

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052215\
 Data File : BF079451.D
 Acq On : 22 May 2015 23:49
 Operator : TP/IZ
 Sample : PB83563BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83563BS

Quant Time: May 23 00:19:18 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	69836	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	281681	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	136975	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	256201	20.00	ng	-0.01
75) Chrysene-d12	15.91	240	240740	20.00	ng	-0.06
86) Perylene-d12	17.62	264	244576	20.00	ng	-0.23

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.63	99	643053	119.91	ng	0.00
23) Nitrobenzene-d5	7.75	82	368238	75.13	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	198134	133.71	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	763767	77.68	ng	0.00
78) Terphenyl-d14	14.63	244	840814	83.62	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.64	93	168977	22.32	ng	# 64
8) 2-Chlorophenol	6.79	128	190336	41.36	ng	84
9) Benzaldehyde	6.50	77	27561	7.63	ng	97
10) Phenol	6.65	94	241581	38.83	ng	90
11) bis(2-Chloroethyl)ether	6.75	93	172432	37.81	ng	98
12) 1,3-Dichlorobenzene	6.97	146	200351	38.74	ng	# 95
13) 1,4-Dichlorobenzene	7.07	146	200942	37.75	ng	99
14) 1,2-Dichlorobenzene	7.26	146	191197	38.59	ng	97
15) Benzyl Alcohol	7.24	79	149560	37.57	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.42	45	252513	36.19	ng	94
17) 2-Methylphenol	7.39	107	153832	41.54	ng	94
18) Hexachloroethane	7.67	117	71405	38.95	ng	95
19) n-Nitroso-di-n-propylamine	7.58	70	135982	37.54	ng	97
20) 3+4-Methylphenols	7.59	107	207600	42.08	ng	# 47
22) Acetophenone	7.56	105	261825	41.14	ng	# 88
24) Nitrobenzene	7.77	77	192333	39.59	ng	# 91
25) Isophorone	8.07	82	349734	38.49	ng	# 90
26) 2-Nitrophenol	8.17	139	87761	43.65	ng	92
27) 2,4-Dimethylphenol	8.24	122	178261	44.30	ng	95
28) bis(2-Chloroethoxy)methane	8.35	93	224025	39.99	ng	98
29) 2,4-Dichlorophenol	8.47	162	166313	46.48	ng	93
30) 1,2,4-Trichlorobenzene	8.56	180	158572	40.35	ng	96
31) Naphthalene	8.65	128	544489	40.57	ng	99
32) Benzoic acid	8.38	122	81035	34.24	ng	100
33) 4-Chloroaniline	8.74	127	134126	23.62	ng	# 88
34) Hexachlorobutadiene	8.81	225	87657	38.73	ng	99
35) Caprolactam	9.18	113	49141	42.47	ng	# 79
36) 4-Chloro-3-methylphenol	9.36	107	166918	44.42	ng	98
37) 2-Methylnaphthalene	9.51	142	386251	41.53	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	152360	39.50	ng	98
40) Hexachlorocyclopentadiene	9.70	237	99180	51.13	ng	96
42) 2,4,6-Trichlorophenol	9.87	196	107998	40.72	ng	98
43) 2,4,5-Trichlorophenol	9.92	196	113200	42.22	ng	# 87
45) 1,1'-Biphenyl	10.09	154	449306	41.26	ng	96

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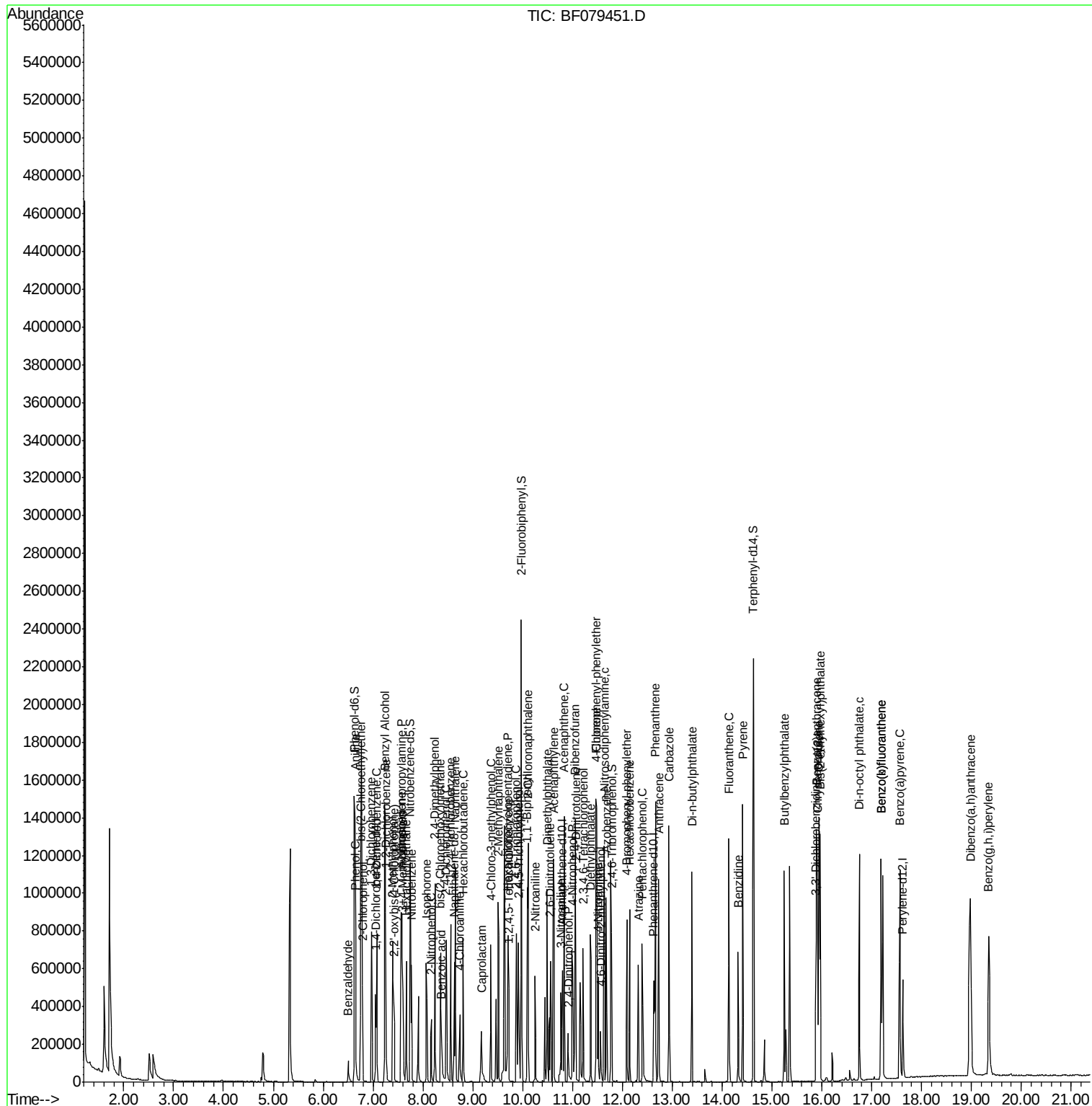
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	10.11	162	358229	42.18	ng	96
47) 2-Nitroaniline	10.25	65	102184	41.52	ng	88
48) Acenaphthylene	10.62	152	572915	41.08	ng	99
49) Dimethylphthalate	10.49	163	426414	42.42	ng	99
50) 2,6-Dinitrotoluene	10.56	165	86357	43.53	ng	# 52
51) Acenaphthene	10.83	154	332390	39.97	ng	99
52) 3-Nitroaniline	10.76	138	80601	32.52	ng	86
53) 2,4-Dinitrophenol	10.91	184	45508	63.27	ng	# 57
54) Dibenzofuran	11.05	168	504093	41.96	ng	98
55) 4-Nitrophenol	10.99	139	125673	64.07	ng	86
56) 2,4-Dinitrotoluene	11.06	165	120198	45.83	ng	98
57) Fluorene	11.47	166	411268	41.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	90101	41.12	ng	99
59) Diethylphthalate	11.36	149	409735	41.14	ng	97
60) 4-Chlorophenyl-phenylether	11.49	204	179207	40.97	ng	96
61) 4-Nitroaniline	11.52	138	99086	39.97	ng	93
62) Azobenzene	11.68	77	409180	41.70	ng	98
64) 4,6-Dinitro-2-methylphenol	11.57	198	43528	42.69	ng	78
65) n-Nitrosodiphenylamine	11.63	169	348605	40.86	ng	99
66) 4-Bromophenyl-phenylether	12.09	248	113582	42.53	ng	93
67) Hexachlorobenzene	12.15	284	128967	42.25	ng	# 79
68) Atrazine	12.32	200	110827	44.67	ng	94
69) Pentachlorophenol	12.40	266	106137	61.19	ng	98
70) Phenanthrene	12.66	178	588084	41.03	ng	99
71) Anthracene	12.73	178	604496	42.99	ng	99
72) Carbazole	12.94	167	575270	42.92	ng	100
73) Di-n-butylphthalate	13.39	149	661768	41.17	ng	99
74) Fluoranthene	14.14	202	625042	41.85	ng	95
76) Benzidine	14.32	184	292721	45.12	ng	98
77) Pyrene	14.41	202	638417	46.02	ng	100
79) Butylbenzylphthalate	15.25	149	282280	46.55	ng	96
80) Benzo(a)anthracene	15.90	228	565474	42.89	ng	99
81) 3,3'-Dichlorobenzidine	15.89	252	162982	34.71	ng	99
82) Chrysene	15.94	228	549494	43.34	ng	100
83) Bis(2-ethylhexyl)phthalate	15.97	149	404163	44.00	ng	# 98
84) Di-n-octyl phthalate	16.75	149	694660	42.94	ng	96
87) Benzo(b)fluoranthene	17.19	252	562477	42.02	ng	# 98
88) Benzo(k)fluoranthene	17.19	252	562477	43.40	ng	# 98
89) Benzo(a)pyrene	17.57	252	565993	45.92	ng	98
90) Dibenzo(a,h)anthracene	18.98	278	557171	42.53	ng	99
91) Benzo(g,h,i)perylene	19.35	276	574917	43.79	ng	# 95

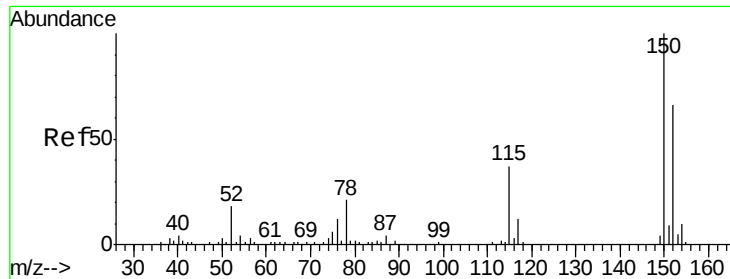
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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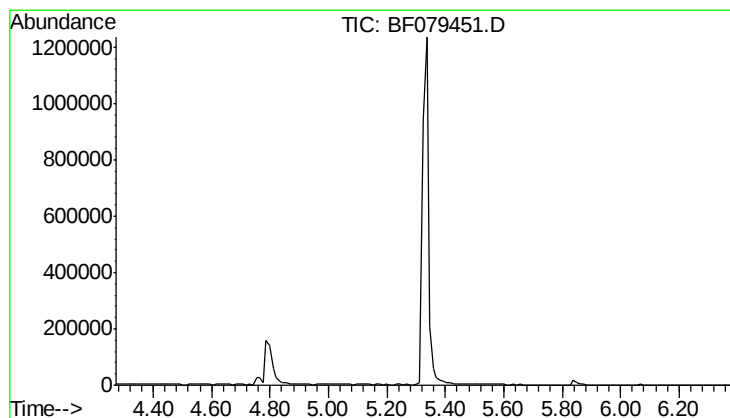
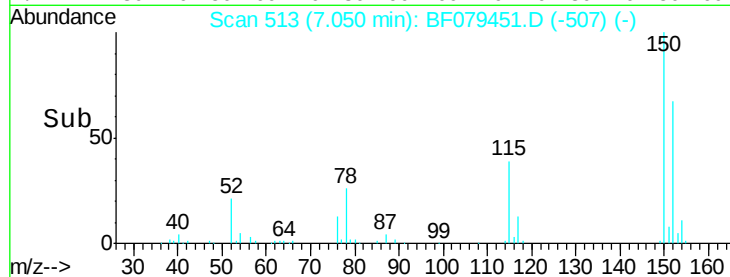
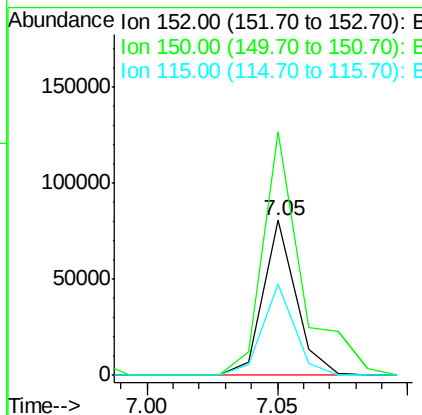
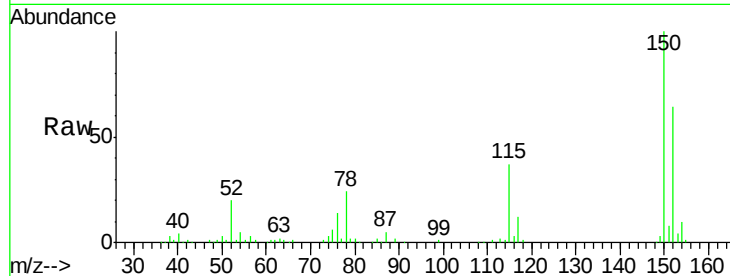




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

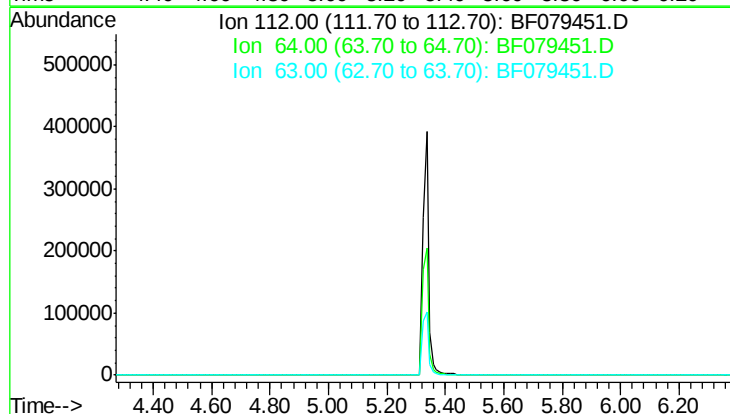
Instrument :
 BNA_F
 ClientSampleId :
 PB83563BS

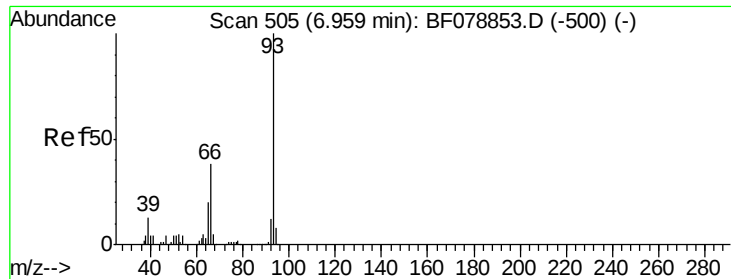
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.8	185.8
115	58.7	49.4	74.0



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.32 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Tgt Ion	Sig	Exp Ratio
112	100	
64	55.2	
63	28.4	





#6

Aniline

Concen: 22.32 ng

RT: 6.64 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB83563BS

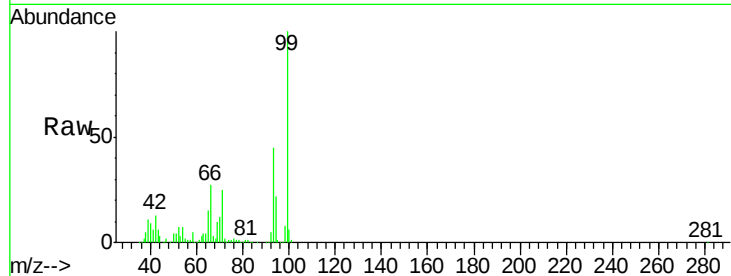
Tgt Ion: 93 Resp: 168977

Ion Ratio Lower Upper

93 100

66 61.6 30.7 46.1#

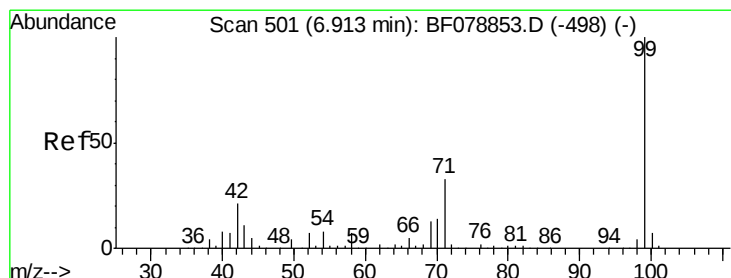
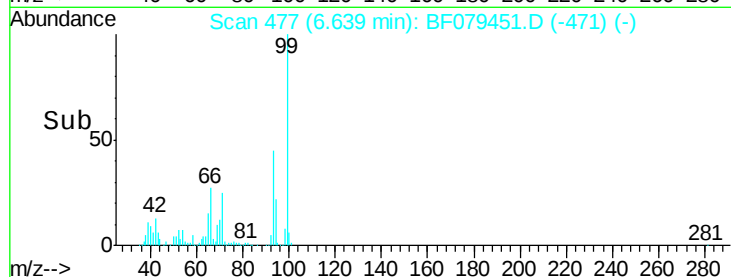
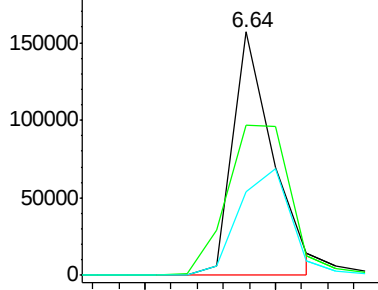
65 34.2 15.8 23.8#



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: 119.91 ng

RT: 6.63 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

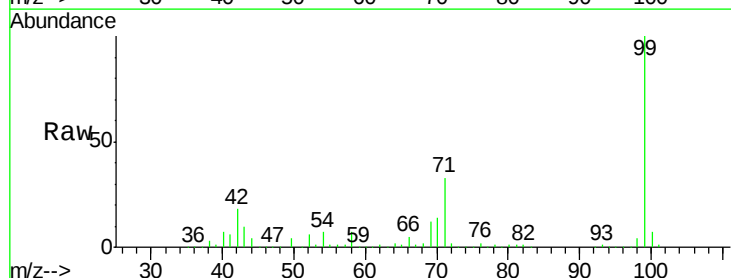
Tgt Ion: 99 Resp: 643053

Ion Ratio Lower Upper

99 100

42 18.4 17.1 25.7

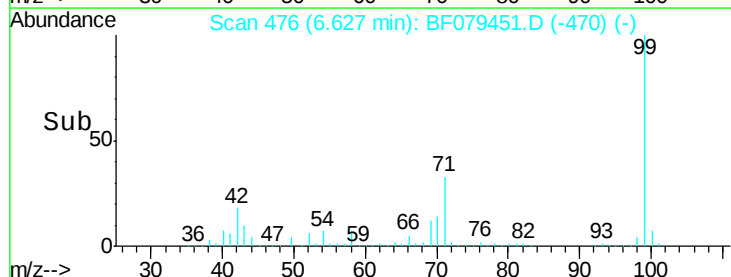
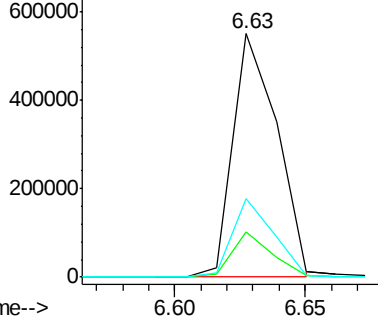
71 32.5 26.3 39.5

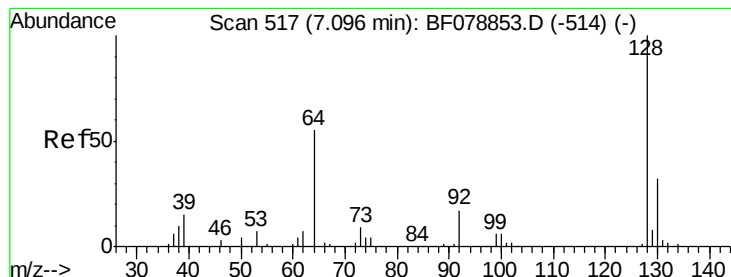


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 41.36 ng

RT: 6.79 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF079451.D

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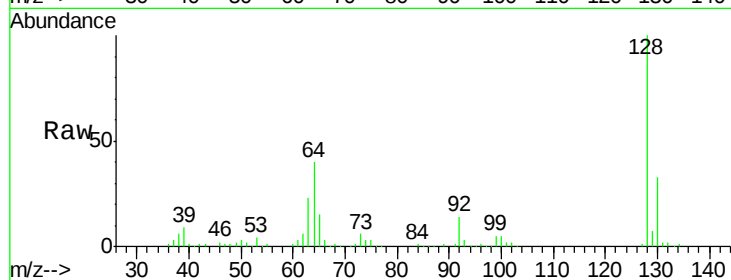
Tgt Ion:128 Resp: 190336

Ion Ratio Lower Upper

128 100

130 33.3 12.4 52.4

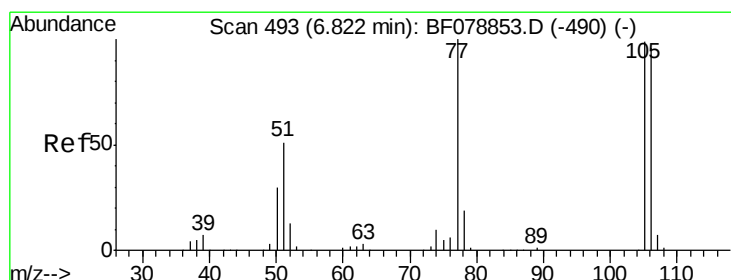
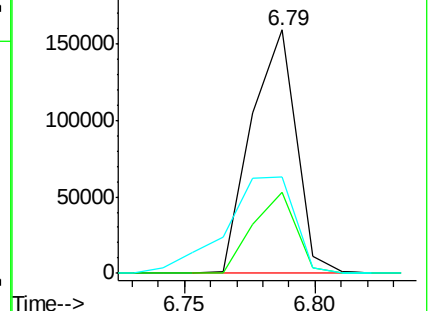
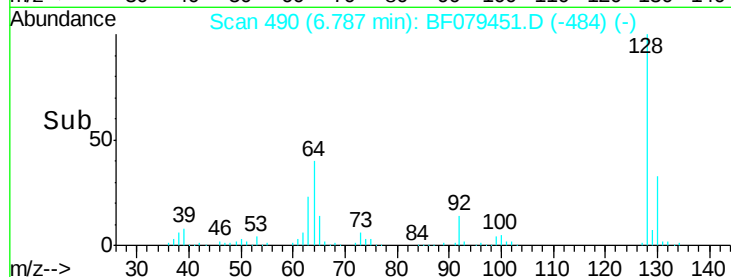
64 39.5 37.8 77.8



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: 7.63 ng

RT: 6.50 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

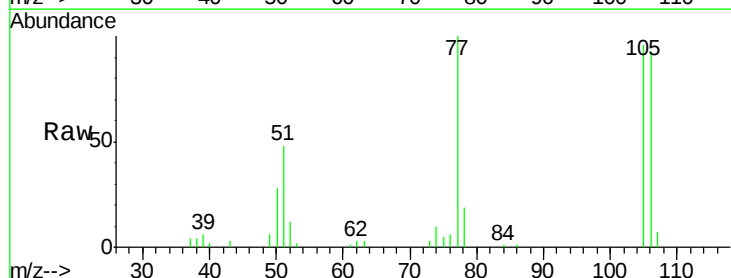
Tgt Ion: 77 Resp: 27561

Ion Ratio Lower Upper

77 100

105 96.4 78.9 118.9

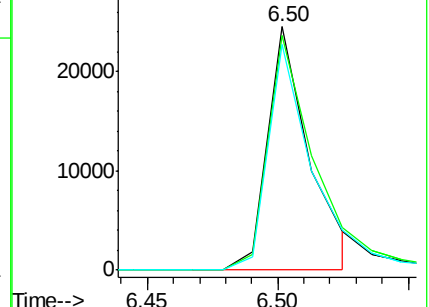
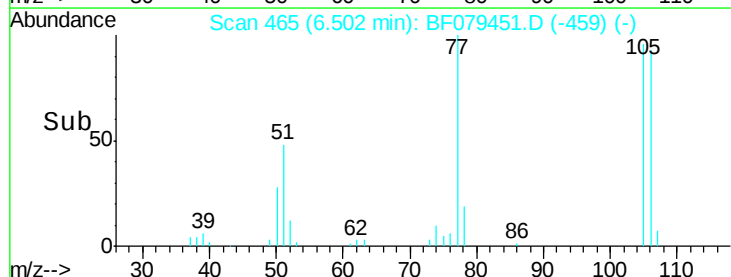
106 92.6 75.8 115.8

