

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
 Data File : BF079439.D
 Acq On : 22 May 2015 18:05
 Operator : TP/IZ
 Sample : PB83558BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

Quant Time: May 22 23:02:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 22:53:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	72664	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	301127	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	149272	20.00	ng	0.00
63) Phenanthrene-d10	12.64	188	279662	20.00	ng	0.00
75) Chrysene-d12	15.92	240	260024	20.00	ng	-0.05
86) Perylene-d12	17.69	264	259746	20.00	ng	-0.16

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.63	99	496725	89.02	ng	0.00
23) Nitrobenzene-d5	7.75	82	485146	92.59	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	155762	96.46	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	969438	90.48	ng	0.00
78) Terphenyl-d14	14.63	244	1098042	101.10	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.64	93	166110	21.09	ng	# 60
8) 2-Chlorophenol	6.79	128	208672	43.58	ng	# 82
9) Benzaldehyde	6.50	77	30811	8.20	ng	98
10) Phenol	6.65	94	260235	40.20	ng	90
11) bis(2-Chloroethyl)ether	6.74	93	186708	39.35	ng	85
12) 1,3-Dichlorobenzene	6.97	146	215416	40.03	ng	# 95
13) 1,4-Dichlorobenzene	7.07	146	224150	40.47	ng	98
14) 1,2-Dichlorobenzene	7.26	146	212848	41.28	ng	98
15) Benzyl Alcohol	7.24	79	165984	40.07	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.42	45	281016	38.71	ng	95
17) 2-Methylphenol	7.39	107	166693	43.26	ng	94
18) Hexachloroethane	7.67	117	78028	40.90	ng	93
19) n-Nitroso-di-n-propylamine	7.58	70	146774	38.94	ng	98
20) 3+4-Methylphenols	7.60	107	225729	43.97	ng	# 43
22) Acetophenone	7.56	105	289645	42.57	ng	# 88
24) Nitrobenzene	7.77	77	210276	40.49	ng	92
25) Isophorone	8.08	82	388141	39.96	ng	98
26) 2-Nitrophenol	8.17	139	98349	45.75	ng	93
27) 2,4-Dimethylphenol	8.24	122	190649	44.32	ng	95
28) bis(2-Chloroethoxy)methane	8.35	93	240700	40.20	ng	99
29) 2,4-Dichlorophenol	8.47	162	182036	47.59	ng	93
30) 1,2,4-Trichlorobenzene	8.56	180	172942	41.16	ng	98
31) Naphthalene	8.65	128	588170	40.99	ng	99
32) Benzoic acid	8.38	122	108015	41.13	ng	98
33) 4-Chloroaniline	8.74	127	137063	22.58	ng	# 89
34) Hexachlorobutadiene	8.81	225	98036	40.52	ng	97
35) Caprolactam	9.18	113	53266	43.07	ng	93
36) 4-Chloro-3-methylphenol	9.36	107	189269	47.11	ng	99
37) 2-Methylnaphthalene	9.52	142	419736	42.21	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	163120	38.80	ng	99
40) Hexachlorocyclopentadiene	9.70	237	115398	54.59	ng	95
42) 2,4,6-Trichlorophenol	9.87	196	120408	41.66	ng	99
43) 2,4,5-Trichlorophenol	9.92	196	123804	42.37	ng	# 84
45) 1,1'-Biphenyl	10.10	154	491306	41.40	ng	98

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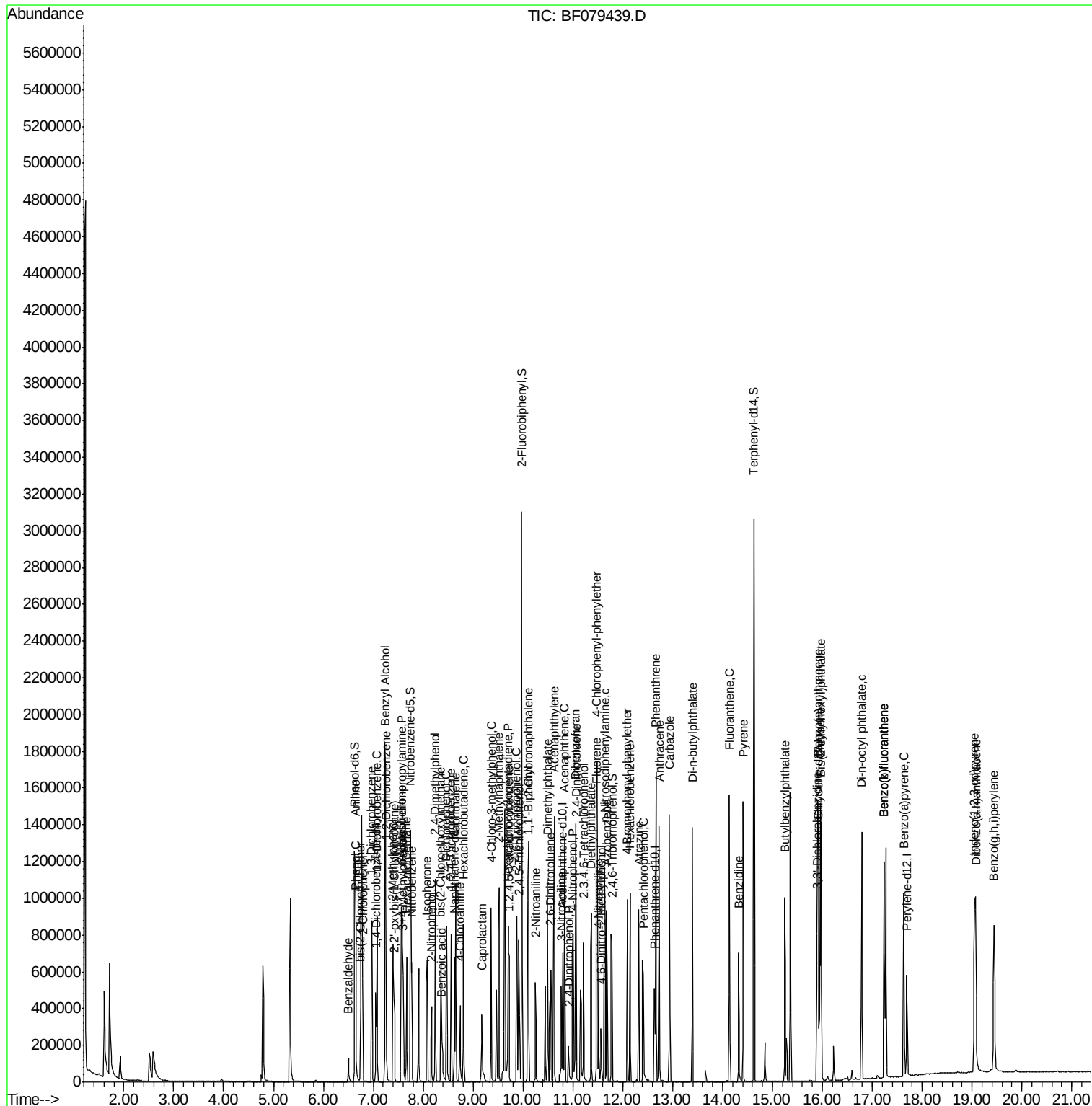
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	10.11	162	382530	41.33	ng	96
47) 2-Nitroaniline	10.25	65	113268	42.23	ng	88
48) Acenaphthylene	10.63	152	641137	42.19	ng	99
49) Dimethylphthalate	10.49	163	446427	40.75	ng	99
50) 2,6-Dinitrotoluene	10.56	165	98323	45.48	ng	# 47
51) Acenaphthene	10.83	154	356325	39.32	ng	99
52) 3-Nitroaniline	10.77	138	82191	30.43	ng	91
53) 2,4-Dinitrophenol	10.91	184	42386	57.48	ng	# 56
54) Dibenzofuran	11.05	168	554502	42.36	ng	98
55) 4-Nitrophenol	10.99	139	136658	63.93	ng	96
56) 2,4-Dinitrotoluene	11.06	165	132040	46.20	ng	# 91
57) Fluorene	11.47	166	447627	41.66	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	96484	40.41	ng	98
59) Diethylphthalate	11.37	149	458844	42.28	ng	96
60) 4-Chlorophenyl-phenylether	11.49	204	193129	40.52	ng	92
61) 4-Nitroaniline	11.52	138	106431	39.39	ng	97
62) Azobenzene	11.68	77	443320	41.45	ng	98
64) 4,6-Dinitro-2-methylphenol	11.57	198	43281	39.89	ng	70
65) n-Nitrosodiphenylamine	11.63	169	384075	41.24	ng	99
66) 4-Bromophenyl-phenylether	12.09	248	125959	43.21	ng	95
67) Hexachlorobenzene	12.15	284	141859	42.58	ng	# 83
68) Atrazine	12.32	200	128634	47.50	ng	96
69) Pentachlorophenol	12.41	266	118524	62.45	ng	97
70) Phenanthrene	12.66	178	653511	41.77	ng	99
71) Anthracene	12.73	178	675402	44.00	ng	99
72) Carbazole	12.94	167	629367	43.02	ng	100
73) Di-n-butylphthalate	13.39	149	759414	43.29	ng	98
74) Fluoranthene	14.14	202	685799	42.07	ng	96
76) Benzidine	14.32	184	318969	45.52	ng	97
77) Pyrene	14.41	202	693857	46.31	ng	99
79) Butylbenzylphthalate	15.25	149	313501	47.86	ng	# 86
80) Benzo(a)anthracene	15.91	228	610975	42.91	ng	99
81) 3,3'-Dichlorobenzidine	15.90	252	175980	34.70	ng	99
82) Chrysene	15.95	228	591352	43.18	ng	99
83) Bis(2-ethylhexyl)phthalate	15.98	149	451703	45.53	ng	# 98
84) Di-n-octyl phthalate	16.79	149	758178	43.39	ng	96
85) Indeno(1,2,3-cd)pyrene	19.05	276	724024	41.49	ng	99
87) Benzo(b)fluoranthene	17.23	252	659086	46.36	ng	100
88) Benzo(k)fluoranthene	17.23	252	659086	47.89	ng	# 96
89) Benzo(a)pyrene	17.63	252	596855	45.59	ng	98
90) Dibenzo(a,h)anthracene	19.07	278	590671	42.45	ng	100
91) Benzo(g,h,i)perylene	19.44	276	601155	43.11	ng	# 95

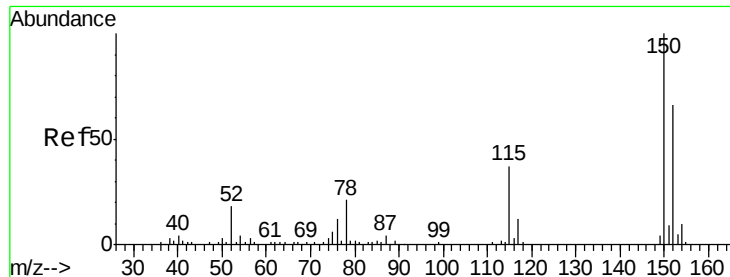
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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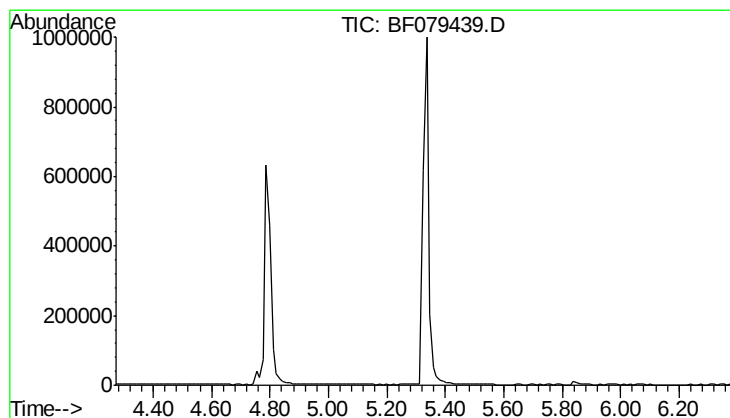
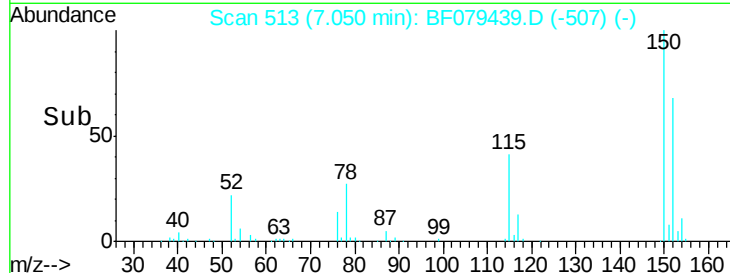
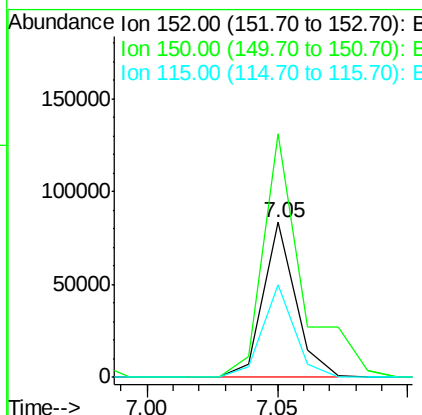
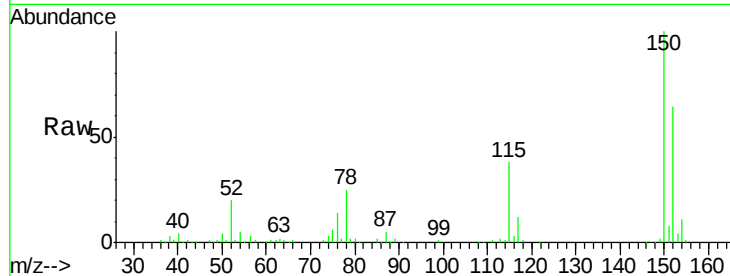




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

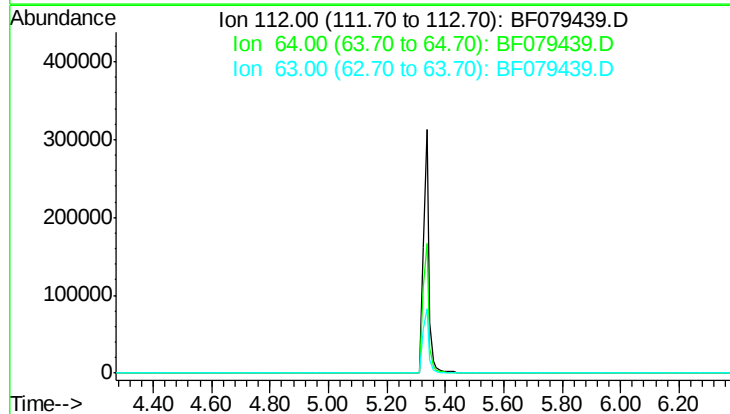
Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

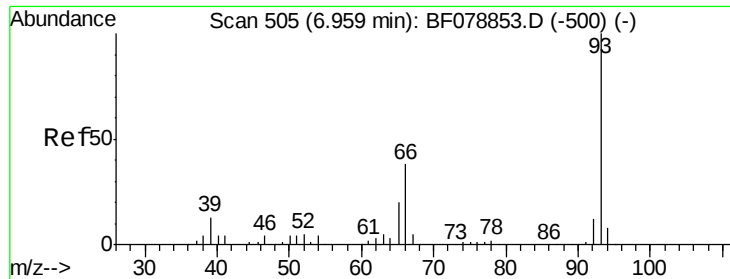
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.8	185.8
115	60.1	49.4	74.0



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.32 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion	Sig	Exp Ratio
112	100	
64	55.2	
63	28.4	





#6

Aniline

Concen: 21.09 ng

RT: 6.64 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB83558BSD

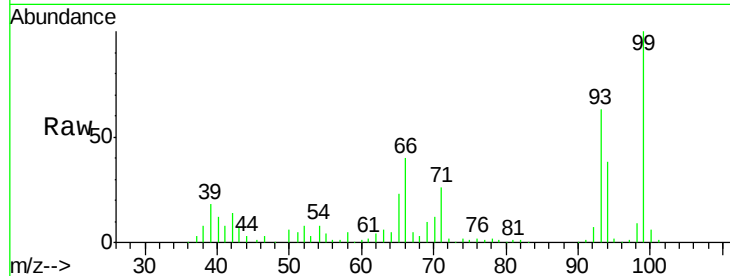
Tgt Ion: 93 Resp: 166110

Ion Ratio Lower Upper

93 100

66 64.0 30.7 46.1#

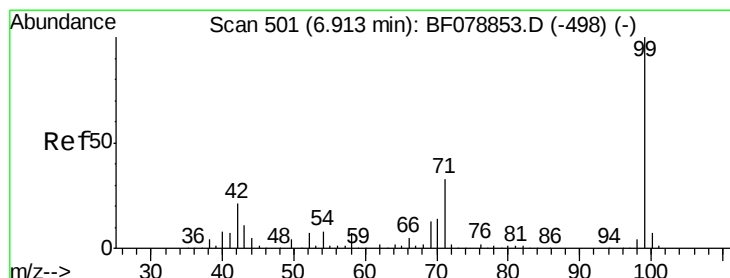
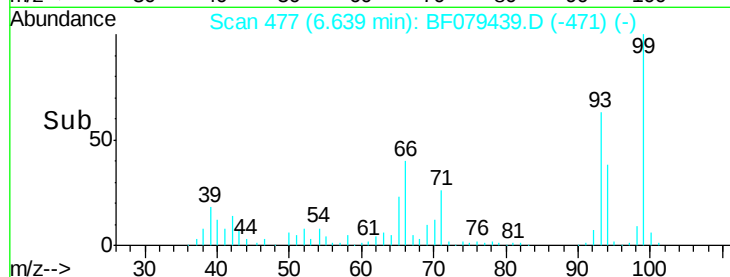
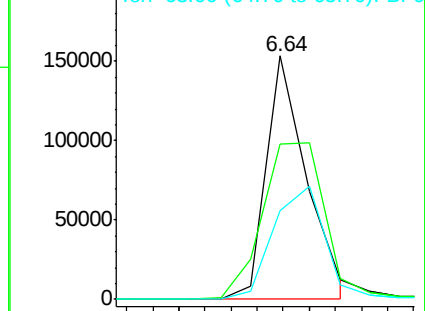
65 36.4 15.8 23.8#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 89.02 ng

RT: 6.63 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

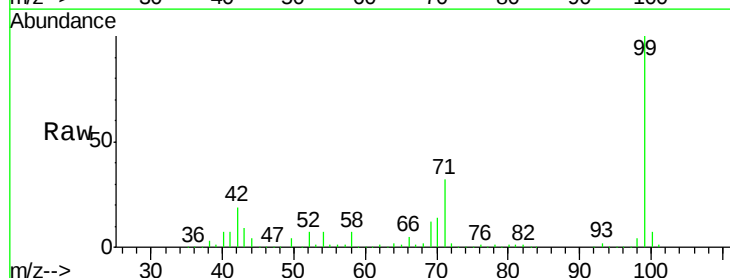
Tgt Ion: 99 Resp: 496725

Ion Ratio Lower Upper

99 100

42 18.6 17.1 25.7

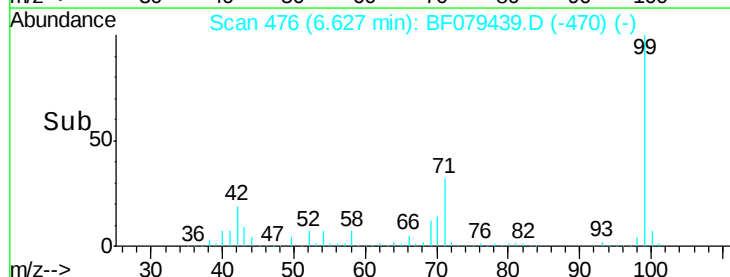
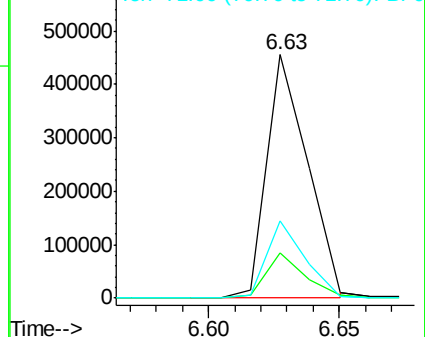
71 31.9 26.3 39.5

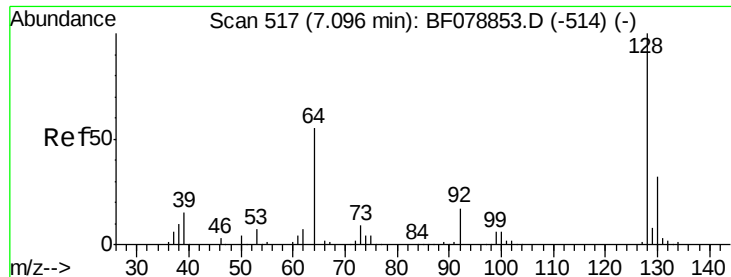


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

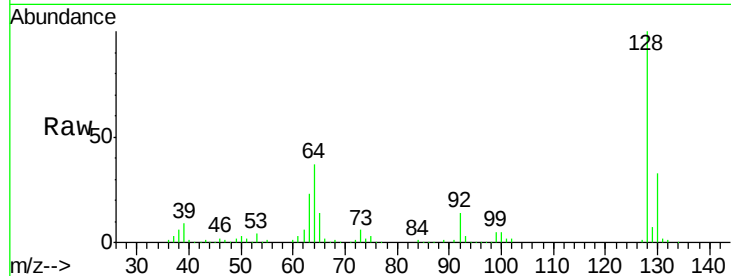




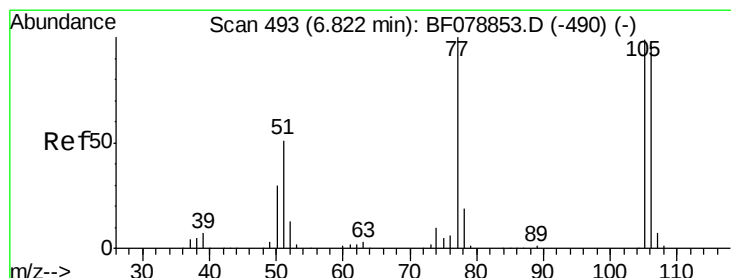
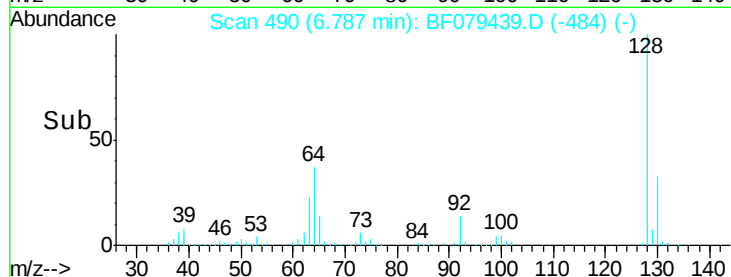
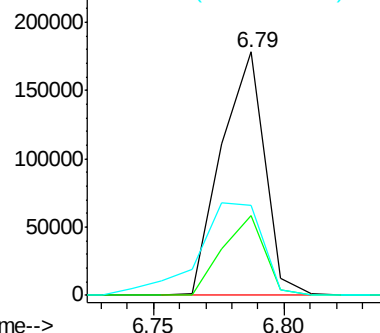
#8
2-Chlorophenol
Concen: 43.58 ng
RT: 6.79 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
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Tgt Ion:128 Resp: 208672
Ion Ratio Lower Upper
128 100
130 32.8 12.4 52.4
64 37.1 37.8 77.8#

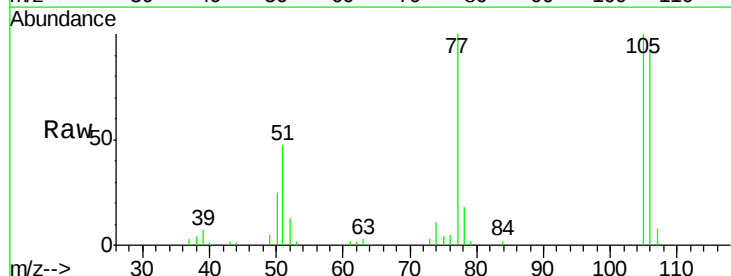


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

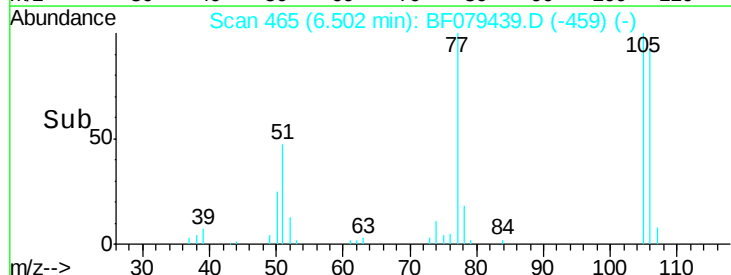
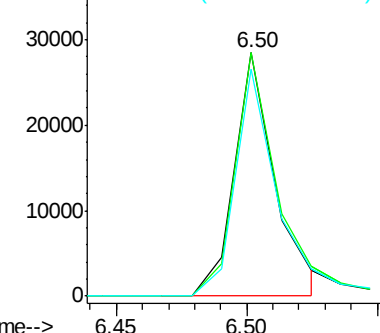


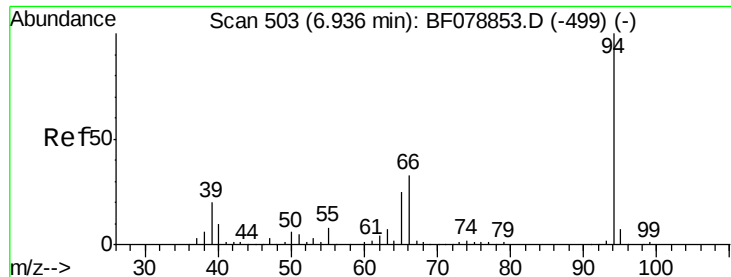
#9
Benzaldehyde
Concen: 8.20 ng
RT: 6.50 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion: 77 Resp: 30811
Ion Ratio Lower Upper
77 100
105 100.0 78.9 118.9
106 93.3 75.8 115.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 40.20 ng

RT: 6.65 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

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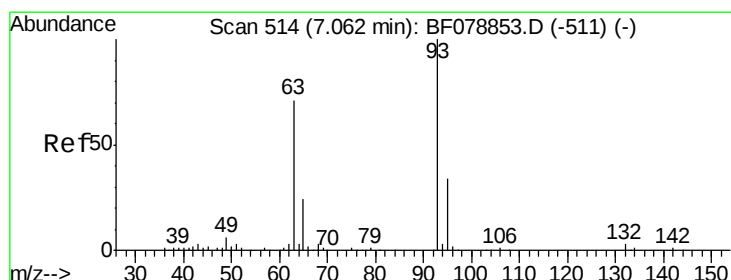
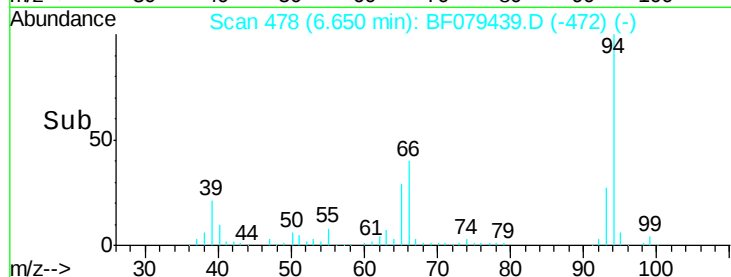
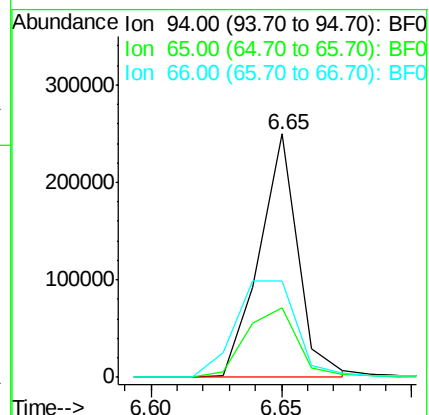
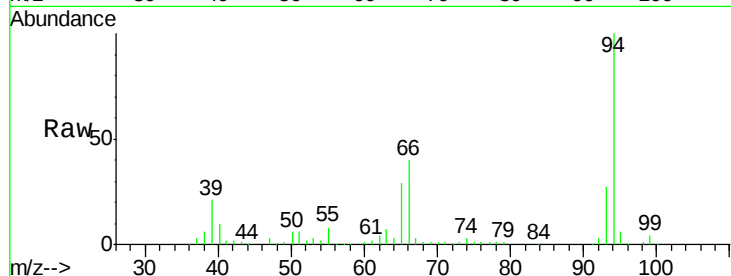
Tgt Ion: 94 Resp: 260235

Ion Ratio Lower Upper

94 100

65 28.7 5.1 45.1

66 39.5 13.1 53.1



#11

bis(2-Chloroethyl)ether

Concen: 39.35 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF079439.D

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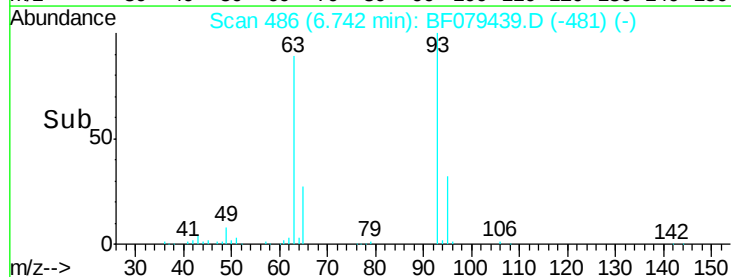
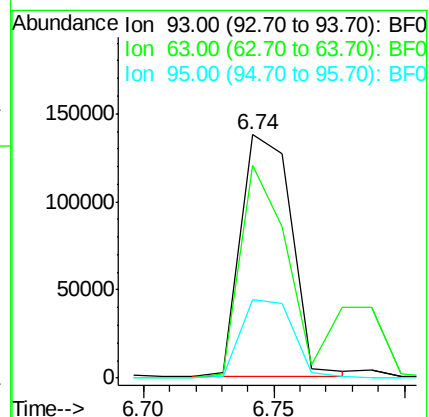
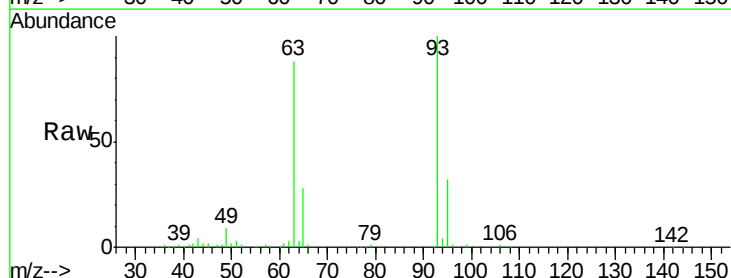
Tgt Ion: 93 Resp: 186708

