

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060715\
 Data File : BF079809.D
 Acq On : 7 Jun 2015 12:30
 Operator : TP/IZ
 Sample : G2550-02MSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MSD

Quant Time: Jun 09 12:55:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 01:08:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	52665	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	133866	20.00	ng	0.00
38) Acenaphthene-d10	10.55	164	66675	20.00	ng	0.00
63) Phenanthrene-d10	12.06	188	131341	20.00	ng	0.00
75) Chrysene-d12	14.96	240	138834	20.00	ng	-0.02
86) Perylene-d12	16.87	264	127767	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	282378	89.87	ng	0.00
7) Phenol-d6	7.07	99	393609	96.99	ng	0.00
23) Nitrobenzene-d5	8.03	82	121442	55.70	ng	0.00
41) 2,4,6-Tribromophenol	11.34	330	57823	90.67	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	284418	57.79	ng	0.00
78) Terphenyl-d14	13.71	244	336917	55.58	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	30380	21.85	ng	98
3) Pyridine	4.26	79	89348	22.98	ng	98
4) n-Nitrosodimethylamine	4.17	42	48277	28.61	ng	91
6) Aniline	7.13	93	130244	22.11	ng	99
8) 2-Chlorophenol	7.26	128	101964	29.98	ng	99
9) Benzaldehyde	7.02	77	6198	2.36	ng	97
10) Phenol	7.08	94	132647	30.03	ng	99
11) bis(2-Chloroethyl)ether	7.19	93	110451	32.24	ng	99
12) 1,3-Dichlorobenzene	7.42	146	105434	24.76	ng	98
13) 1,4-Dichlorobenzene	7.50	146	113520	25.12	ng	99
14) 1,2-Dichlorobenzene	7.66	146	63527	15.05	ng	98
15) Benzyl Alcohol	7.60	79	53735	16.02	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.74	45	81356	15.70	ng	97
17) 2-Methylphenol	7.70	107	47138	14.86	ng	99
18) Hexachloroethane	8.00	117	21593	16.45	ng	98
19) n-Nitroso-di-n-propylamine	7.86	70	47190	16.76	ng	93
20) 3+4-Methylphenols	7.85	107	67716	16.75	ng	97
22) Acetophenone	7.87	105	92849	29.08	ng	# 96
24) Nitrobenzene	8.04	77	59515	27.37	ng	99
25) Isophorone	8.28	82	130260	29.27	ng	99
26) 2-Nitrophenol	8.38	139	20721	22.62	ng	# 92
27) 2,4-Dimethylphenol	8.39	122	59425	28.83	ng	93
28) bis(2-Chloroethoxy)methane	8.49	93	65124	23.68	ng	# 97
29) 2,4-Dichlorophenol	8.60	162	52717	28.51	ng	98
30) 1,2,4-Trichlorobenzene	8.71	180	60975	27.15	ng	97
31) Naphthalene	8.79	128	182142m	25.94	ng	
32) Benzoic acid	8.40	122	1331m	5.77	ng	
33) 4-Chloroaniline	8.82	127	63373m	17.76	ng	
34) Hexachlorobutadiene	8.91	225	33276	24.36	ng	96
35) Caprolactam	9.15	113	14045	24.94	ng	# 79
36) 4-Chloro-3-methylphenol	9.29	107	54321	26.29	ng	96
37) 2-Methylnaphthalene	9.48	142	134066	30.03	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.66	216	61399	29.57	ng	98
40) Hexachlorocyclopentadiene	9.64	237	60271	67.51	ng	99

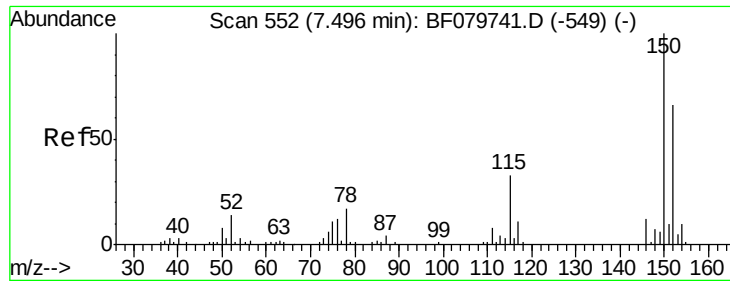
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060715\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	35000	25.34	ng	98
43) 2,4,5-Trichlorophenol	9.79	196	42245	29.07	ng	98
45) 1,1'-Biphenyl	9.94	154	148876	25.67	ng	96
46) 2-Chloronaphthalene	9.98	162	117178	24.74	ng	99
47) 2-Nitroaniline	10.06	65	26762	26.94	ng	98
48) Acenaphthylene	10.40	152	190908	24.38	ng	99
49) Dimethylphthalate	10.23	163	184681	35.96	ng	99
50) 2,6-Dinitrotoluene	10.30	165	25968	33.08	ng	# 85
51) Acenaphthene	10.57	154	113579	25.61	ng	94
52) 3-Nitroaniline	10.47	138	26678	24.59	ng	95
53) 2,4-Dinitrophenol	10.57	184	10196	46.94	ng	89
54) Dibenzofuran	10.75	168	169611	27.01	ng	98
55) 4-Nitrophenol	10.60	139	46645	57.57	ng	89
56) 2,4-Dinitrotoluene	10.71	165	28433	30.91	ng	# 97
57) Fluorene	11.10	166	147493	27.14	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.86	232	29683	25.24	ng	95
59) Diethylphthalate	10.94	149	154308	30.72	ng	98
60) 4-Chlorophenyl-phenylether	11.07	204	63862	25.92	ng	95
61) 4-Nitroaniline	11.08	138	29419	30.01	ng	95
62) Azobenzene	11.23	77	126306	24.89	ng	99
64) 4,6-Dinitro-2-methylphenol	11.12	198	8560	30.46	ng	84
65) n-Nitrosodiphenylamine	11.19	169	122036	27.82	ng	99
66) 4-Bromophenyl-phenylether	11.58	248	41395	29.11	ng	91
67) Hexachlorobenzene	11.66	284	45023	28.15	ng	# 73
68) Atrazine	11.70	200	37707	28.60	ng	94
69) Pentachlorophenol	11.84	266	35385	49.82	ng	98
70) Phenanthrene	12.08	178	207044	26.92	ng	99
71) Anthracene	12.12	178	204369	26.95	ng	99
72) Carbazole	12.27	167	201159	27.92	ng	98
73) Di-n-butylphthalate	12.59	149	237924	29.12	ng	# 81
74) Fluoranthene	13.33	202	232018	27.56	ng	96
76) Benzidine	13.43	184	116007	26.48	ng	97
77) Pyrene	13.58	202	233086	27.38	ng	97
79) Butylbenzylphthalate	14.24	149	91225	26.88	ng	96
80) Benzo(a)anthracene	14.95	228	216702	25.50	ng	99
81) 3,3'-Dichlorobenzidine	14.89	252	62535	21.66	ng	100
82) Chrysene	14.99	228	211751	26.95	ng	98
83) Bis(2-ethylhexyl)phthalate	14.90	149	137174	25.59	ng	# 94
84) Di-n-octyl phthalate	15.69	149	226724	24.01	ng	# 95
85) Indeno(1,2,3-cd)pyrene	18.85	276	208202	22.89	ng	98
87) Benzo(b)fluoranthene	16.30	252	198499m	25.01	ng	
88) Benzo(k)fluoranthene	16.34	252	203713m	26.76	ng	
89) Benzo(a)pyrene	16.79	252	193302	26.38	ng	99
90) Dibenzo(a,h)anthracene	18.87	278	169058	23.91	ng	97
91) Benzo(g,h,i)perylene	19.44	276	177865	24.33	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Instrument :

BNA_F

ClientSampleId :

FS-039MSD

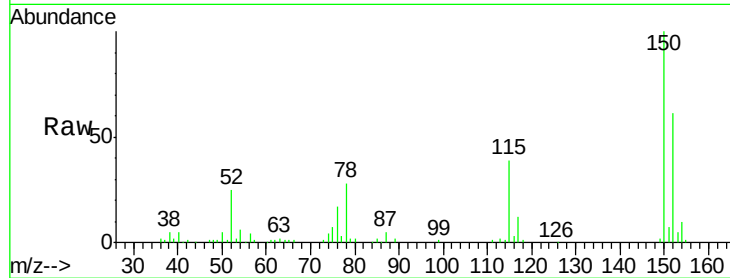
Tgt Ion:152 Resp: 52665

Ion Ratio Lower Upper

152 100

150 164.6 128.1 192.1

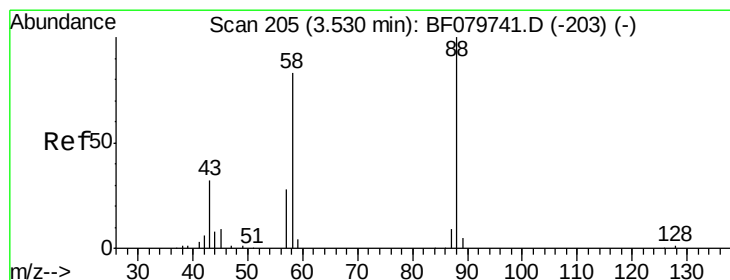
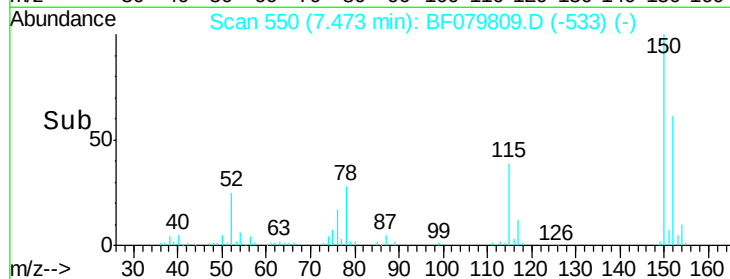
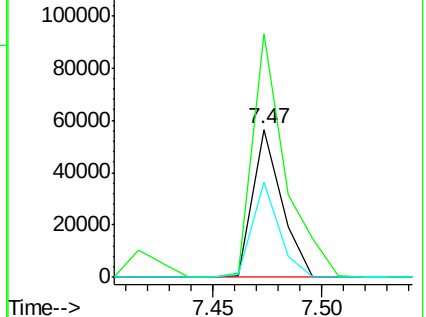
115 64.3 49.7 74.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 21.85 ng

RT: 3.53 min Scan# 205

Delta R.T. 0.01 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

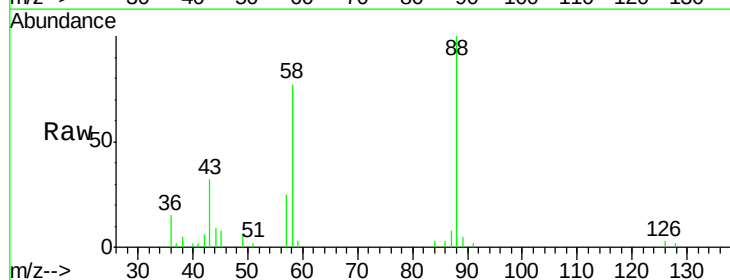
Tgt Ion: 88 Resp: 30380

Ion Ratio Lower Upper

88 100

58 82.5 64.2 96.4

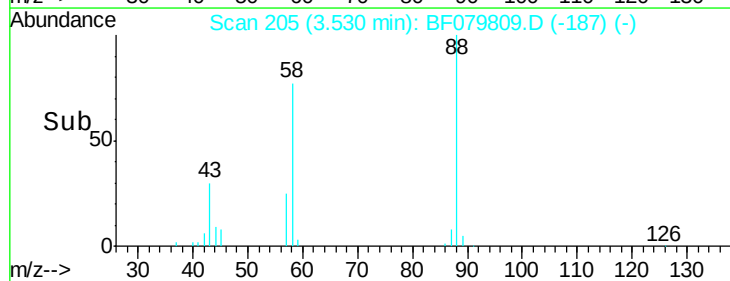
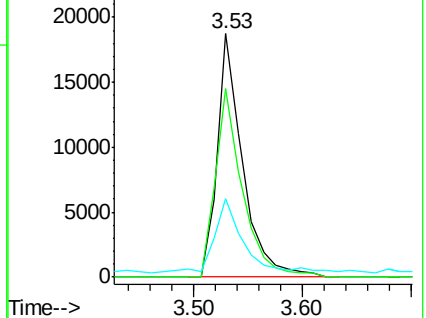
43 31.6 25.1 37.7

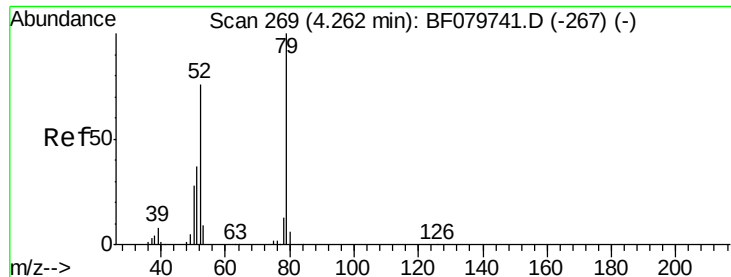


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 22.98 ng

RT: 4.26 min Scan# 269

Delta R.T. 0.01 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Instrument :

BNA_F

ClientSampleId :

FS-039MSD

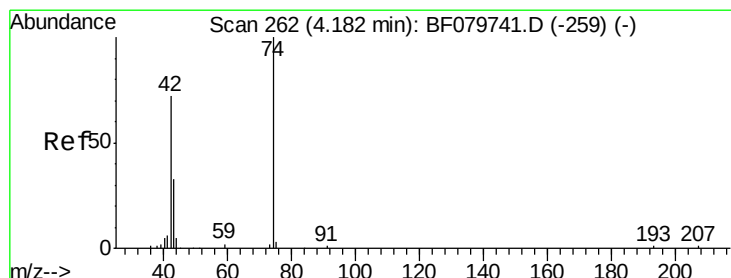
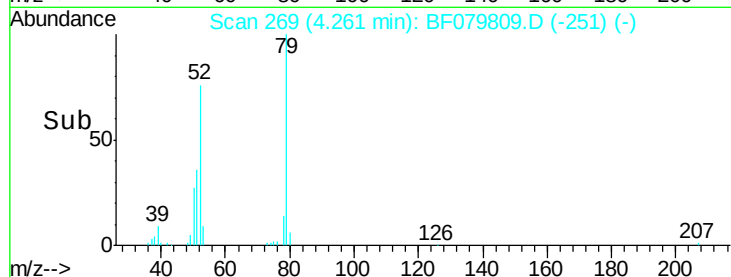
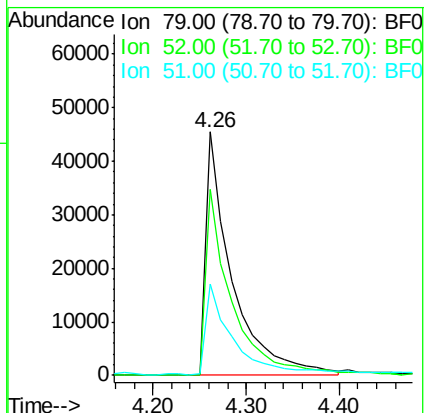
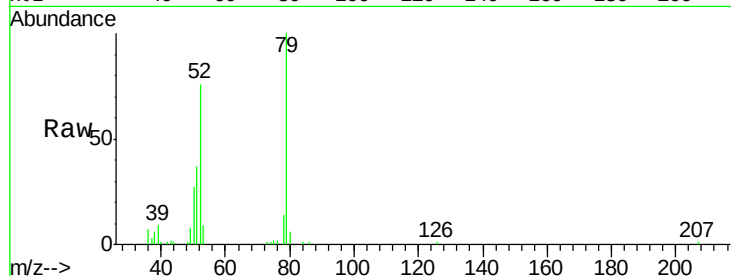
Tgt Ion: 79 Resp: 89348

Ion Ratio Lower Upper

79 100

52 76.2 63.1 94.7

51 37.3 29.3 43.9



#4

n-Nitrosodimethylamine

Concen: 28.61 ng

RT: 4.17 min Scan# 261

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

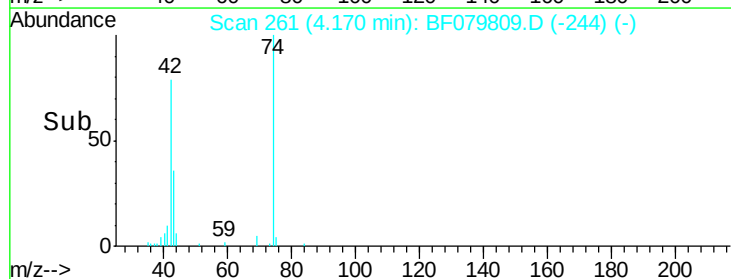
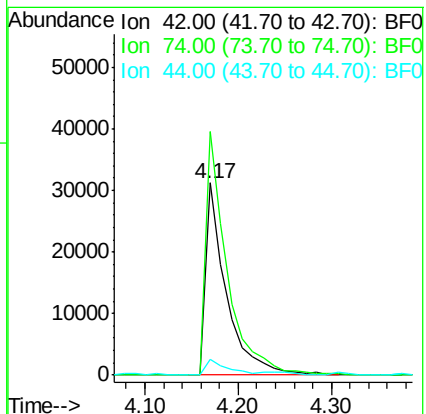
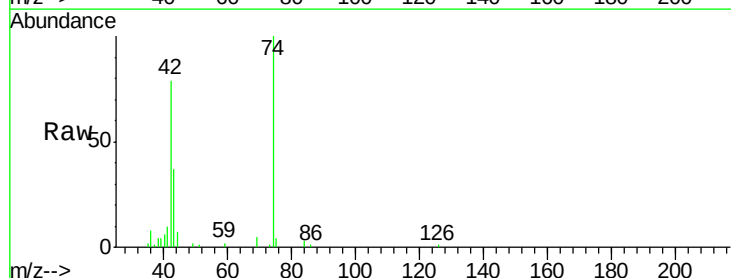
Tgt Ion: 42 Resp: 48277

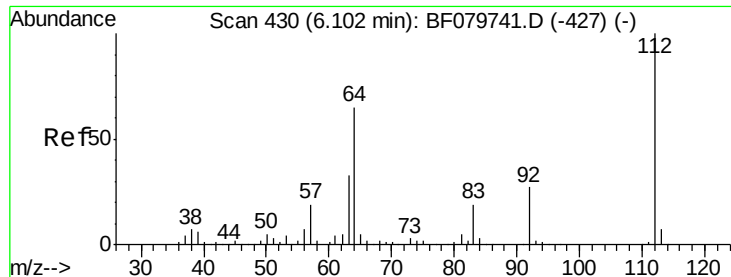
Ion Ratio Lower Upper

42 100

74 126.9 110.6 165.8

44 8.5 6.2 9.2





#5

2-Fluorophenol

Concen: 89.87 ng

RT: 6.09 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

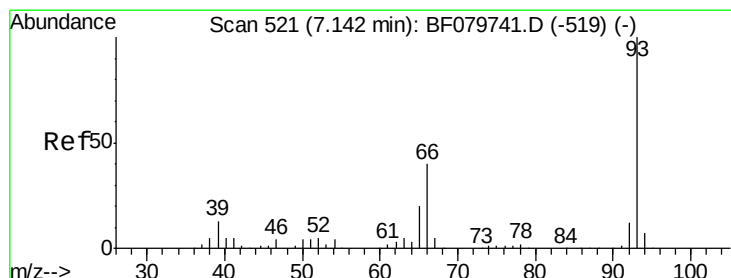
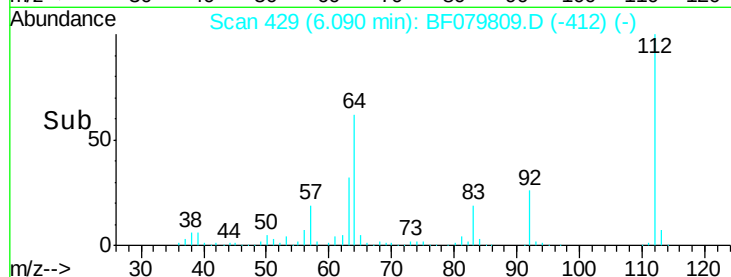
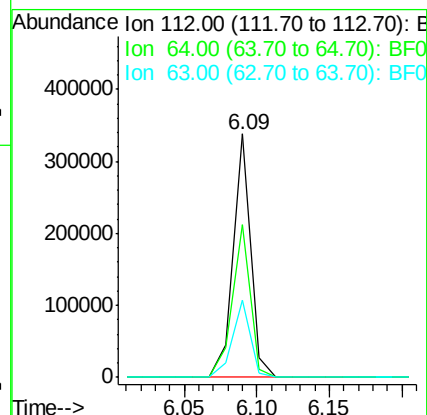
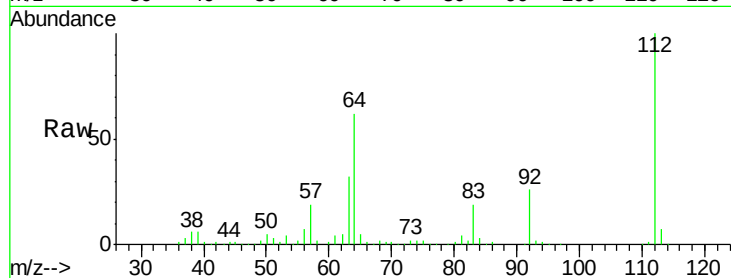
Instrument :

BNA_F

ClientSampleId :

FS-039MSD

Tgt Ion:	112	Resp:	282378
Ion	Ratio	Lower	Upper
112	100		
64	62.5	49.6	74.4
63	31.6	24.9	37.3



#6

Aniline

Concen: 22.11 ng

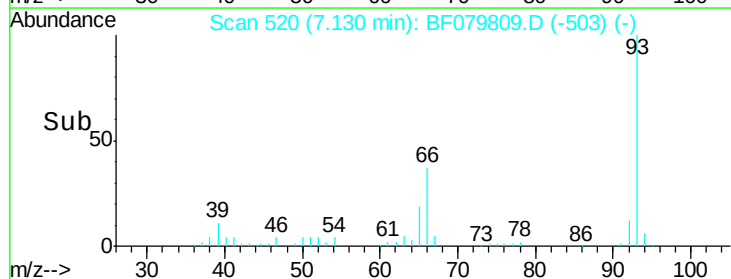
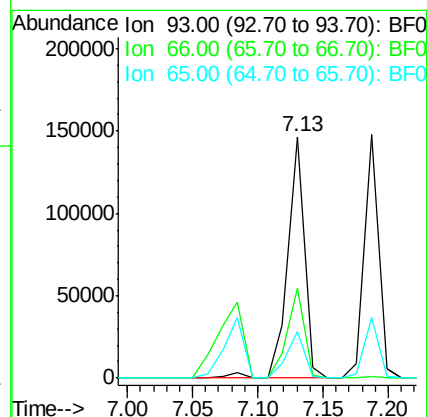
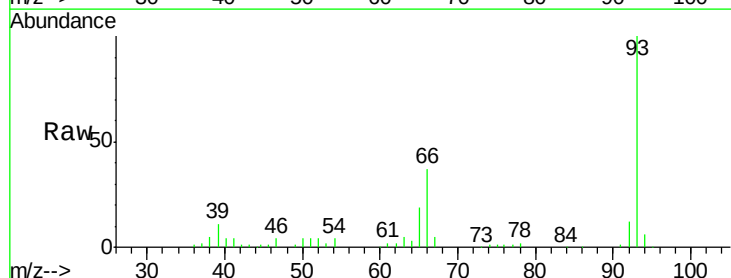
RT: 7.13 min Scan# 520

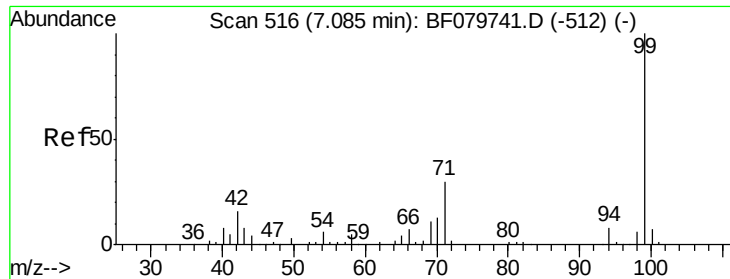
Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Tgt Ion:	93	Resp:	130244
Ion	Ratio	Lower	Upper
93	100		
66	37.2	30.3	45.5
65	19.1	15.8	23.6





#7

Phenol-d6

Concen: 96.99 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Instrument :

BNA_F

ClientSampleId :

FS-039MSD

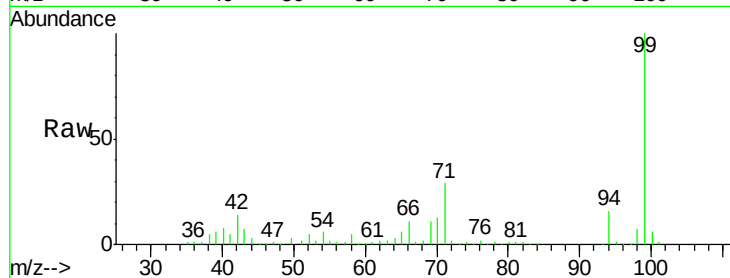
Tgt Ion: 99 Resp: 393609

Ion Ratio Lower Upper

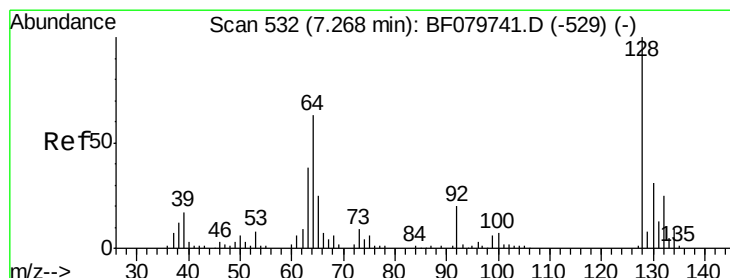
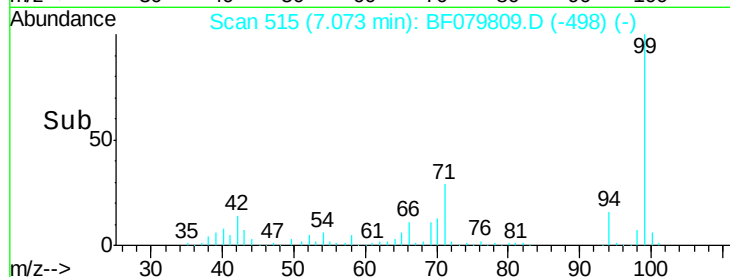
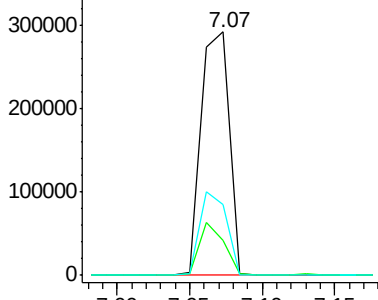
99 100

42 14.3 18.0 27.0#

71 29.0 28.4 42.6



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



#8

2-Chlorophenol

Concen: 29.98 ng

RT: 7.26 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

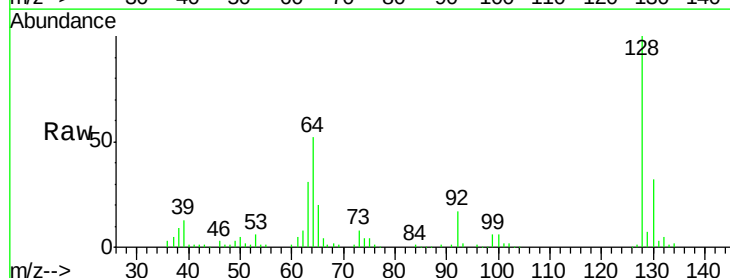
Tgt Ion: 128 Resp: 101964

Ion Ratio Lower Upper

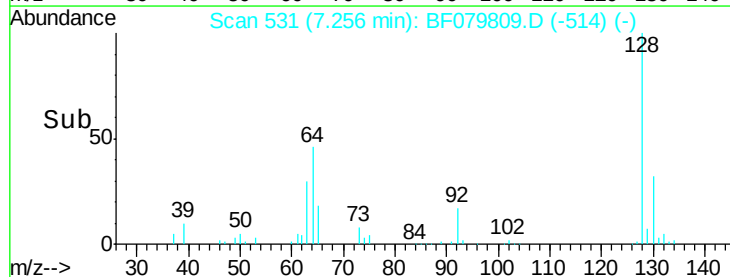
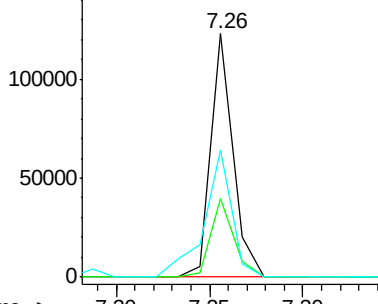
128 100

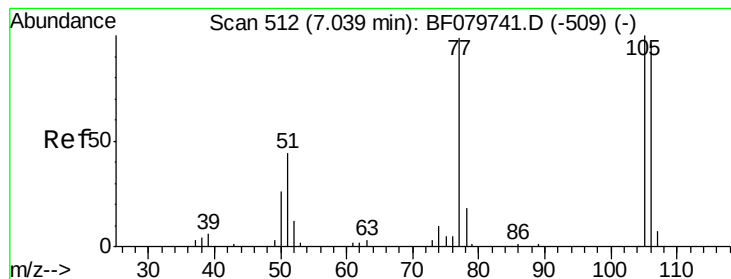
130 32.4 12.3 52.3

64 52.2 33.3 73.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.36 ng

RT: 7.02 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Instrument :

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FS-039MSD

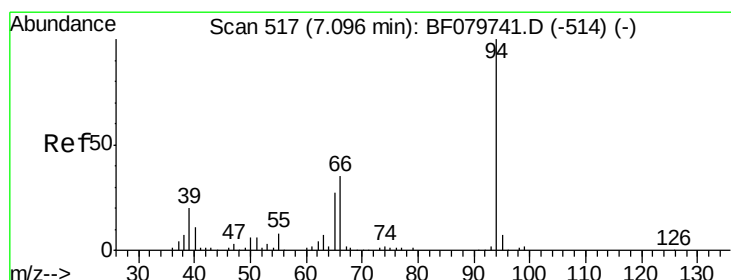
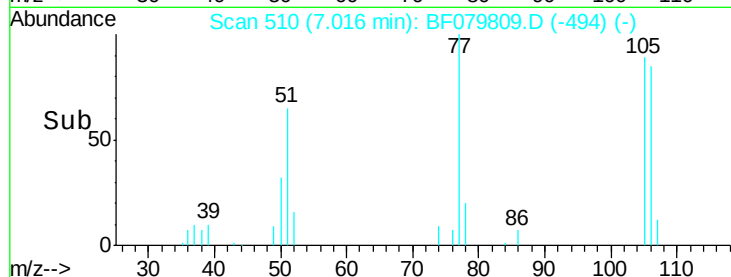
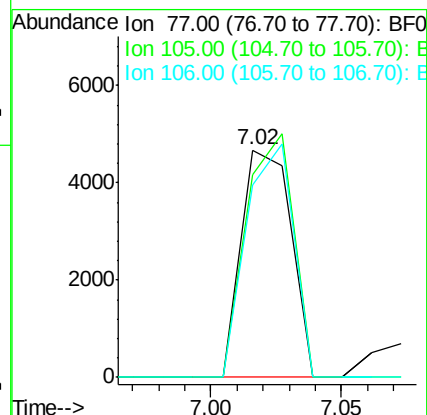
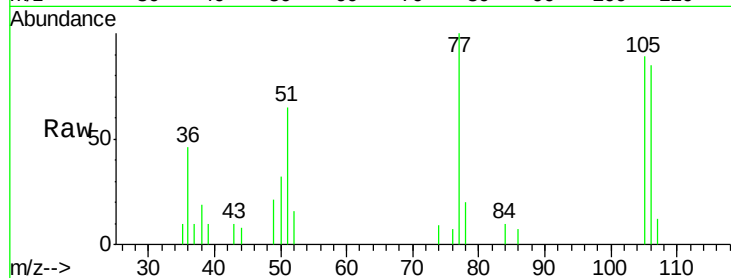
Tgt Ion: 77 Resp: 6198