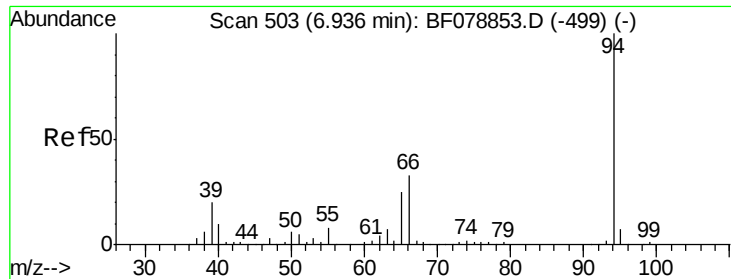


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 38.83 ng

RT: 6.65 min Scan# 478

Delta R.T. 0.00 min

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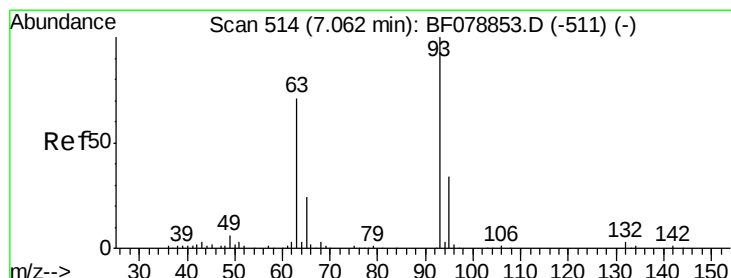
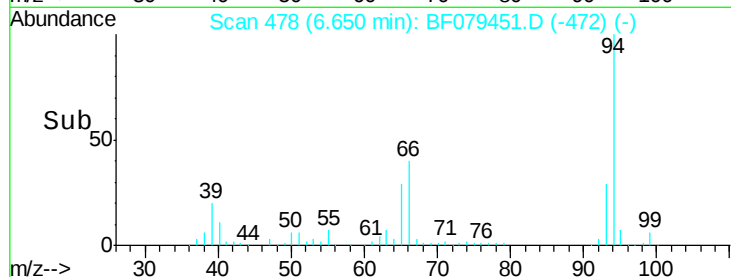
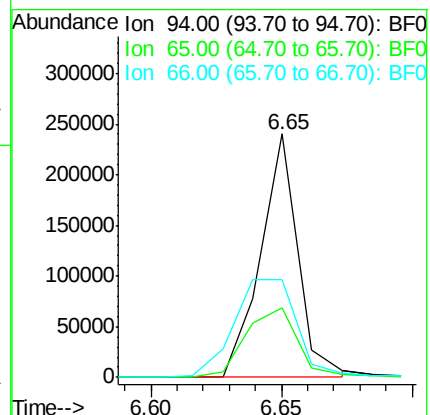
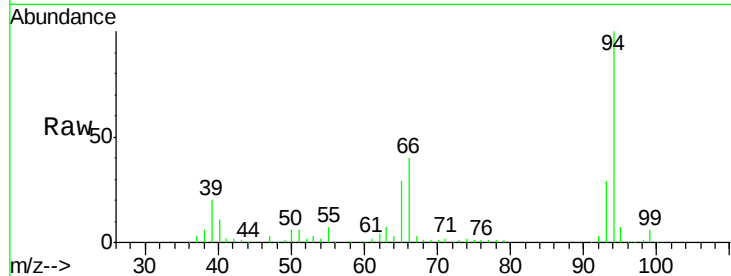
Tgt Ion: 94 Resp: 241581

Ion Ratio Lower Upper

94 100

65 28.7 5.1 45.1

66 40.0 13.1 53.1



#11

bis(2-Chloroethyl)ether

Concen: 37.81 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

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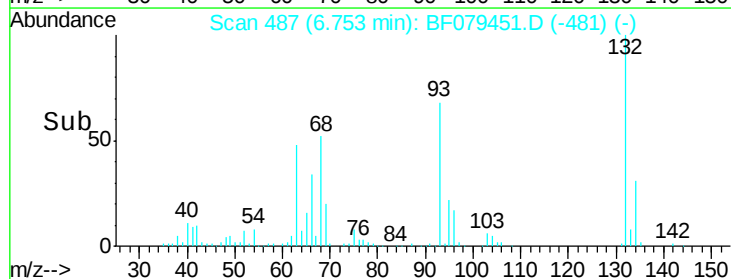
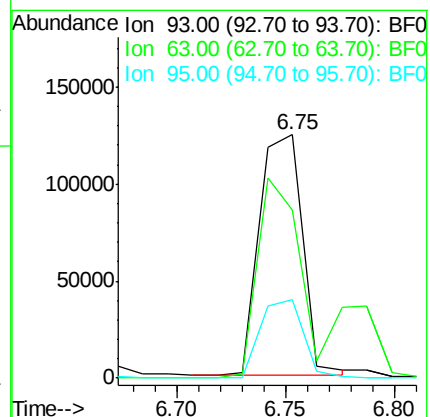
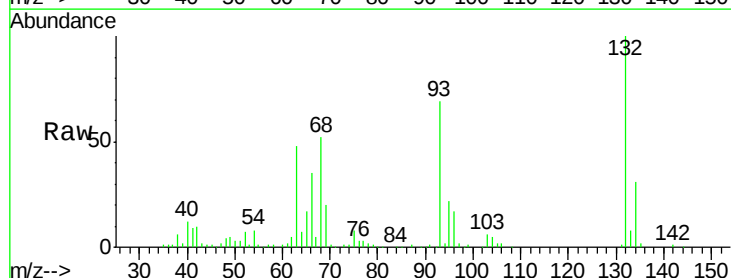
Tgt Ion: 93 Resp: 172432

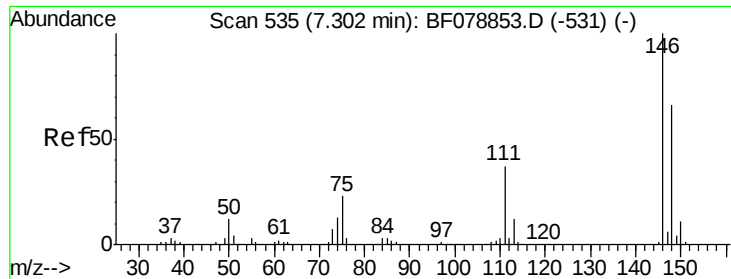
Ion Ratio Lower Upper

93 100

63 69.0 50.8 90.8

95 32.4 13.9 53.9

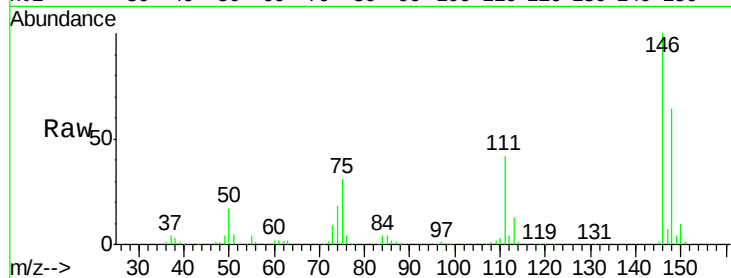




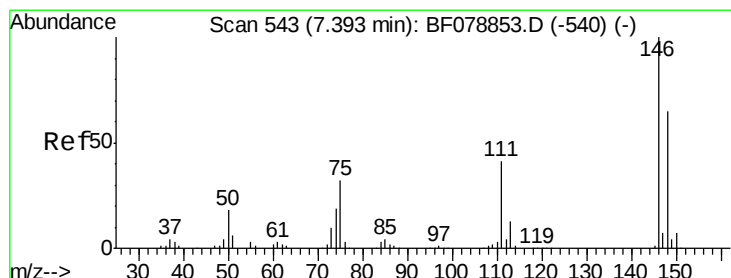
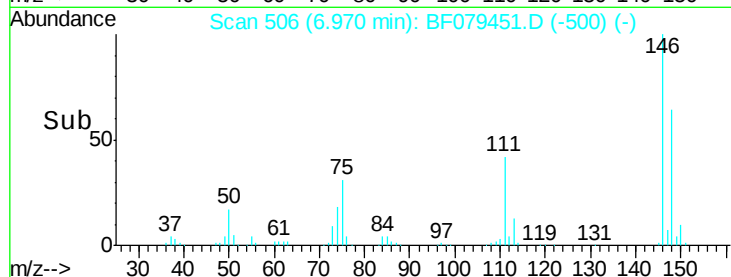
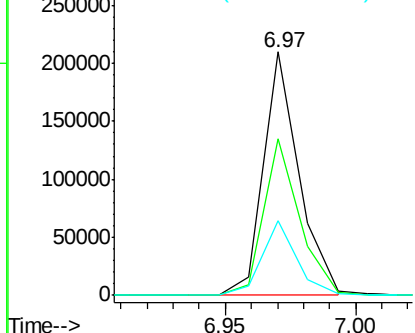
#12
 1,3-Dichlorobenzene
 Concen: 38.74 ng
 RT: 6.97 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

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Tgt Ion:146 Resp: 200351
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.4 78.6
 75 30.7 18.6 27.8#

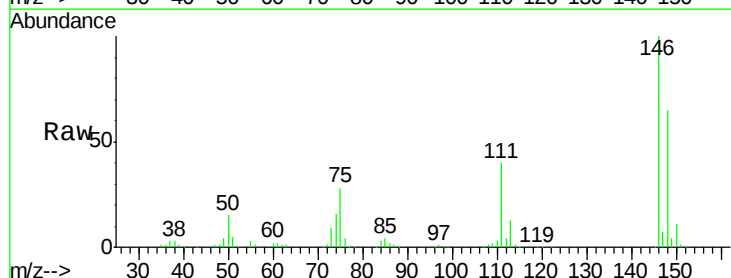


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

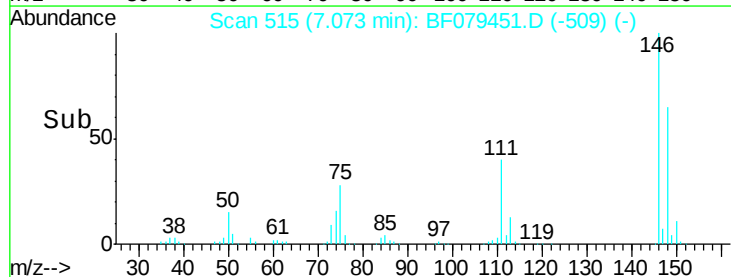
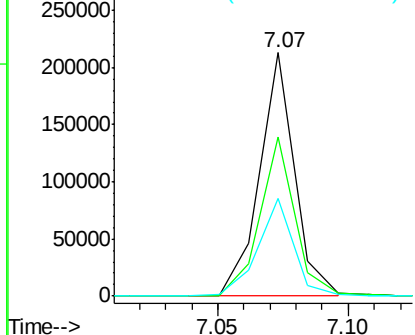


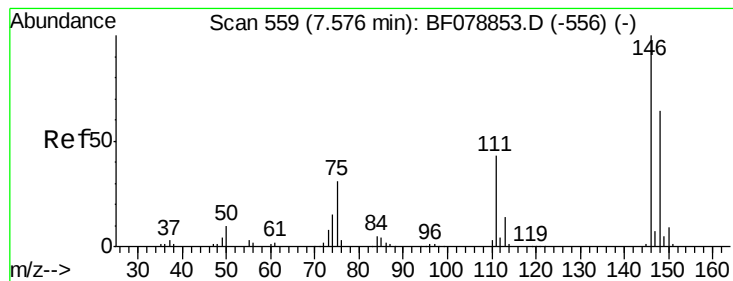
#13
 1,4-Dichlorobenzene
 Concen: 37.75 ng
 RT: 7.07 min Scan# 515
 Delta R.T. 0.00 min
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Tgt Ion:146 Resp: 200942
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.7 77.5
 111 40.1 32.8 49.2



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: 38.59 ng

RT: 7.26 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

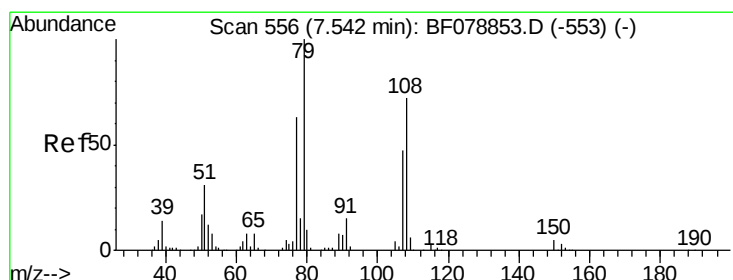
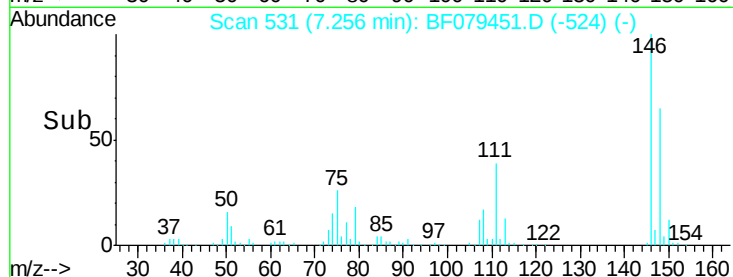
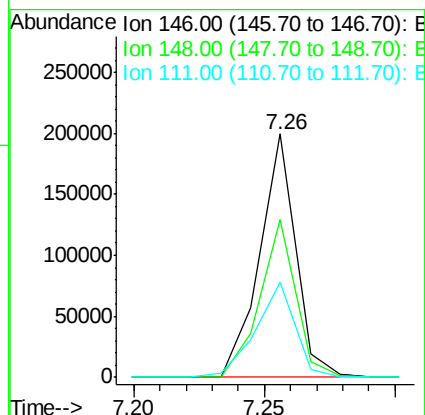
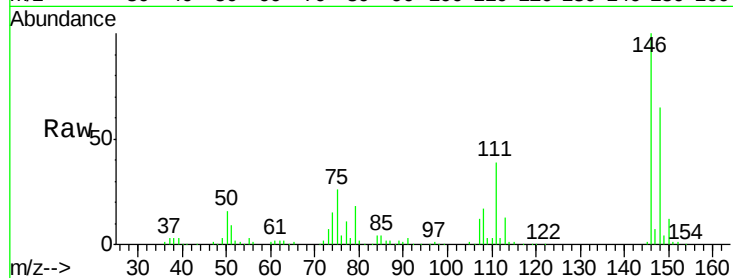
Instrument :

BNA_F

ClientSampled :

PB83563BS

Tgt Ion:	146	Resp:	191197
Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.1	76.7
111	39.0	34.6	52.0



#15

Benzyl Alcohol

Concen: 37.57 ng

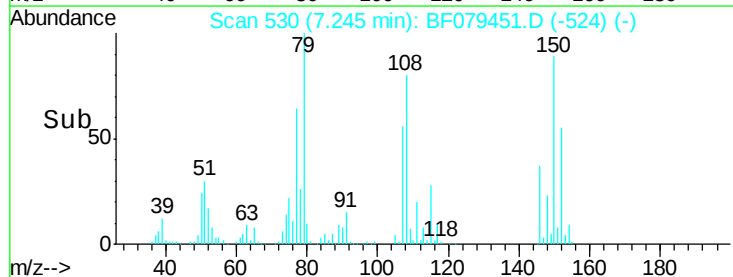
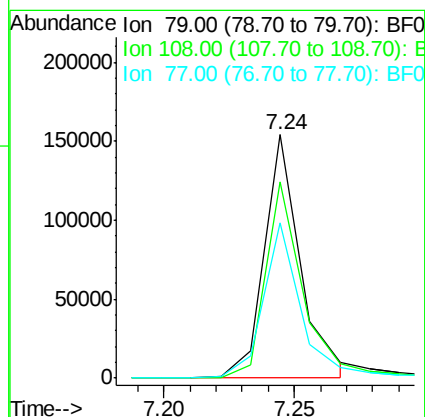
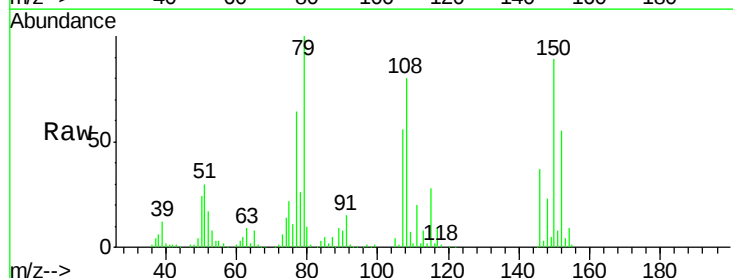
RT: 7.24 min Scan# 530

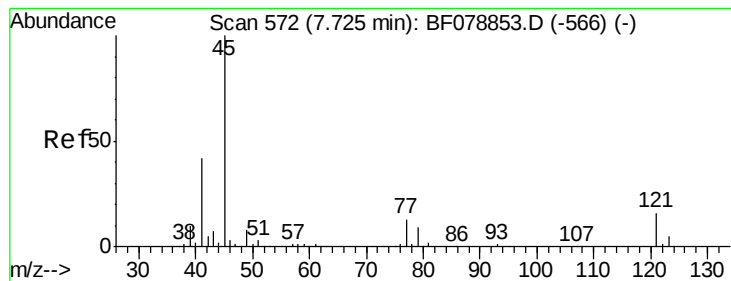
Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

Tgt Ion:	79	Resp:	149560
Ion	Ratio	Lower	Upper
79	100		
108	80.4	57.4	86.2
77	63.8	50.2	75.4





#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.19 ng

RT: 7.42 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB83563BS

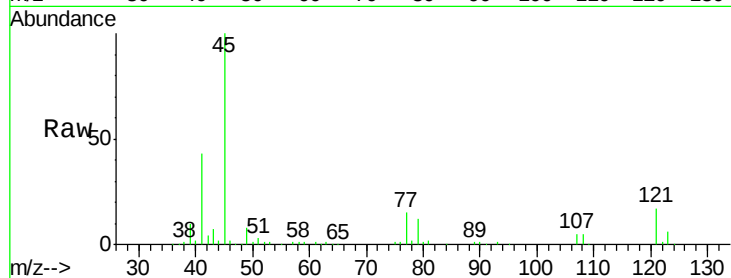
Tgt Ion: 45 Resp: 252513

Ion Ratio Lower Upper

45 100

77 14.7 0.0 32.6

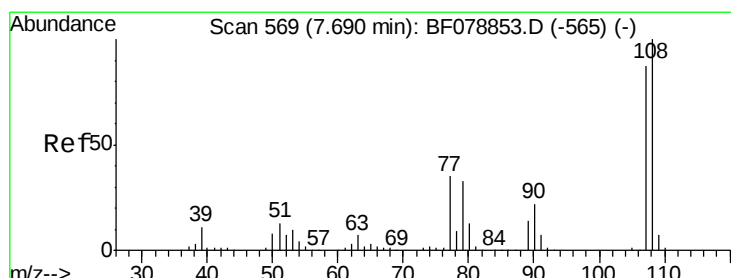
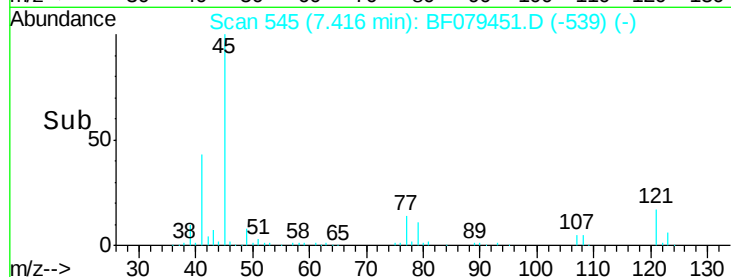
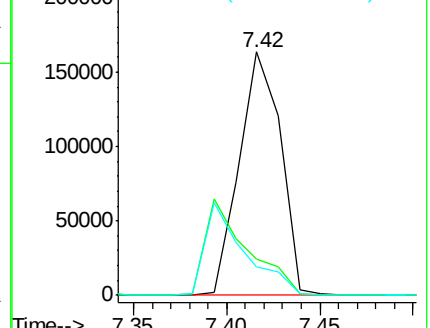
79 11.5 0.0 29.3



Abundance Ion 45.00 (44.70 to 45.70): BF078853.D (-566) (-)

Ion 77.00 (76.70 to 77.70): BF078853.D (-566) (-)

Ion 79.00 (78.70 to 79.70): BF078853.D (-566) (-)



#17

2-Methylphenol

Concen: 41.54 ng

RT: 7.39 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

Tgt Ion: 107 Resp: 153832

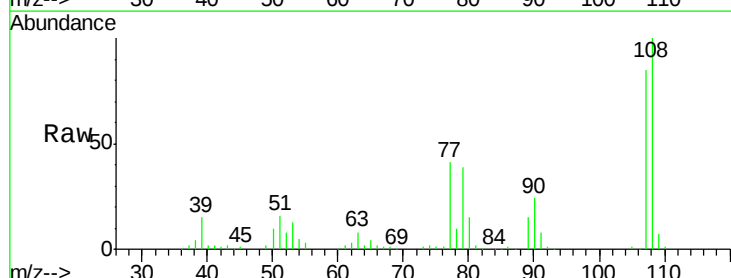
Ion Ratio Lower Upper

107 100

108 117.6 92.4 138.6

77 48.0 32.6 49.0

79 46.0 30.9 46.3

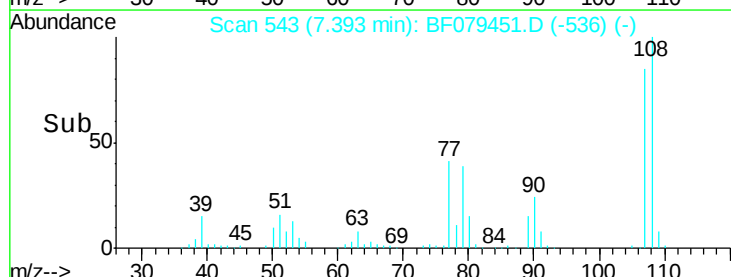
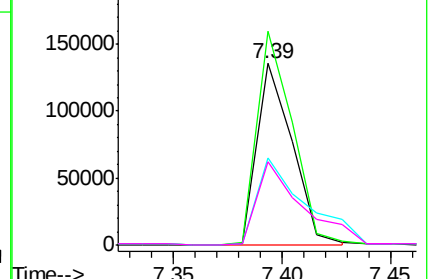


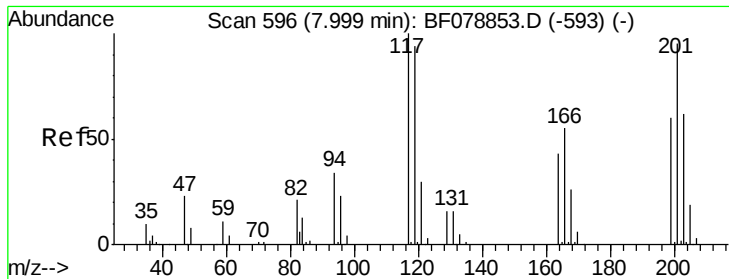
Abundance Ion 107.00 (106.70 to 107.70): BF078853.D (-565) (-)

Ion 108.00 (107.70 to 108.70): BF078853.D (-565) (-)

Ion 77.00 (76.70 to 77.70): BF078853.D (-565) (-)

Ion 79.00 (78.70 to 79.70): BF078853.D (-565) (-)

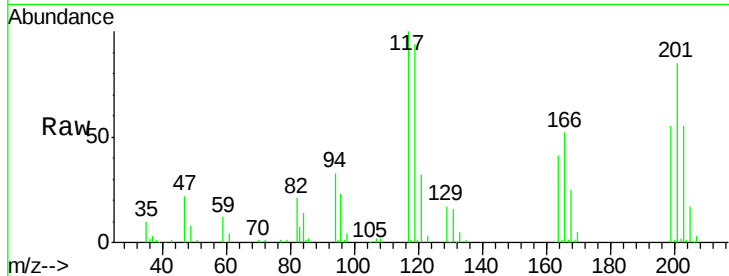




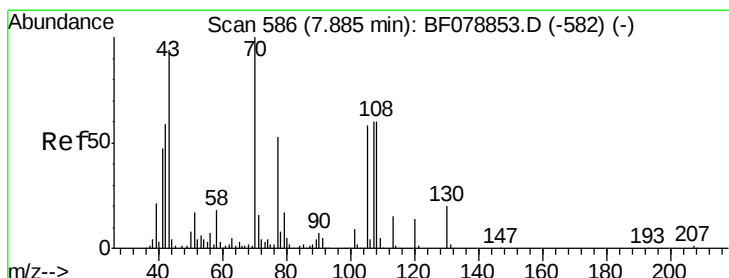
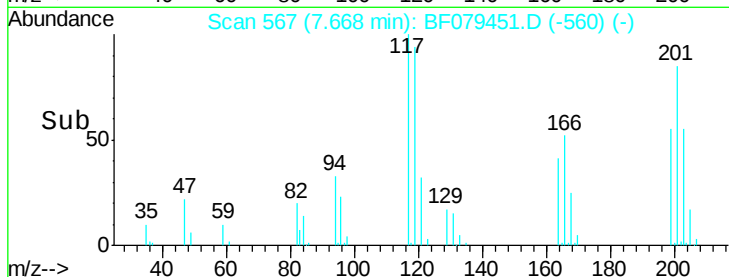
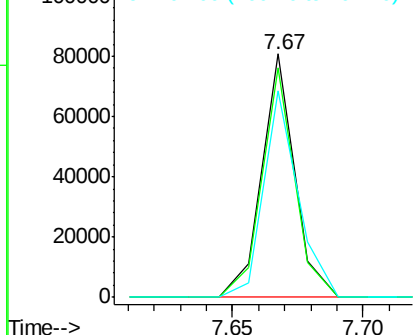
#18
Hexachloroethane
Concen: 38.95 ng
RT: 7.67 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF079451.D
Acq: 22 May 2015 23:49

Instrument :
BNA_F
ClientSampleId :
PB83563BS

Tgt Ion: 117 Resp: 71405
Ion Ratio Lower Upper
117 100
119 94.4 75.2 112.8
201 84.8 75.8 113.8