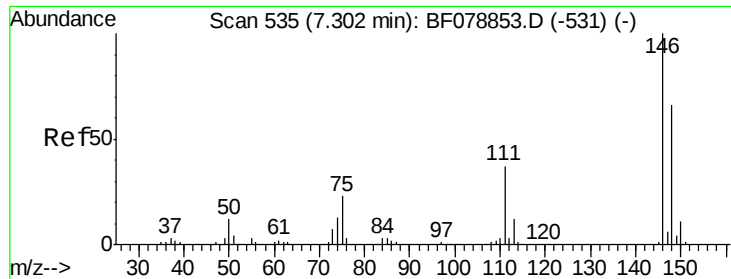
Ion Ratio Lower Upper

93 100

63 87.6 50.8 90.8

95 32.0 13.9 53.9

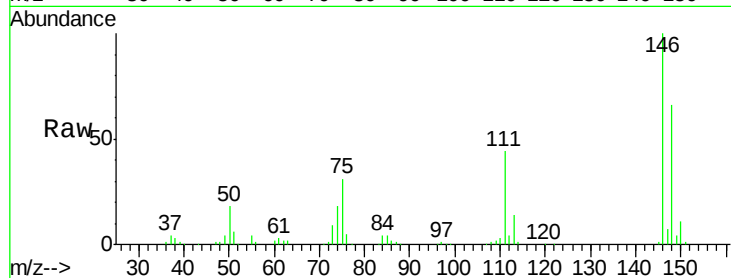




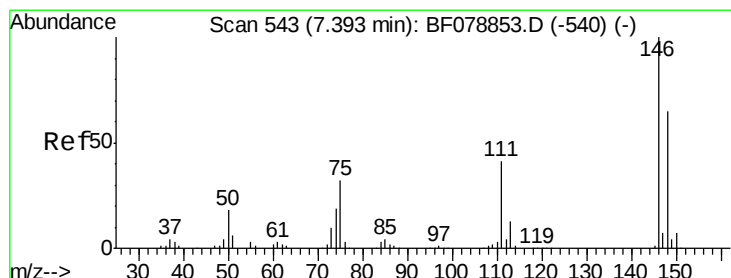
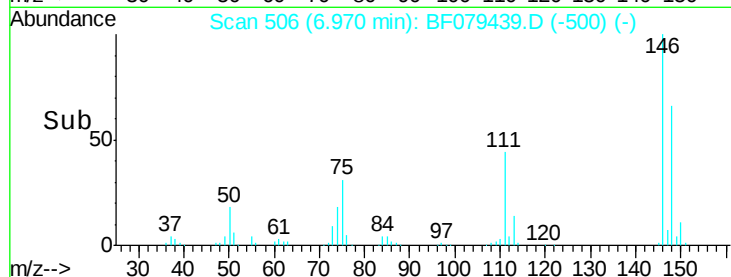
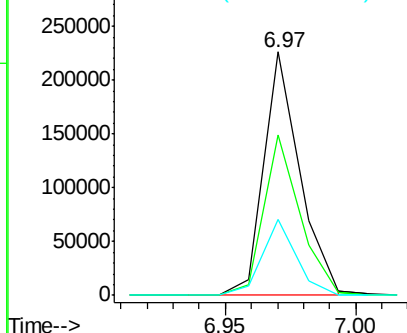
#12
 1,3-Dichlorobenzene
 Concen: 40.03 ng
 RT: 6.97 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF079439.D
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Tgt Ion:146 Resp: 215416
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.4 78.6
 75 31.4 18.6 27.8#

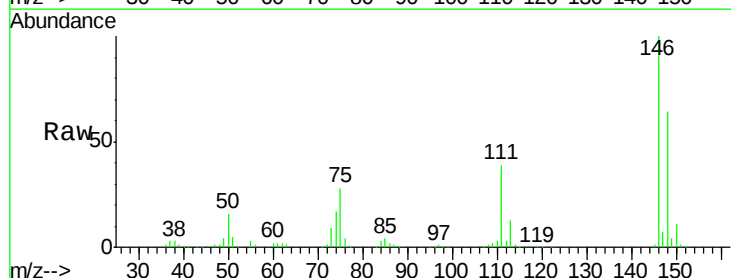


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

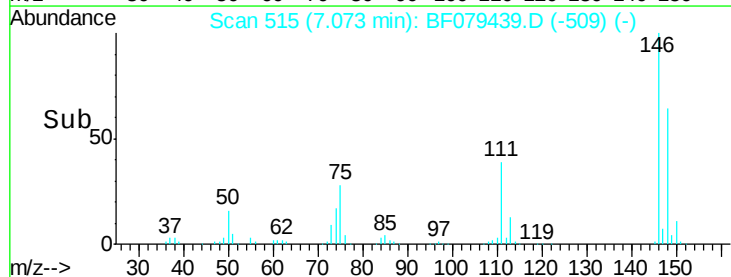
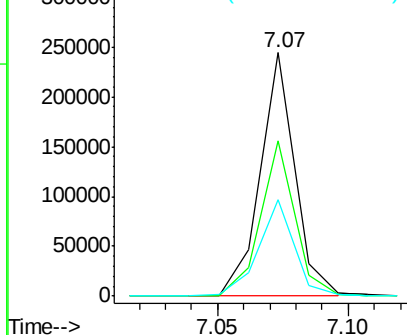


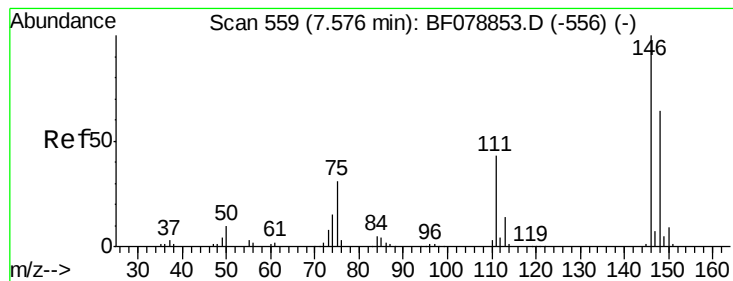
#13
 1,4-Dichlorobenzene
 Concen: 40.47 ng
 RT: 7.07 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion:146 Resp: 224150
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.7 77.5
 111 39.4 32.8 49.2



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





#14

1,2-Dichlorobenzene

Concen: 41.28 ng

RT: 7.26 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB83558BSD

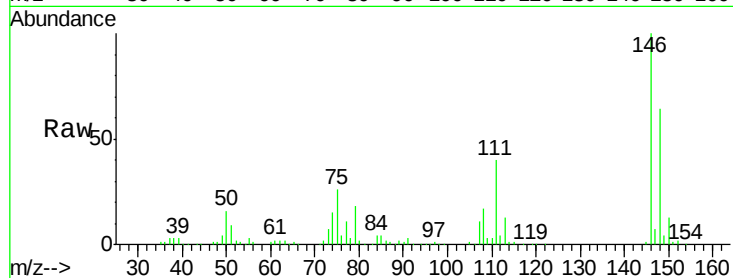
Tgt Ion:146 Resp: 212848

Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

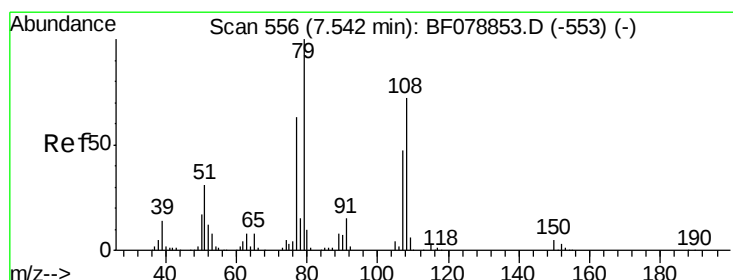
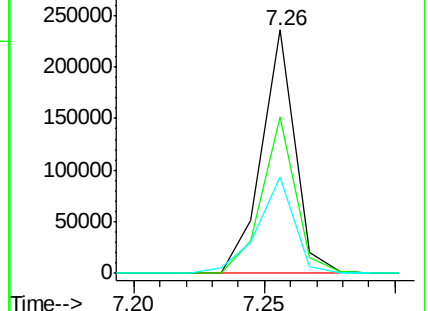
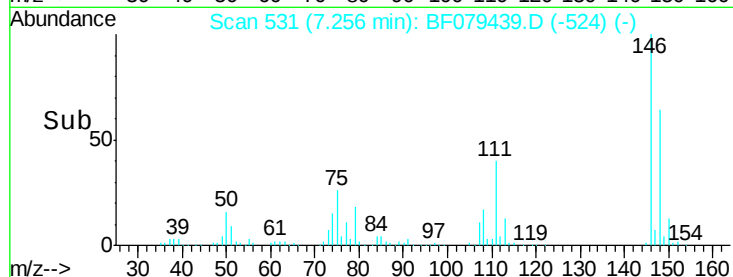
111 39.6 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 40.07 ng

RT: 7.24 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

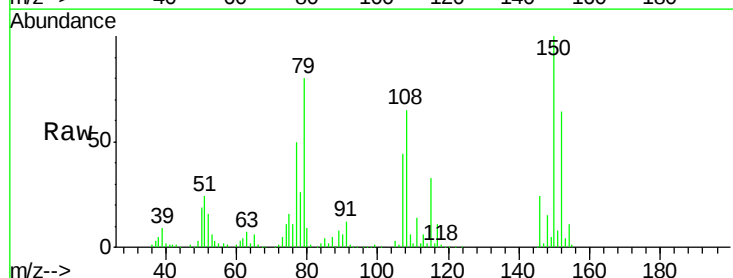
Tgt Ion: 79 Resp: 165984

Ion Ratio Lower Upper

79 100

108 81.3 57.4 86.2

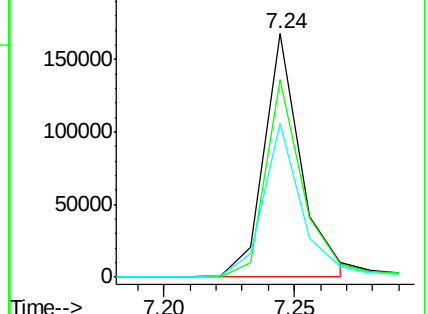
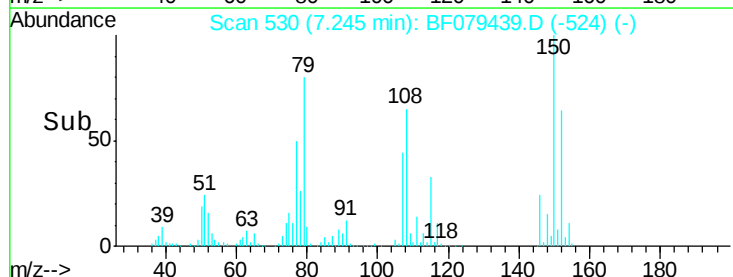
77 63.4 50.2 75.4

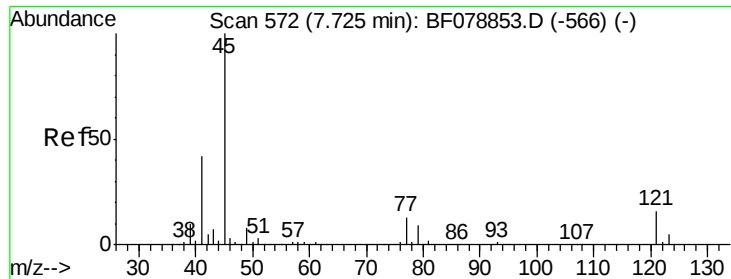


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

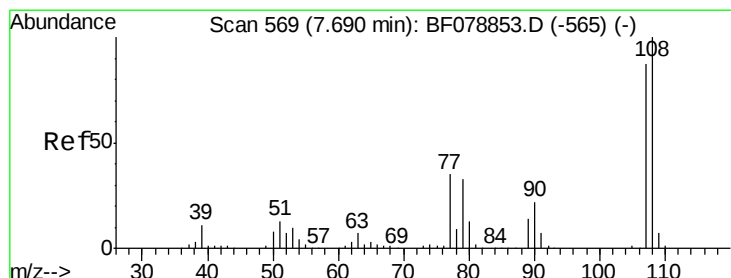
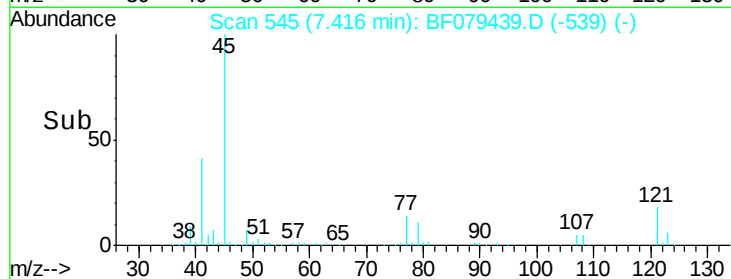
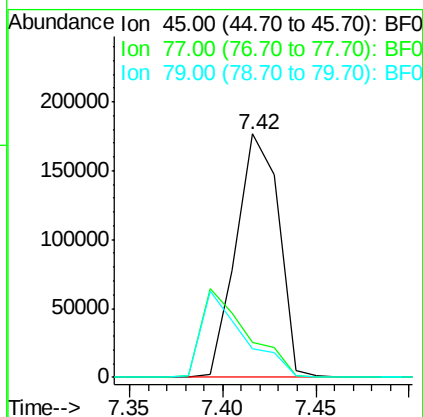
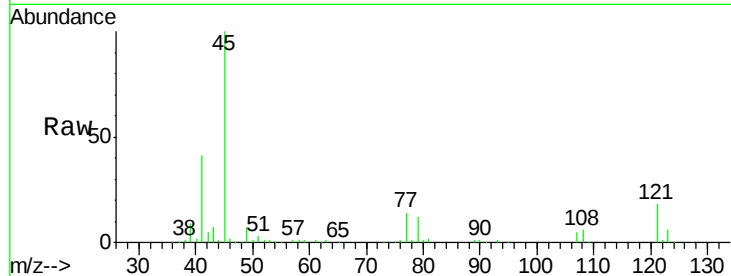




#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.71 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

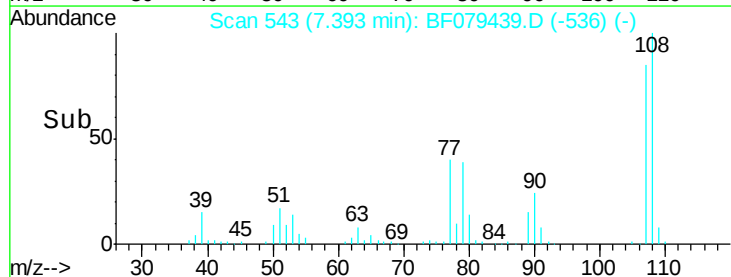
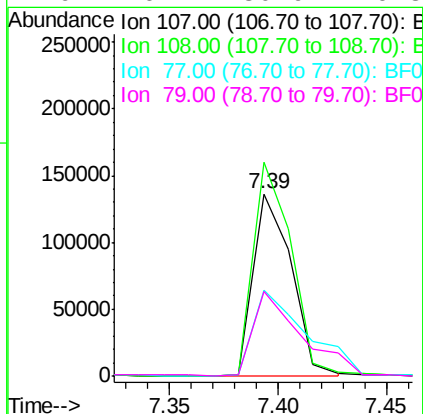
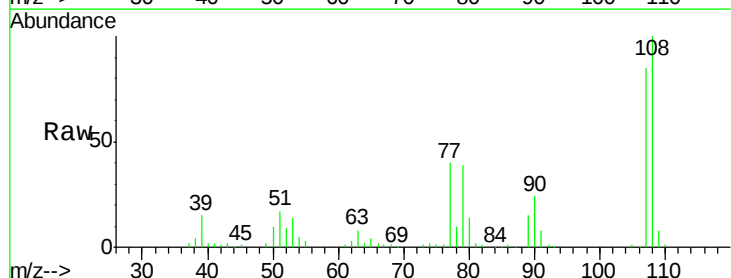
Instrument :
BNA_F
ClientSampleId :
PB83558BSD

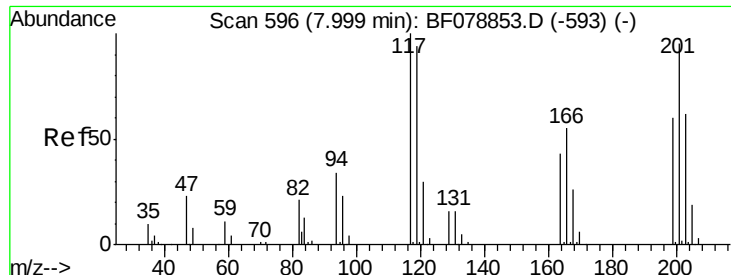
Tgt Ion: 45 Resp: 281016
Ion Ratio Lower Upper
45 100
77 14.4 0.0 32.6
79 11.5 0.0 29.3



#17
2-Methylphenol
Concen: 43.26 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion: 107 Resp: 166693
Ion Ratio Lower Upper
107 100
108 117.4 92.4 138.6
77 47.0 32.6 49.0
79 46.1 30.9 46.3

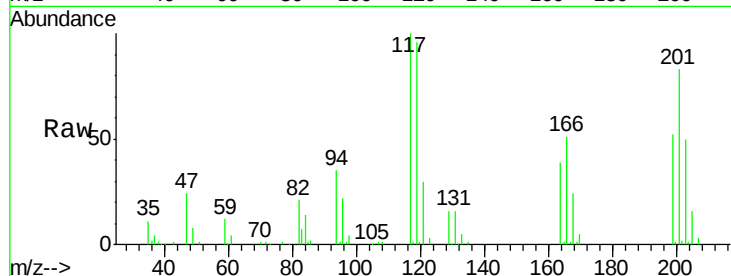




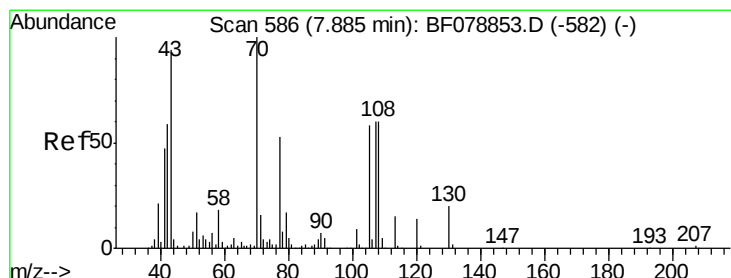
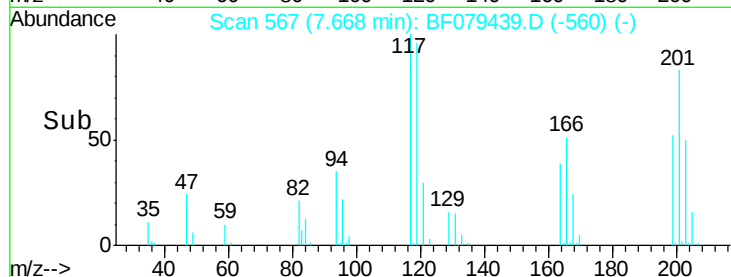
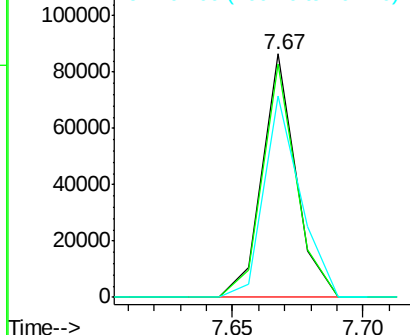
#18
Hexachloroethane
Concen: 40.90 ng
RT: 7.67 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB83558BSD

Tgt Ion: 117 Resp: 78028
Ion Ratio Lower Upper
117 100
119 95.7 75.2 112.8
201 82.6 75.8 113.8

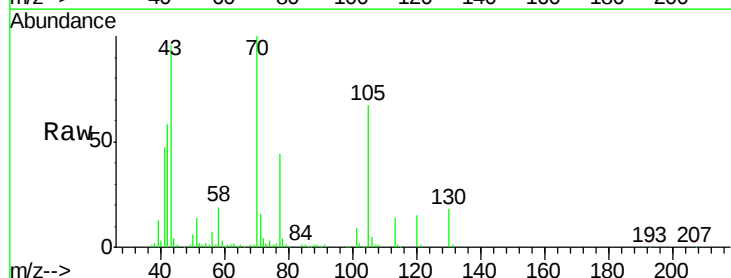


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

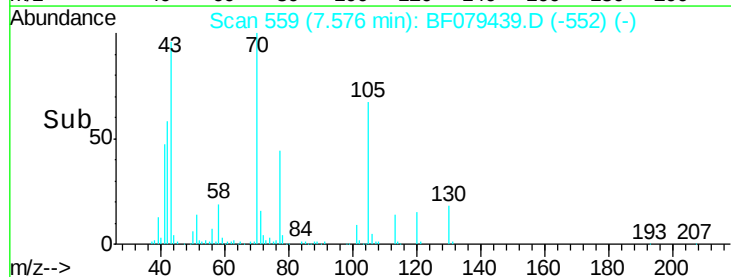
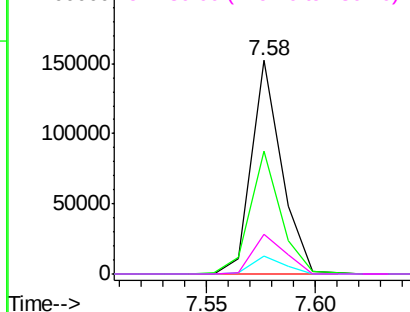


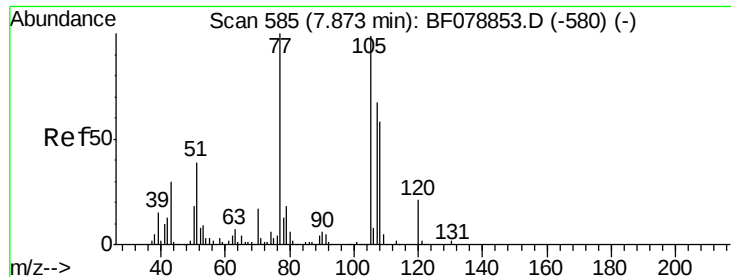
#19
n-Nitroso-di-n-propylamine
Concen: 38.94 ng
RT: 7.58 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion: 70 Resp: 146774
Ion Ratio Lower Upper
70 100
42 57.8 47.3 70.9
101 8.7 7.5 11.3
130 18.4 15.8 23.6



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

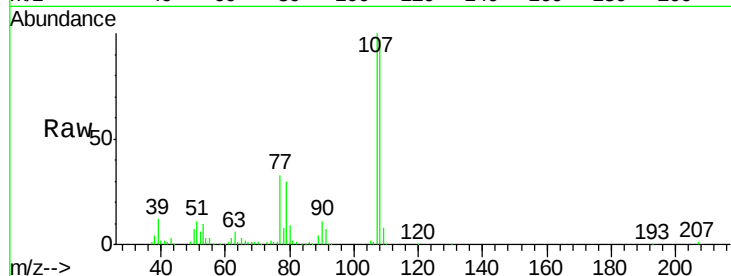




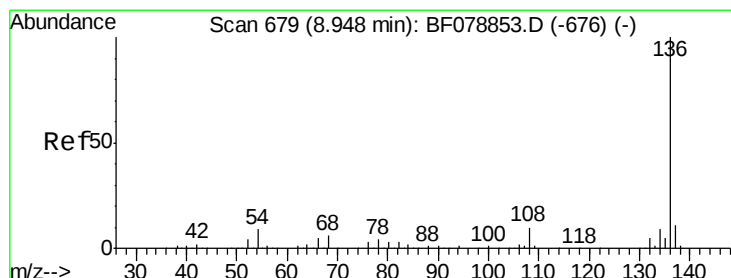
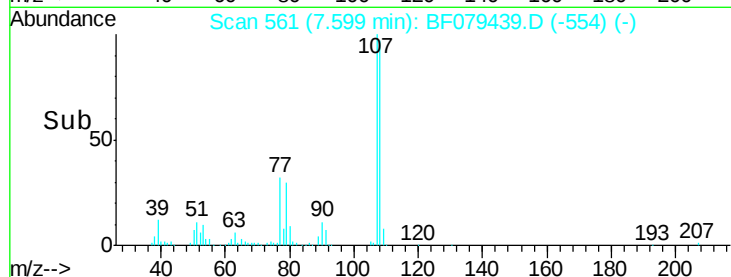
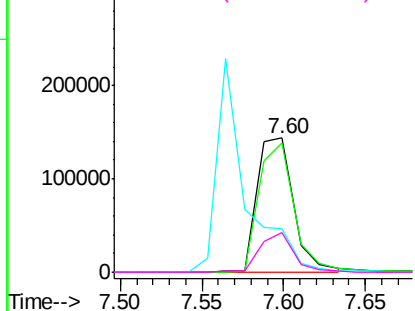
#20
3+4-Methylphenols
Concen: 43.97 ng
RT: 7.60 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB83558BSD

Tgt Ion:107 Resp: 225729
Ion Ratio Lower Upper
107 100
108 97.1 66.5 106.5
77 32.5 130.6 170.6#
79 29.8 6.4 46.4

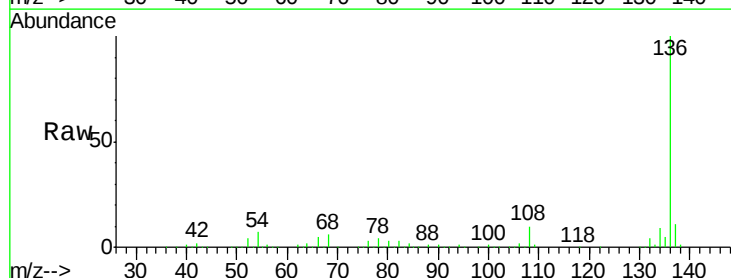


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

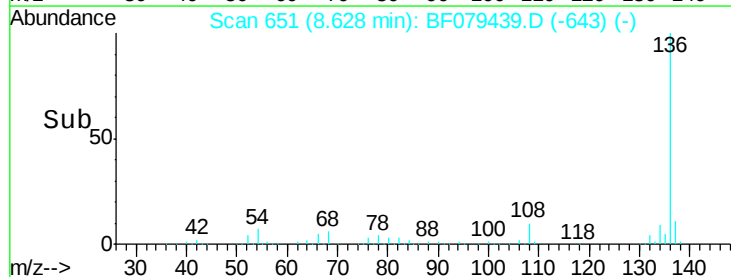
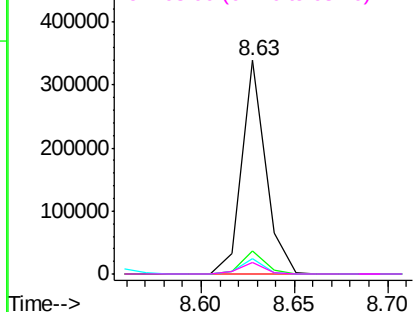


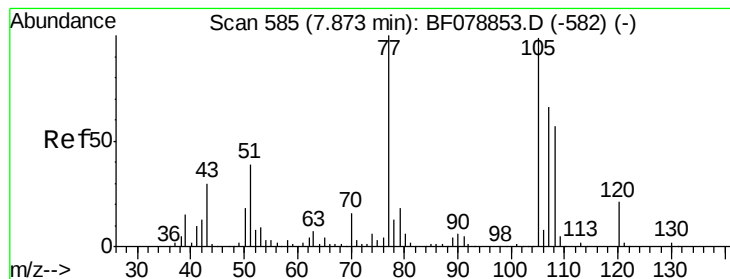
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.63 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion:136 Resp: 301127
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.4 6.9 10.3
68 5.7 4.9 7.3



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: 42.57 ng

RT: 7.56 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB83558BSD

Tgt Ion: 105 Resp: 289645

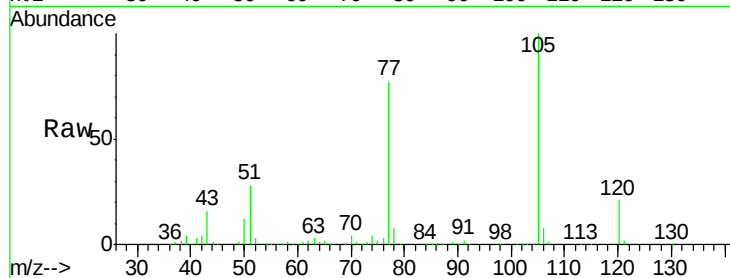
Ion Ratio Lower Upper

105 100

71 0.7 2.2 3.4#

51 27.8 31.1 46.7#

120 20.5 16.7 25.1

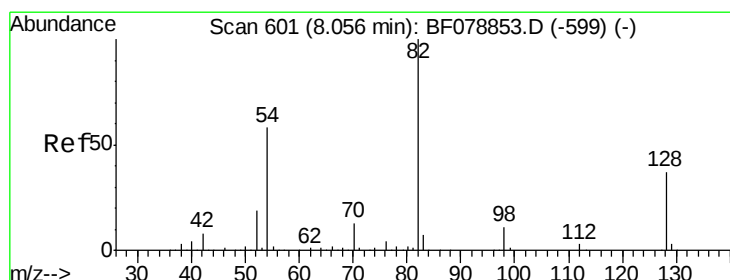
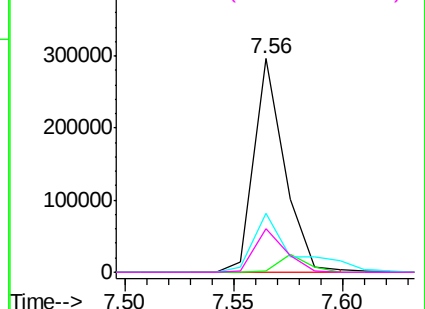
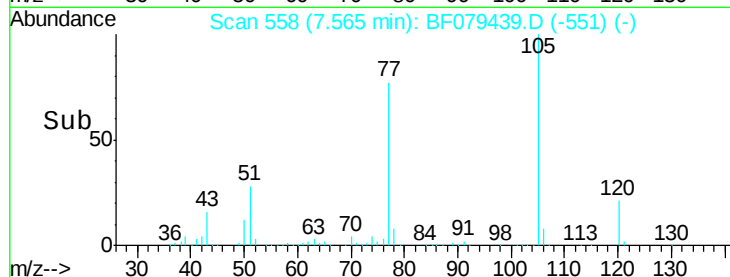


