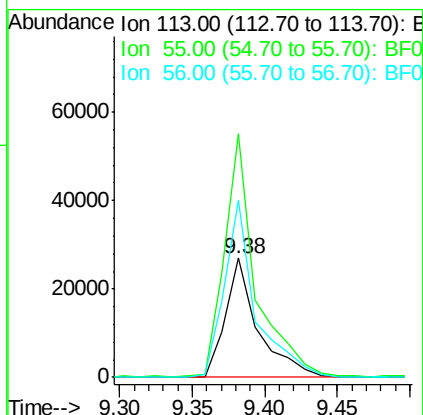
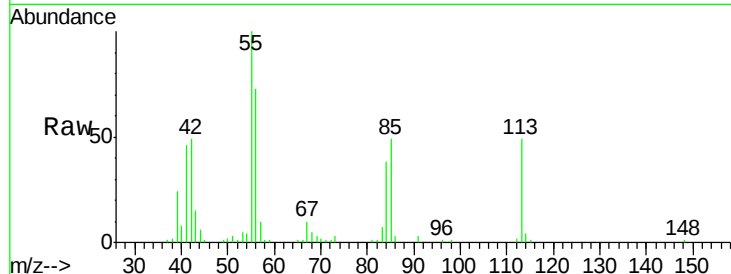




#35
 Caprolactam
 Concen: 46.35 ng
 RT: 9.38 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

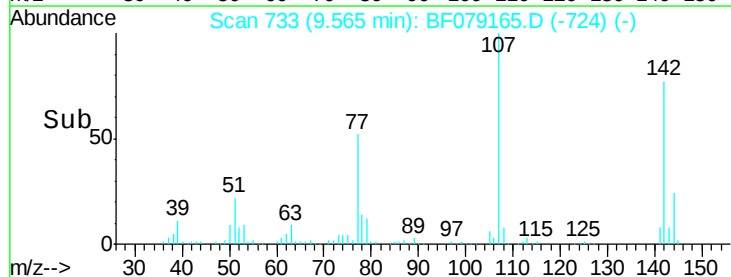
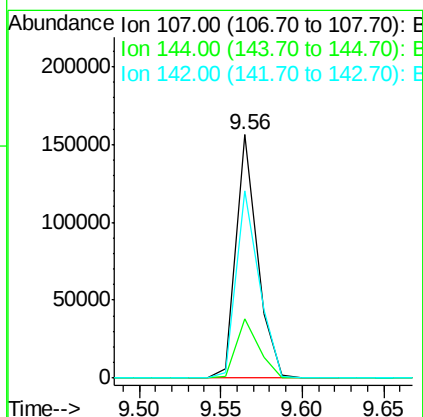
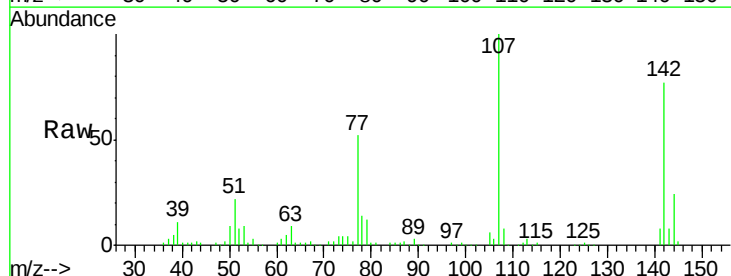
Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMSD

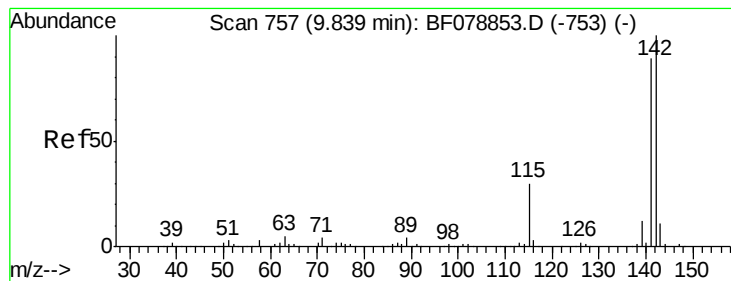
Tgt Ion:113 Resp: 42008
 Ion Ratio Lower Upper
 113 100
 55 204.5 169.7 209.7
 56 148.2 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 48.09 ng
 RT: 9.56 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

Tgt Ion:107 Resp: 141558
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.8 29.6
 142 76.9 60.6 91.0





#37

2-Methylnaphthalene

Concen: 44.37 ng

RT: 9.75 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

Instrument :

BNA_F

ClientSampleId :

COMP-EMSD

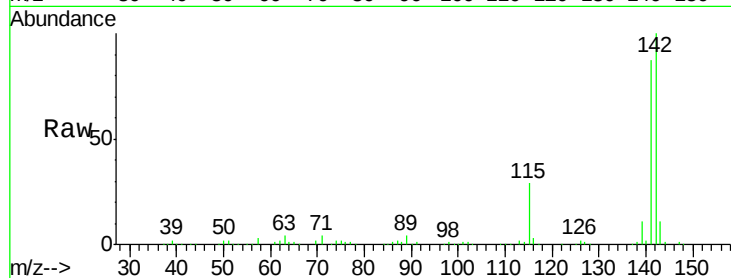
Tgt Ion:142 Resp: 323218

Ion Ratio Lower Upper

142 100

141 86.7 70.9 106.3

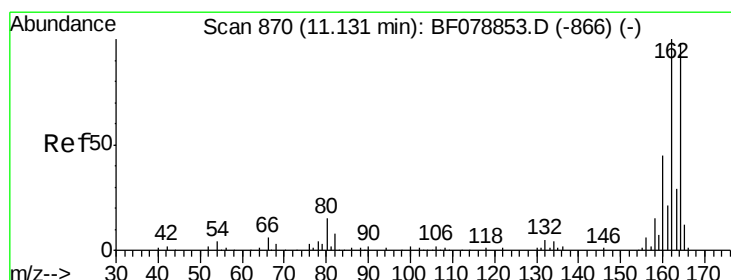
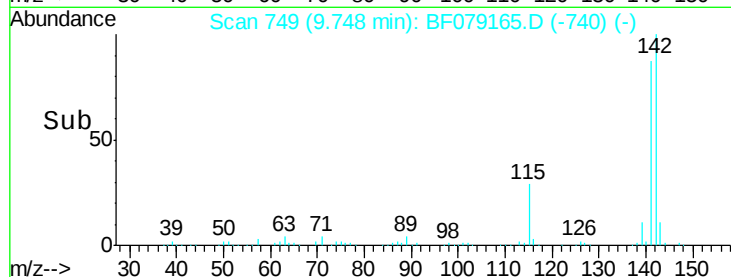
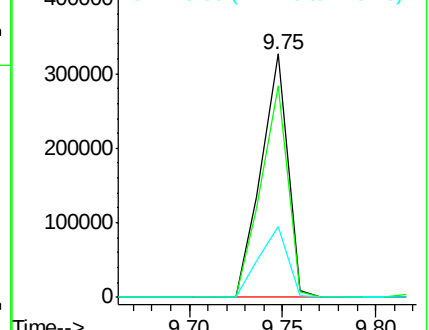
115 29.1 28.5 42.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.04 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

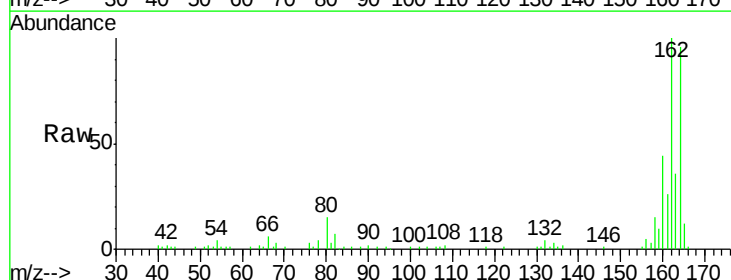
Tgt Ion:164 Resp: 104056

Ion Ratio Lower Upper

164 100

162 103.9 82.7 124.1

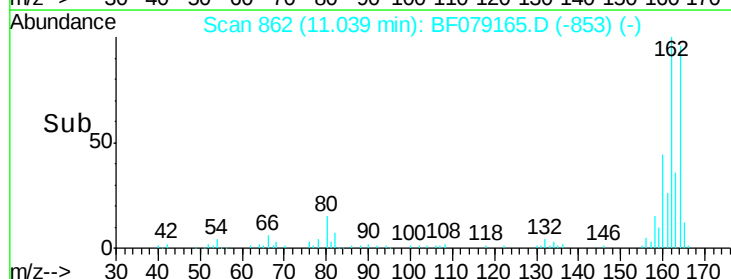
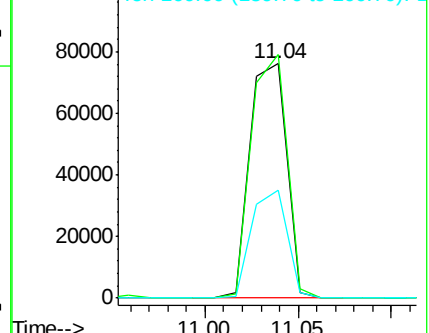
160 46.1 35.8 53.8

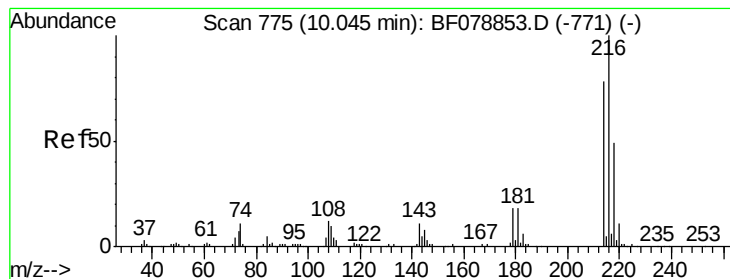


Abundance Ion 164.00 (163.70 to 164.70): E

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: 43.67 ng

RT: 9.95 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

Instrument :

BNA_F

ClientSampleId :

COMP-EMSD

Tgt Ion:216 Resp: 127992

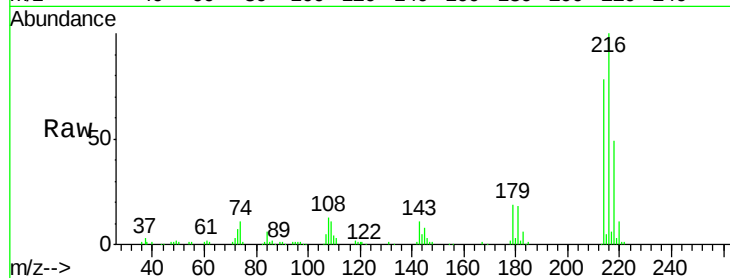
Ion Ratio Lower Upper

216 100

214 80.2 0.0 0.0#

179 21.4 0.0 0.0#

108 19.4 0.0 0.0#

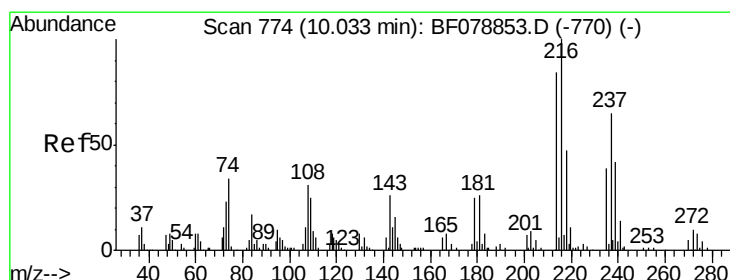
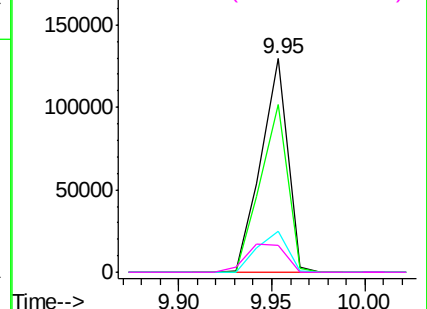
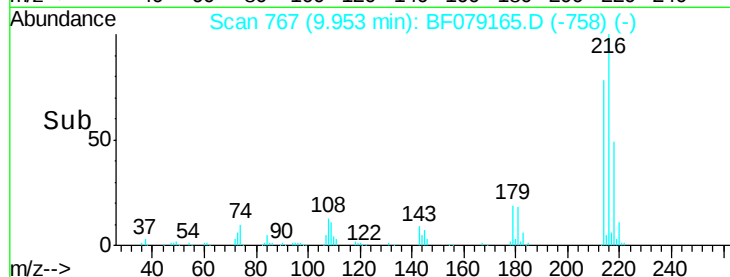


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 36.43 ng

RT: 9.93 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

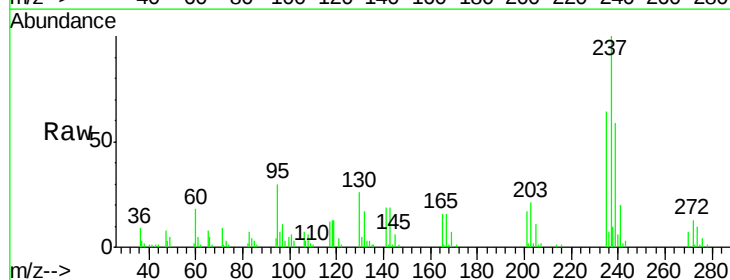
Tgt Ion:237 Resp: 53682

Ion Ratio Lower Upper

237 100

235 63.6 44.7 84.7

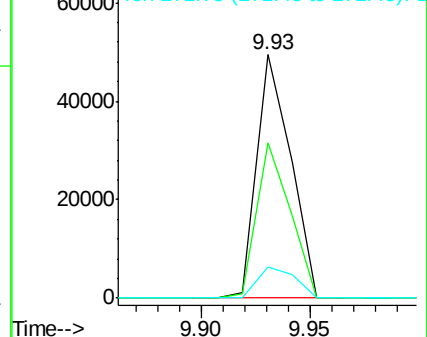
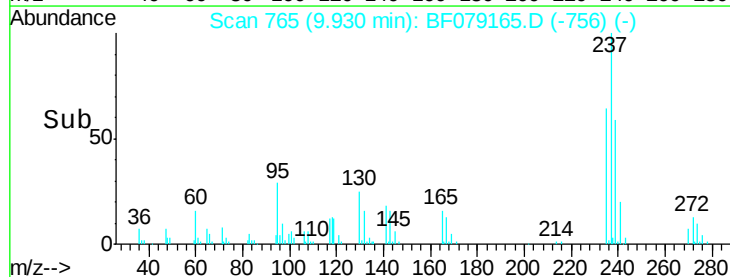
272 12.7 0.0 32.6

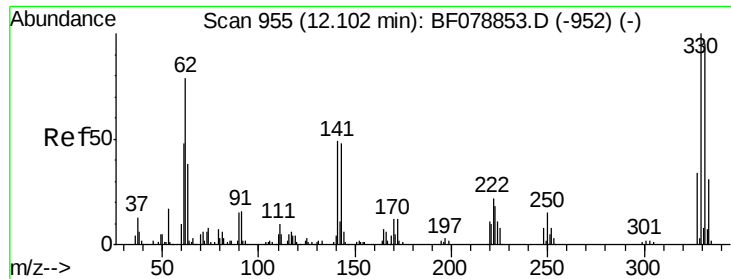


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

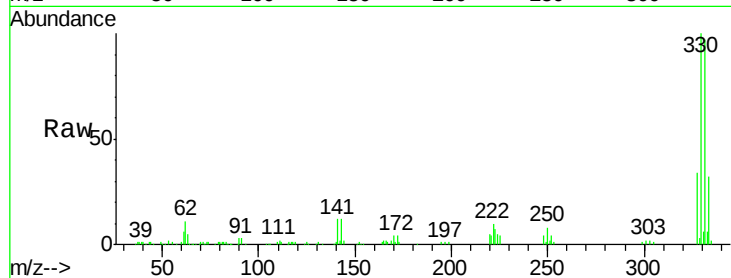




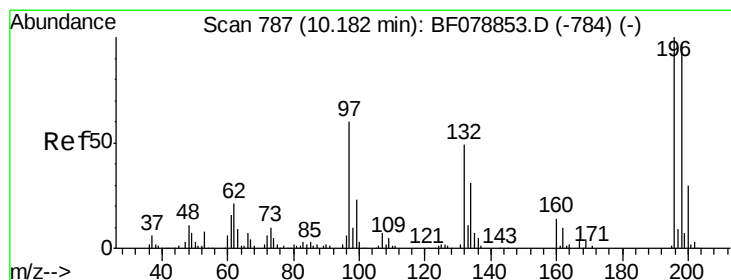
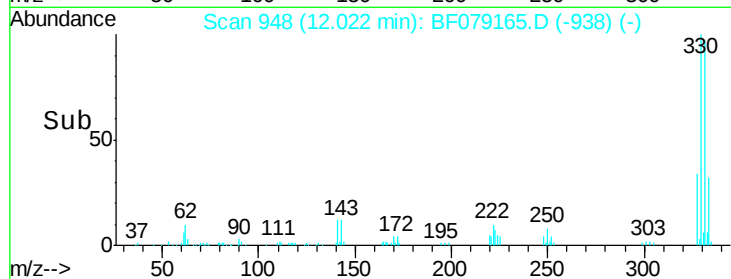
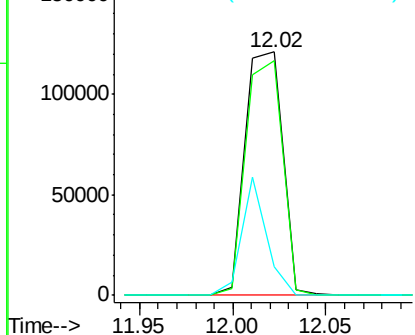
#41
 2,4,6-Tribromophenol
 Concen: 150.12 ng
 RT: 12.02 min Scan# 948
 Delta R.T. 0.01 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMSD

Tgt Ion:330 Resp: 168986
 Ion Ratio Lower Upper
 330 100
 332 94.9 0.0 0.0#
 141 32.5 0.0 0.0#