Ion Ratio Lower Upper

77 100

105 89.2 66.1 106.1

106 84.7 61.9 101.9



#10

Phenol

Concen: 30.03 ng

RT: 7.08 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

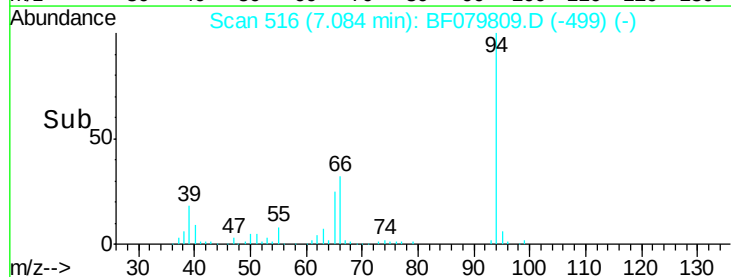
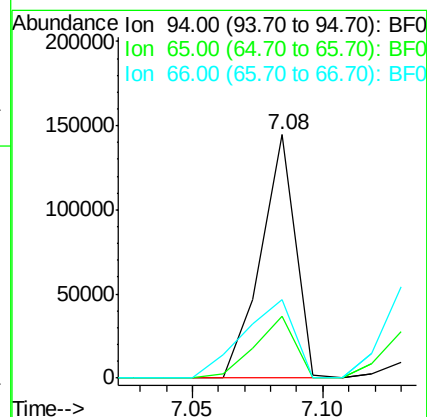
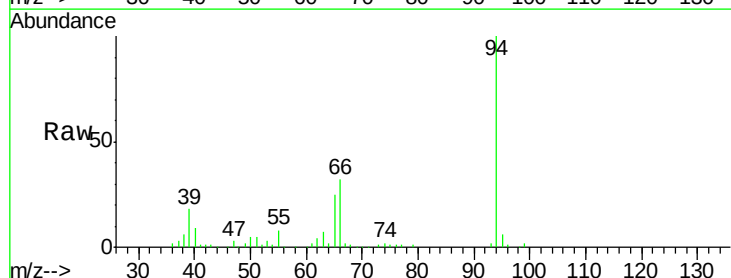
Tgt Ion: 94 Resp: 132647

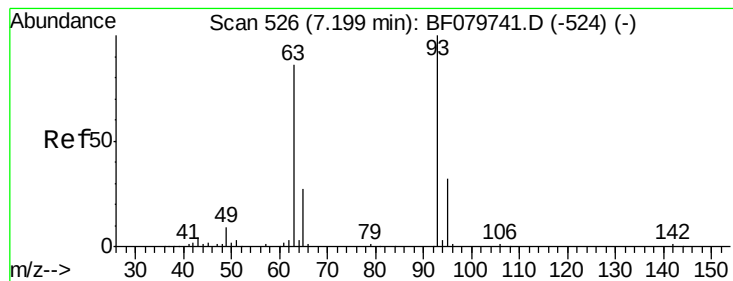
Ion Ratio Lower Upper

94 100

65 25.5 5.3 45.3

66 32.0 11.3 51.3

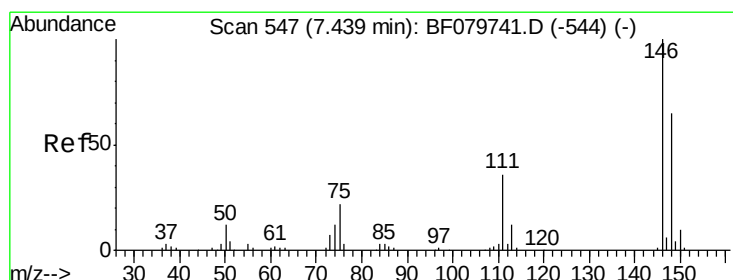
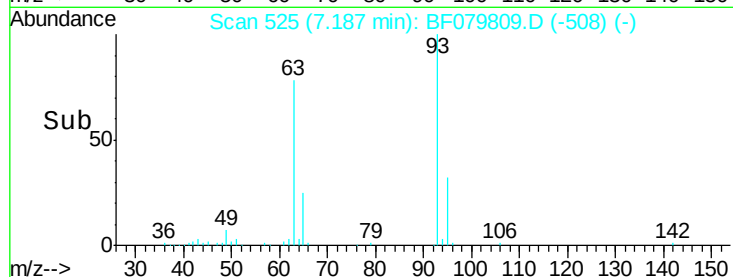
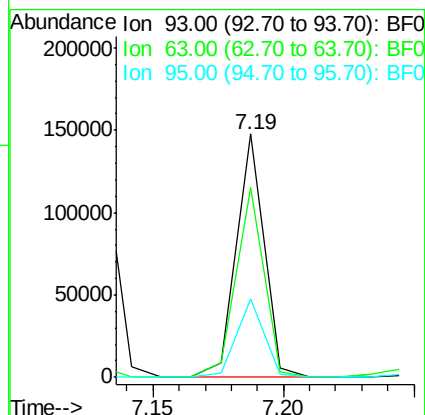
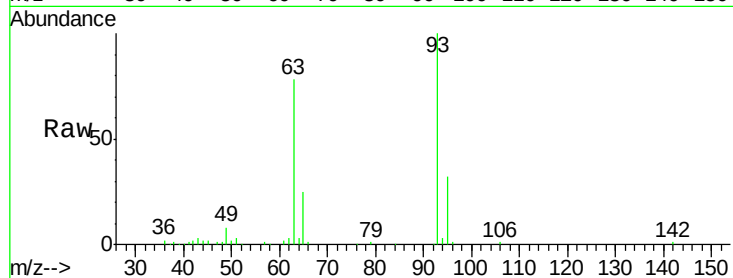




#11
bis(2-Chloroethyl)ether
Concen: 32.24 ng
RT: 7.19 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

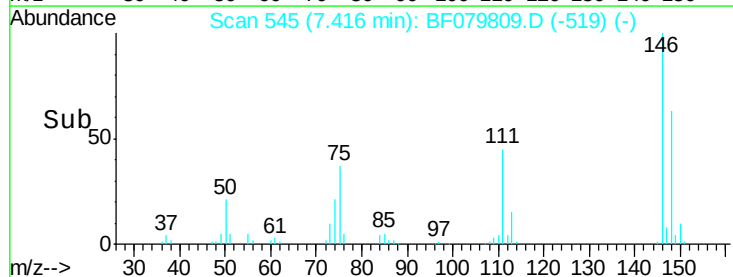
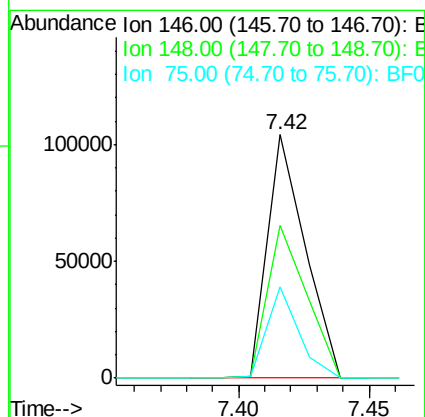
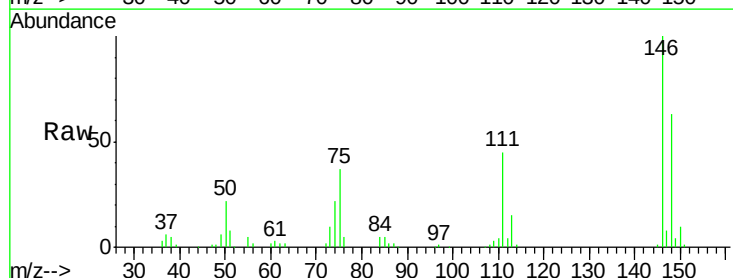
Instrument :
BNA_F
ClientSampleId :
FS-039MSD

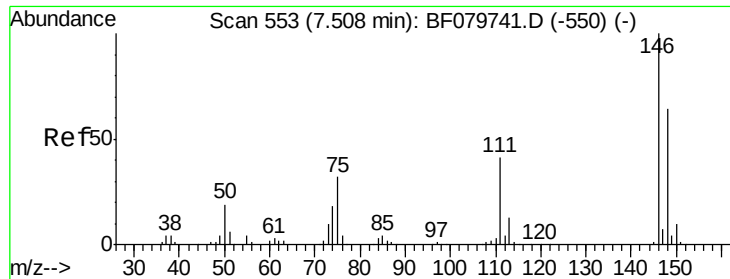
Tgt Ion: 93 Resp: 110451
Ion Ratio Lower Upper
93 100
63 78.1 58.7 98.7
95 32.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 24.76 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

Tgt Ion: 146 Resp: 105434
Ion Ratio Lower Upper
146 100
148 63.0 51.6 77.4
75 37.5 29.0 43.6

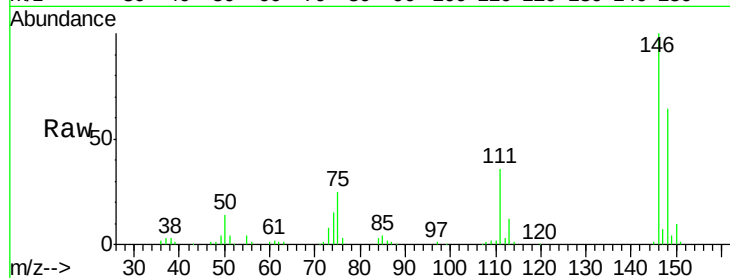




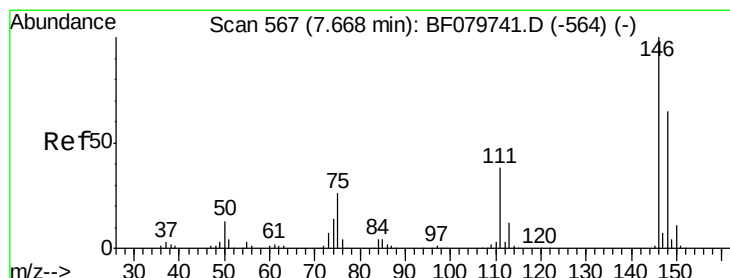
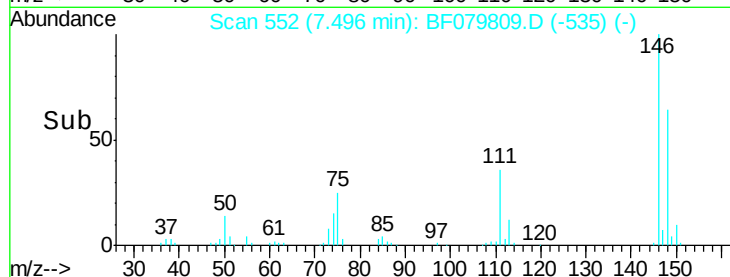
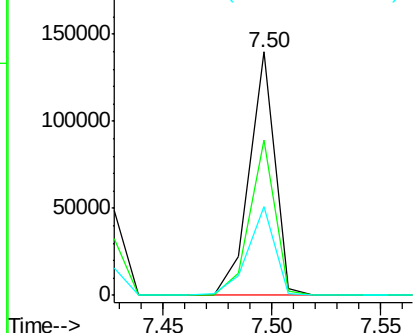
#13
 1,4-Dichlorobenzene
 Concen: 25.12 ng
 RT: 7.50 min Scan# 552
 Delta R.T. -0.00 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MSD

Tgt Ion:146 Resp: 113520
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.4 77.0
 111 36.4 30.1 45.1

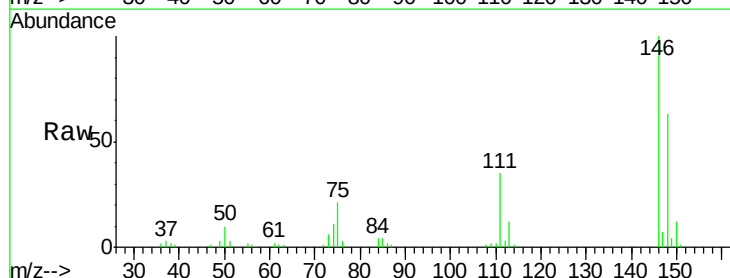


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

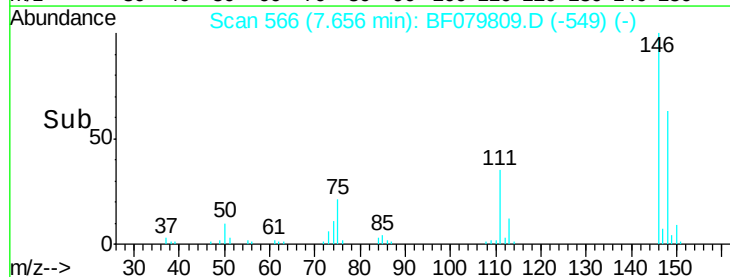
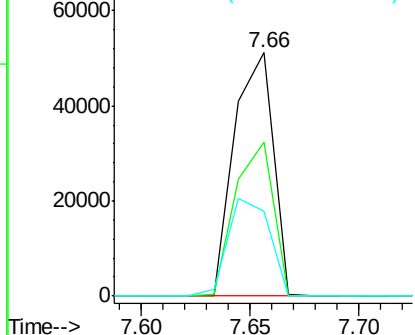


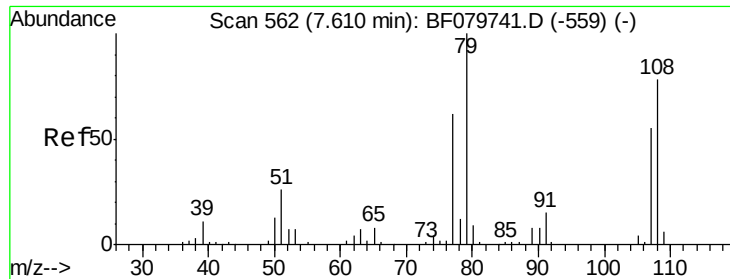
#14
 1,2-Dichlorobenzene
 Concen: 15.05 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Tgt Ion:146 Resp: 63527
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.2 78.4
 111 35.1 27.9 41.9



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





#15

Benzyl Alcohol

Concen: 16.02 ng

RT: 7.60 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Instrument :

BNA_F

ClientSampleId :

FS-039MSD

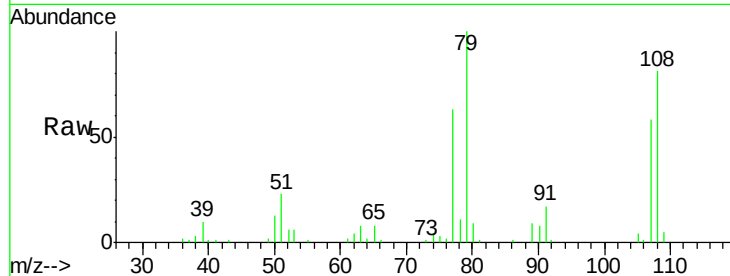
Tgt Ion: 79 Resp: 53735

Ion Ratio Lower Upper

79 100

108 80.8 68.4 102.6

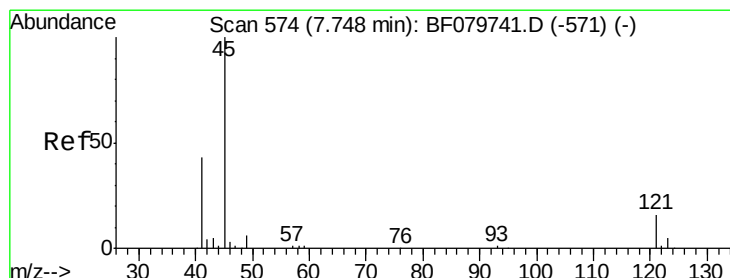
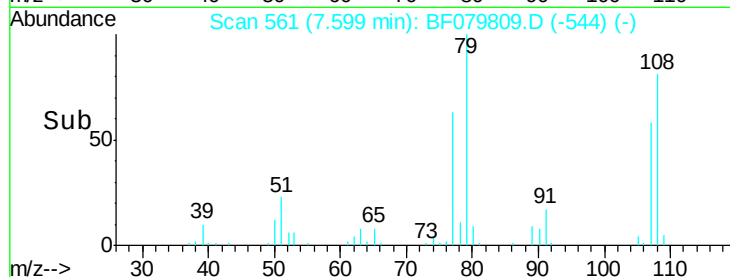
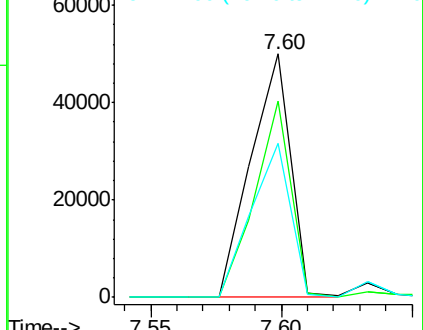
77 63.3 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 15.70 ng

RT: 7.74 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

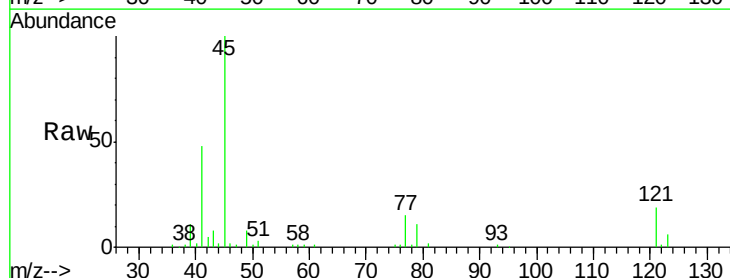
Tgt Ion: 45 Resp: 81356

Ion Ratio Lower Upper

45 100

77 14.6 0.0 32.7

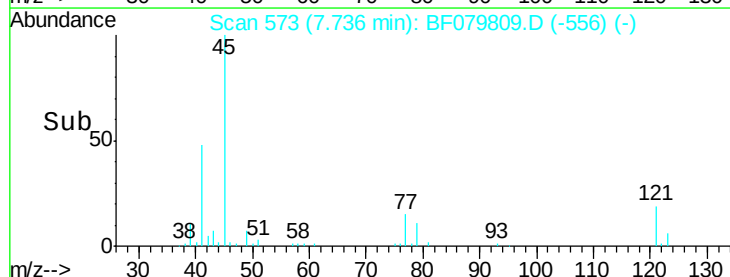
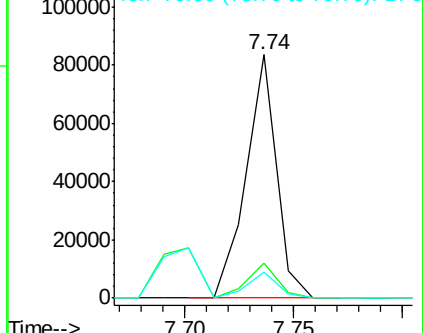
79 10.6 0.0 29.9

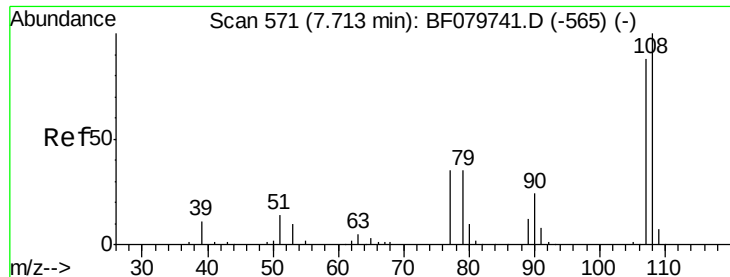


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

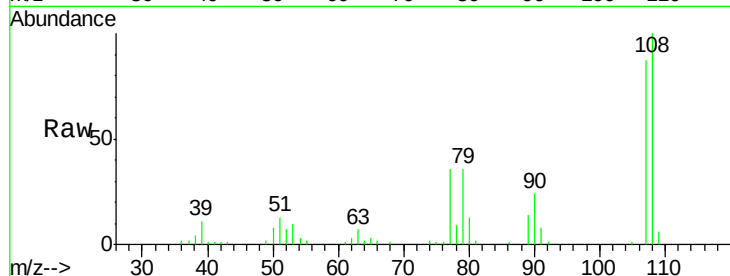




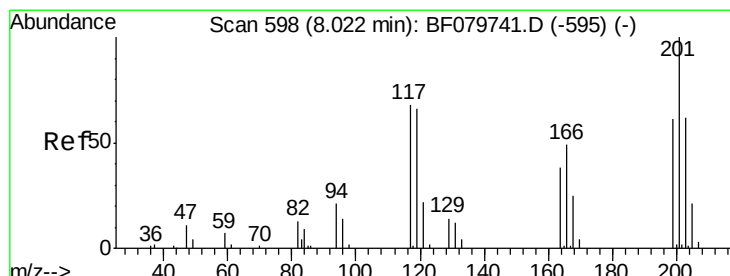
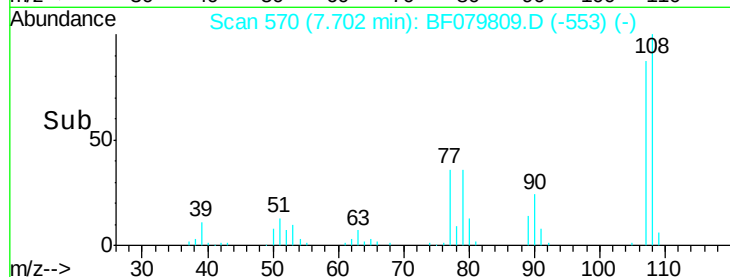
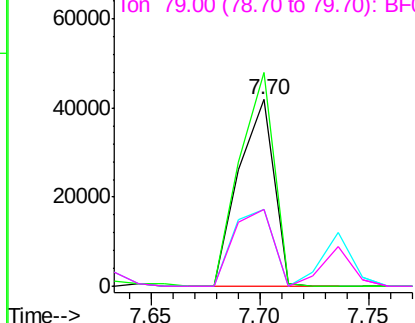
#17
2-Methylphenol
Concen: 14.86 ng
RT: 7.70 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

Instrument :
BNA_F
ClientSampleId :
FS-039MSD

Tgt Ion:107 Resp: 47138
Ion Ratio Lower Upper
107 100
108 114.6 91.8 137.8
77 41.1 31.4 47.2
79 41.2 31.3 46.9

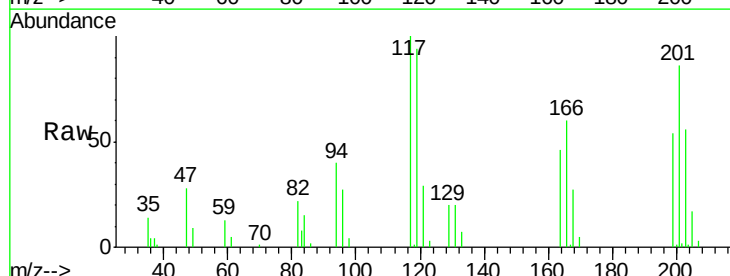


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

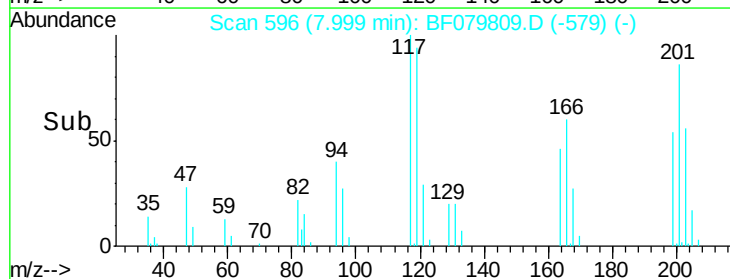
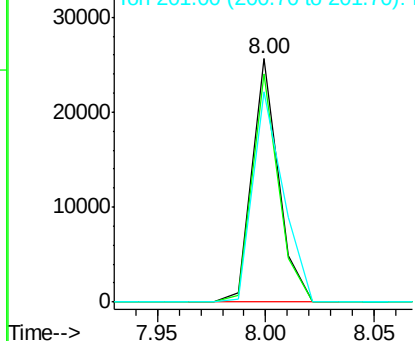


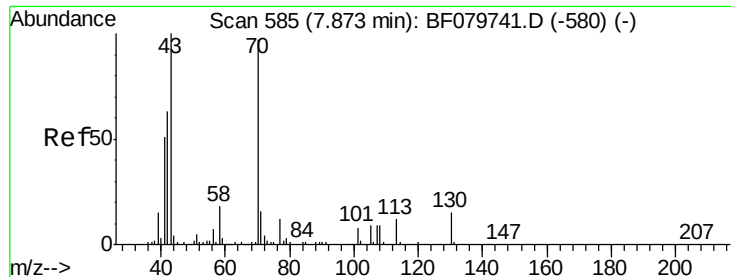
#18
Hexachloroethane
Concen: 16.45 ng
RT: 8.00 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

Tgt Ion:117 Resp: 21593
Ion Ratio Lower Upper
117 100
119 93.6 75.5 113.3
201 86.1 66.4 99.6



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

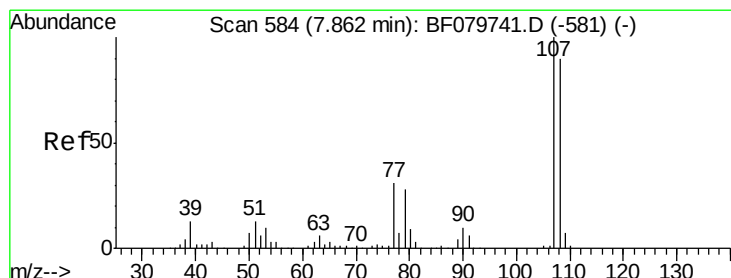
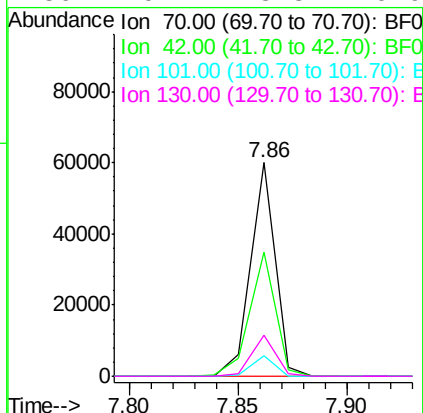
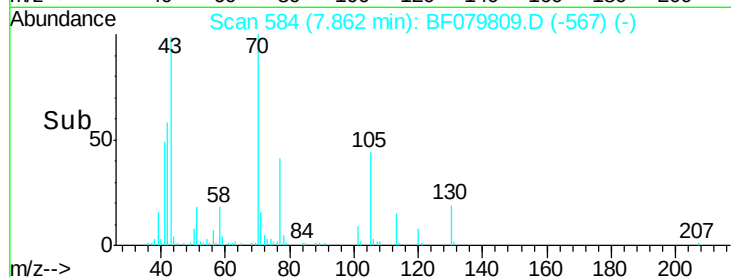
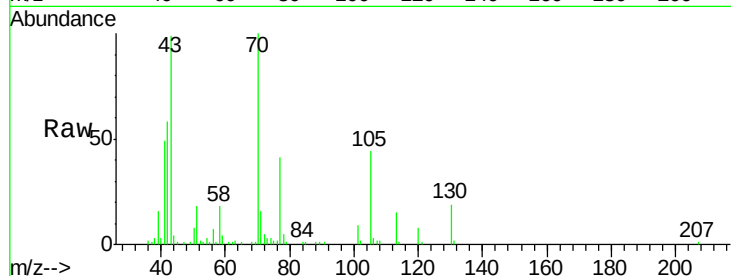




#19
n-Nitroso-di-n-propylamine
Concen: 16.76 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

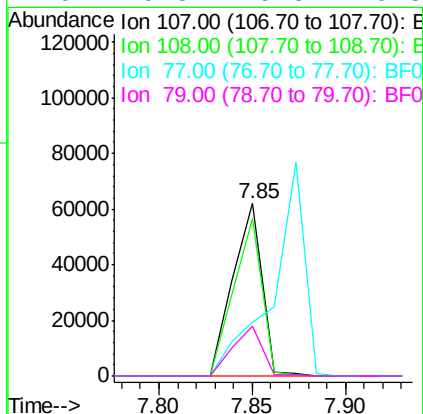
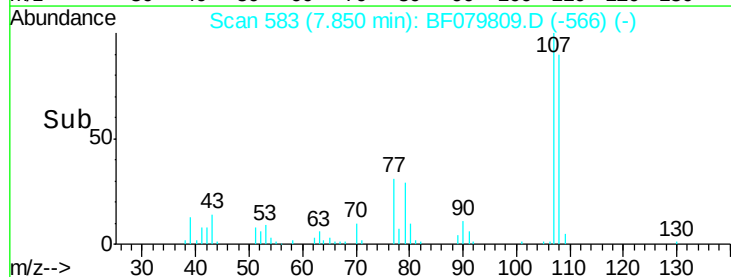
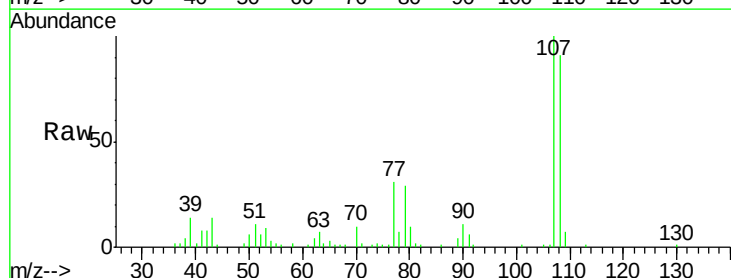
Instrument :
BNA_F
ClientSampleId :
FS-039MSD

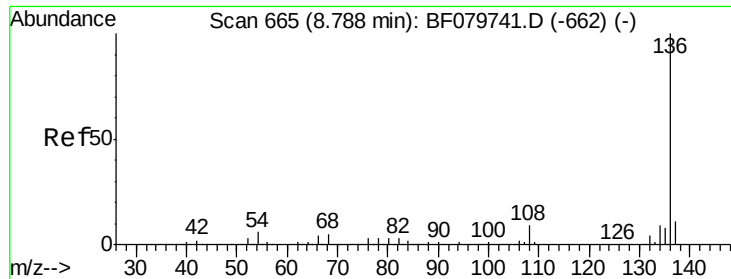
Tgt Ion: 70 Resp: 47190
Ion Ratio Lower Upper
70 100
42 57.8 51.1 76.7
101 9.4 7.0 10.6
130 19.4 13.3 19.9



#20
3+4-Methylphenols
Concen: 16.75 ng
RT: 7.85 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

Tgt Ion: 107 Resp: 67716
Ion Ratio Lower Upper
107 100
108 91.1 75.2 115.2
77 31.2 10.3 50.3
79 29.3 9.3 49.3