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 92.59 ng

RT: 7.75 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

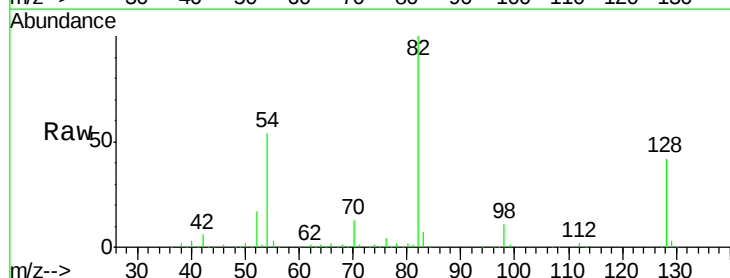
Tgt Ion: 82 Resp: 485146

Ion Ratio Lower Upper

82 100

128 41.9 29.7 44.5

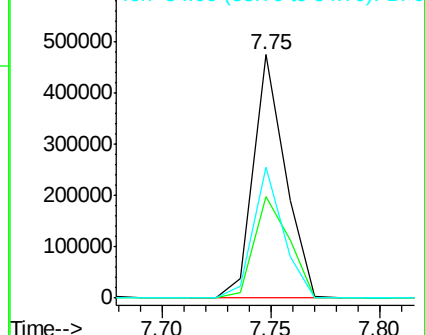
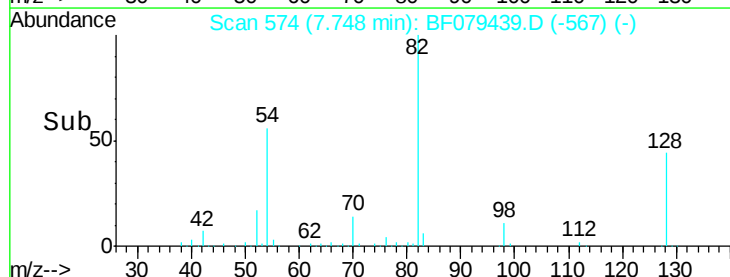
54 53.6 46.2 69.4

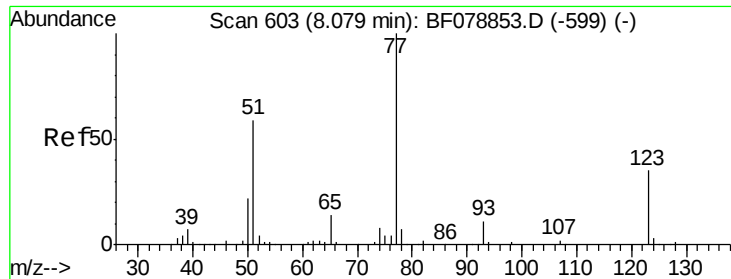


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 40.49 ng

RT: 7.77 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB83558BSD

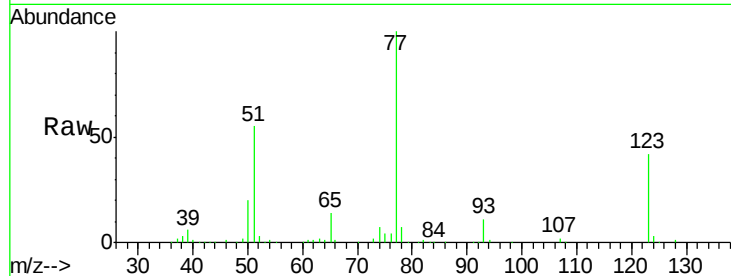
Tgt Ion: 77 Resp: 210276

Ion Ratio Lower Upper

77 100

123 41.9 28.3 42.5

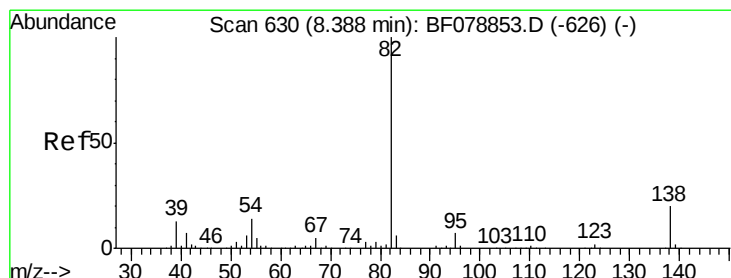
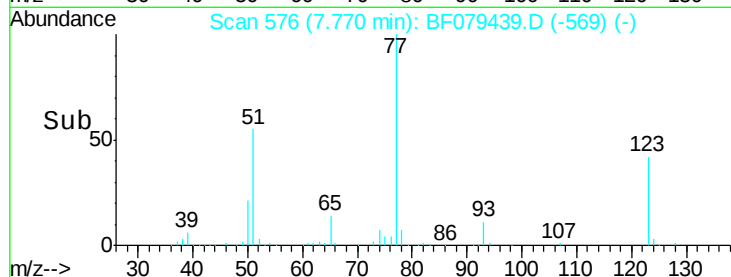
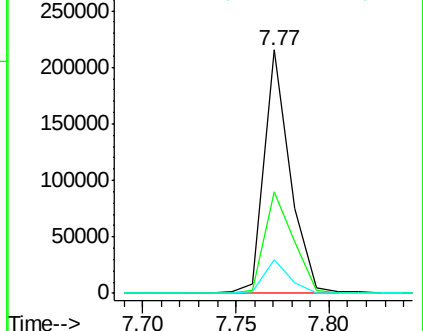
65 13.7 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 39.96 ng

RT: 8.08 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

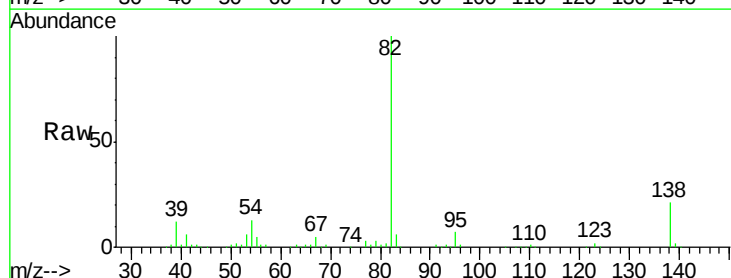
Tgt Ion: 82 Resp: 388141

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

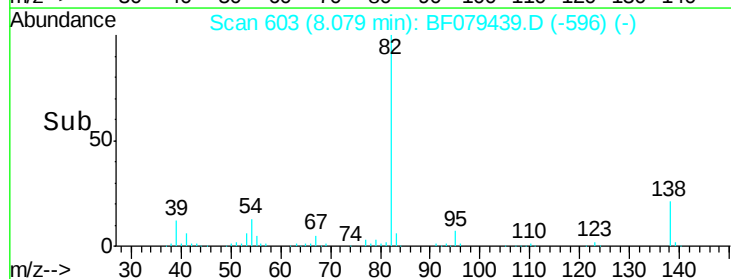
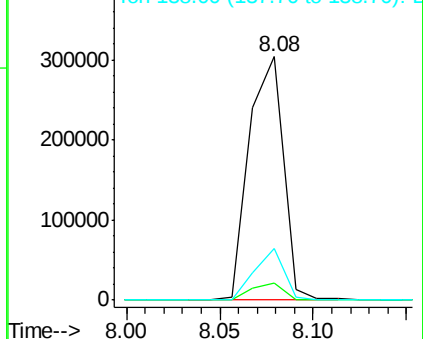
138 21.1 16.1 24.1

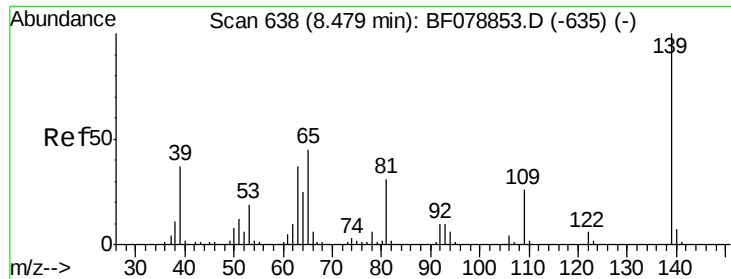


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

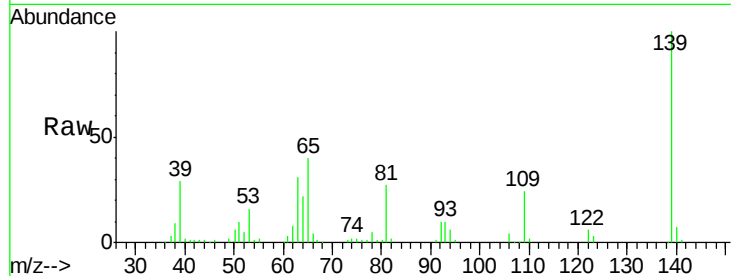




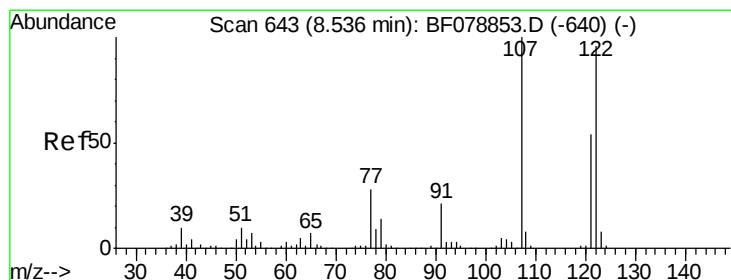
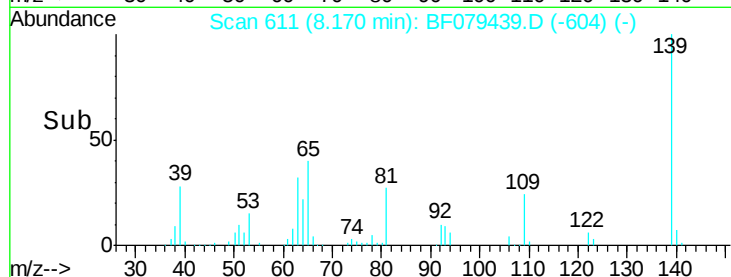
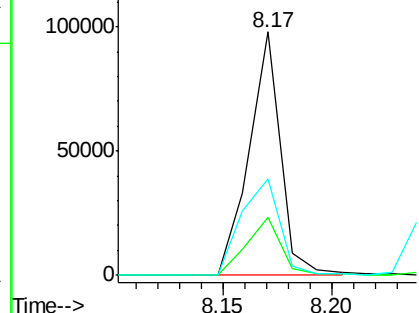
#26
 2-Nitrophenol
 Concen: 45.75 ng
 RT: 8.17 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

Tgt Ion:139 Resp: 98349
 Ion Ratio Lower Upper
 139 100
 109 24.0 20.9 31.3
 65 39.6 35.8 53.8

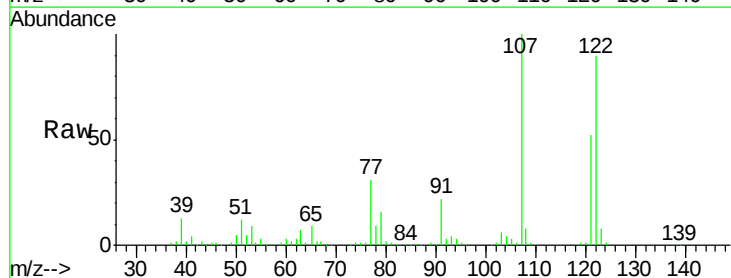


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

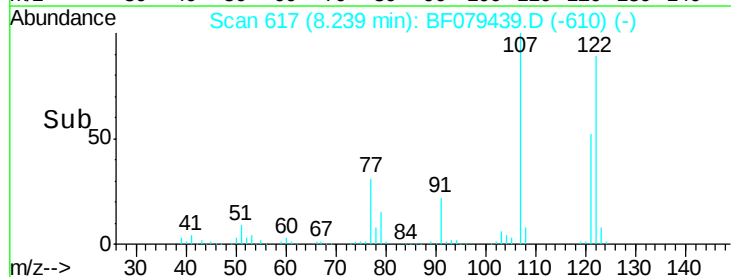
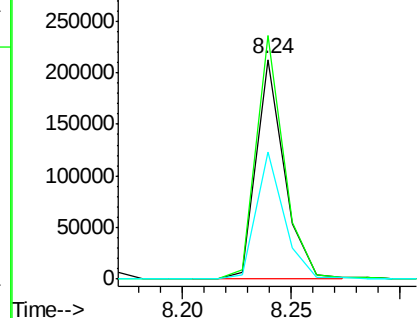


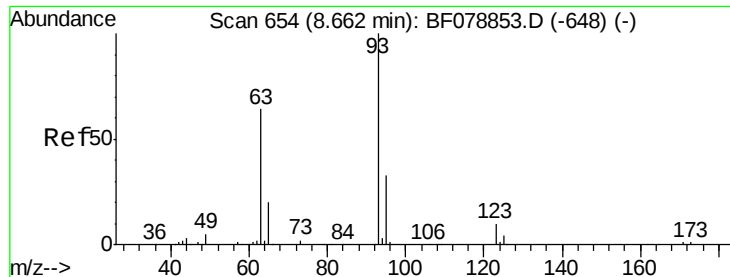
#27
 2,4-Dimethylphenol
 Concen: 44.32 ng
 RT: 8.24 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion:122 Resp: 190649
 Ion Ratio Lower Upper
 122 100
 107 111.0 83.6 125.4
 121 57.7 44.9 67.3



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



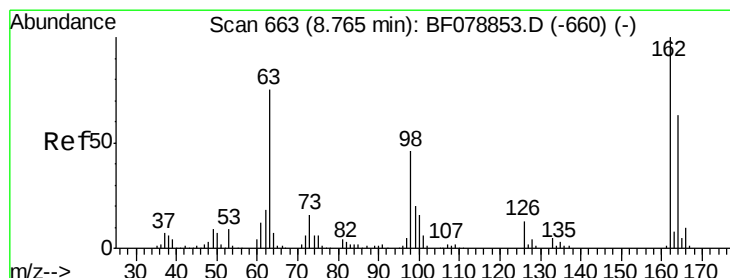
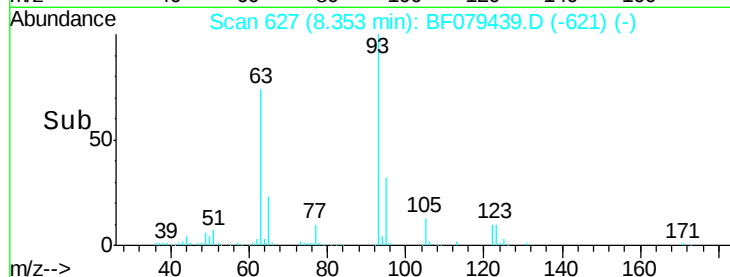
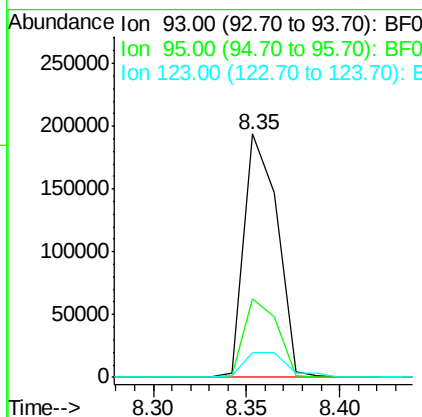
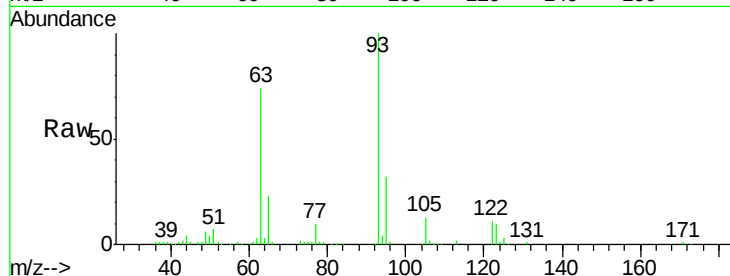


#28
bis(2-Chloroethoxy)methane
Concen: 40.20 ng
RT: 8.35 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB83558BSD

Tgt Ion: 93 Resp: 240700

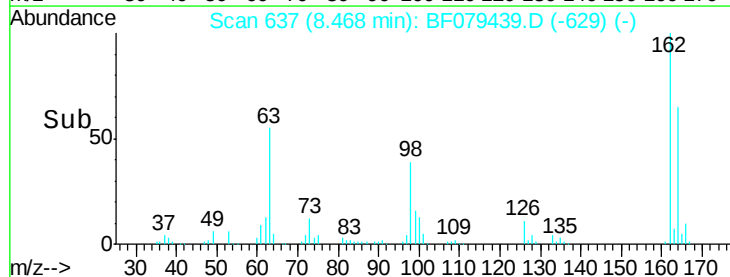
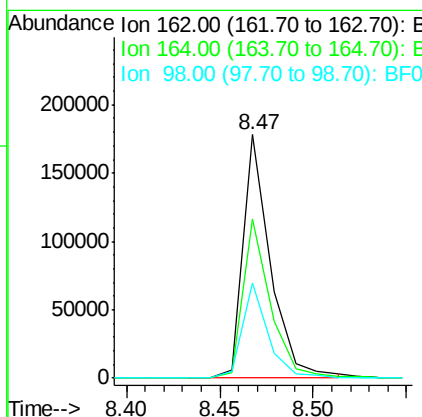
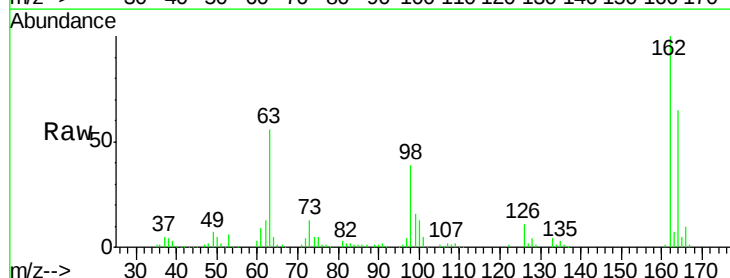
Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.2
123	10.3	8.6	12.8

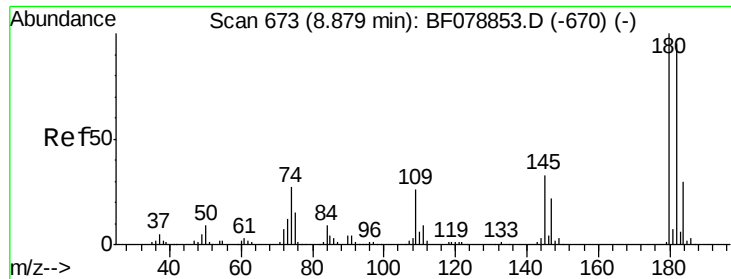


#29
2,4-Dichlorophenol
Concen: 47.59 ng
RT: 8.47 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion: 162 Resp: 182036

Ion	Ratio	Lower	Upper
162	100		
164	65.3	42.7	82.7
98	39.0	26.3	66.3

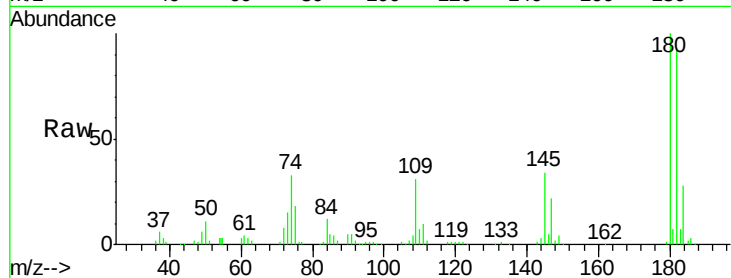




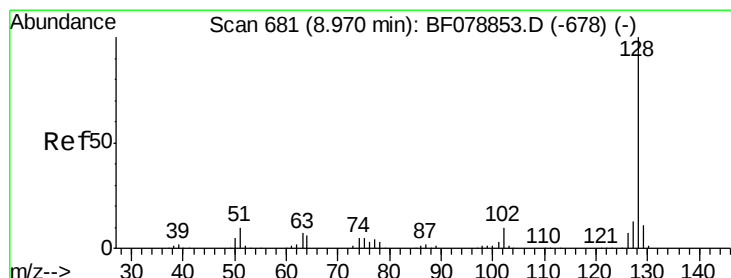
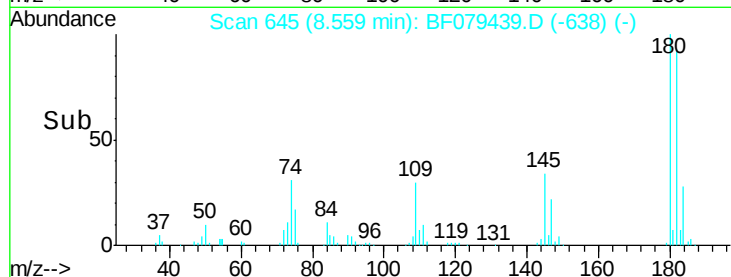
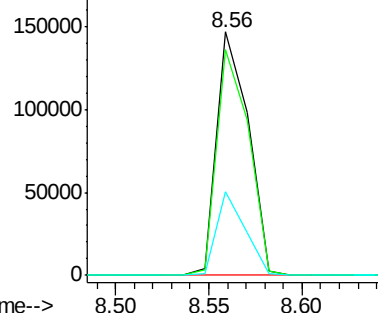
#30
1,2,4-Trichlorobenzene
Concen: 41.16 ng
RT: 8.56 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Instrument :
BNA_F
ClientSampleId :
PB83558BSD

Tgt Ion:180 Resp: 172942
Ion Ratio Lower Upper
180 100
182 92.8 75.7 113.5
145 34.2 26.2 39.4

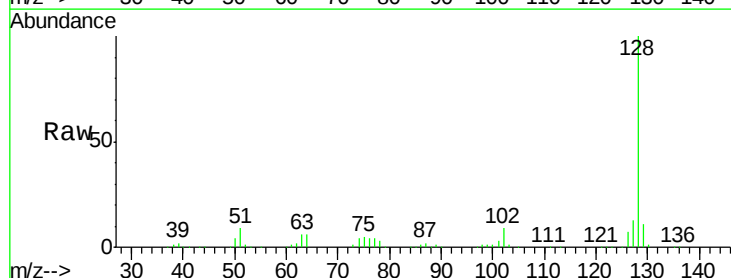


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

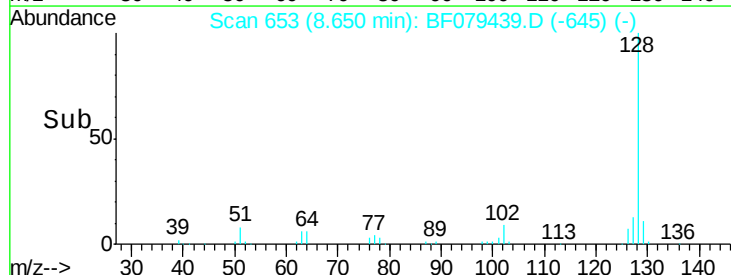
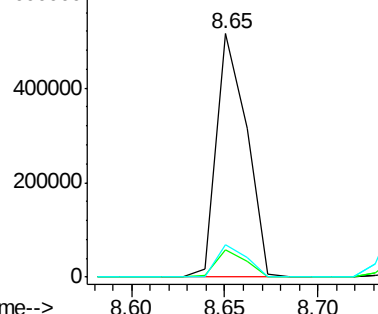


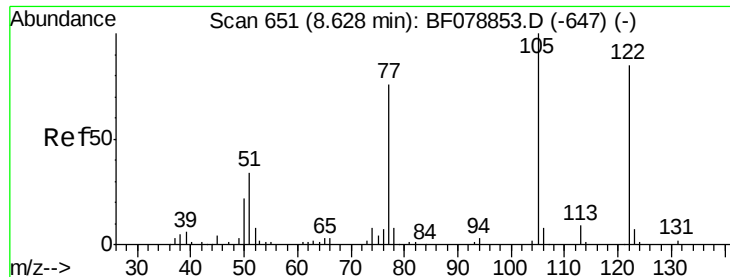
#31
Naphthalene
Concen: 40.99 ng
RT: 8.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion:128 Resp: 588170
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.3 10.3 15.5



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: 41.13 ng

RT: 8.38 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB83558BSD

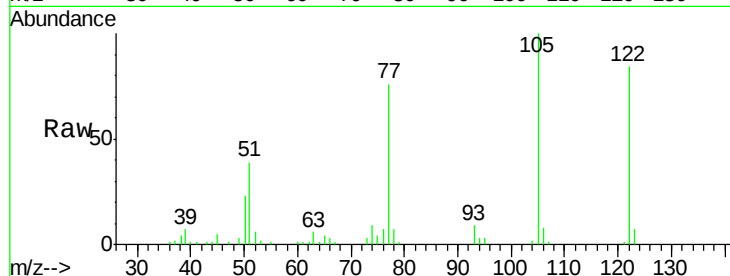
Tgt Ion:122 Resp: 108015

Ion Ratio Lower Upper

122 100

105 118.5 100.7 140.7

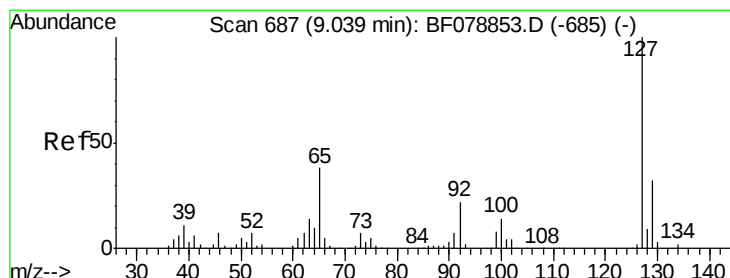
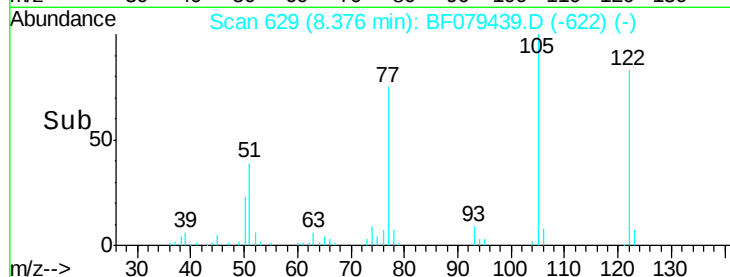
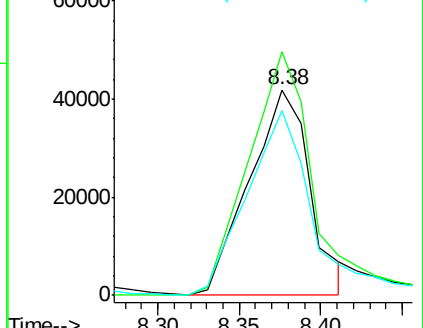
77 90.0 72.0 112.0



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: 22.58 ng

RT: 8.74 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Tgt Ion:127 Resp: 137063

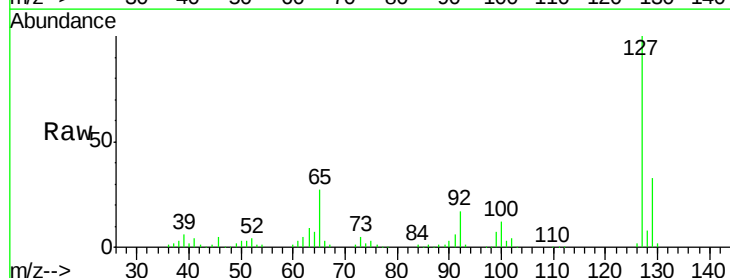
Ion Ratio Lower Upper

127 100

129 32.8 25.6 38.4

65 26.8 30.2 45.4#

92 16.9 17.5 26.3#

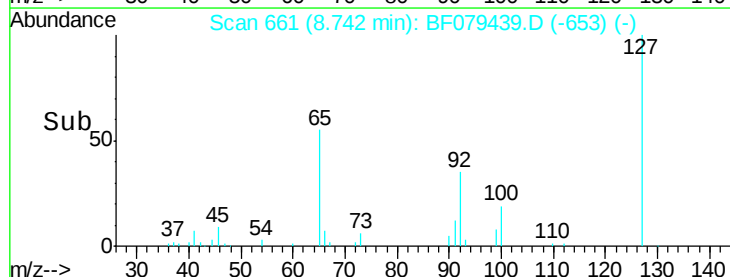
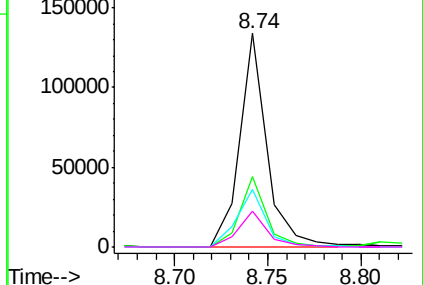


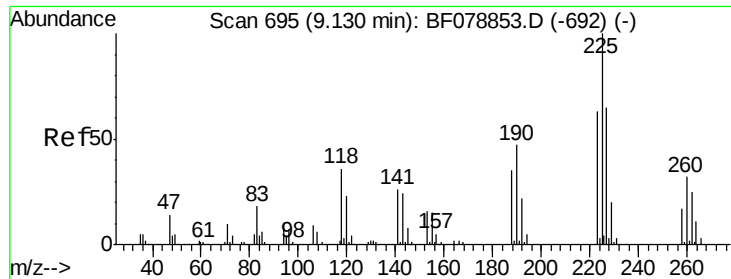
Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.52 ng

RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB83558BSD

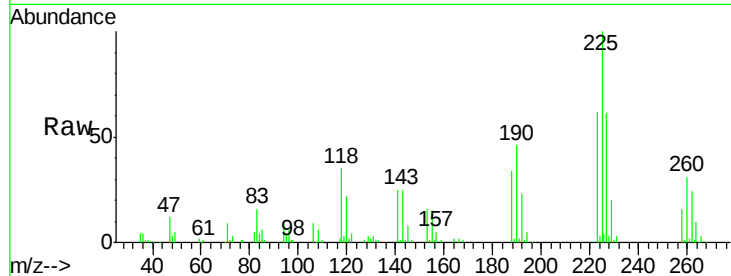
Tgt Ion:225 Resp: 98036

Ion Ratio Lower Upper

225 100

223 61.6 50.6 75.8

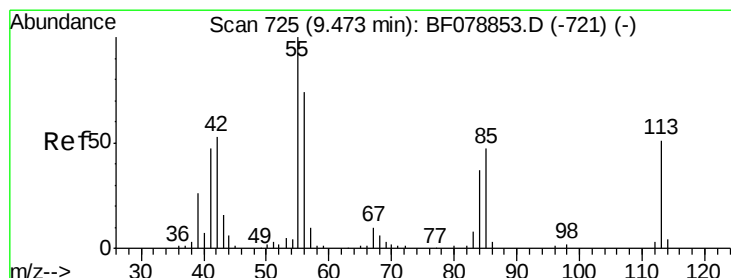
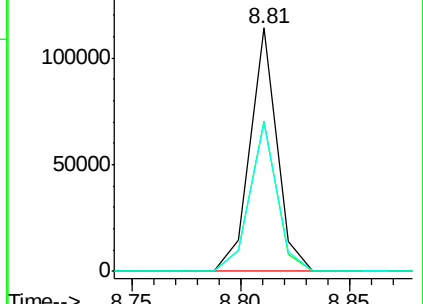
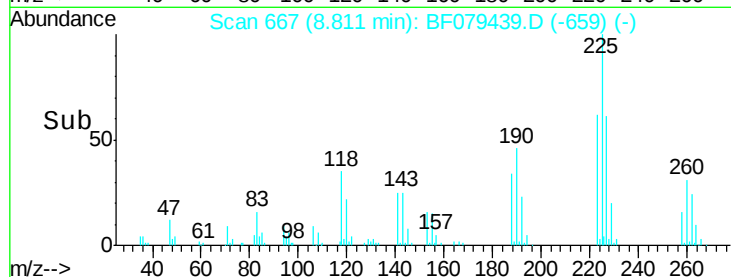
227 61.3 52.1 78.1



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: 43.07 ng

RT: 9.18 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

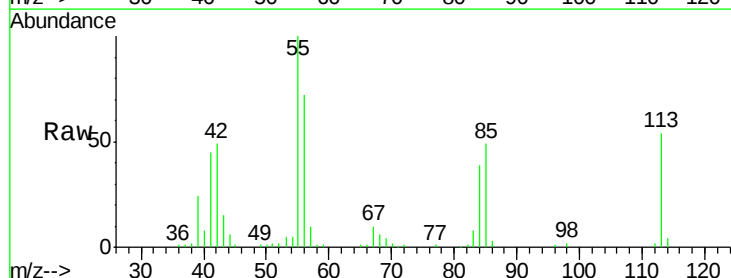
Tgt Ion:113 Resp: 53266

Ion Ratio Lower Upper

113 100

55 185.6 176.0 216.0

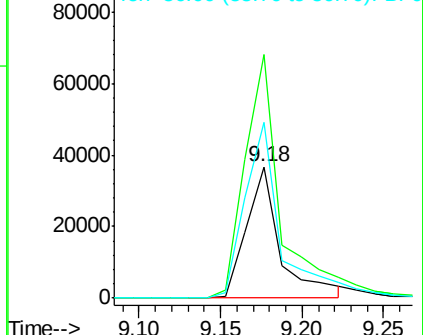
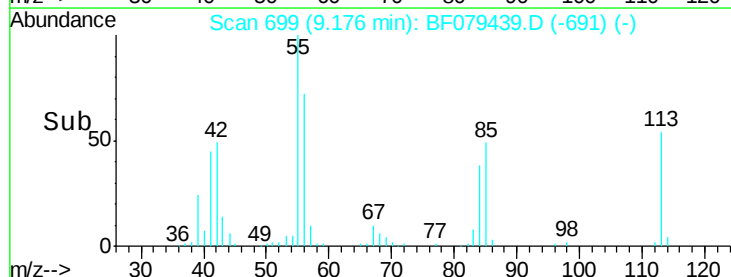
56 133.7 123.8 163.8

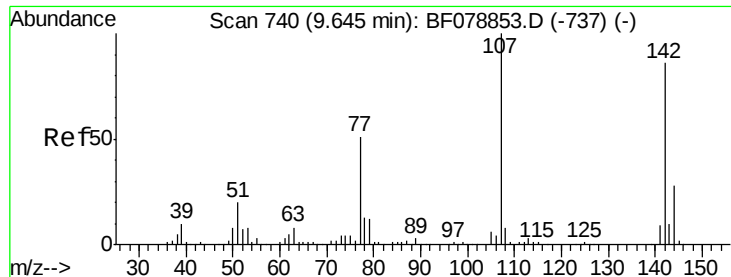


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

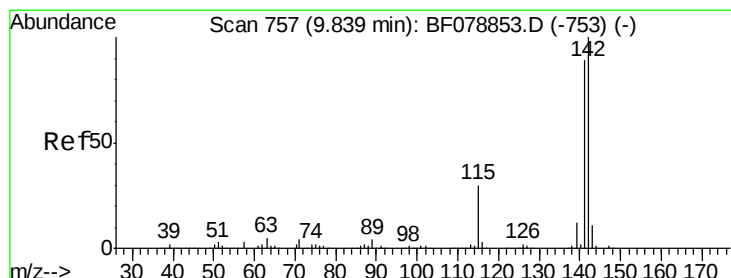
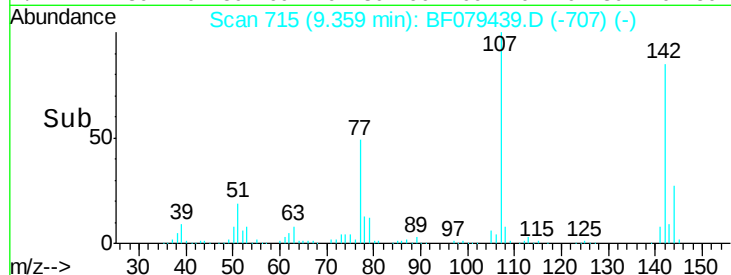
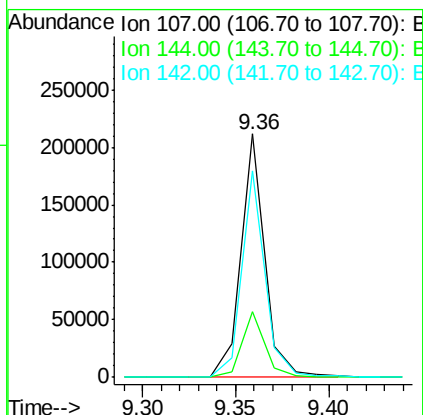
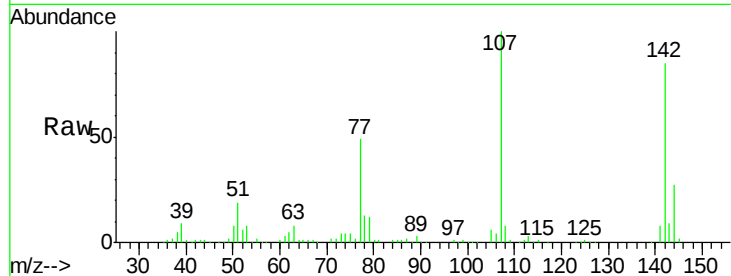




#36
 4-Chloro-3-methylphenol
 Concen: 47.11 ng
 RT: 9.36 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

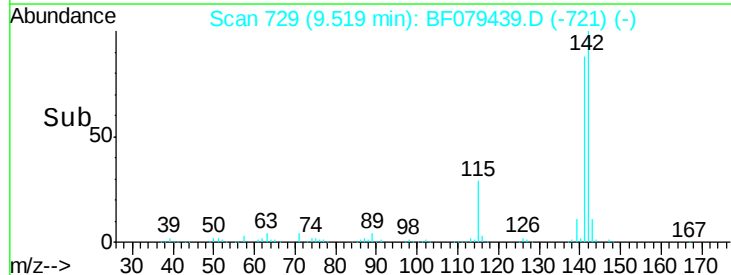
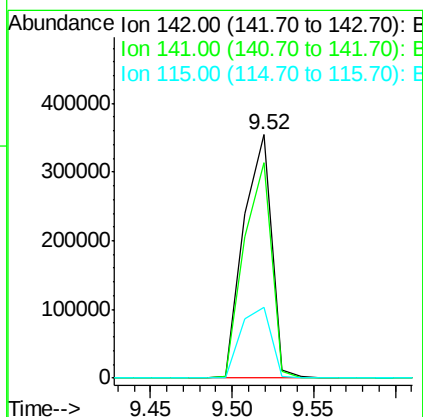
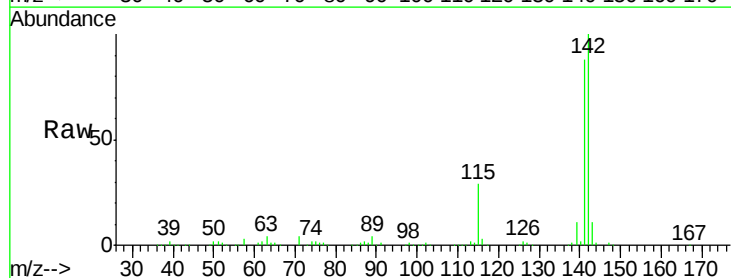
Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

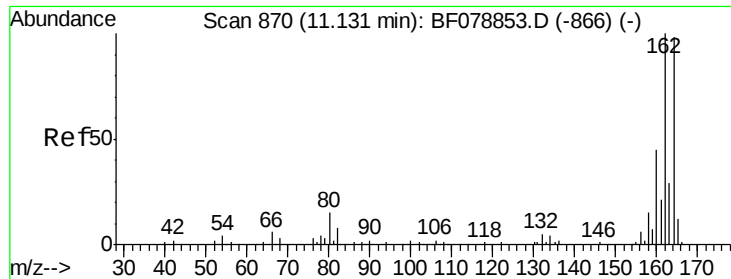
Tgt Ion:107 Resp: 189269
 Ion Ratio Lower Upper
 107 100
 144 27.2 22.5 33.7
 142 85.0 68.6 103.0



#37
 2-Methylnaphthalene
 Concen: 42.21 ng
 RT: 9.52 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion:142 Resp: 419736
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.6 107.4
 115 29.3 24.2 36.4

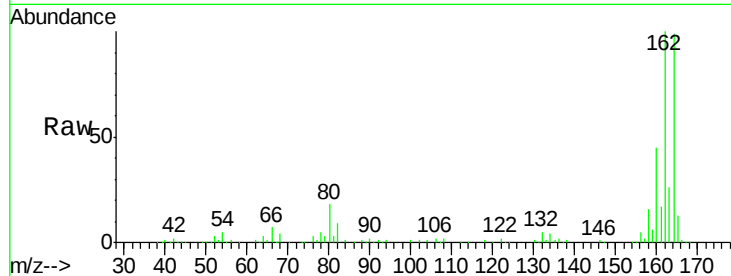




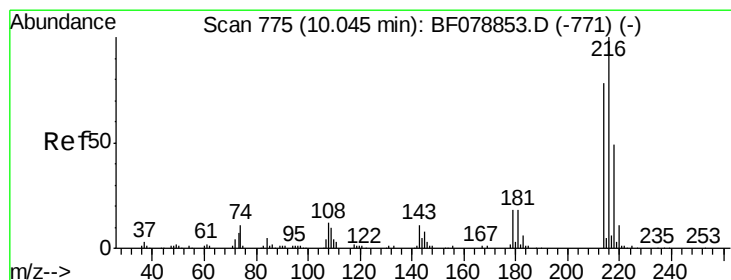
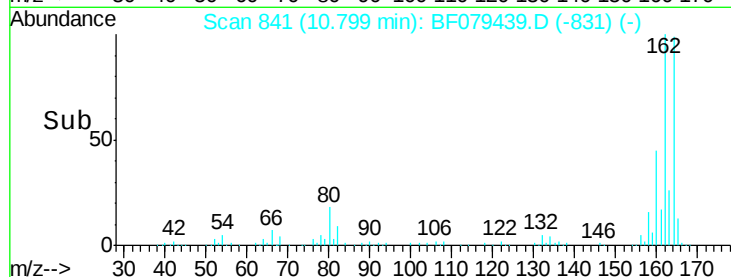
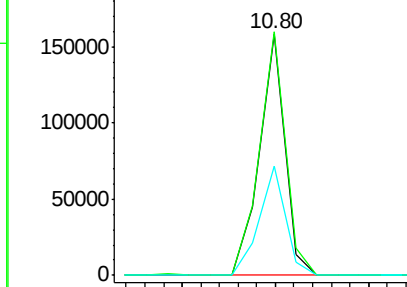
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.80 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

Tgt Ion:164 Resp: 149272
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.4 122.0
 160 45.1 36.6 54.8

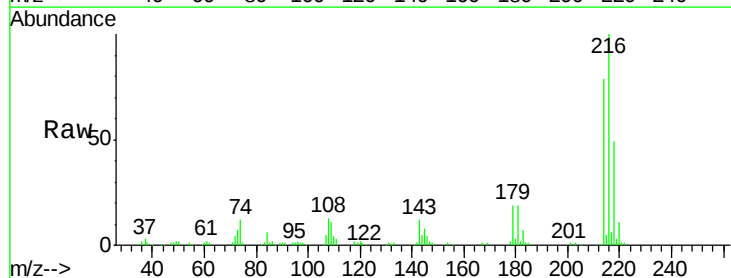


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

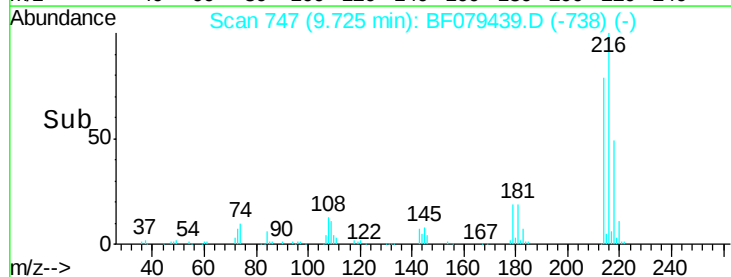
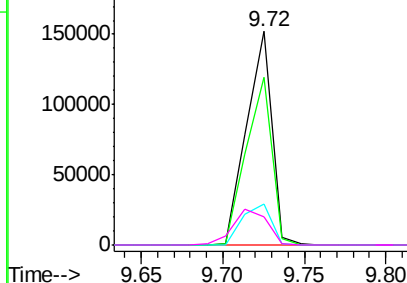


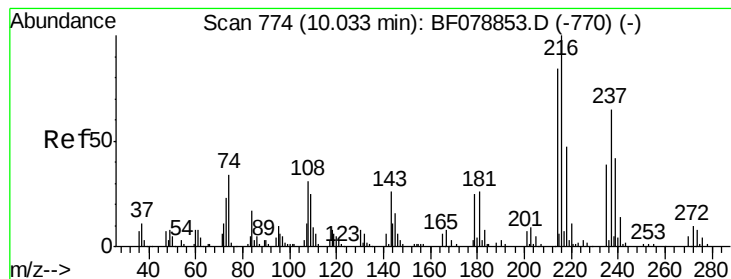
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.80 ng
 RT: 9.72 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion:216 Resp: 163120
 Ion Ratio Lower Upper
 216 100
 214 80.2 64.0 96.0
 179 22.2 17.0 25.4
 108 23.0 17.0 25.6



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: 54.59 ng

RT: 9.70 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB83558BSD

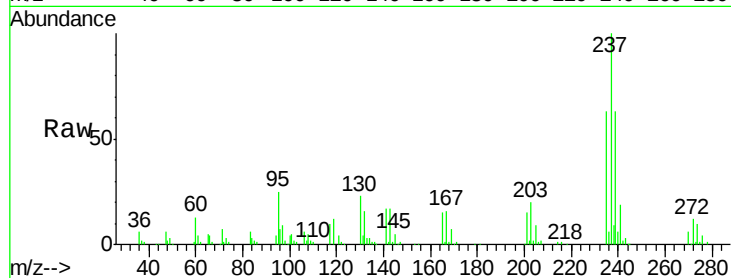
Tgt Ion:237 Resp: 115398

Ion Ratio Lower Upper

237 100

235 63.4 40.0 80.0

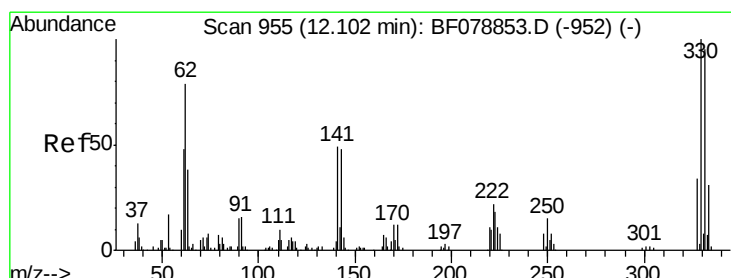
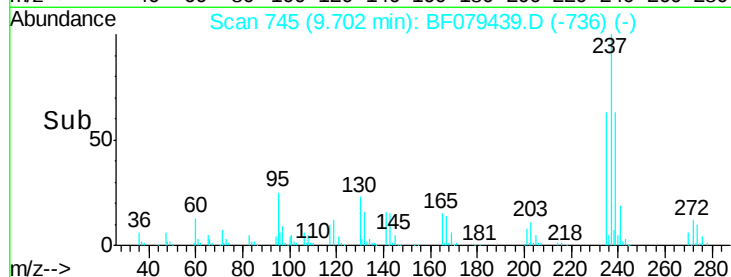
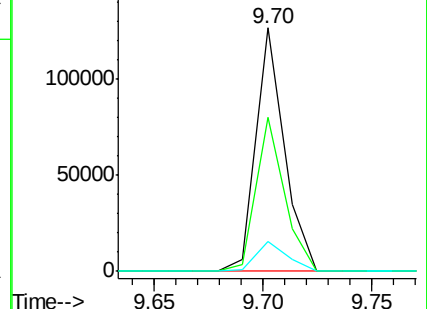
272 12.3 0.0 36.0



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: 96.46 ng

RT: 11.78 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

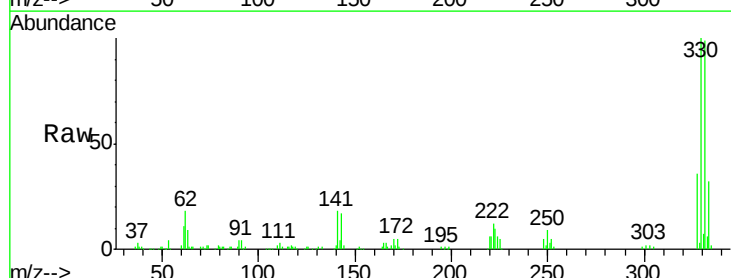
Tgt Ion:330 Resp: 155762

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

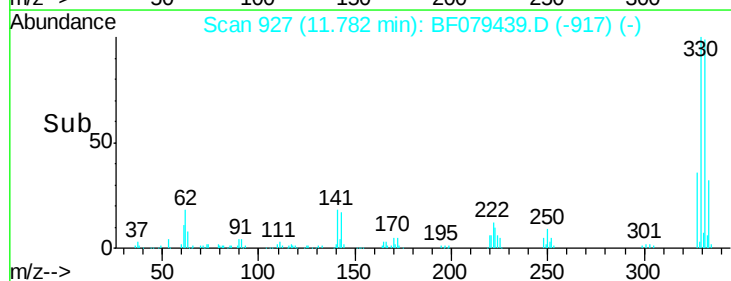
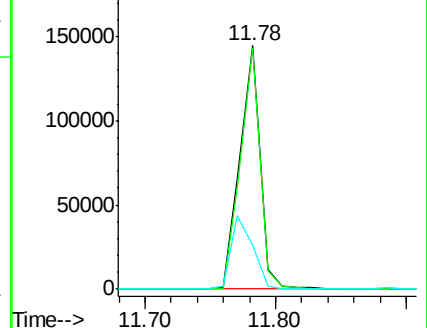
141 32.8 27.8 41.8

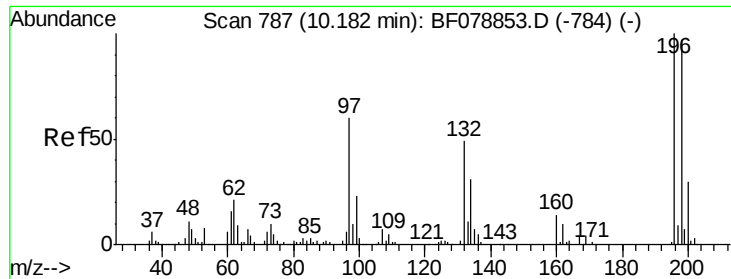


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

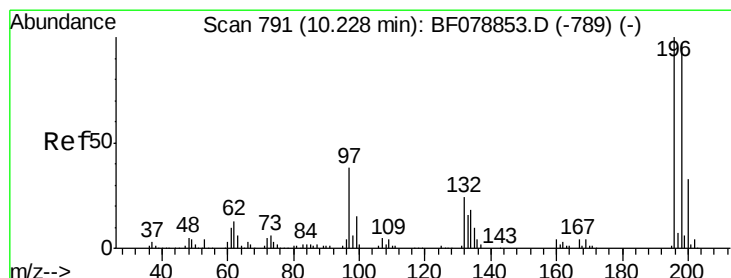
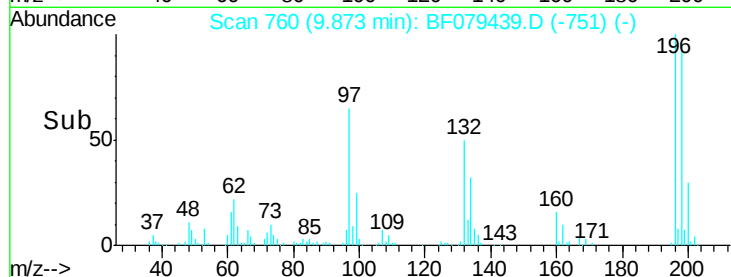
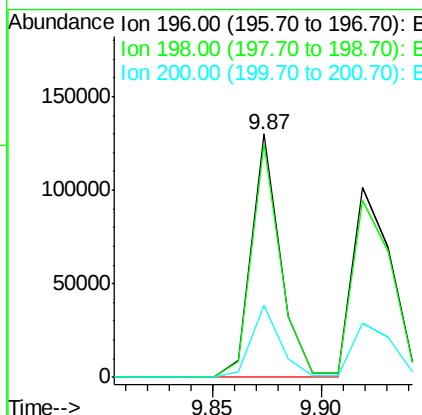
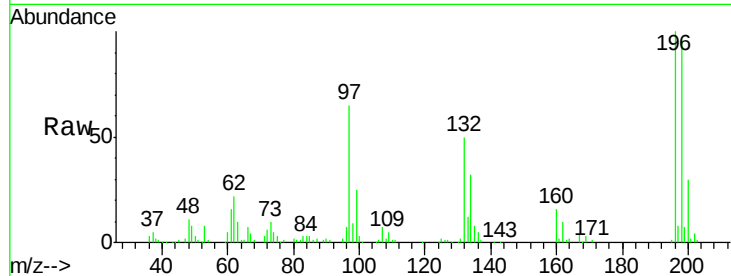




#42
 2,4,6-Trichlorophenol
 Concen: 41.66 ng
 RT: 9.87 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

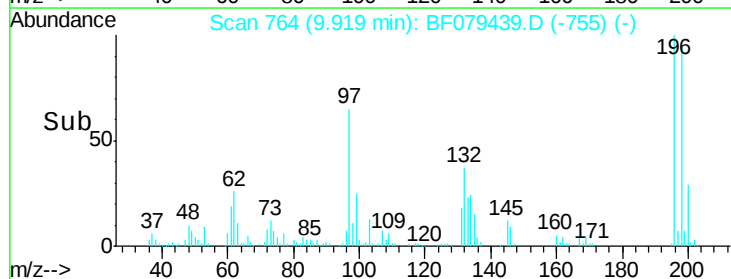
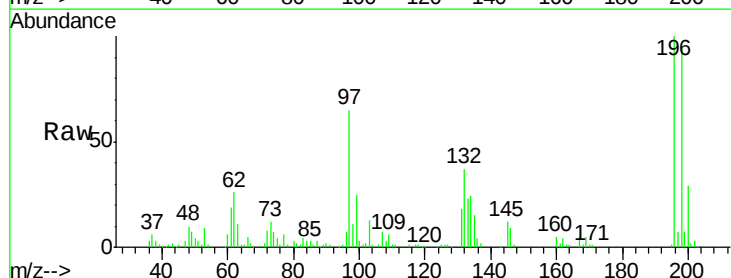
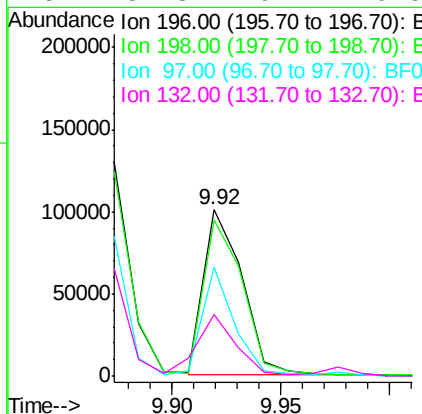
Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

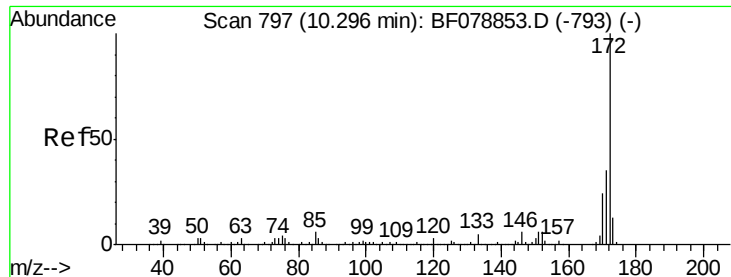
Tgt Ion:196 Resp: 120408
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.4 116.2
 200 29.7 23.7 35.5



#43
 2,4,5-Trichlorophenol
 Concen: 42.37 ng
 RT: 9.92 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion:196 Resp: 123804
 Ion Ratio Lower Upper
 196 100
 198 93.8 77.3 115.9
 97 65.5 31.3 46.9#
 132 37.3 19.7 29.5#





#44

2-Fluorobiphenyl

Concen: 90.48 ng

RT: 9.98 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB83558BSD

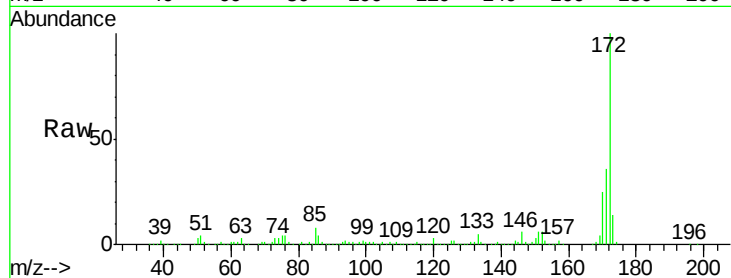
Tgt Ion:172 Resp: 969438

Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

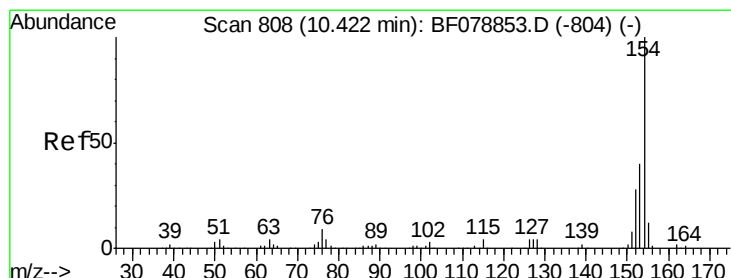
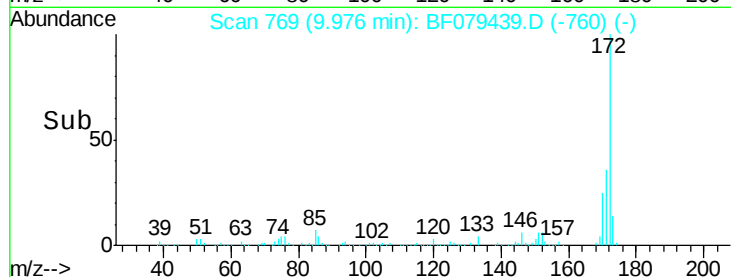
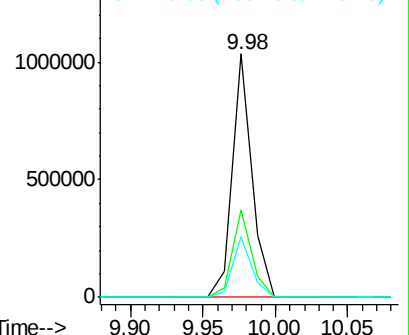
170 24.8 19.4 29.2



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: 41.40 ng

RT: 10.10 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

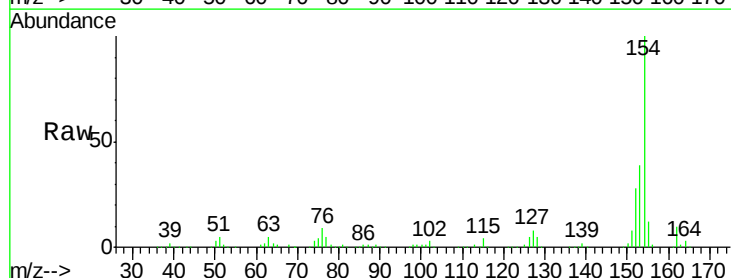
Tgt Ion:154 Resp: 491306

Ion Ratio Lower Upper

154 100

153 38.6 19.7 59.7

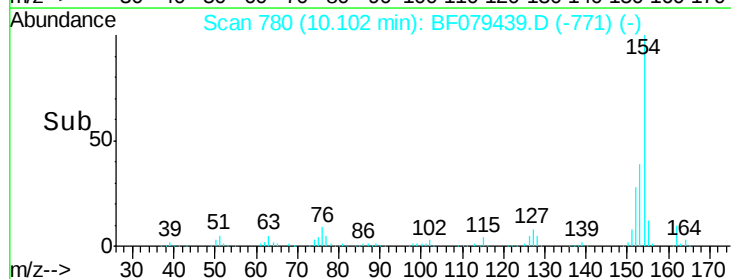
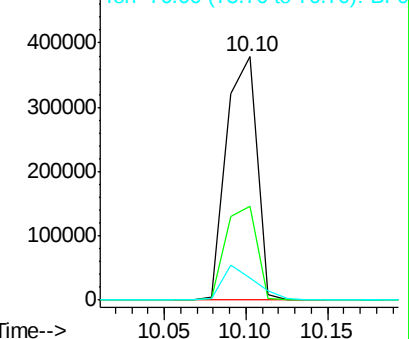
76 9.3 0.0 29.1