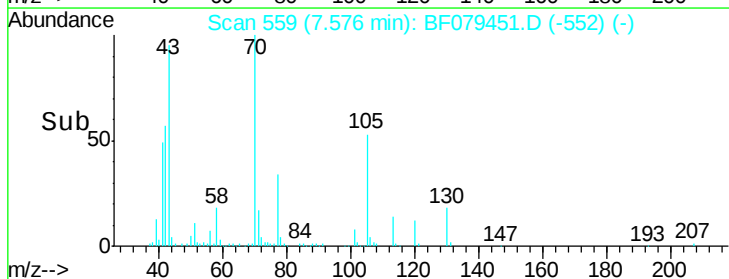
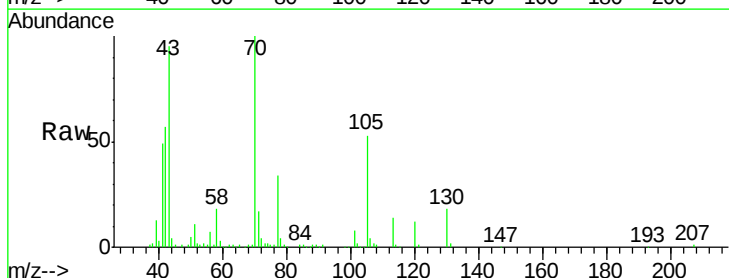
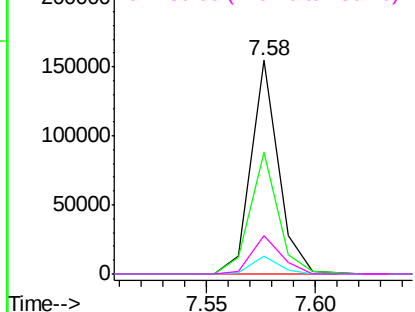
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

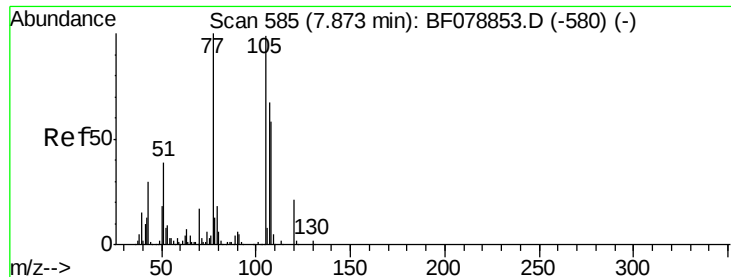


#19
n-Nitroso-di-n-propylamine
Concen: 37.54 ng
RT: 7.58 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF079451.D
Acq: 22 May 2015 23:49

Tgt Ion: 70 Resp: 135982
Ion Ratio Lower Upper
70 100
42 57.1 47.3 70.9
101 8.4 7.5 11.3
130 18.0 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: 42.08 ng

RT: 7.59 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB83563BS

Tgt Ion:107 Resp: 207600

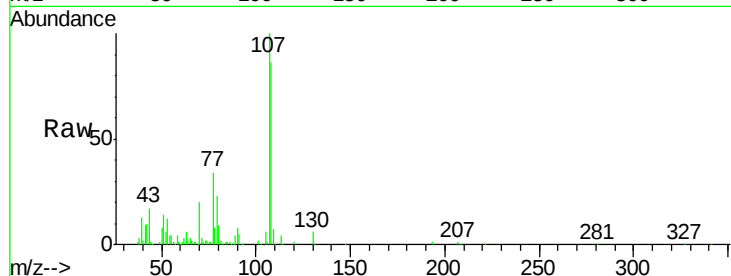
Ion Ratio Lower Upper

107 100

108 86.5 66.5 106.5

77 34.3 130.6 170.6#

79 23.4 6.4 46.4

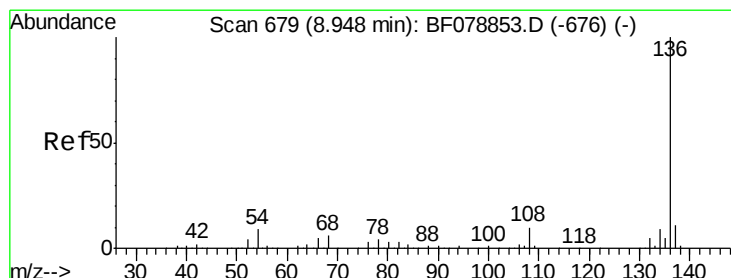
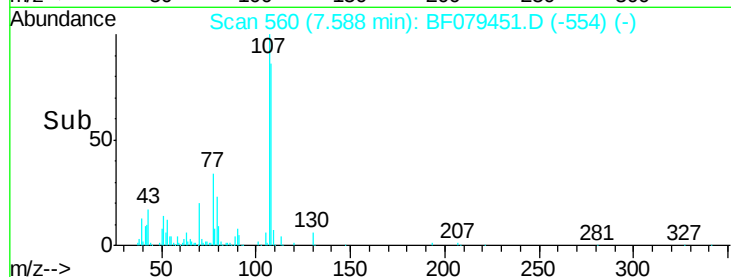
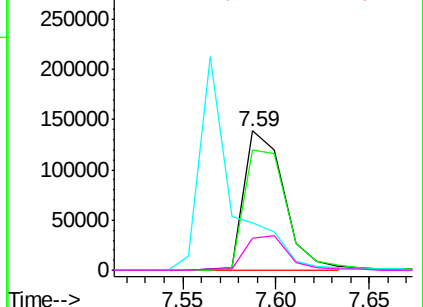


Abundance Ion 107.00 (106.70 to 107.70): E

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: BF079451.D

Acq: 22 May 2015 23:49

Tgt Ion:136 Resp: 281681

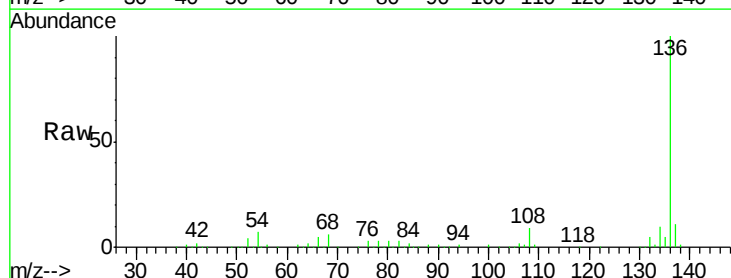
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.4 6.9 10.3

68 5.8 4.9 7.3

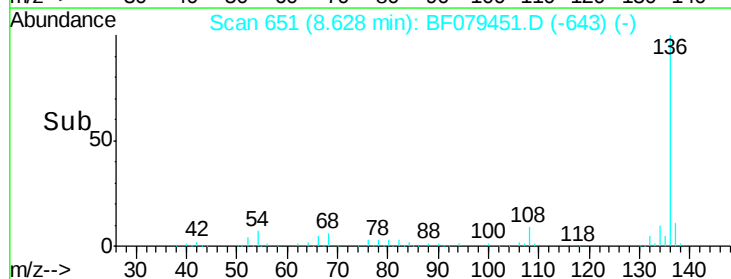
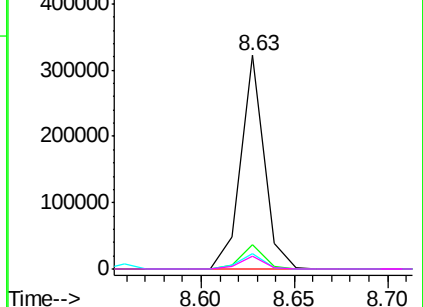


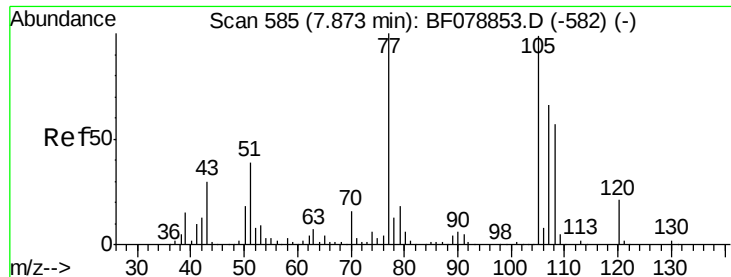
Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.14 ng

RT: 7.56 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB83563BS

Tgt Ion: 105 Resp: 261825

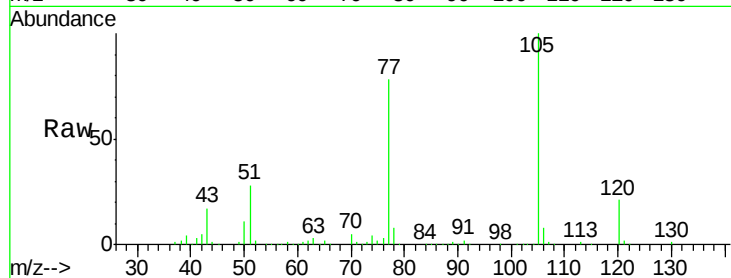
Ion Ratio Lower Upper

105 100

71 0.9 2.2 3.4#

51 27.9 31.1 46.7#

120 21.1 16.7 25.1

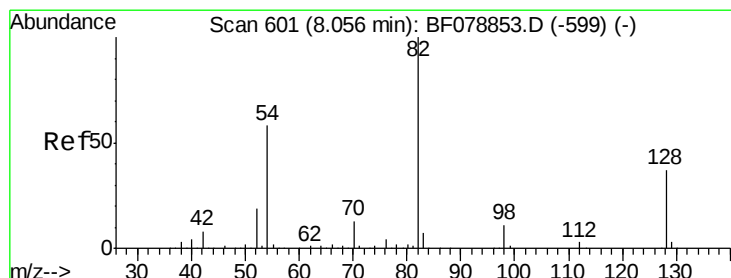
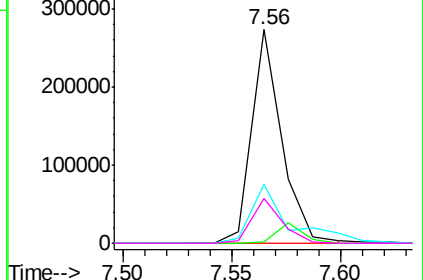
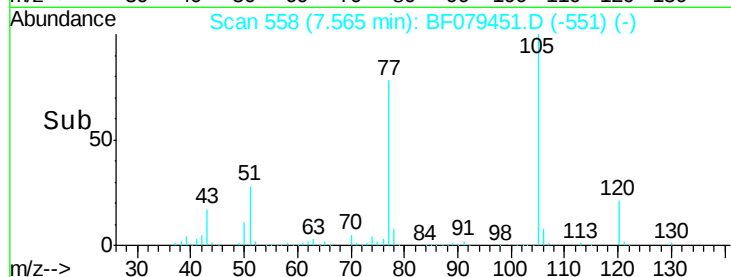


Abundance Ion 105.00 (104.70 to 105.70): E

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: 75.13 ng

RT: 7.75 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

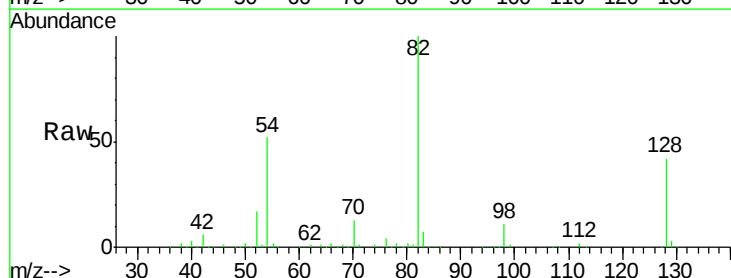
Tgt Ion: 82 Resp: 368238

Ion Ratio Lower Upper

82 100

128 42.5 29.7 44.5

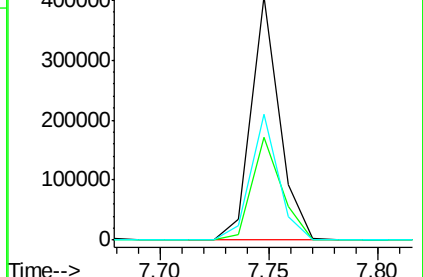
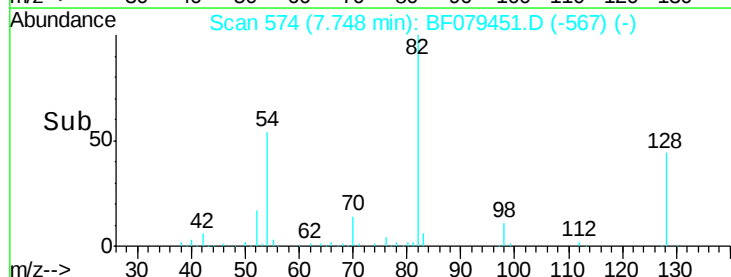
54 51.9 46.2 69.4

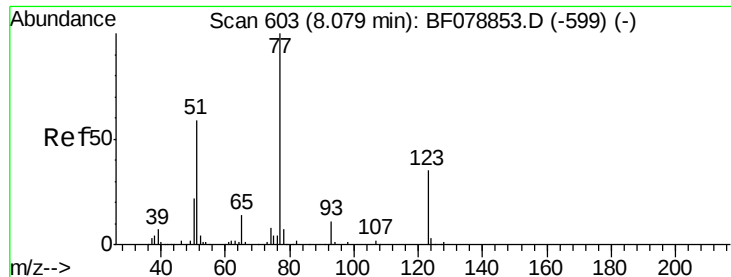


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

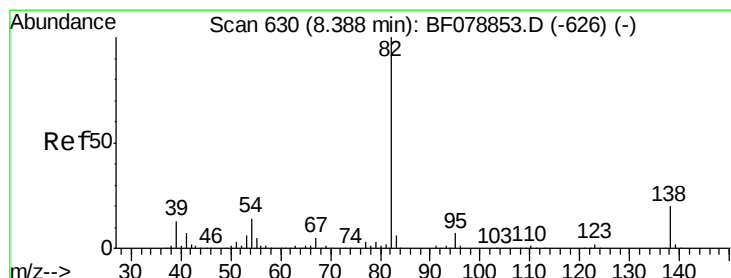
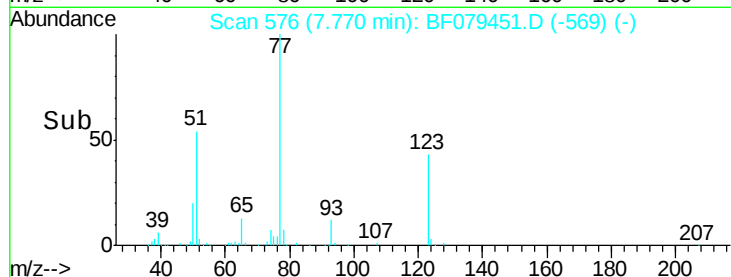
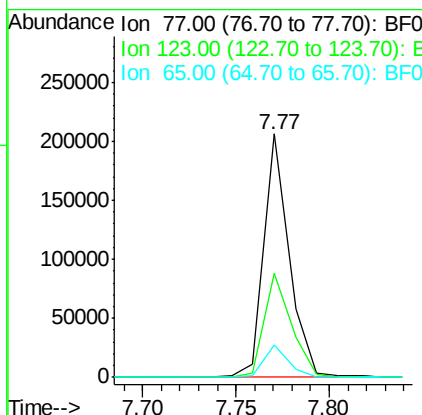
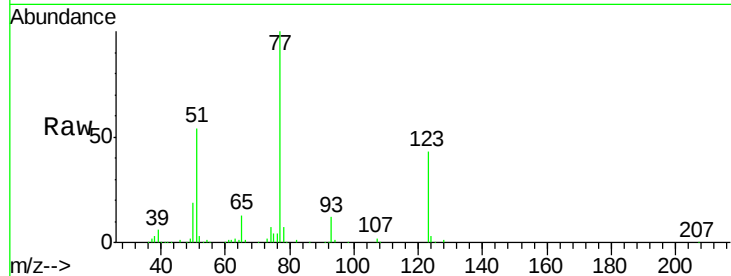




#24
 Nitrobenzene
 Concen: 39.59 ng
 RT: 7.77 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

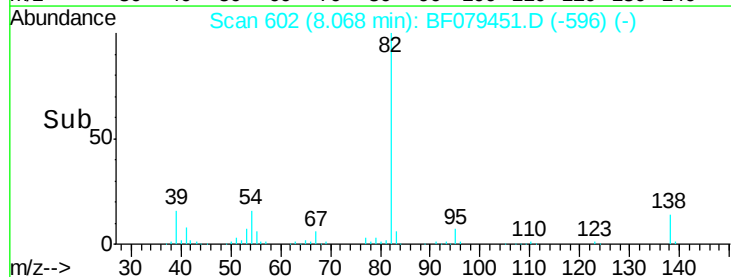
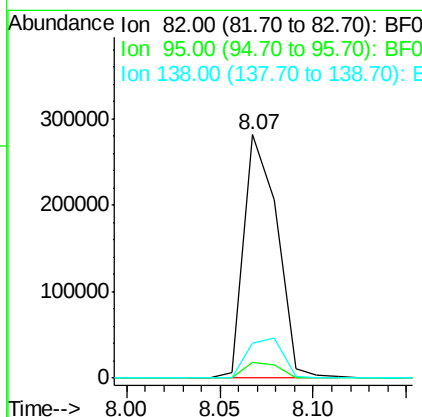
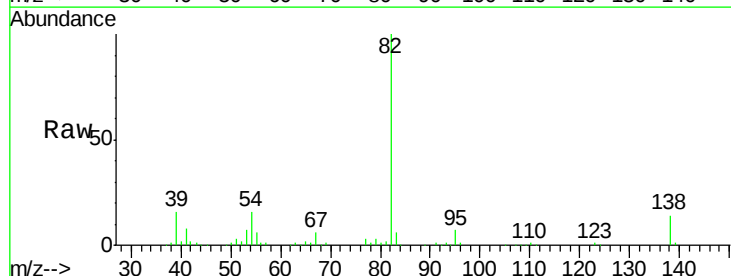
Instrument :
 BNA_F
 ClientSampled :
 PB83563BS

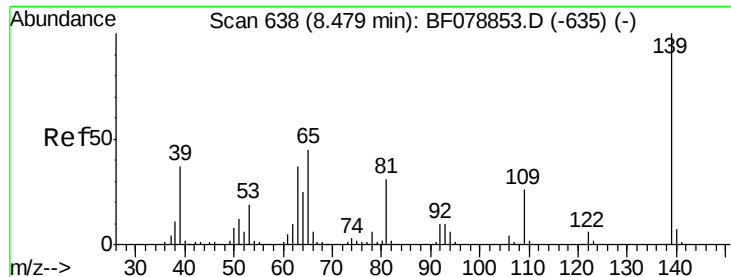
Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.9	28.3	42.5#
65	13.4	11.0	16.4



#25
 Isophorone
 Concen: 38.49 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.2
138	14.3	16.1	24.1#

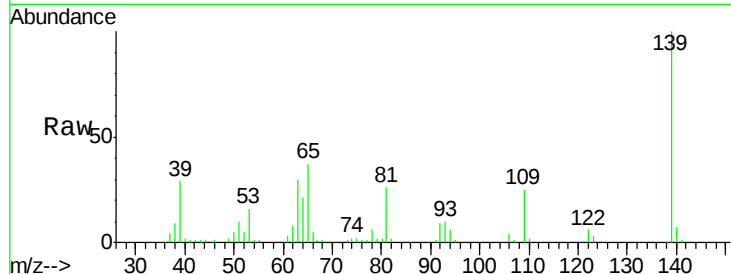




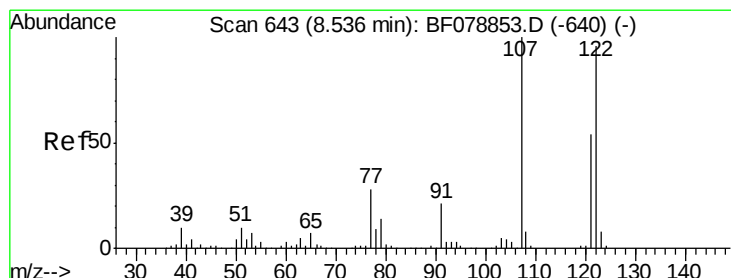
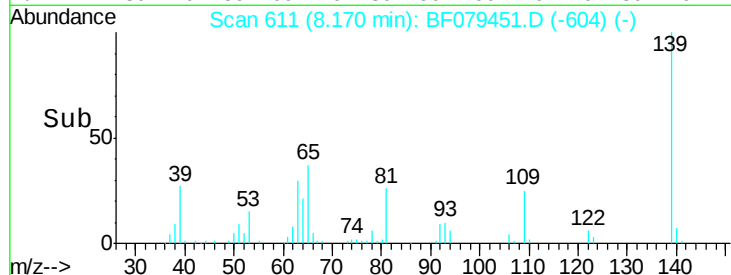
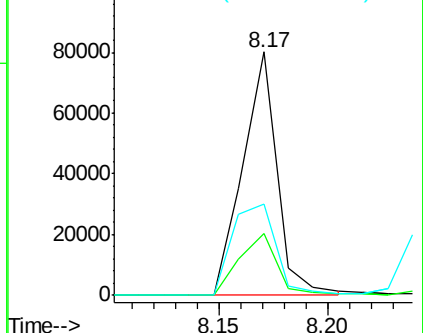
#26
 2-Nitrophenol
 Concen: 43.65 ng
 RT: 8.17 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Instrument :
 BNA_F
 ClientSampleId :
 PB83563BS

Tgt Ion:139 Resp: 87761
 Ion Ratio Lower Upper
 139 100
 109 25.4 20.9 31.3
 65 37.3 35.8 53.8

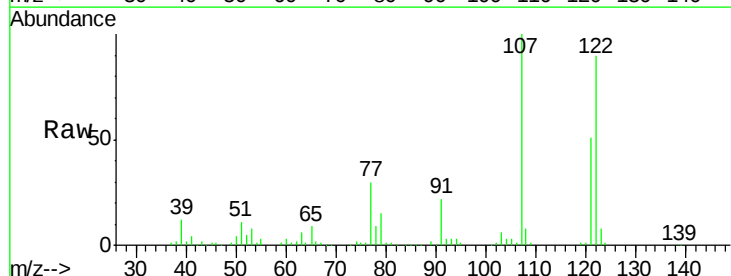


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

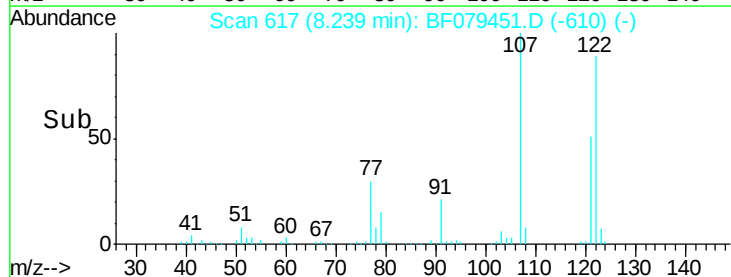
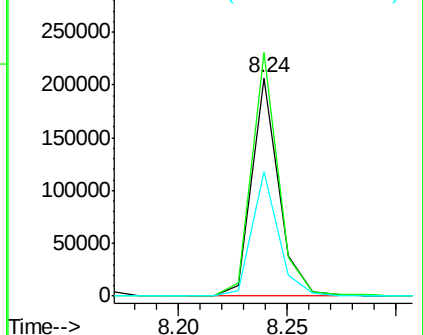


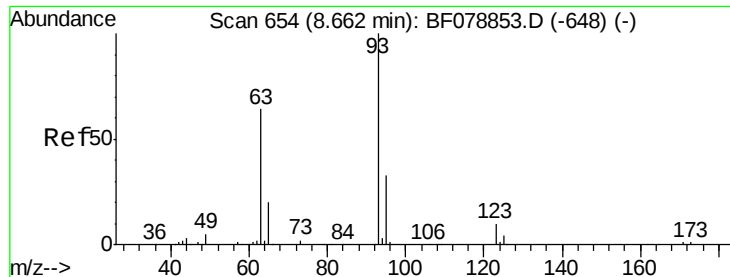
#27
 2,4-Dimethylphenol
 Concen: 44.30 ng
 RT: 8.24 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Tgt Ion:122 Resp: 178261
 Ion Ratio Lower Upper
 122 100
 107 111.5 83.6 125.4
 121 57.4 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

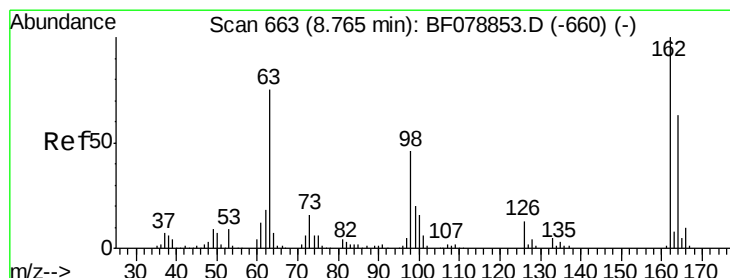
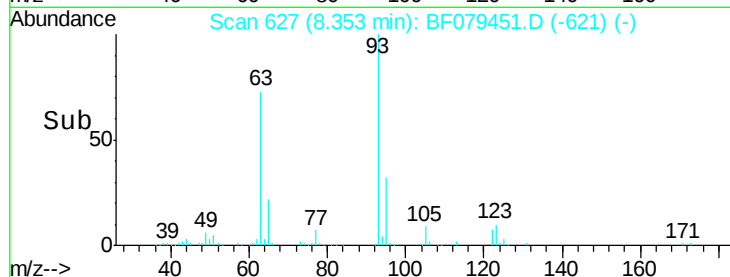
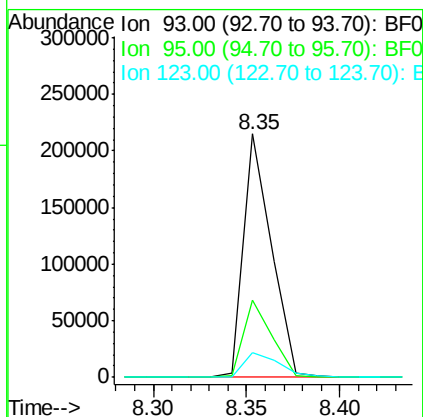
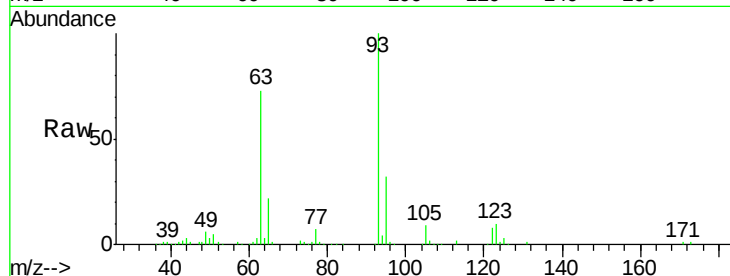