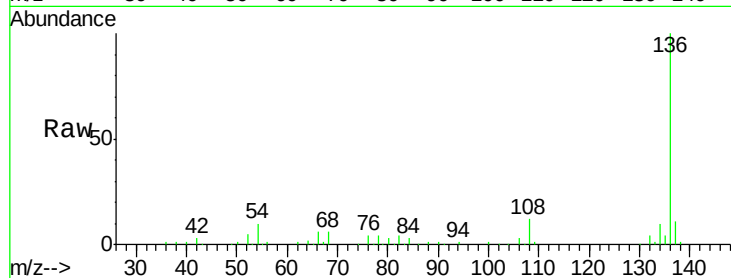




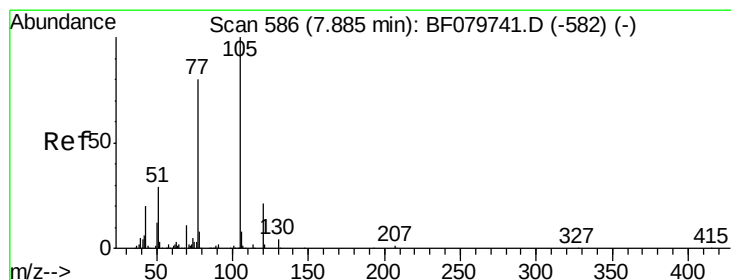
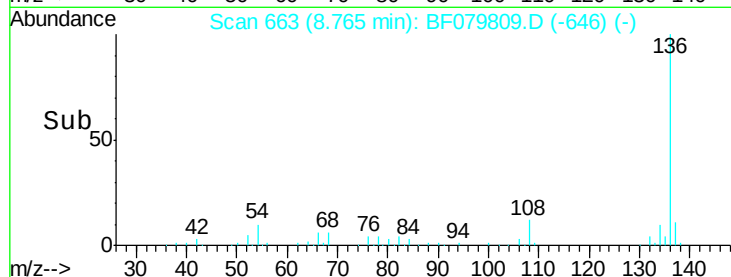
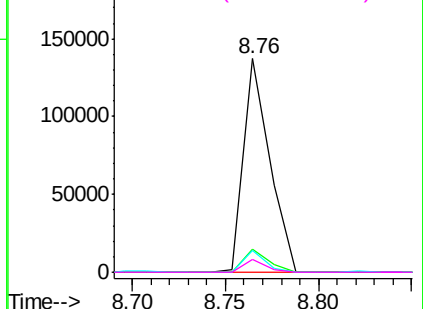
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.76 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

Instrument :
BNA_F
ClientSampleId :
FS-039MSD

Tgt Ion:	136	Resp:	133866
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.9	8.7	13.1
68	6.0	5.8	8.8

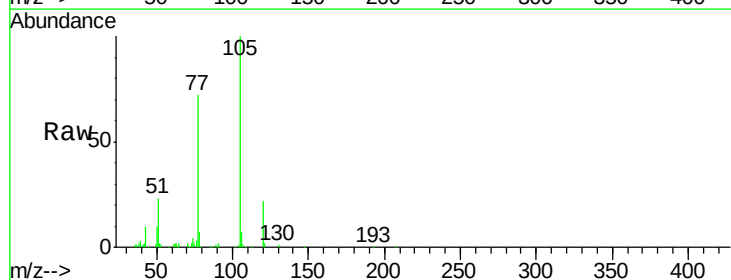


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

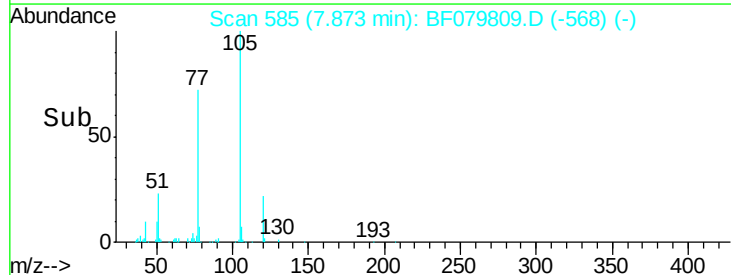
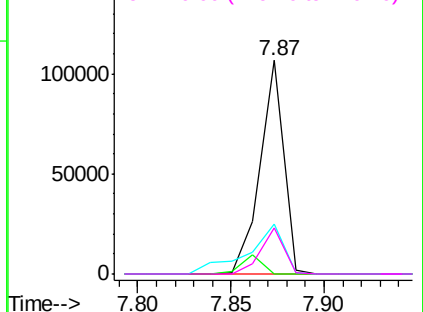


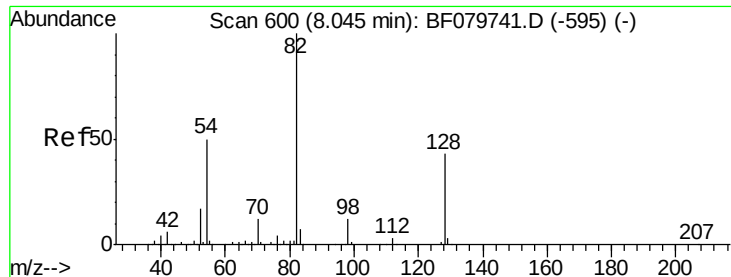
#22
Acetophenone
Concen: 29.08 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.00 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

Tgt Ion:	105	Resp:	92849
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.9	1.3#
51	23.3	21.3	31.9
120	21.6	17.1	25.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

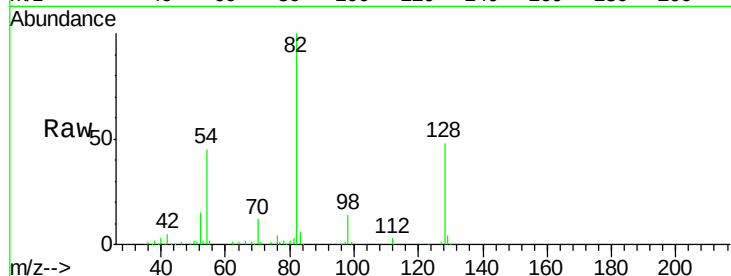




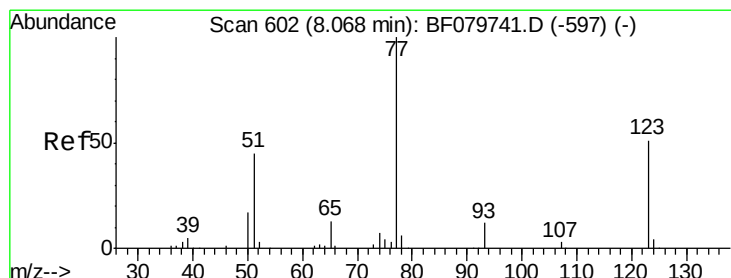
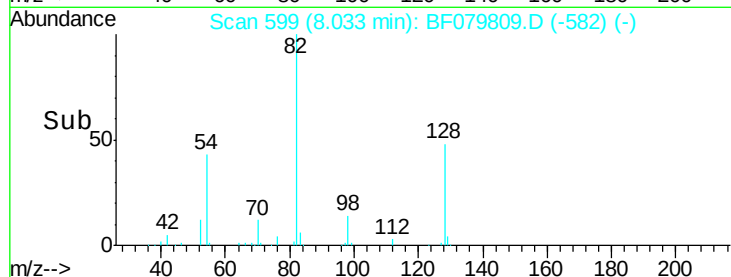
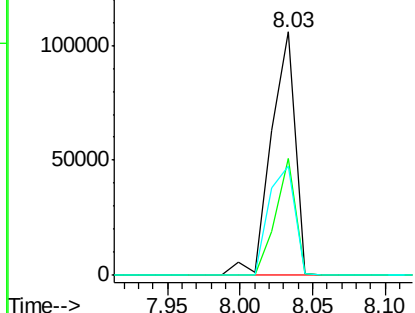
#23
 Nitrobenzene-d5
 Concen: 55.70 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.6	56.4
54	44.7	39.4	59.2

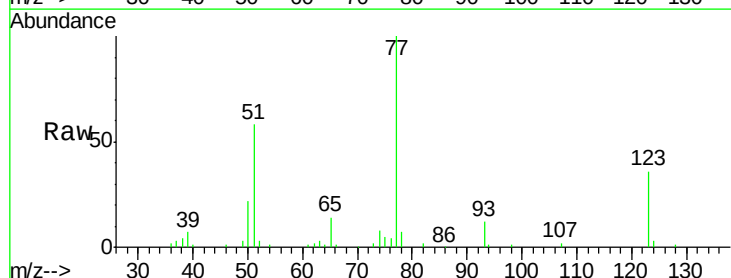


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

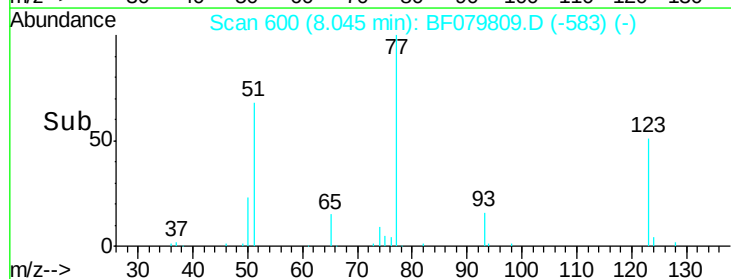
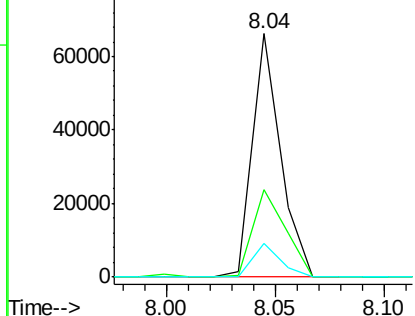


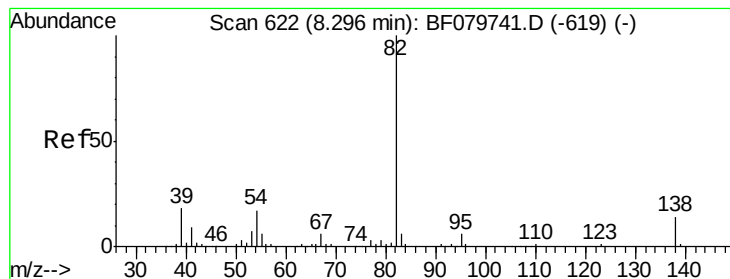
#24
 Nitrobenzene
 Concen: 27.37 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.8	28.1	42.1
65	13.6	10.9	16.3



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





#25

Isophorone

Concen: 29.27 ng

RT: 8.28 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Instrument :

BNA_F

ClientSampled :

FS-039MSD

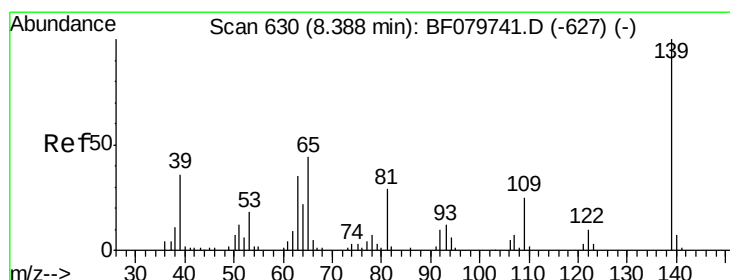
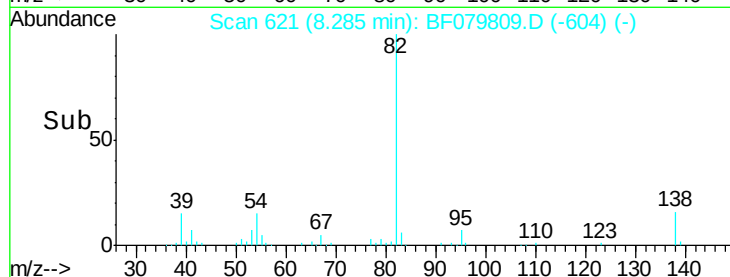
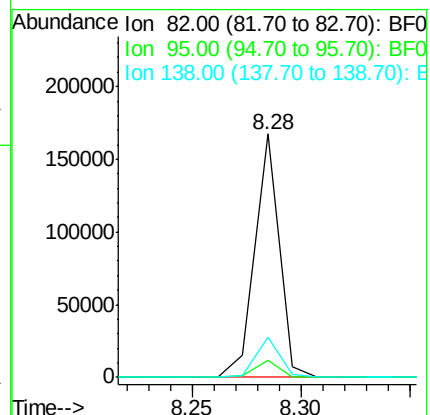
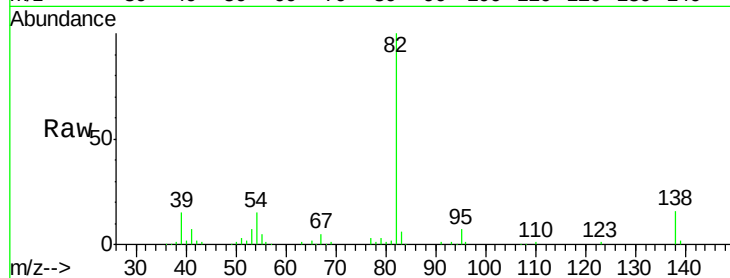
Tgt Ion: 82 Resp: 130260

Ion Ratio Lower Upper

82 100

95 7.2 5.3 7.9

138 16.3 13.0 19.4



#26

2-Nitrophenol

Concen: 22.62 ng

RT: 8.38 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

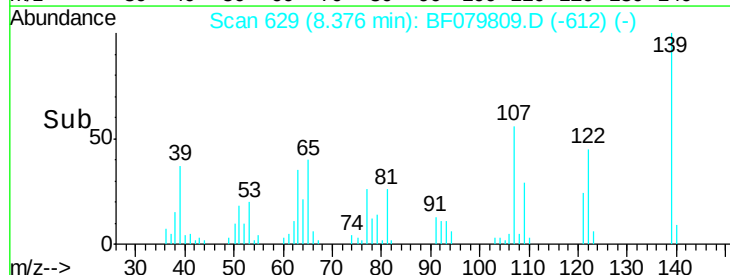
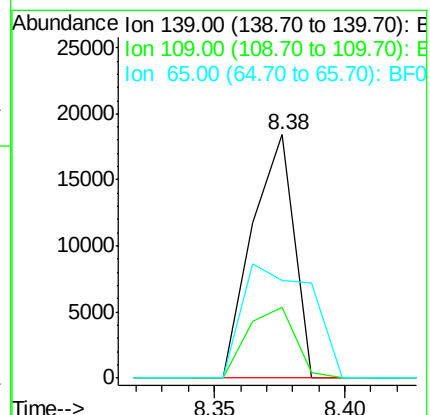
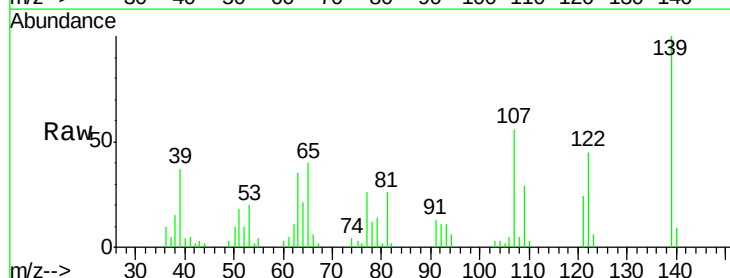
Tgt Ion: 139 Resp: 20721

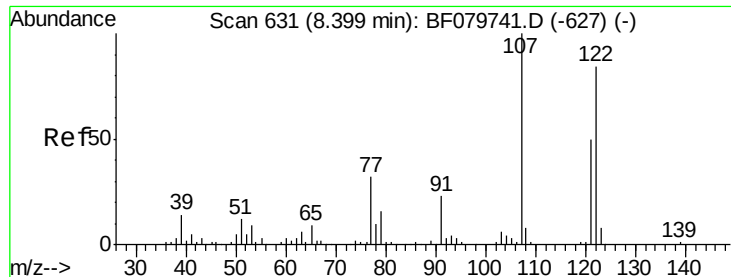
Ion Ratio Lower Upper

139 100

109 28.9 17.5 26.3#

65 40.4 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 28.83 ng

RT: 8.39 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Instrument :

BNA_F

ClientSampleId :

FS-039MSD

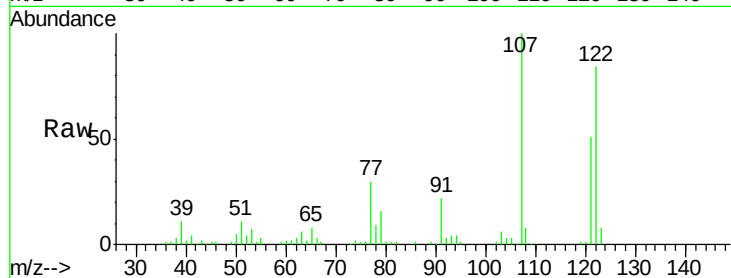
Tgt Ion:122 Resp: 59425

Ion Ratio Lower Upper

122 100

107 119.4 88.5 132.7

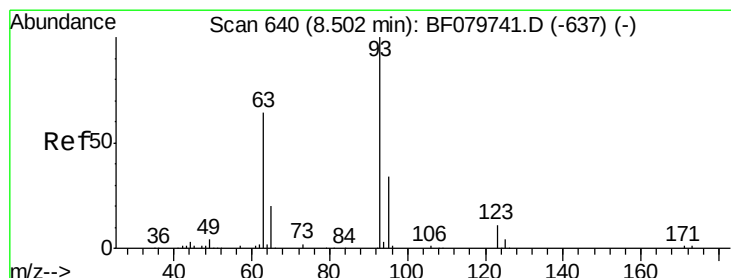
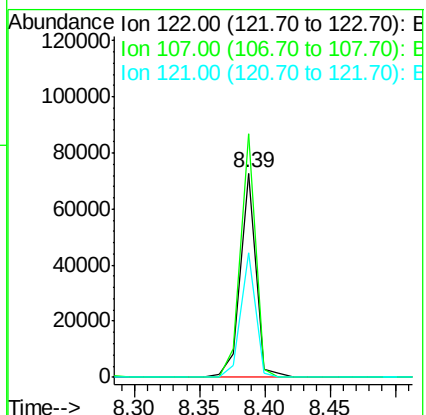
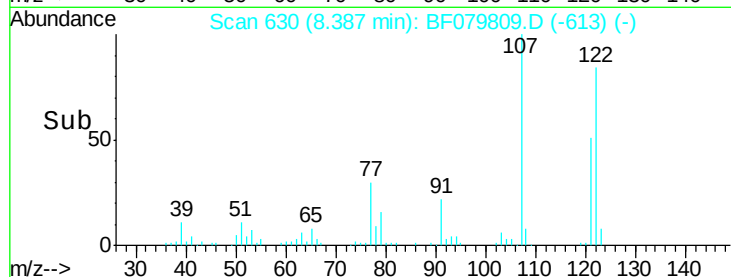
121 61.1 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 23.68 ng

RT: 8.49 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

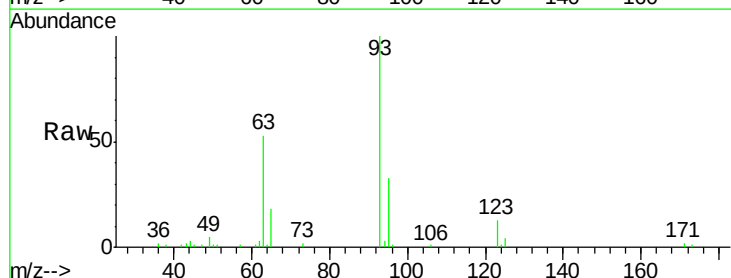
Tgt Ion: 93 Resp: 65124

Ion Ratio Lower Upper

93 100

95 32.8 25.5 38.3

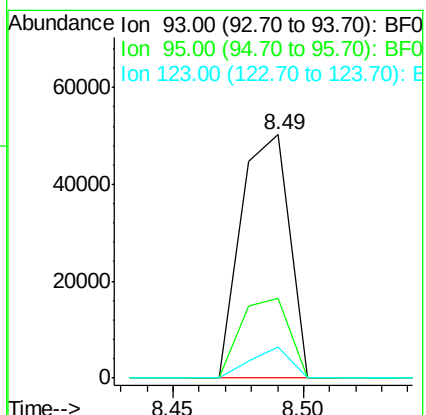
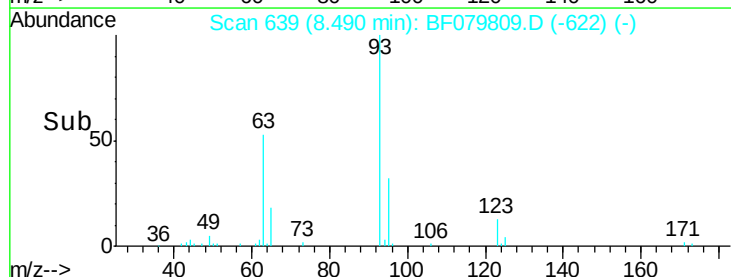
123 12.6 7.3 10.9#

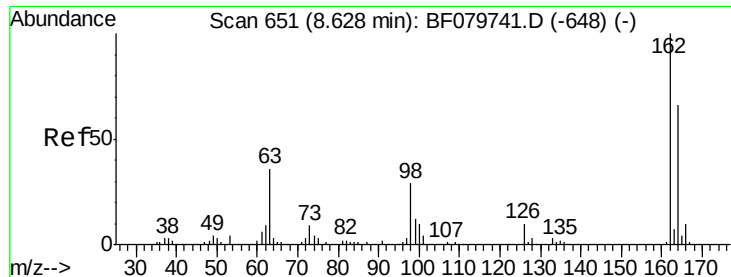


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

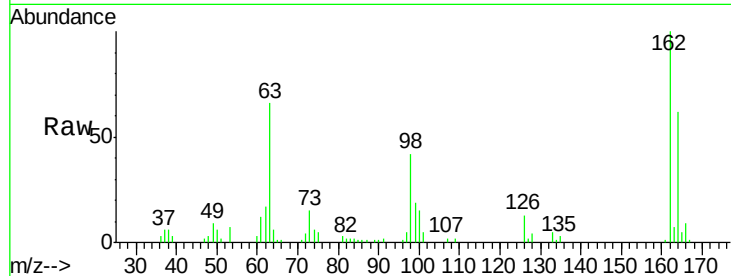




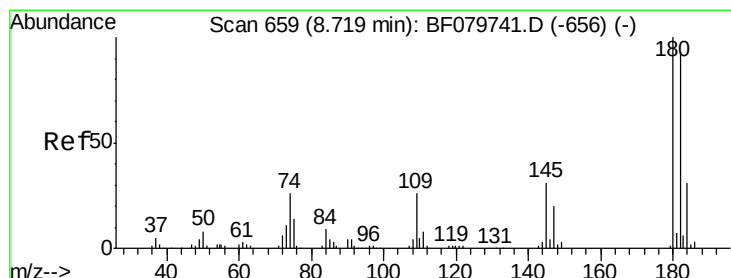
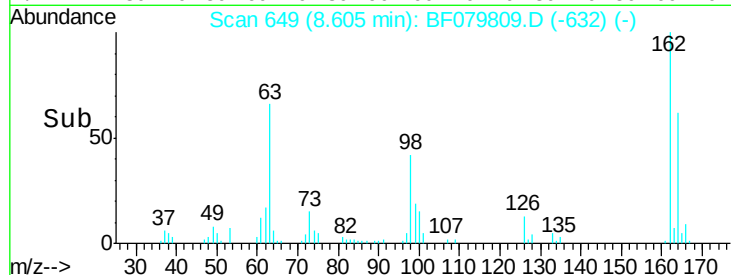
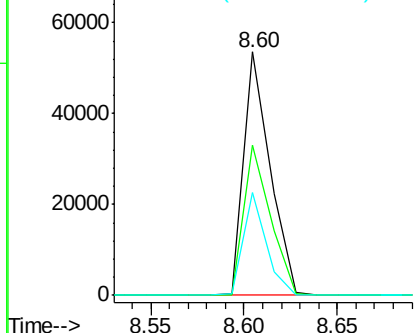
#29
 2,4-Dichlorophenol
 Concen: 28.51 ng
 RT: 8.60 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MSD

Tgt Ion:162 Resp: 52717
 Ion Ratio Lower Upper
 162 100
 164 61.7 42.8 82.8
 98 42.2 23.2 63.2

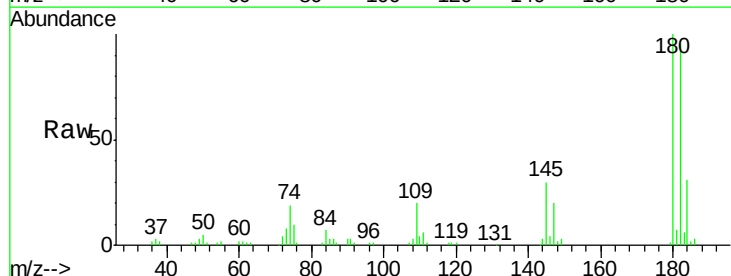


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

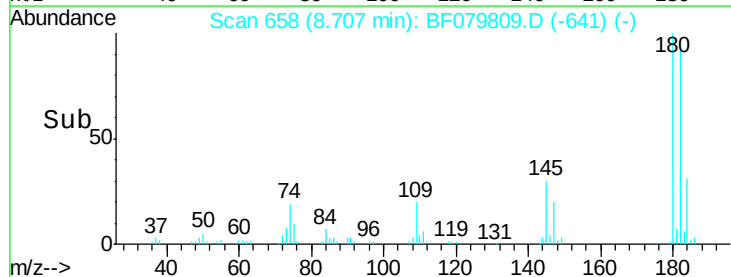
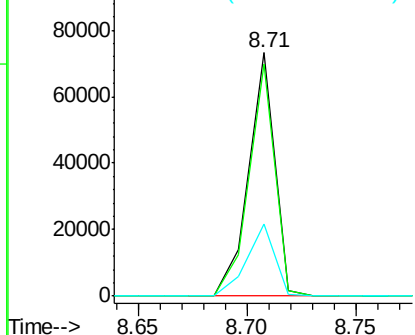


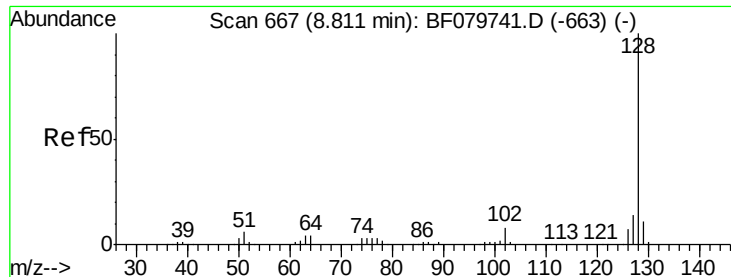
#30
 1,2,4-Trichlorobenzene
 Concen: 27.15 ng
 RT: 8.71 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Tgt Ion:180 Resp: 60975
 Ion Ratio Lower Upper
 180 100
 182 95.1 78.4 117.6
 145 29.5 22.3 33.5



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

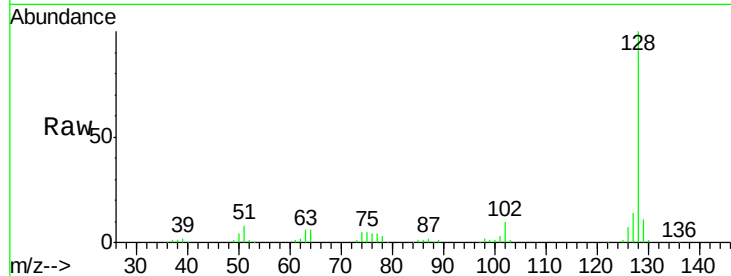




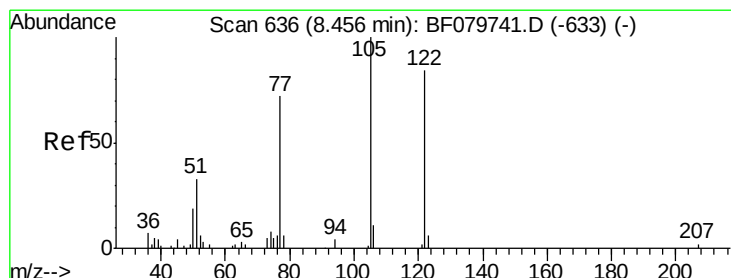
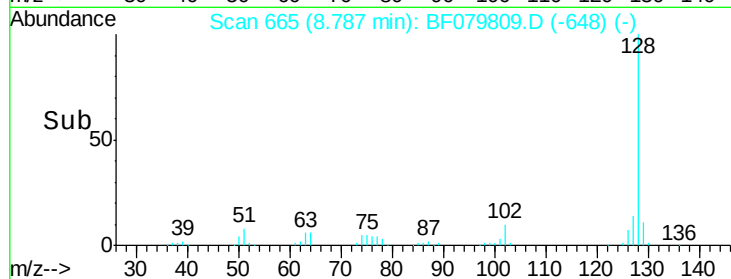
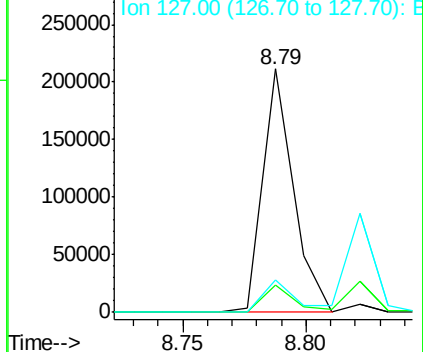
#31
Naphthalene
Concen: 25.94 ng m
RT: 8.79 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

Instrument :
BNA_F
ClientSampled :
FS-039MSD

Tgt Ion:128 Resp: 182142
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 13.6 10.7 16.1

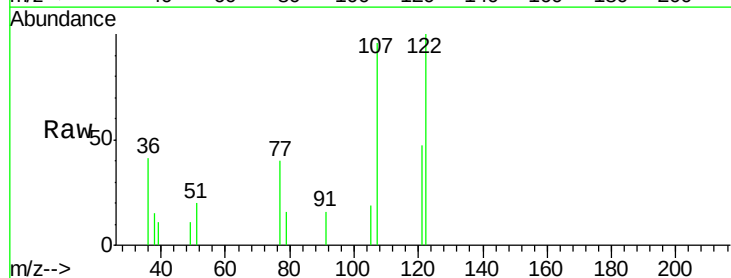


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

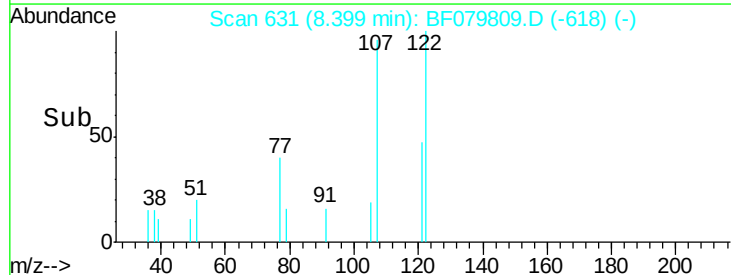
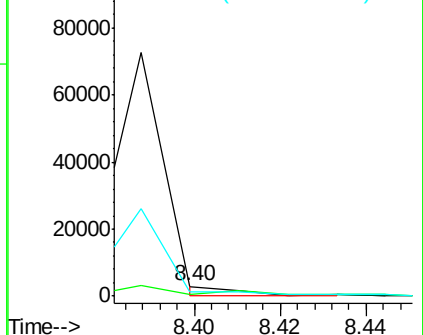


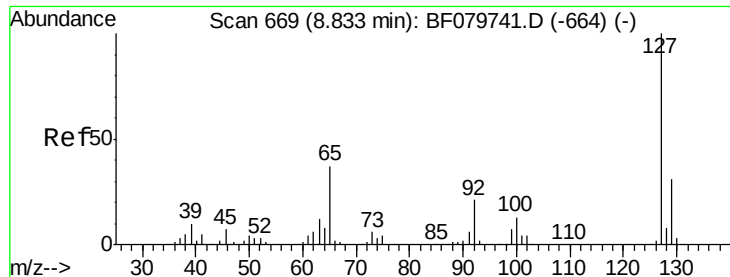
#32
Benzoic acid
Concen: 5.77 ng m
RT: 8.40 min Scan# 631
Delta R.T. -0.05 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

Tgt Ion:122 Resp: 1331
Ion Ratio Lower Upper
122 100
105 19.1 106.7 146.7#
77 39.9 68.9 108.9#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