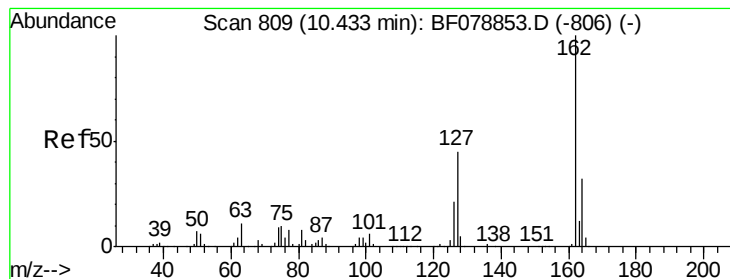


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 41.33 ng

RT: 10.11 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB83558BSD

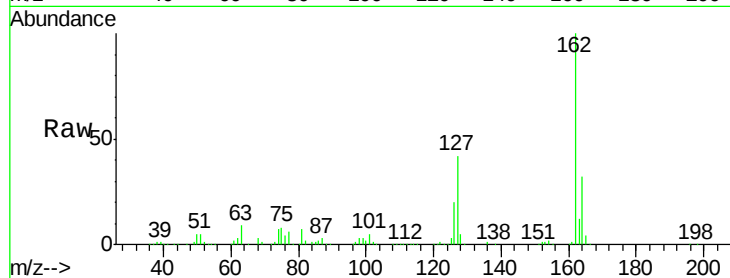
Tgt Ion: 162 Resp: 382530

Ion Ratio Lower Upper

162 100

127 41.5 36.3 54.5

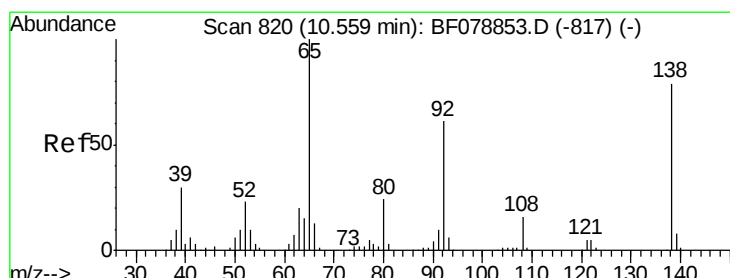
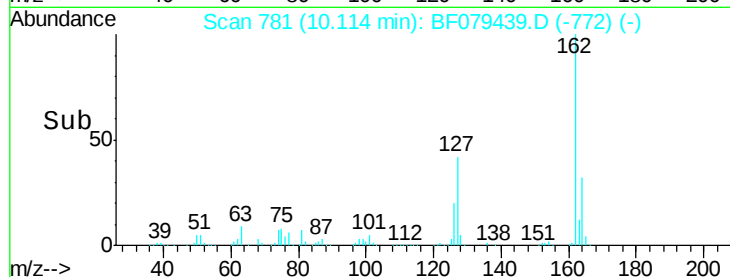
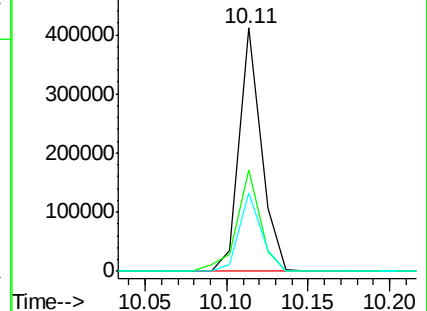
164 32.2 25.9 38.9



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: 42.23 ng

RT: 10.25 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

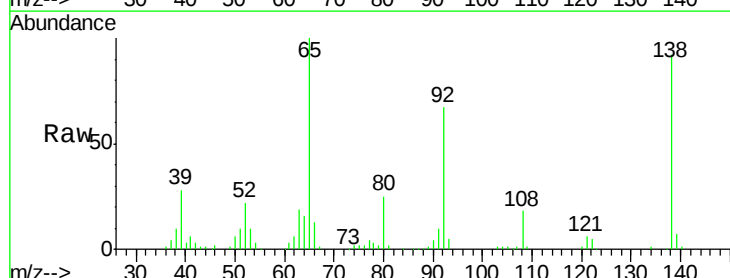
Tgt Ion: 65 Resp: 113268

Ion Ratio Lower Upper

65 100

92 67.1 49.1 73.7

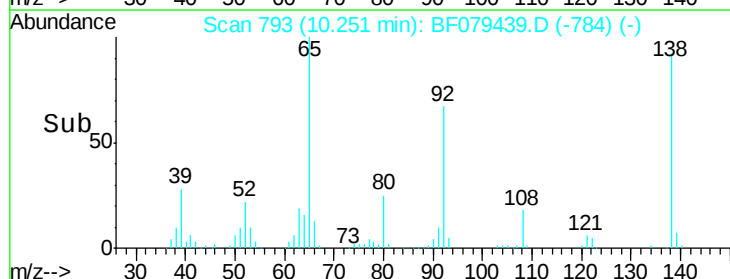
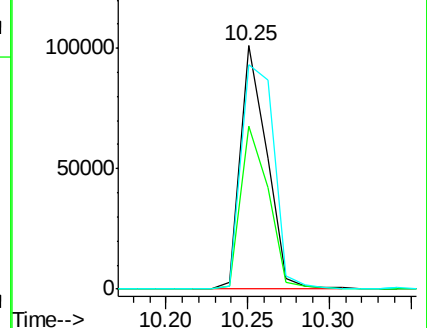
138 92.1 63.2 94.8

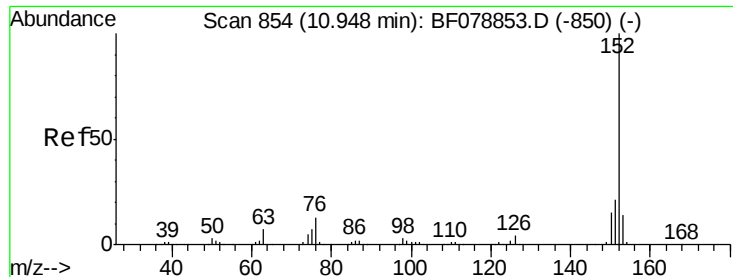


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 42.19 ng

RT: 10.63 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB83558BSD

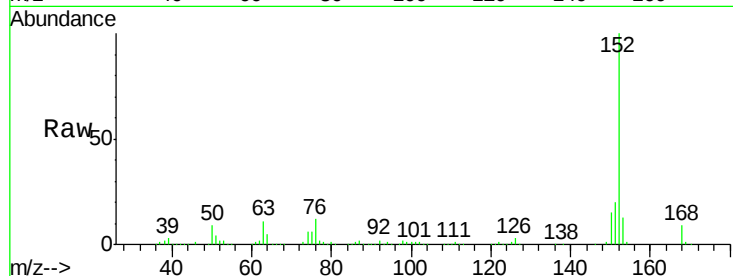
Tgt Ion:152 Resp: 641137

Ion Ratio Lower Upper

152 100

151 20.4 16.6 24.8

153 12.9 11.0 16.6



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

600000

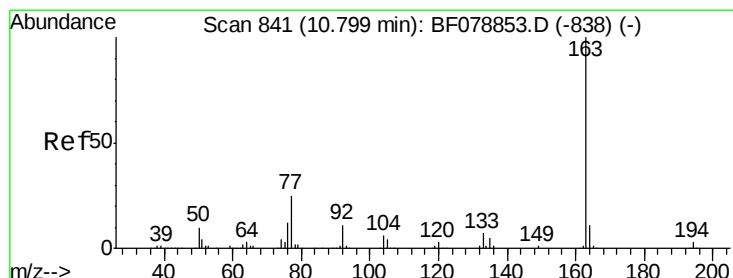
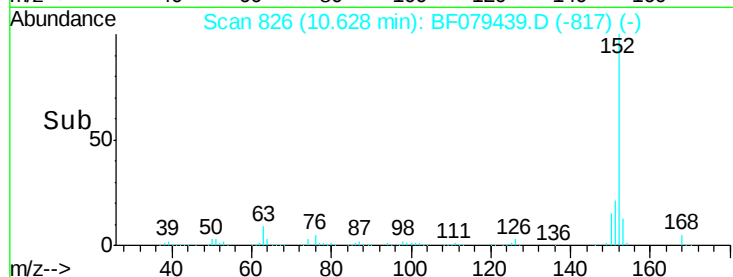
400000

200000

0

10.55 10.60 10.65 10.70

Time-->



#49

Dimethylphthalate

Concen: 40.75 ng

RT: 10.49 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

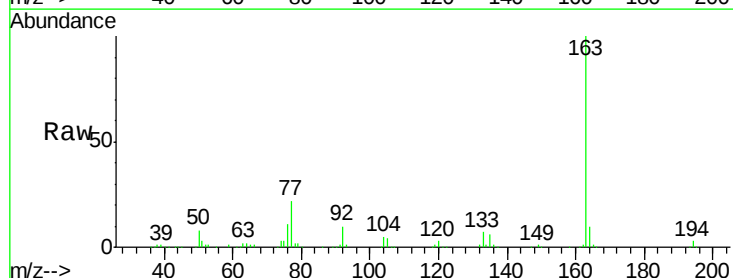
Tgt Ion:163 Resp: 446427

Ion Ratio Lower Upper

163 100

194 3.1 2.4 3.6

164 10.3 8.6 12.8



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

600000

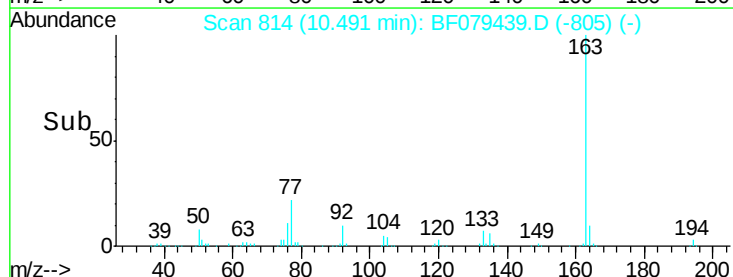
400000

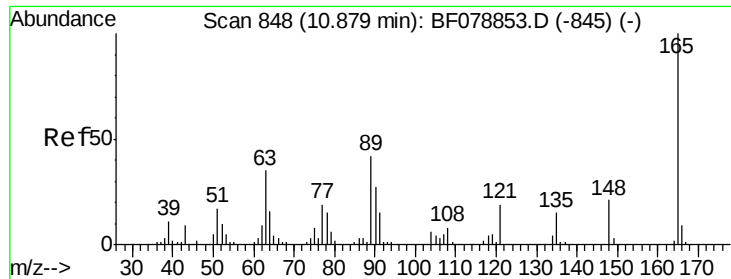
200000

0

10.45 10.50 10.55

Time-->

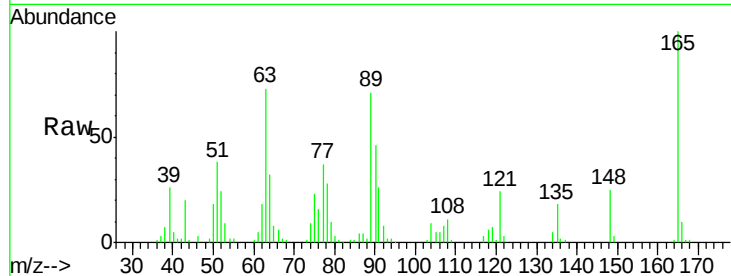




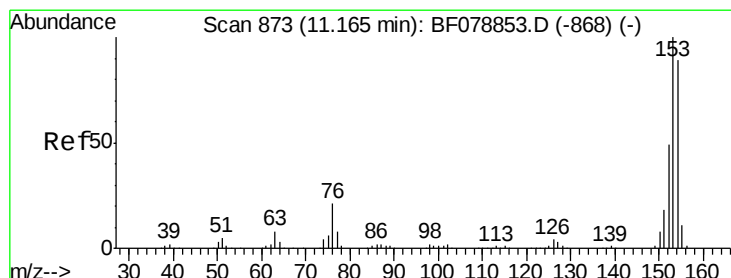
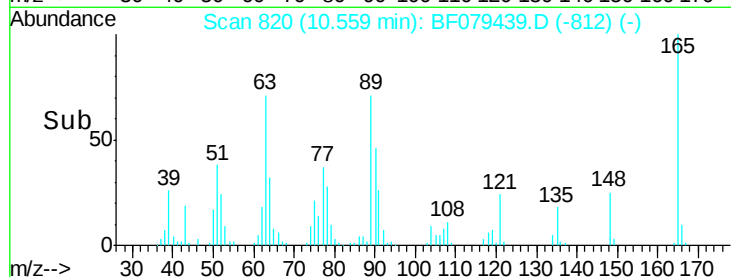
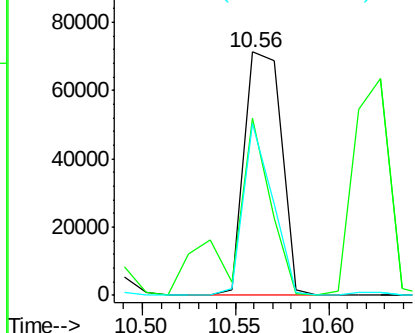
#50
 2,6-Dinitrotoluene
 Concen: 45.48 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

Tgt Ion:165 Resp: 98323
 Ion Ratio Lower Upper
 165 100
 63 72.5 29.2 43.8#
 89 70.7 33.3 49.9#

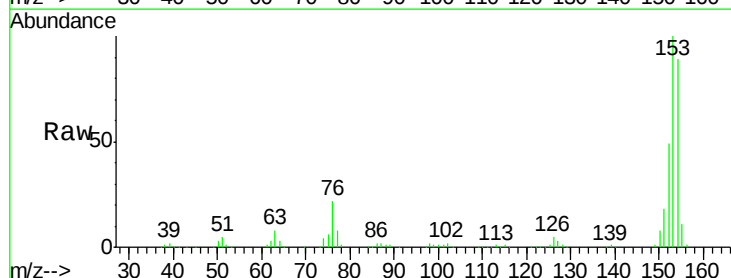


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

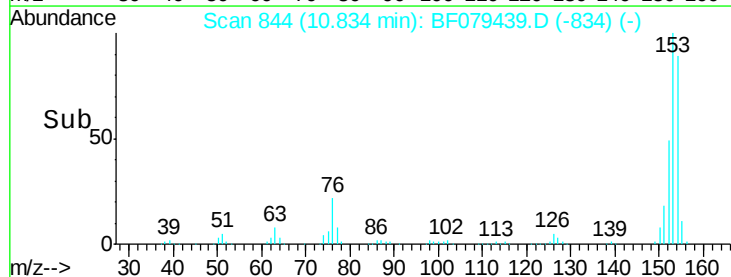
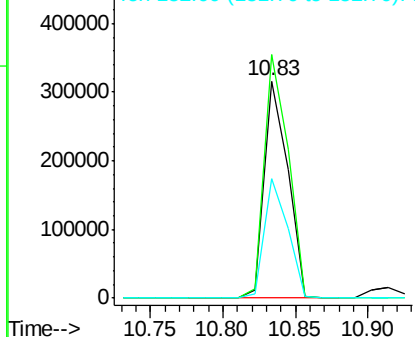


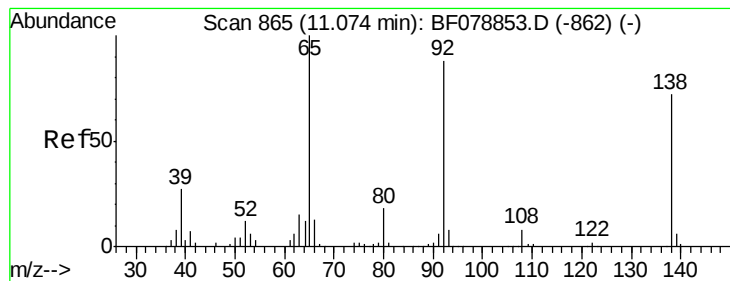
#51
 Acenaphthene
 Concen: 39.32 ng
 RT: 10.83 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion:154 Resp: 356325
 Ion Ratio Lower Upper
 154 100
 153 112.1 90.2 135.2
 152 55.3 43.8 65.8



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





#52

3-Nitroaniline

Concen: 30.43 ng

RT: 10.77 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB83558BSD

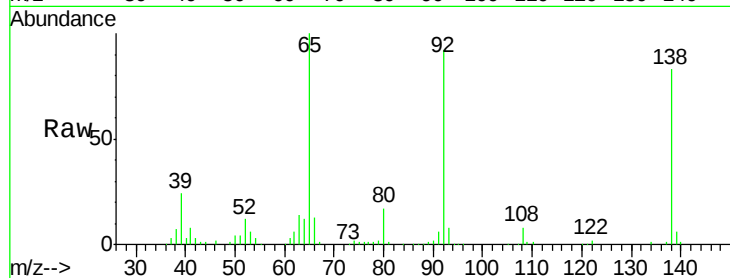
Tgt Ion:138 Resp: 82191

Ion Ratio Lower Upper

138 100

108 10.1 8.5 12.7

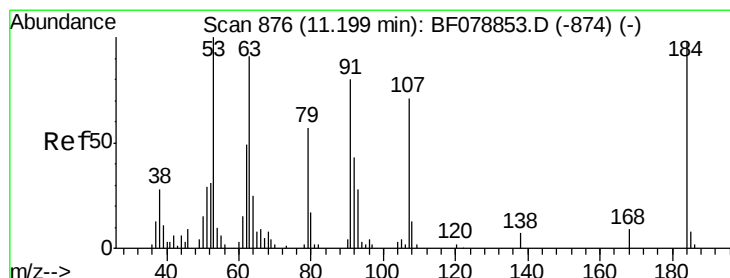
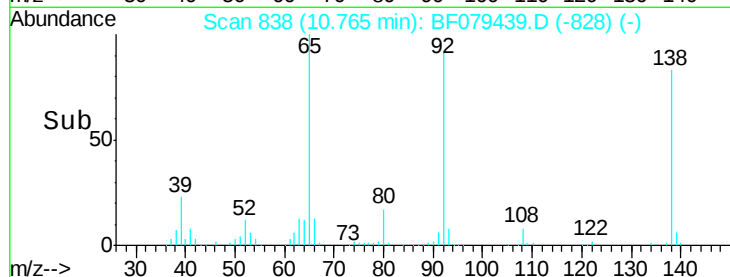
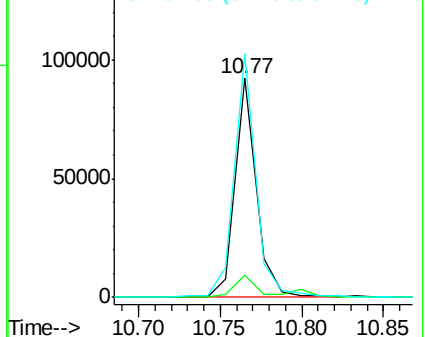
92 111.2 97.4 146.0



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: 57.48 ng

RT: 10.91 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

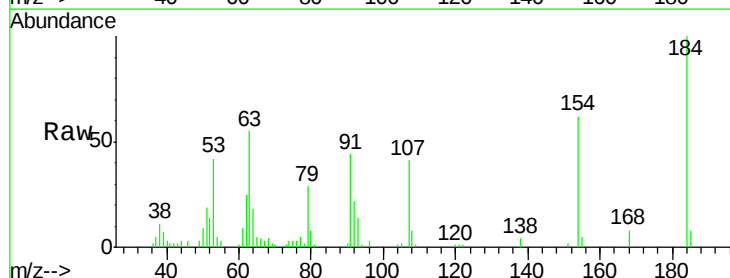
Tgt Ion:184 Resp: 42386

Ion Ratio Lower Upper

184 100

63 55.4 98.8 148.2#

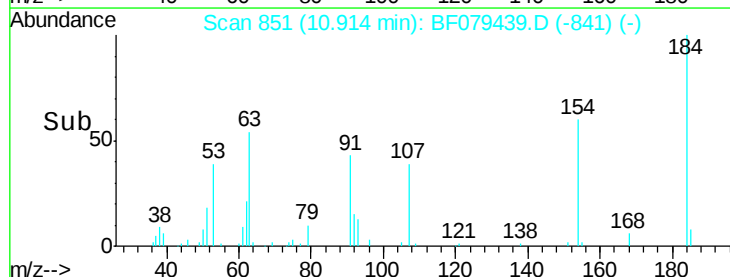
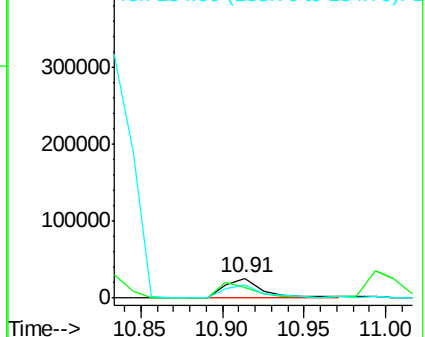
154 62.2 63.4 95.0#

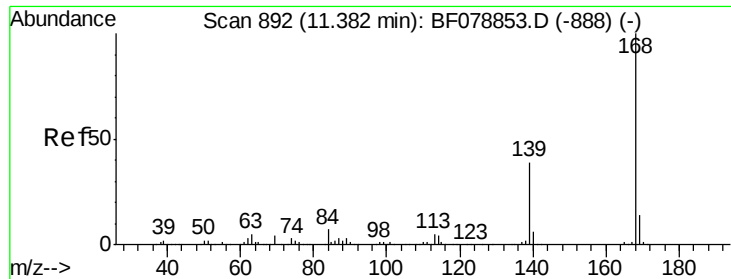


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

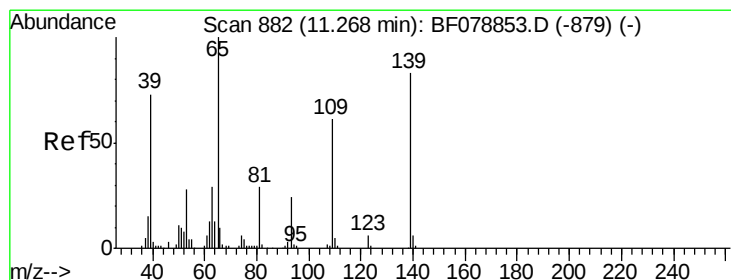
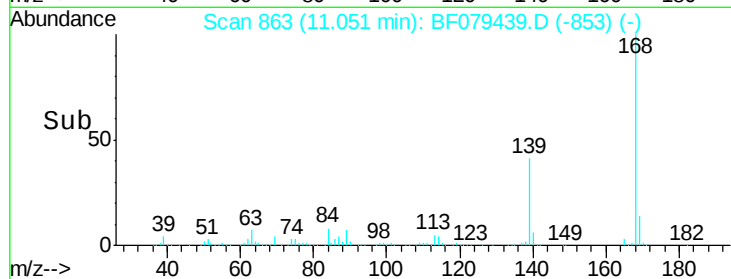
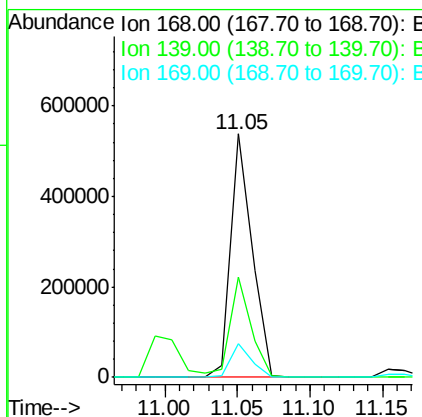
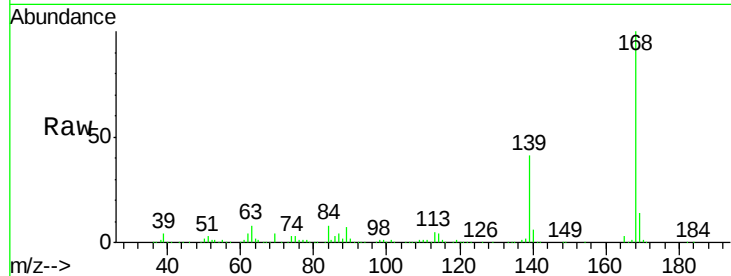




#54
Dibenzenofuran
Concen: 42.36 ng
RT: 11.05 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

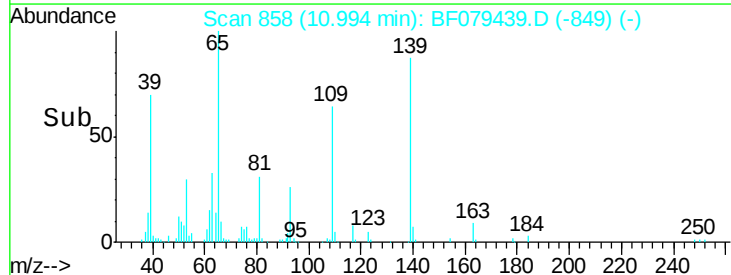
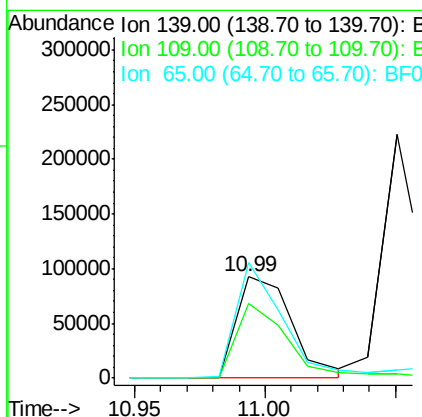
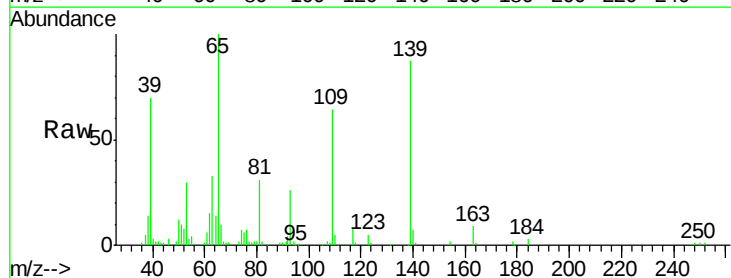
Instrument :
BNA_F
ClientSampleId :
PB83558BSD

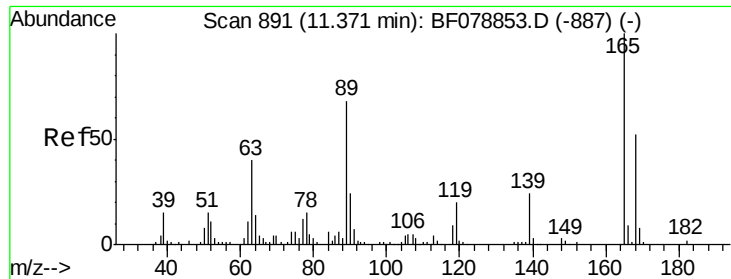
Tgt Ion:168 Resp: 554502
Ion Ratio Lower Upper
168 100
139 41.3 31.5 47.3
169 13.9 11.0 16.4



#55
4-Nitrophenol
Concen: 63.93 ng
RT: 10.99 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion:139 Resp: 136658
Ion Ratio Lower Upper
139 100
109 73.5 54.4 94.4
65 114.5 101.0 141.0

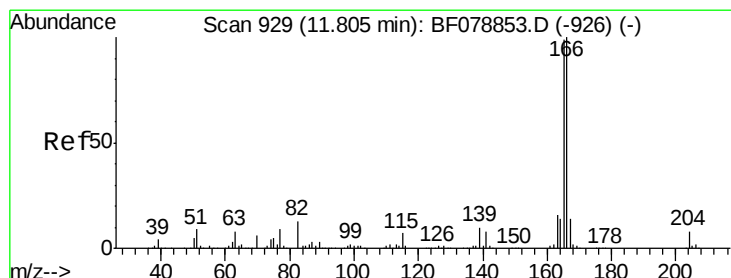
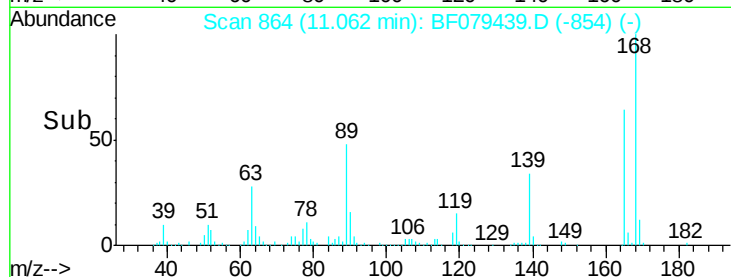
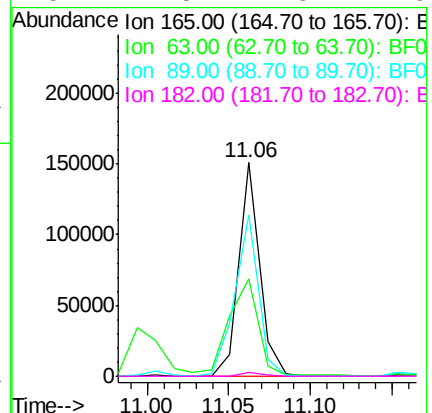
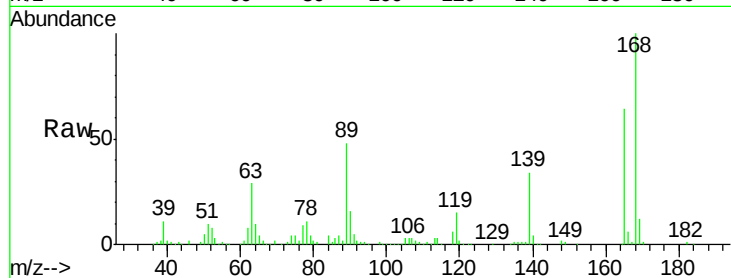




#56
2,4-Dinitrotoluene
Concen: 46.20 ng
RT: 11.06 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

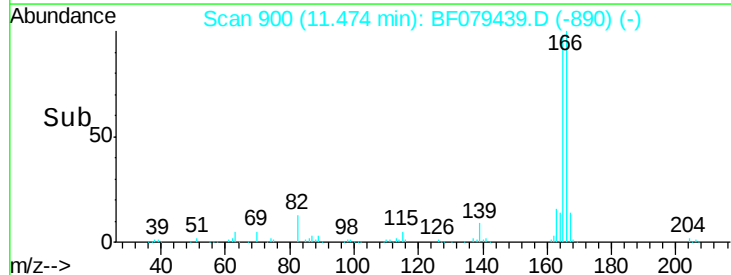
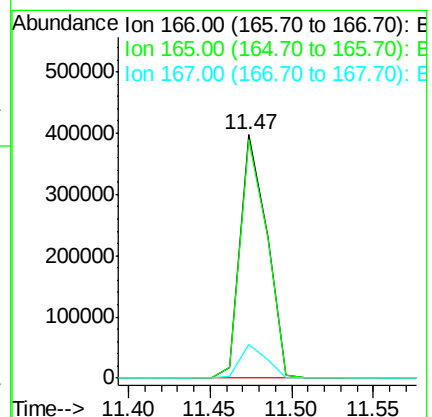
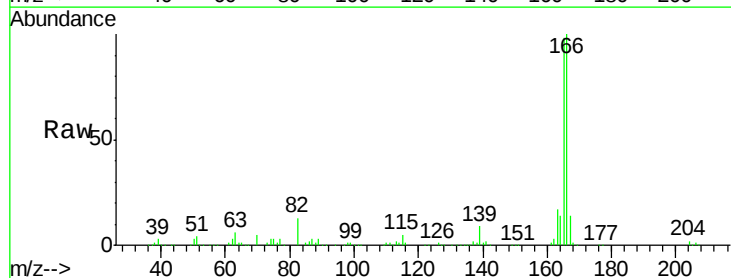
Instrument :
BNA_F
ClientSampleId :
PB83558BSD