#28
 bis(2-Chloroethoxy)methane
 Concen: 39.99 ng
 RT: 8.35 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

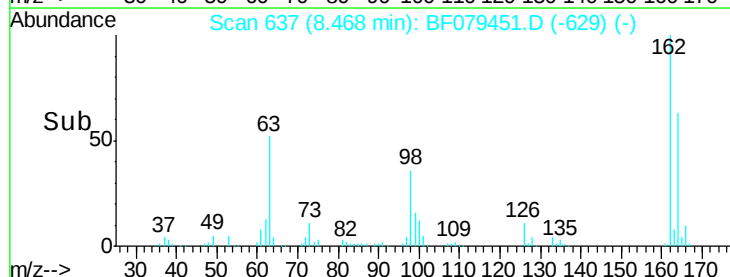
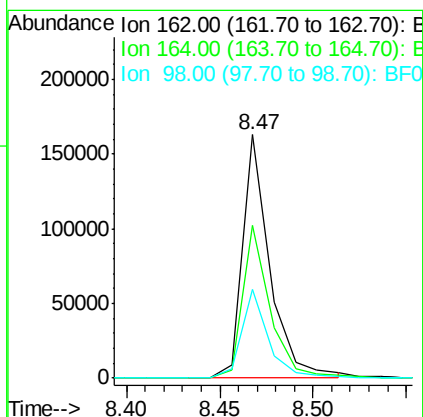
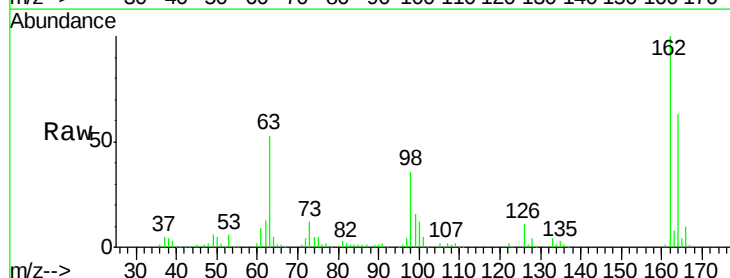
Instrument :
 BNA_F
 ClientSampleId :
 PB83563BS

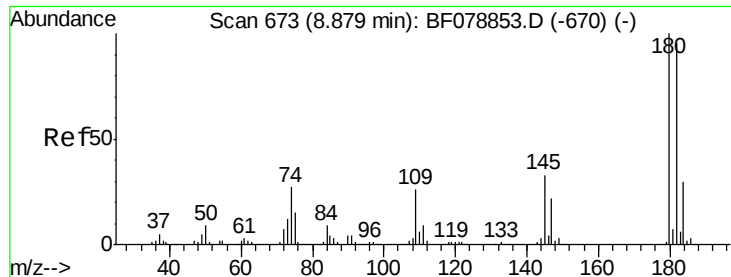
Tgt Ion:	93	Resp:	224025
Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.2	39.2
123	10.0	8.6	12.8



#29
 2,4-Dichlorophenol
 Concen: 46.48 ng
 RT: 8.47 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Tgt Ion:	162	Resp:	166313
Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.7	82.7
98	36.3	26.3	66.3

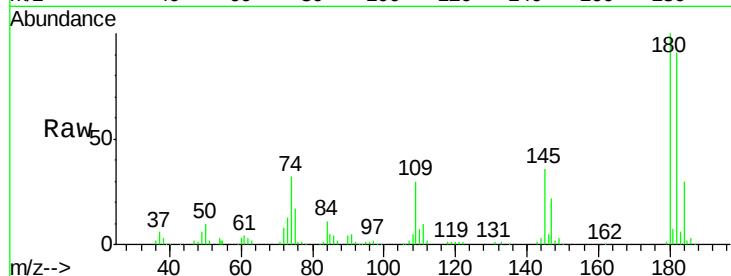




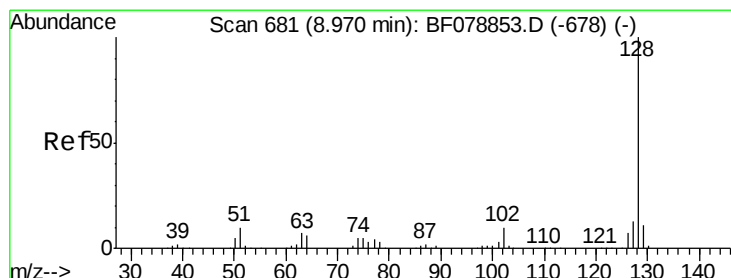
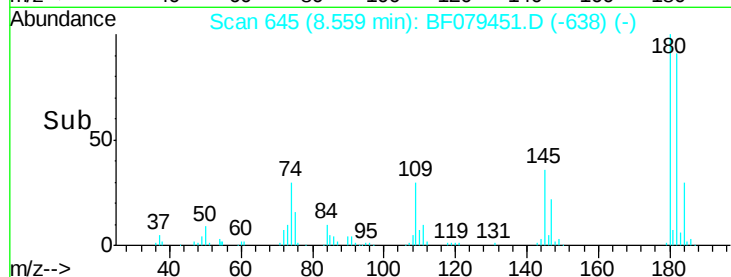
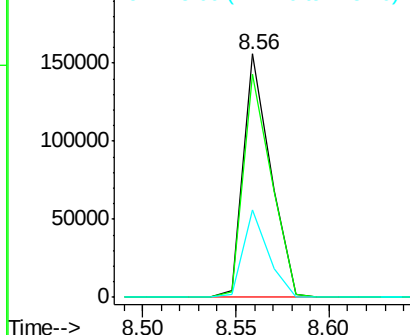
#30
 1,2,4-Trichlorobenzene
 Concen: 40.35 ng
 RT: 8.56 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Instrument :
 BNA_F
 ClientSampleId :
 PB83563BS

Tgt Ion:180 Resp: 158572
 Ion Ratio Lower Upper
 180 100
 182 91.4 75.7 113.5
 145 36.0 26.2 39.4

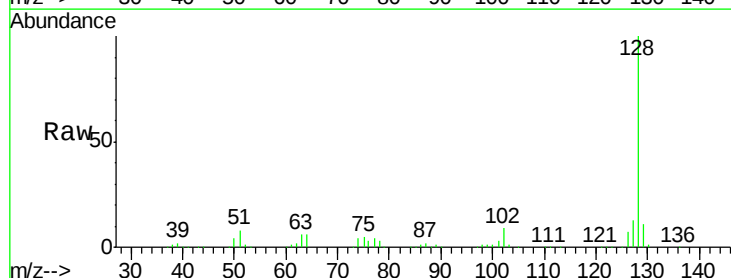


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

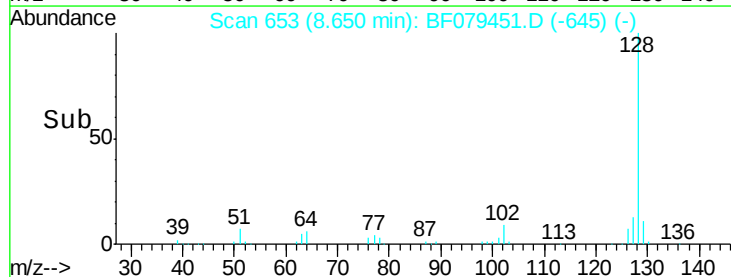
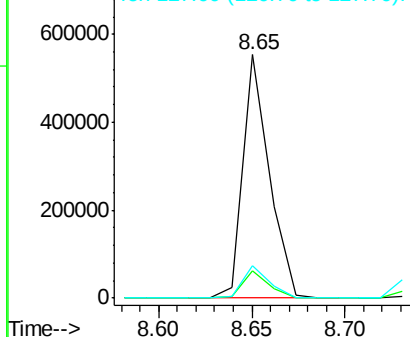


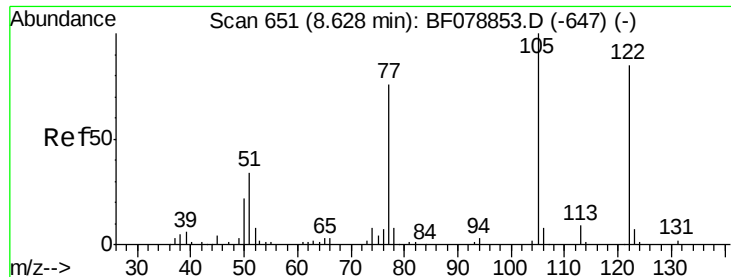
#31
 Naphthalene
 Concen: 40.57 ng
 RT: 8.65 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Tgt Ion:128 Resp: 544489
 Ion Ratio Lower Upper
 128 100
 129 11.3 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: 34.24 ng

RT: 8.38 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB83563BS

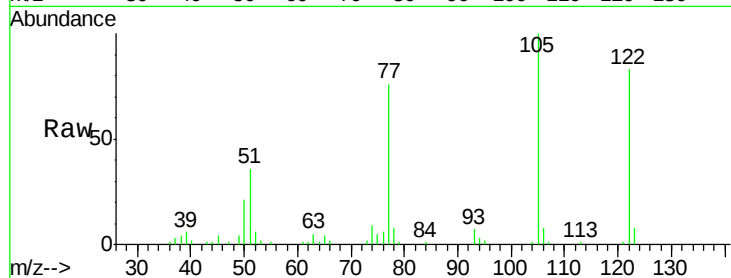
Tgt Ion:122 Resp: 81035

Ion Ratio Lower Upper

122 100

105 120.3 100.7 140.7

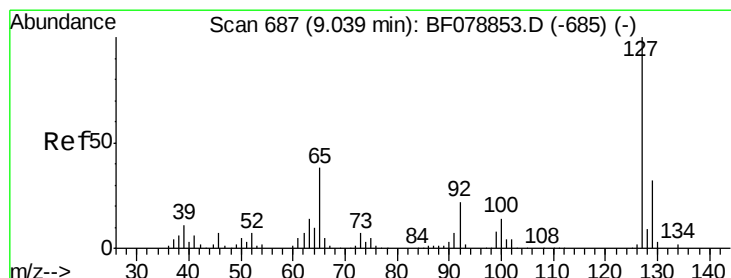
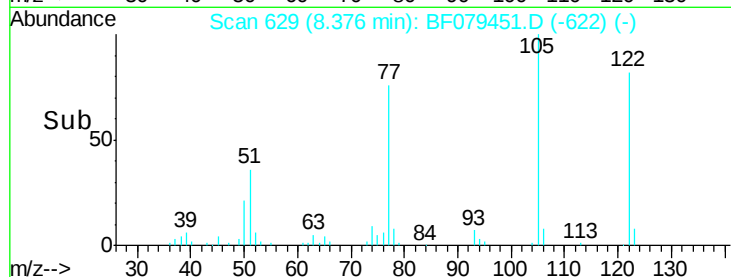
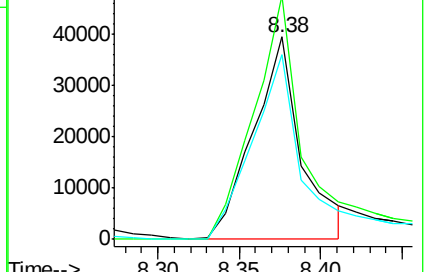
77 91.5 72.0 112.0



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: 23.62 ng

RT: 8.74 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

Tgt Ion:127 Resp: 134126

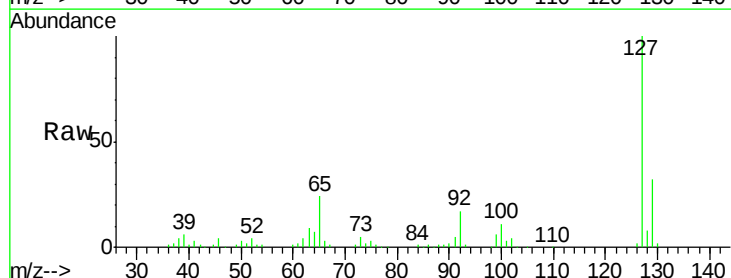
Ion Ratio Lower Upper

127 100

129 32.0 25.6 38.4

65 24.0 30.2 45.4#

92 17.2 17.5 26.3#

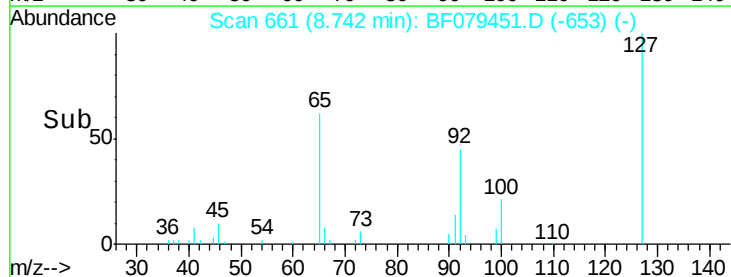
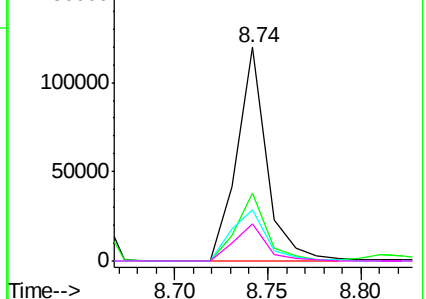


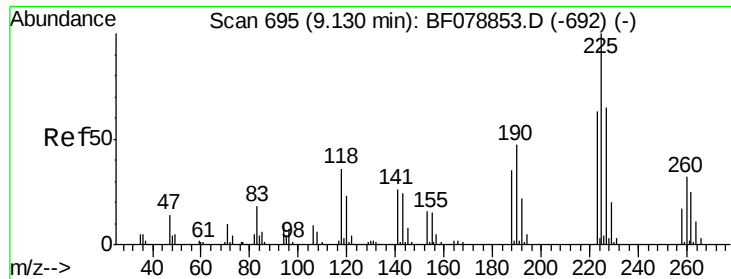
Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.73 ng

RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB83563BS

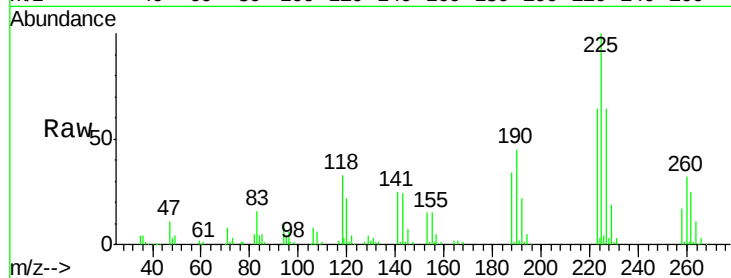
Tgt Ion:225 Resp: 87657

Ion Ratio Lower Upper

225 100

223 63.9 50.6 75.8

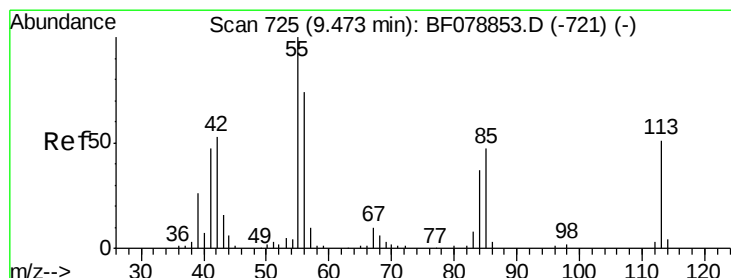
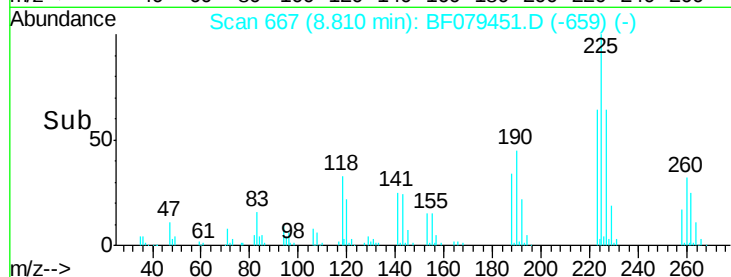
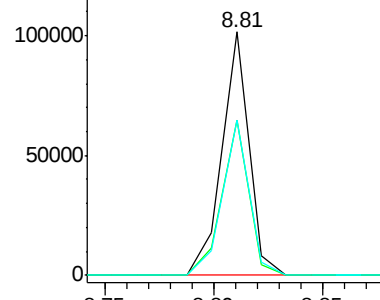
227 63.8 52.1 78.1



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: 42.47 ng

RT: 9.18 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

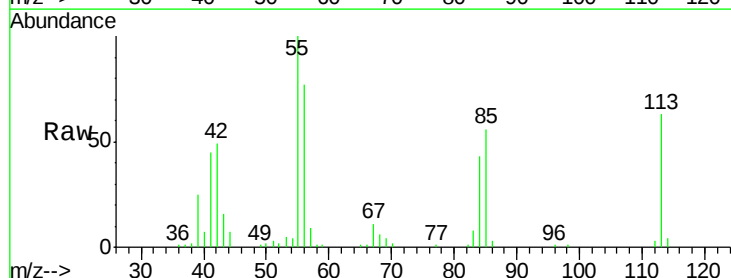
Tgt Ion:113 Resp: 49141

Ion Ratio Lower Upper

113 100

55 159.3 176.0 216.0#

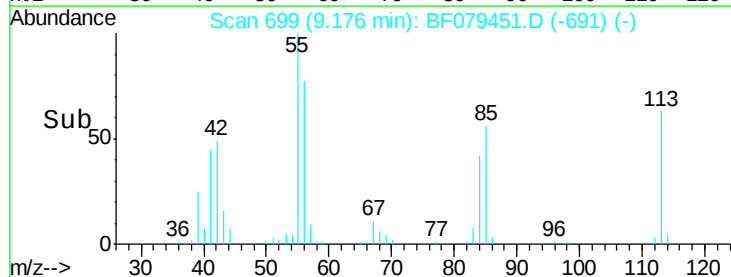
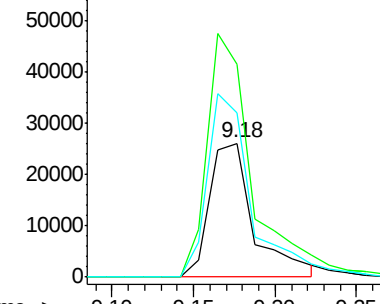
56 122.4 123.8 163.8#

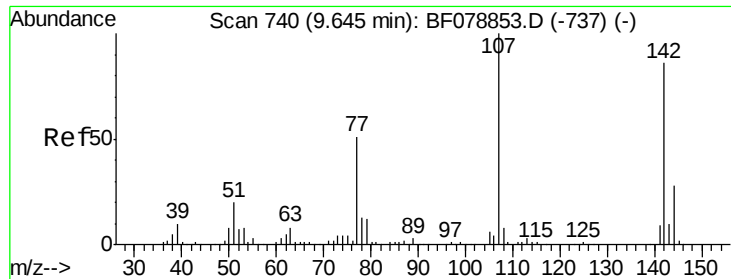


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

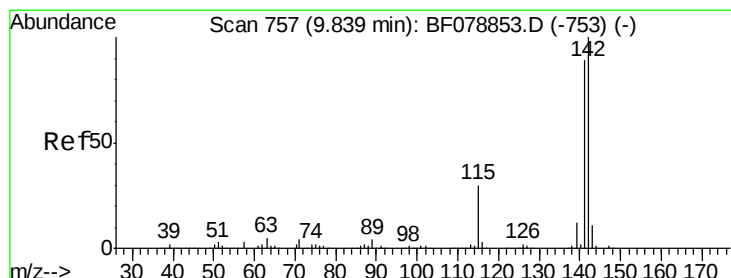
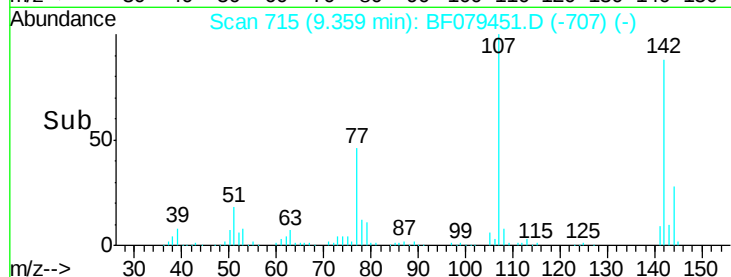
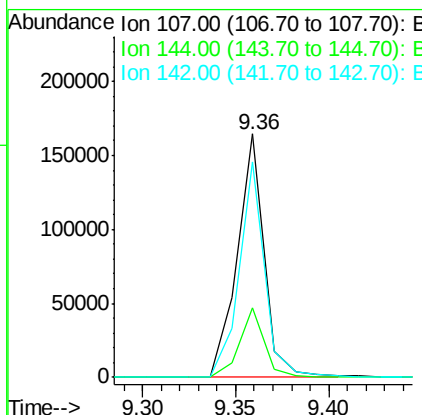
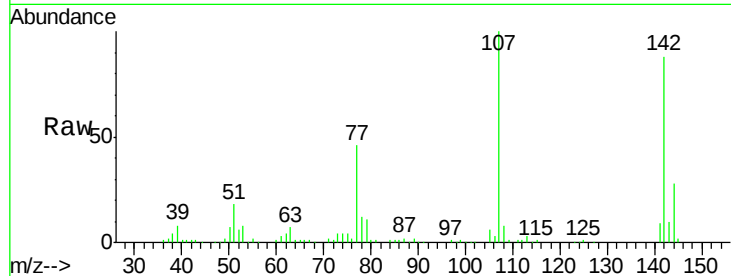




#36
 4-Chloro-3-methylphenol
 Concen: 44.42 ng
 RT: 9.36 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

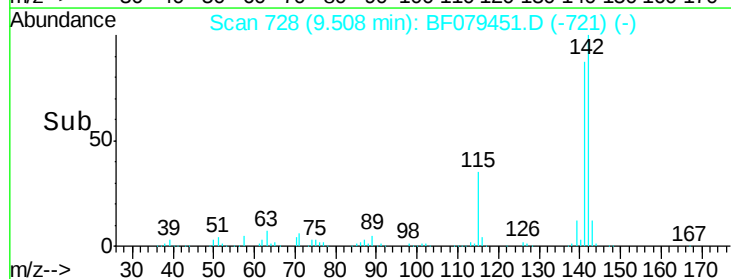
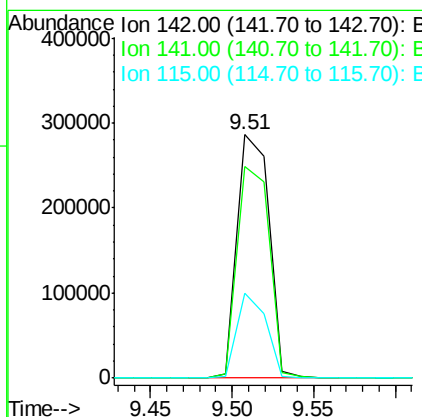
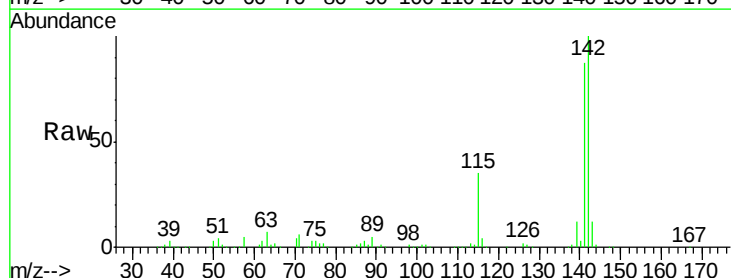
Instrument :
 BNA_F
 ClientSampleId :
 PB83563BS

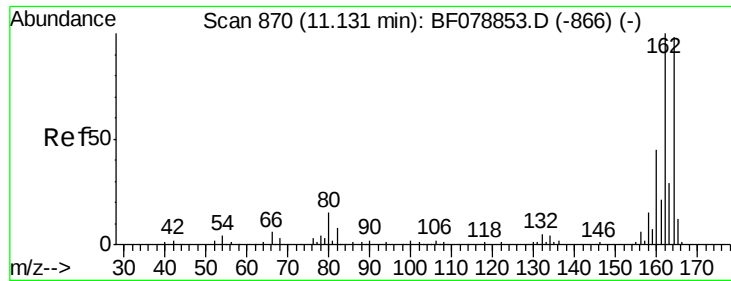
Tgt Ion:107 Resp: 166918
 Ion Ratio Lower Upper
 107 100
 144 28.5 22.5 33.7
 142 88.4 68.6 103.0



#37
 2-Methylnaphthalene
 Concen: 41.53 ng
 RT: 9.51 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Tgt Ion:142 Resp: 386251
 Ion Ratio Lower Upper
 142 100
 141 86.9 71.6 107.4
 115 35.1 24.2 36.4