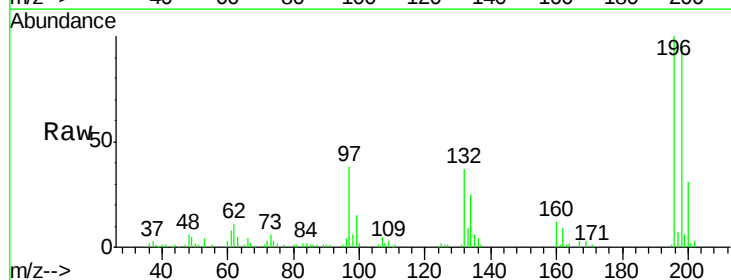


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

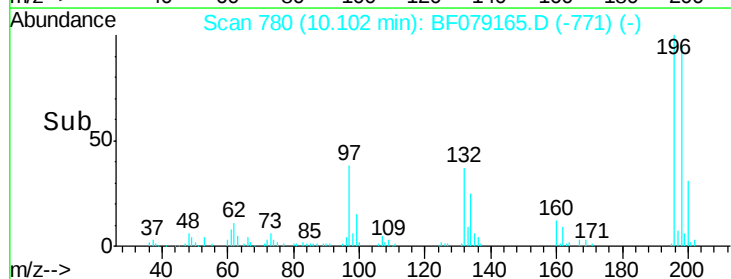
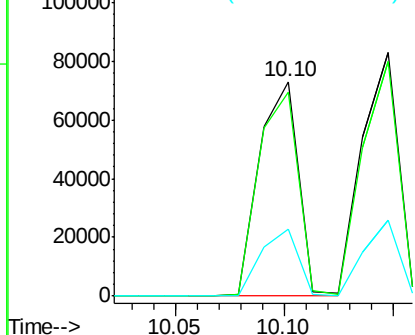


#42
 2,4,6-Trichlorophenol
 Concen: 45.59 ng
 RT: 10.10 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

Tgt Ion:196 Resp: 91851
 Ion Ratio Lower Upper
 196 100
 198 95.3 80.5 120.7
 200 31.3 24.9 37.3



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

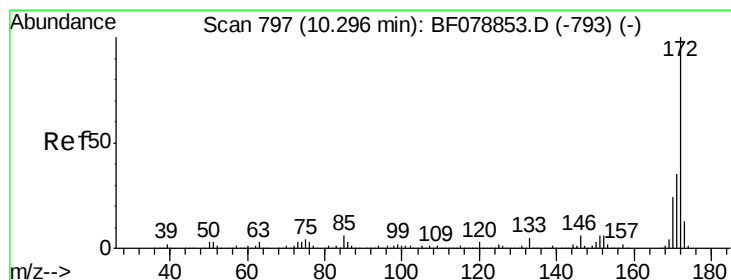
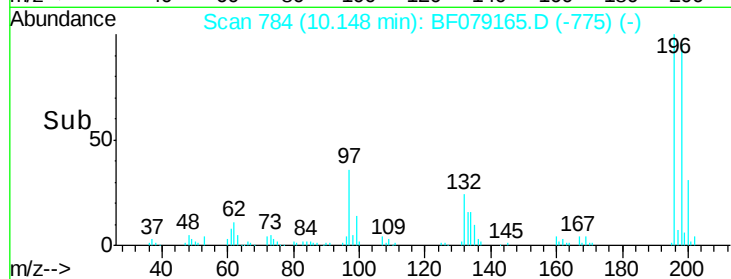
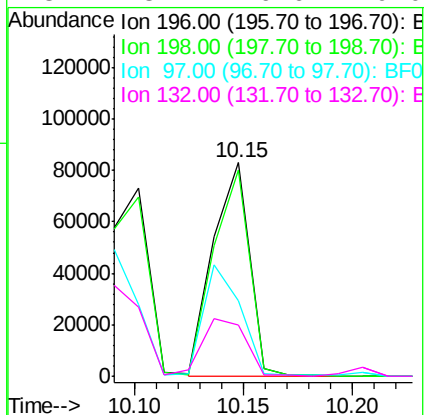
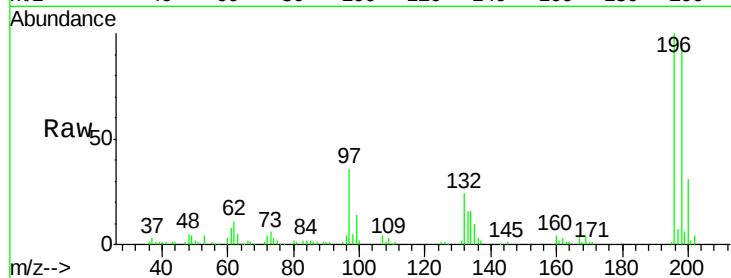




#43
 2,4,5-Trichlorophenol
 Concen: 47.51 ng
 RT: 10.15 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

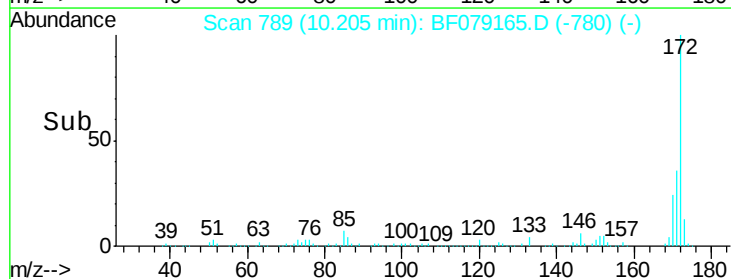
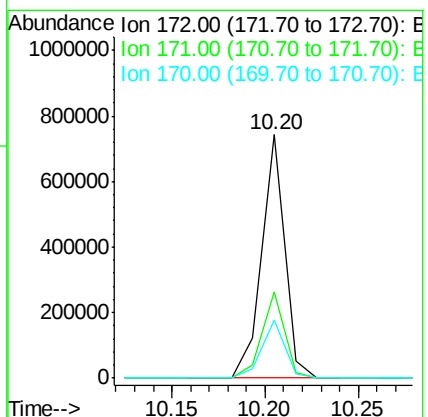
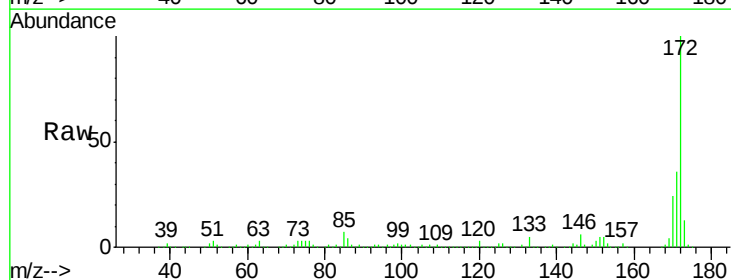
Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMSD

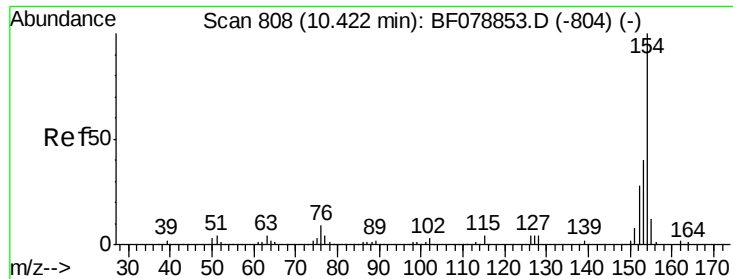
Tgt Ion:	196	Resp:	96775
Ion	Ratio	Lower	Upper
196	100		
198	96.2	79.8	119.6
97	35.6	46.0	69.0#
132	23.7	26.6	40.0#



#44
 2-Fluorobiphenyl
 Concen: 84.31 ng
 RT: 10.20 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

Tgt Ion:	172	Resp:	629689
Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.9	41.9
170	24.0	19.4	29.0

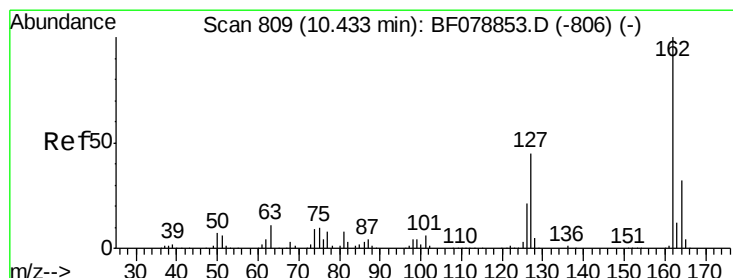
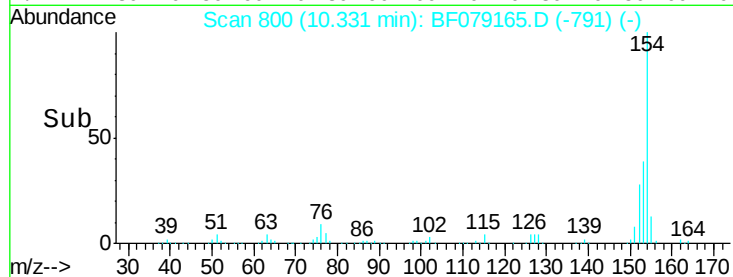
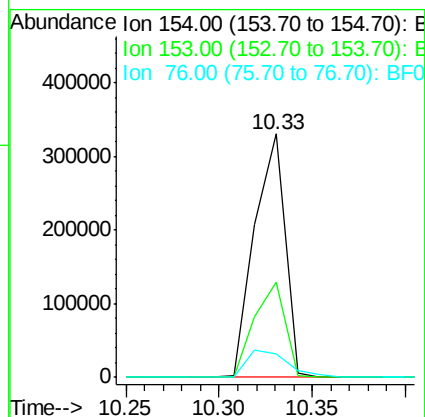
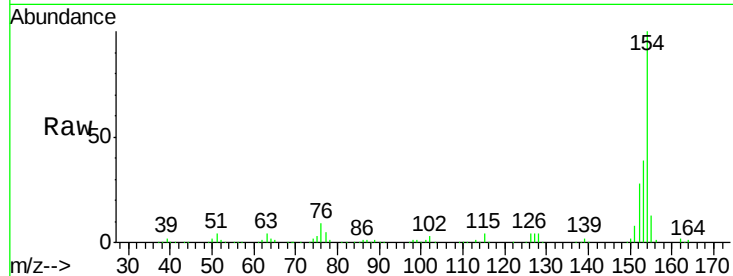




#45
 1,1'-Biphenyl
 Concen: 45.16 ng
 RT: 10.33 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

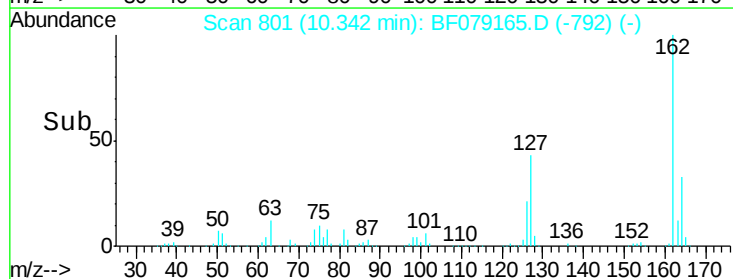
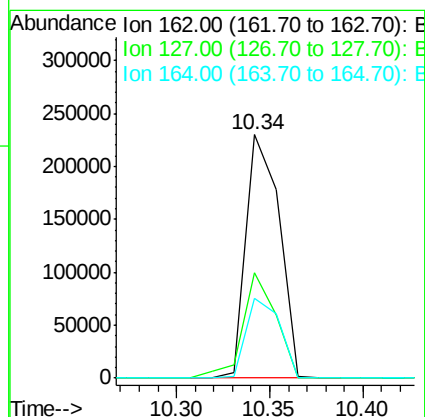
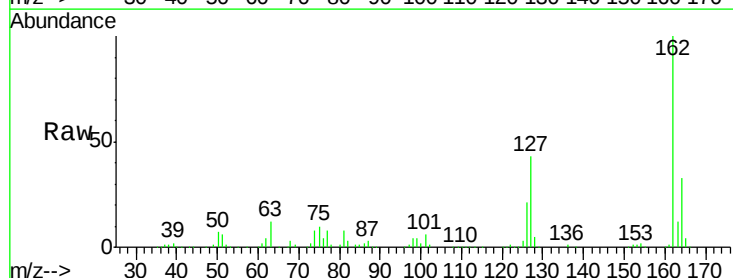
Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMSD

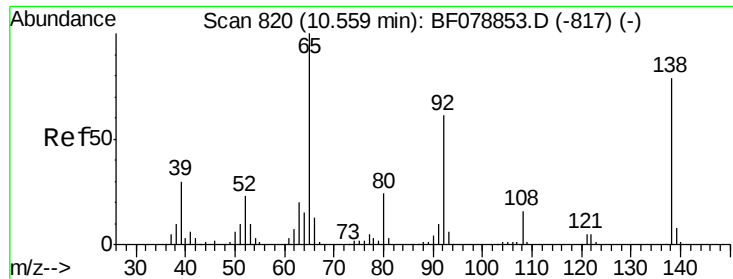
Tgt Ion:154 Resp: 373587
 Ion Ratio Lower Upper
 154 100
 153 39.0 19.9 59.9
 76 9.5 0.0 35.0



#46
 2-Chloronaphthalene
 Concen: 44.26 ng
 RT: 10.34 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

Tgt Ion:162 Resp: 285574
 Ion Ratio Lower Upper
 162 100
 127 43.4 33.9 50.9
 164 32.5 26.3 39.5





#47

2-Nitroaniline

Concen: 50.30 ng

RT: 10.48 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

Instrument :

BNA_F

ClientSampleId :

COMP-EMSD

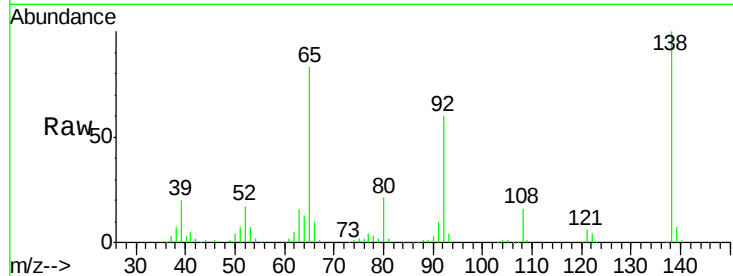
Tgt Ion: 65 Resp: 94040

Ion Ratio Lower Upper

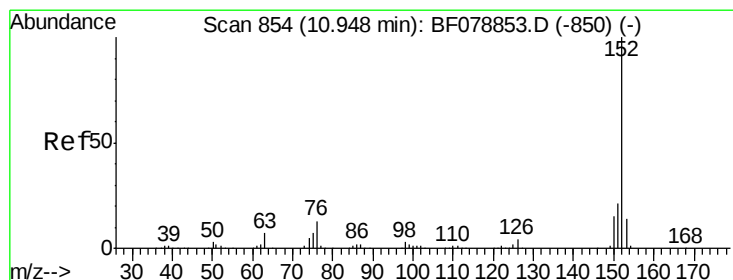
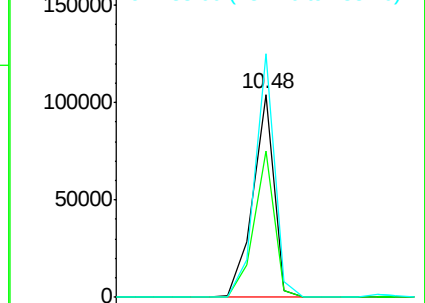
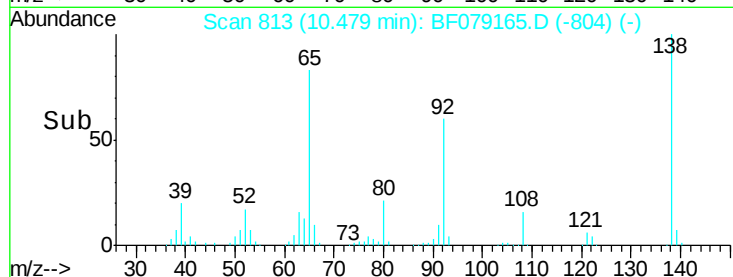
65 100

92 71.9 54.0 81.0

138 120.0 75.0 112.6#



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



#48

Acenaphthylene

Concen: 44.55 ng

RT: 10.86 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

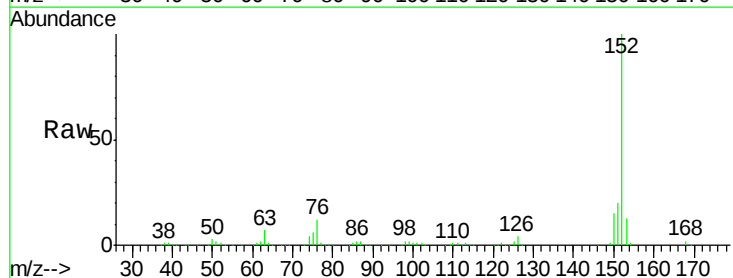
Tgt Ion: 152 Resp: 472022

Ion Ratio Lower Upper

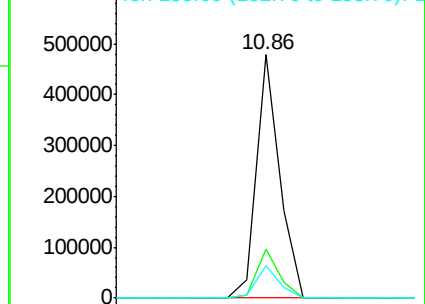
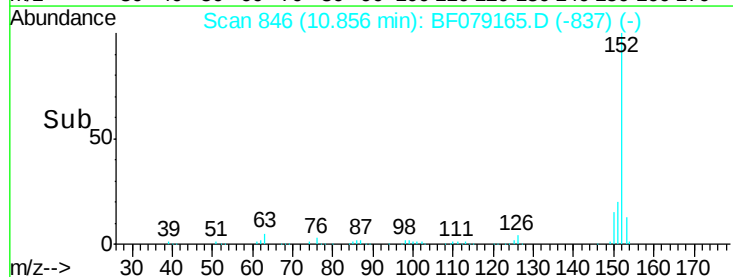
152 100