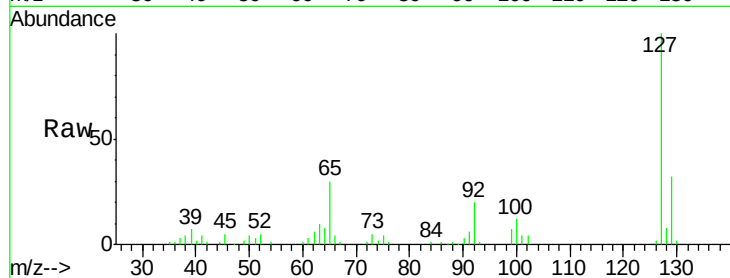




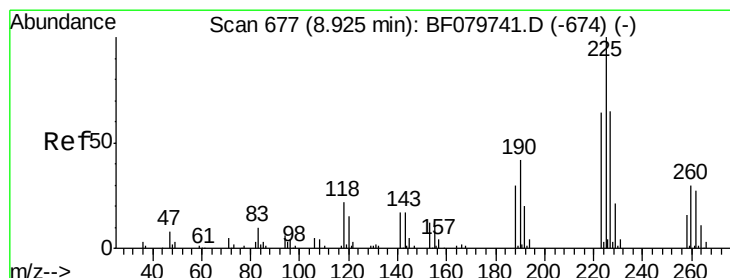
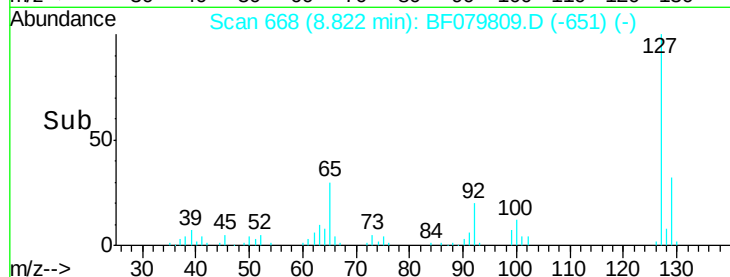
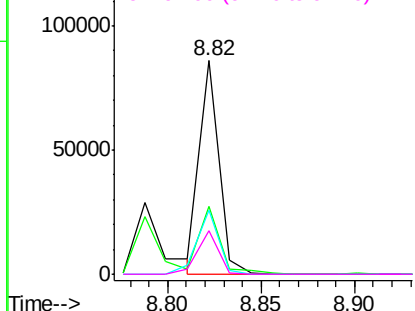
#33
4-Chloroaniline
Concen: 17.76 ng m
RT: 8.82 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

Instrument :
BNA_F
ClientSampleId :
FS-039MSD

Tgt Ion:	127	Resp:	63373
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.8	40.2
65	30.2	22.9	34.3
92	20.3	15.2	22.8

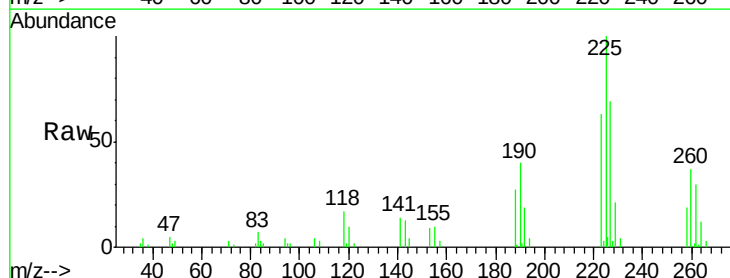


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

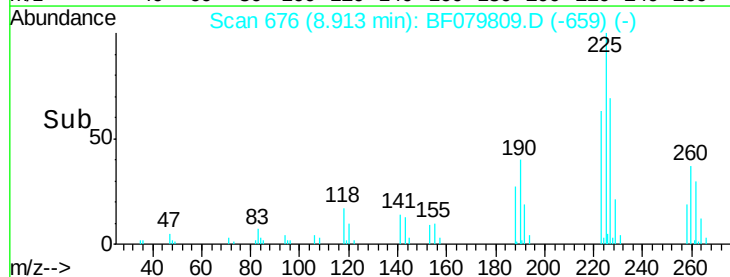
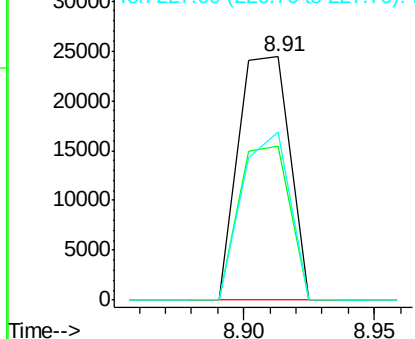


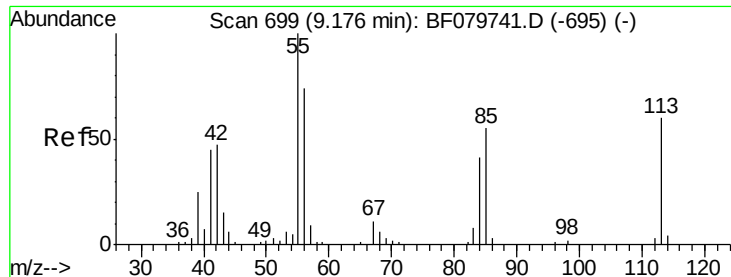
#34
Hexachlorobutadiene
Concen: 24.36 ng
RT: 8.91 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

Tgt Ion:	225	Resp:	33276
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.9	77.9
227	69.1	52.0	78.0



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

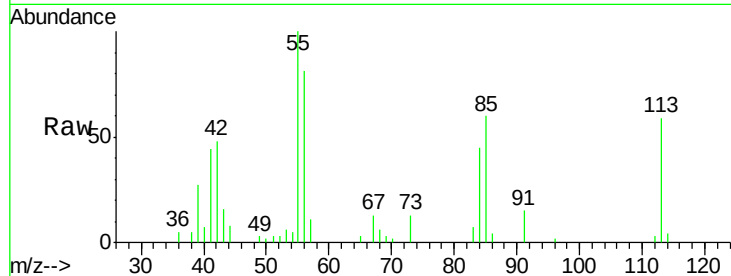




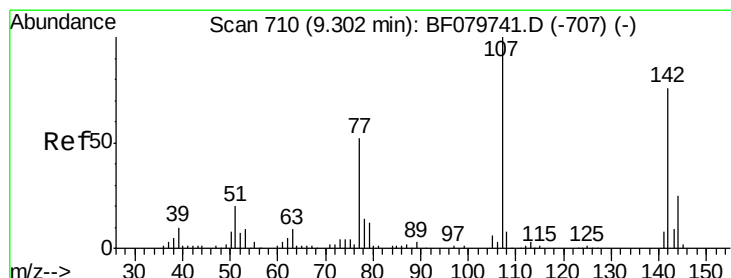
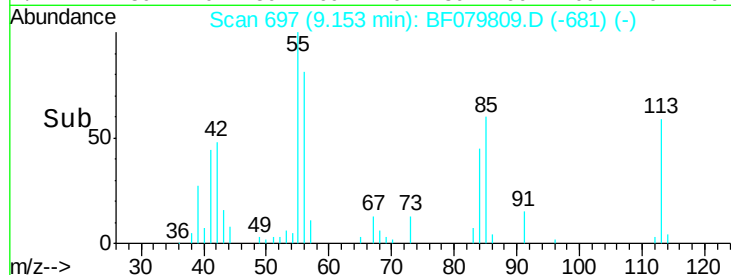
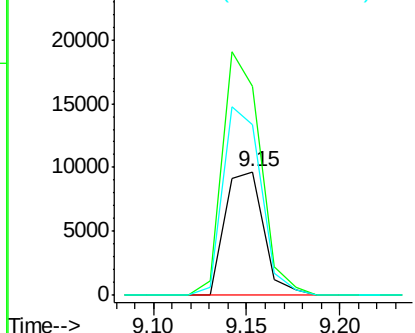
#35
 Caprolactam
 Concen: 24.94 ng
 RT: 9.15 min Scan# 697
 Delta R.T. -0.01 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MSD

Tgt Ion:113 Resp: 14045
 Ion Ratio Lower Upper
 113 100
 55 169.0 186.6 226.6#
 56 137.5 137.8 177.8#

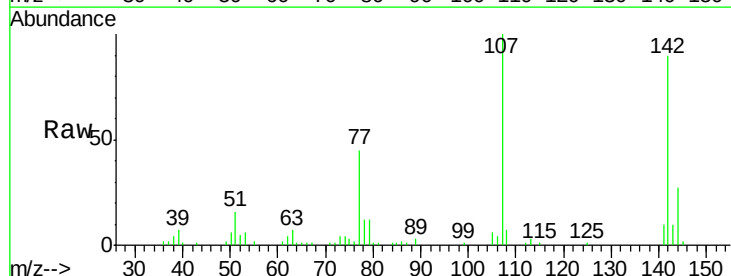


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

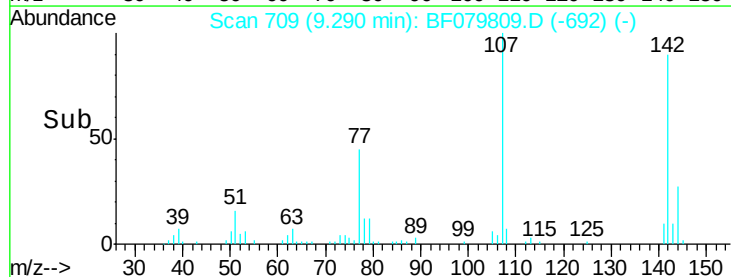
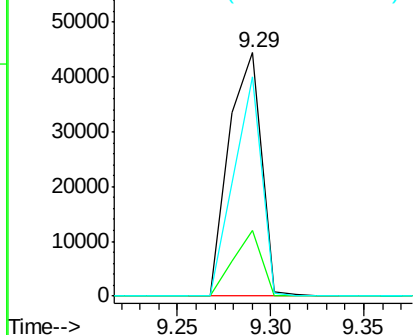


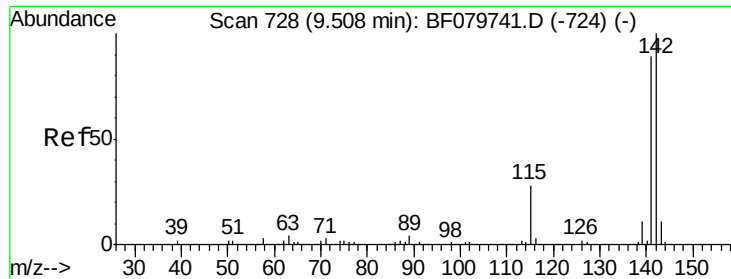
#36
 4-Chloro-3-methylphenol
 Concen: 26.29 ng
 RT: 9.29 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Tgt Ion:107 Resp: 54321
 Ion Ratio Lower Upper
 107 100
 144 26.8 24.5 36.7
 142 89.9 74.6 112.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

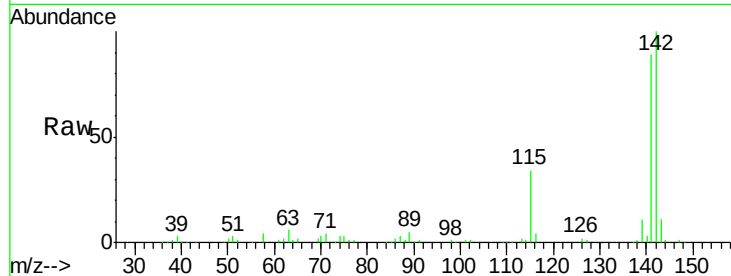




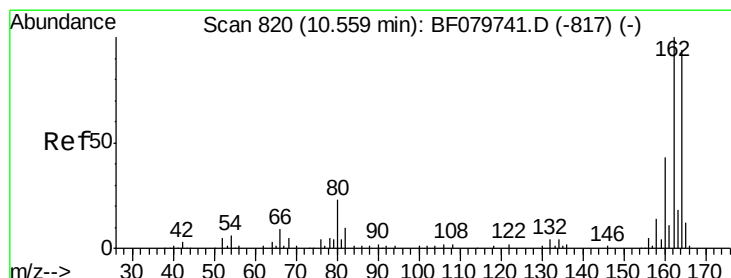
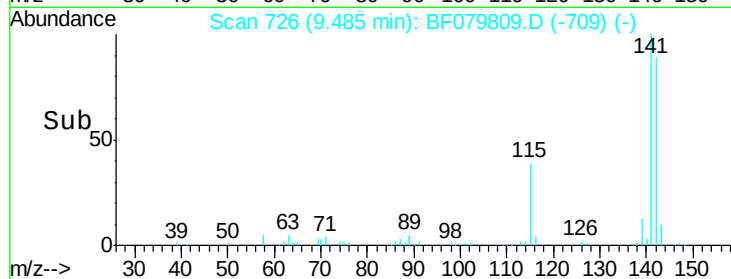
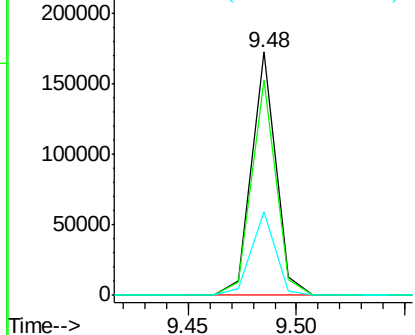
#37
 2-Methylnaphthalene
 Concen: 30.03 ng
 RT: 9.48 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MSD

Tgt Ion:142 Resp: 134066
 Ion Ratio Lower Upper
 142 100
 141 88.6 72.8 109.2
 115 34.1 26.9 40.3

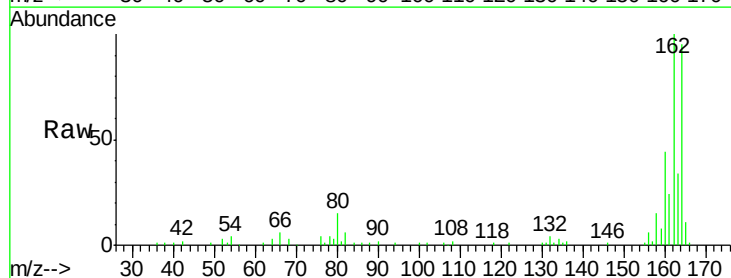


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

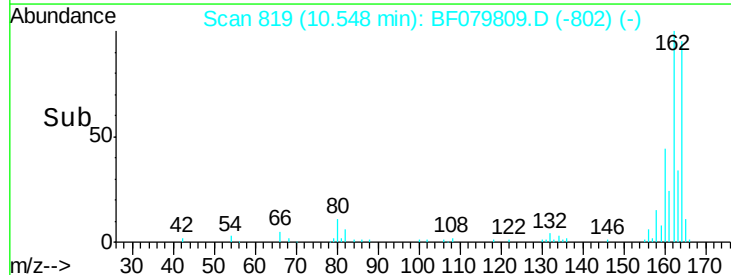
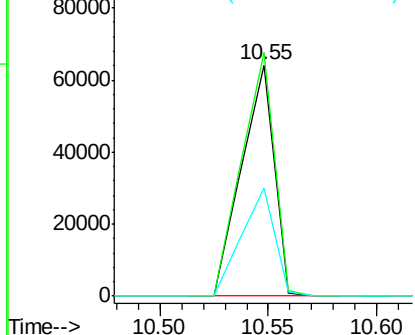


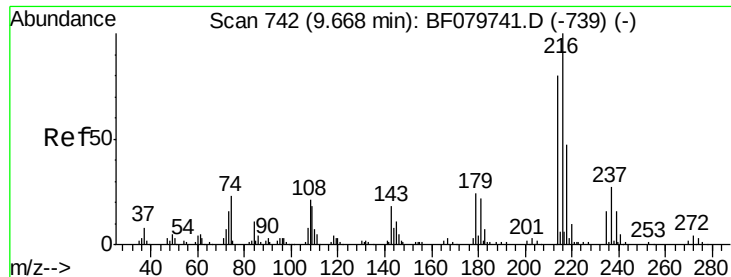
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.55 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Tgt Ion:164 Resp: 66675
 Ion Ratio Lower Upper
 164 100
 162 105.5 82.6 123.8
 160 46.6 36.8 55.2



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

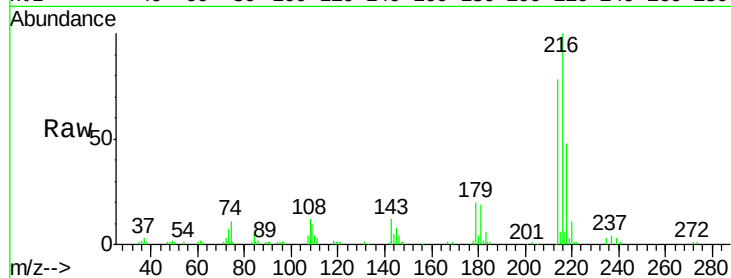




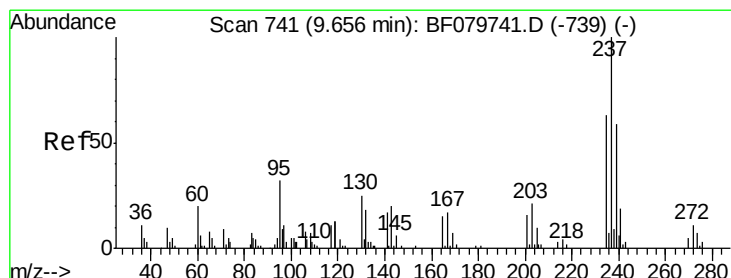
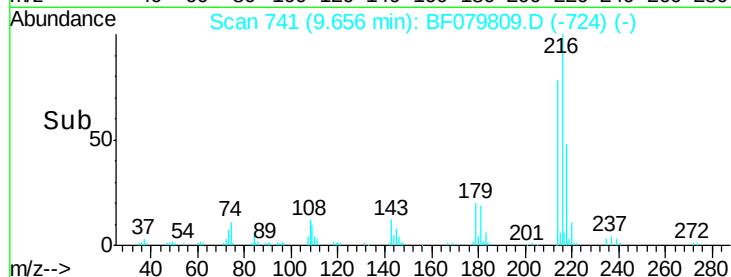
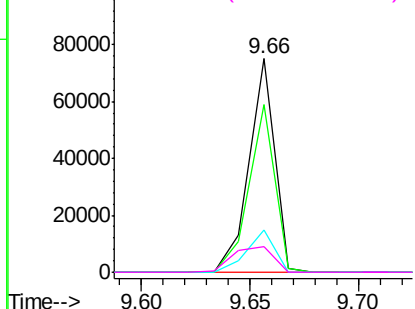
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.57 ng
 RT: 9.66 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MSD

Tgt Ion:	216	Resp:	61399
Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.2	93.4
179	21.3	16.6	24.8
108	19.1	13.4	20.0

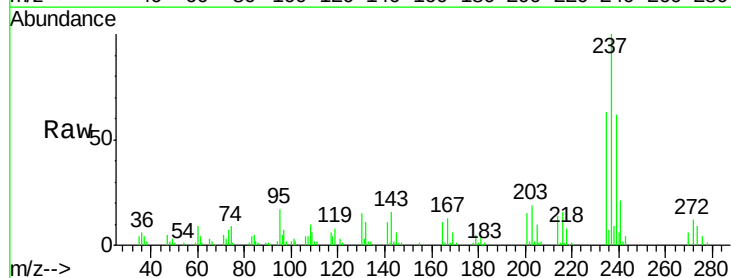


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

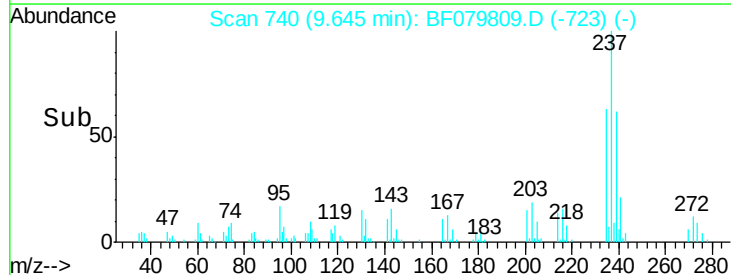
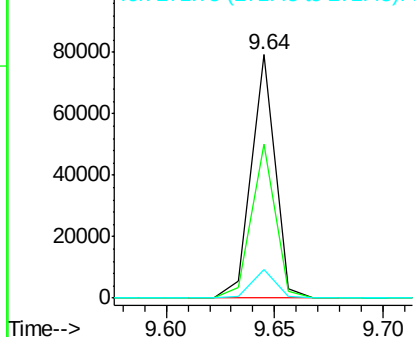


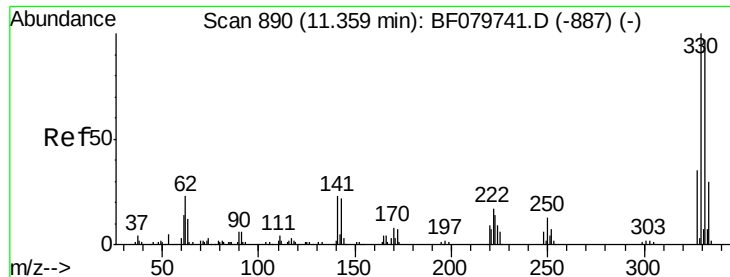
#40
 Hexachlorocyclopentadiene
 Concen: 67.51 ng
 RT: 9.64 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Tgt Ion:	237	Resp:	60271
Ion	Ratio	Lower	Upper
237	100		
235	63.2	41.9	81.9
272	11.8	0.0	32.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

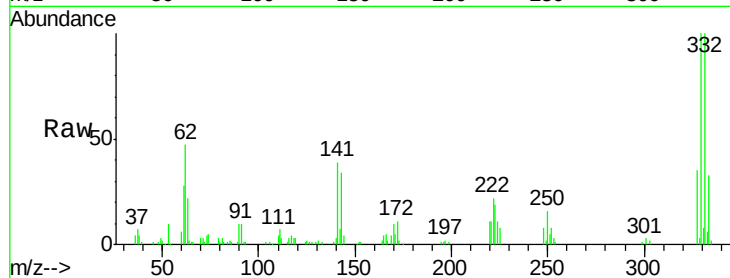




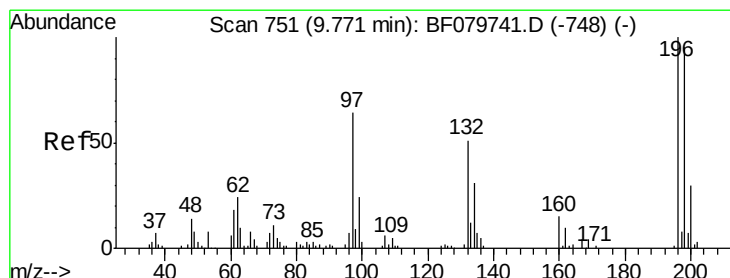
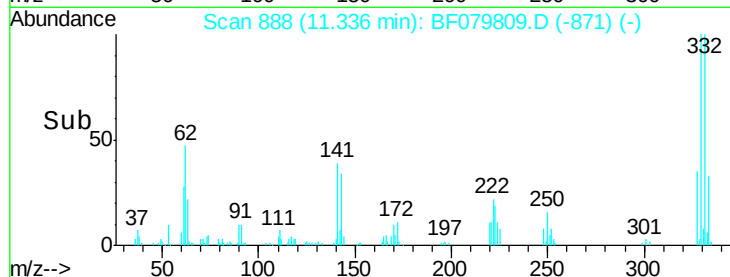
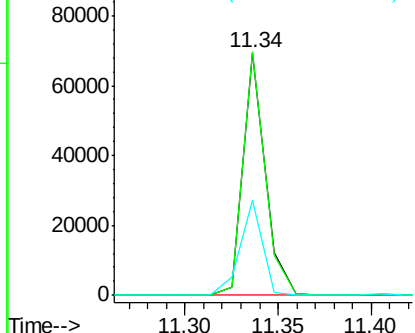
#41
 2,4,6-Tribromophenol
 Concen: 90.67 ng
 RT: 11.34 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MSD

Tgt Ion:330 Resp: 57823
 Ion Ratio Lower Upper
 330 100
 332 99.7 77.4 116.0
 141 39.7 30.2 45.2

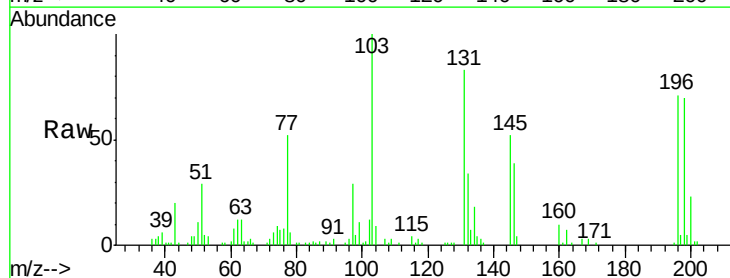


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

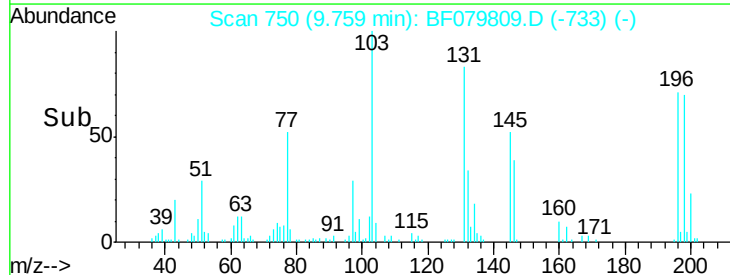
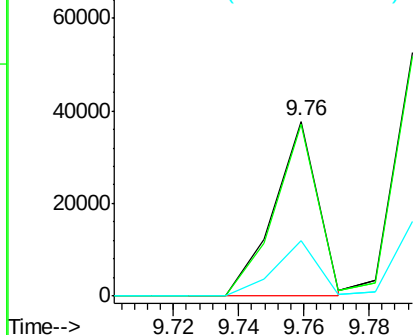


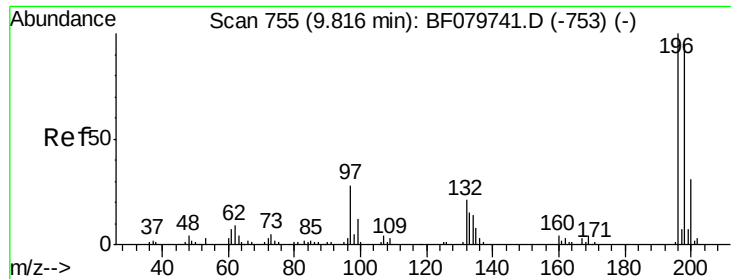
#42
 2,4,6-Trichlorophenol
 Concen: 25.34 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Tgt Ion:196 Resp: 35000
 Ion Ratio Lower Upper
 196 100
 198 98.3 76.8 115.2
 200 31.9 24.5 36.7



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

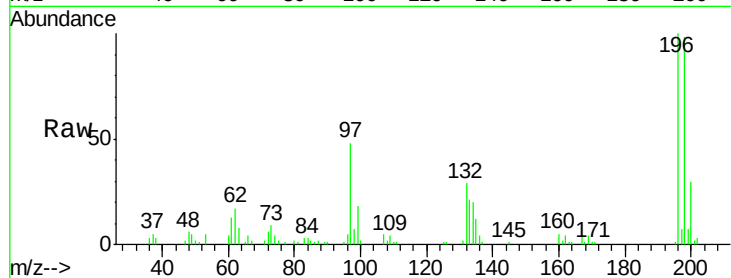




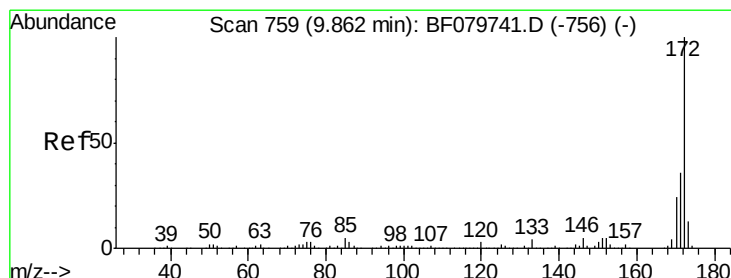
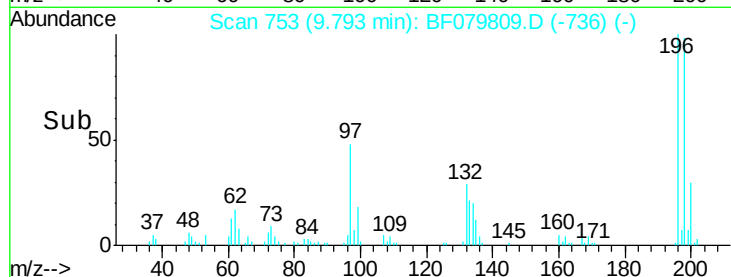
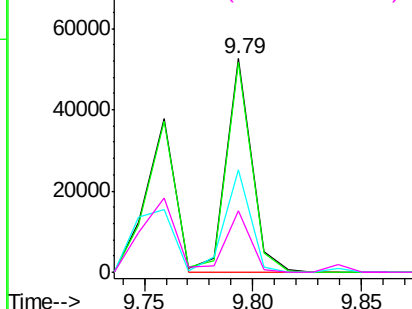
#43
 2,4,5-Trichlorophenol
 Concen: 29.07 ng
 RT: 9.79 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MSD

Tgt Ion:	196	Resp:	42245
Ion	Ratio	Lower	Upper
196	100		
198	98.2	76.9	115.3
97	48.2	38.9	58.3
132	28.8	23.9	35.9

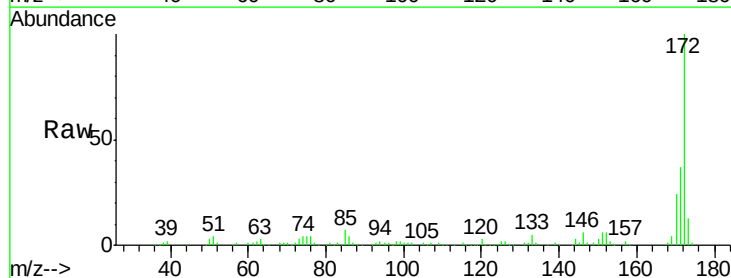


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

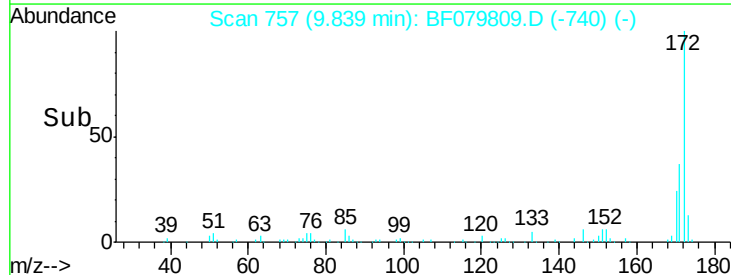
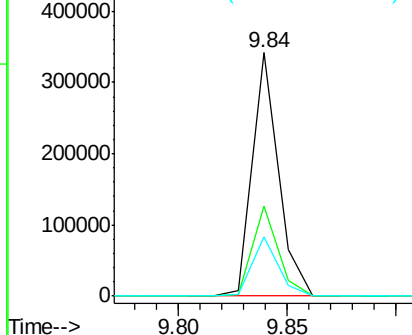


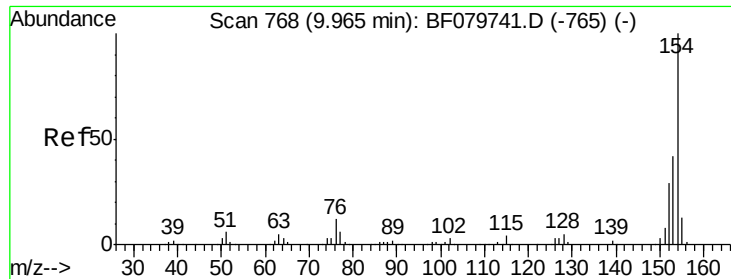
#44
 2-Fluorobiphenyl
 Concen: 57.79 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Tgt Ion:	172	Resp:	284418
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.2	19.7	29.5