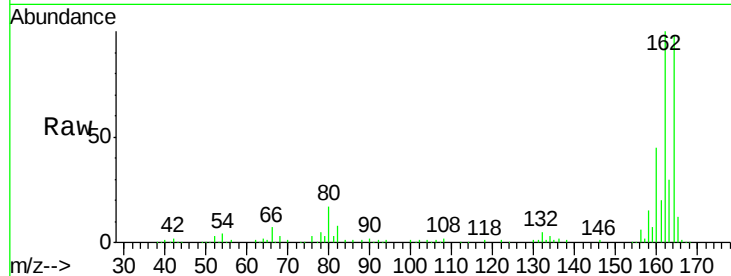




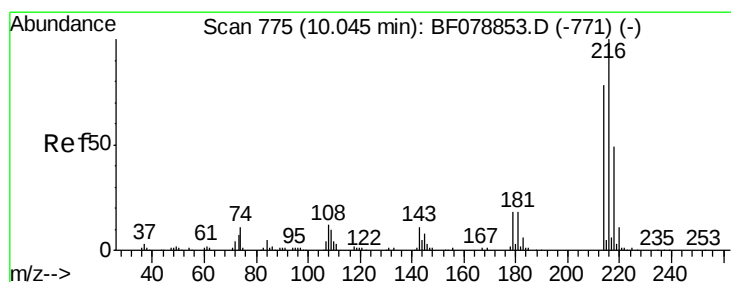
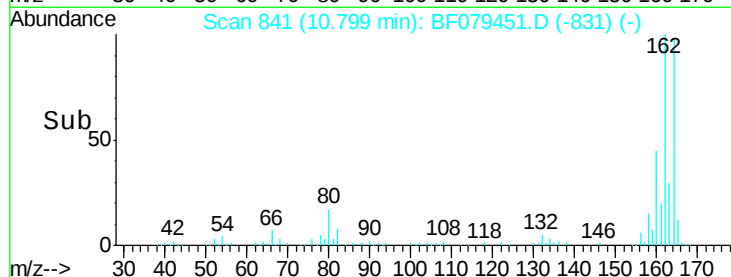
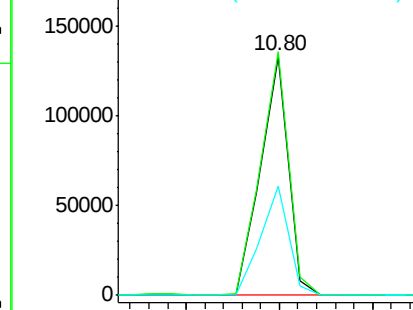
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.80 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Instrument :
 BNA_F
 ClientSampleId :
 PB83563BS

Tgt Ion:164 Resp: 136975
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.4 122.0
 160 45.6 36.6 54.8

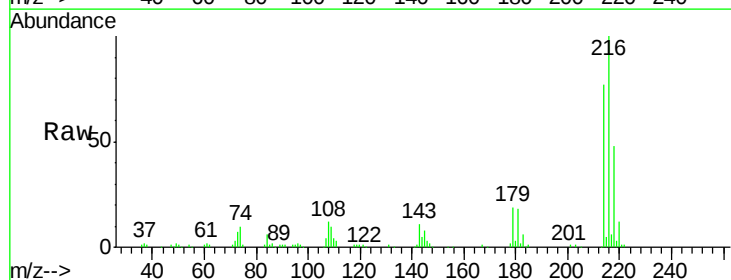


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

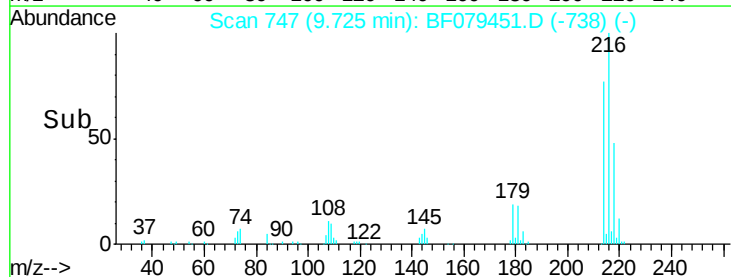
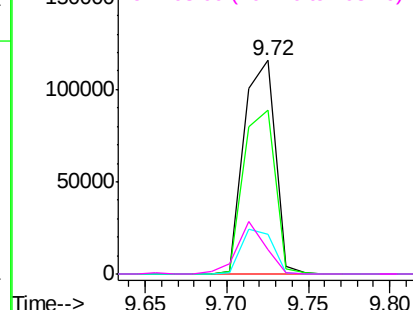


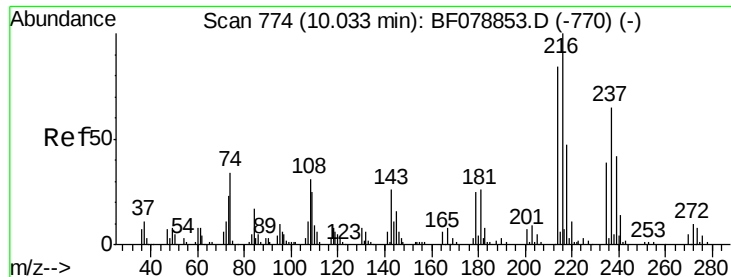
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.50 ng
 RT: 9.72 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Tgt Ion:216 Resp: 152360
 Ion Ratio Lower Upper
 216 100
 214 78.0 64.0 96.0
 179 21.2 17.0 25.4
 108 22.4 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: 51.13 ng

RT: 9.70 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB83563BS

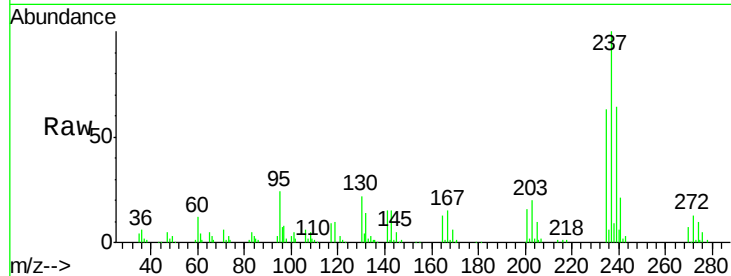
Tgt Ion:237 Resp: 99180

Ion Ratio Lower Upper

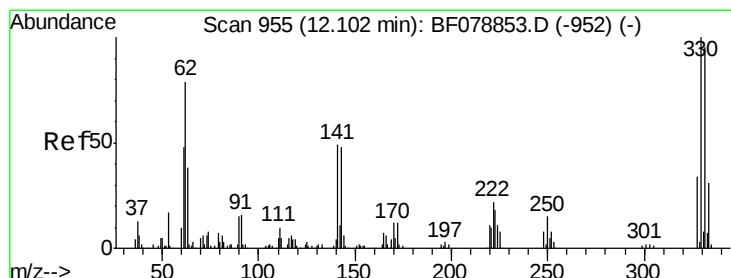
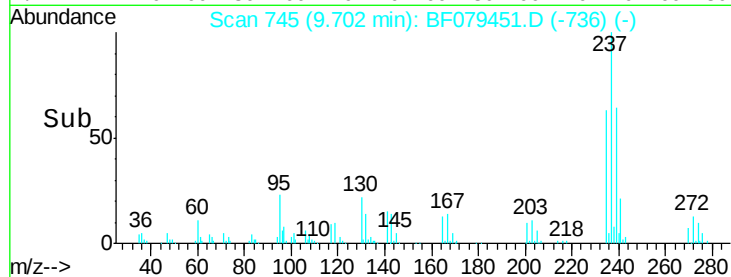
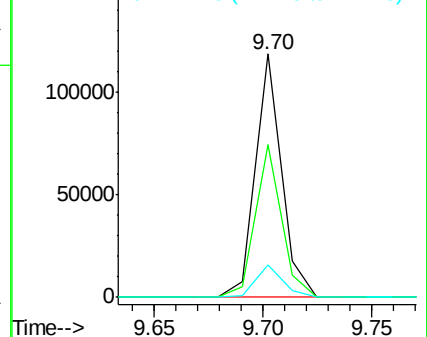
237 100

235 62.6 40.0 80.0

272 13.1 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: 133.71 ng

RT: 11.78 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

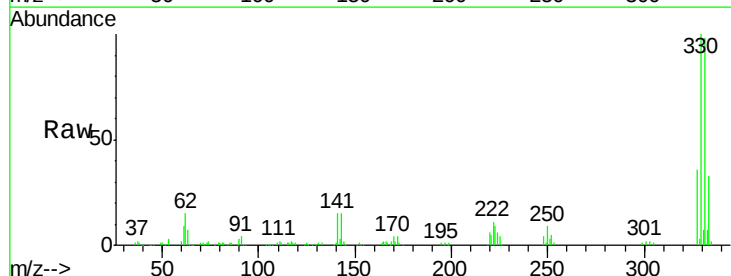
Tgt Ion:330 Resp: 198134

Ion Ratio Lower Upper

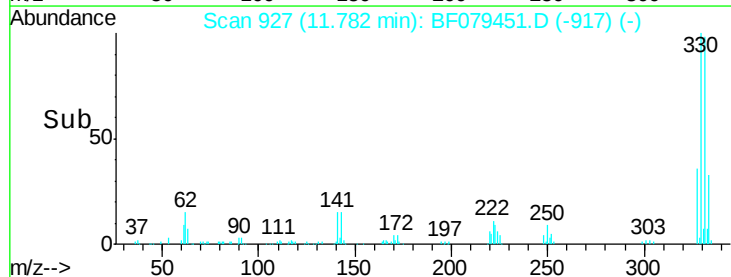
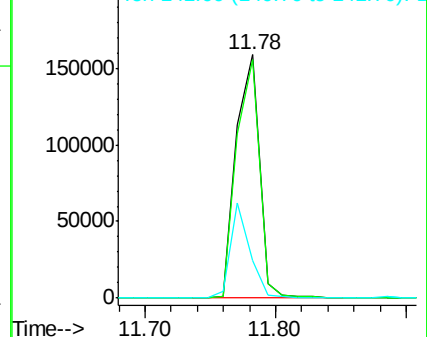
330 100

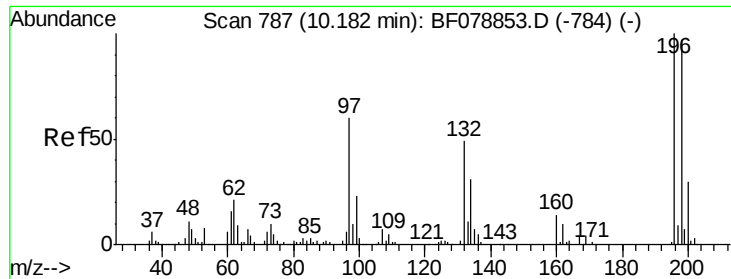
332 96.4 76.9 115.3

141 32.6 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

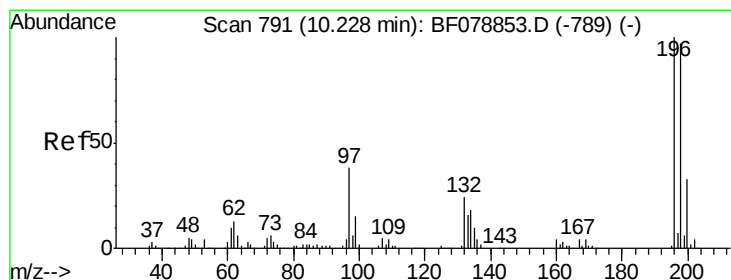
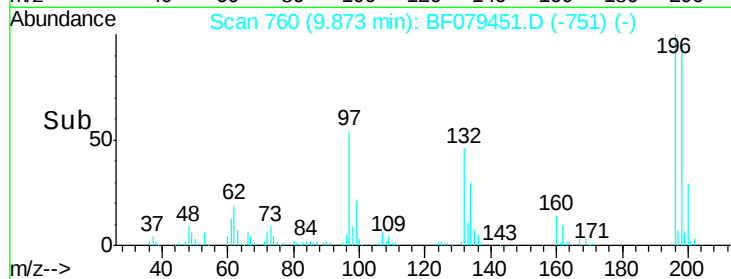
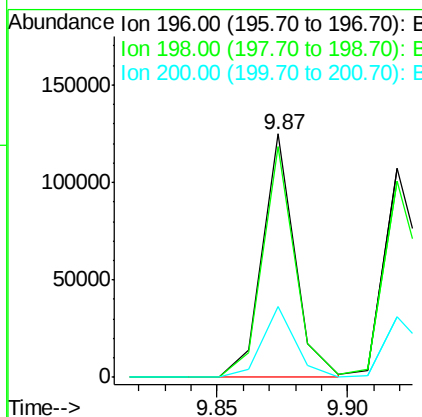
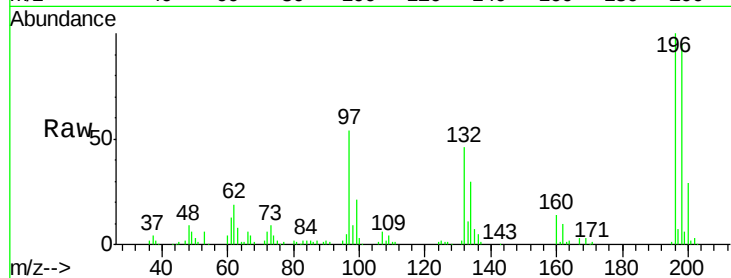




#42
 2,4,6-Trichlorophenol
 Concen: 40.72 ng
 RT: 9.87 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

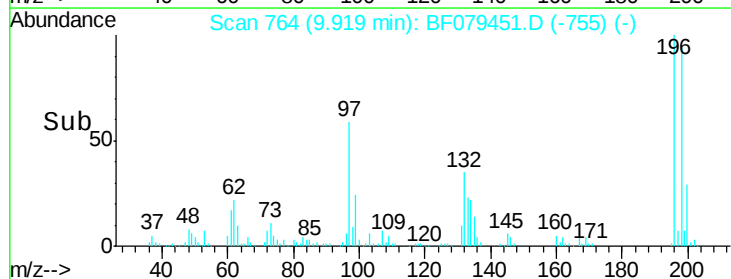
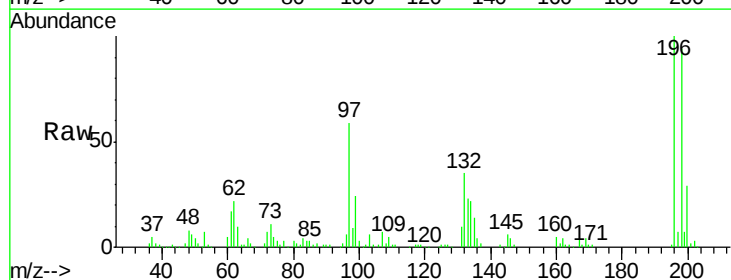
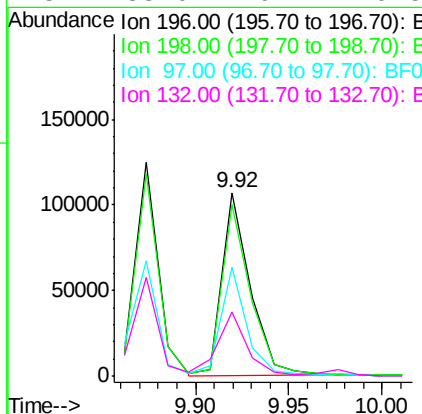
Instrument :
 BNA_F
 ClientSampleId :
 PB83563BS

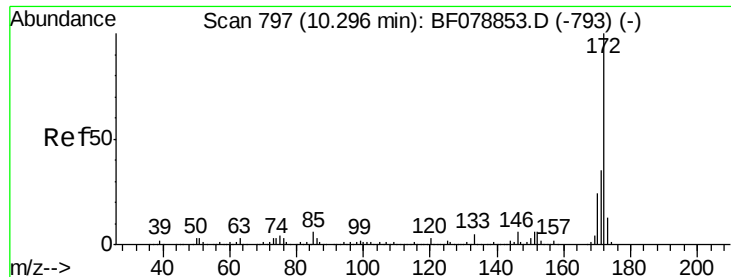
Tgt Ion:196 Resp: 107998
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.4 116.2
 200 29.3 23.7 35.5



#43
 2,4,5-Trichlorophenol
 Concen: 42.22 ng
 RT: 9.92 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Tgt Ion:196 Resp: 113200
 Ion Ratio Lower Upper
 196 100
 198 93.5 77.3 115.9
 97 59.0 31.3 46.9#
 132 35.0 19.7 29.5#

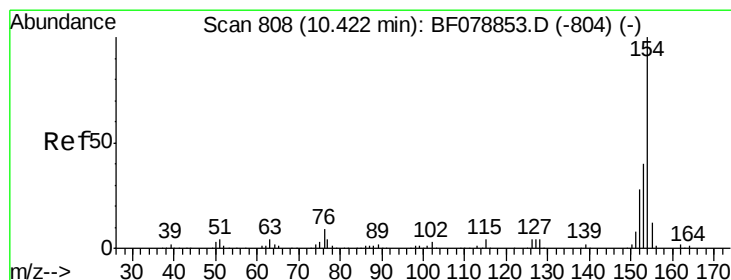
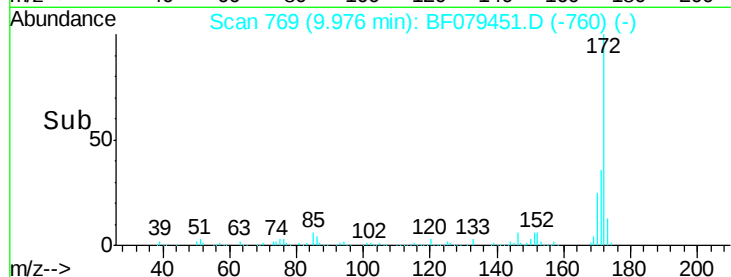
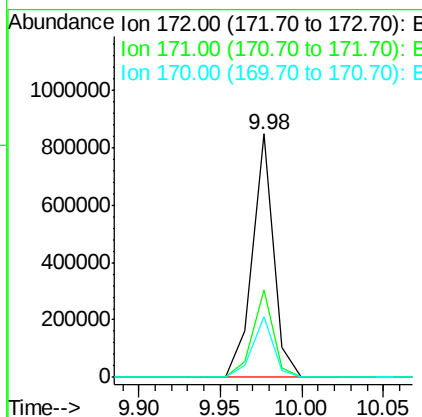
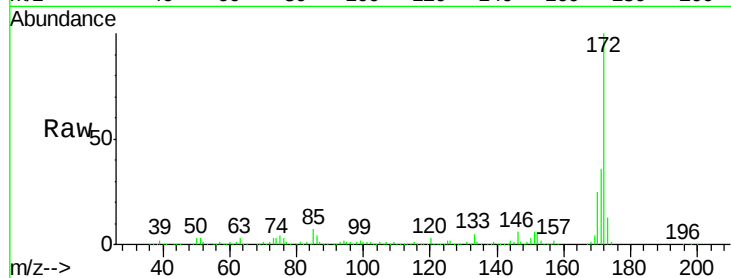




#44
 2-Fluorobiphenyl
 Concen: 77.68 ng
 RT: 9.98 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

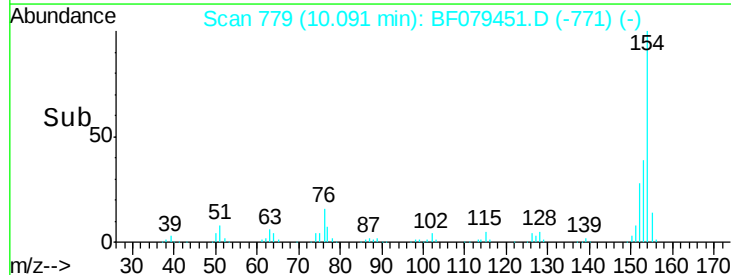
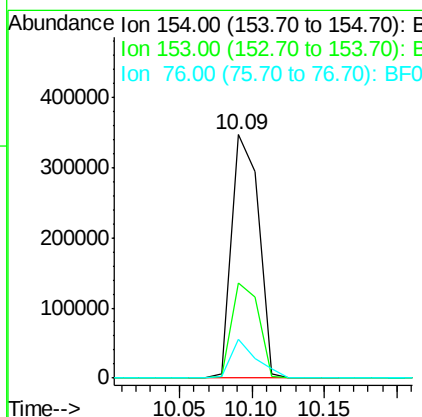
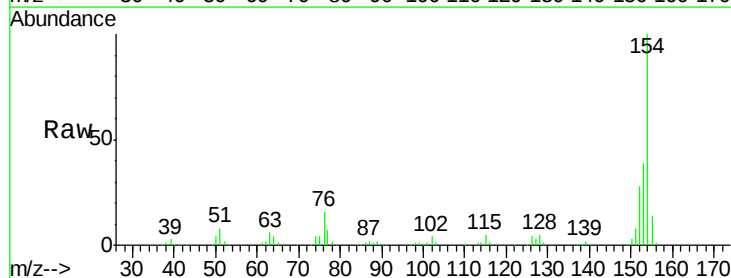
Instrument :
 BNA_F
 ClientSampled :
 PB83563BS

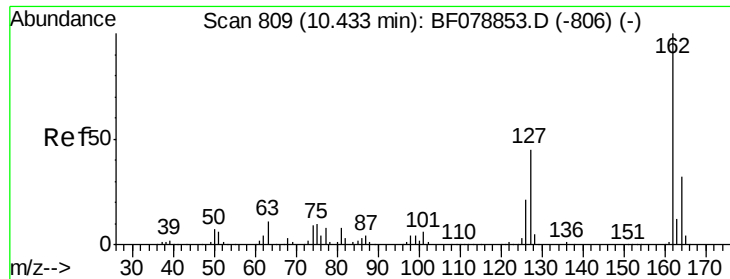
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.3	42.5
170	24.7	19.4	29.2



#45
 1,1'-Biphenyl
 Concen: 41.26 ng
 RT: 10.09 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.1	19.7	59.7
76	15.9	0.0	29.1

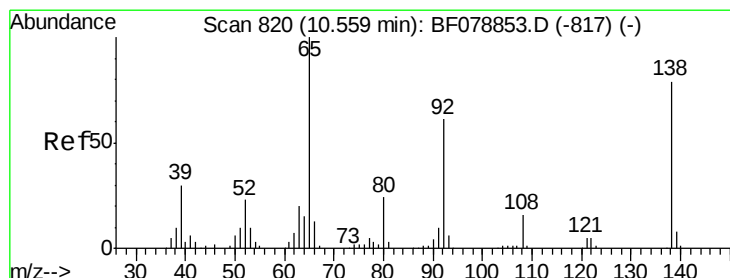
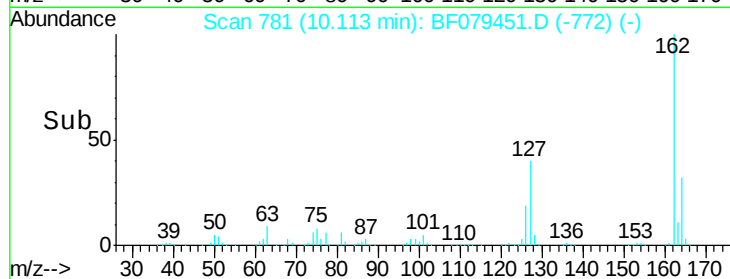
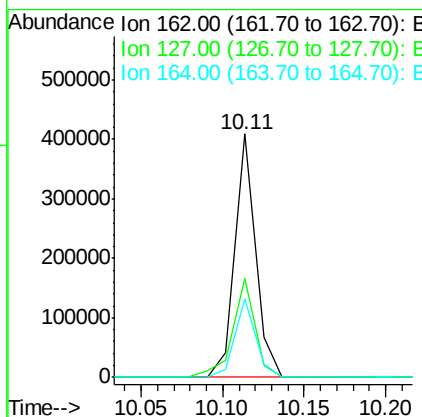
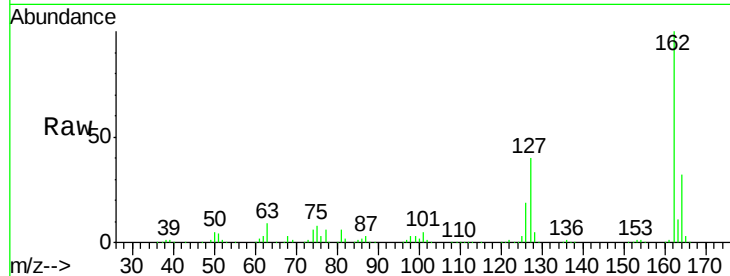




#46
 2-Chloronaphthalene
 Concen: 42.18 ng
 RT: 10.11 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

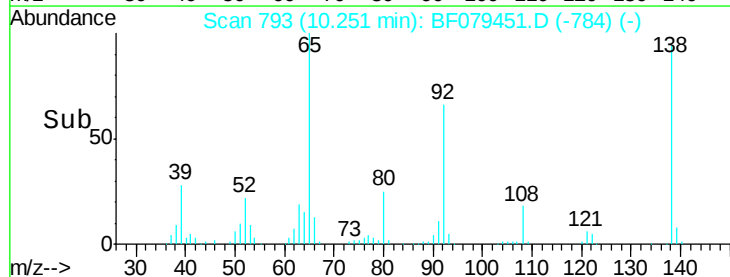
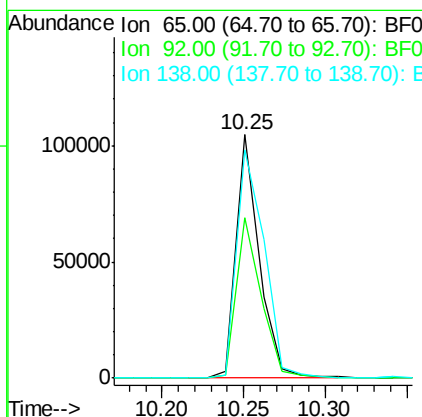
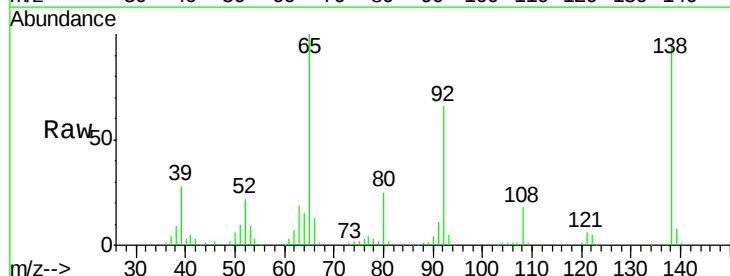
Instrument :
 BNA_F
 ClientSampleId :
 PB83563BS