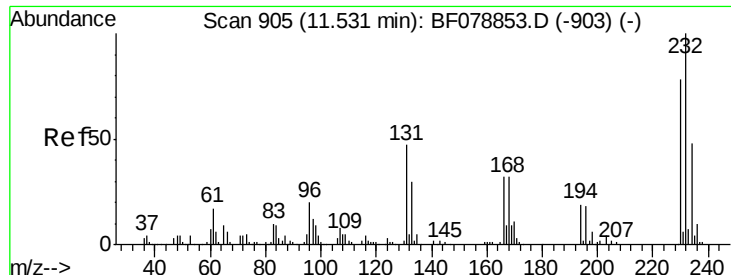
Tgt Ion:165 Resp: 132040
Ion Ratio Lower Upper
165 100
63 45.4 32.3 48.5
89 75.7 54.6 81.8
182 1.8 1.8 2.6#



#57
Fluorene
Concen: 41.66 ng
RT: 11.47 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion:166 Resp: 447627
Ion Ratio Lower Upper
166 100
165 97.8 79.5 119.3
167 13.7 11.0 16.6

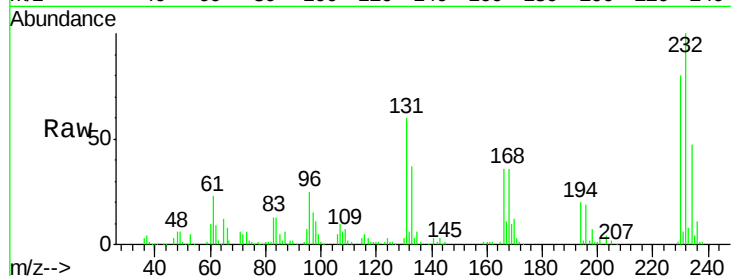




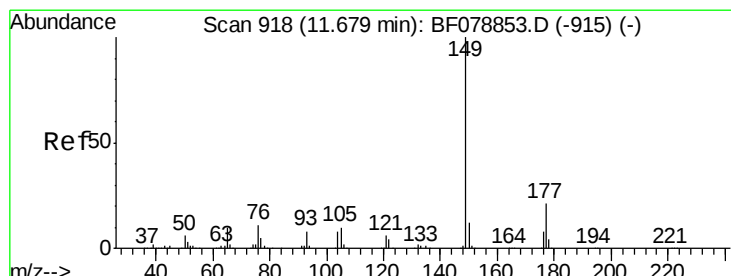
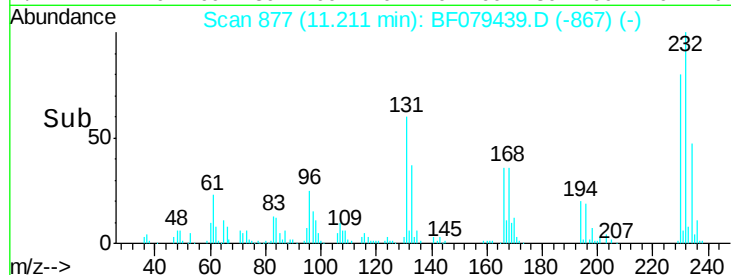
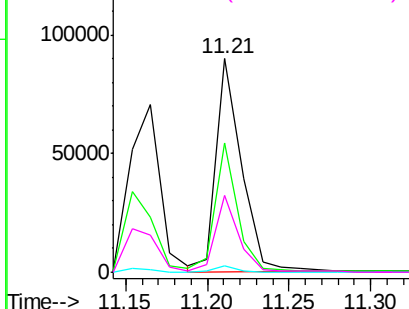
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.41 ng
 RT: 11.21 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

Tgt Ion: 232 Resp: 96484
 Ion Ratio Lower Upper
 232 100
 131 53.7 41.9 62.9
 130 2.8 1.9 2.9
 166 32.8 27.0 40.6

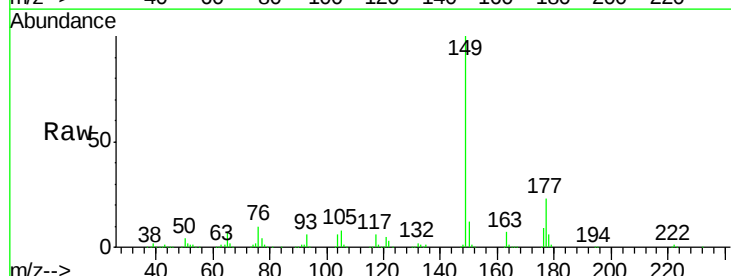


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

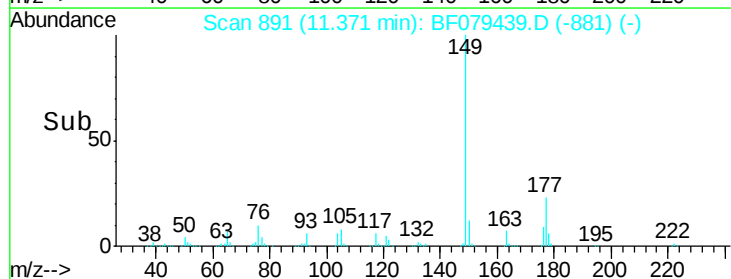
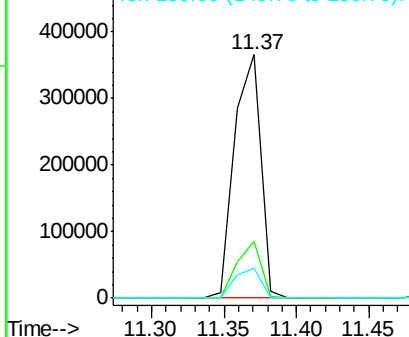


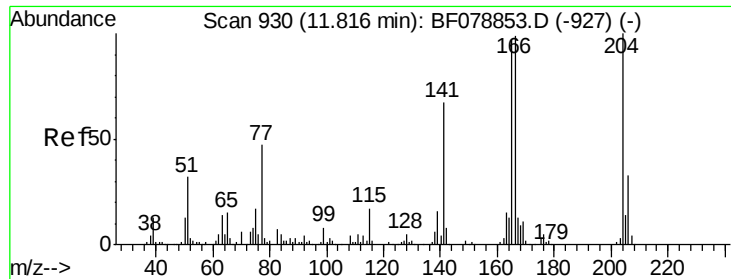
#59
 Diethylphthalate
 Concen: 42.28 ng
 RT: 11.37 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion: 149 Resp: 458844
 Ion Ratio Lower Upper
 149 100
 177 23.4 16.4 24.6
 150 12.3 9.8 14.6



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

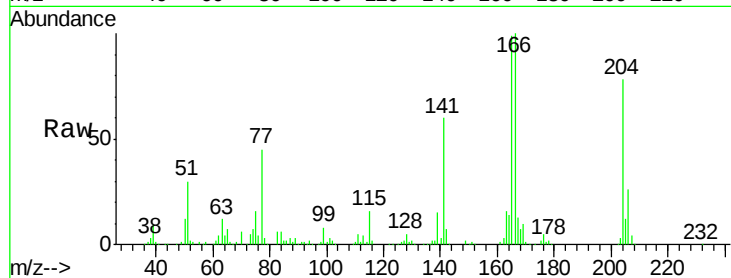




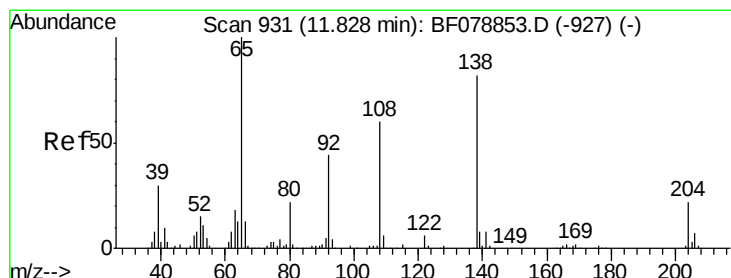
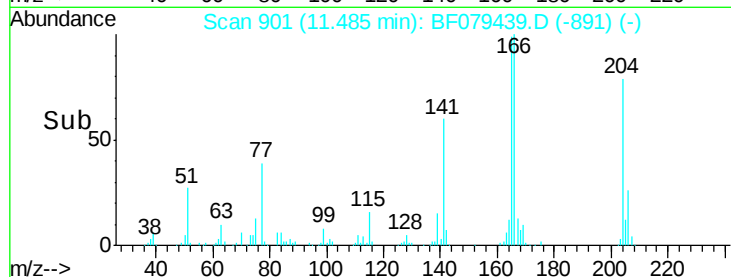
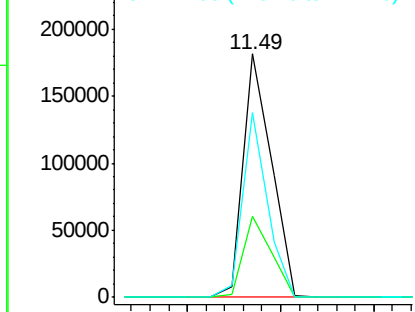
#60
 4-Chlorophenyl-phenylether
 Concen: 40.52 ng
 RT: 11.49 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

Tgt Ion:204 Resp: 193129
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.2 39.4
 141 75.9 53.6 80.4

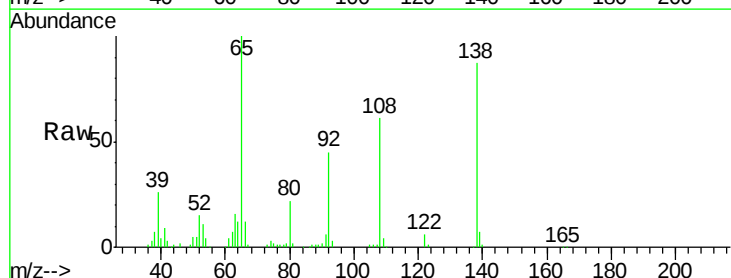


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

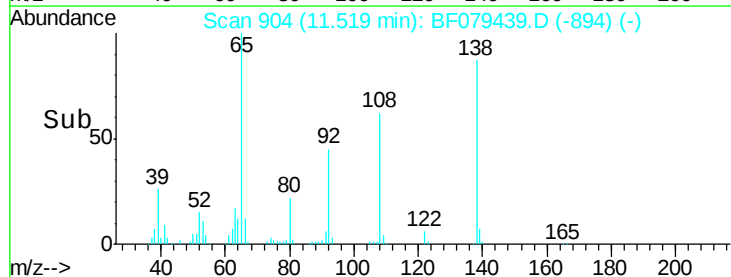
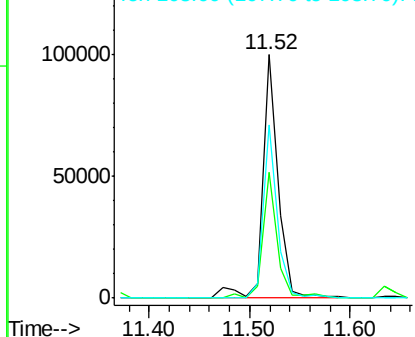


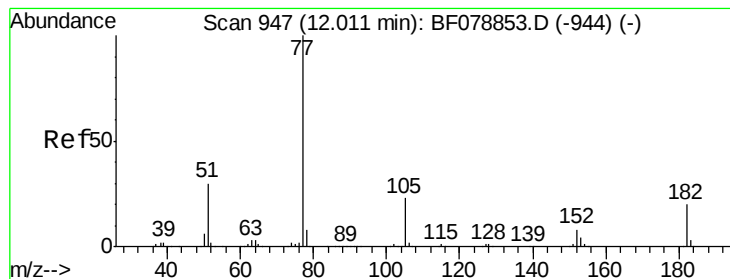
#61
 4-Nitroaniline
 Concen: 39.39 ng
 RT: 11.52 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion:138 Resp: 106431
 Ion Ratio Lower Upper
 138 100
 92 51.6 33.7 73.7
 108 71.0 53.4 93.4



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: 41.45 ng

RT: 11.68 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB83558BSD

Tgt Ion: 77 Resp: 443320

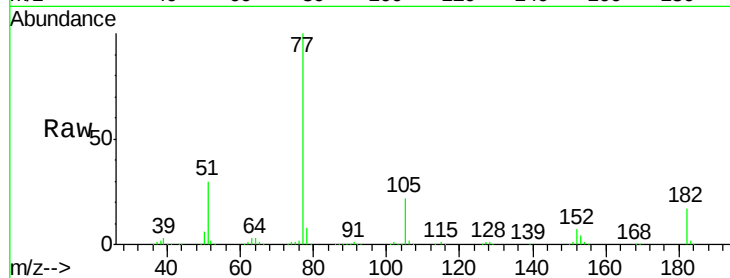
Ion Ratio Lower Upper

77 100

182 16.9 0.0 40.0

105 22.0 2.9 42.9

51 30.0 10.0 50.0

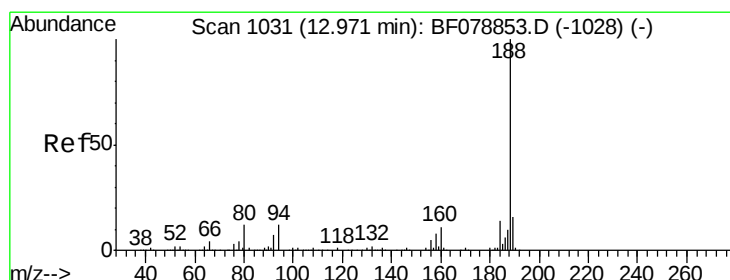
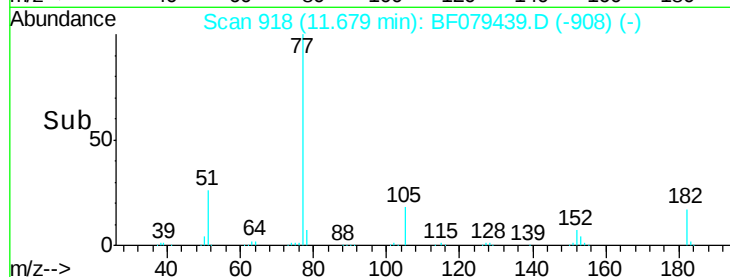
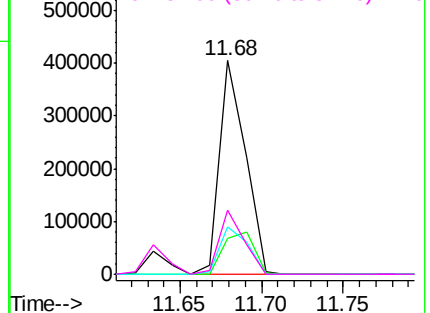


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.64 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

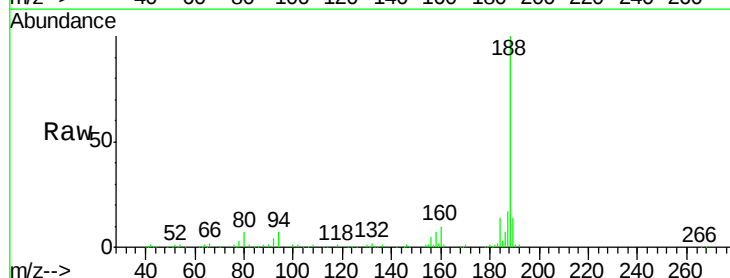
Tgt Ion: 188 Resp: 279662

Ion Ratio Lower Upper

188 100

94 7.3 9.4 14.0#

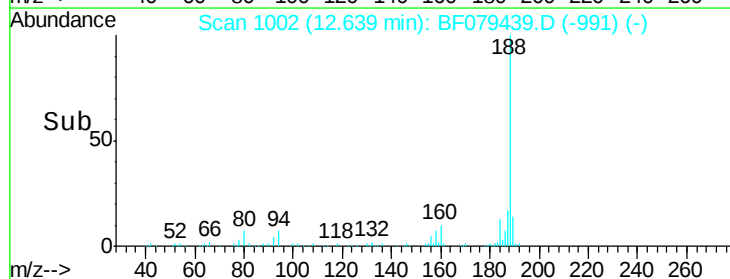
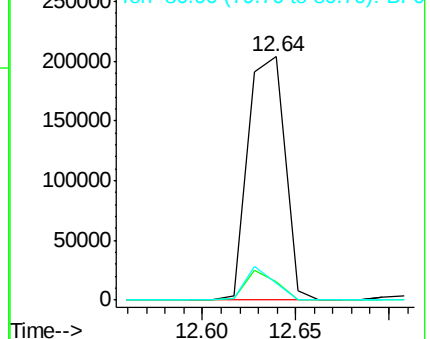
80 7.0 9.8 14.6#

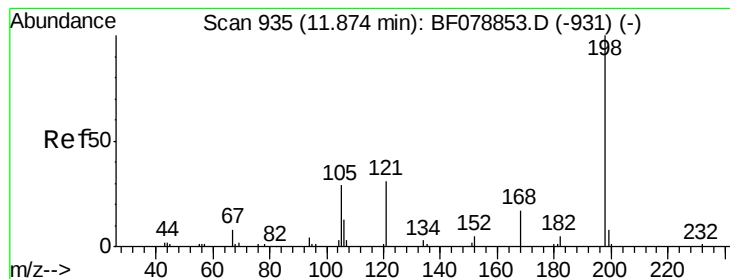


Abundance Ion 188.00 (187.70 to 188.70): E

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: 39.89 ng

RT: 11.57 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB83558BSD

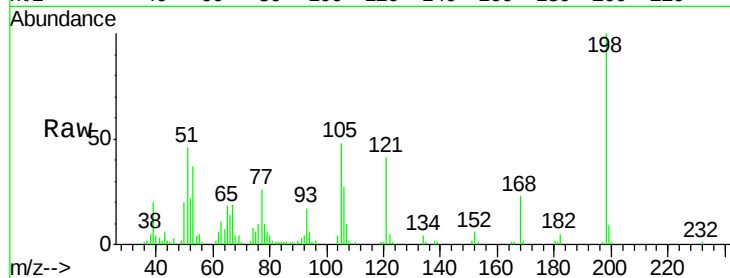
Tgt Ion:198 Resp: 43281

Ion Ratio Lower Upper

198 100

51 46.3 7.0 47.0

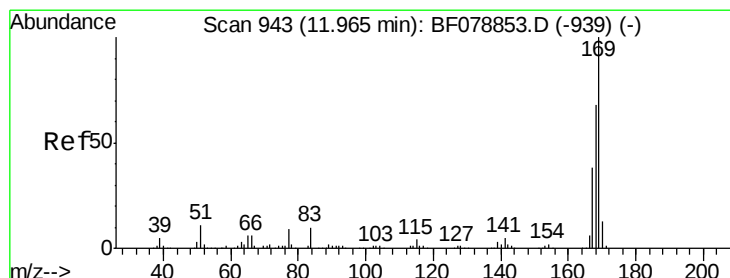
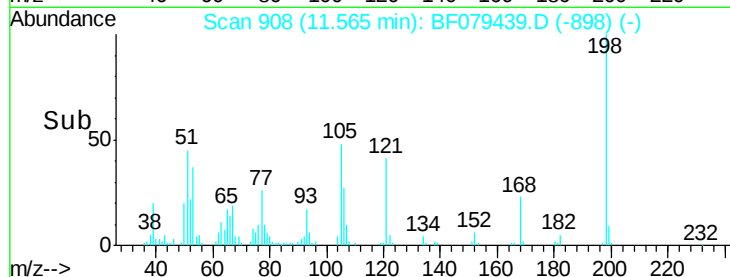
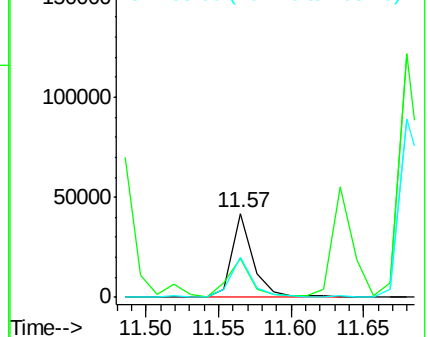
105 47.7 13.7 53.7



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: 41.24 ng

RT: 11.63 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

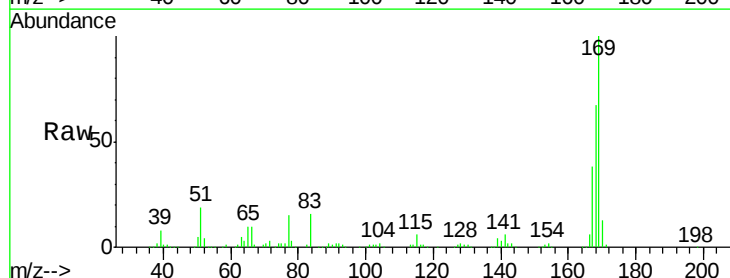
Tgt Ion:169 Resp: 384075

Ion Ratio Lower Upper

169 100

168 67.2 54.1 81.1

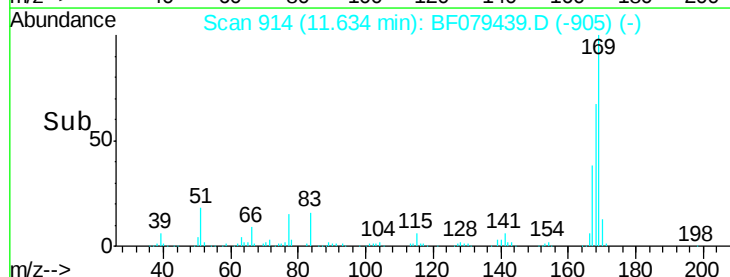
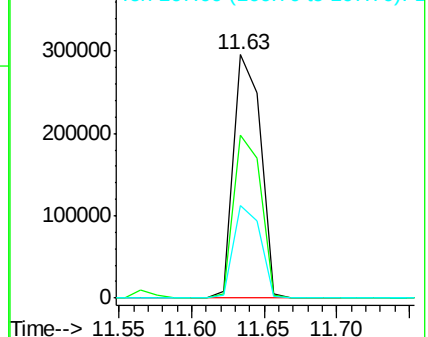
167 37.9 30.1 45.1

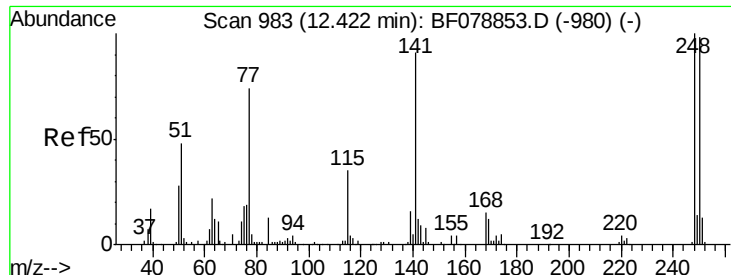


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

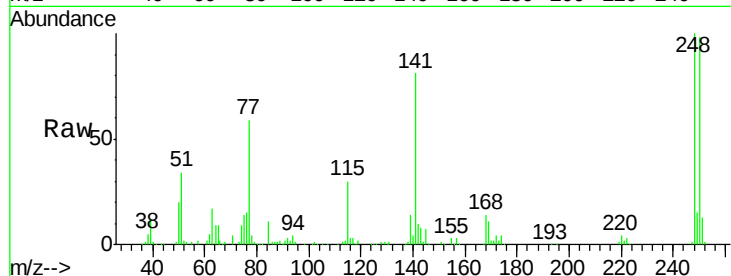




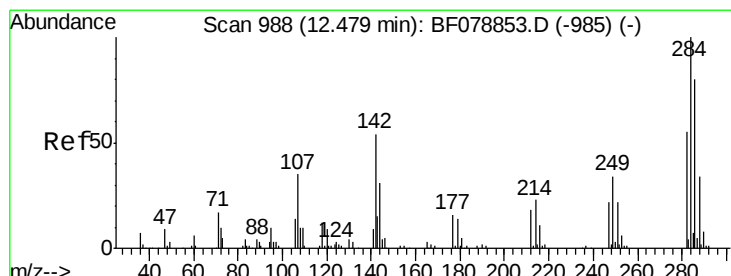
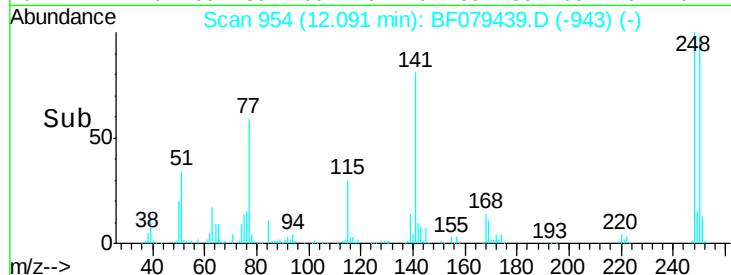
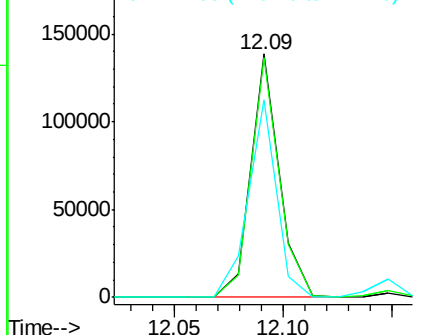
#66
 4-Bromophenyl-phenylether
 Concen: 43.21 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

Tgt Ion:248 Resp: 125959
 Ion Ratio Lower Upper
 248 100
 250 98.5 78.0 117.0
 141 81.0 72.6 109.0

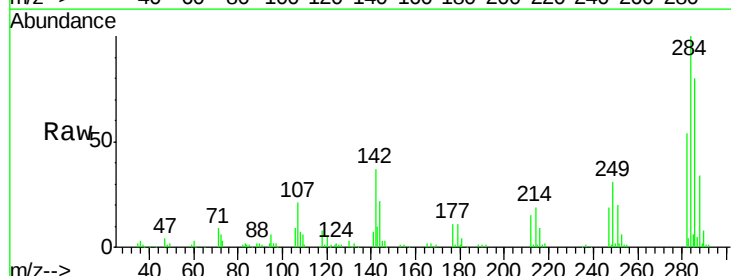


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

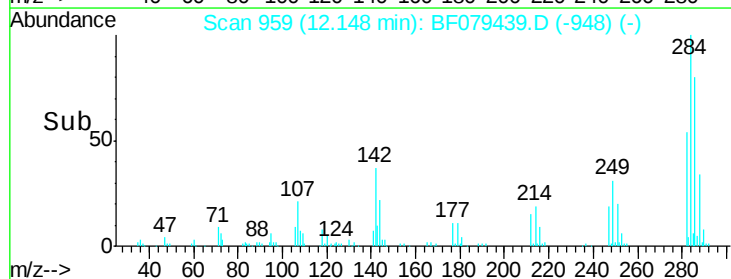
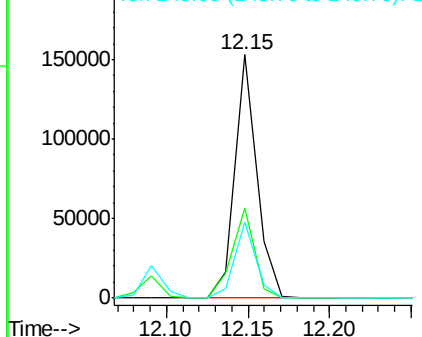


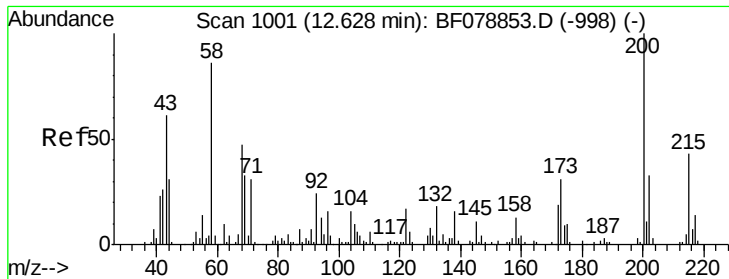
#67
 Hexachlorobenzene
 Concen: 42.58 ng
 RT: 12.15 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion:284 Resp: 141859
 Ion Ratio Lower Upper
 284 100
 142 37.2 43.2 64.8#
 249 30.9 27.5 41.3



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

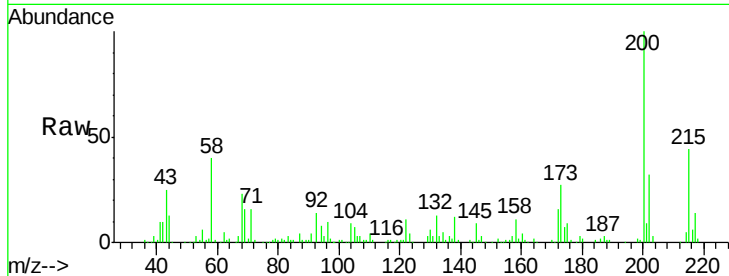




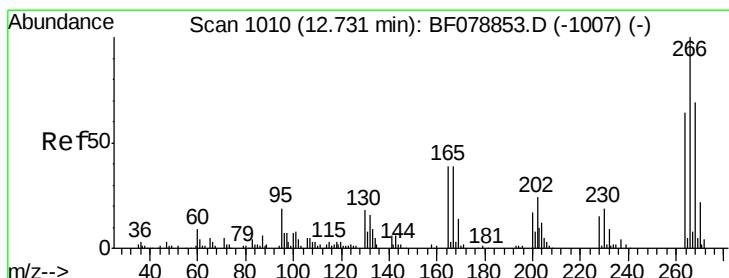
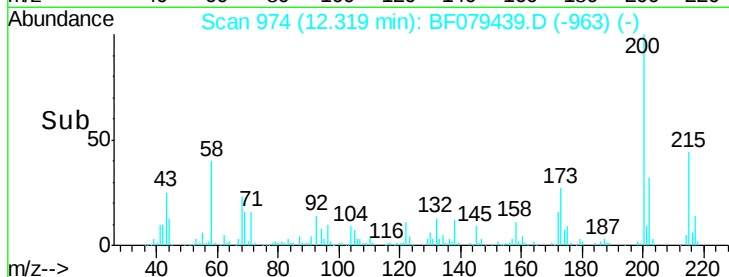
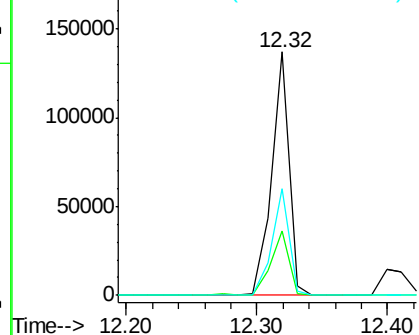
#68
 Atrazine
 Concen: 47.50 ng
 RT: 12.32 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.6	10.9	50.9
215	43.9	23.2	63.2