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

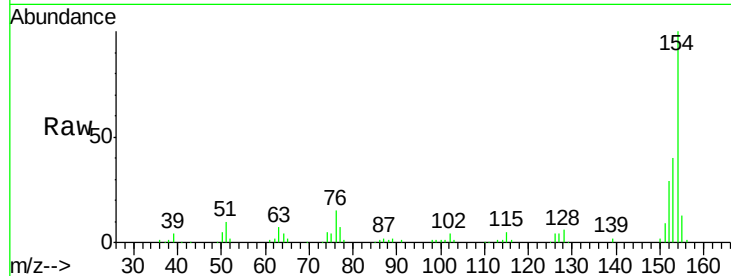




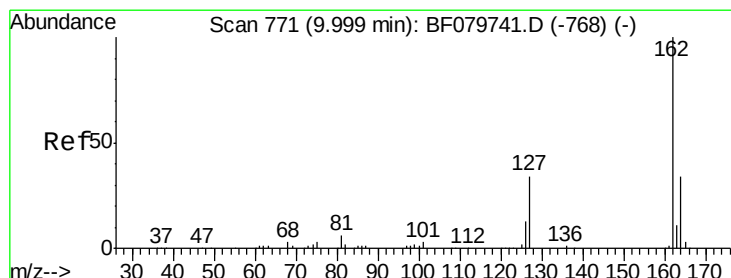
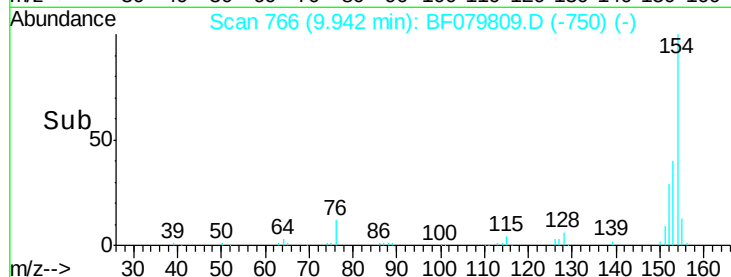
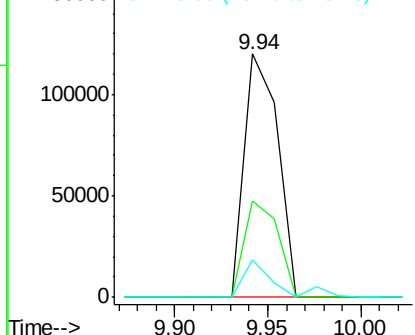
#45
 1,1'-Biphenyl
 Concen: 25.67 ng
 RT: 9.94 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MSD

Tgt Ion:154 Resp: 148876
 Ion Ratio Lower Upper
 154 100
 153 39.6 19.9 59.9
 76 15.3 0.0 28.2

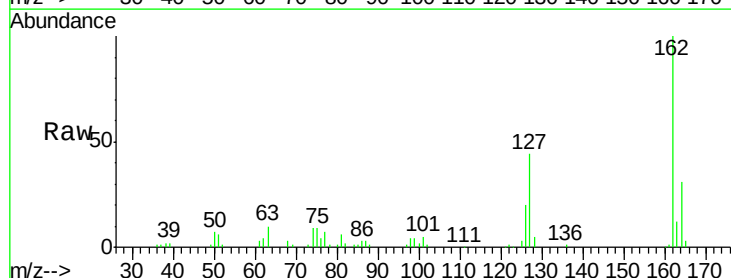


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

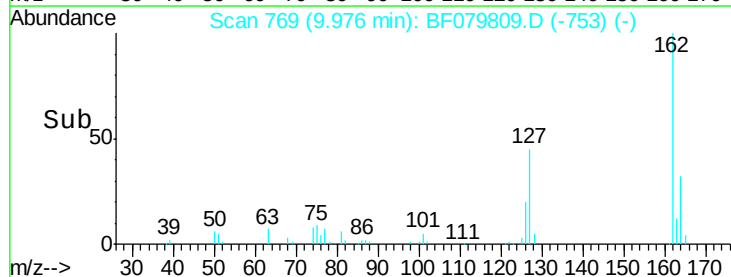
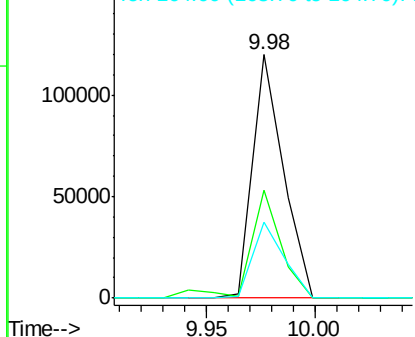


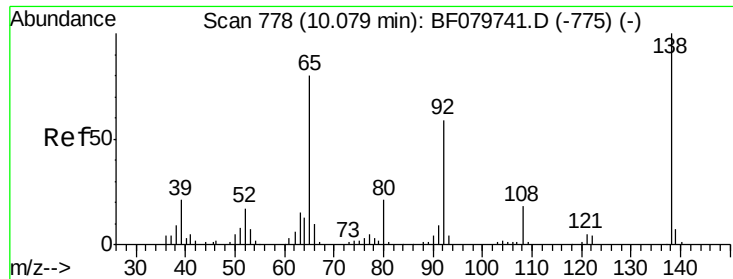
#46
 2-Chloronaphthalene
 Concen: 24.74 ng
 RT: 9.98 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Tgt Ion:162 Resp: 117178
 Ion Ratio Lower Upper
 162 100
 127 44.2 35.4 53.2
 164 31.4 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

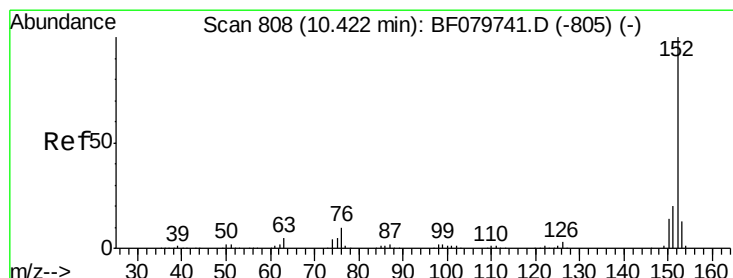
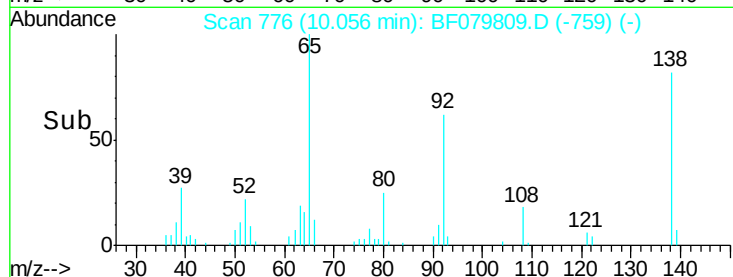
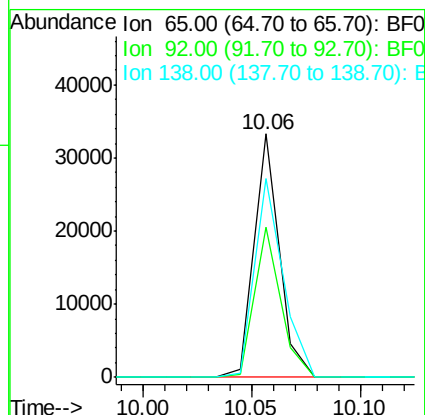
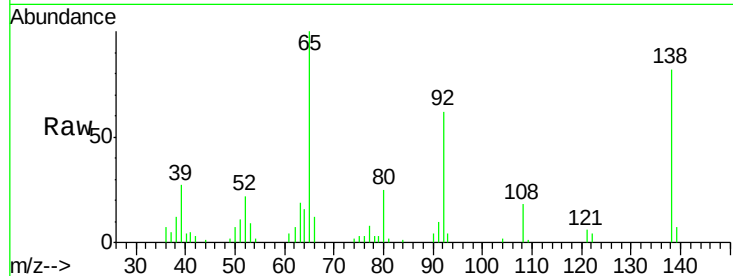




#47
2-Nitroaniline
Concen: 26.94 ng
RT: 10.06 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

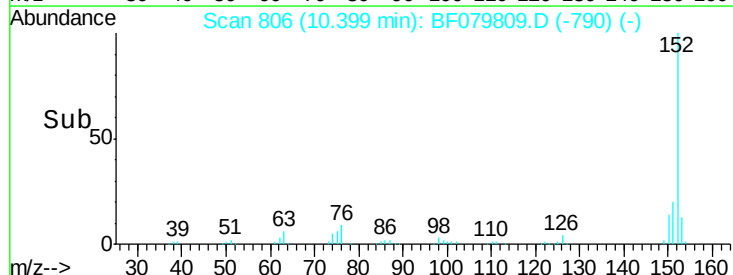
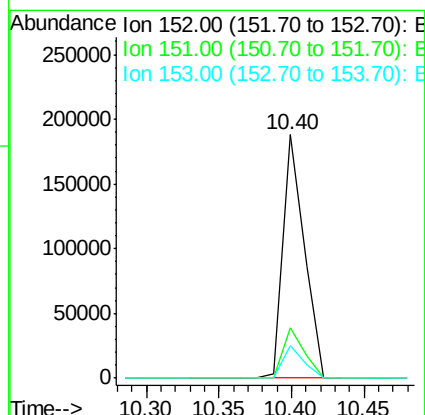
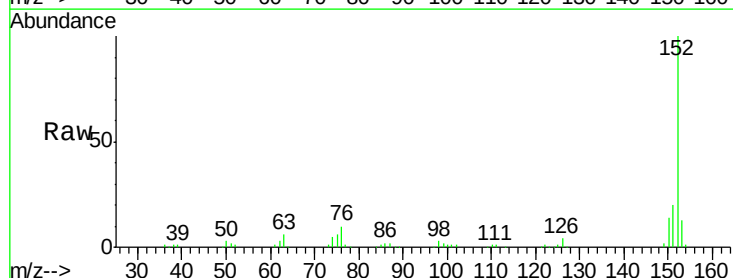
Instrument :
BNA_F
ClientSampleId :
FS-039MSD

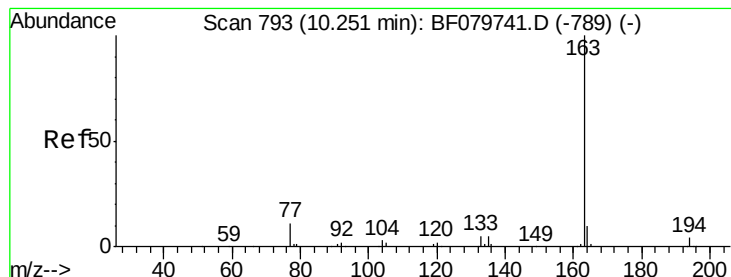
Tgt Ion: 65 Resp: 26762
Ion Ratio Lower Upper
65 100
92 61.6 49.0 73.6
138 81.9 67.7 101.5



#48
Acenaphthylene
Concen: 24.38 ng
RT: 10.40 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

Tgt Ion: 152 Resp: 190908
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 13.4 10.4 15.6





#49

Dimethylphthalate

Concen: 35.96 ng

RT: 10.23 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Instrument :

BNA_F

ClientSampleId :

FS-039MSD

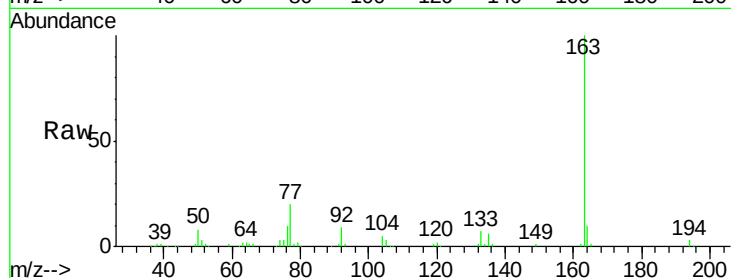
Tgt Ion:163 Resp: 184681

Ion Ratio Lower Upper

163 100

194 3.3 2.6 3.8

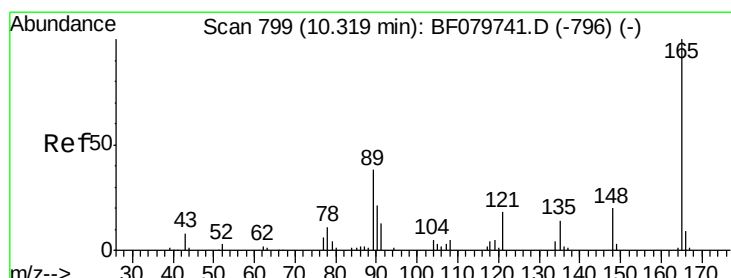
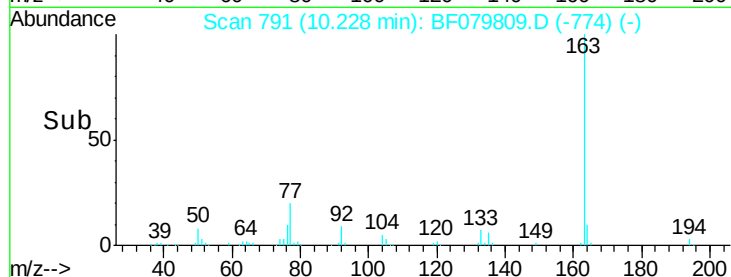
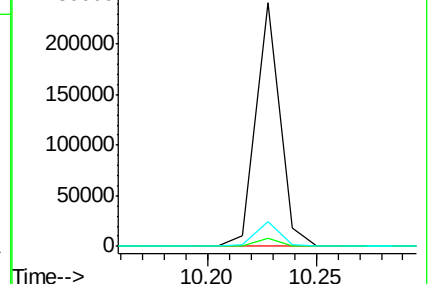
164 10.0 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 33.08 ng

RT: 10.30 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

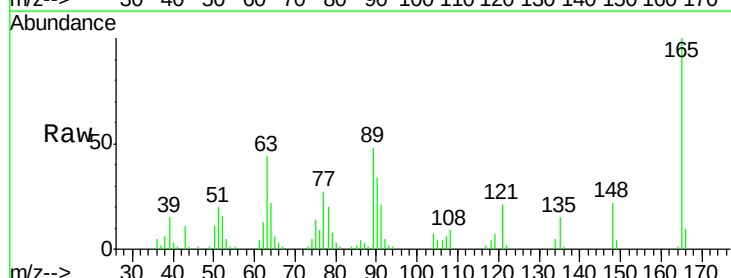
Tgt Ion:165 Resp: 25968

Ion Ratio Lower Upper

165 100

63 43.6 45.2 67.8#

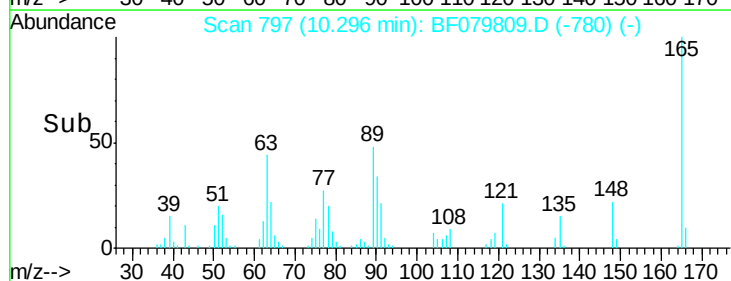
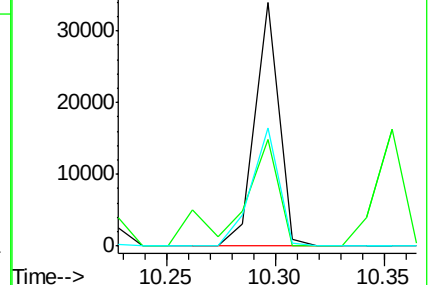
89 48.3 45.9 68.9

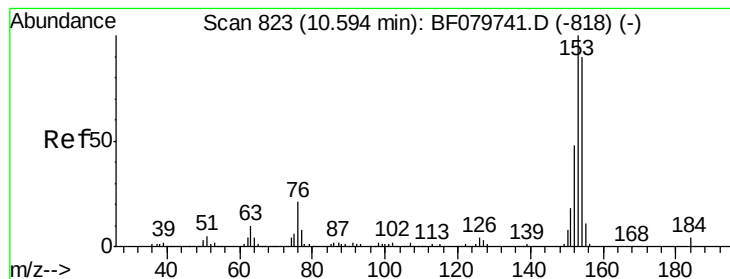


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 25.61 ng

RT: 10.57 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Instrument :

BNA_F

ClientSampleId :

FS-039MSD

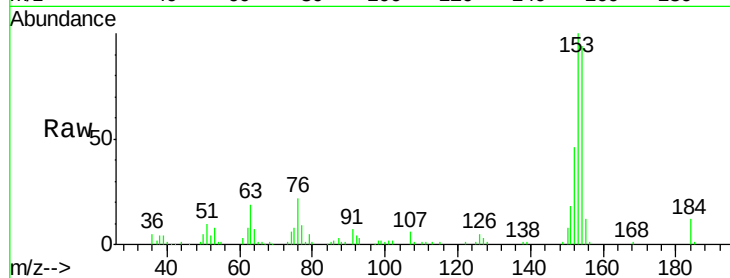
Tgt Ion:154 Resp: 113579

Ion Ratio Lower Upper

154 100

153 106.3 90.1 135.1

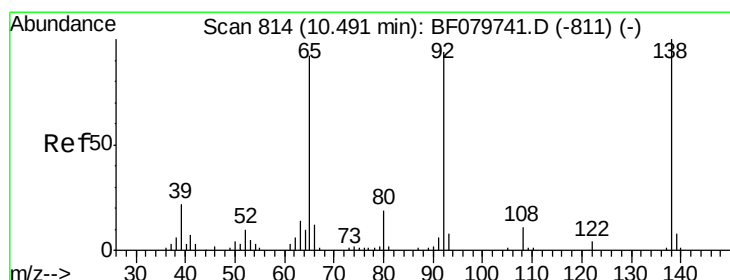
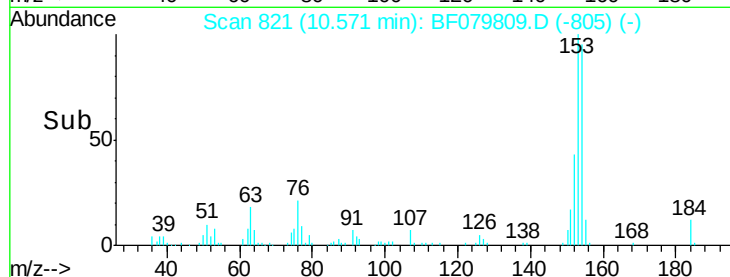
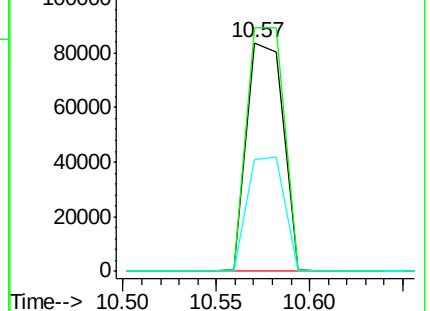
152 48.9 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.59 ng

RT: 10.47 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

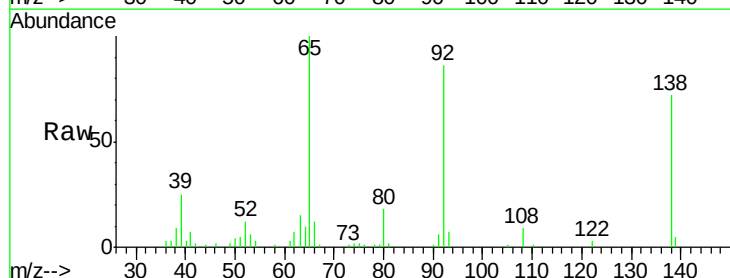
Tgt Ion:138 Resp: 26678

Ion Ratio Lower Upper

138 100

108 13.1 8.9 13.3

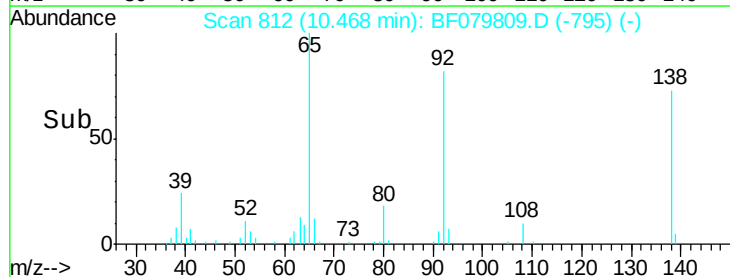
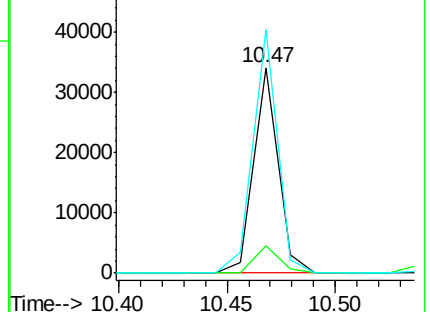
92 118.6 99.0 148.4

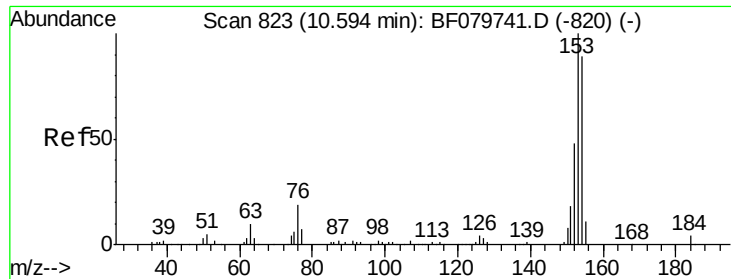


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

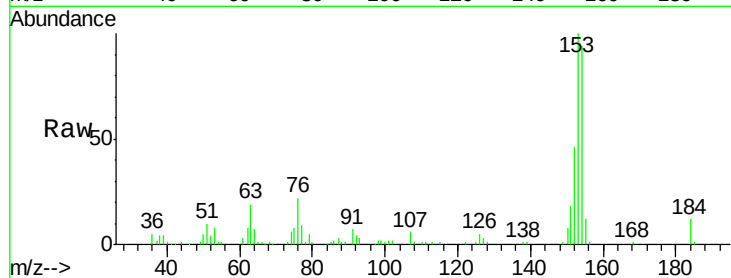




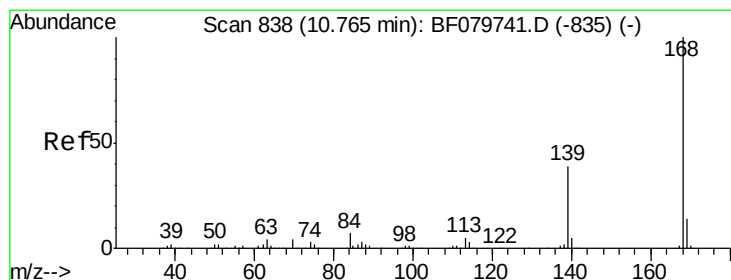
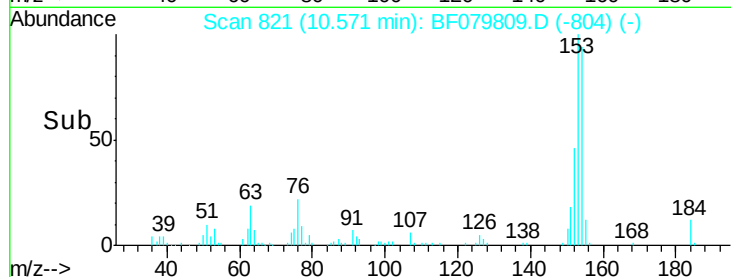
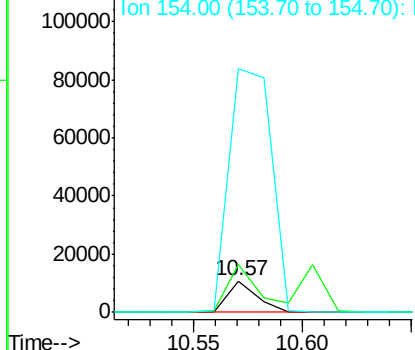
#53
2,4-Dinitrophenol
Concen: 46.94 ng
RT: 10.57 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

Instrument :
BNA_F
ClientSampled :
FS-039MSD

Tgt Ion:184 Resp: 10196
Ion Ratio Lower Upper
184 100
63 154.8 146.9 220.3
154 782.5 653.8 980.8

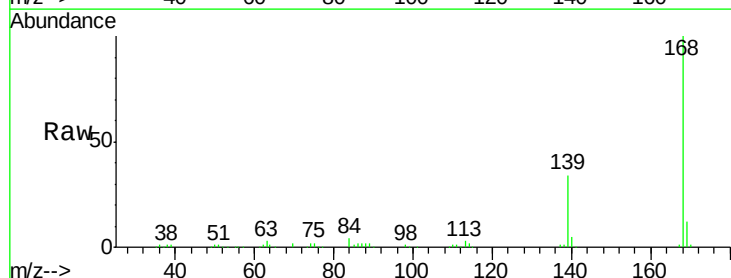


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

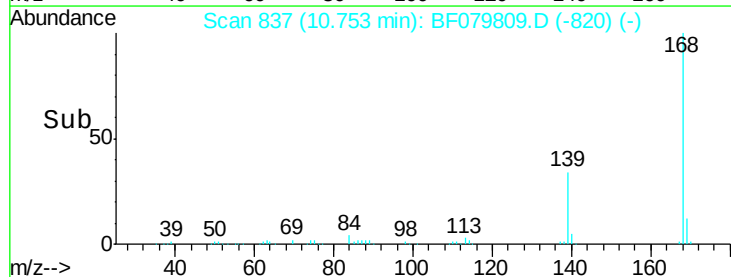
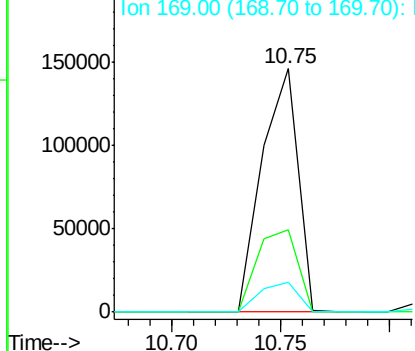


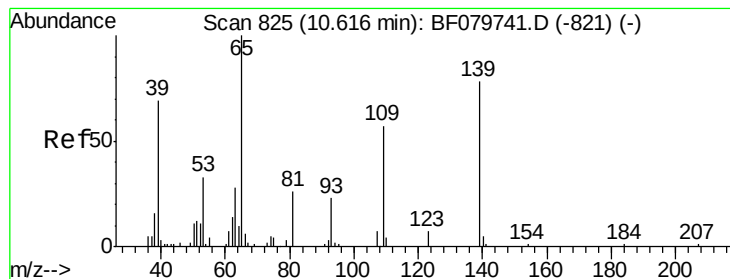
#54
Dibenzofuran
Concen: 27.01 ng
RT: 10.75 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

Tgt Ion:168 Resp: 169611
Ion Ratio Lower Upper
168 100
139 33.6 27.7 41.5
169 12.5 11.0 16.4



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





#55

4-Nitrophenol

Concen: 57.57 ng

RT: 10.60 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Instrument :

BNA_F

ClientSampleId :

FS-039MSD

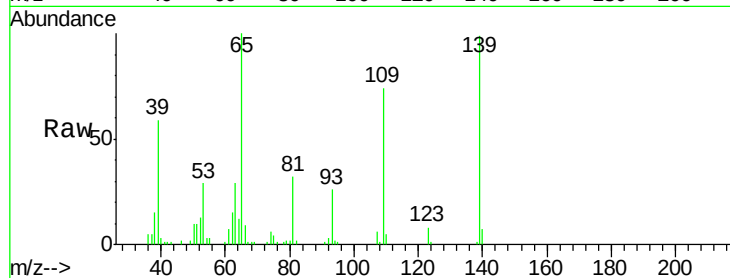
Tgt Ion:139 Resp: 46645

Ion Ratio Lower Upper

139 100

109 74.5 44.2 84.2

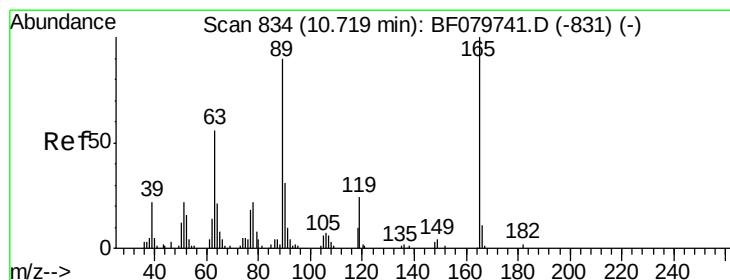
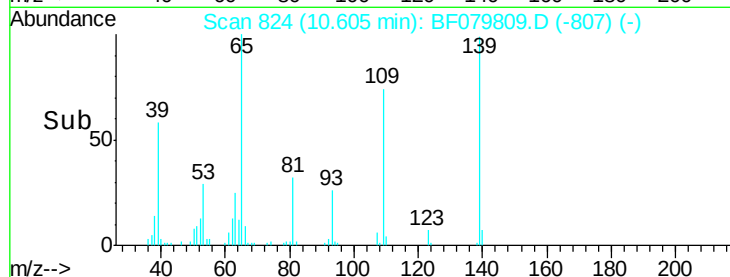
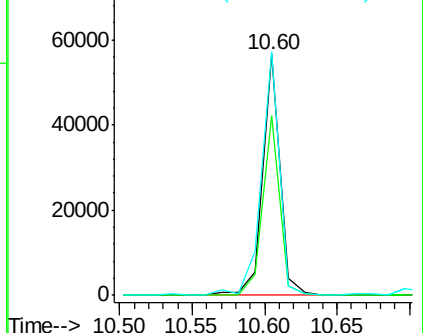
65 101.1 72.3 112.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 30.91 ng

RT: 10.71 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Tgt Ion:165 Resp: 28433

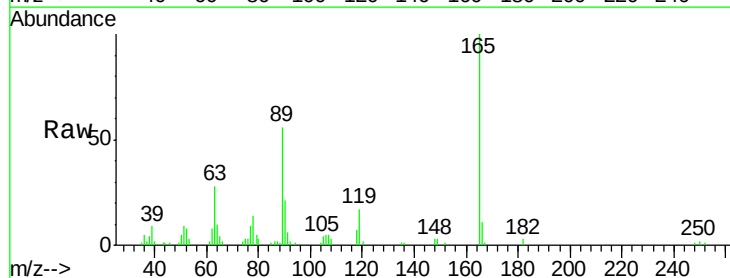
Ion Ratio Lower Upper

165 100

63 28.0 24.7 37.1

89 56.0 45.7 68.5

182 3.1 1.8 2.8#

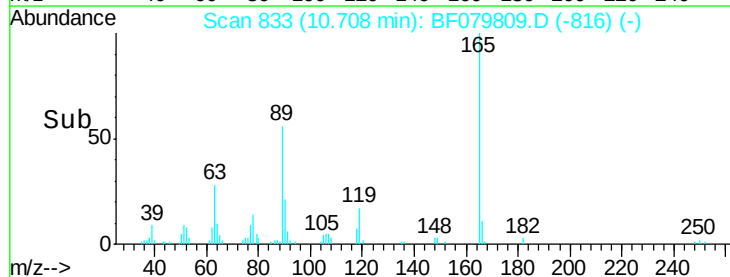
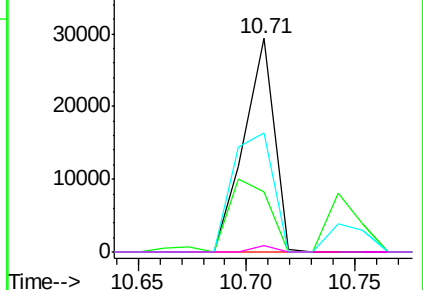