151 19.9 16.2 24.4

153 13.2 10.9 16.3



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

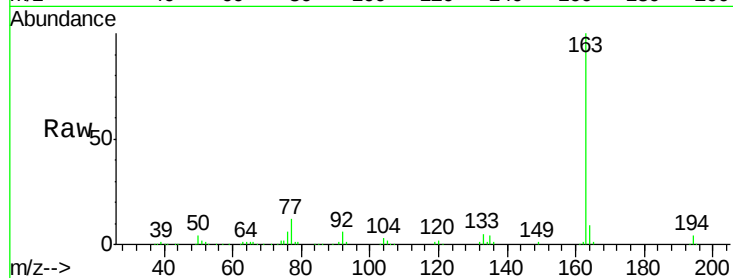




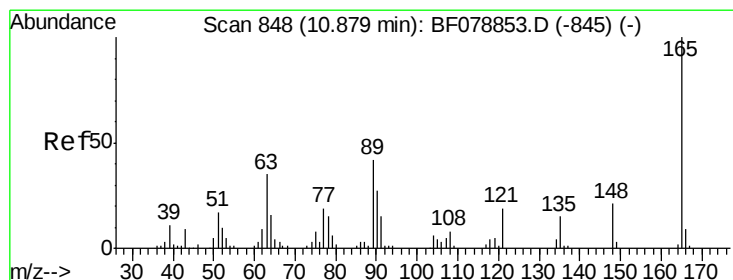
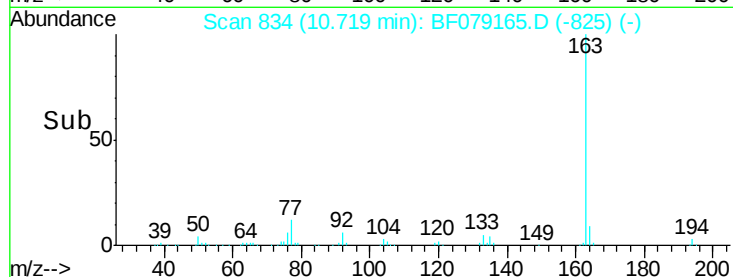
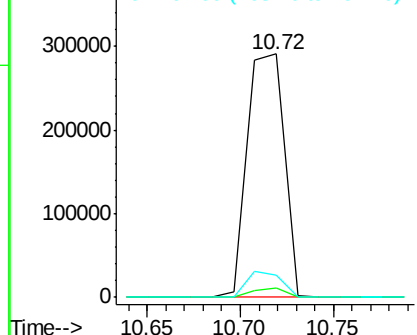
#49
Dimethylphthalate
Concen: 52.40 ng
RT: 10.72 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Instrument :
BNA_F
ClientSampleId :
COMP-EMSD

Tgt Ion:163 Resp: 400181
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.3 8.1 12.1

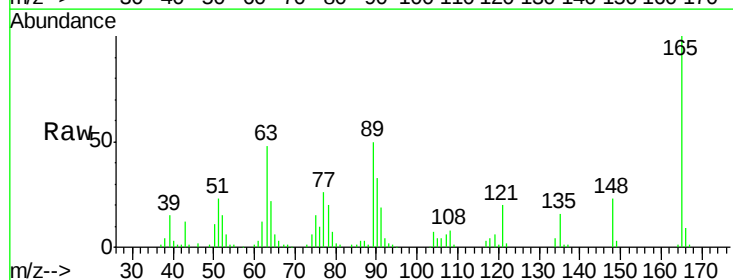


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

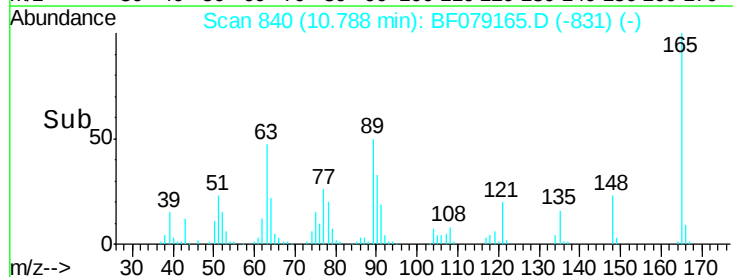
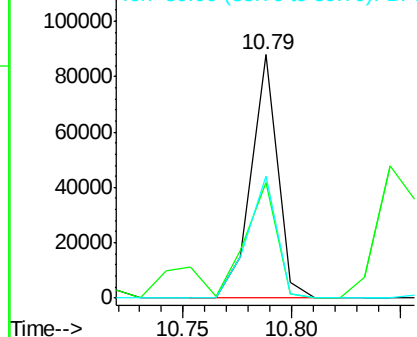


#50
2,6-Dinitrotoluene
Concen: 49.46 ng
RT: 10.79 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Tgt Ion:165 Resp: 74550
Ion Ratio Lower Upper
165 100
63 47.5 54.4 81.6#
89 49.9 55.7 83.5#



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

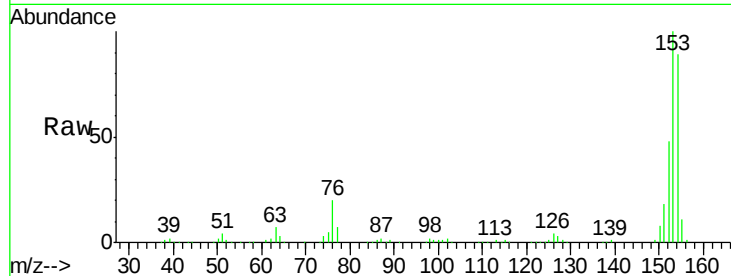




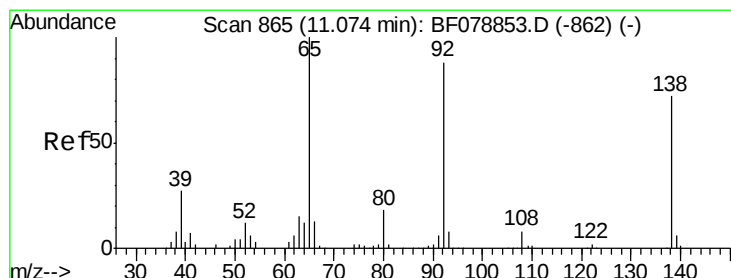
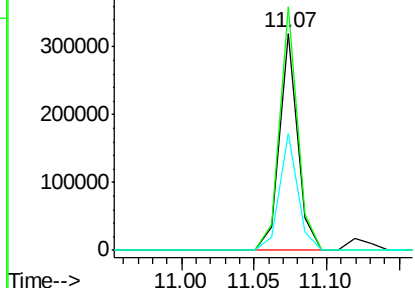
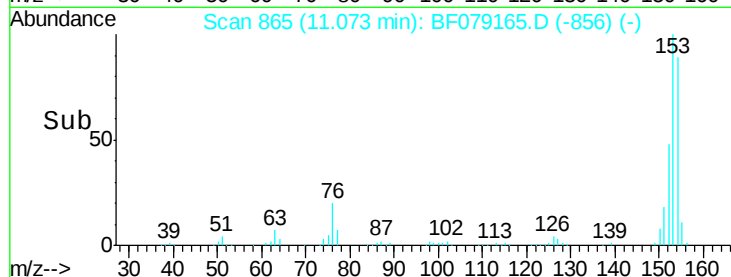
#51
Acenaphthene
Concen: 43.76 ng
RT: 11.07 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Instrument :
BNA_F
ClientSampleId :
COMP-EMSD

Tgt Ion:154 Resp: 276488
Ion Ratio Lower Upper
154 100
153 112.1 91.5 137.3
152 54.0 44.2 66.4

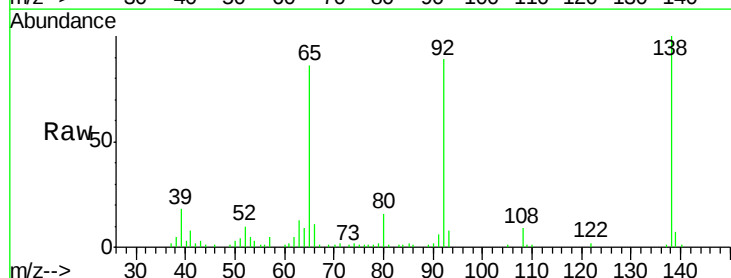


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

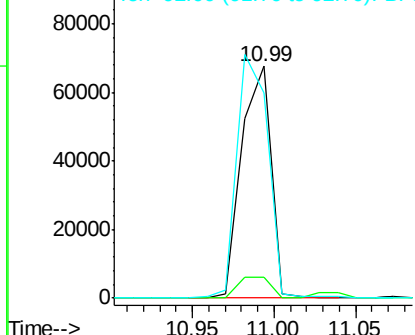
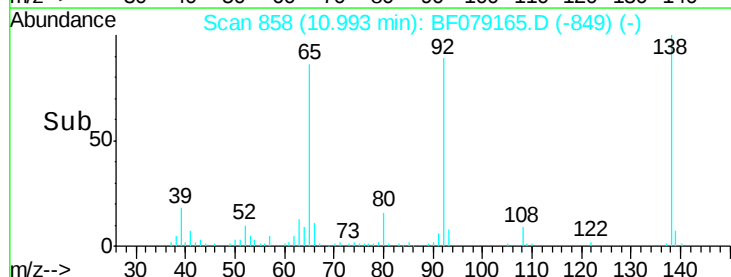


#52
3-Nitroaniline
Concen: 44.69 ng
RT: 10.99 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Tgt Ion:138 Resp: 84140
Ion Ratio Lower Upper
138 100
108 9.0 10.6 16.0#
92 88.6 81.8 122.6



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

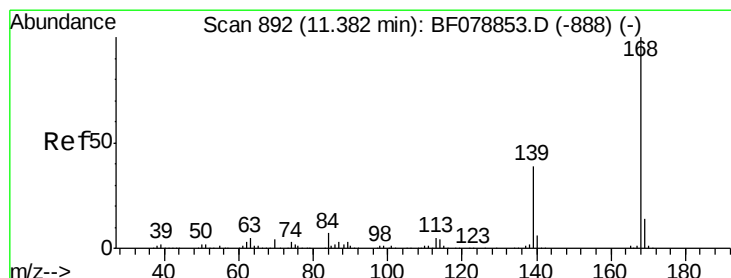
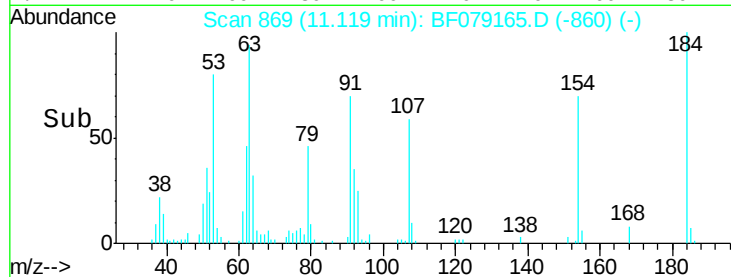
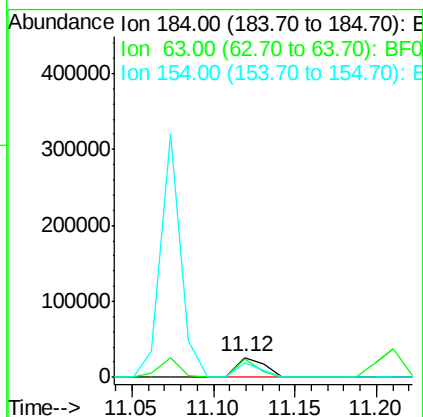
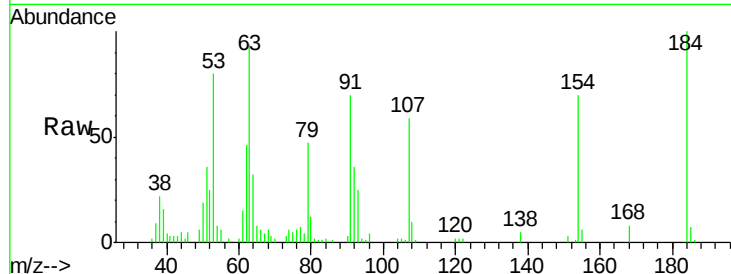




#53
2,4-Dinitrophenol
Concen: 60.16 ng
RT: 11.12 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

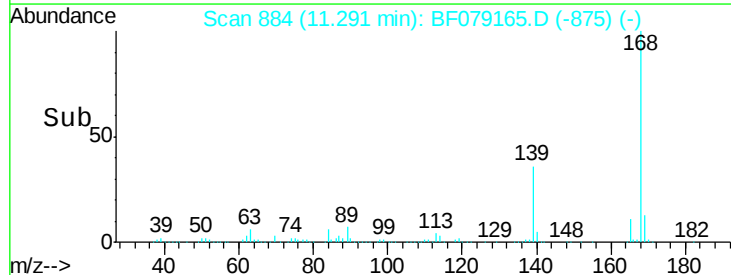
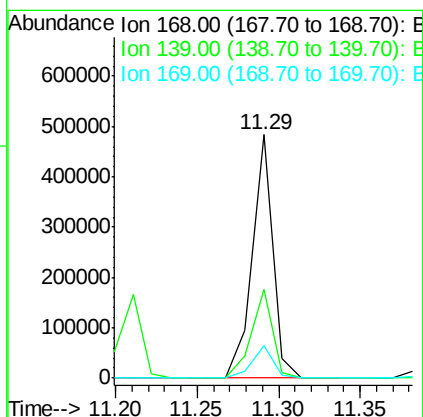
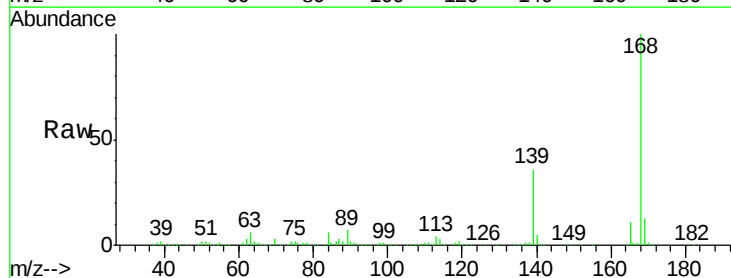
Instrument :
BNA_F
ClientSampleId :
COMP-EMSD

Tgt Ion:184 Resp: 31826
Ion Ratio Lower Upper
184 100
63 93.8 63.3 94.9
154 69.8 53.8 80.6



#54
Dibenzofuran
Concen: 46.47 ng
RT: 11.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Tgt Ion:168 Resp: 424081
Ion Ratio Lower Upper
168 100
139 36.4 31.0 46.4
169 13.4 10.6 16.0

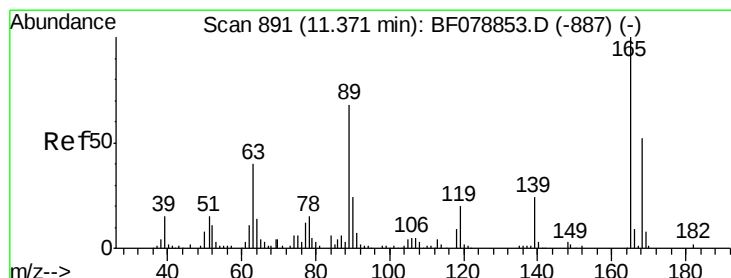
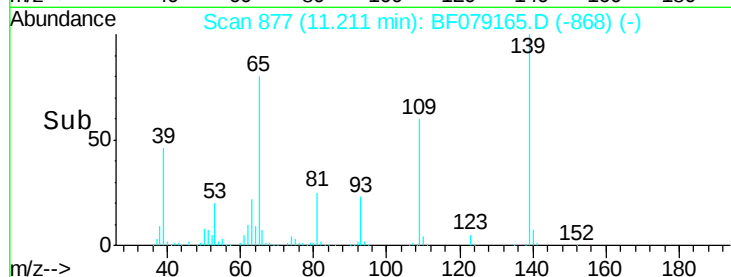
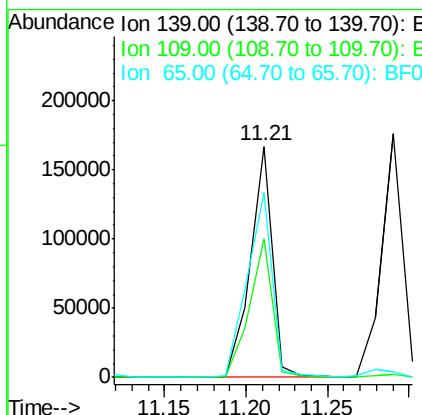
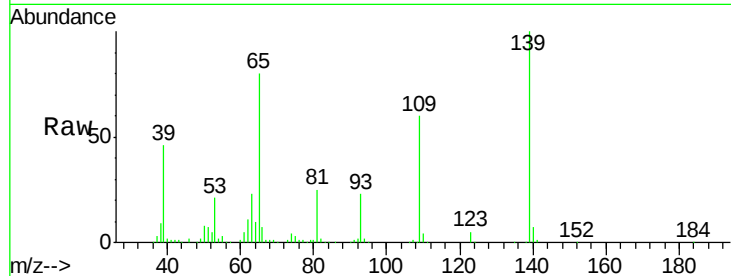




#55
4-Nitrophenol
Concen: 105.09 ng
RT: 11.21 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

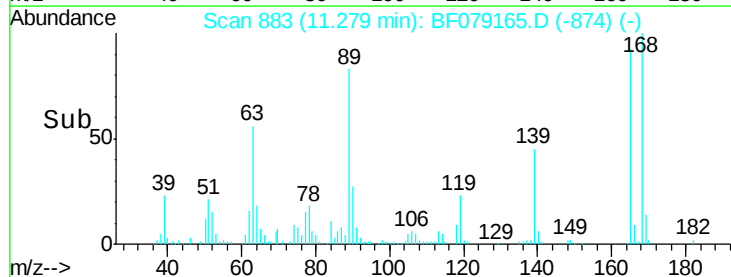
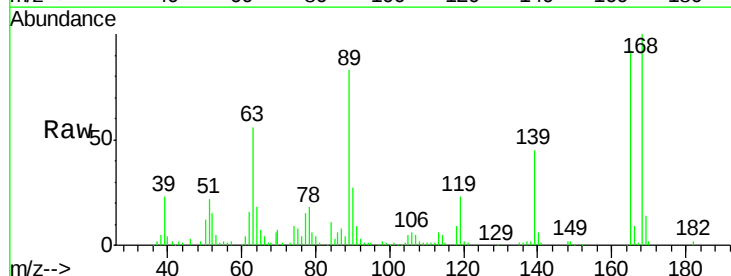
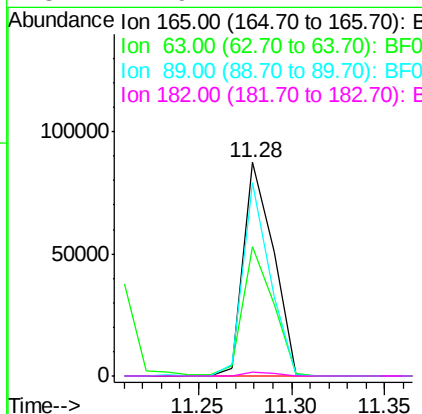
Instrument :
BNA_F
ClientSampleId :
COMP-EMSD