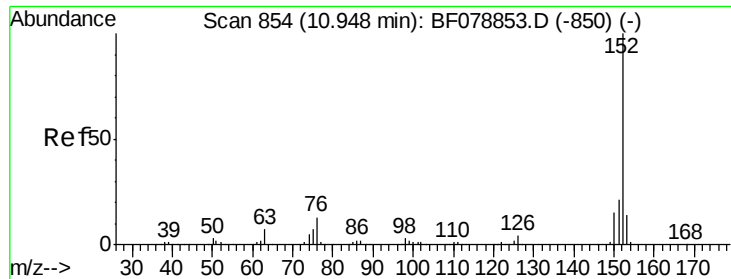
Tgt Ion: 162 Resp: 358229
 Ion Ratio Lower Upper
 162 100
 127 40.5 36.3 54.5
 164 32.4 25.9 38.9



#47
 2-Nitroaniline
 Concen: 41.52 ng
 RT: 10.25 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Tgt Ion: 65 Resp: 102184
 Ion Ratio Lower Upper
 65 100
 92 66.1 49.1 73.7
 138 93.7 63.2 94.8





#48

Acenaphthylene

Concen: 41.08 ng

RT: 10.62 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB83563BS

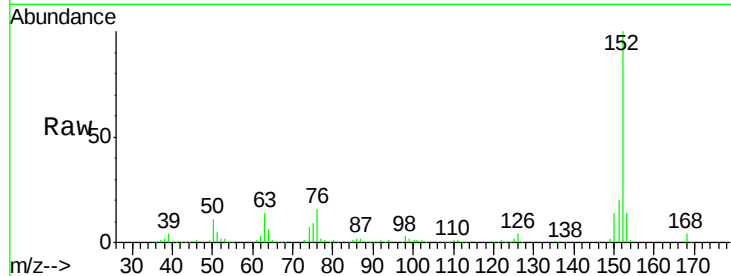
Tgt Ion:152 Resp: 572915

Ion Ratio Lower Upper

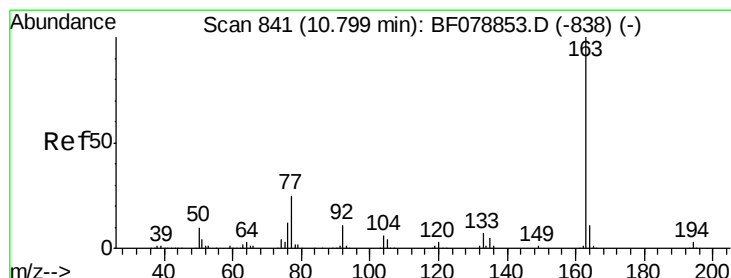
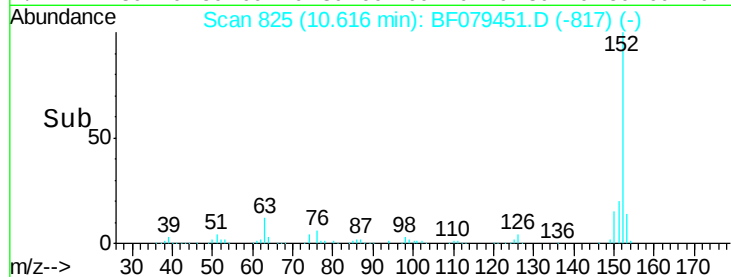
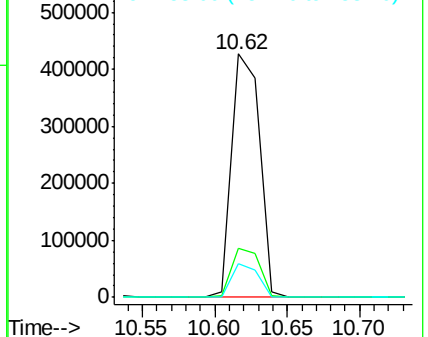
152 100

151 20.3 16.6 24.8

153 13.7 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



#49

Dimethylphthalate

Concen: 42.42 ng

RT: 10.49 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

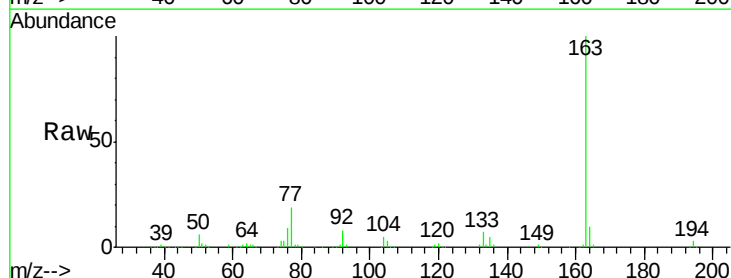
Tgt Ion:163 Resp: 426414

Ion Ratio Lower Upper

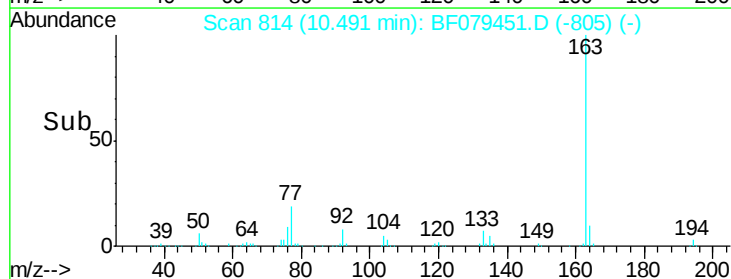
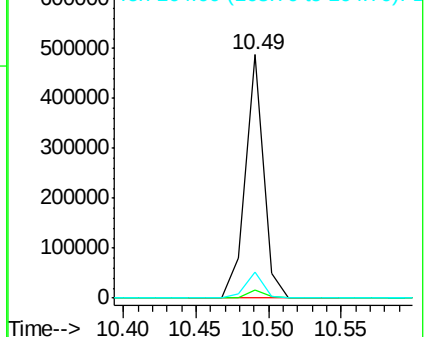
163 100

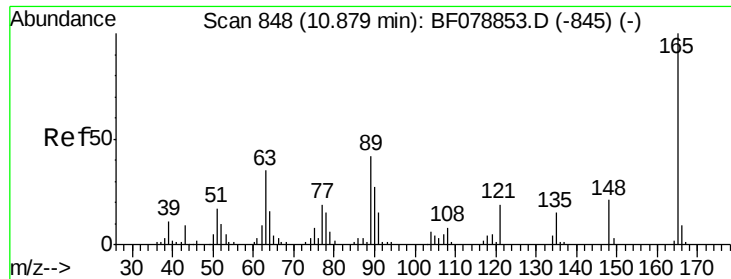
194 3.3 2.4 3.6

164 10.5 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

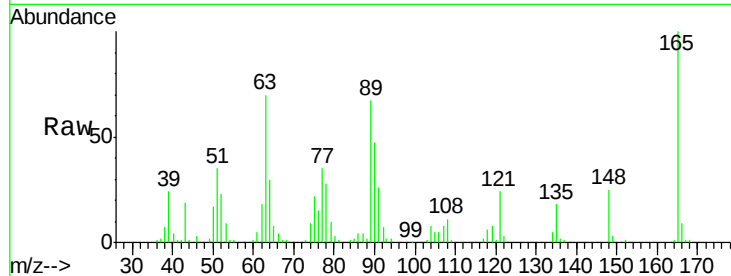




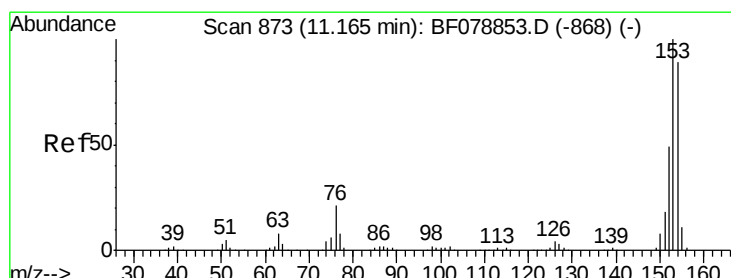
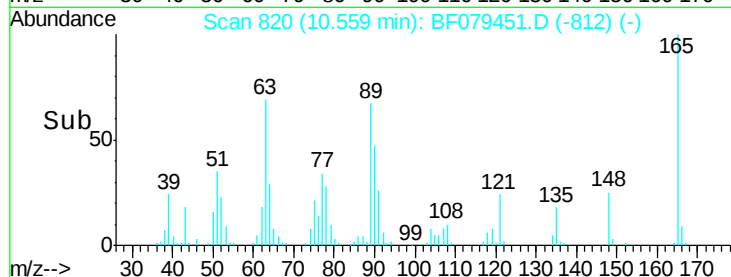
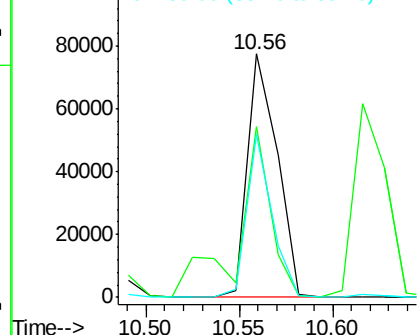
#50
 2,6-Dinitrotoluene
 Concen: 43.53 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Instrument :
 BNA_F
 ClientSampleId :
 PB83563BS

Tgt Ion:165 Resp: 86357
 Ion Ratio Lower Upper
 165 100
 63 70.2 29.2 43.8#
 89 67.0 33.3 49.9#

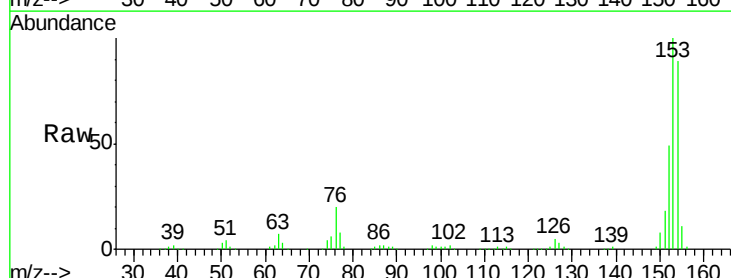


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

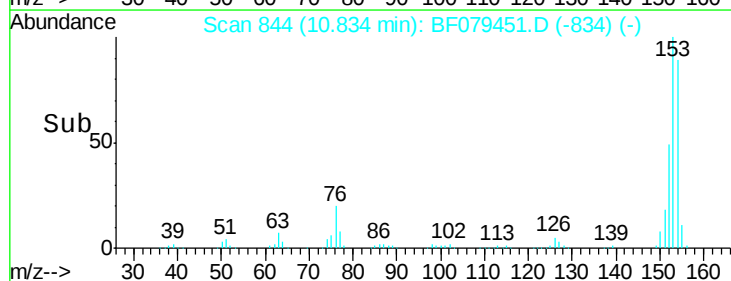
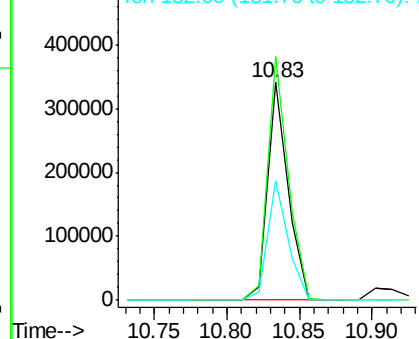


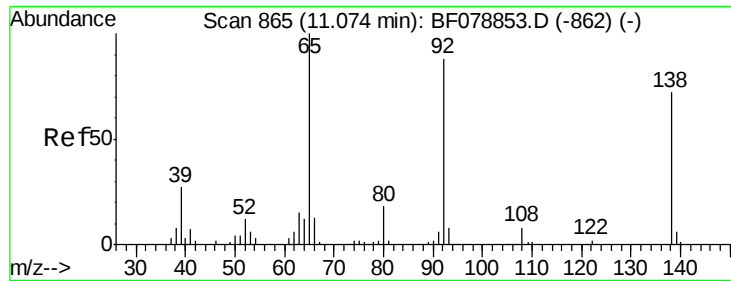
#51
 Acenaphthene
 Concen: 39.97 ng
 RT: 10.83 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Tgt Ion:154 Resp: 332390
 Ion Ratio Lower Upper
 154 100
 153 111.9 90.2 135.2
 152 55.1 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

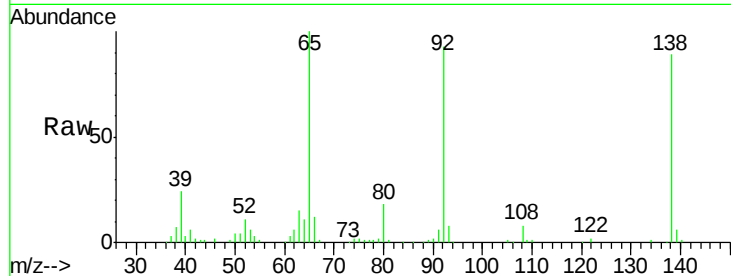




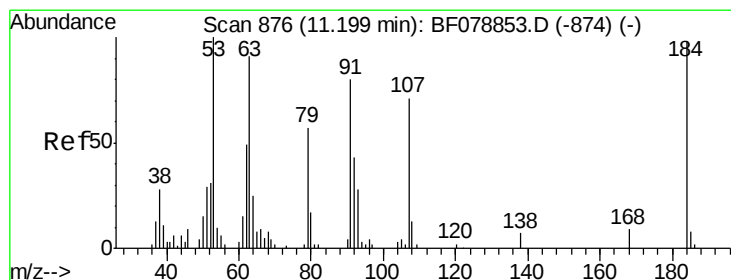
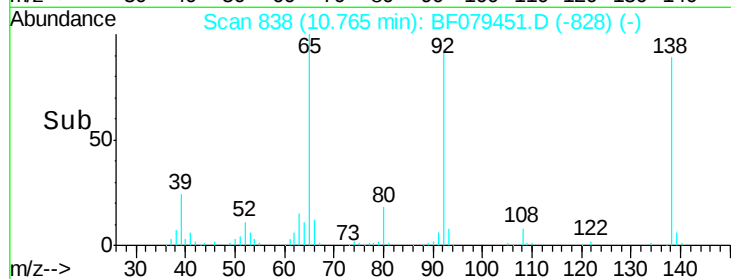
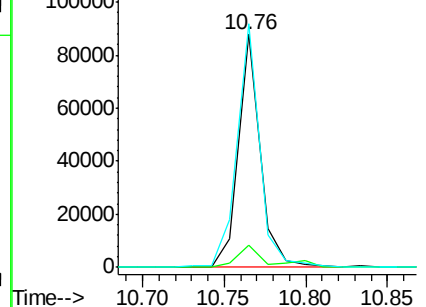
#52
 3-Nitroaniline
 Concen: 32.52 ng
 RT: 10.76 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Instrument :
 BNA_F
 ClientSampleId :
 PB83563BS

Tgt Ion:138 Resp: 80601
 Ion Ratio Lower Upper
 138 100
 108 9.3 8.5 12.7
 92 104.4 97.4 146.0

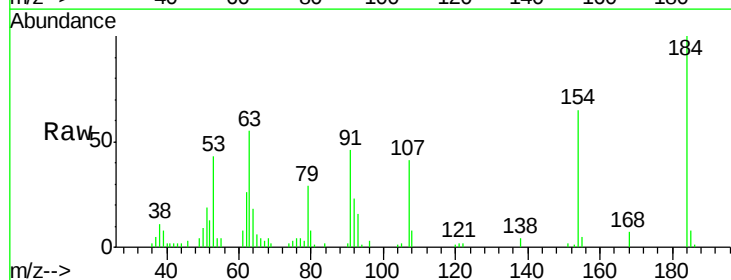


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

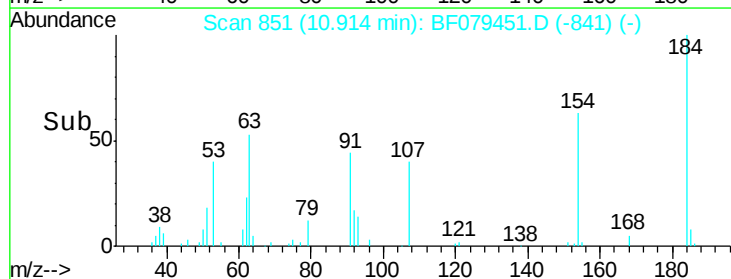
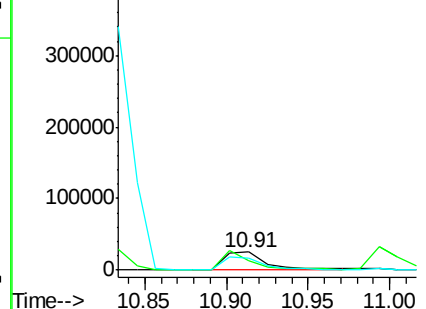


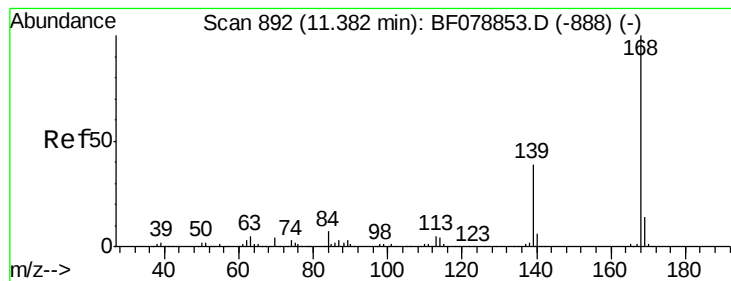
#53
 2,4-Dinitrophenol
 Concen: 63.27 ng
 RT: 10.91 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Tgt Ion:184 Resp: 45508
 Ion Ratio Lower Upper
 184 100
 63 54.7 98.8 148.2#
 154 64.9 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: 41.96 ng

RT: 11.05 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB83563BS

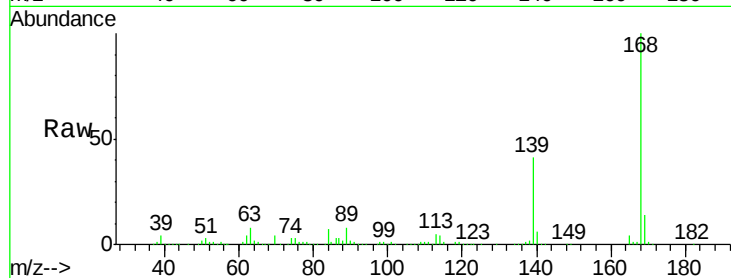
Tgt Ion:168 Resp: 504093

Ion Ratio Lower Upper

168 100

139 40.7 31.5 47.3

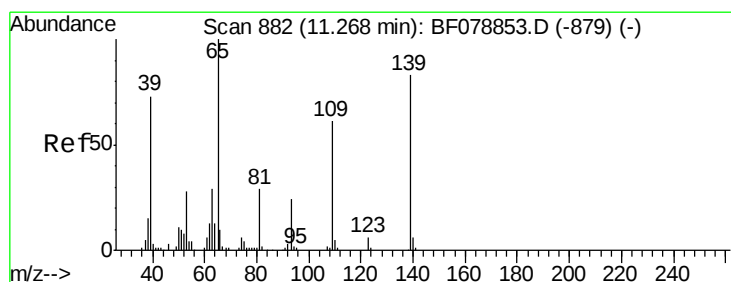
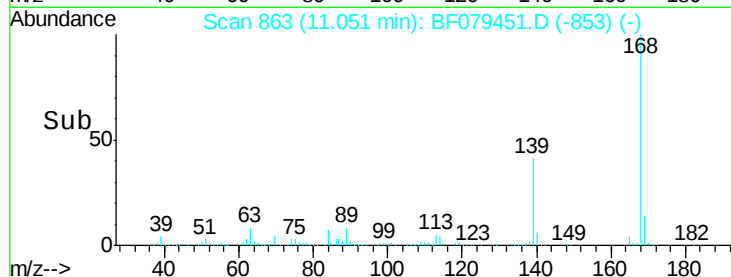
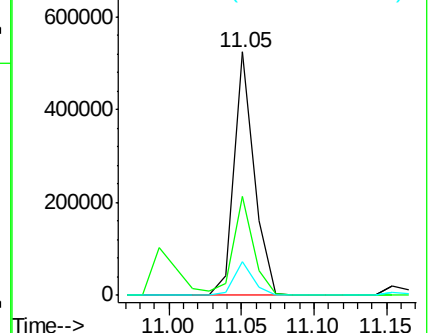
169 13.8 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 64.07 ng

RT: 10.99 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

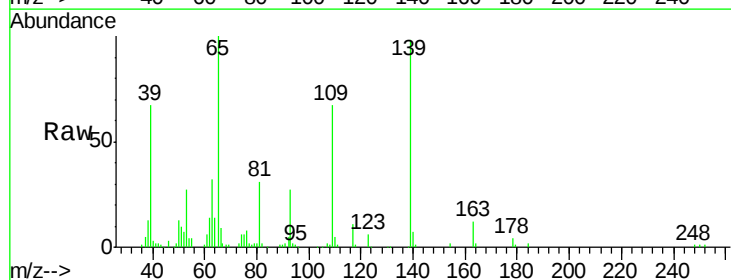
Tgt Ion:139 Resp: 125673

Ion Ratio Lower Upper

139 100

109 67.8 54.4 94.4

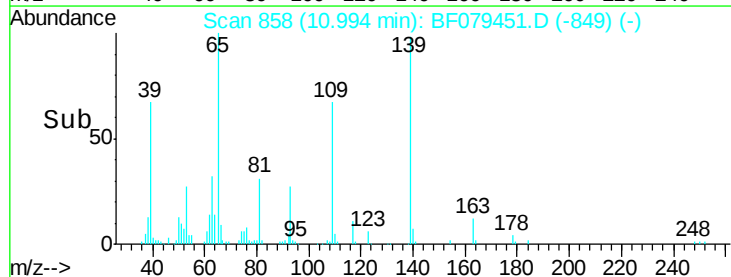
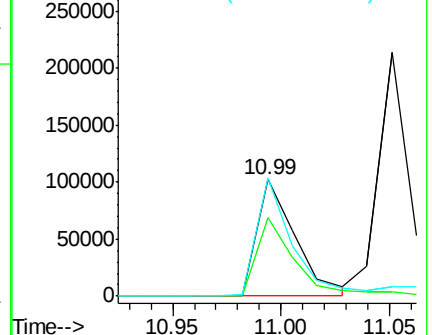
65 101.7 101.0 141.0

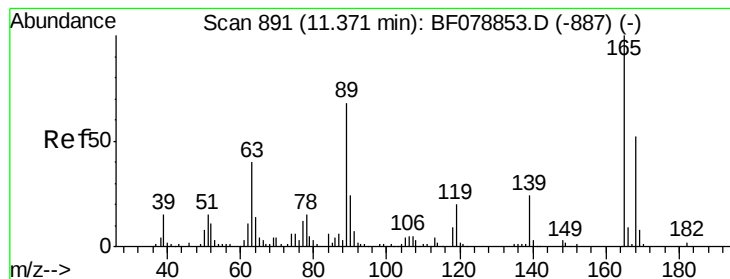


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 45.83 ng

RT: 11.06 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB83563BS

Tgt Ion:165 Resp: 120198

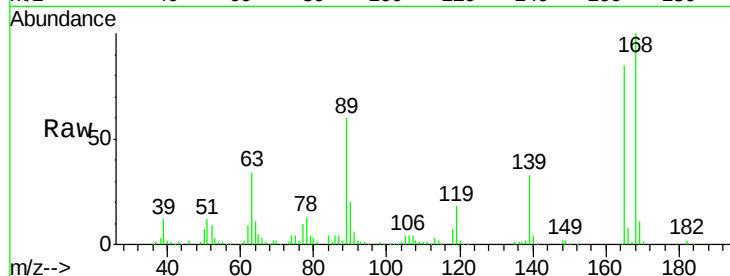
Ion Ratio Lower Upper

165 100

63 39.7 32.3 48.5

89 70.1 54.6 81.8

182 2.0 1.8 2.6

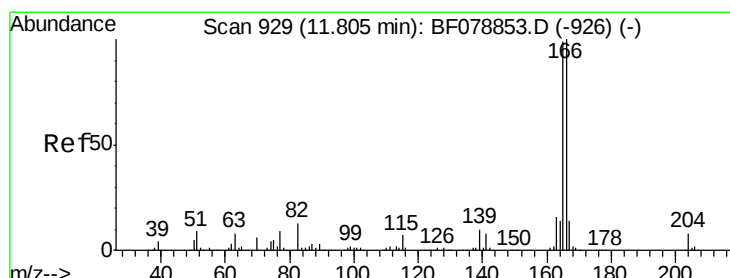
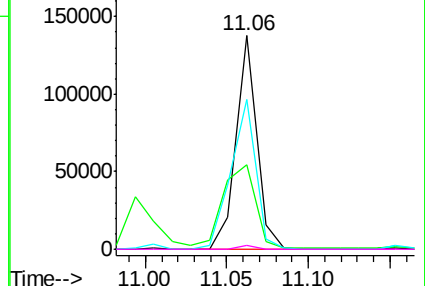
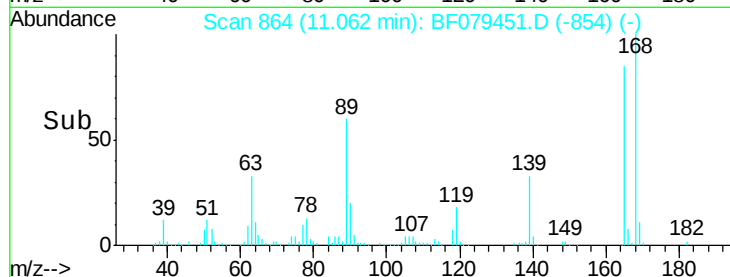