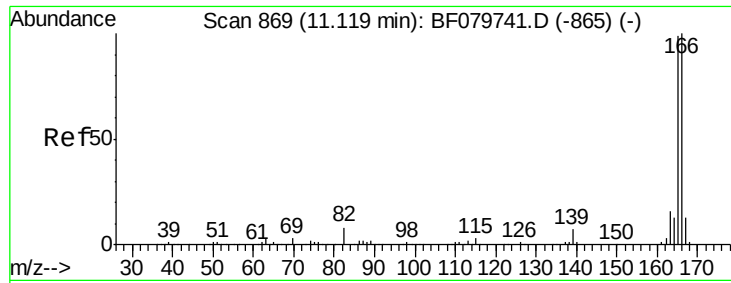
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

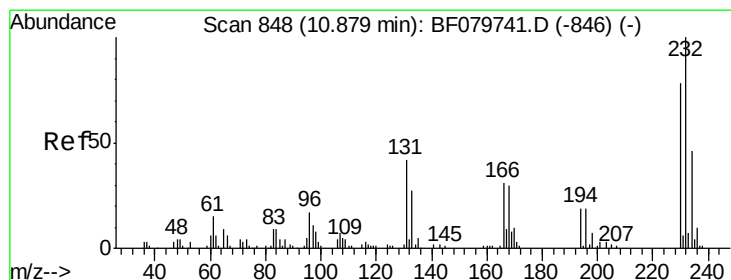
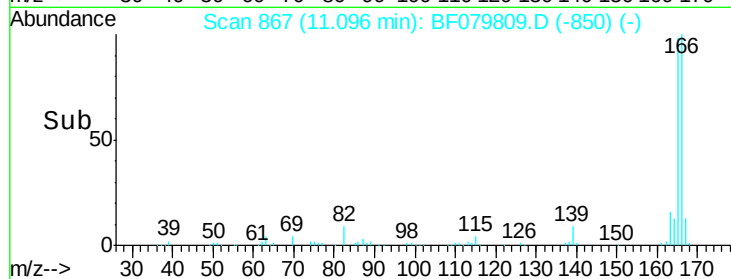
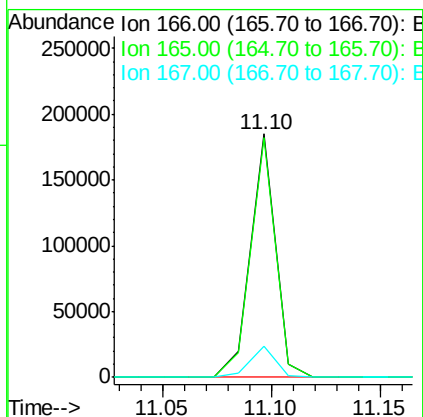
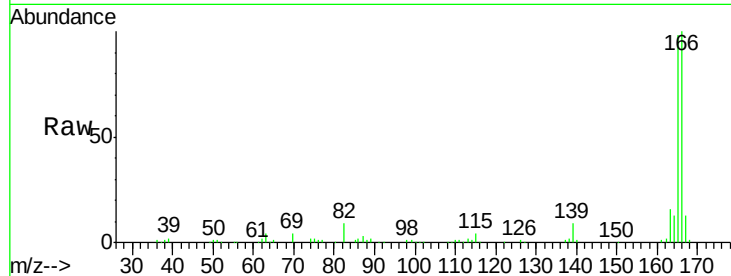




#57
Fluorene
 Concen: 27.14 ng
 RT: 11.10 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

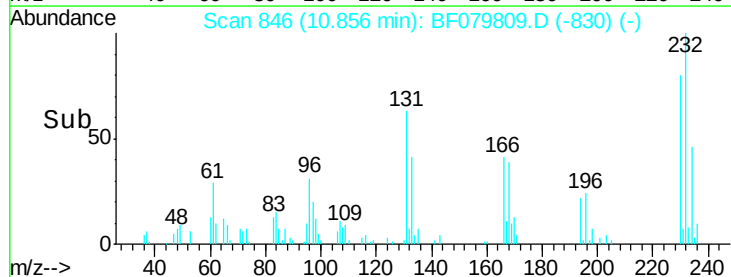
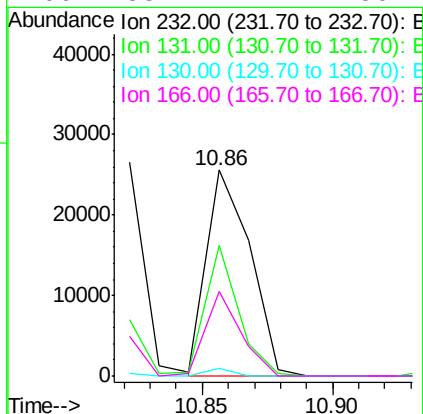
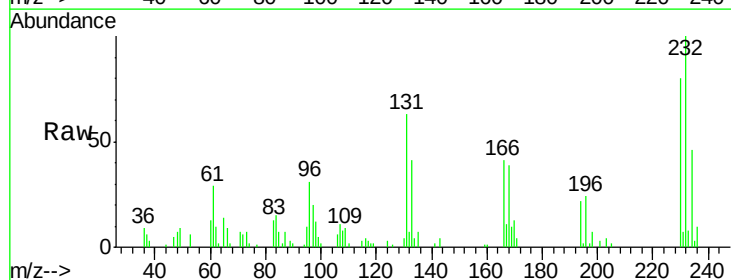
Instrument :
 BNA_F
 ClientSampleId :
 FS-039MSD

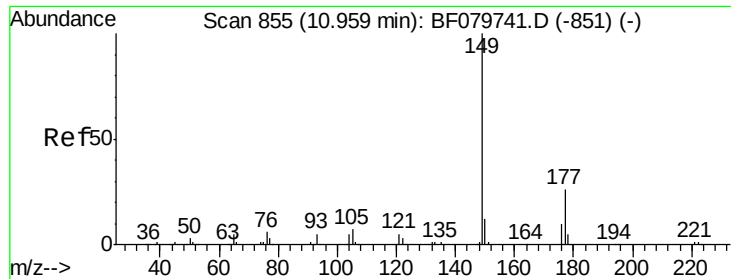
Tgt Ion:166 Resp: 147493
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.4 119.0
 167 12.8 11.0 16.4



#58
2,3,4,6-Tetrachlorophenol
 Concen: 25.24 ng
 RT: 10.86 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Tgt Ion:232 Resp: 29683
 Ion Ratio Lower Upper
 232 100
 131 48.6 36.5 54.7
 130 2.3 1.8 2.8
 166 33.2 24.2 36.4

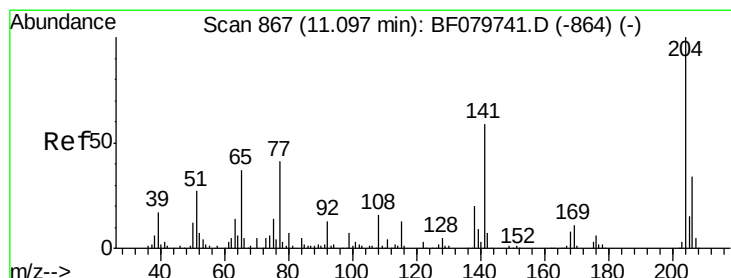
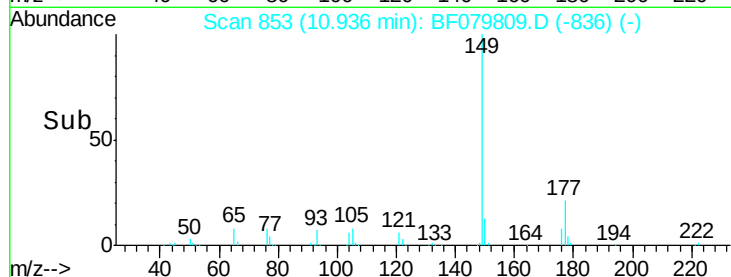
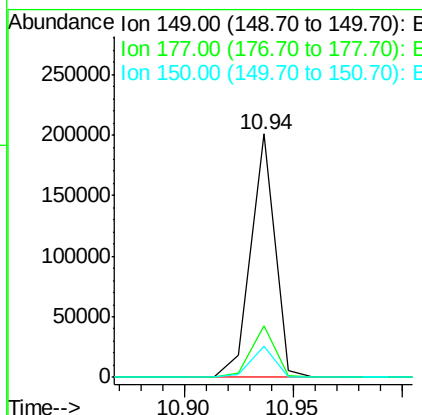
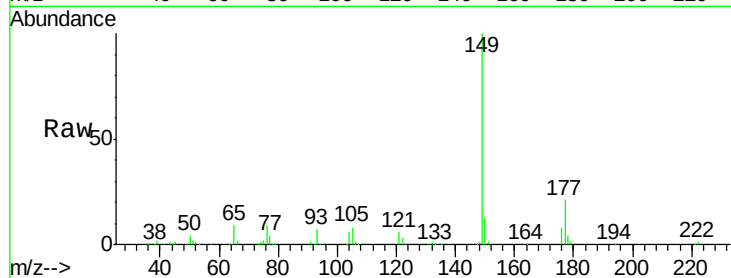




#59
Diethylphthalate
Concen: 30.72 ng
RT: 10.94 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

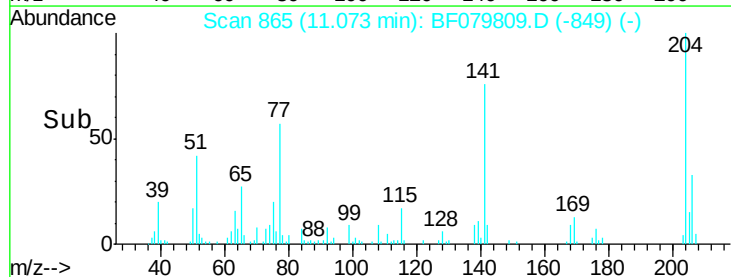
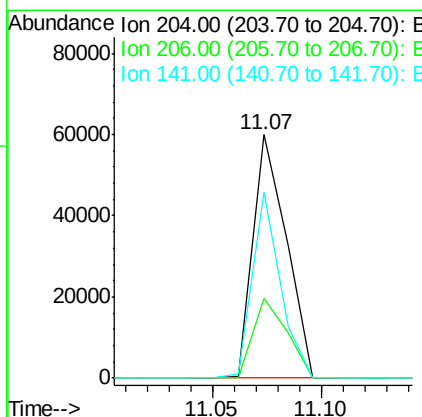
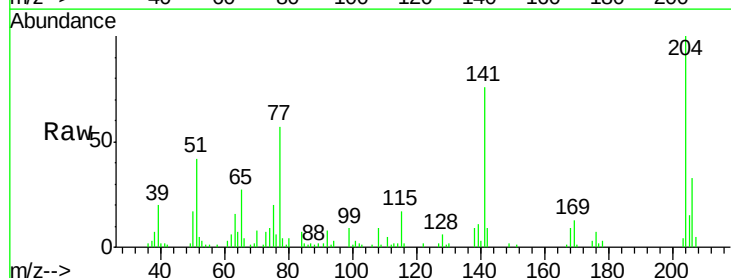
Instrument :
BNA_F
ClientSampleId :
FS-039MSD

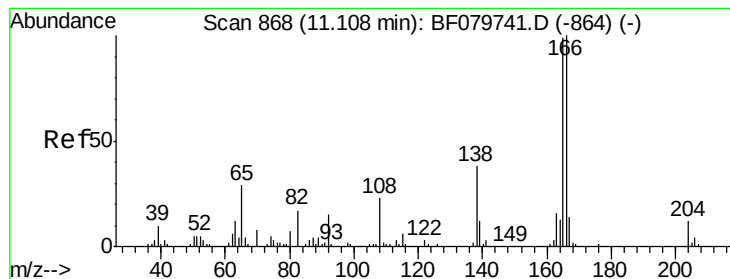
Tgt Ion:149 Resp: 154308
Ion Ratio Lower Upper
149 100
177 21.4 18.1 27.1
150 12.7 10.5 15.7



#60
4-Chlorophenyl-phenylether
Concen: 25.92 ng
RT: 11.07 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

Tgt Ion:204 Resp: 63862
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 76.4 56.5 84.7





#61

4-Nitroaniline

Concen: 30.01 ng

RT: 11.08 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Instrument :

BNA_F

ClientSampleId :

FS-039MSD

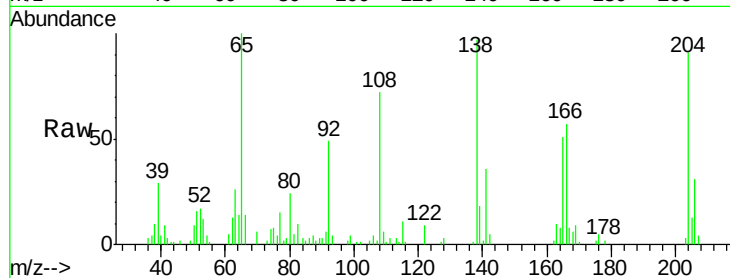
Tgt Ion:138 Resp: 29419

Ion Ratio Lower Upper

138 100

92 51.0 38.2 78.2

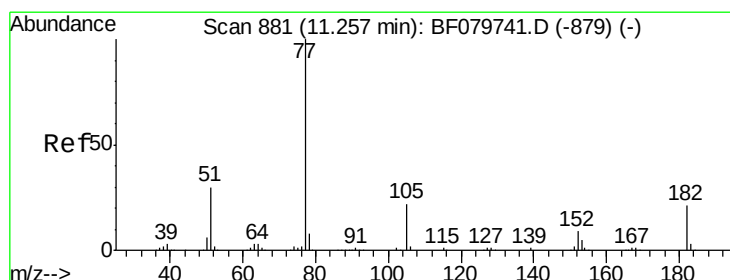
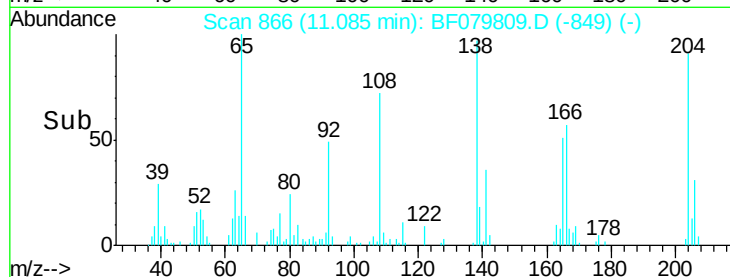
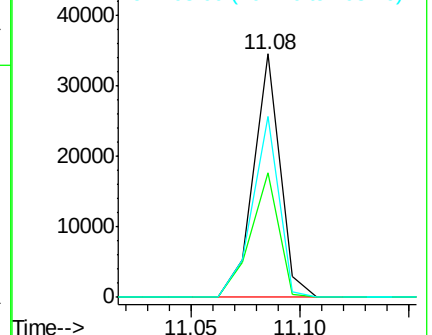
108 74.3 53.8 93.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 24.89 ng

RT: 11.23 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Tgt Ion: 77 Resp: 126306

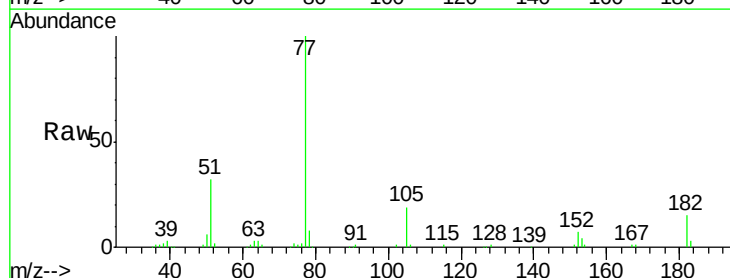
Ion Ratio Lower Upper

77 100

182 15.5 0.0 35.2

105 19.2 0.0 39.5

51 32.0 12.4 52.4

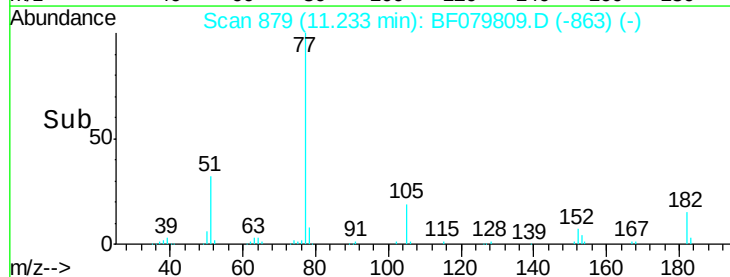
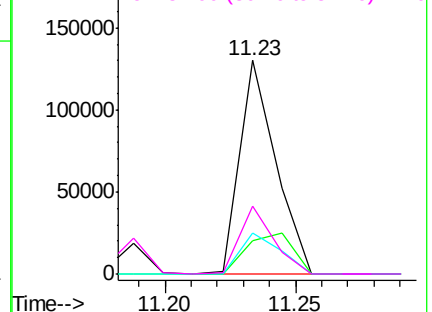


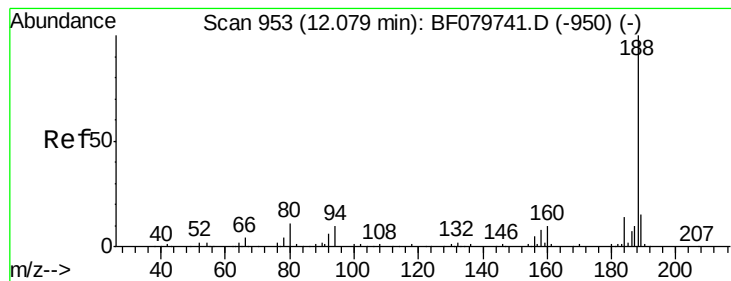
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.06 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Instrument :

BNA_F

ClientSampleId :

FS-039MSD

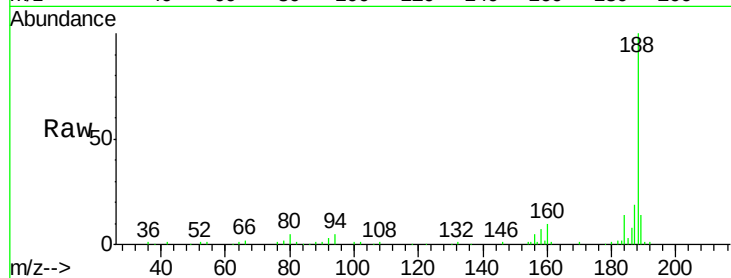
Tgt Ion:188 Resp: 131341

Ion Ratio Lower Upper

188 100

94 5.0 5.0 7.4

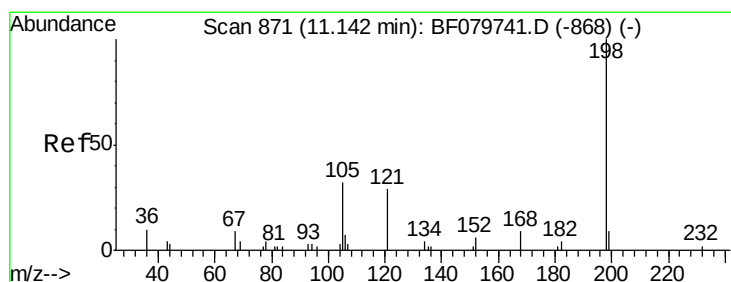
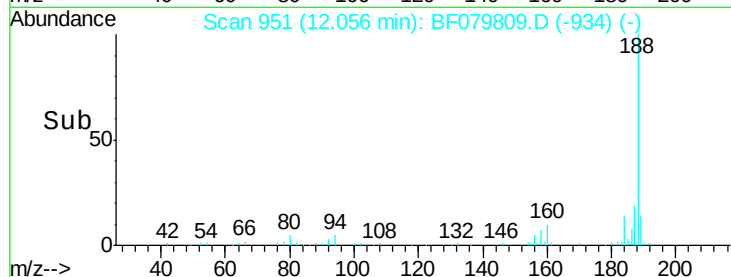
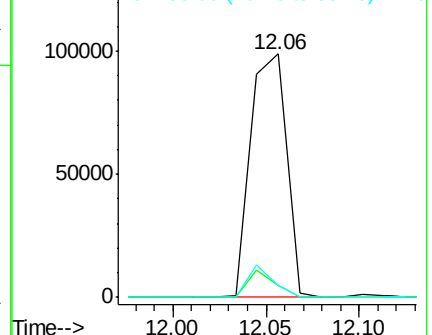
80 4.7 5.3 7.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 30.46 ng

RT: 11.12 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

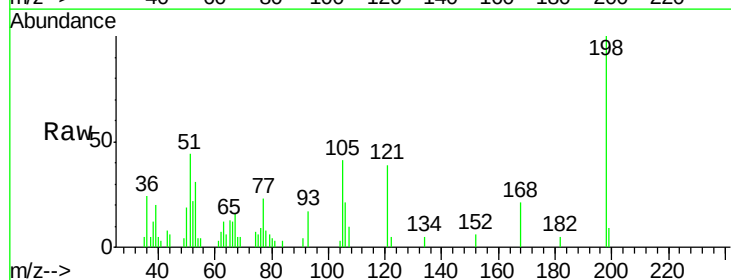
Tgt Ion:198 Resp: 8560

Ion Ratio Lower Upper

198 100

51 43.7 34.4 74.4

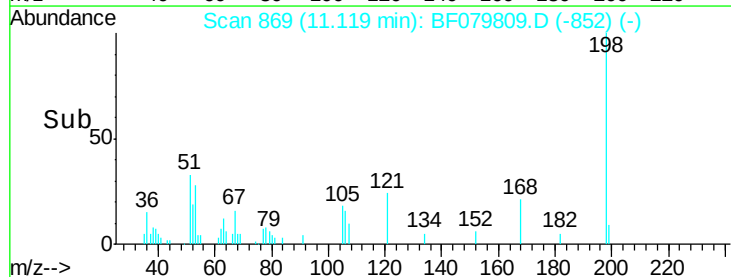
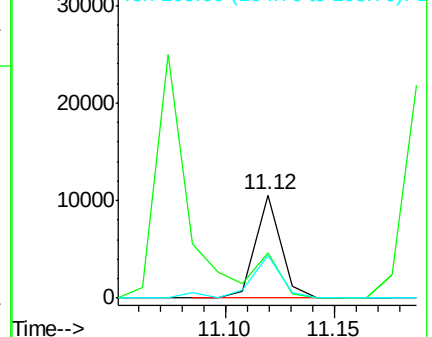
105 41.0 32.7 72.7

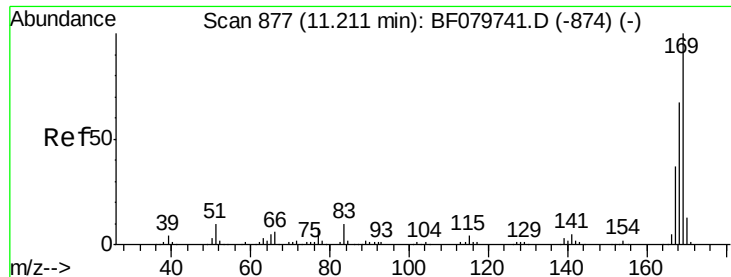


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

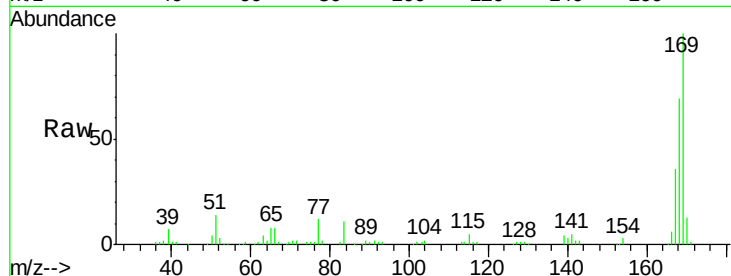




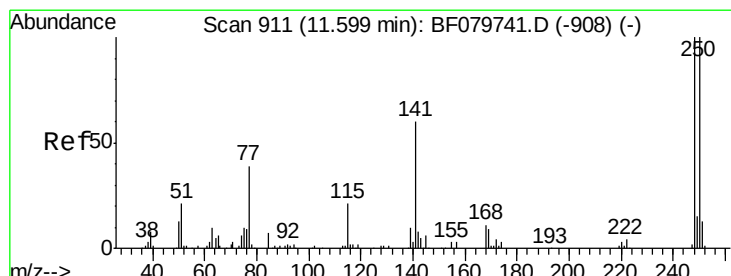
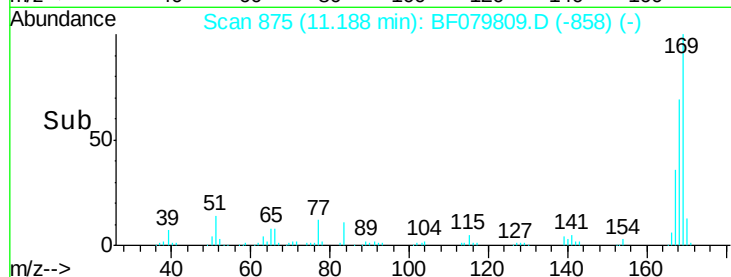
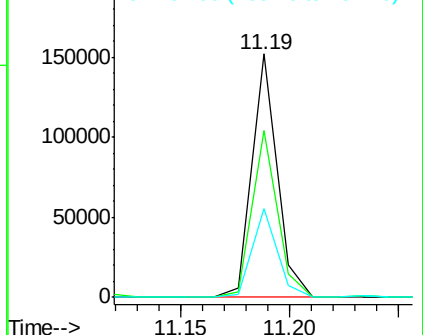
#65
 n-Nitrosodiphenylamine
 Concen: 27.82 ng
 RT: 11.19 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MSD

Tgt Ion:169 Resp: 122036
 Ion Ratio Lower Upper
 169 100
 168 68.6 54.8 82.2
 167 36.3 29.7 44.5

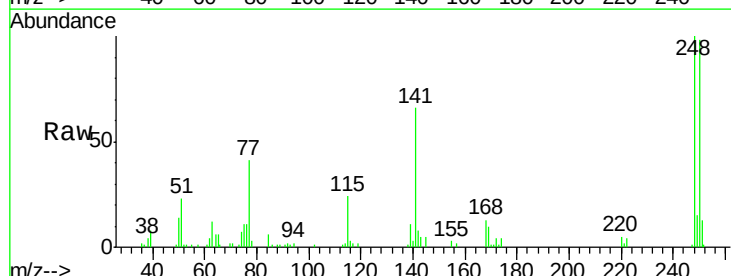


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

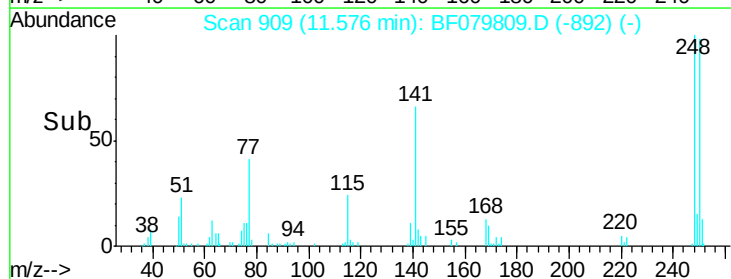
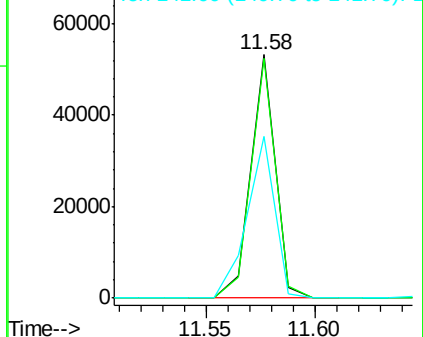


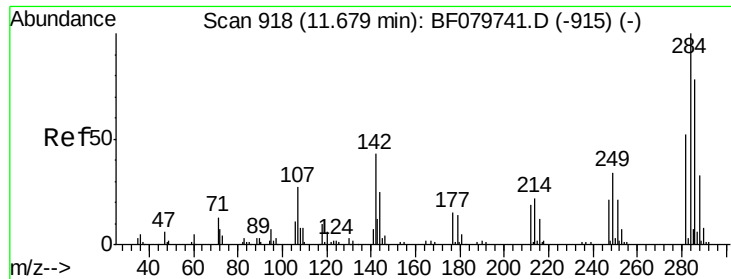
#66
 4-Bromophenyl-phenylether
 Concen: 29.11 ng
 RT: 11.58 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Tgt Ion:248 Resp: 41395
 Ion Ratio Lower Upper
 248 100
 250 98.4 76.1 114.1
 141 66.4 64.6 96.8



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





#67

Hexachlorobenzene

Concen: 28.15 ng

RT: 11.66 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Instrument :

BNA_F

ClientSampleId :

FS-039MSD

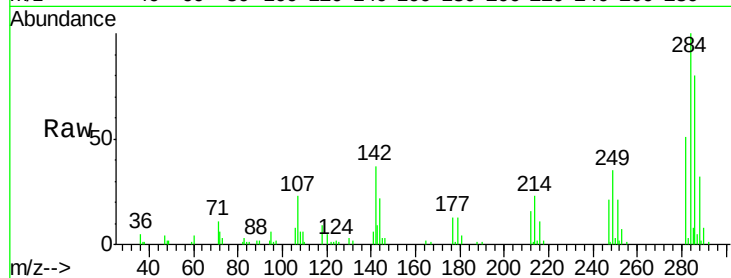
Tgt Ion:284 Resp: 45023

Ion Ratio Lower Upper

284 100

142 37.1 13.0 19.4#

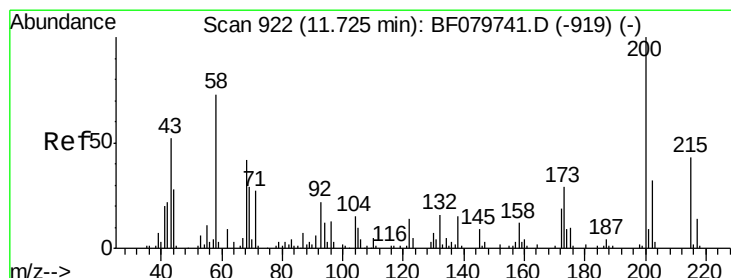
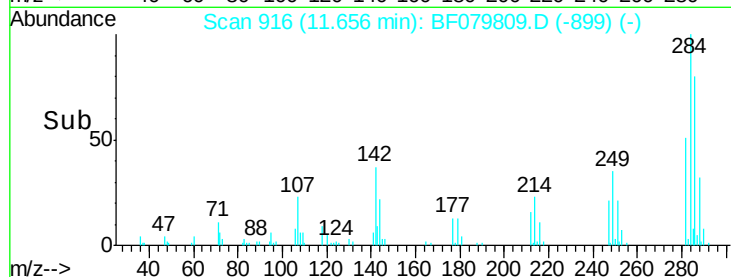
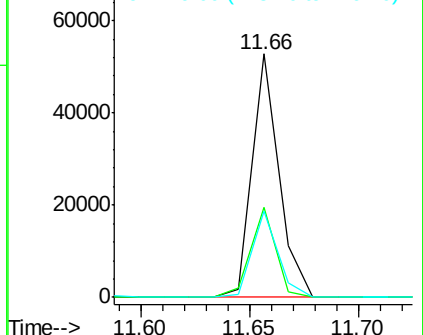
249 35.4 22.3 33.5#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 28.60 ng