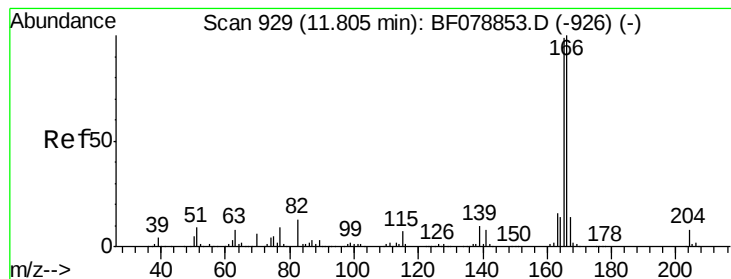
Tgt Ion:139 Resp: 156590
Ion Ratio Lower Upper
139 100
109 60.2 47.6 87.6
65 79.9 54.3 94.3



#56
2,4-Dinitrotoluene
Concen: 48.97 ng
RT: 11.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Tgt Ion:165 Resp: 97566
Ion Ratio Lower Upper
165 100
63 60.6 51.2 76.8
89 90.5 82.7 124.1
182 1.9 1.4 2.2





#57

Fluorene

Concen: 45.39 ng

RT: 11.71 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

Instrument :

BNA_F

ClientSampleId :

COMP-EMSD

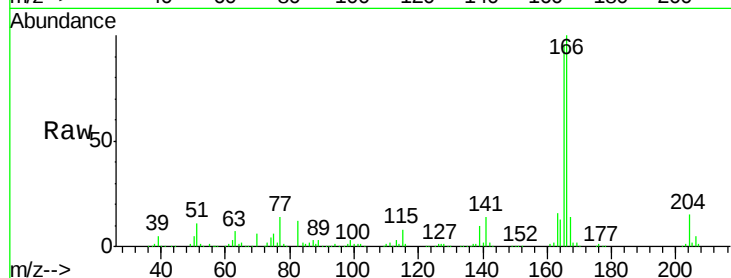
Tgt Ion:166 Resp: 339993

Ion Ratio Lower Upper

166 100

165 96.3 78.5 117.7

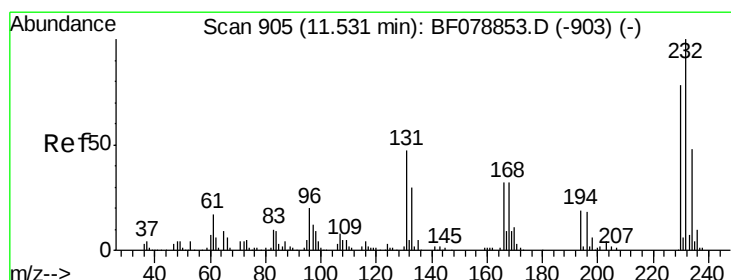
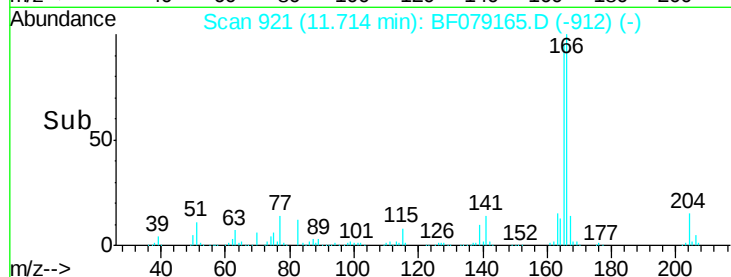
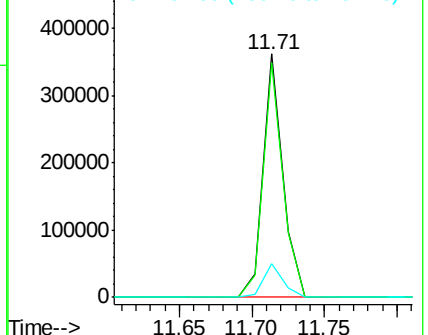
167 13.9 11.0 16.6



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: 47.97 ng

RT: 11.44 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

Tgt Ion:232 Resp: 79855

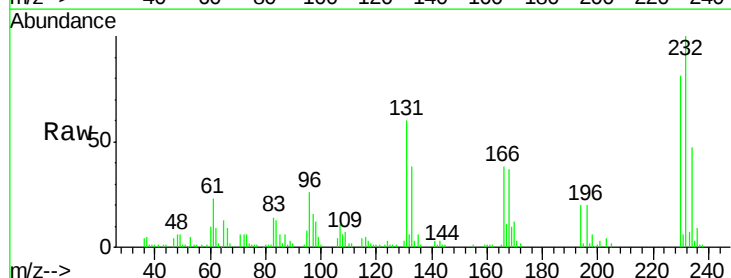
Ion Ratio Lower Upper

232 100

131 50.9 0.0 0.0#

130 2.1 0.0 0.0#

166 33.7 0.0 0.0#

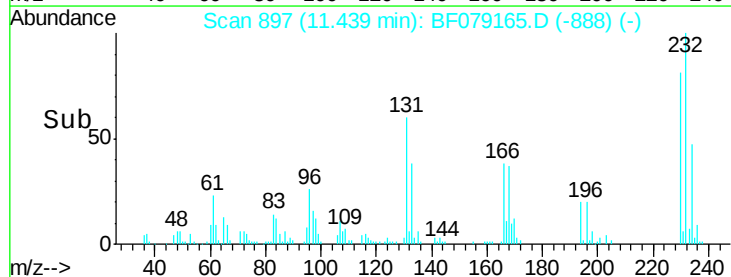
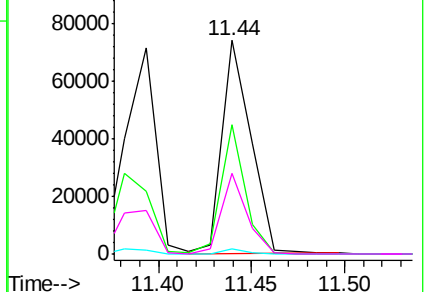


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.64 ng

RT: 11.59 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

Instrument :

BNA_F

ClientSampleId :

COMP-EMSD

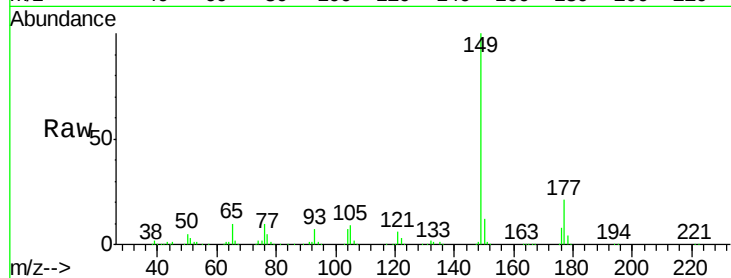
Tgt Ion:149 Resp: 337721

Ion Ratio Lower Upper

149 100

177 20.7 17.5 26.3

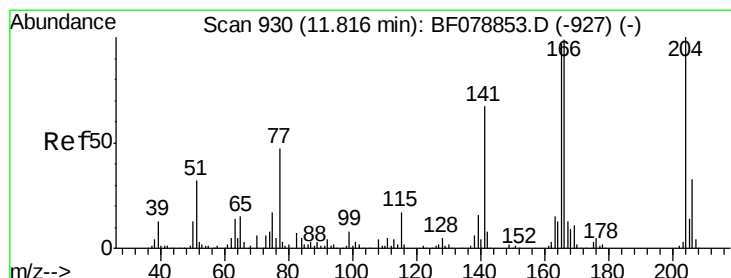
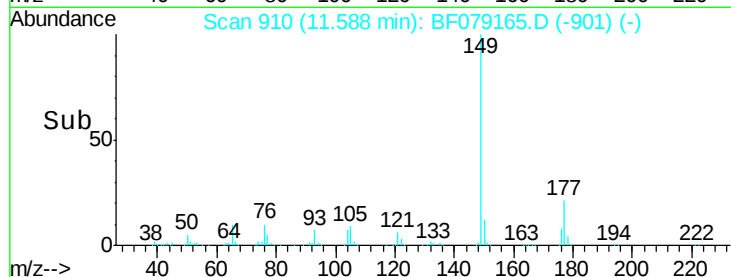
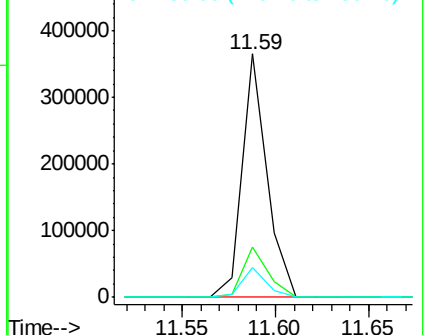
150 12.3 9.6 14.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.93 ng

RT: 11.72 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

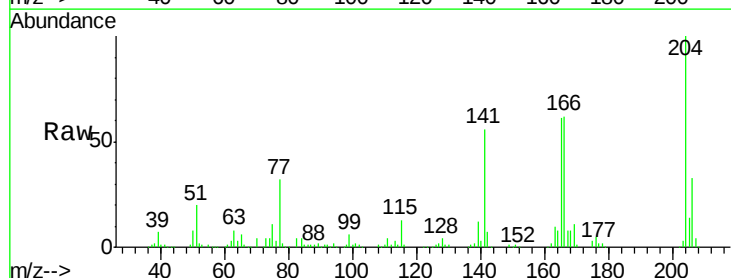
Tgt Ion:204 Resp: 149306

Ion Ratio Lower Upper

204 100

206 33.0 26.9 40.3

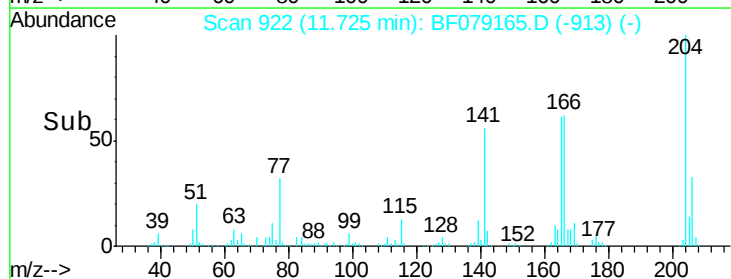
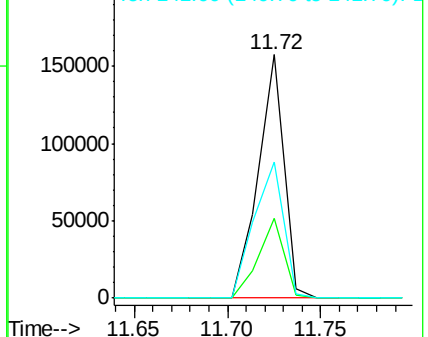
141 55.8 48.3 72.5



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

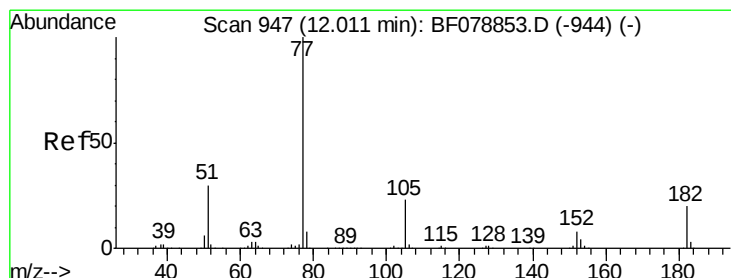
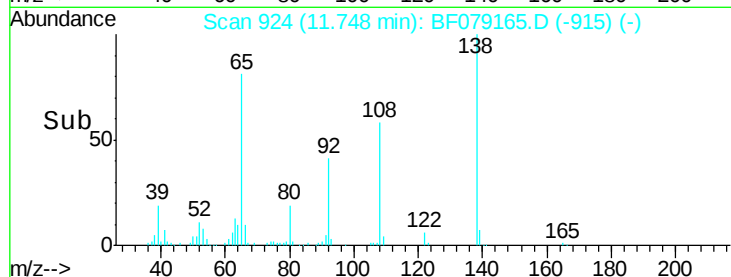
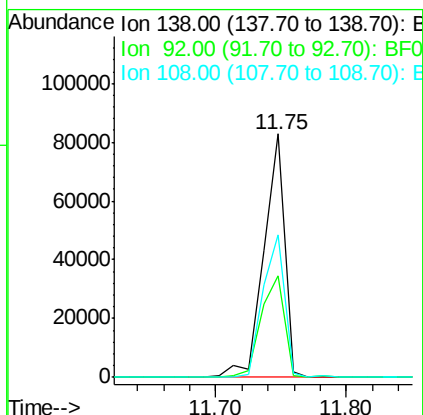
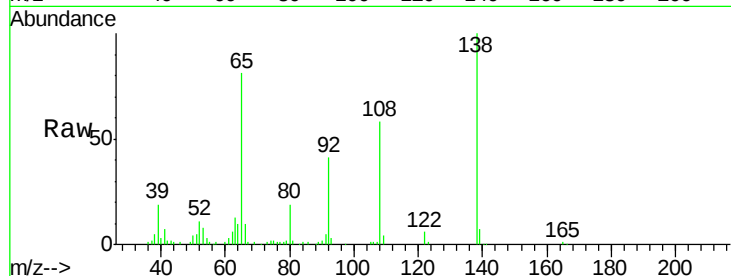




#61
4-Nitroaniline
Concen: 49.47 ng
RT: 11.75 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

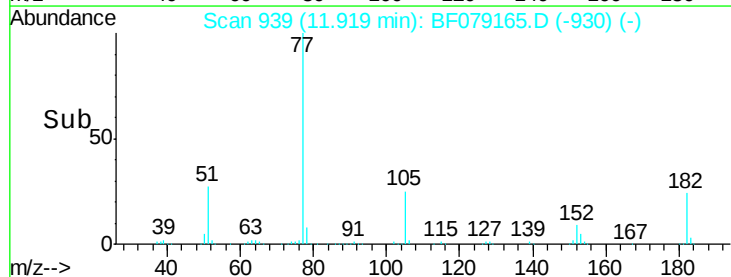
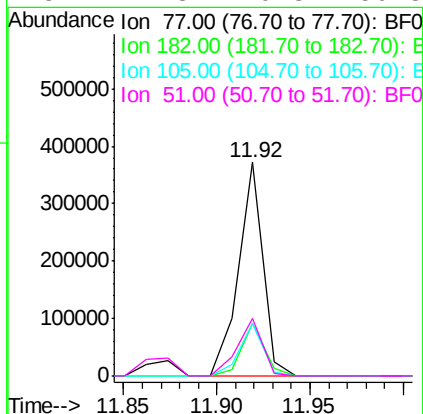
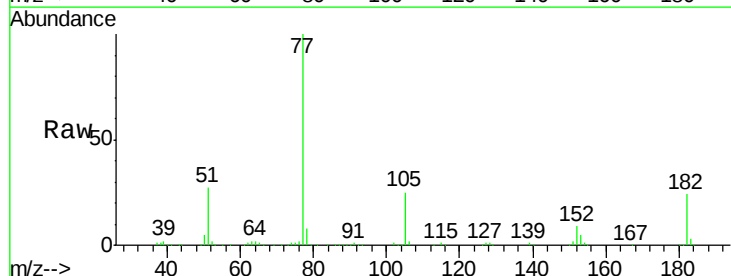
Instrument :
BNA_F
ClientSampleId :
COMP-EMSD

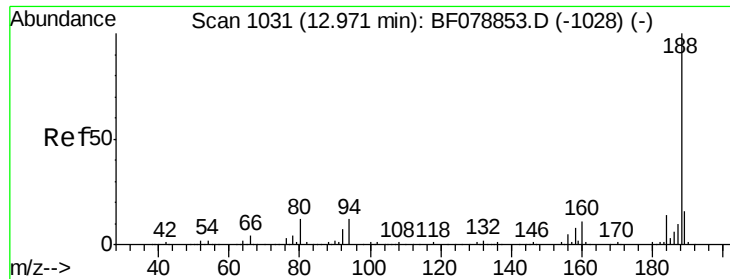
Tgt Ion:138 Resp: 93167
Ion Ratio Lower Upper
138 100
92 41.5 28.0 68.0
108 58.4 56.3 96.3



#62
Azobenzene
Concen: 45.95 ng
RT: 11.92 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Tgt Ion: 77 Resp: 342554
Ion Ratio Lower Upper
77 100
182 24.4 3.8 43.8
105 24.6 3.9 43.9
51 27.3 10.8 50.8

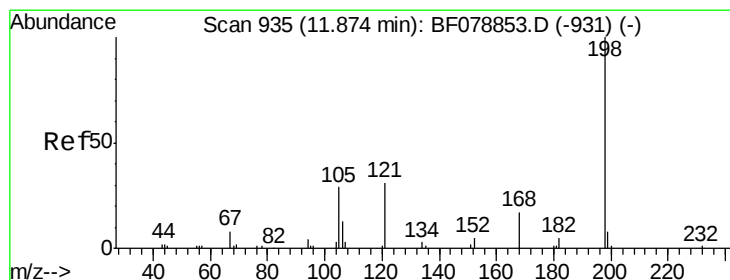
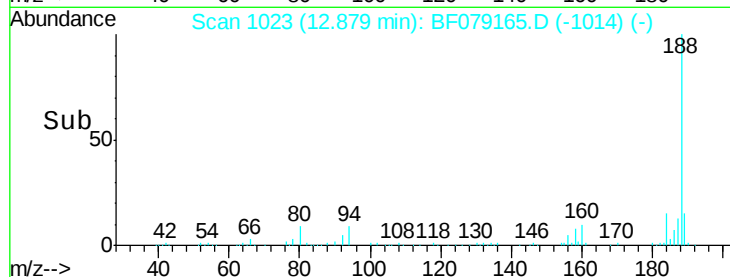
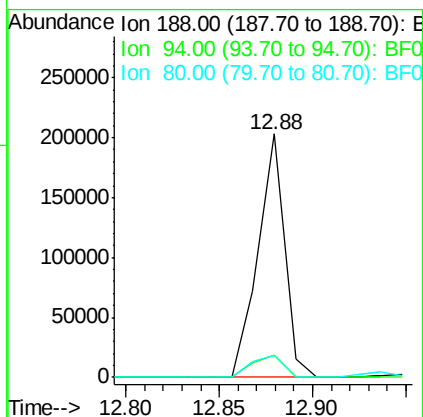
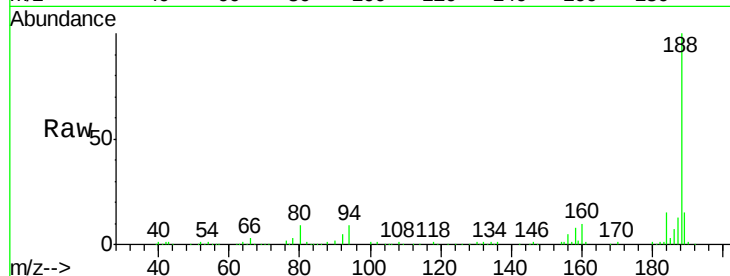