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 41.71 ng

RT: 11.47 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

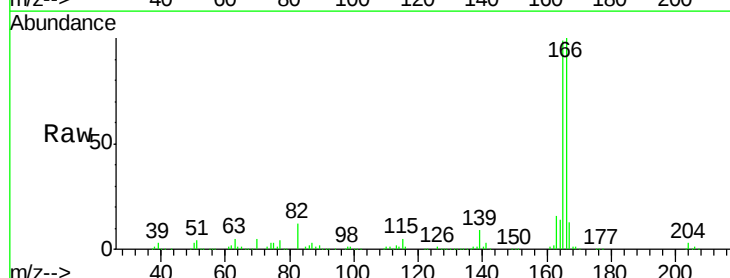
Tgt Ion:166 Resp: 411268

Ion Ratio Lower Upper

166 100

165 98.5 79.5 119.3

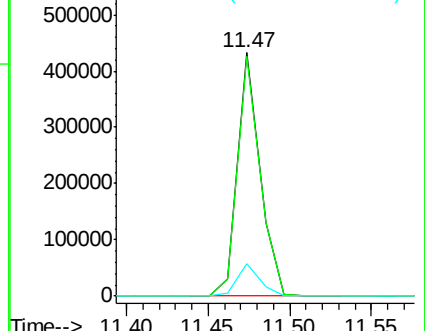
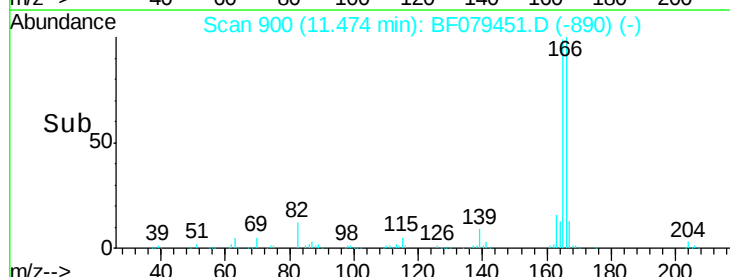
167 13.4 11.0 16.6

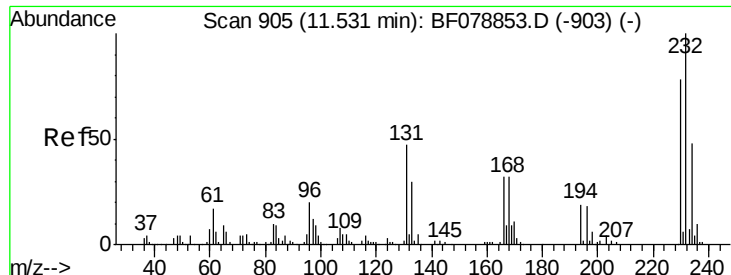


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

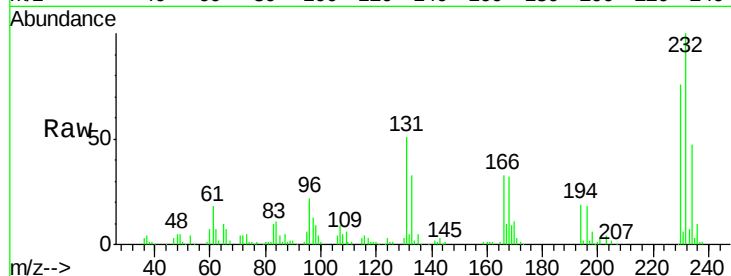




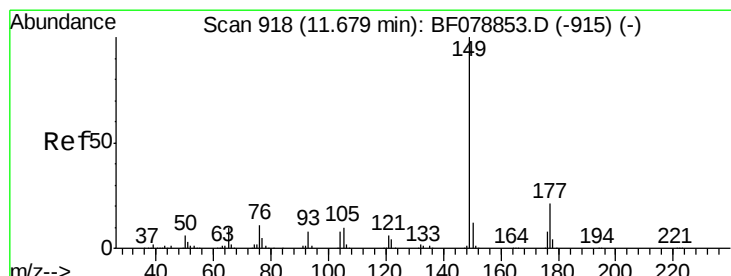
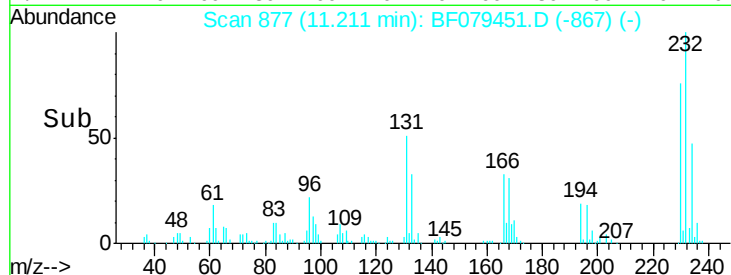
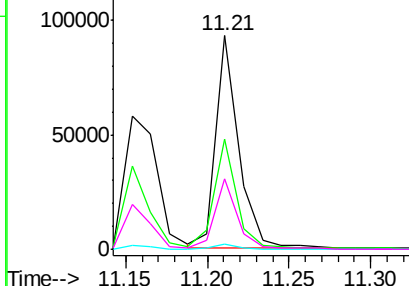
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.12 ng
 RT: 11.21 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Instrument :
 BNA_F
 ClientSampled :
 PB83563BS

Tgt Ion: 232 Resp: 90101
 Ion Ratio Lower Upper
 232 100
 131 51.3 41.9 62.9
 130 2.7 1.9 2.9
 166 33.3 27.0 40.6

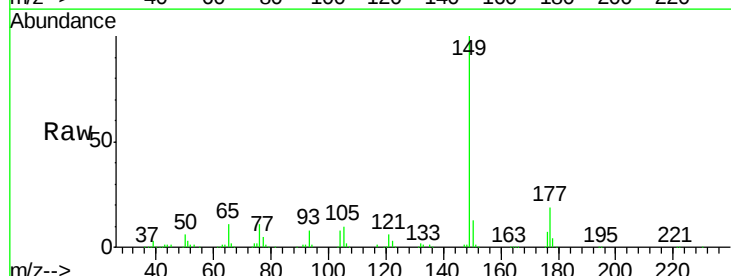


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

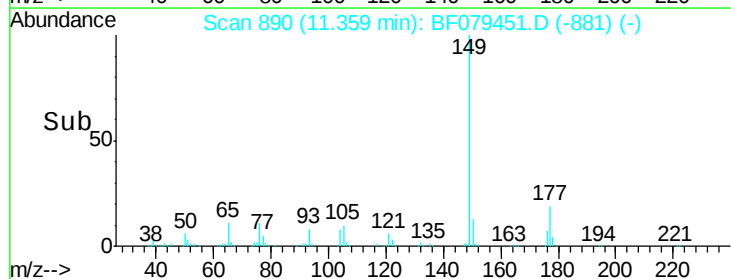
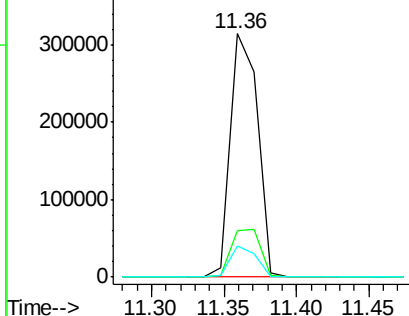


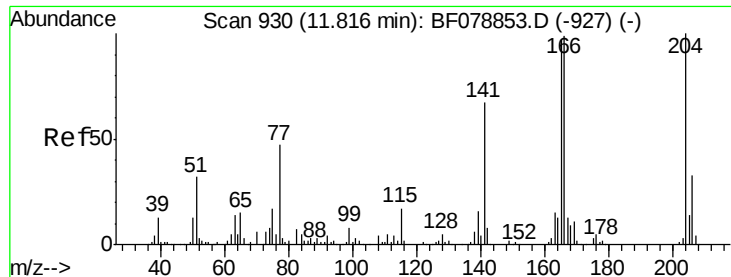
#59
 Diethylphthalate
 Concen: 41.14 ng
 RT: 11.36 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Tgt Ion: 149 Resp: 409735
 Ion Ratio Lower Upper
 149 100
 177 18.9 16.4 24.6
 150 13.0 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

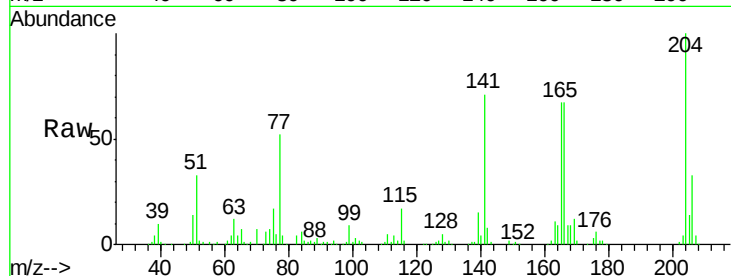




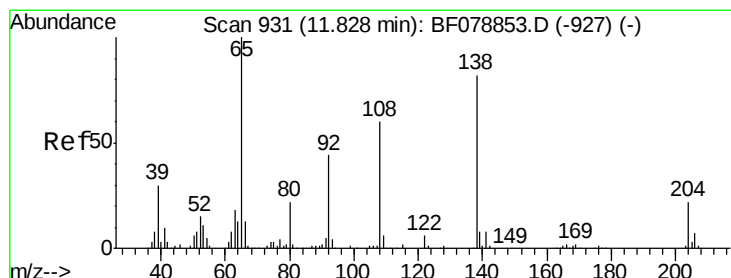
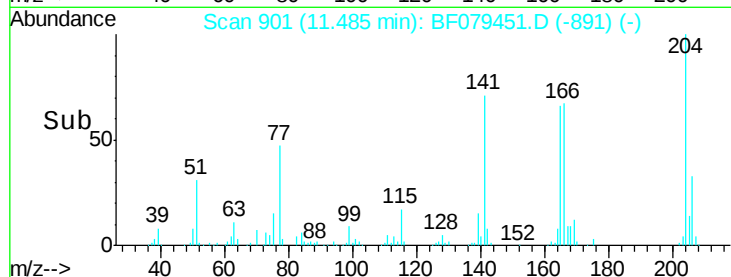
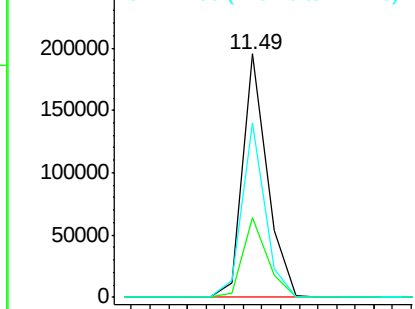
#60
 4-Chlorophenyl-phenylether
 Concen: 40.97 ng
 RT: 11.49 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Instrument :
 BNA_F
 ClientSampleId :
 PB83563BS

Tgt Ion:204 Resp: 179207
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.2 39.4
 141 71.5 53.6 80.4

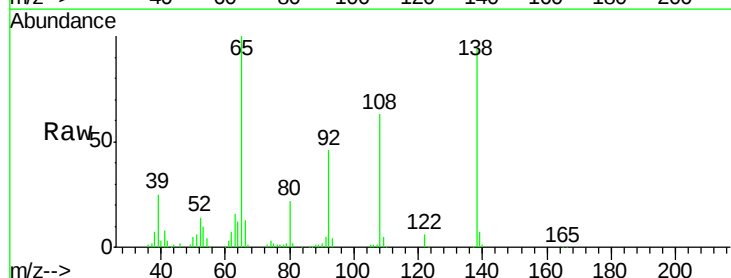


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

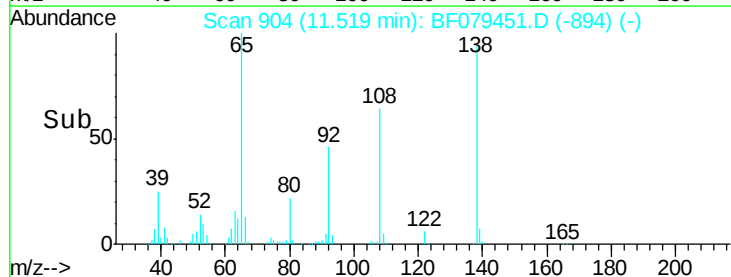
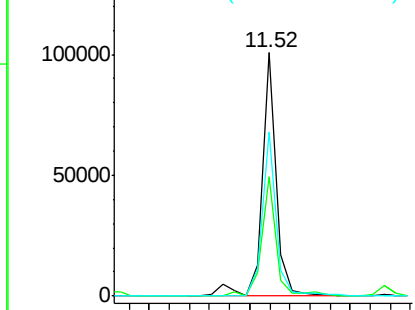


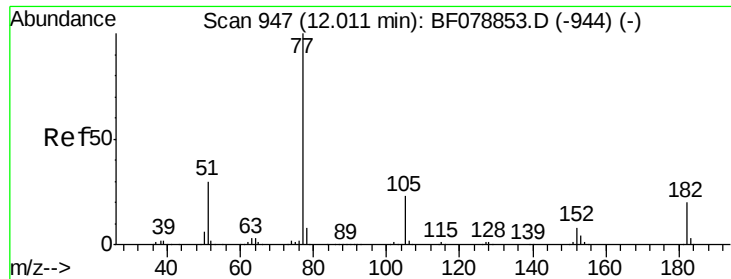
#61
 4-Nitroaniline
 Concen: 39.97 ng
 RT: 11.52 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Tgt Ion:138 Resp: 99086
 Ion Ratio Lower Upper
 138 100
 92 48.9 33.7 73.7
 108 67.5 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

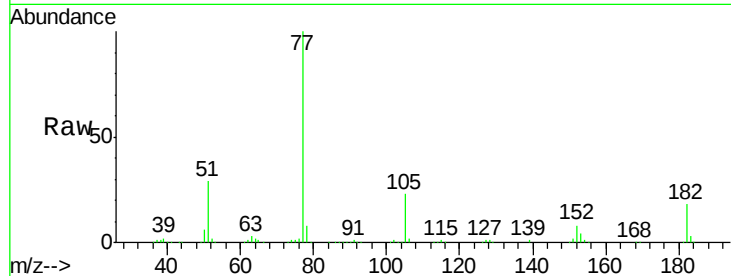




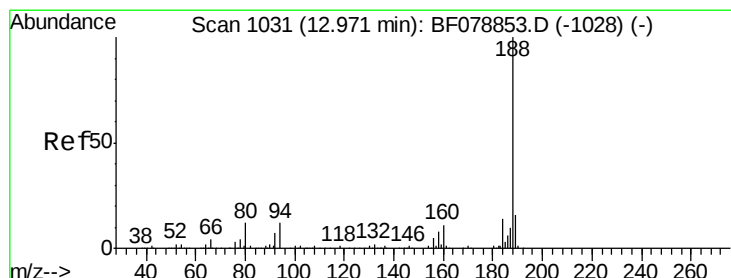
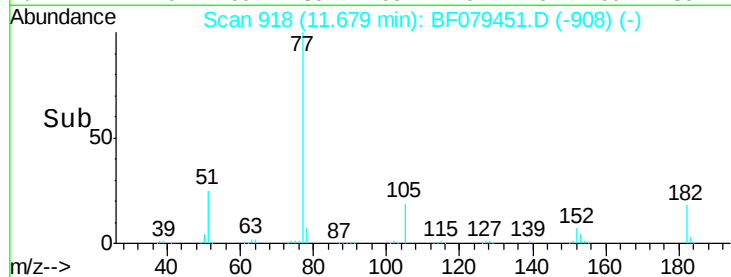
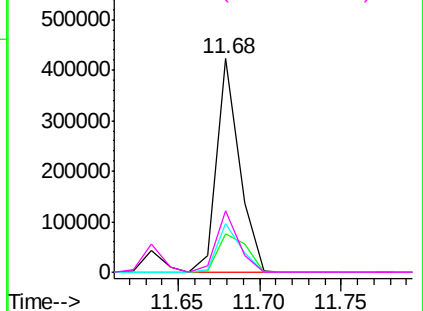
#62
Azobenzene
Concen: 41.70 ng
RT: 11.68 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF079451.D
Acq: 22 May 2015 23:49

Instrument :
BNA_F
ClientSampleId :
PB83563BS

Tgt Ion:	77	Resp:	409180
Ion	Ratio	Lower	Upper
77	100		
182	18.1	0.0	40.0
105	22.9	2.9	42.9
51	28.8	10.0	50.0

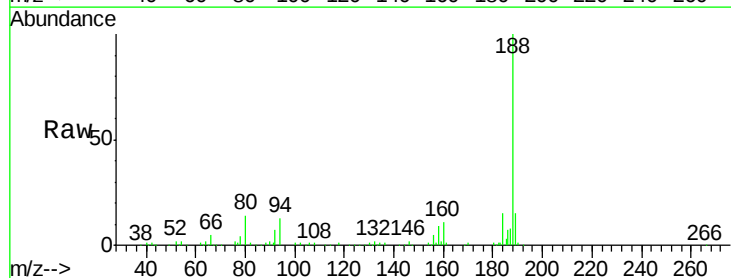


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

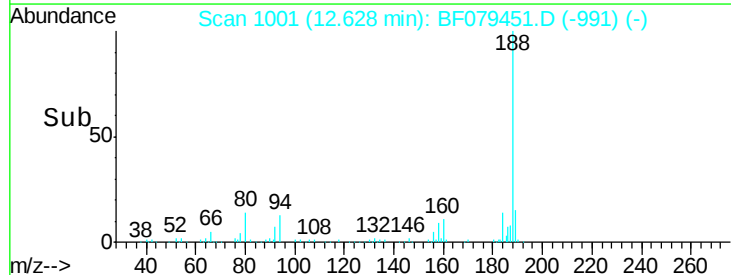
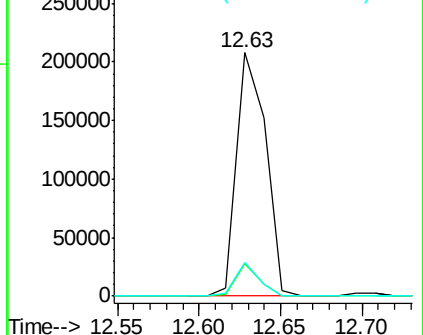


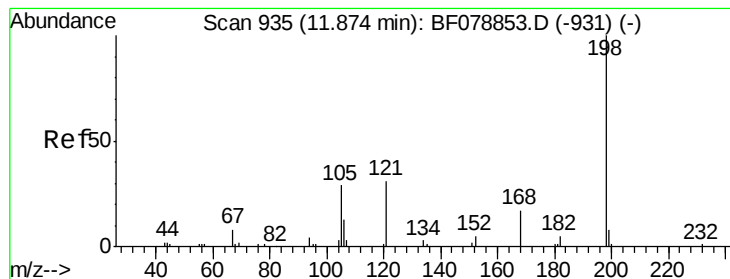
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF079451.D
Acq: 22 May 2015 23:49

Tgt Ion:	188	Resp:	256201
Ion	Ratio	Lower	Upper
188	100		
94	13.2	9.4	14.0
80	13.7	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: 42.69 ng

RT: 11.57 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB83563BS

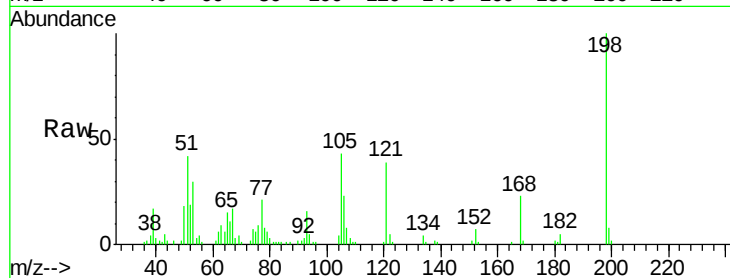
Tgt Ion:198 Resp: 43528

Ion Ratio Lower Upper

198 100

51 41.8 7.0 47.0

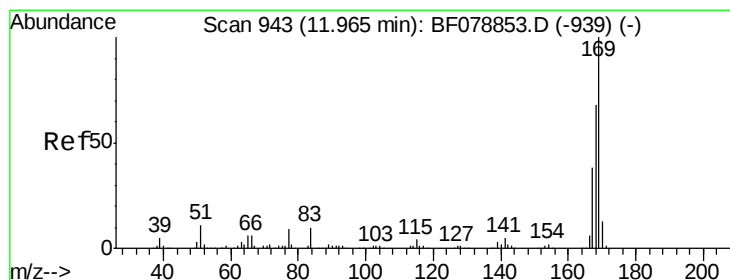
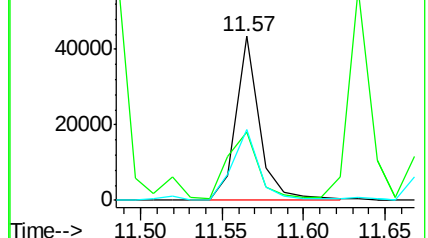
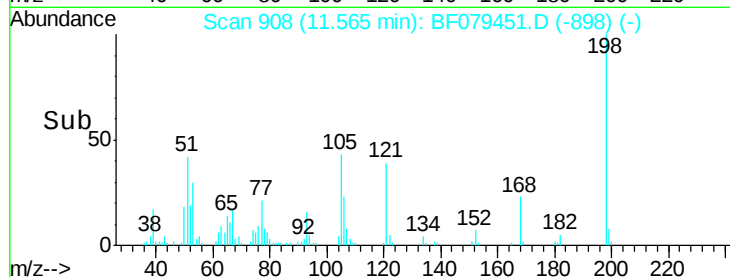
105 43.3 13.7 53.7



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: 40.86 ng

RT: 11.63 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

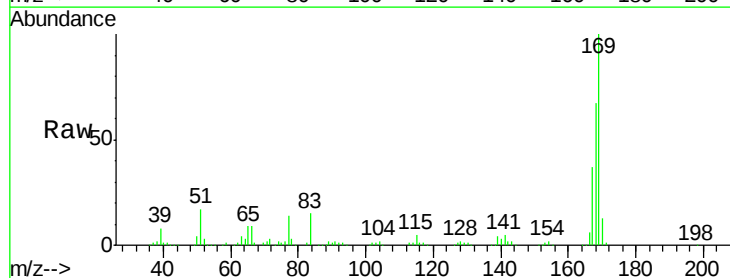
Tgt Ion:169 Resp: 348605

Ion Ratio Lower Upper

169 100

168 67.2 54.1 81.1

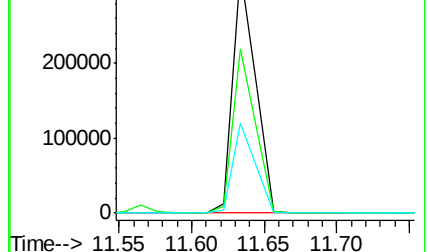
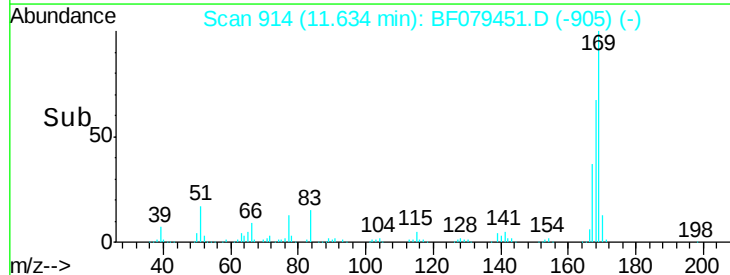
167 37.0 30.1 45.1

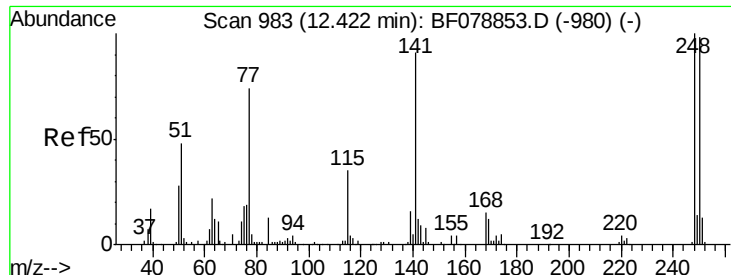


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

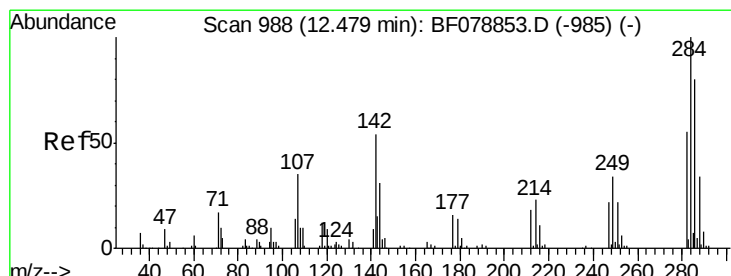
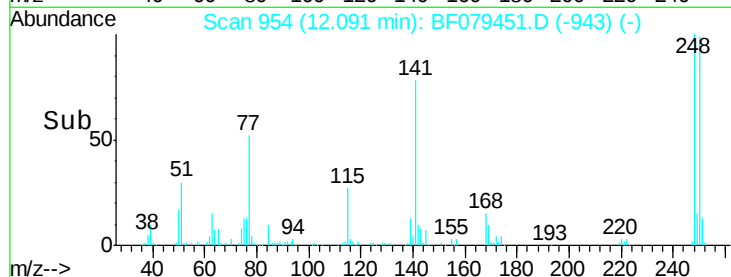
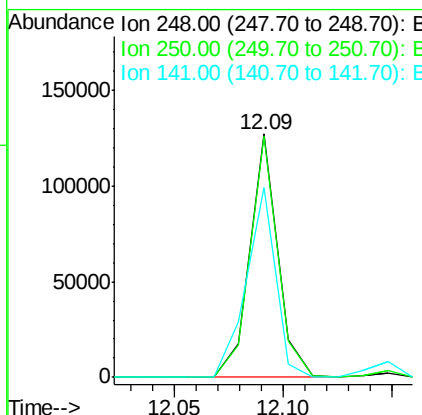
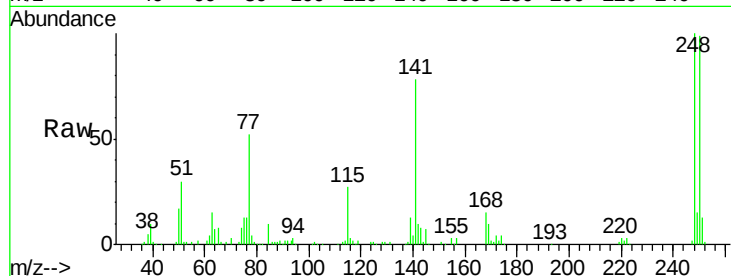