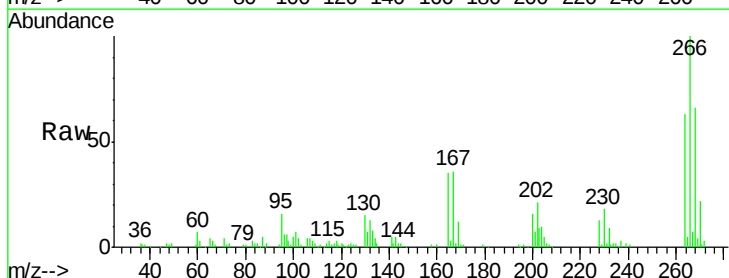


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

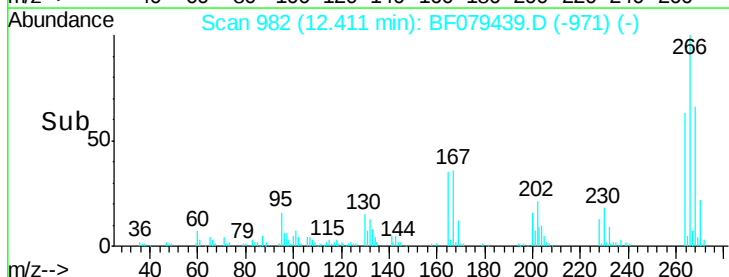
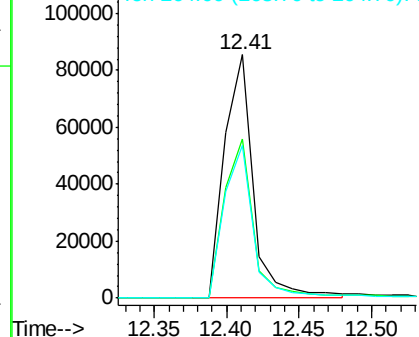


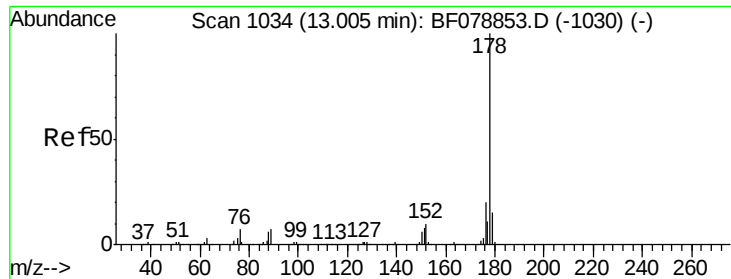
#69
 Pentachlorophenol
 Concen: 62.45 ng
 RT: 12.41 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	55.0	82.6
264	62.5	50.9	76.3



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: 41.77 ng

RT: 12.66 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB83558BSD

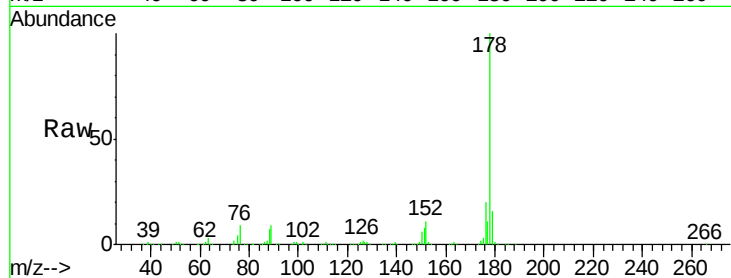
Tgt Ion:178 Resp: 653511

Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

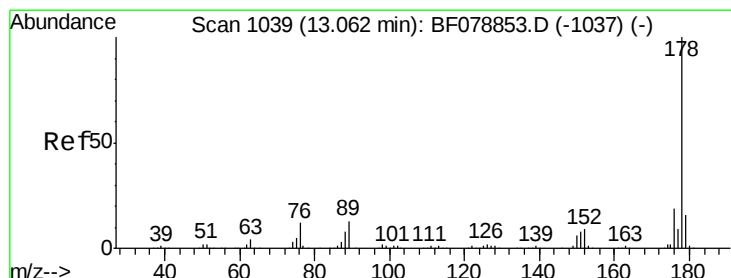
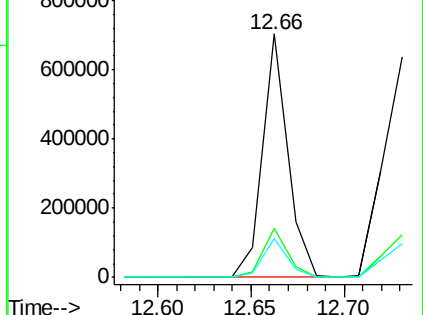
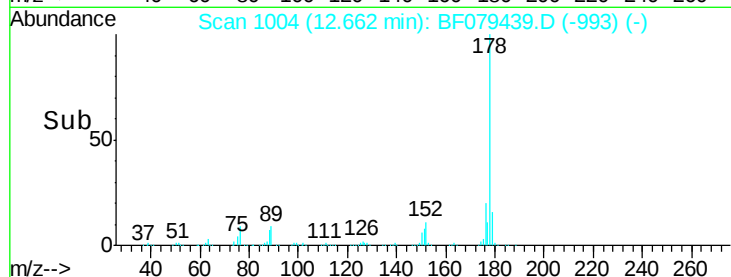
179 15.8 12.2 18.4



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: 44.00 ng

RT: 12.73 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

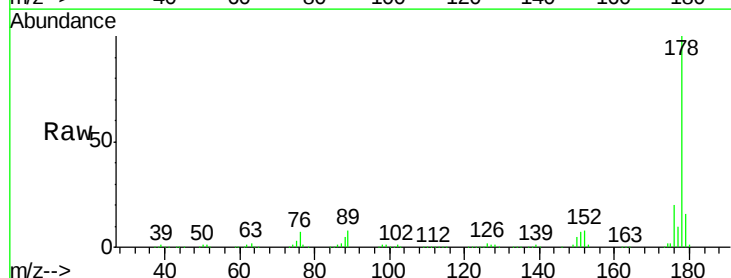
Tgt Ion:178 Resp: 675402

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

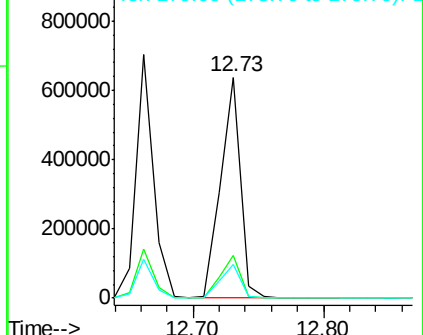
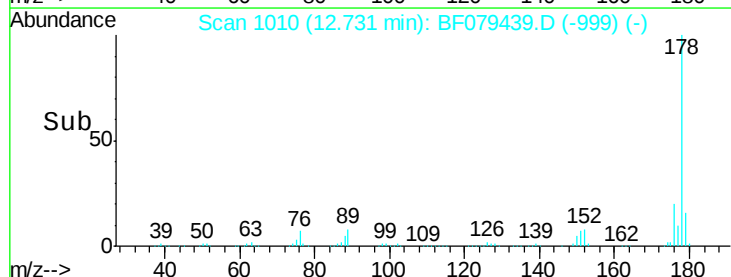
179 15.5 12.6 19.0

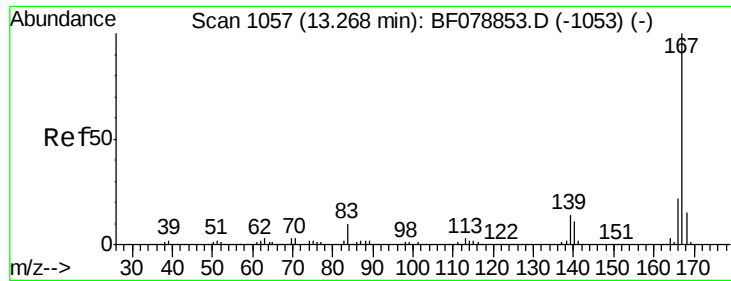


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 43.02 ng

RT: 12.94 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB83558BSD

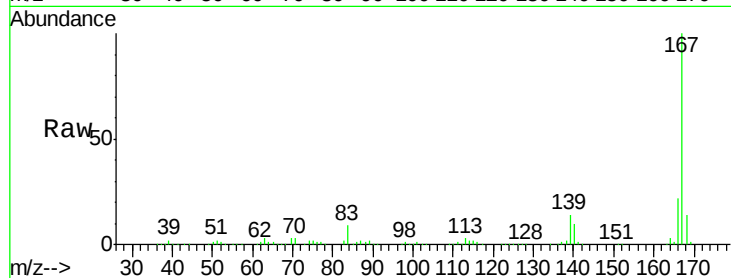
Tgt Ion:167 Resp: 629367

Ion Ratio Lower Upper

167 100

166 22.0 17.5 26.3

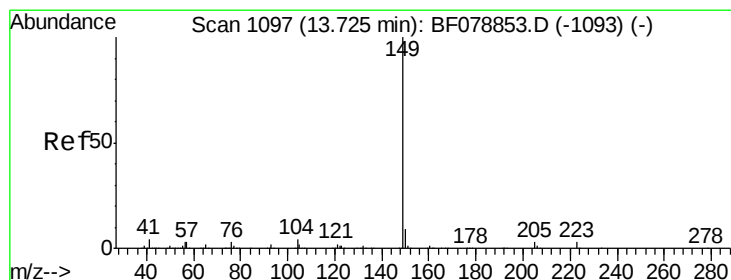
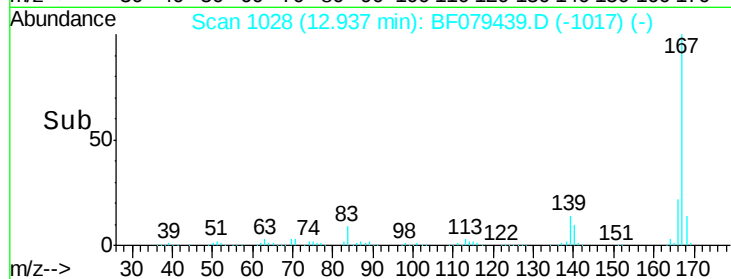
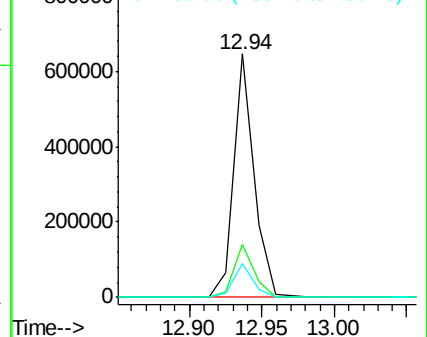
139 13.7 11.0 16.4



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: 43.29 ng

RT: 13.39 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

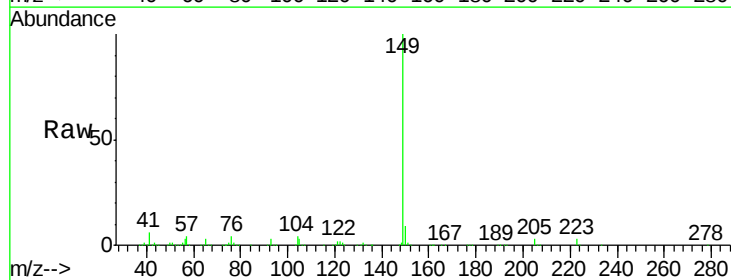
Tgt Ion:149 Resp: 759414

Ion Ratio Lower Upper

149 100

150 9.3 7.0 10.4

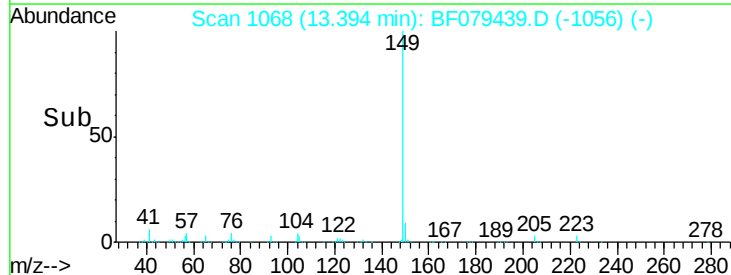
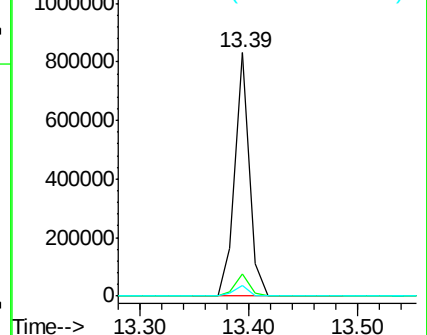
104 4.5 3.3 4.9

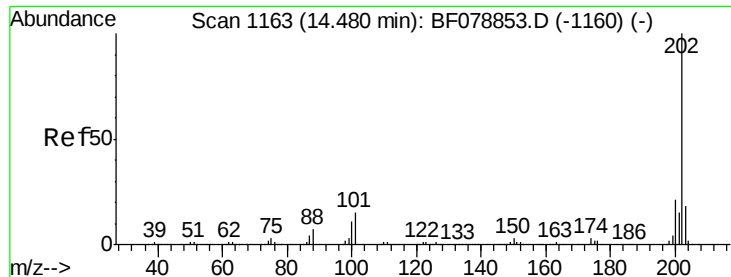


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

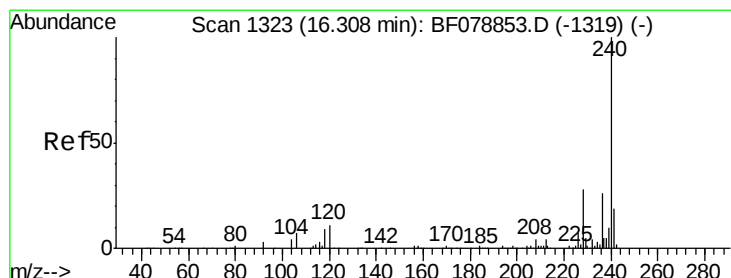
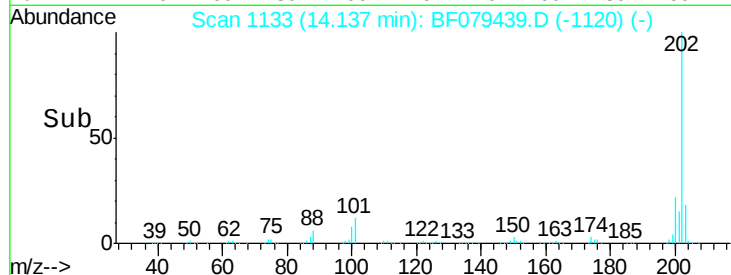
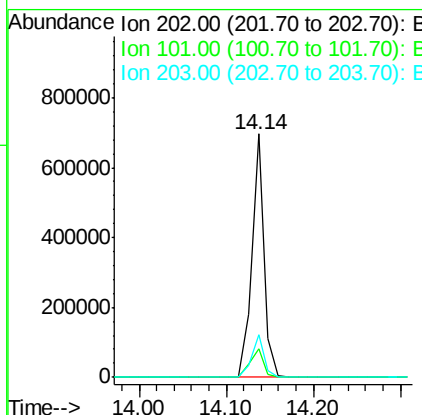
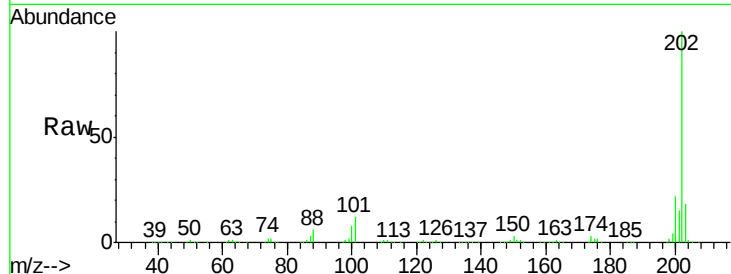




#74
Fluoranthene
Concen: 42.07 ng
RT: 14.14 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

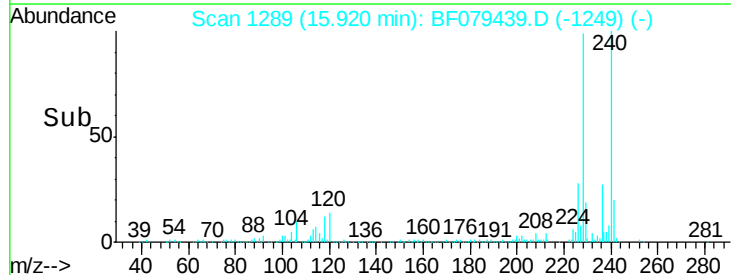
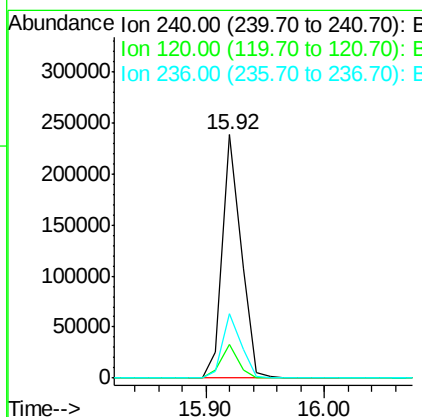
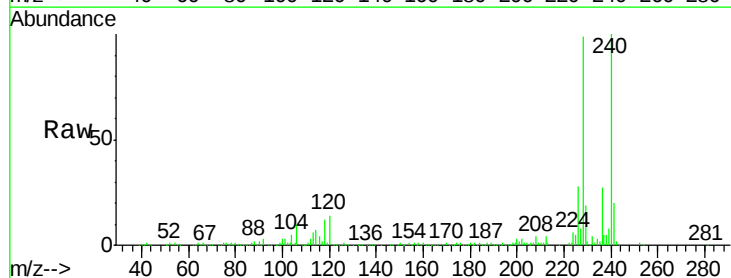
Instrument :
BNA_F
ClientSampleId :
PB83558BSD

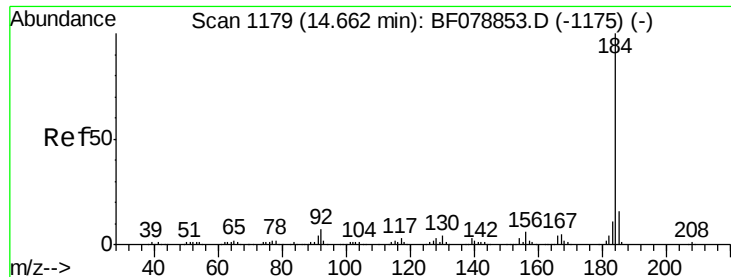
Tgt Ion: 202 Resp: 685799
Ion Ratio Lower Upper
202 100
101 11.8 0.0 34.7
203 17.6 0.0 37.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.92 min Scan# 1289
Delta R.T. -0.05 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion: 240 Resp: 260024
Ion Ratio Lower Upper
240 100
120 13.9 8.6 12.8#
236 26.5 21.0 31.6





#76

Benzidine

Concen: 45.52 ng

RT: 14.32 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB83558BSD

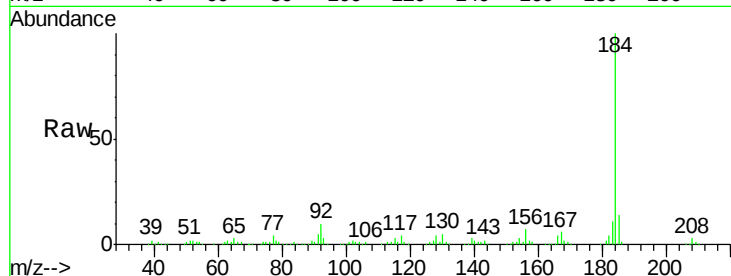
Tgt Ion:184 Resp: 318969

Ion Ratio Lower Upper

184 100

185 14.3 12.8 19.2

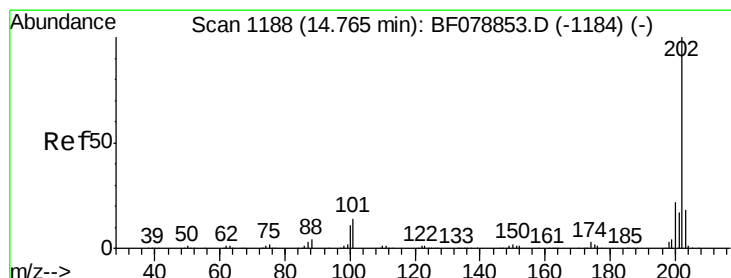
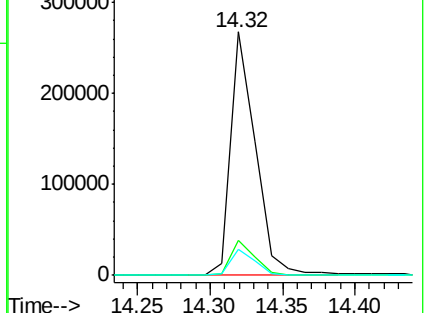
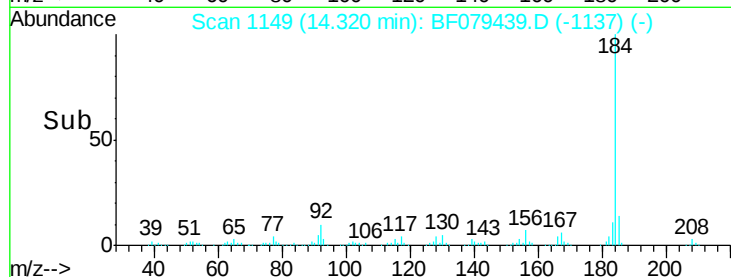
183 10.7 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 46.31 ng

RT: 14.41 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

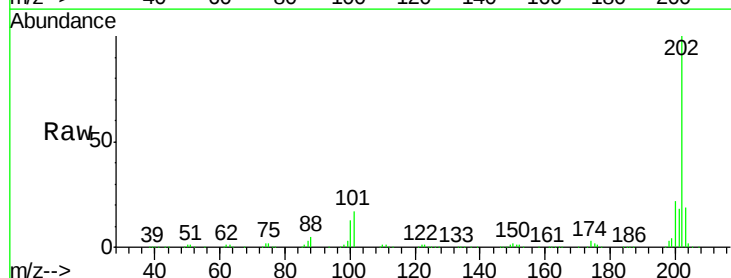
Tgt Ion:202 Resp: 693857

Ion Ratio Lower Upper

202 100

200 22.2 17.5 26.3

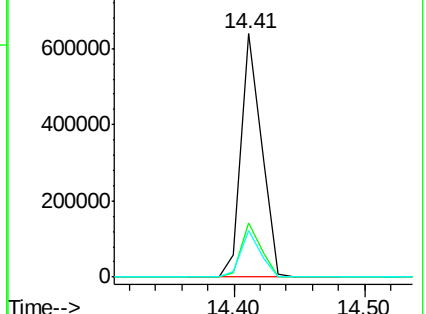
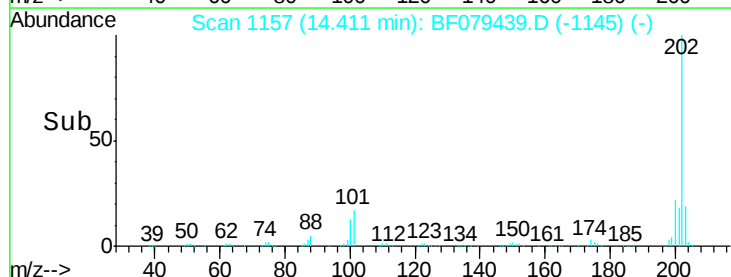
203 19.0 14.7 22.1

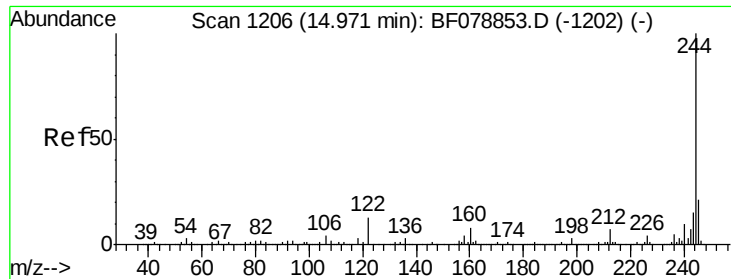


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

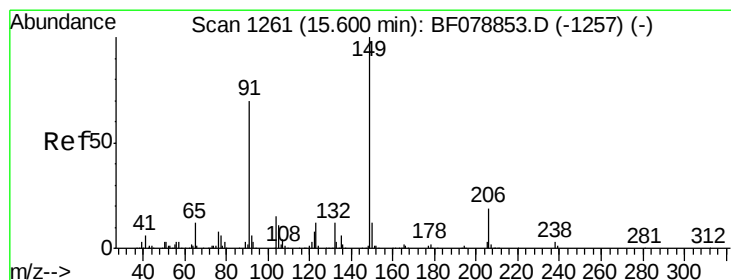
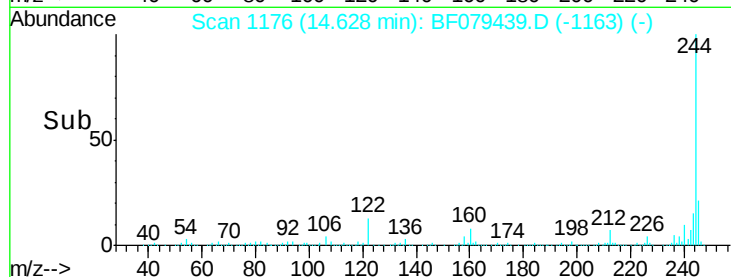
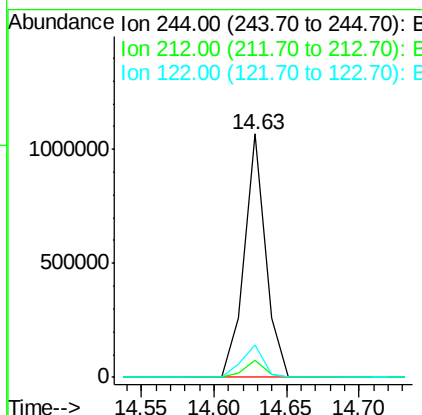
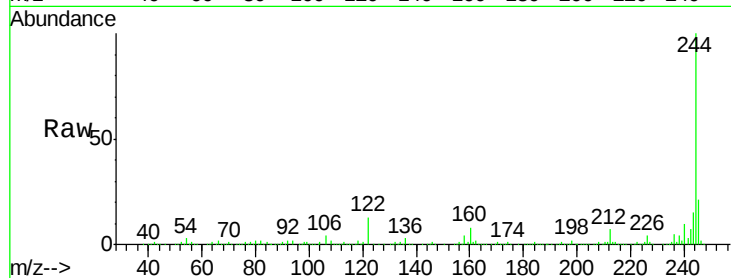




#78
 Terphenyl-d14
 Concen: 101.10 ng
 RT: 14.63 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

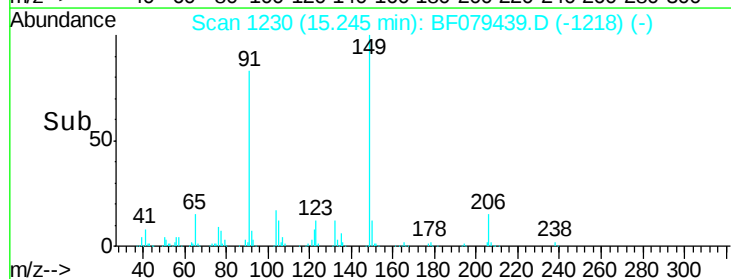
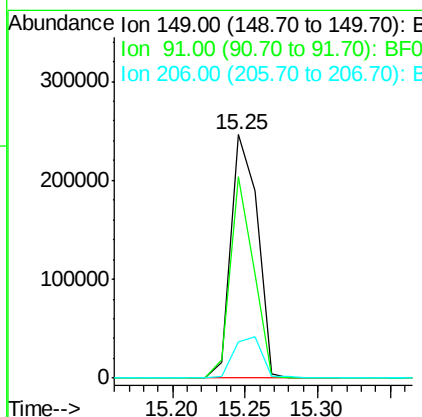
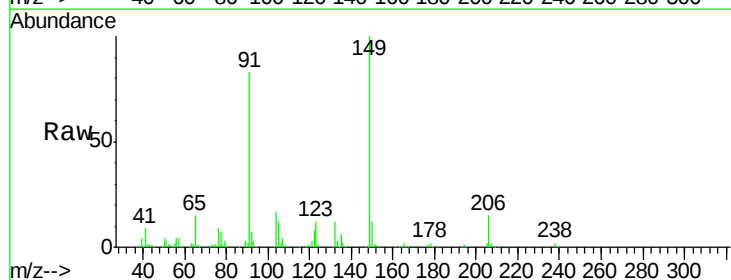
Instrument :
 BNA_F
 ClientSampleId :
 PB83558BSD

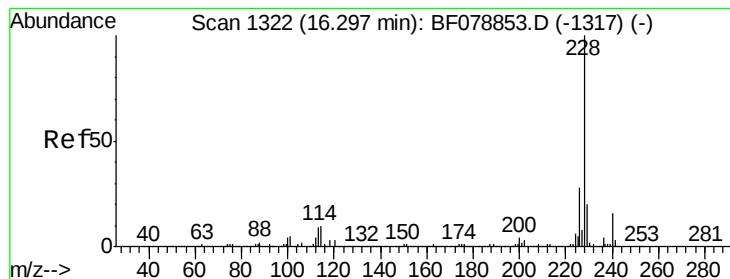
Tgt Ion:244 Resp: 1098042
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 13.1 10.5 15.7



#79
 Butylbenzylphthalate
 Concen: 47.86 ng
 RT: 15.25 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF079439.D
 Acq: 22 May 2015 18:05

Tgt Ion:149 Resp: 313501
 Ion Ratio Lower Upper
 149 100
 91 82.5 56.2 84.2
 206 15.0 15.2 22.8#