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

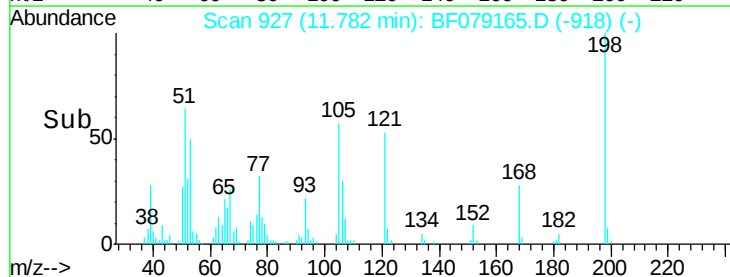
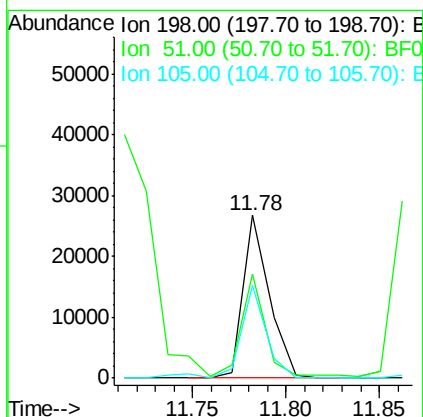
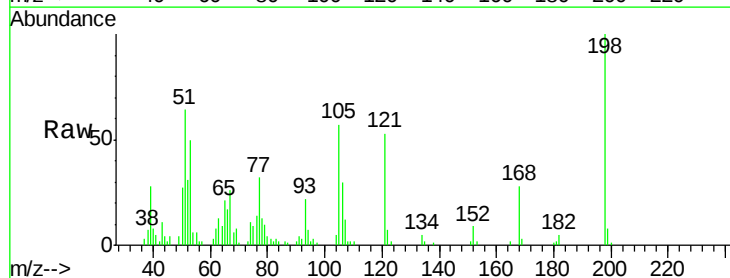
Instrument :
BNA_F
ClientSampleId :
COMP-EMSD

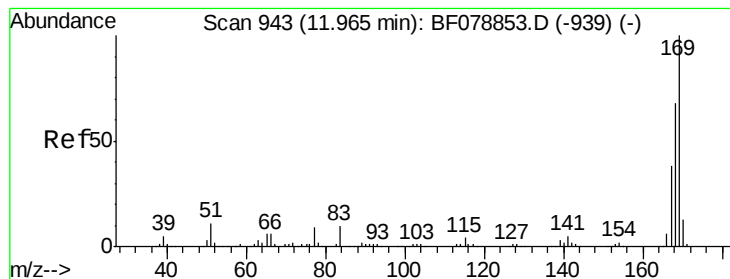
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.2
80	9.3	8.9	13.3



#64
4,6-Dinitro-2-methylphenol
Concen: 35.19 ng
RT: 11.78 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Tgt Ion	Ratio	Lower	Upper
198	100		
51	64.0	47.3	87.3
105	57.3	38.8	78.8





#65

n-Nitrosodiphenylamine

Concen: 45.24 ng

RT: 11.87 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

Instrument :

BNA_F

ClientSampleId :

COMP-EMSD

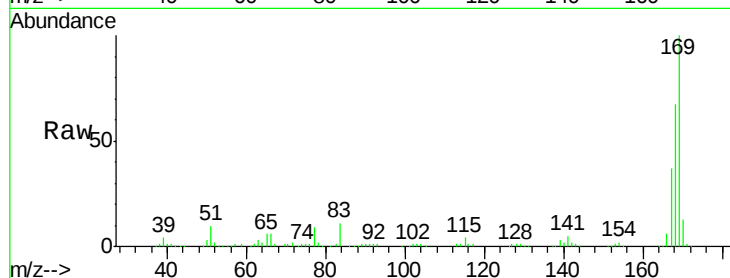
Tgt Ion:169 Resp: 302077

Ion Ratio Lower Upper

169 100

168 67.3 54.6 82.0

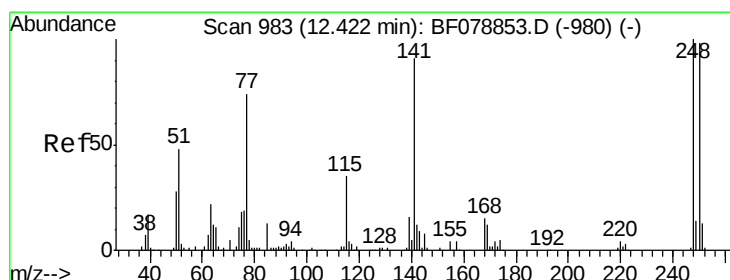
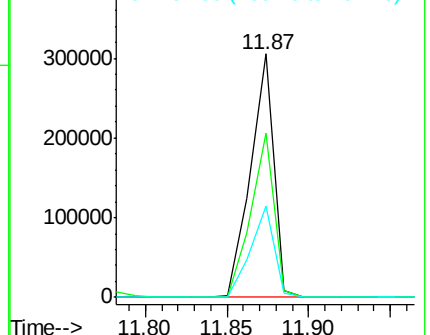
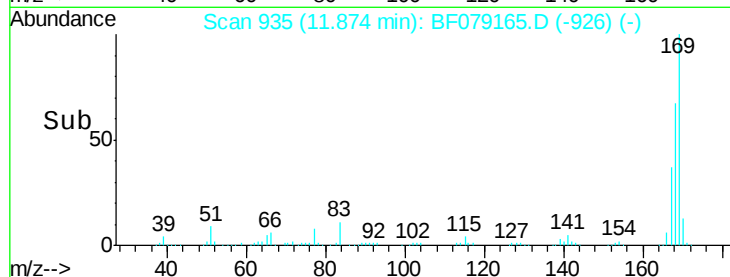
167 37.3 30.6 45.8



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: 45.18 ng

RT: 12.33 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

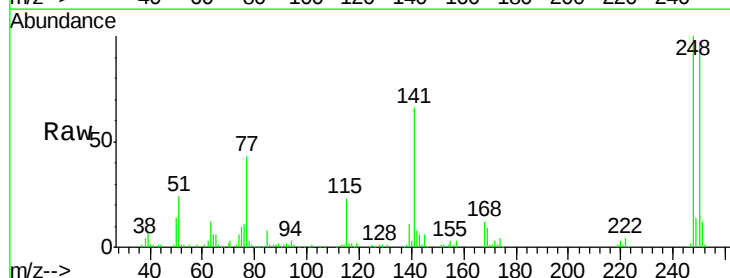
Tgt Ion:248 Resp: 94419

Ion Ratio Lower Upper

248 100

250 97.3 77.1 115.7

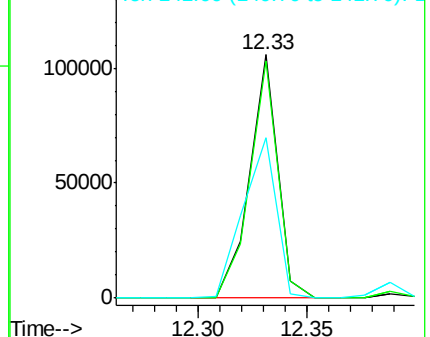
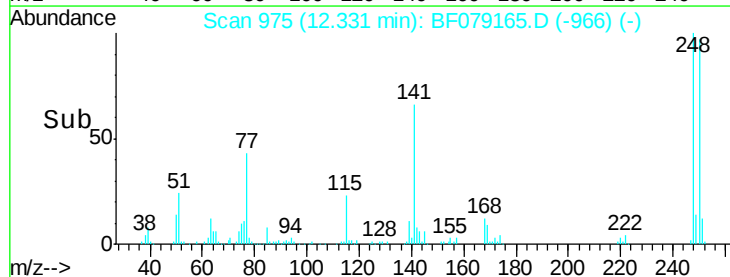
141 65.9 58.8 88.2

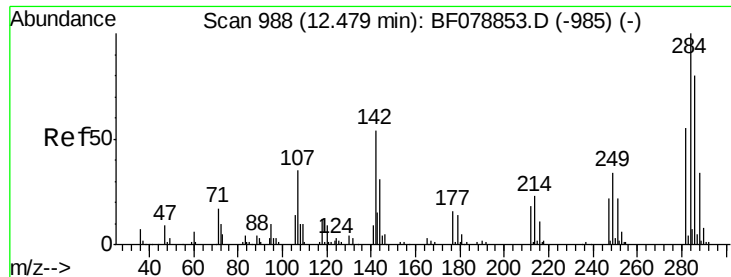


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

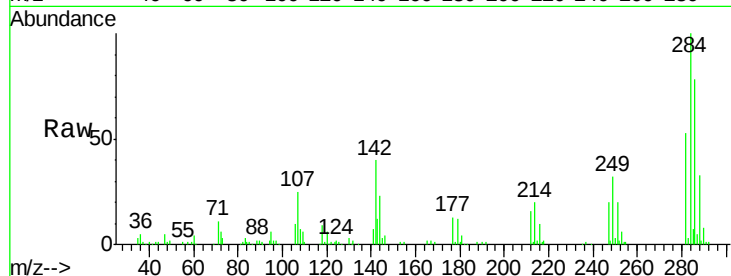




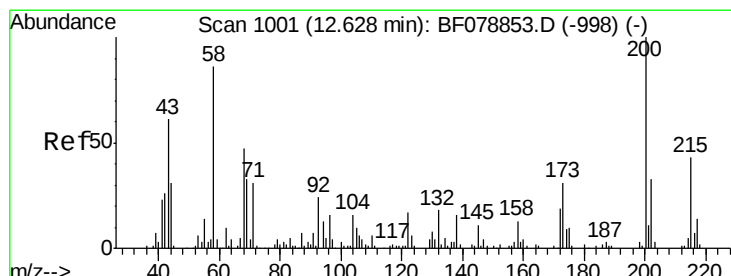
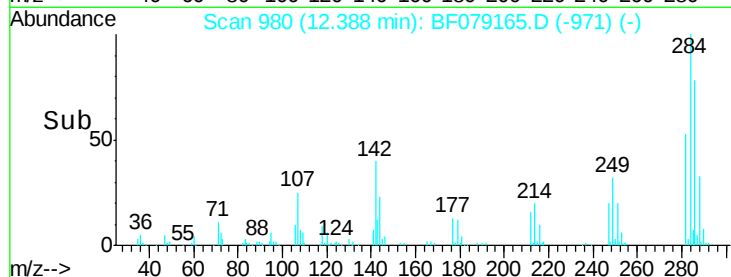
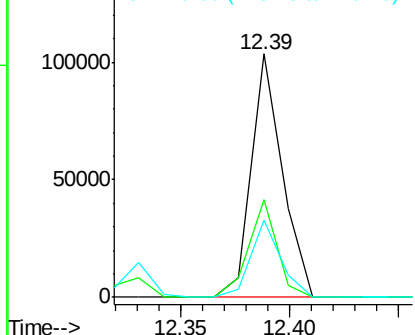
#67
Hexachlorobenzene
Concen: 43.01 ng
RT: 12.39 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Instrument :
BNA_F
ClientSampleId :
COMP-EMSD

Tgt Ion:284 Resp: 102745
Ion Ratio Lower Upper
284 100
142 40.1 35.2 52.8
249 31.8 25.4 38.2

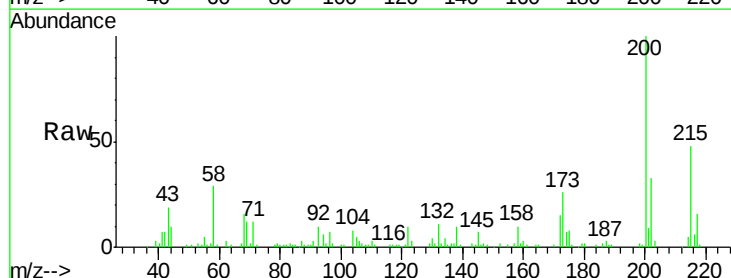


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

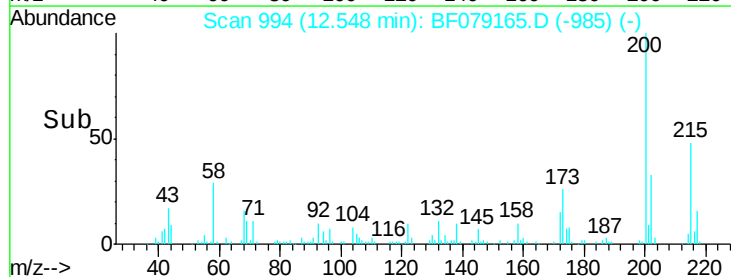
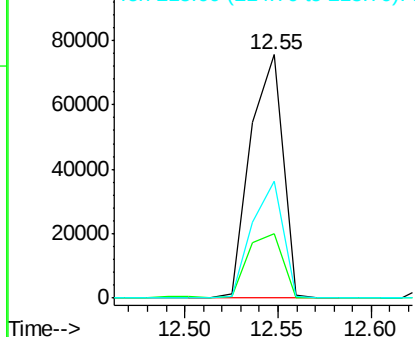


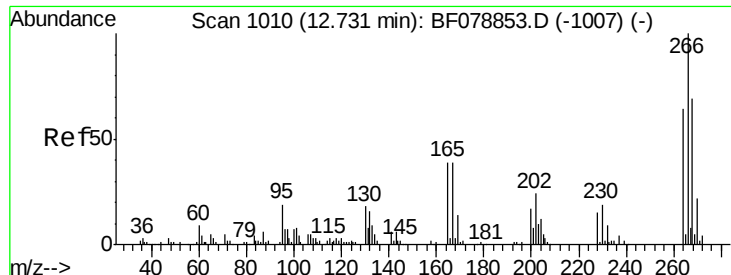
#68
Atrazine
Concen: 46.86 ng
RT: 12.55 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Tgt Ion:200 Resp: 90993
Ion Ratio Lower Upper
200 100
173 26.2 8.1 48.1
215 48.3 22.9 62.9



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

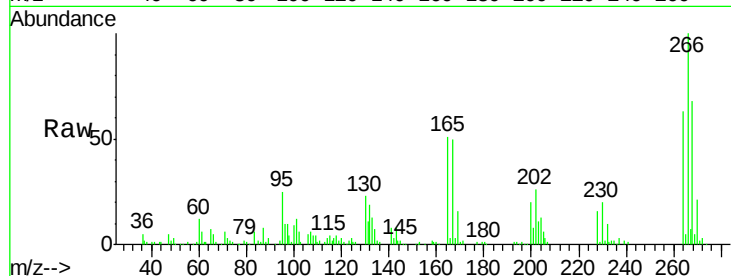




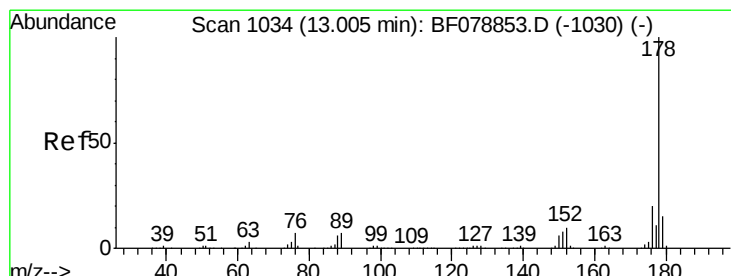
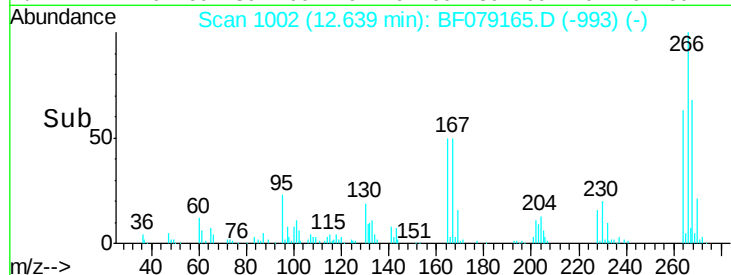
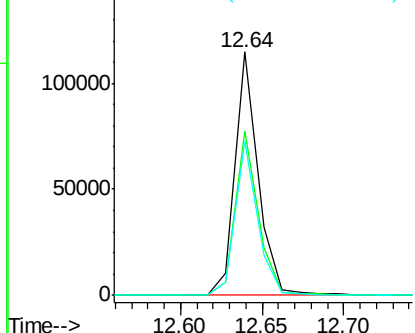
#69
 Pentachlorophenol
 Concen: 79.94 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMSD

Tgt Ion: 266 Resp: 111709
 Ion Ratio Lower Upper
 266 100
 268 67.7 55.0 82.6
 264 63.2 48.2 72.2

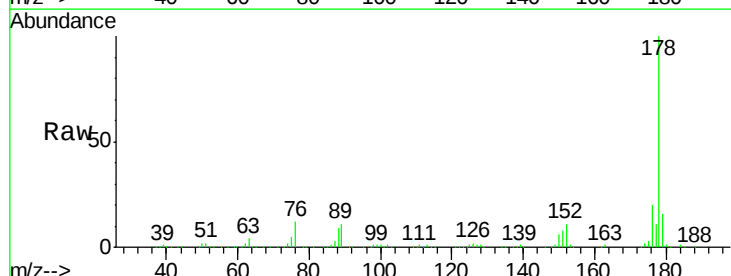


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

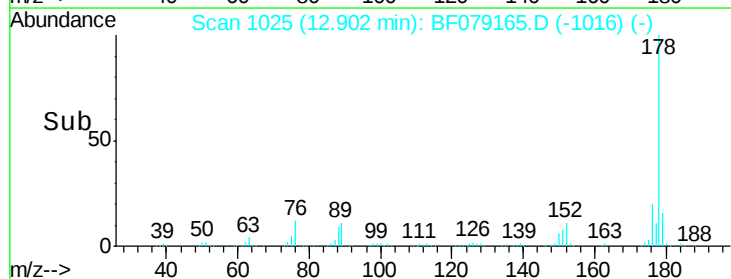
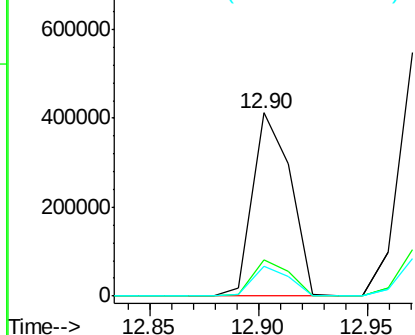