RT: 11.70 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

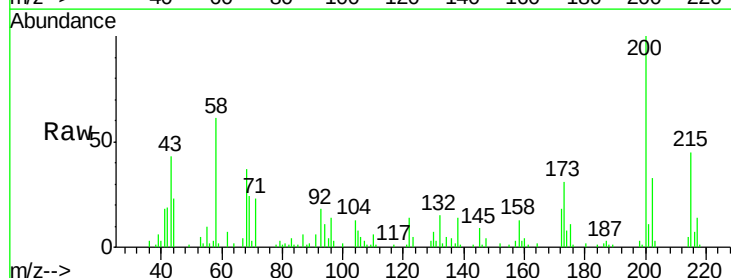
Tgt Ion:200 Resp: 37707

Ion Ratio Lower Upper

200 100

173 30.6 5.5 45.5

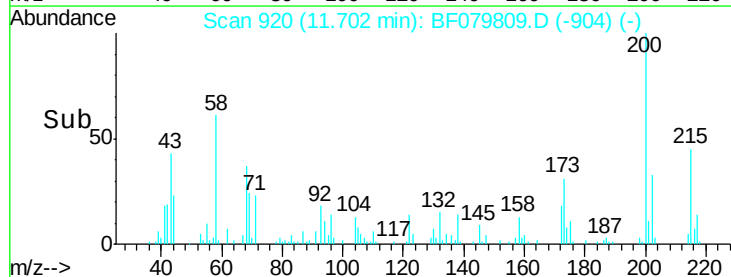
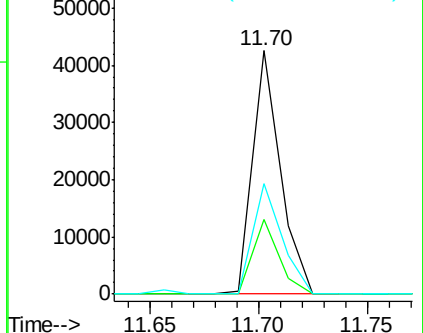
215 45.3 28.5 68.5

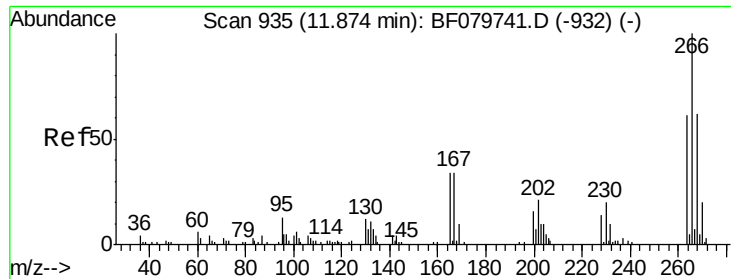


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

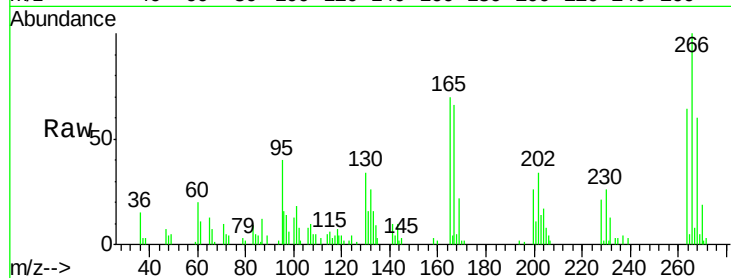




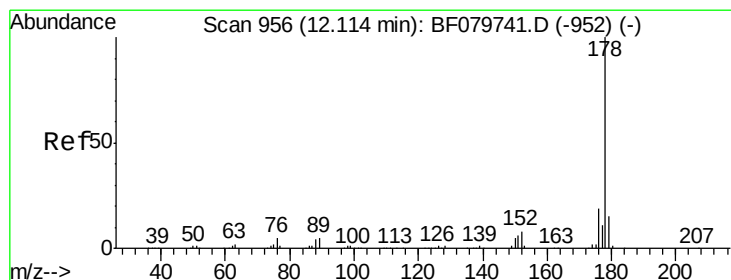
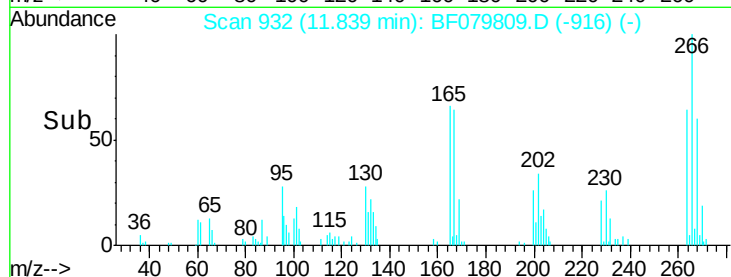
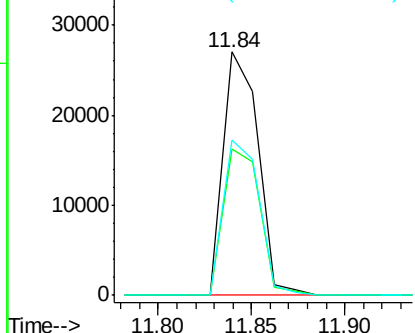
#69
 Pentachlorophenol
 Concen: 49.82 ng
 RT: 11.84 min Scan# 932
 Delta R.T. -0.01 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MSD

Tgt Ion:266 Resp: 35385
 Ion Ratio Lower Upper
 266 100
 268 60.0 50.4 75.6
 264 63.5 51.3 76.9

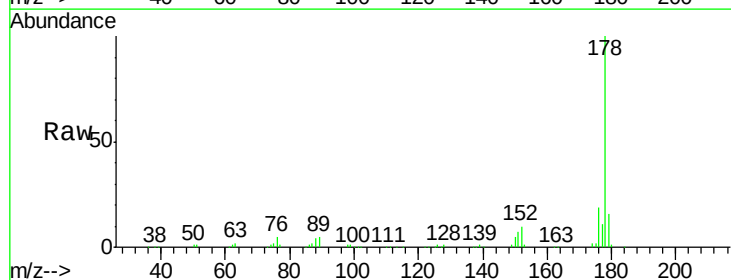


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

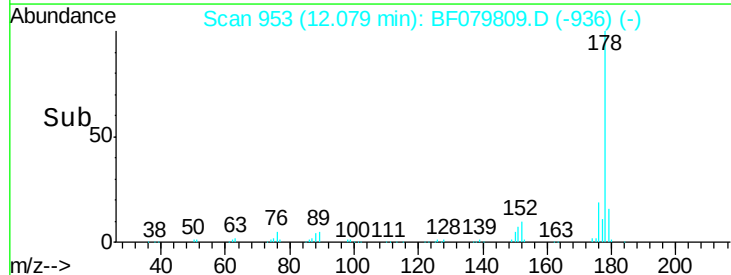
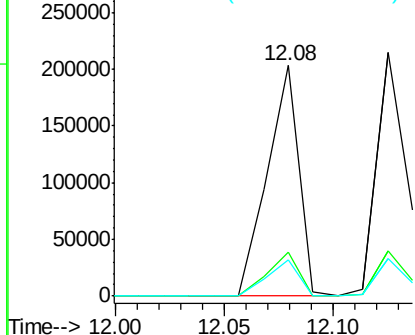


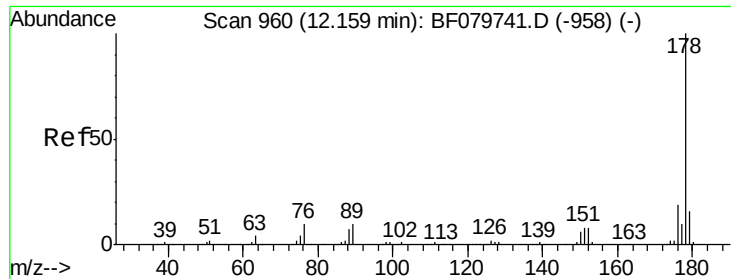
#70
 Phenanthrene
 Concen: 26.92 ng
 RT: 12.08 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Tgt Ion:178 Resp: 207044
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 15.6 12.6 19.0



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

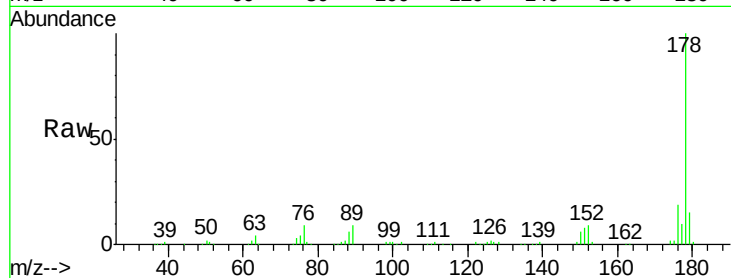




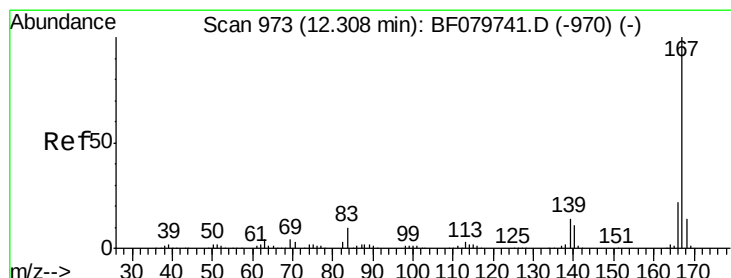
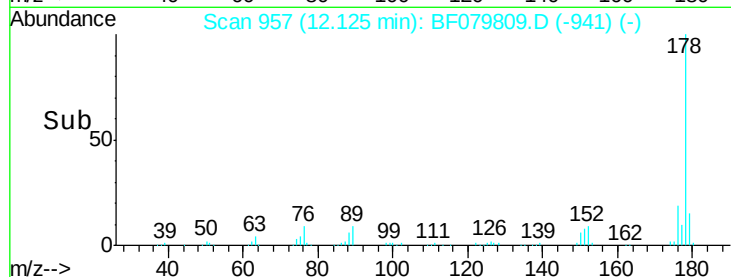
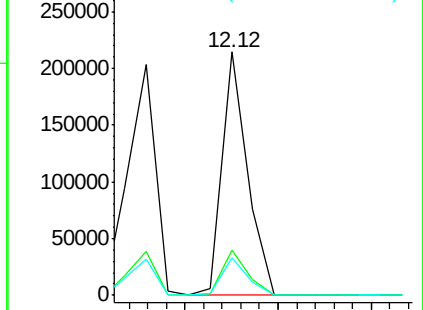
#71
 Anthracene
 Concen: 26.95 ng
 RT: 12.12 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MSD

Tgt Ion:178 Resp: 204369
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.8 22.2
 179 15.4 12.2 18.2

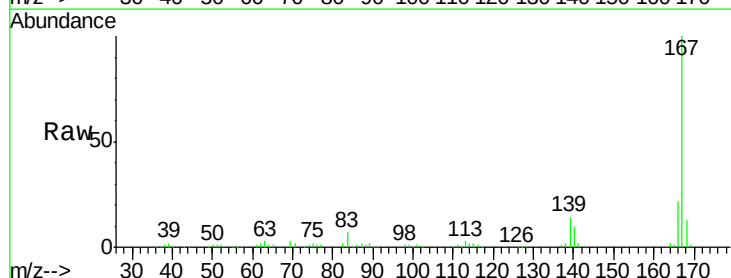


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

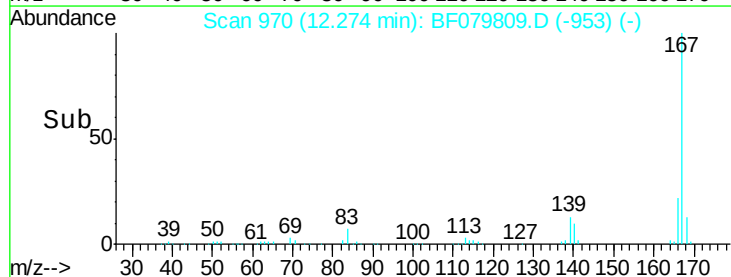
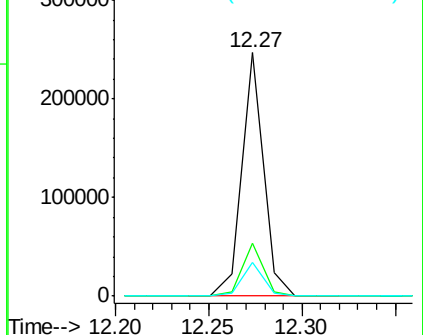


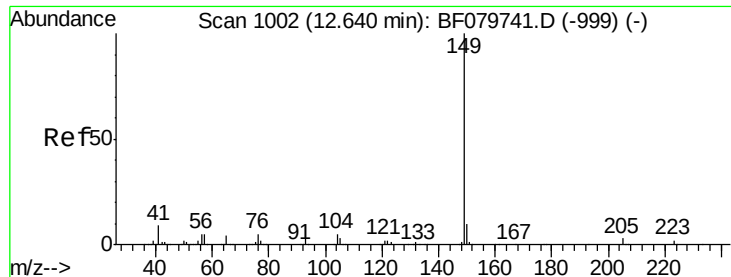
#72
 Carbazole
 Concen: 27.92 ng
 RT: 12.27 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Tgt Ion:167 Resp: 201159
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 13.8 9.3 13.9



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 29.12 ng

RT: 12.59 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Instrument :

BNA_F

ClientSampleId :

FS-039MSD

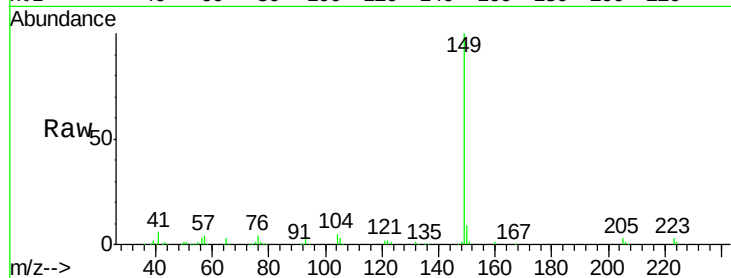
Tgt Ion:149 Resp: 237924

Ion Ratio Lower Upper

149 100

150 8.9 9.8 14.8#

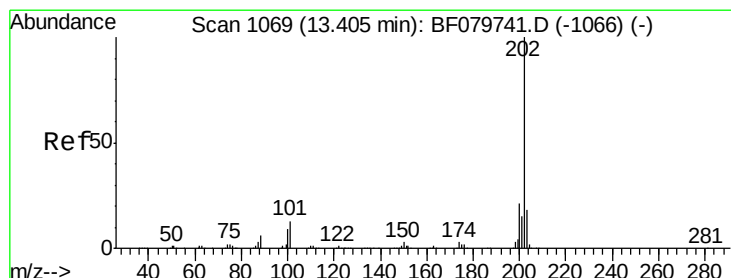
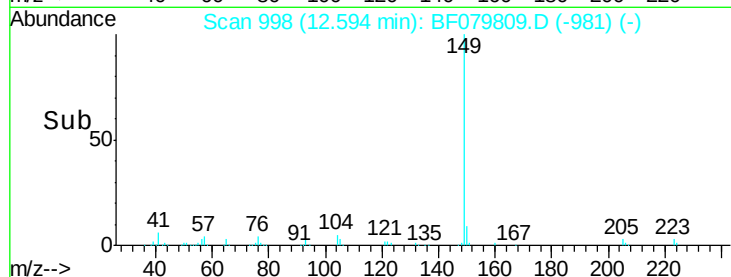
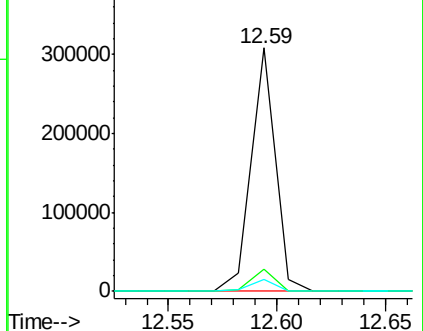
104 4.8 12.9 19.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 27.56 ng

RT: 13.33 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

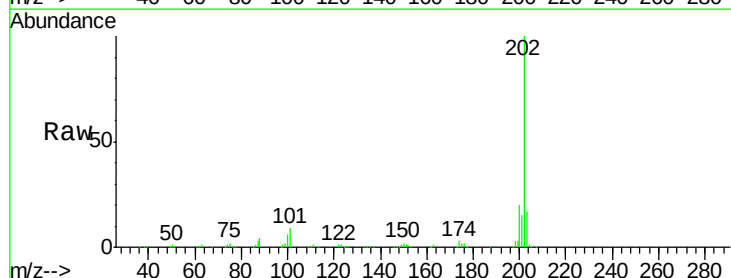
Tgt Ion:202 Resp: 232018

Ion Ratio Lower Upper

202 100

101 8.9 0.0 31.3

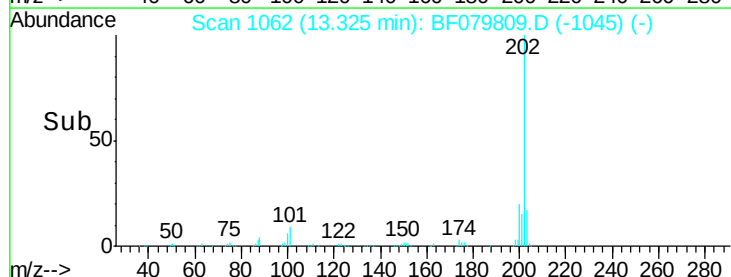
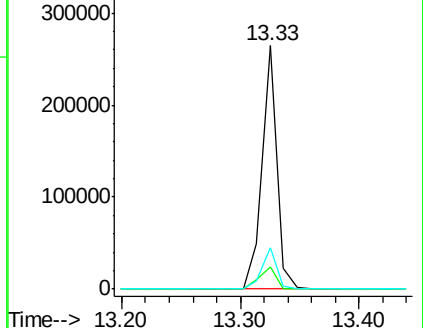
203 16.9 0.0 38.4

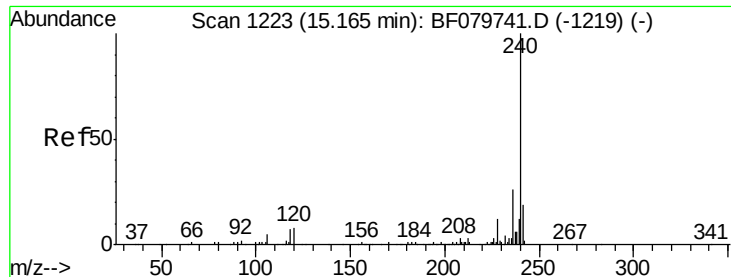


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

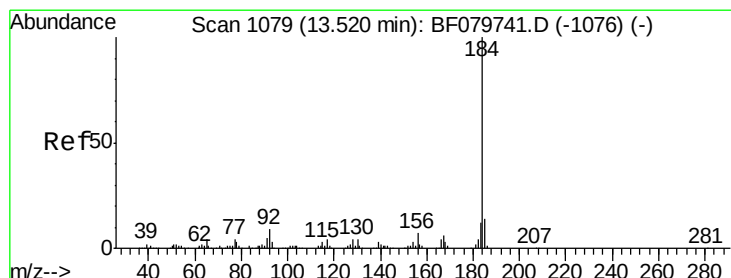
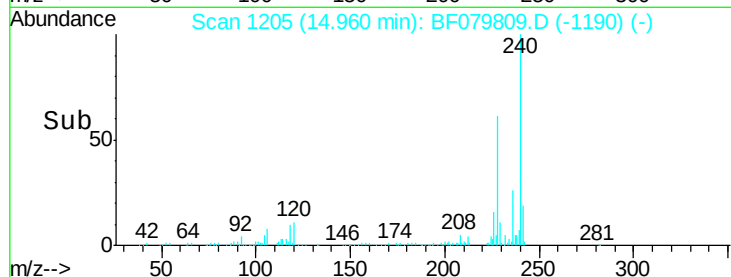
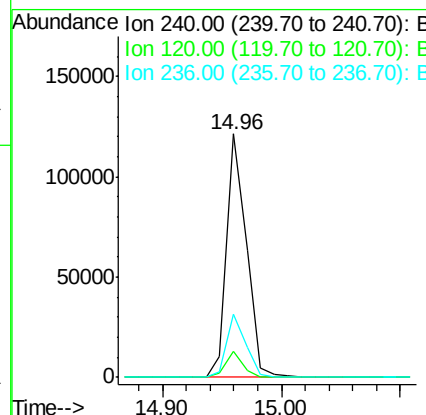
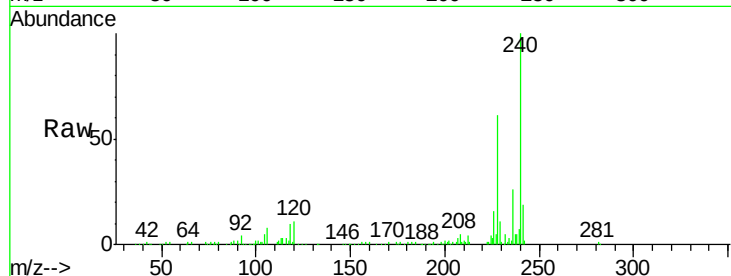




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

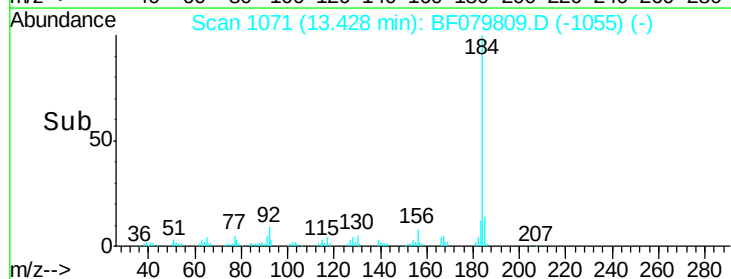
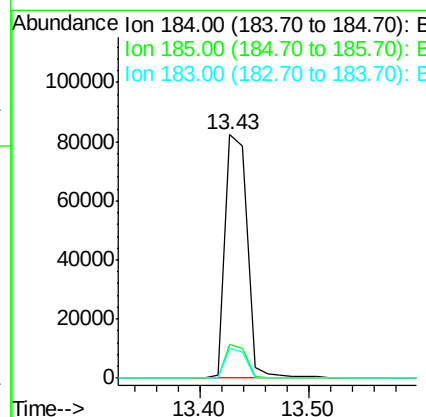
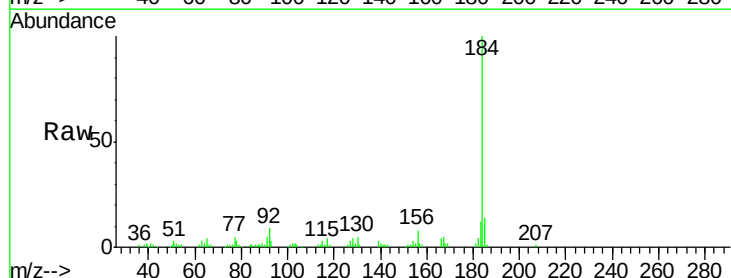
Instrument :
BNA_F
ClientSampleId :
FS-039MSD

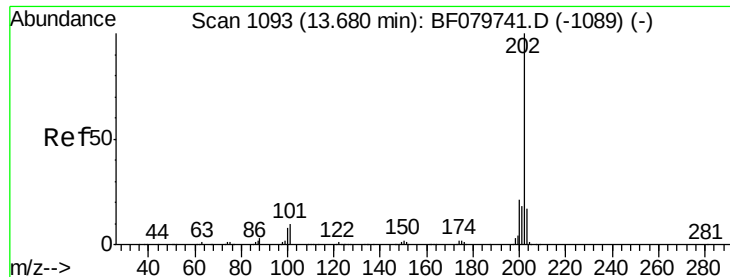
Tgt Ion:240 Resp: 138834
Ion Ratio Lower Upper
240 100
120 10.9 6.2 9.2#
236 25.9 21.0 31.4



#76
Benzidine
Concen: 26.48 ng
RT: 13.43 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

Tgt Ion:184 Resp: 116007
Ion Ratio Lower Upper
184 100
185 13.8 12.2 18.2
183 12.2 9.3 13.9





#77

Pyrene

Concen: 27.38 ng

RT: 13.58 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Instrument :

BNA_F

ClientSampleId :

FS-039MSD

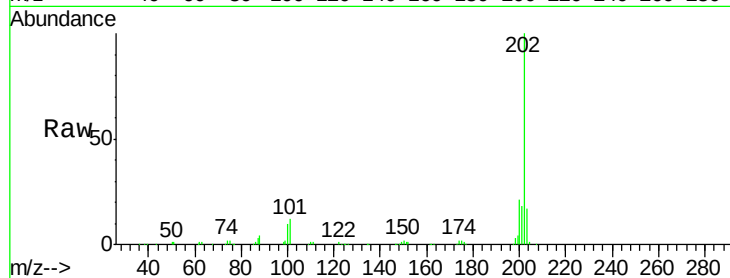
Tgt Ion:202 Resp: 233086

Ion Ratio Lower Upper

202 100

200 21.0 17.5 26.3

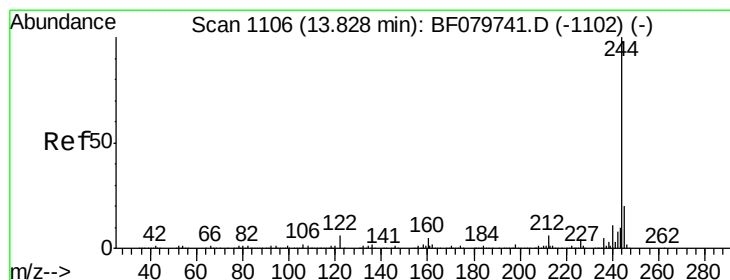
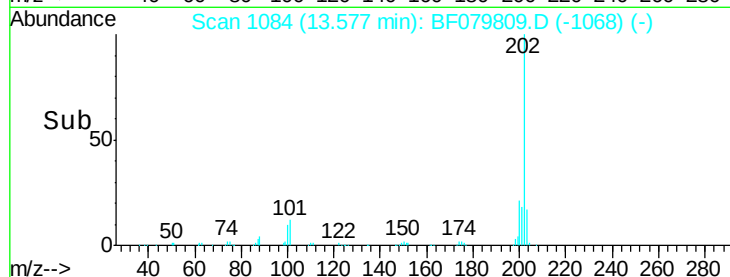
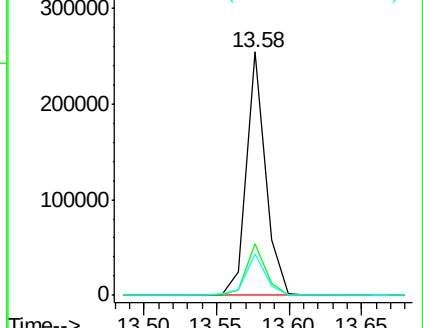
203 16.8 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 55.58 ng

RT: 13.71 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

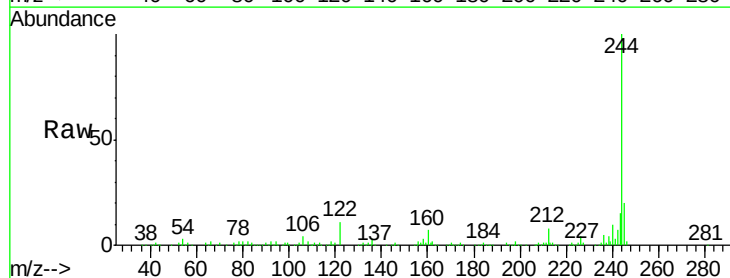
Tgt Ion:244 Resp: 336917

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

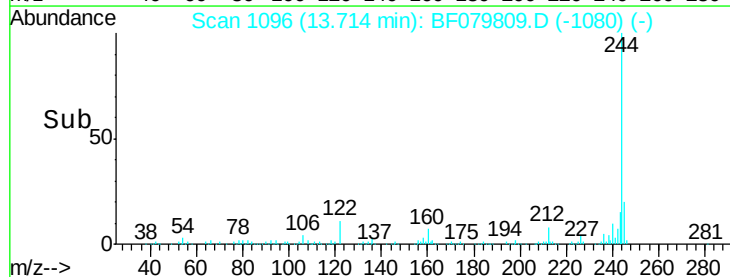
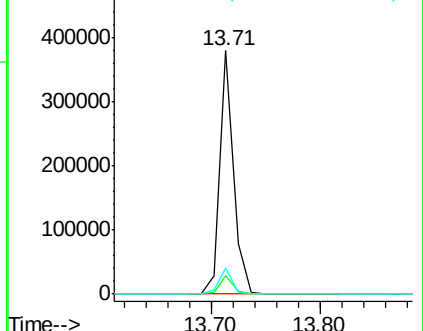
122 10.6 9.3 13.9

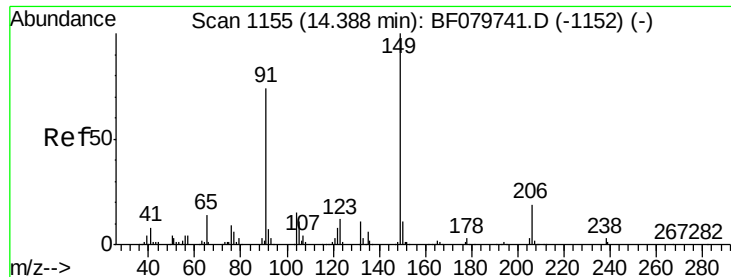


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 26.88 ng

RT: 14.24 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

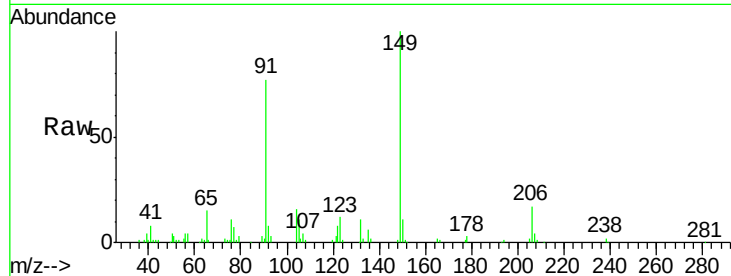
Instrument :

BNA_F

ClientSampleId :

FS-039MSD

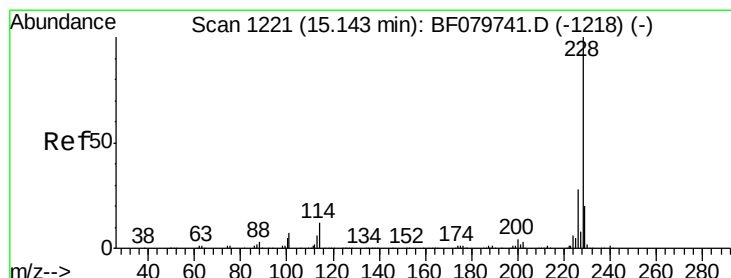
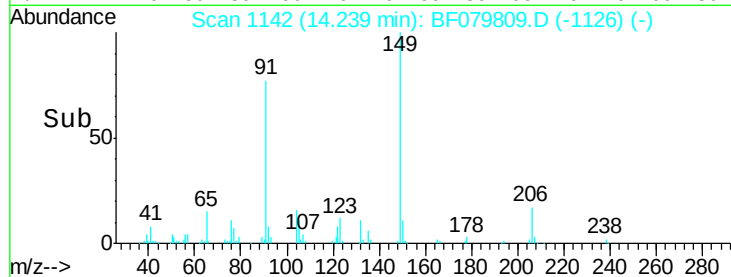
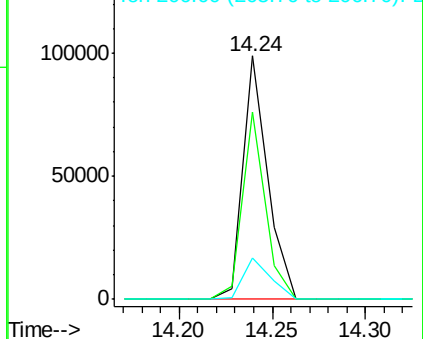
Tgt Ion:	149	Resp:	91225
Ion Ratio	Lower	Upper	
149	100		
91	77.0	64.4	96.6
206	16.9	14.8	22.2