#80

Benzo(a)anthracene

Concen: 42.91 ng

RT: 15.91 min Scan# 1288

Delta R.T. -0.05 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB83558BSD

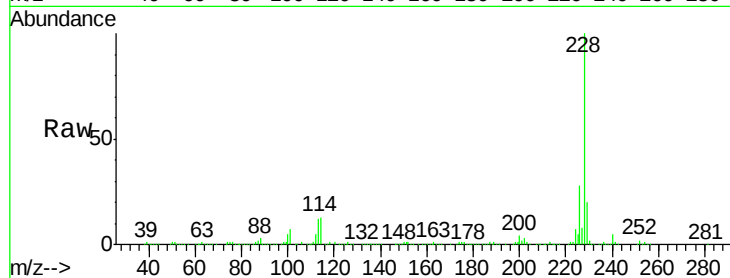
Tgt Ion:228 Resp: 610975

Ion Ratio Lower Upper

228 100

226 28.4 22.3 33.5

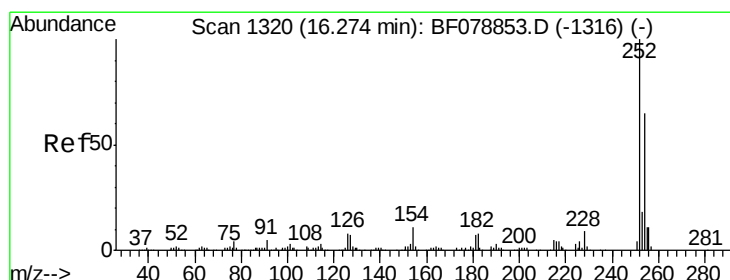
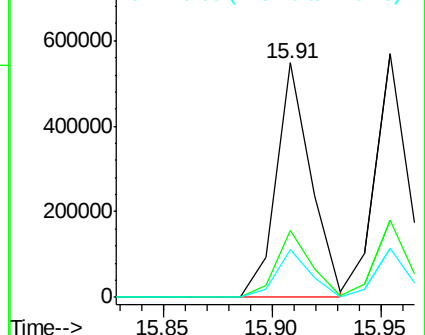
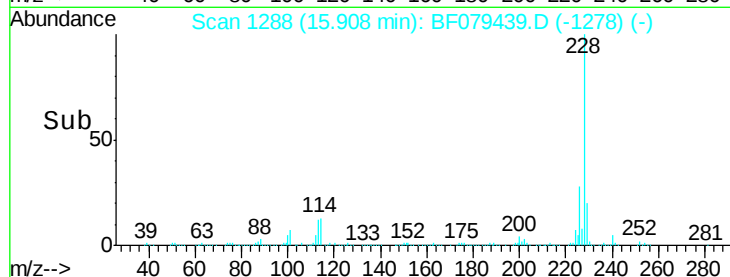
229 20.4 16.1 24.1



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: 34.70 ng

RT: 15.90 min Scan# 1287

Delta R.T. -0.03 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

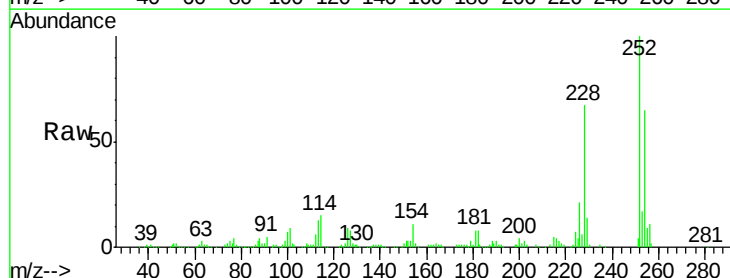
Tgt Ion:252 Resp: 175980

Ion Ratio Lower Upper

252 100

254 64.6 52.2 78.2

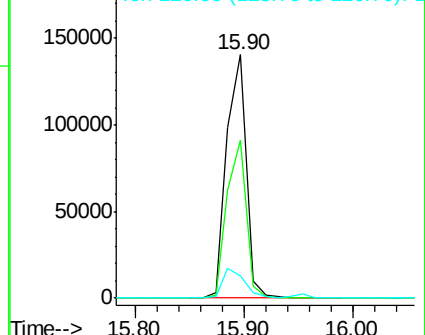
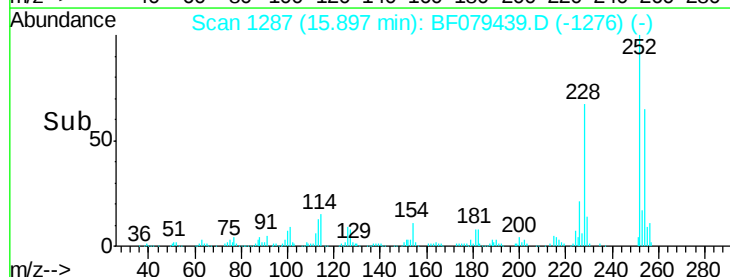
126 9.2 6.6 9.8

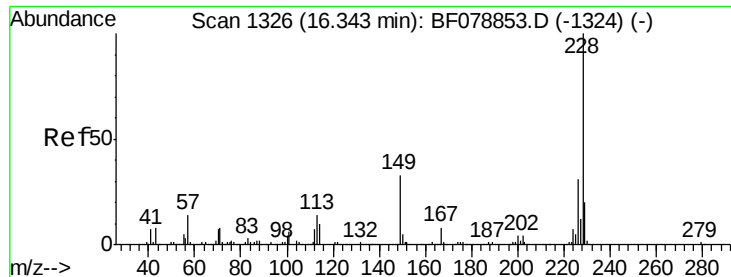


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 43.18 ng

RT: 15.95 min Scan# 1292

Delta R.T. -0.05 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB83558BSD

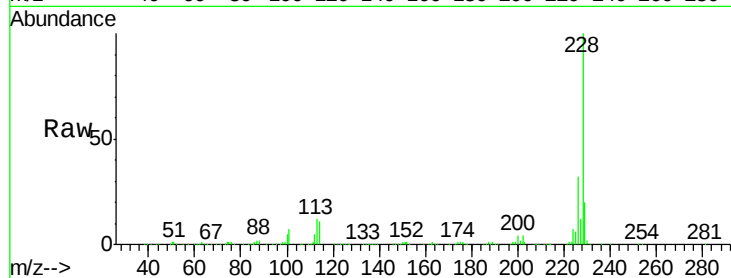
Tgt Ion:228 Resp: 591352

Ion Ratio Lower Upper

228 100

226 31.8 24.8 37.2

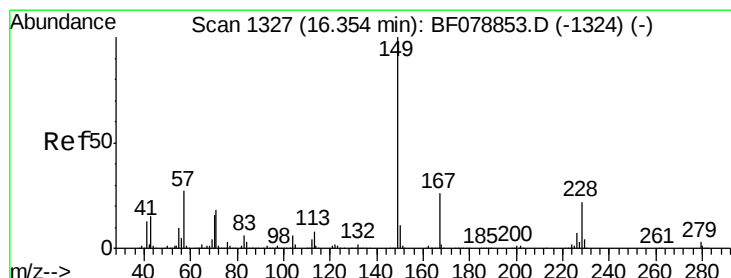
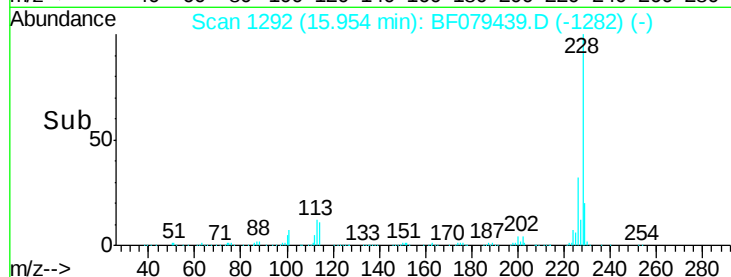
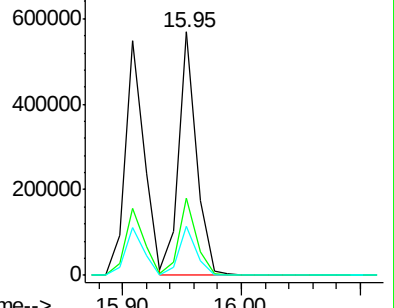
229 20.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.53 ng

RT: 15.98 min Scan# 1294

Delta R.T. -0.06 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

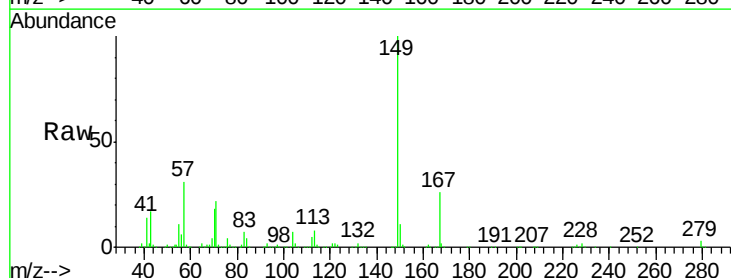
Tgt Ion:149 Resp: 451703

Ion Ratio Lower Upper

149 100

167 25.7 21.2 31.8

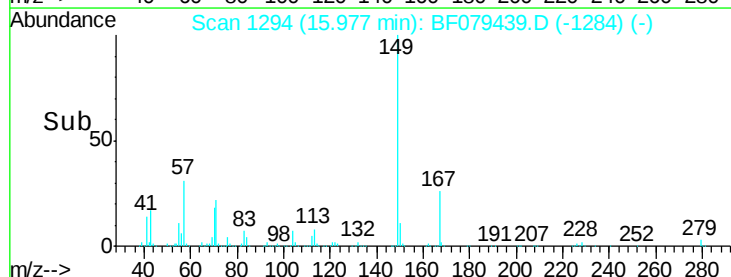
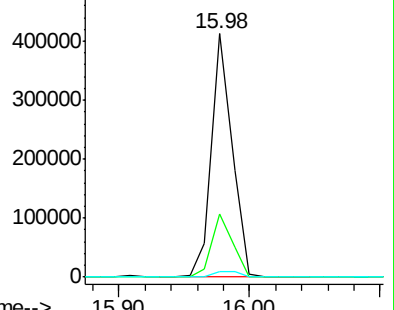
279 2.5 2.6 4.0#

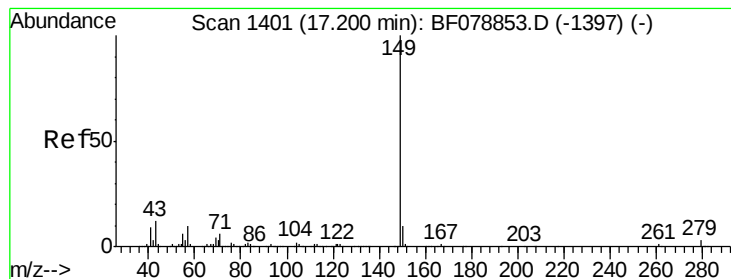


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 43.39 ng

RT: 16.79 min Scan# 1365

Delta R.T. -0.10 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB83558BSD

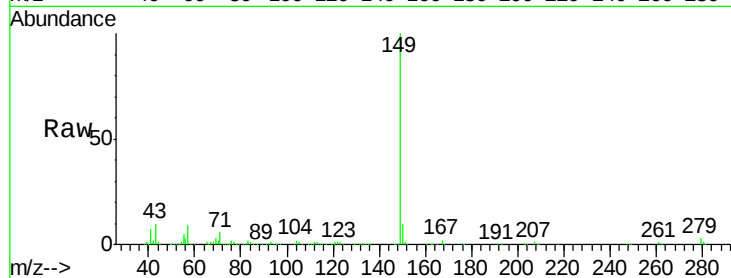
Tgt Ion:149 Resp: 758178

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

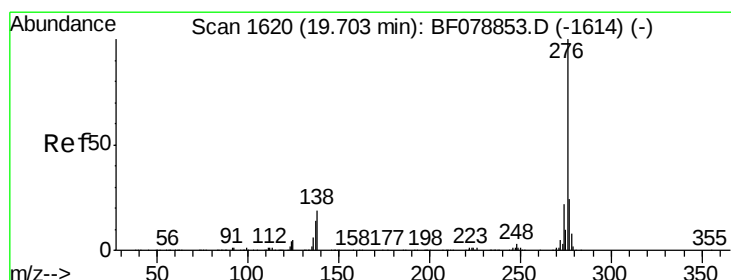
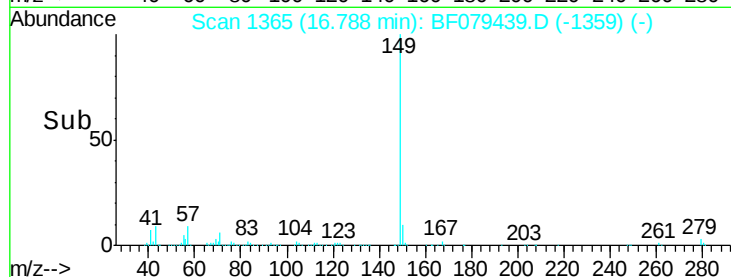
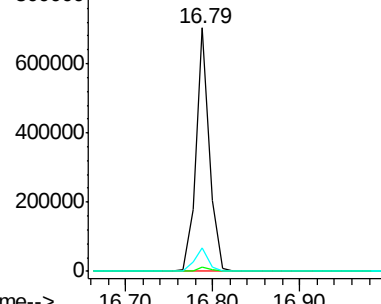
43 9.7 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 41.49 ng

RT: 19.05 min Scan# 1563

Delta R.T. -0.19 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

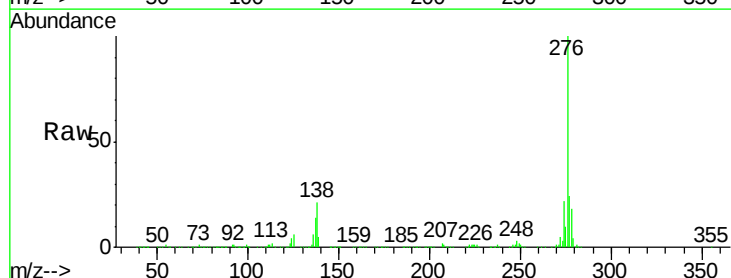
Tgt Ion:276 Resp: 724024

Ion Ratio Lower Upper

276 100

138 26.5 21.1 31.7

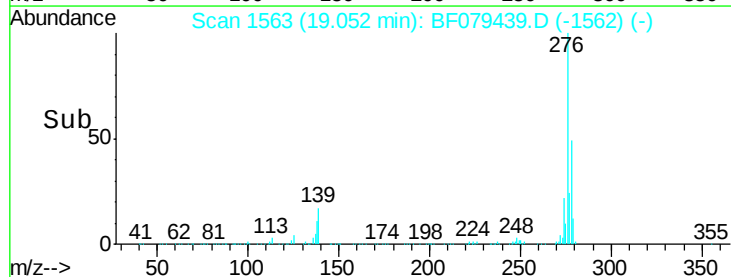
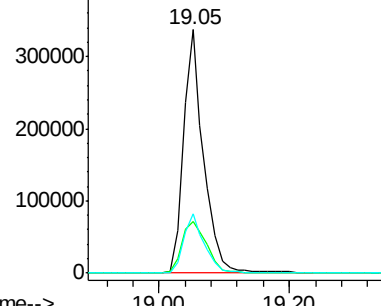
277 25.3 19.9 29.9

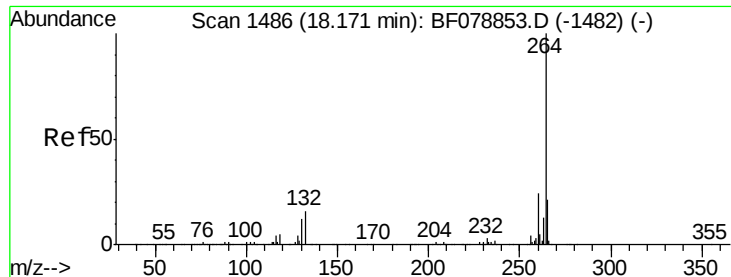


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

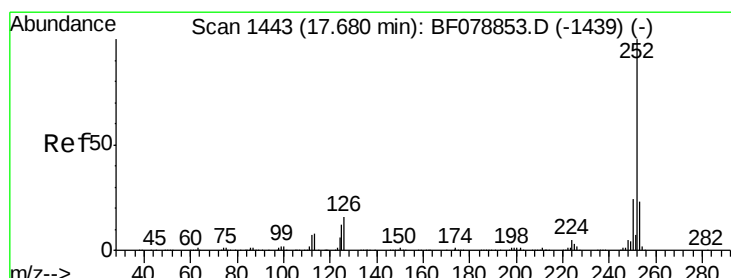
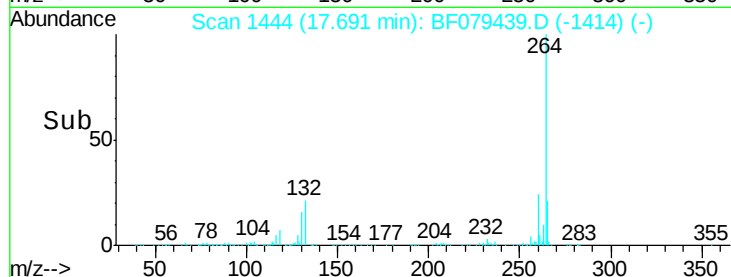
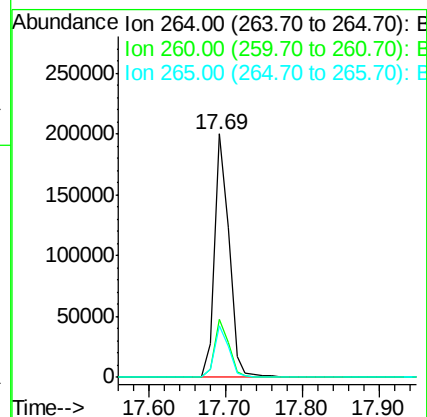
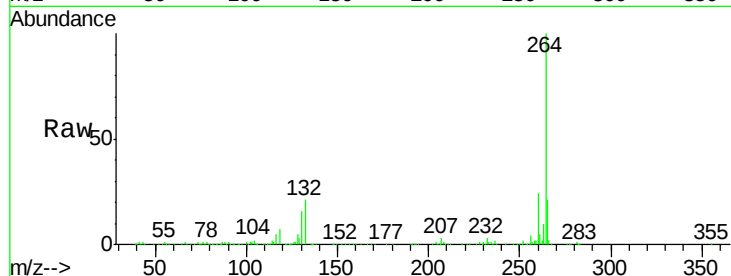




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.69 min Scan# 1444
Delta R.T. -0.16 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

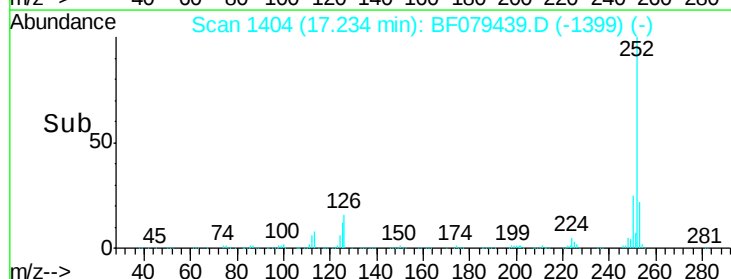
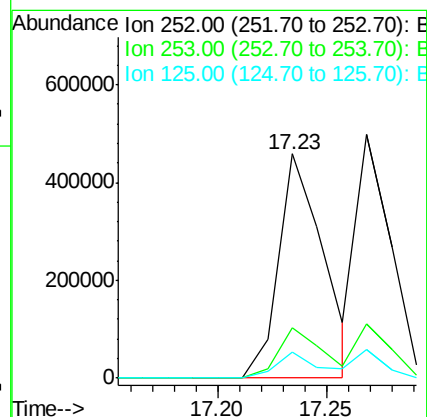
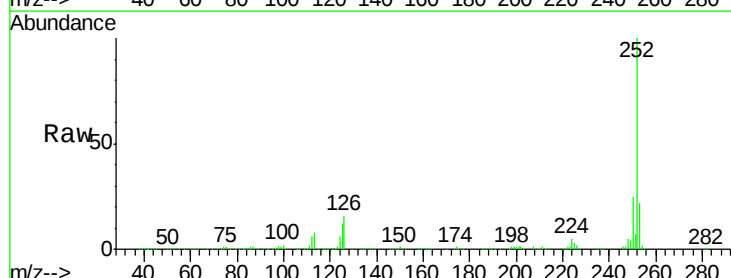
Instrument :
BNA_F
ClientSampleId :
PB83558BSD

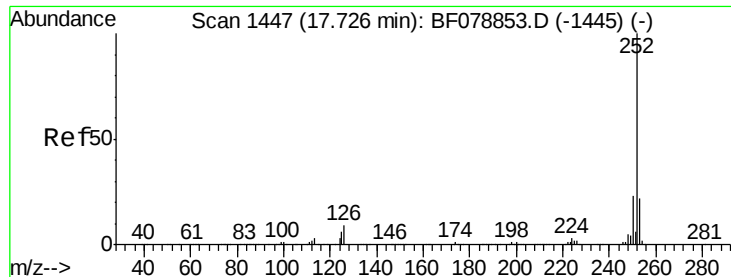
Tgt Ion: 264 Resp: 259746
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.1 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 46.36 ng
RT: 17.23 min Scan# 1404
Delta R.T. -0.13 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion: 252 Resp: 659086
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 11.6 9.4 14.2

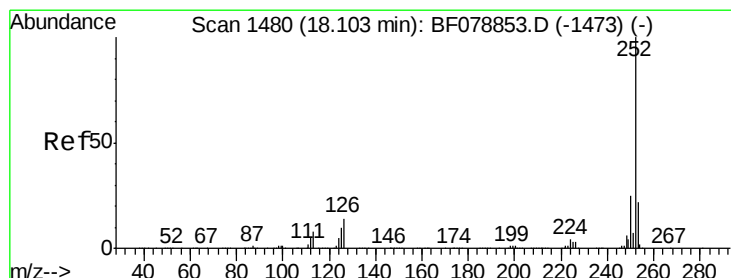
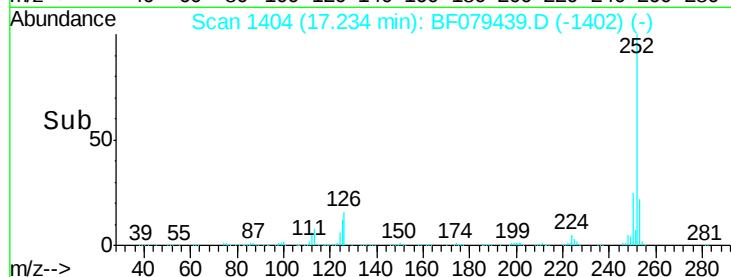
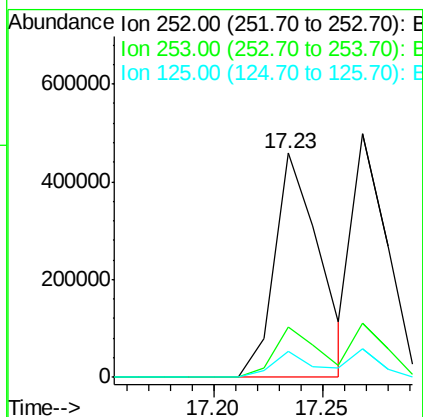
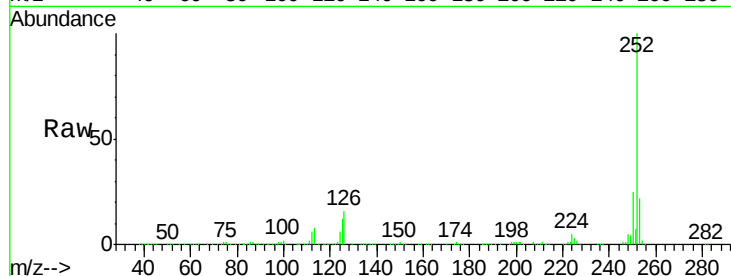




#88
Benzo(k)fluoranthene
Concen: 47.89 ng
RT: 17.23 min Scan# 1404
Delta R.T. -0.16 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

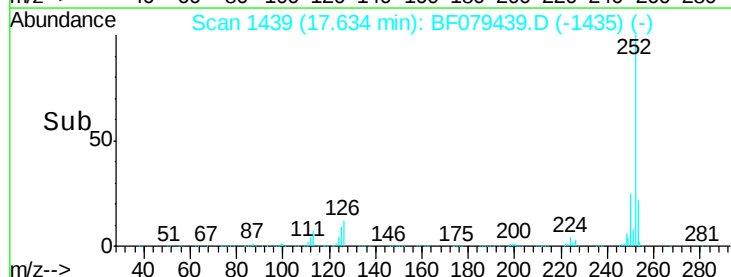
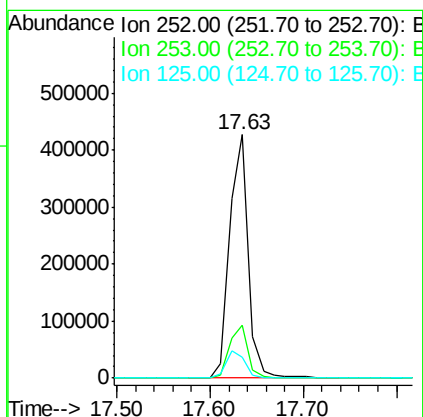
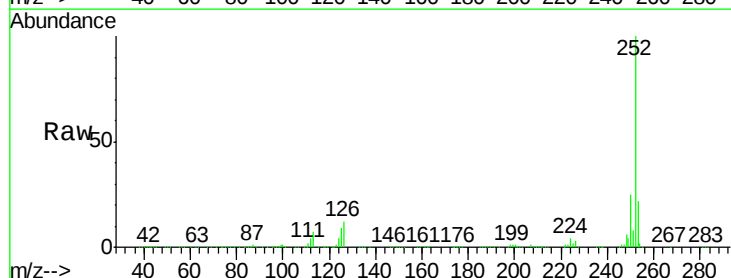
Instrument :
BNA_F
ClientSampleId :
PB83558BSD

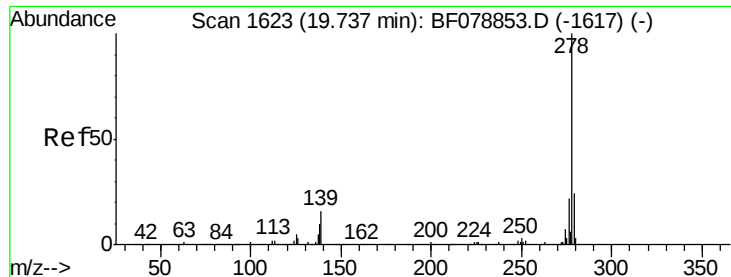
Tgt Ion:252 Resp: 659086
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 11.6 6.1 9.1#



#89
Benzo(a)pyrene
Concen: 45.59 ng
RT: 17.63 min Scan# 1439
Delta R.T. -0.14 min
Lab File: BF079439.D
Acq: 22 May 2015 18:05

Tgt Ion:252 Resp: 596855
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 8.8 8.2 12.2





#90

Dibenzo(a,h)anthracene

Concen: 42.45 ng

RT: 19.07 min Scan# 1565

Delta R.T. -0.19 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

Instrument :

BNA_F

ClientSampleId :

PB83558BSD

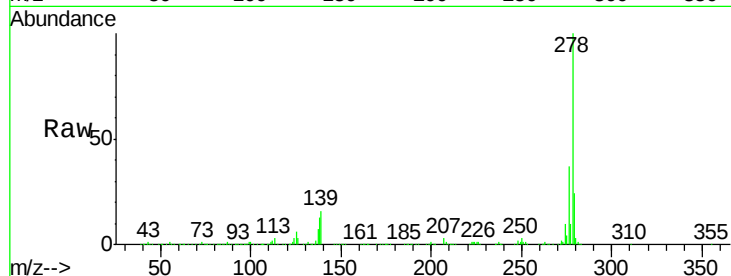
Tgt Ion: 278 Resp: 590671

Ion Ratio Lower Upper

278 100

139 16.4 13.1 19.7

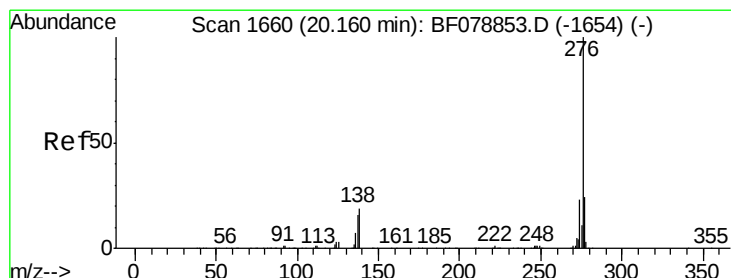
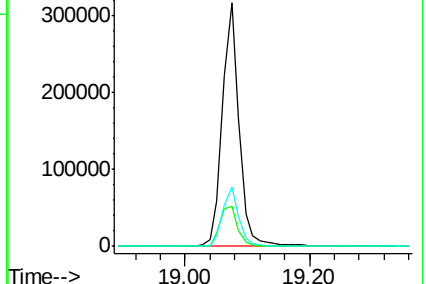
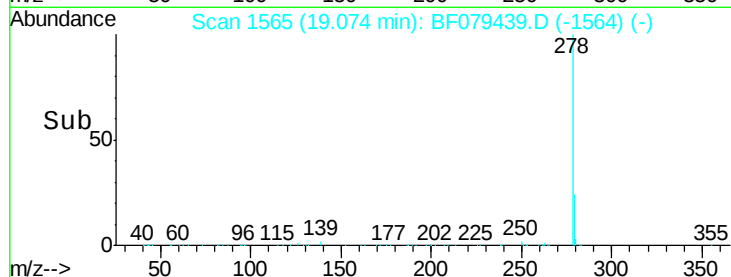
279 24.2 19.1 28.7



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: 43.11 ng

RT: 19.44 min Scan# 1597

Delta R.T. -0.21 min

Lab File: BF079439.D

Acq: 22 May 2015 18:05

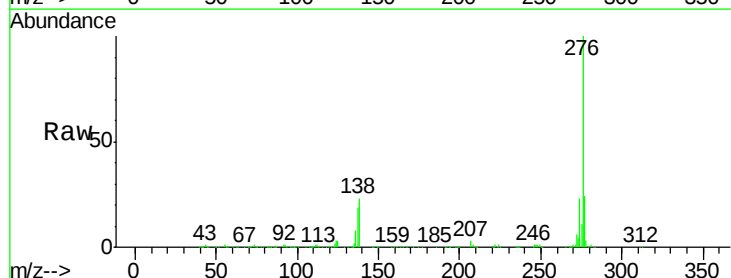
Tgt Ion: 276 Resp: 601155

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 23.1 15.2 22.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