#70
 Phenanthrene
 Concen: 44.70 ng
 RT: 12.90 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

Tgt Ion: 178 Resp: 501350
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 16.2 12.5 18.7



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

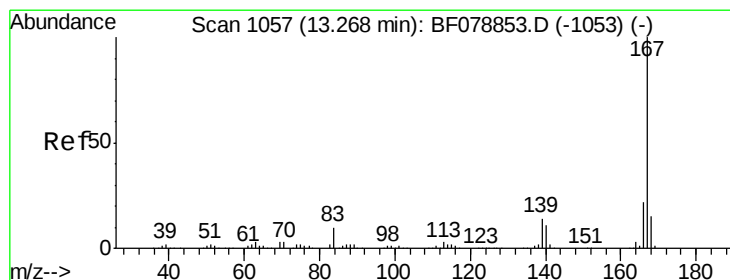
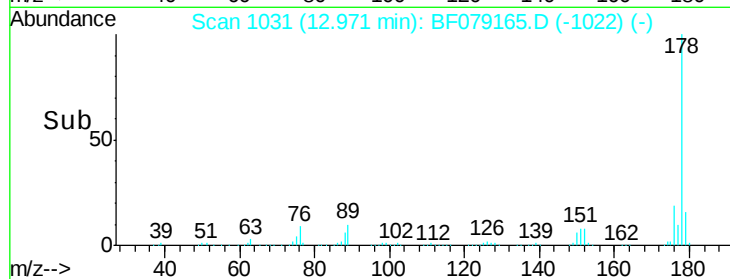
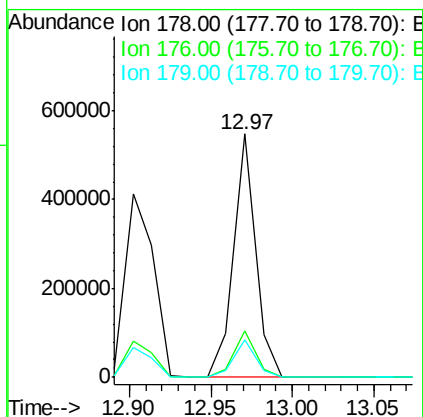
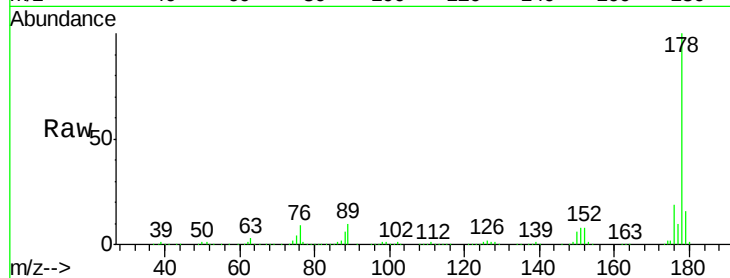




#71
 Anthracene
 Concen: 46.33 ng
 RT: 12.97 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

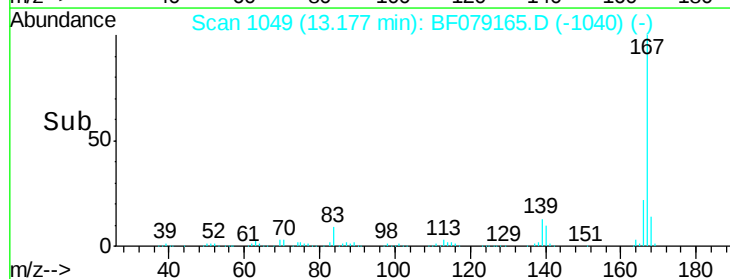
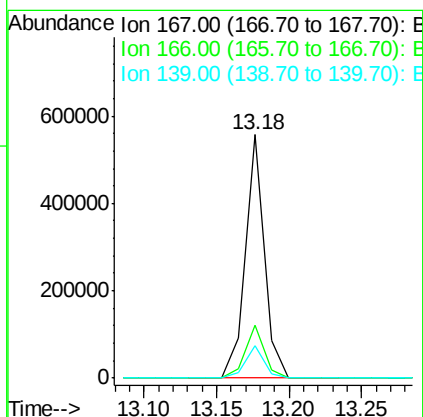
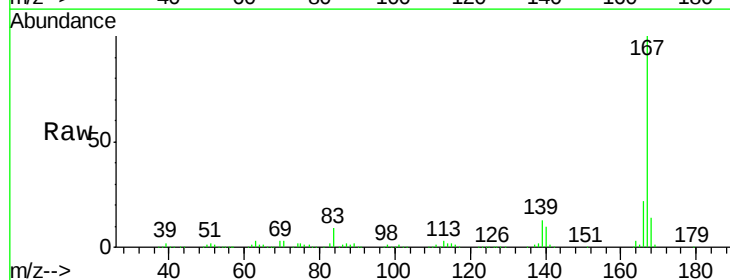
Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMSD

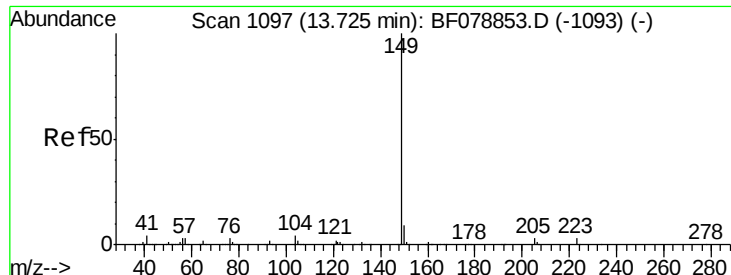
Tgt Ion:178 Resp: 509778
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.5 23.3
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 48.46 ng
 RT: 13.18 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

Tgt Ion:167 Resp: 508252
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 13.3 10.6 16.0

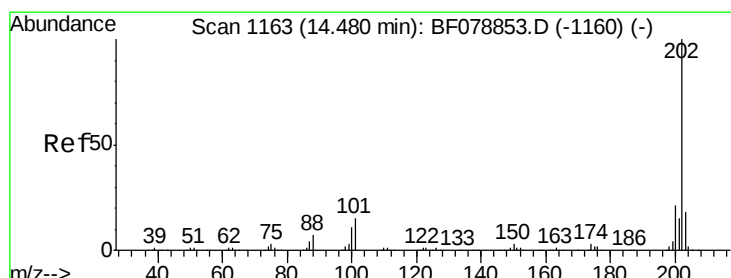
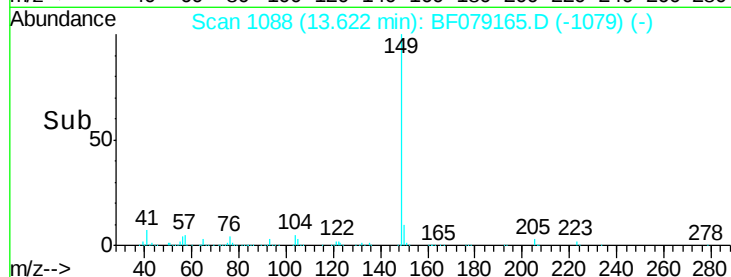
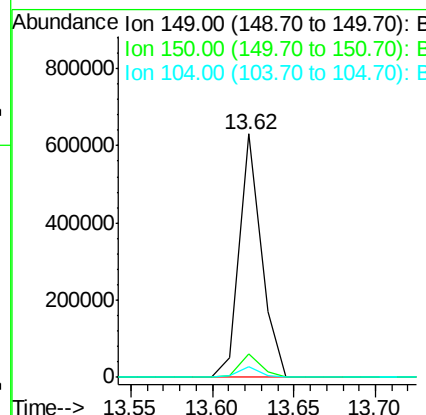
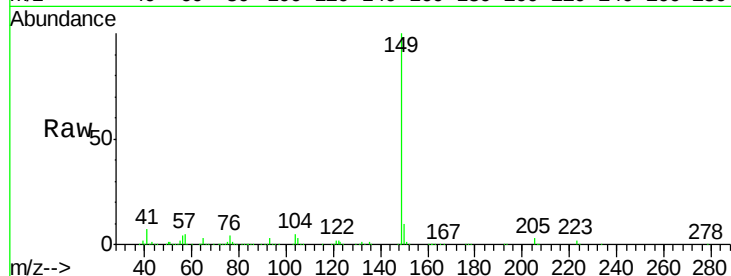




#73
Di-n-butylphthalate
Concen: 46.48 ng
RT: 13.62 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

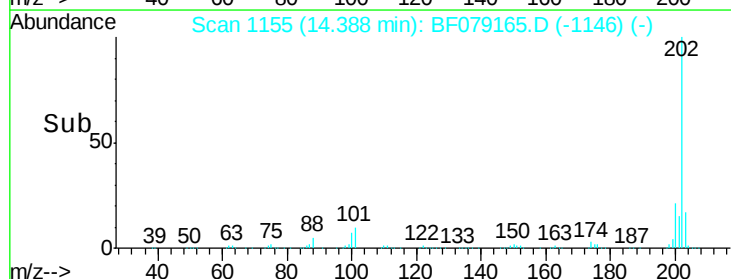
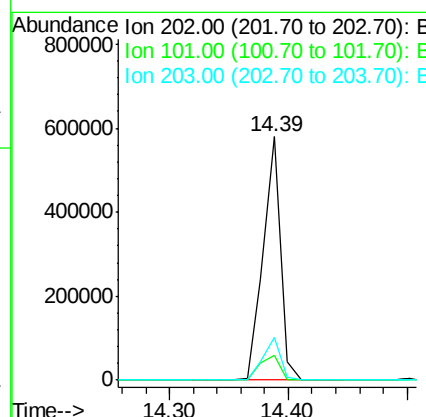
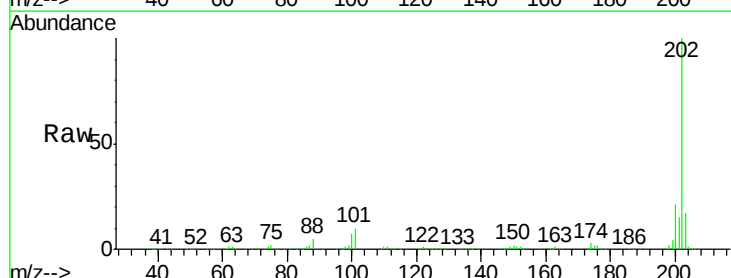
Instrument :
BNA_F
ClientSampleId :
COMP-EMSD

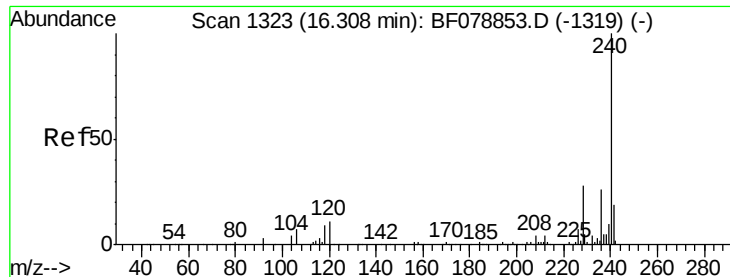
Tgt Ion:149 Resp: 584654
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 4.5 4.6 7.0#



#74
Fluoranthene
Concen: 50.95 ng
RT: 14.39 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Tgt Ion:202 Resp: 595470
Ion Ratio Lower Upper
202 100
101 10.3 0.0 34.6
203 17.5 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.17 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

Instrument :

BNA_F

ClientSampleId :

COMP-EMSD

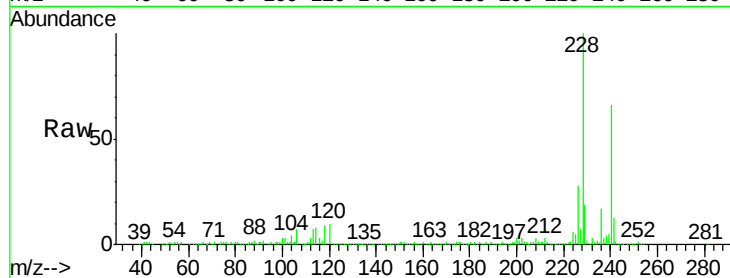
Tgt Ion:240 Resp: 213993

Ion Ratio Lower Upper

240 100

120 15.5 9.7 14.5#

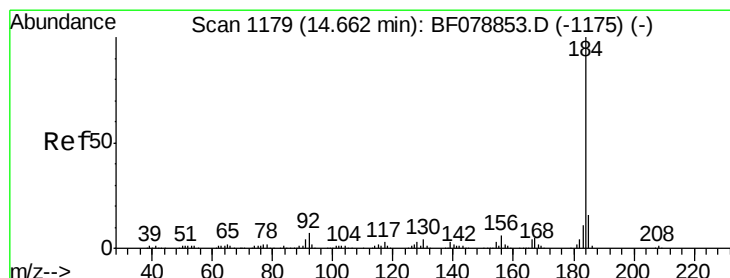
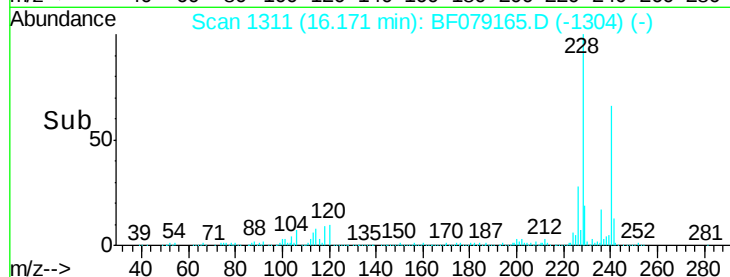
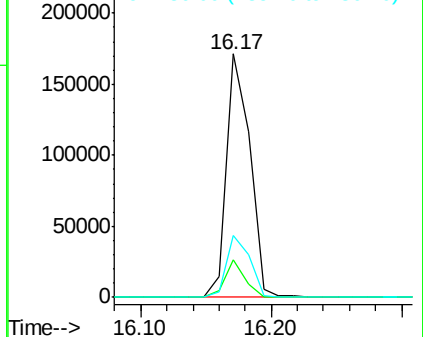
236 25.5 20.2 30.4



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: 45.04 ng

RT: 14.56 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

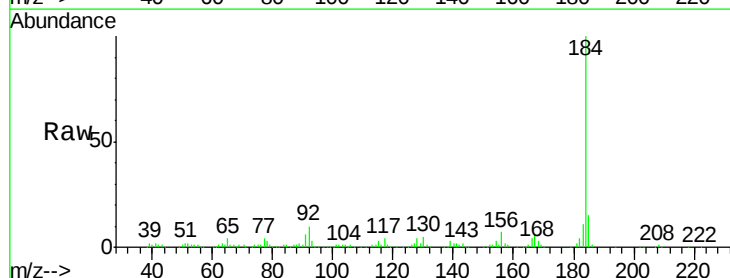
Tgt Ion:184 Resp: 259777

Ion Ratio Lower Upper

184 100

185 14.7 12.3 18.5

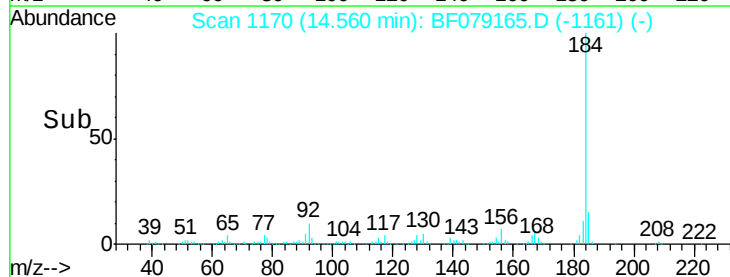
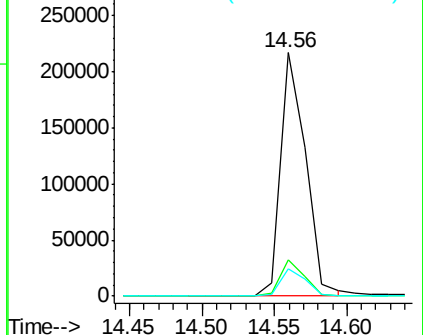
183 11.0 8.4 12.6

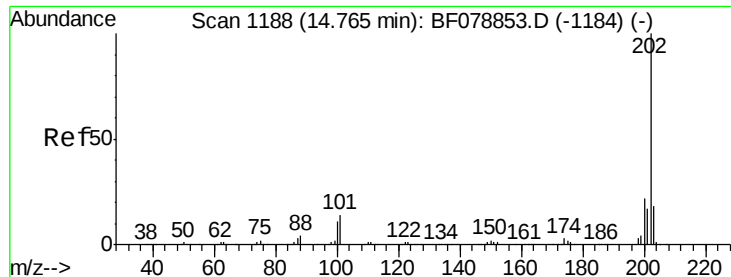


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

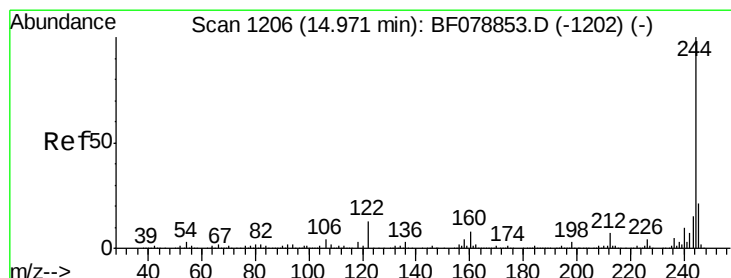
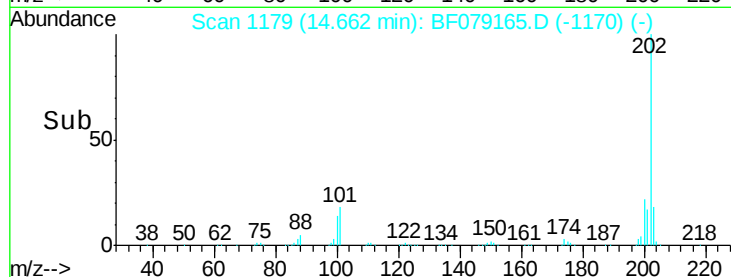
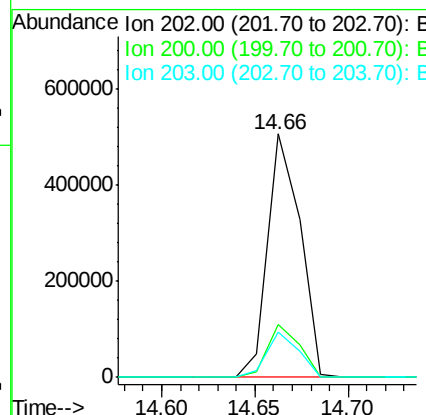
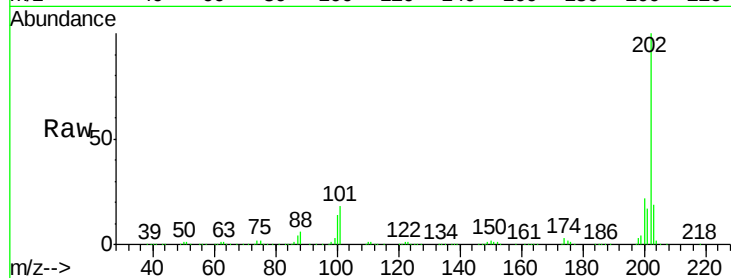