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: 25.50 ng

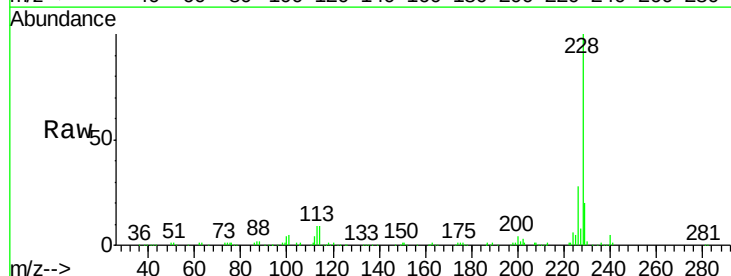
RT: 14.95 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

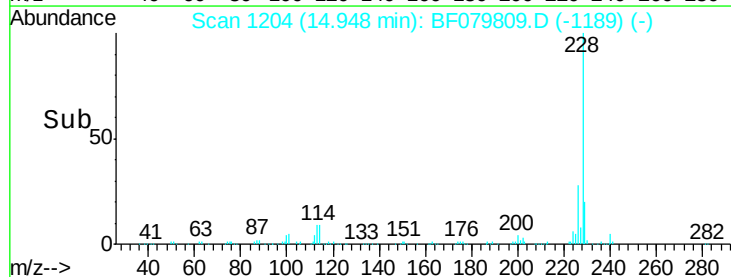
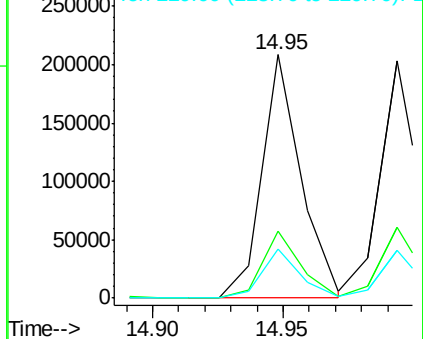
Tgt Ion:	228	Resp:	216702
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.2	33.4
229	20.1	16.6	25.0

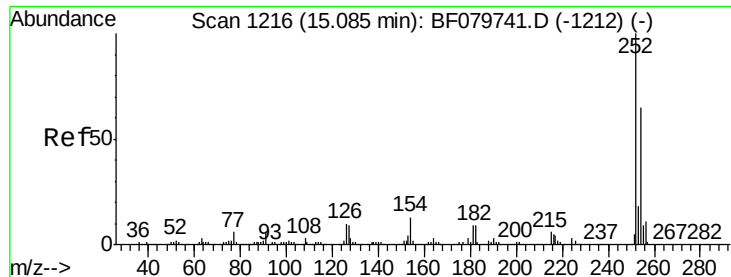


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

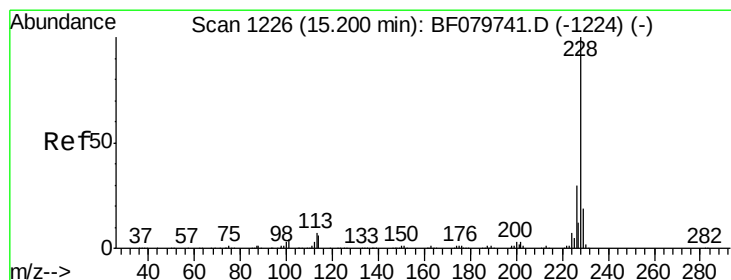
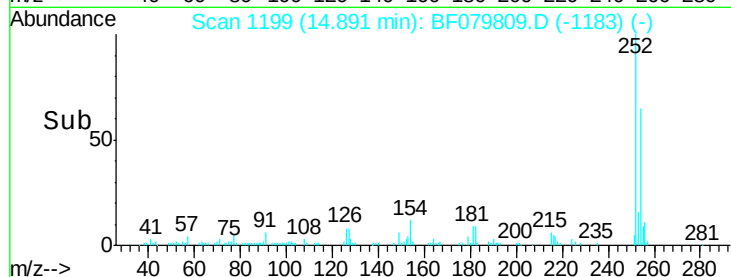
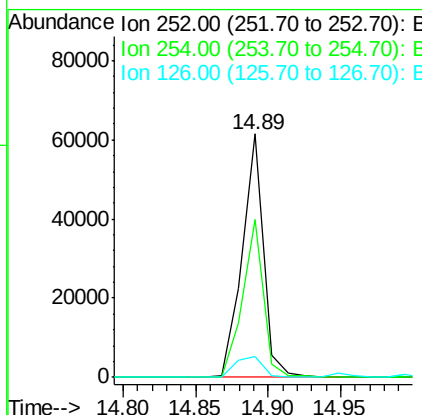
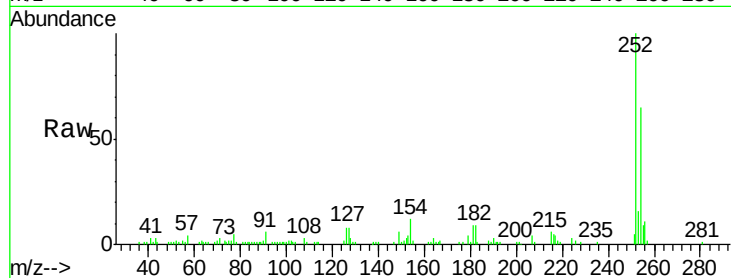




#81
 3,3'-Dichlorobenzidine
 Concen: 21.66 ng
 RT: 14.89 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

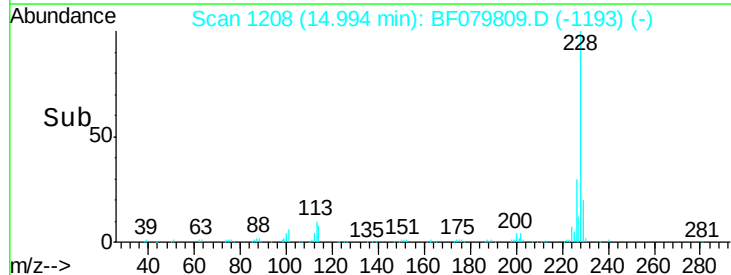
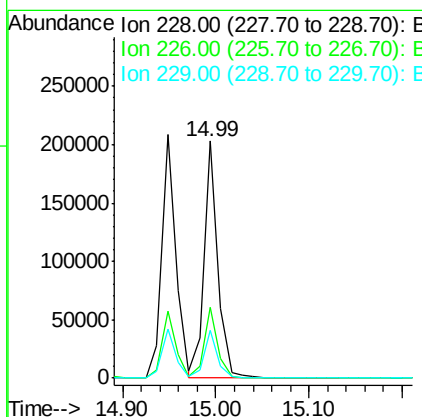
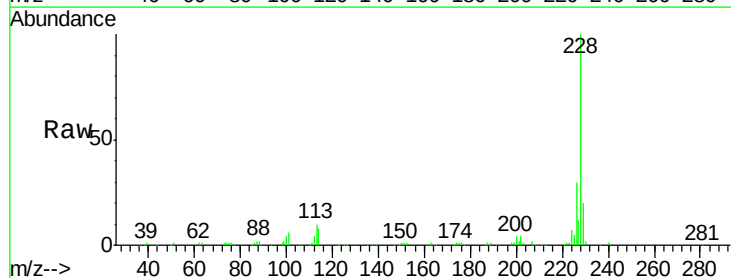
Instrument :
 BNA_F
 ClientSampleId :
 FS-039MSD

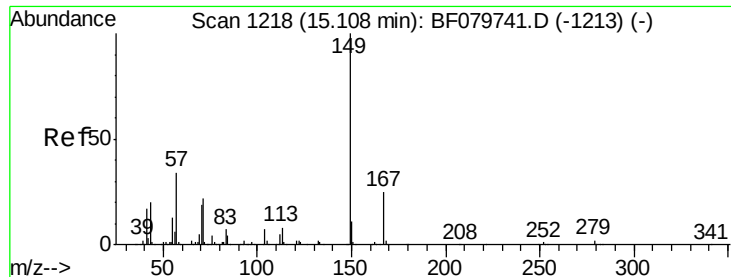
Tgt Ion:252 Resp: 62535
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.0 78.0
 126 8.5 6.9 10.3



#82
 Chrysene
 Concen: 26.95 ng
 RT: 14.99 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Tgt Ion:228 Resp: 211751
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.2 37.8
 229 20.1 16.2 24.4

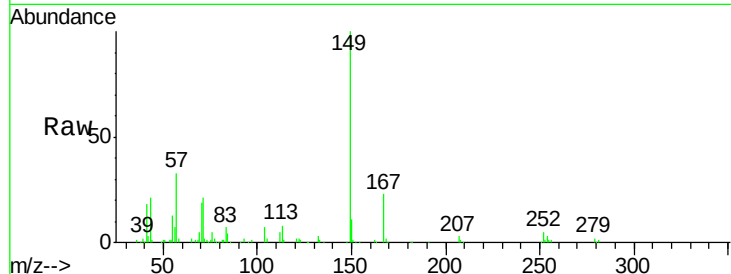




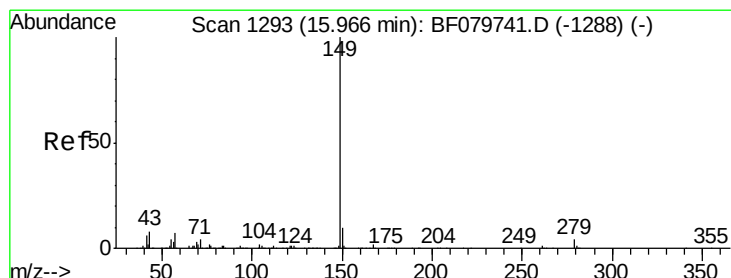
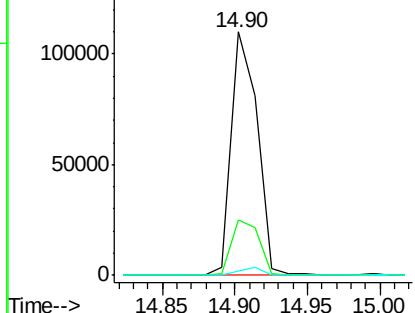
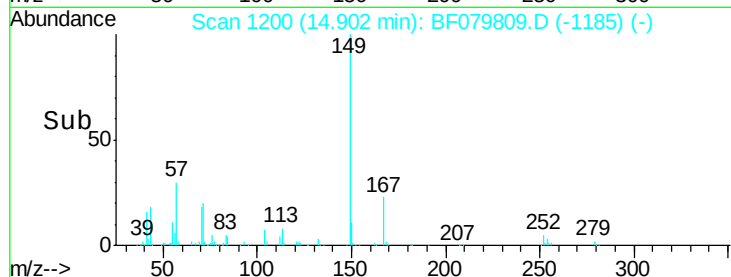
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 25.59 ng
 RT: 14.90 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Instrument :
 BNA_F
 ClientSampleId :
 FS-039MSD

Tgt Ion:149 Resp: 137174
 Ion Ratio Lower Upper
 149 100
 167 22.7 20.9 31.3
 279 1.8 2.2 3.2#

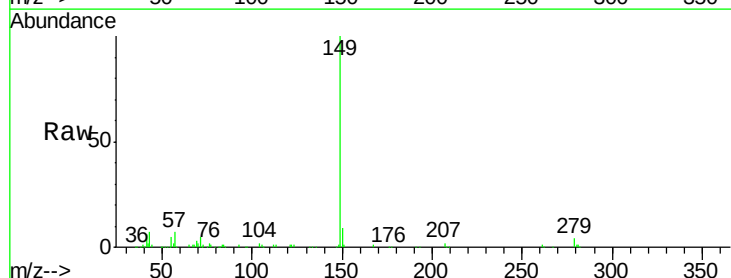


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

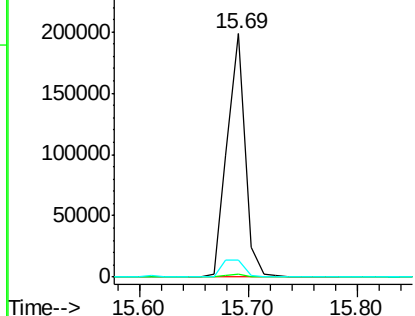
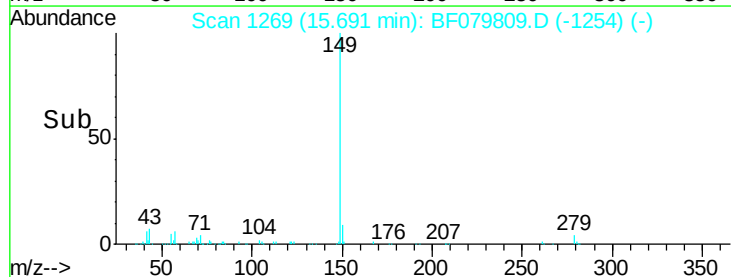


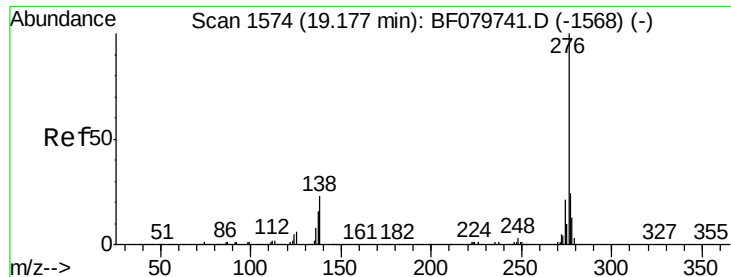
#84
 Di-n-octyl phthalate
 Concen: 24.01 ng
 RT: 15.69 min Scan# 1269
 Delta R.T. -0.02 min
 Lab File: BF079809.D
 Acq: 7 Jun 2015 12:30

Tgt Ion:149 Resp: 226724
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.3 1.9
 43 9.0 9.0 13.4#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 22.89 ng

RT: 18.85 min Scan# 1545

Delta R.T. -0.05 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Instrument :

BNA_F

ClientSampleId :

FS-039MSD

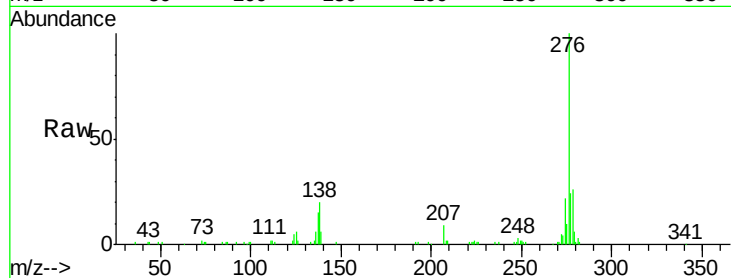
Tgt Ion:276 Resp: 208202

Ion Ratio Lower Upper

276 100

138 23.6 20.8 31.2

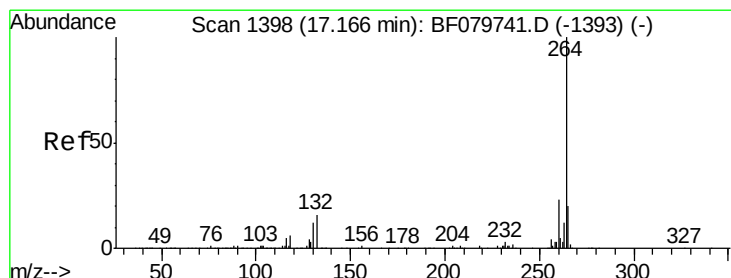
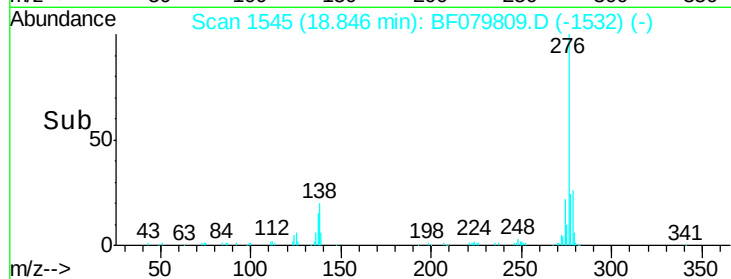
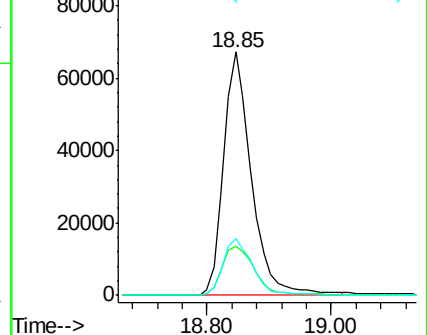
277 24.9 20.0 30.0



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: 16.87 min Scan# 1372

Delta R.T. -0.03 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

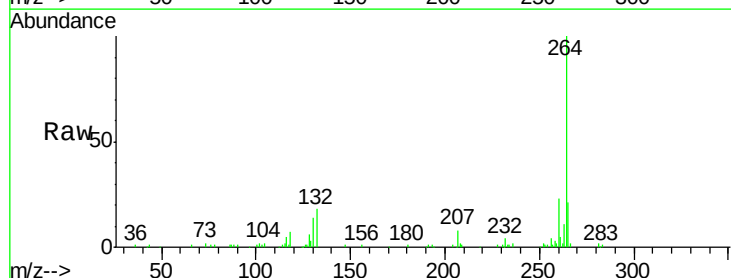
Tgt Ion:264 Resp: 127767

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

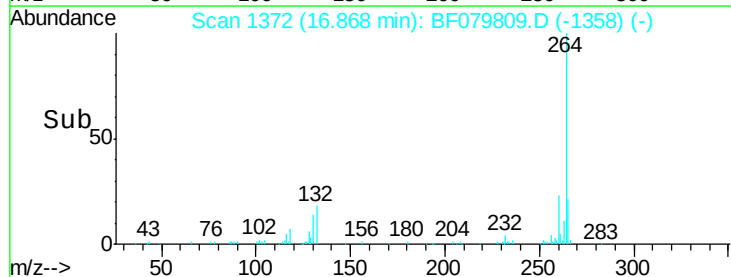
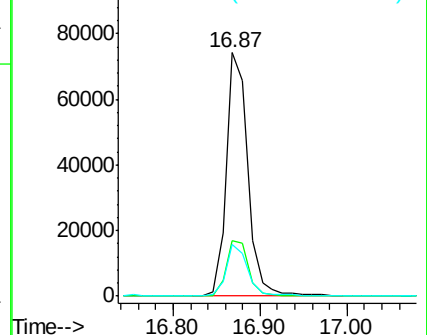
265 21.1 18.2 27.4

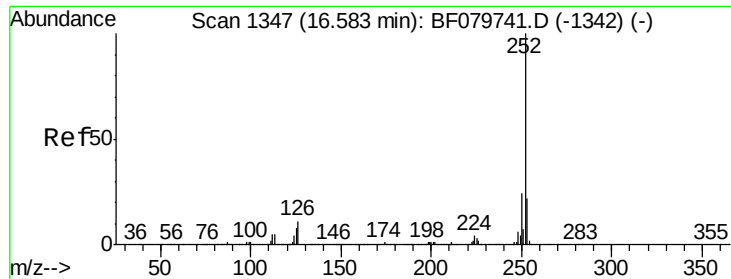


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

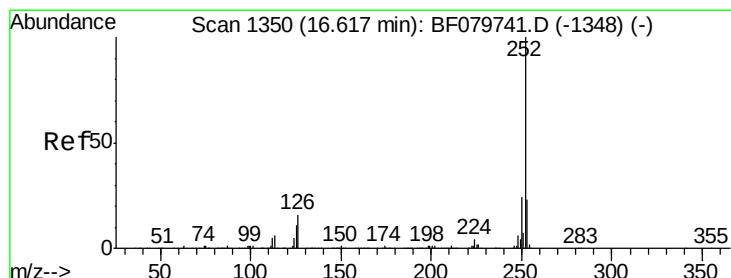
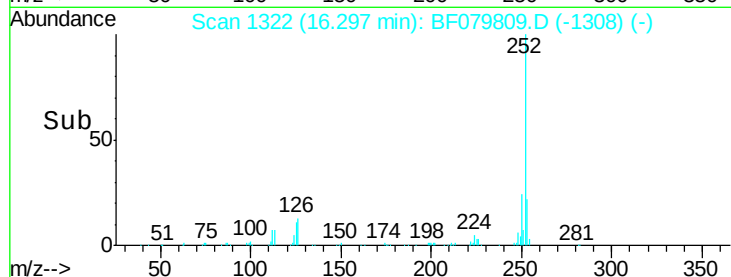
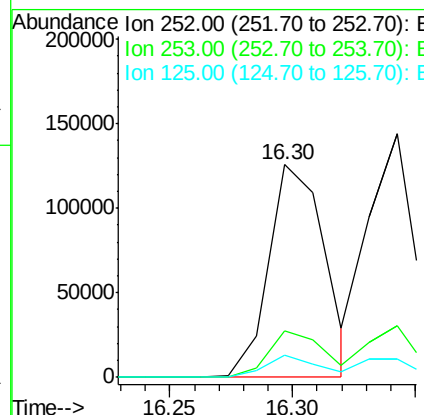
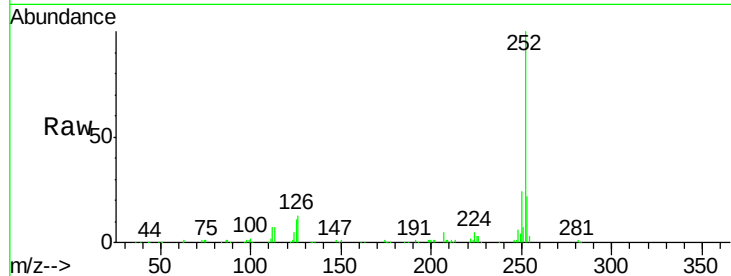




#87
Benzo(b)fluoranthene
Concen: 25.01 ng m
RT: 16.30 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

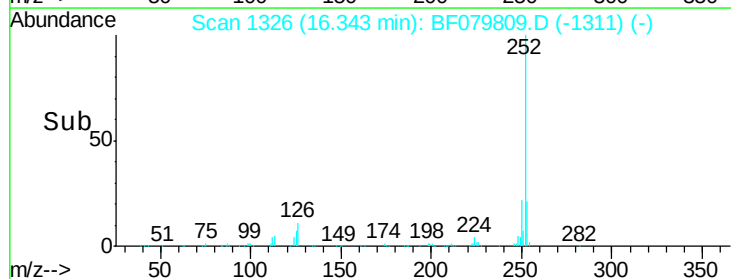
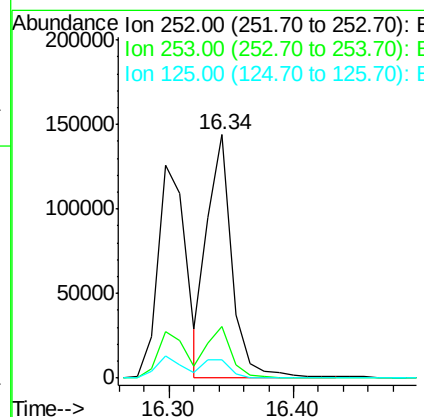
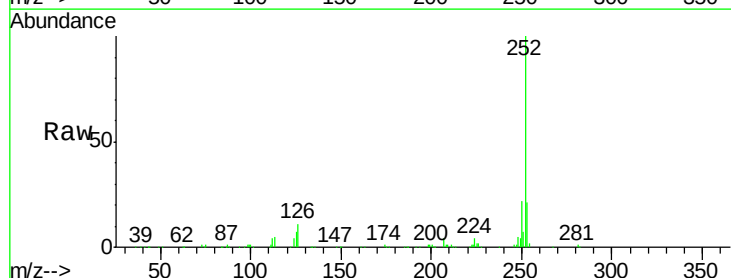
Instrument :
BNA_F
ClientSampleId :
FS-039MSD

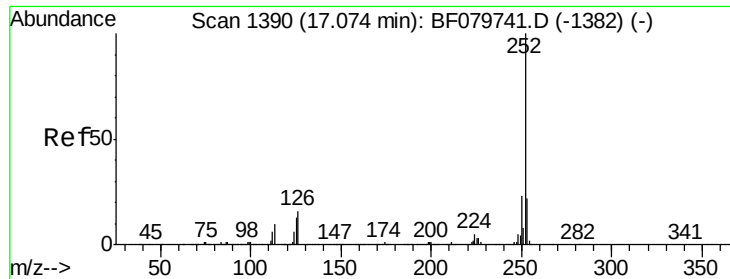
Tgt Ion:252 Resp: 198499
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.6 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 26.76 ng m
RT: 16.34 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF079809.D
Acq: 7 Jun 2015 12:30

Tgt Ion:252 Resp: 203713
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.8
125 7.4 8.4 12.6#





#89

Benzo(a)pyrene

Concen: 26.38 ng

RT: 16.79 min Scan# 1365

Delta R.T. -0.03 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Instrument :

BNA_F

ClientSampleId :

FS-039MSD

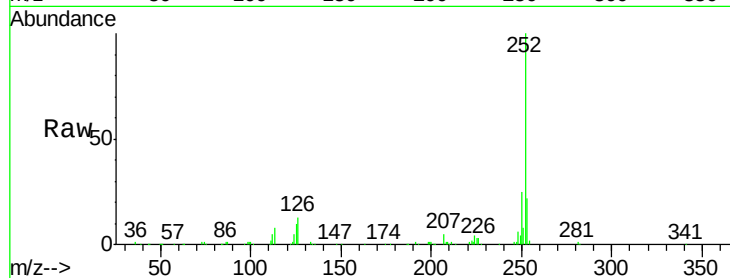
Tgt Ion: 252 Resp: 193302

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

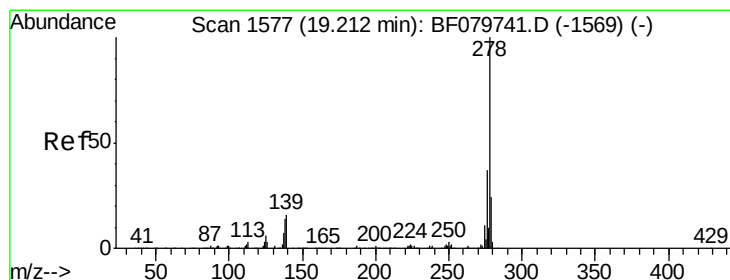
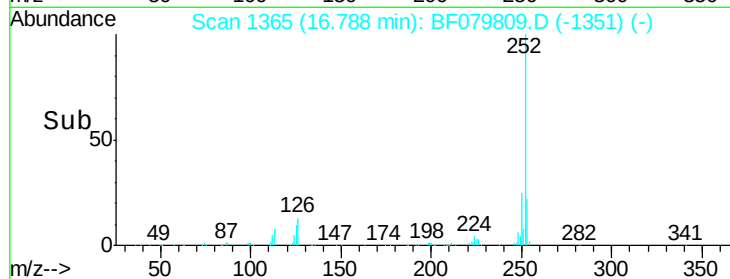
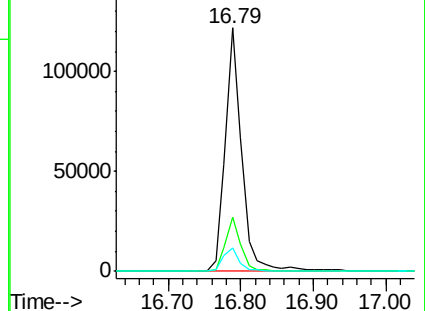
125 9.9 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 23.91 ng

RT: 18.87 min Scan# 1547

Delta R.T. -0.05 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

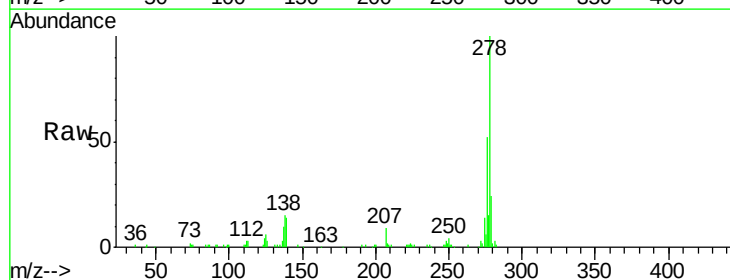
Tgt Ion: 278 Resp: 169058

Ion Ratio Lower Upper

278 100

139 13.7 12.7 19.1

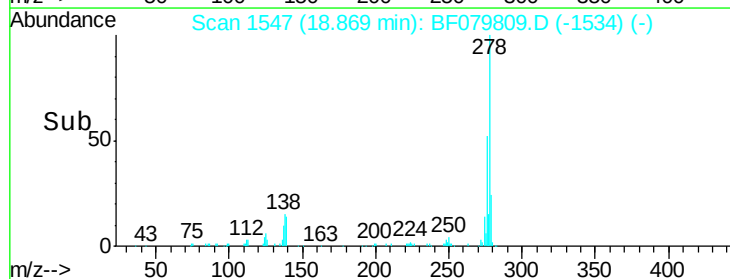
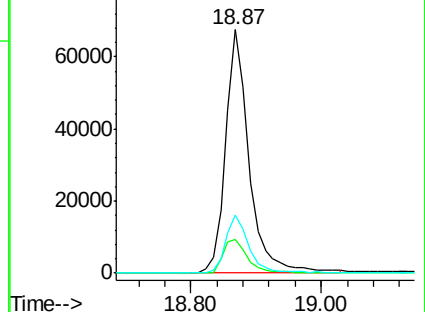
279 23.9 19.4 29.2

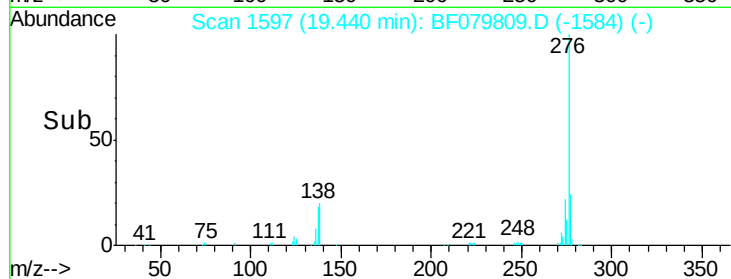
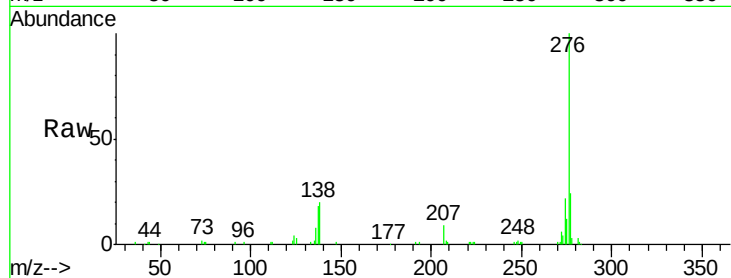
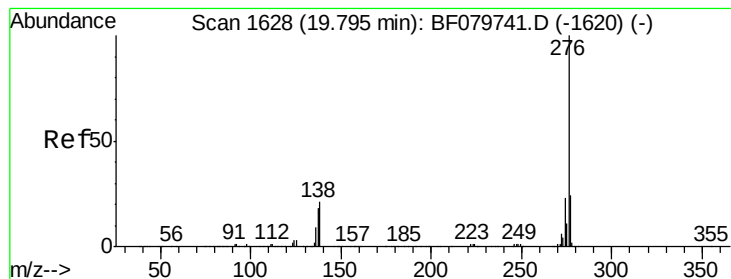


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 24.33 ng

RT: 19.44 min Scan# 1597

Delta R.T. -0.05 min

Lab File: BF079809.D

Acq: 7 Jun 2015 12:30

Instrument :

BNA_F

ClientSampleId :

FS-039MSD

Tgt Ion: 276 Resp: 177865

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 19.7 18.2 27.2