#77
 Pyrene
 Concen: 49.64 ng
 RT: 14.66 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

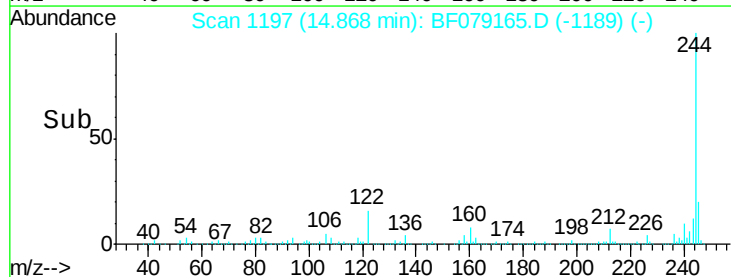
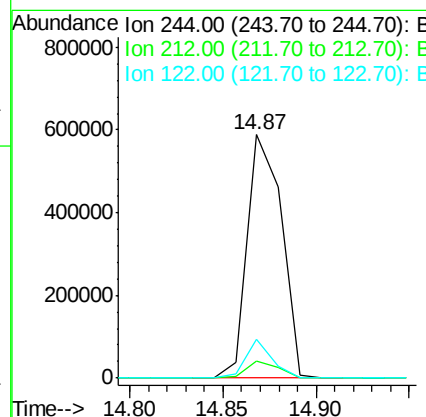
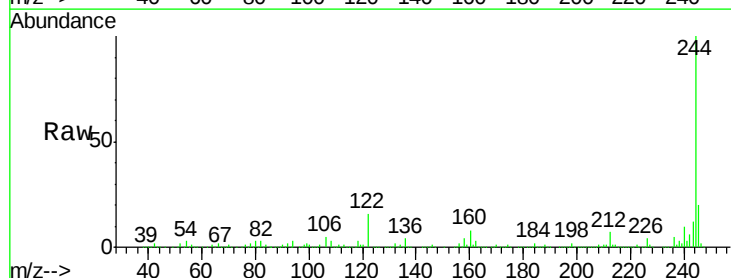
Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMSD

Tgt Ion: 202 Resp: 612086
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.5 26.3
 203 18.5 13.9 20.9



#78
 Terphenyl-d14
 Concen: 84.44 ng
 RT: 14.87 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

Tgt Ion: 244 Resp: 754757
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 15.8 10.3 15.5#





#79

Butylbenzylphthalate

Concen: 51.27 ng

RT: 15.49 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

Instrument :

BNA_F

ClientSampleId :

COMP-EMSD

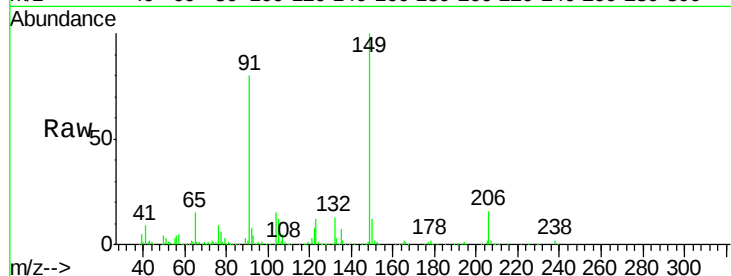
Tgt Ion:149 Resp: 276349

Ion Ratio Lower Upper

149 100

91 80.0 64.6 97.0

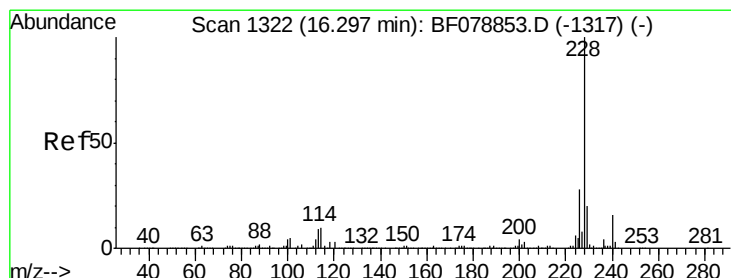
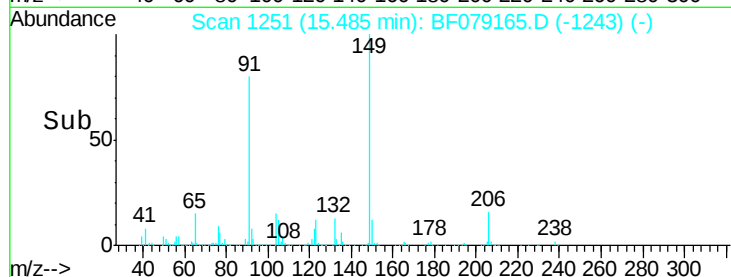
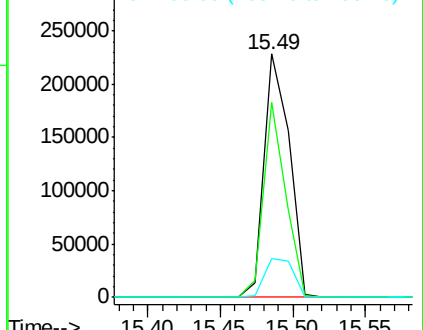
206 15.9 12.2 18.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.84 ng

RT: 16.16 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

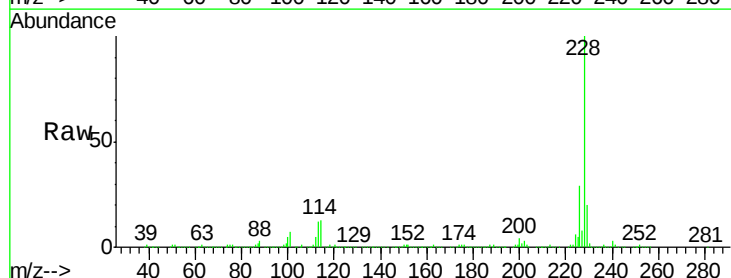
Tgt Ion:228 Resp: 572276

Ion Ratio Lower Upper

228 100

226 28.6 22.6 33.8

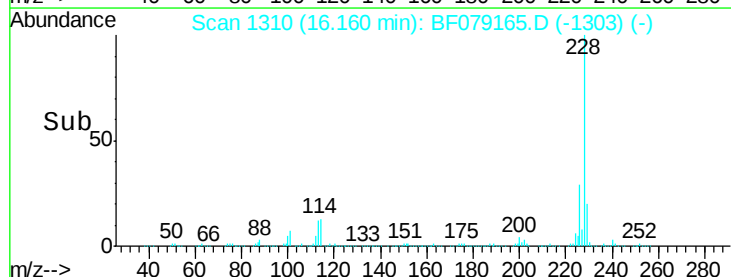
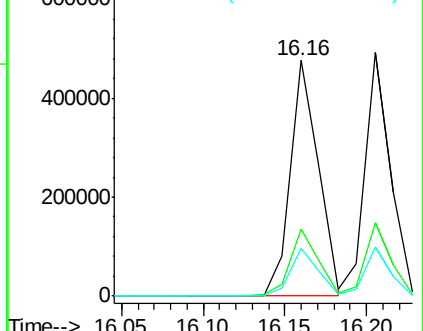
229 20.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

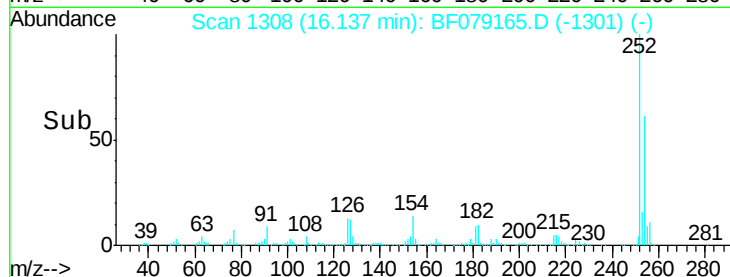
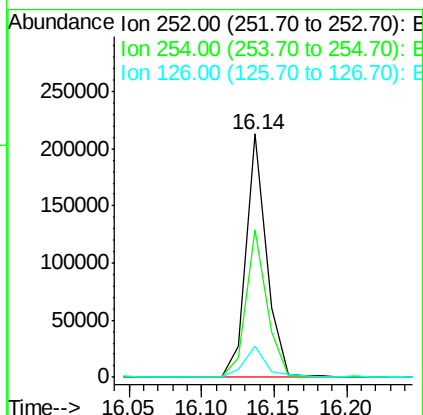
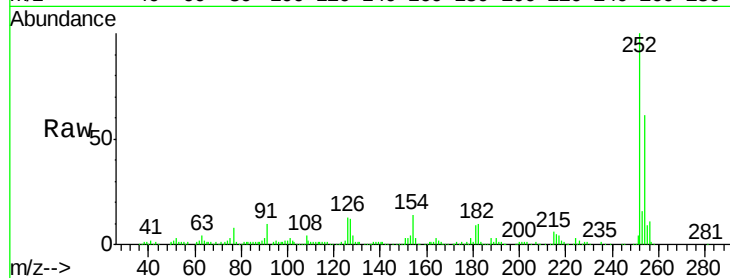




#81
 3,3'-Dichlorobenzidine
 Concen: 50.59 ng
 RT: 16.14 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

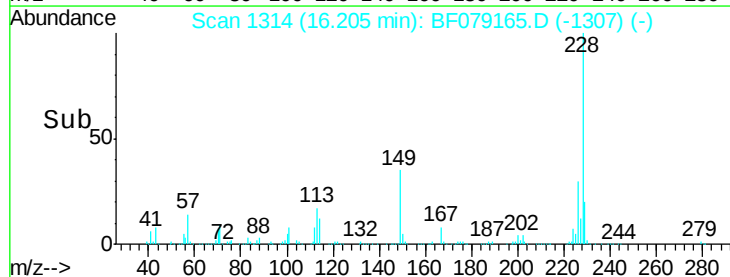
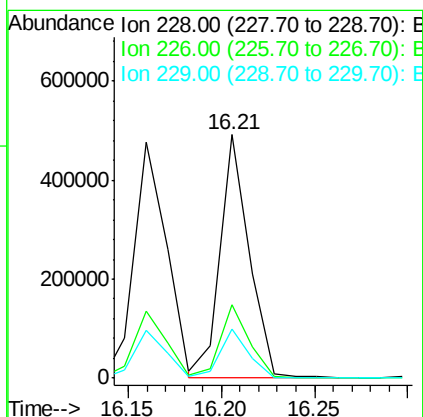
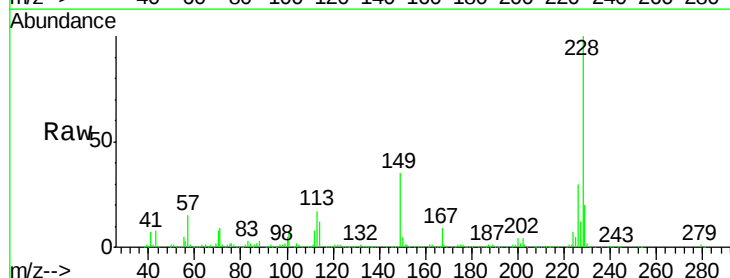
Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMSD

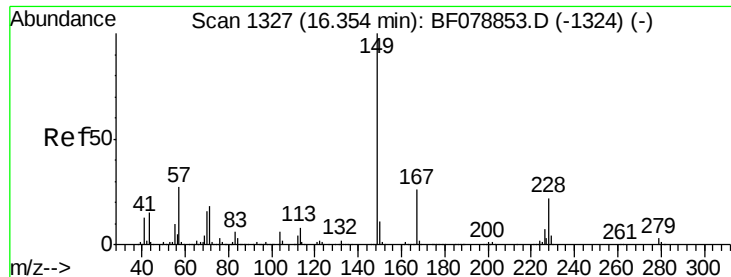
Tgt Ion:252 Resp: 211164
 Ion Ratio Lower Upper
 252 100
 254 60.6 51.3 76.9
 126 13.0 6.6 10.0#



#82
 Chrysene
 Concen: 47.23 ng
 RT: 16.21 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

Tgt Ion:228 Resp: 532293
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.9 37.3
 229 20.0 16.0 24.0

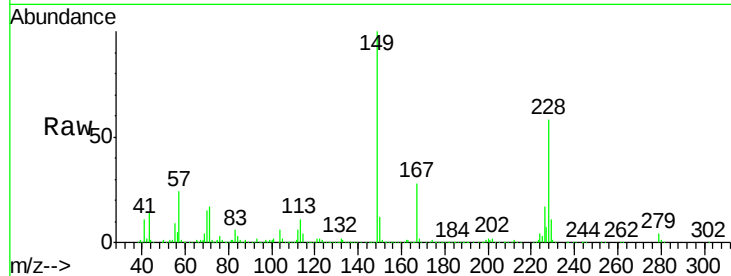




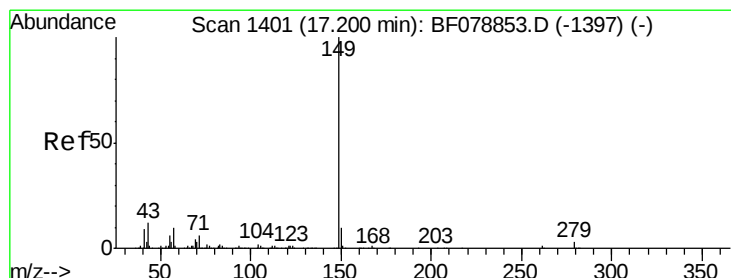
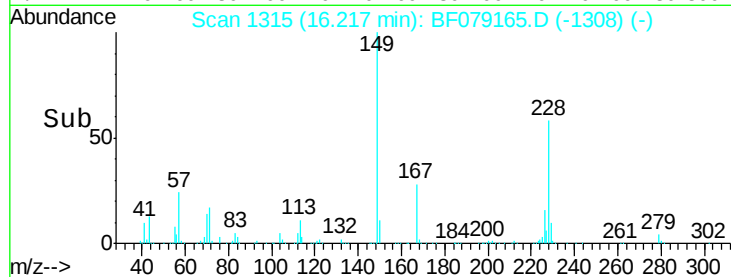
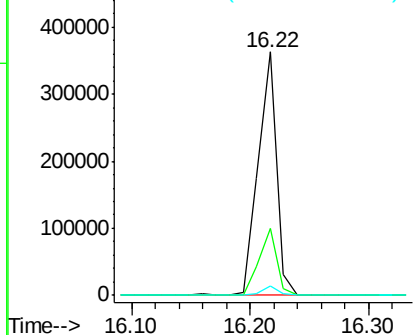
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.42 ng
 RT: 16.22 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 COMP-EMSD

Tgt Ion:149 Resp: 395298
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.8 32.8
 279 3.7 2.9 4.3

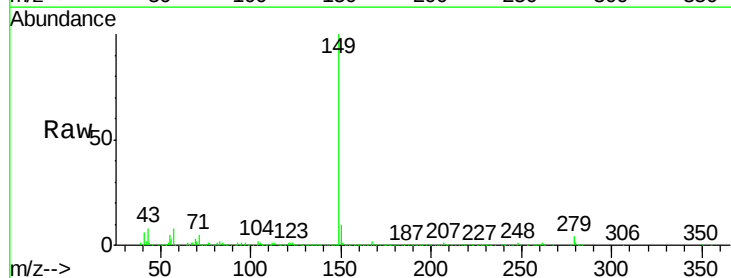


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

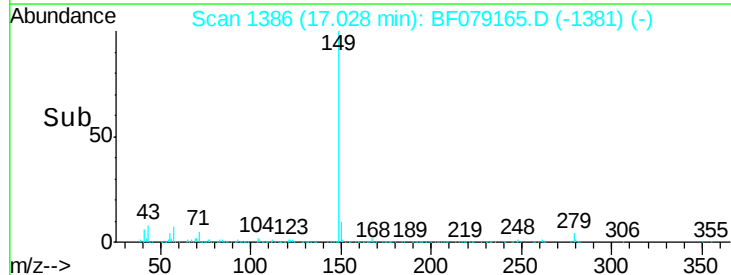
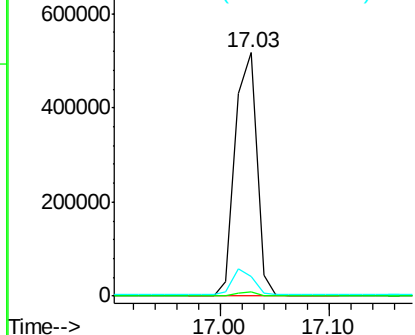


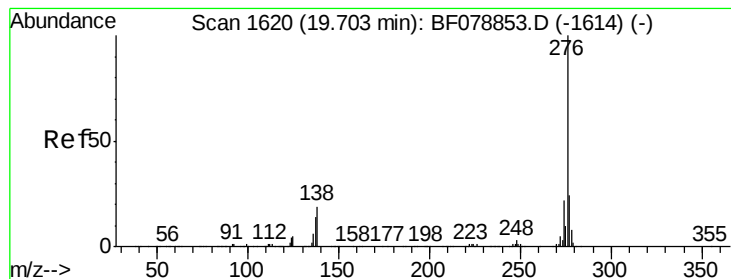
#84
 Di-n-octyl phthalate
 Concen: 48.84 ng
 RT: 17.03 min Scan# 1386
 Delta R.T. -0.05 min
 Lab File: BF079165.D
 Acq: 12 May 2015 18:48

Tgt Ion:149 Resp: 702322
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 10.2 0.0 0.0#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.70 ng

RT: 19.41 min Scan# 1594

Delta R.T. -0.09 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

Instrument :

BNA_F

ClientSampleId :

COMP-EMSD

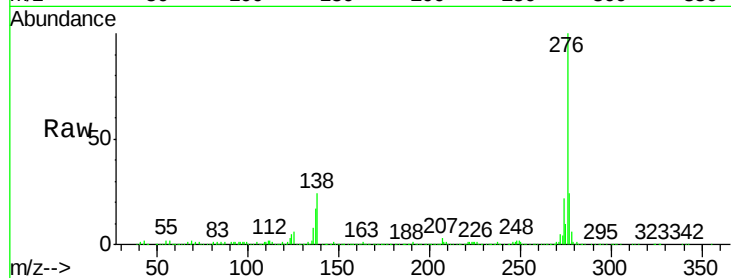
Tgt Ion:276 Resp: 656263

Ion Ratio Lower Upper

276 100

138 27.7 0.0 0.0#

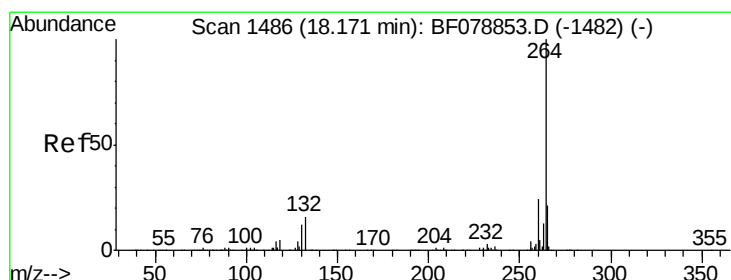
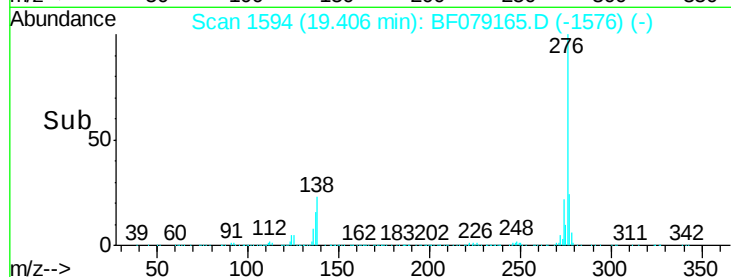
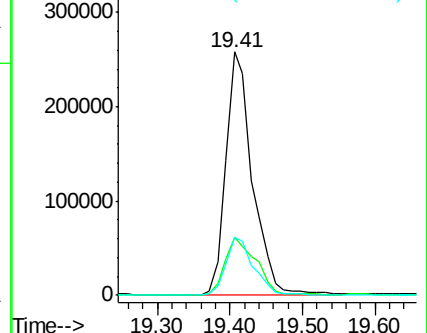
277 24.9 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.94 min Scan# 1466

Delta R.T. -0.08 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

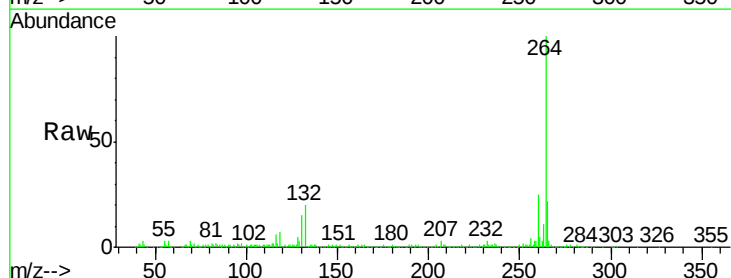
Tgt Ion:264 Resp: 233055

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

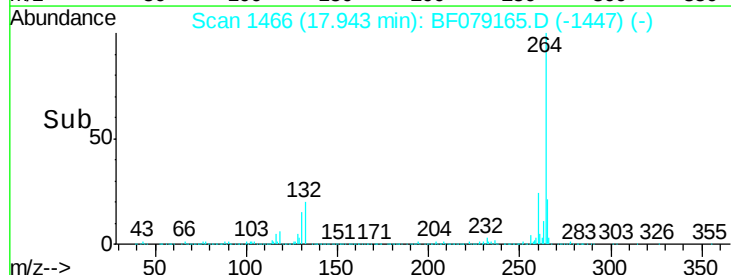
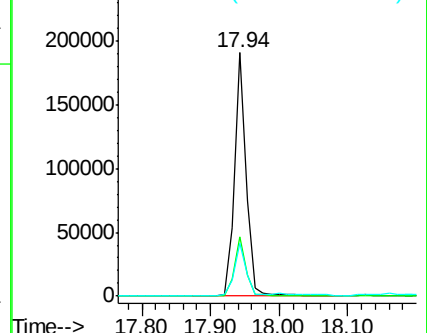
265 21.6 18.3 27.5

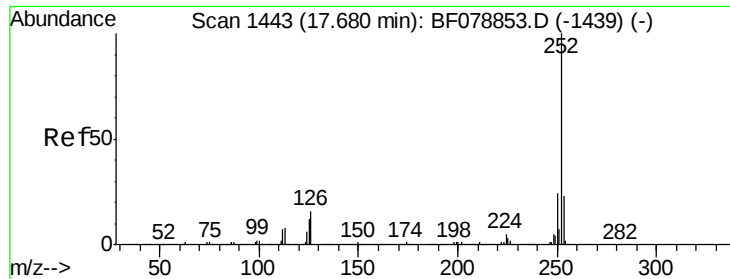


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

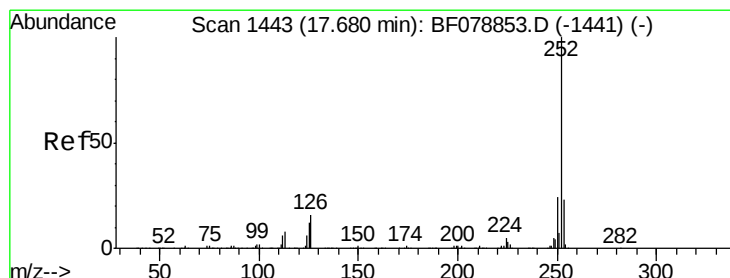
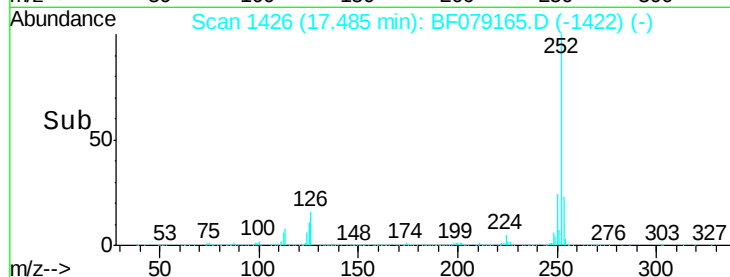
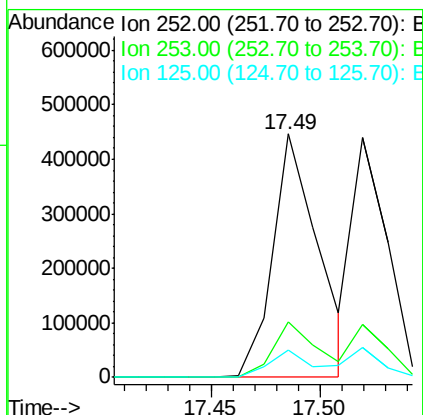
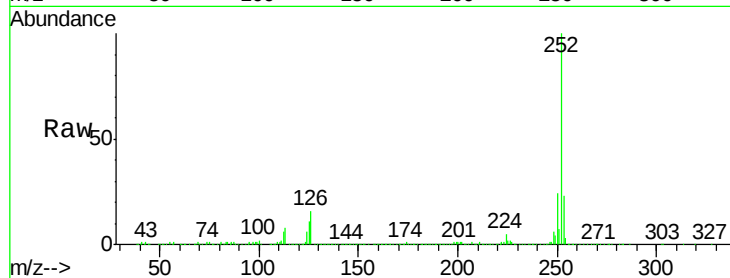




#87
Benzo(b)fluoranthene
Concen: 51.07 ng
RT: 17.49 min Scan# 1426
Delta R.T. -0.06 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

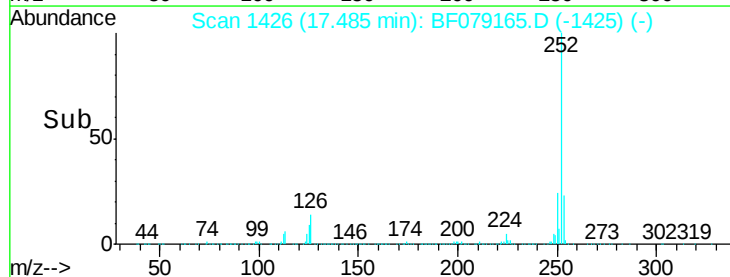
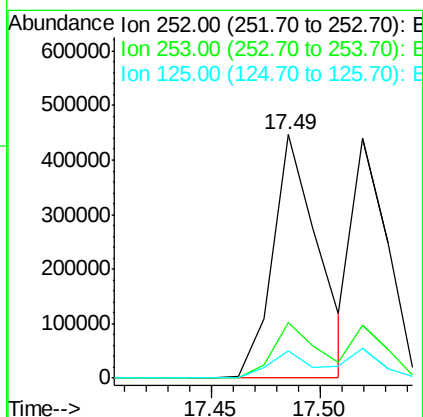
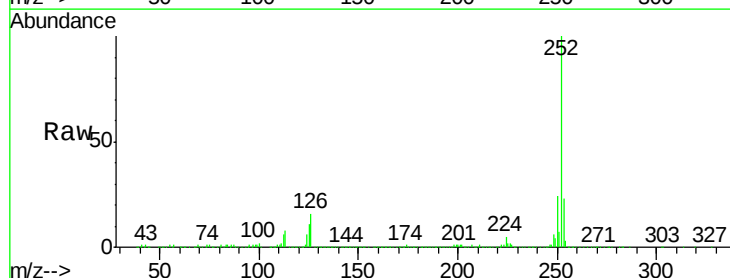
Instrument :
BNA_F
ClientSampleId :
COMP-EMSD

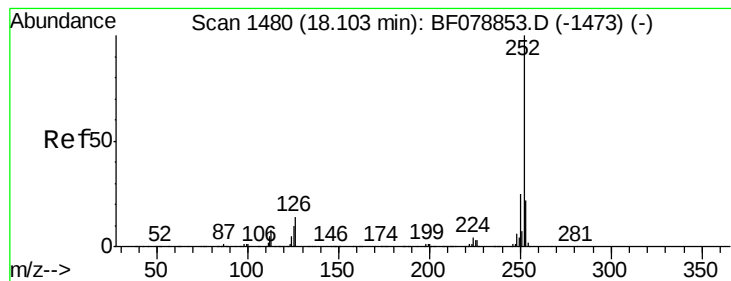
Tgt Ion:252 Resp: 651527
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 11.5 9.5 14.3



#88
Benzo(k)fluoranthene
Concen: 52.76 ng
RT: 17.49 min Scan# 1426
Delta R.T. -0.09 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Tgt Ion:252 Resp: 651527
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 11.5 10.0 15.0

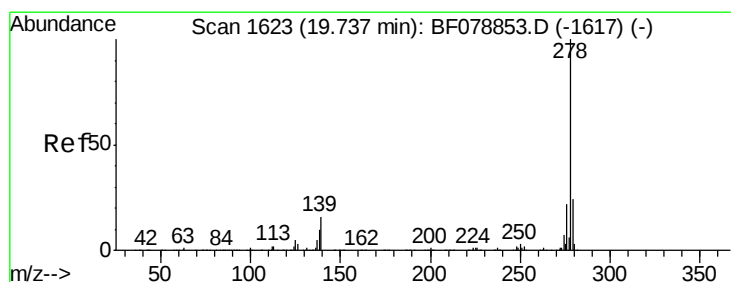
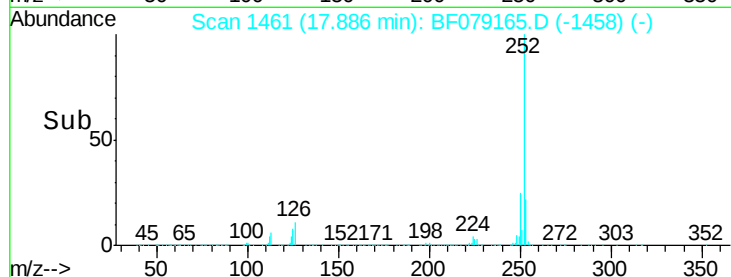
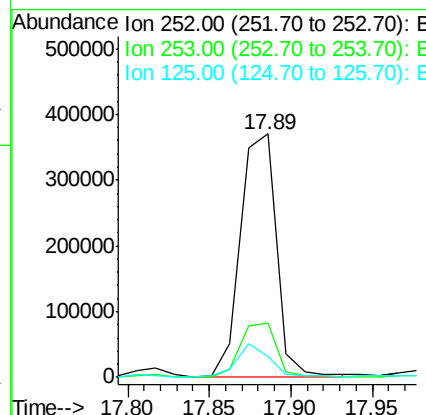
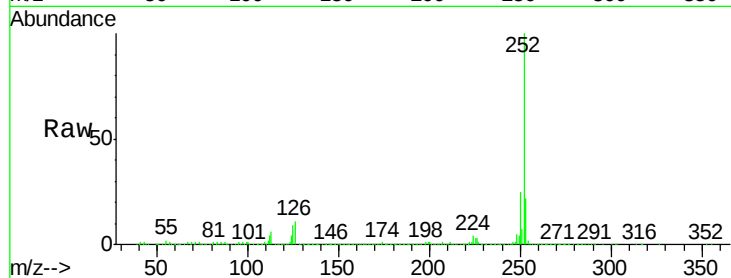




#89
Benzo(a)pyrene
Concen: 47.71 ng
RT: 17.89 min Scan# 1461
Delta R.T. -0.07 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

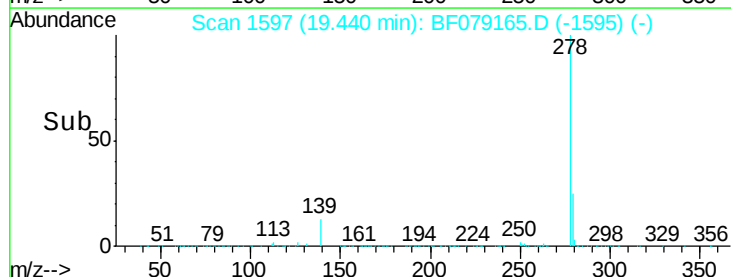
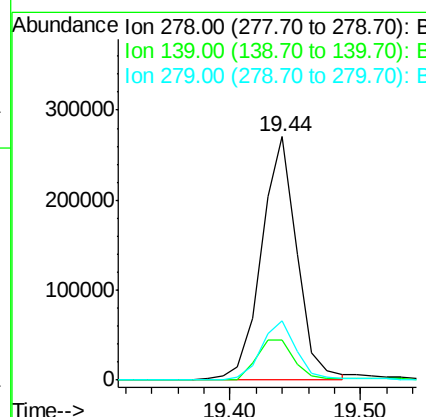
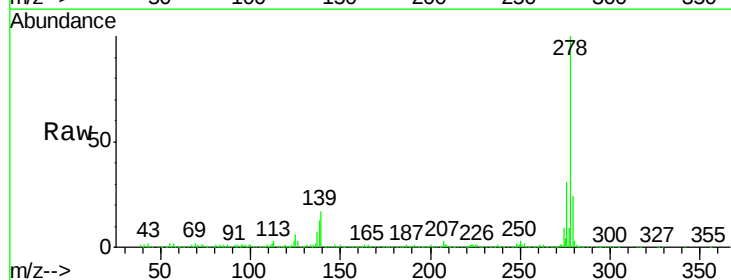
Instrument :
BNA_F
ClientSampleId :
COMP-EMSD

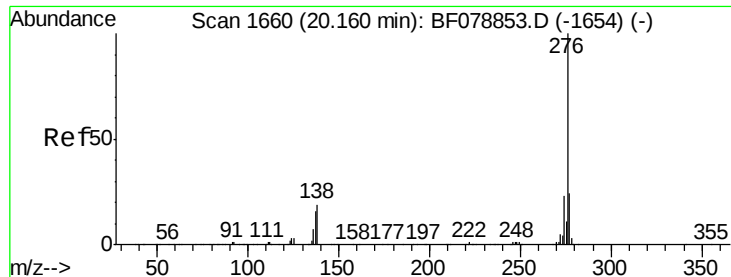
Tgt Ion: 252 Resp: 560443
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 8.6 7.0 10.6



#90
Dibenzo(a,h)anthracene
Concen: 40.91 ng
RT: 19.44 min Scan# 1597
Delta R.T. -0.08 min
Lab File: BF079165.D
Acq: 12 May 2015 18:48

Tgt Ion: 278 Resp: 510634
Ion Ratio Lower Upper
278 100
139 16.6 12.8 19.2
279 24.4 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 42.46 ng

RT: 19.84 min Scan# 1632

Delta R.T. -0.09 min

Lab File: BF079165.D

Acq: 12 May 2015 18:48

Instrument :

BNA_F

ClientSampleId :

COMP-EMSD

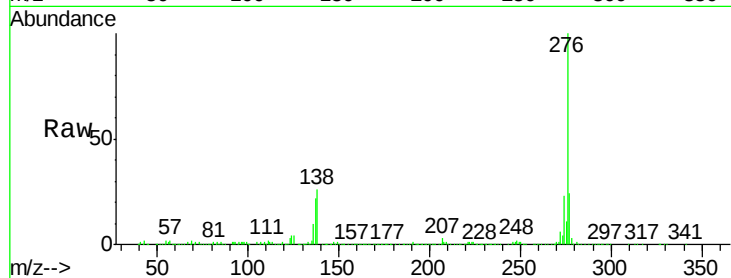
Tgt Ion: 276 Resp: 531220

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 26.0 17.4 26.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