#66
 4-Bromophenyl-phenylether
 Concen: 42.53 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

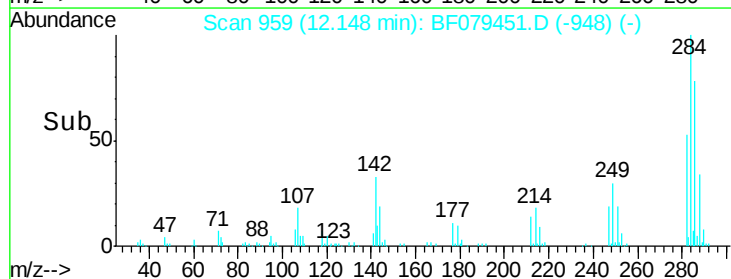
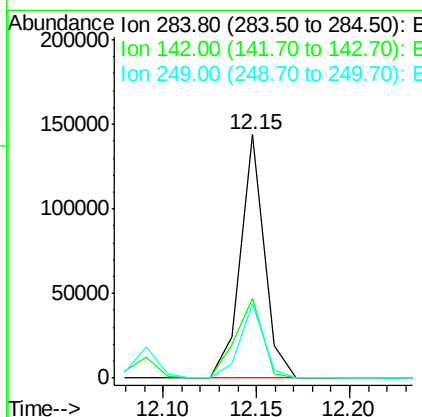
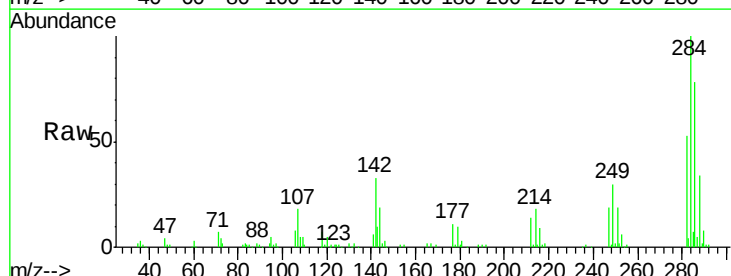
Instrument :
 BNA_F
 ClientSampleId :
 PB83563BS

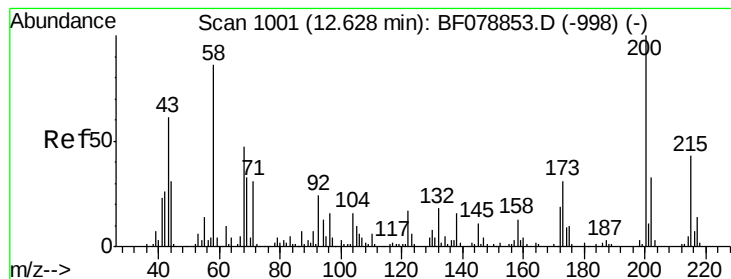
Tgt Ion:248 Resp: 113582
 Ion Ratio Lower Upper
 248 100
 250 99.0 78.0 117.0
 141 77.8 72.6 109.0



#67
 Hexachlorobenzene
 Concen: 42.25 ng
 RT: 12.15 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Tgt Ion:284 Resp: 128967
 Ion Ratio Lower Upper
 284 100
 142 32.8 43.2 64.8#
 249 30.5 27.5 41.3





#68

Atrazine

Concen: 44.67 ng

RT: 12.32 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB83563BS

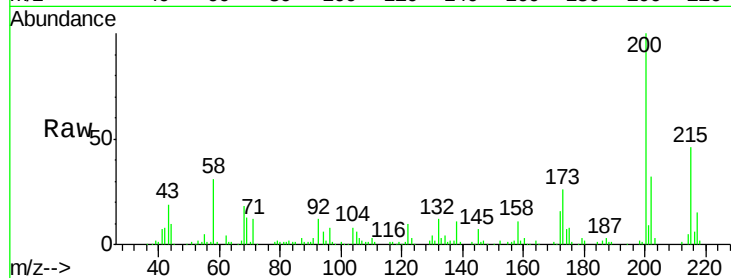
Tgt Ion:200 Resp: 110827

Ion Ratio Lower Upper

200 100

173 26.2 10.9 50.9

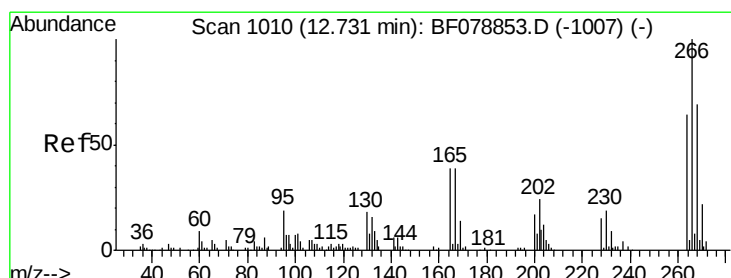
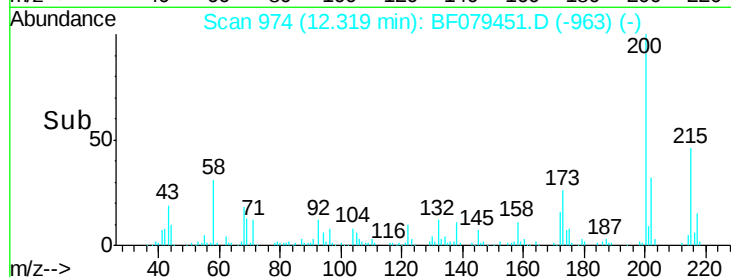
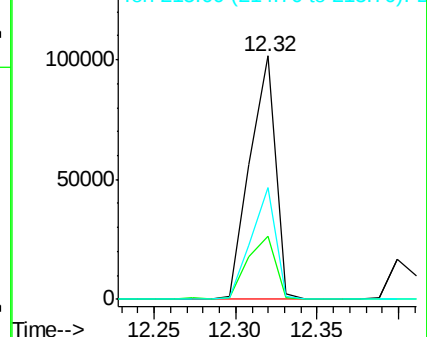
215 45.7 23.2 63.2



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: 61.19 ng

RT: 12.40 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

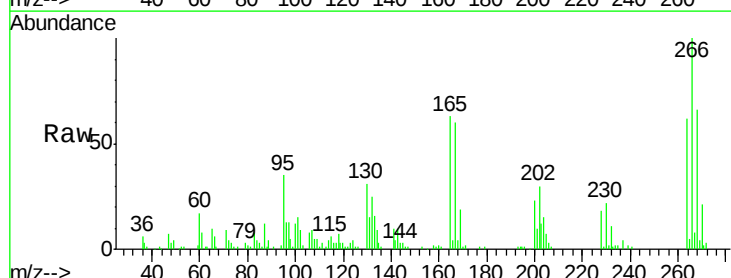
Tgt Ion:266 Resp: 106137

Ion Ratio Lower Upper

266 100

268 66.4 55.0 82.6

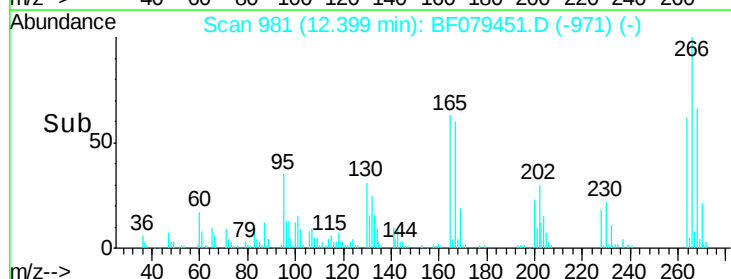
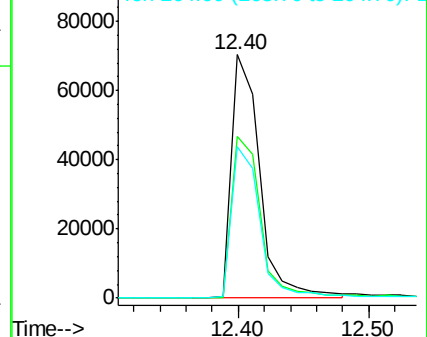
264 62.1 50.9 76.3

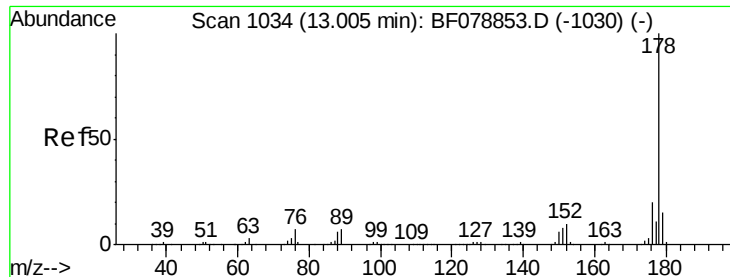


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

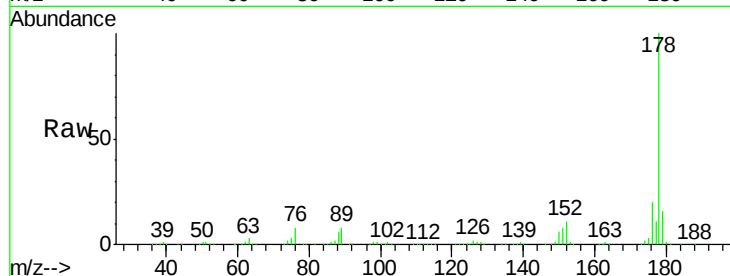




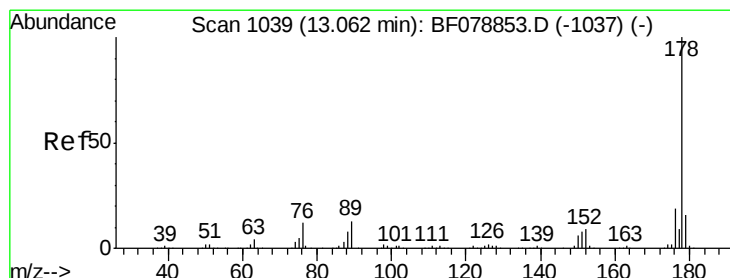
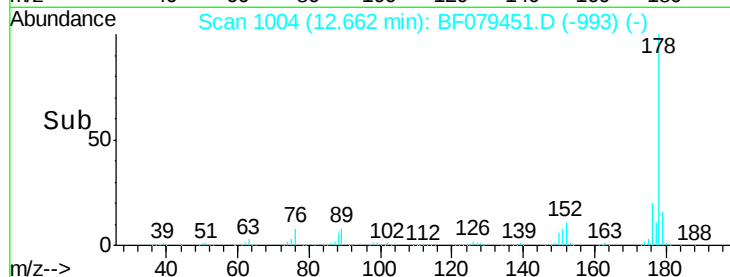
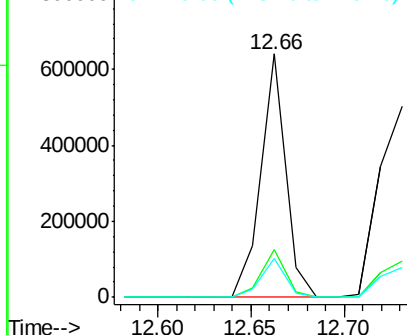
#70
Phenanthrene
Concen: 41.03 ng
RT: 12.66 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF079451.D
Acq: 22 May 2015 23:49

Instrument :
BNA_F
ClientSampleId :
PB83563BS

Tgt Ion:178 Resp: 588084
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 16.0 12.2 18.4

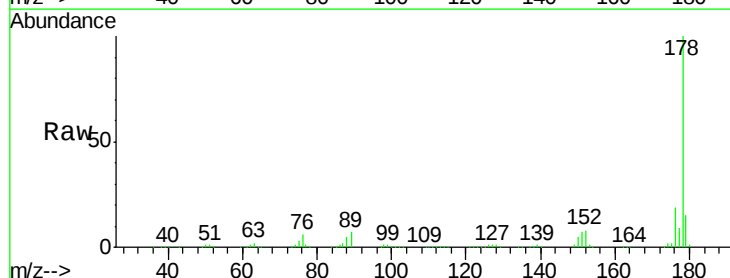


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

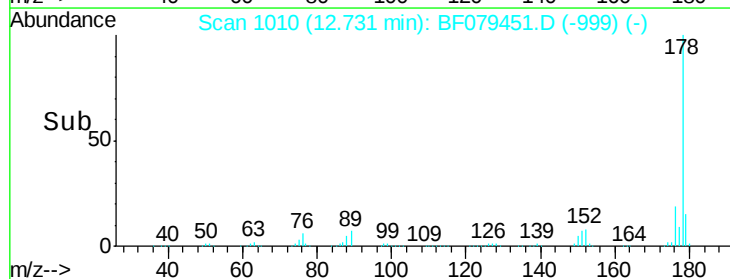
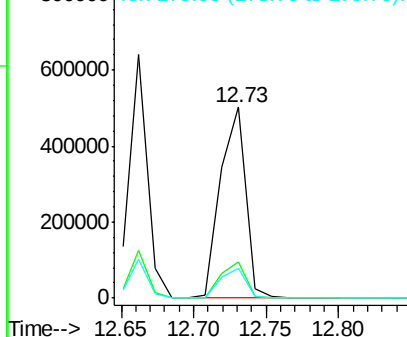


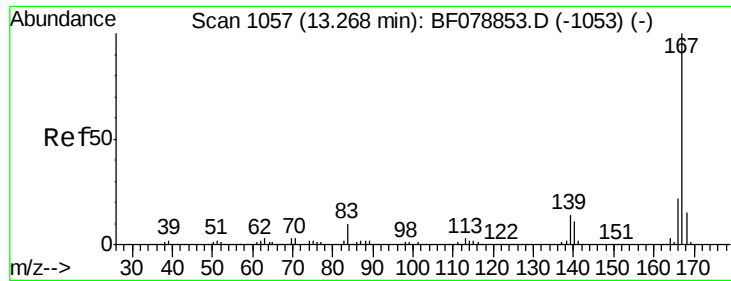
#71
Anthracene
Concen: 42.99 ng
RT: 12.73 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF079451.D
Acq: 22 May 2015 23:49

Tgt Ion:178 Resp: 604496
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.4 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: 42.92 ng

RT: 12.94 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB83563BS

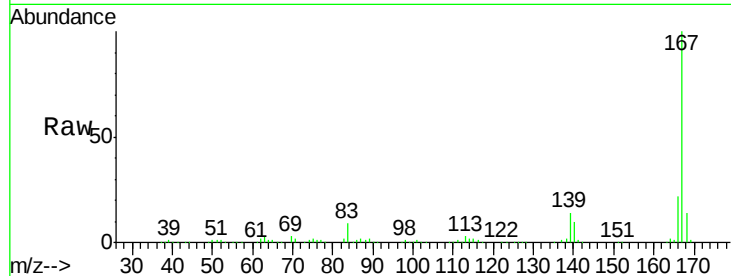
Tgt Ion:167 Resp: 575270

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

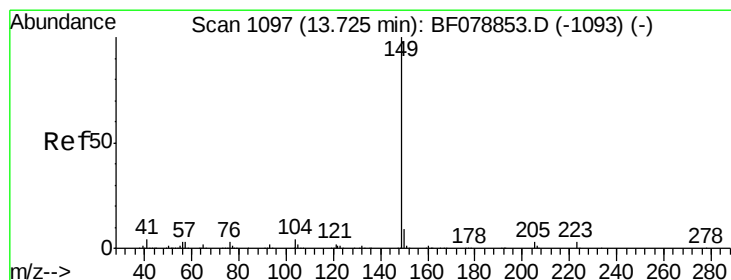
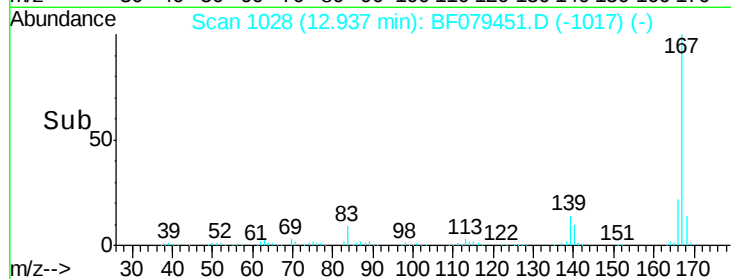
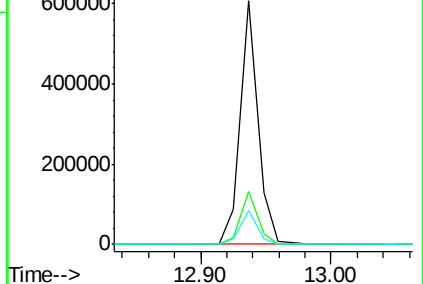
139 13.8 11.0 16.4



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: 41.17 ng

RT: 13.39 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

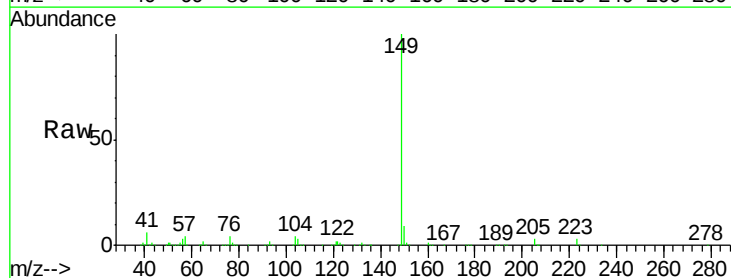
Tgt Ion:149 Resp: 661768

Ion Ratio Lower Upper

149 100

150 9.2 7.0 10.4

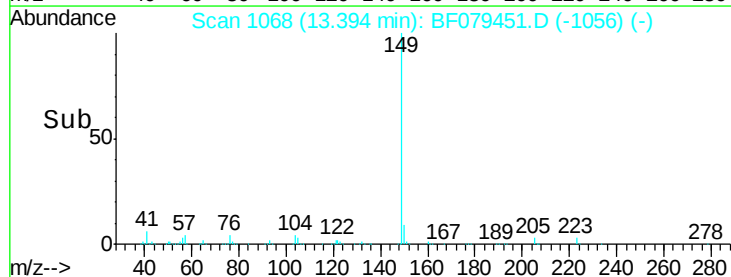
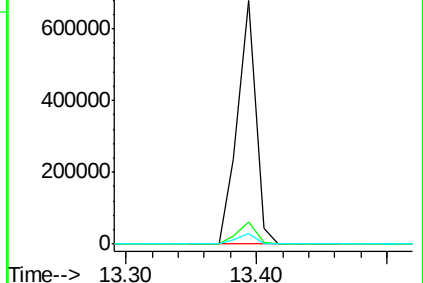
104 4.2 3.3 4.9

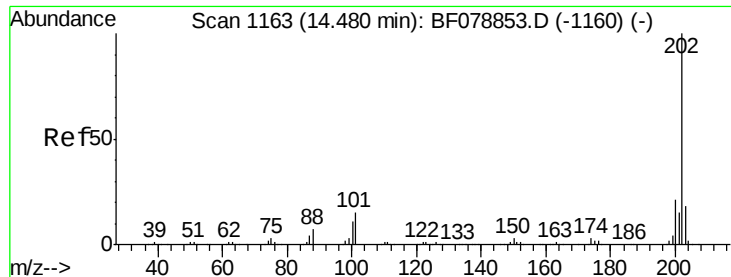


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

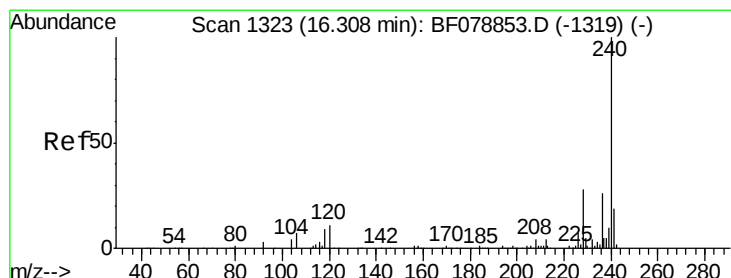
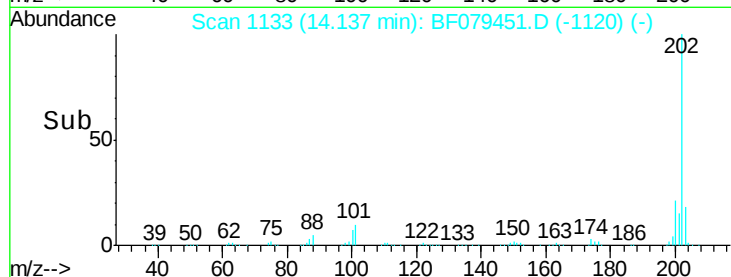
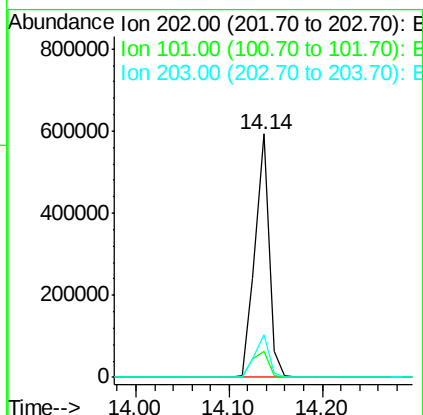
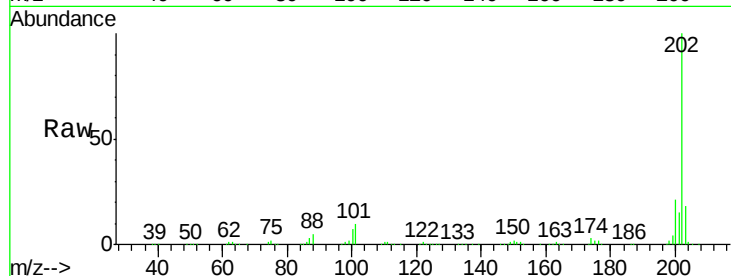




#74
 Fluoranthene
 Concen: 41.85 ng
 RT: 14.14 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

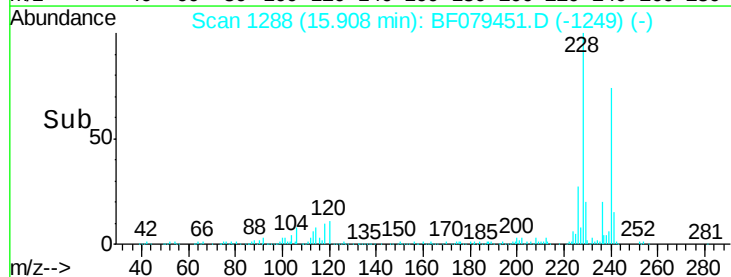
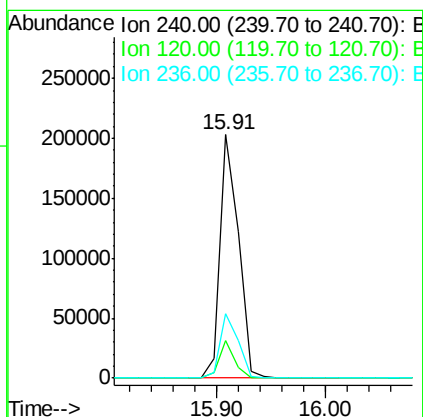
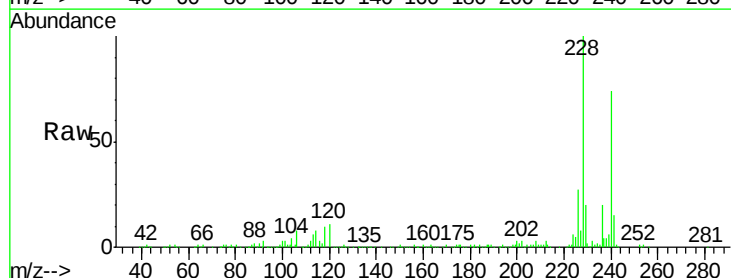
Instrument :
 BNA_F
 ClientSampleId :
 PB83563BS

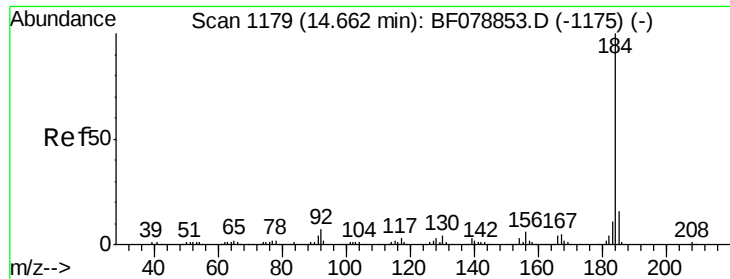
Tgt Ion: 202 Resp: 625042
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 34.7
 203 17.5 0.0 37.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.91 min Scan# 1288
 Delta R.T. -0.06 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Tgt Ion: 240 Resp: 240740
 Ion Ratio Lower Upper
 240 100
 120 15.4 8.6 12.8#
 236 26.3 21.0 31.6

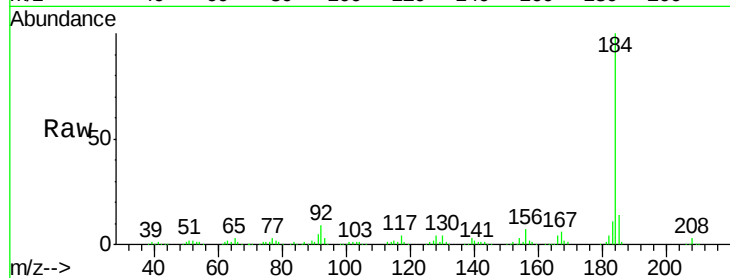




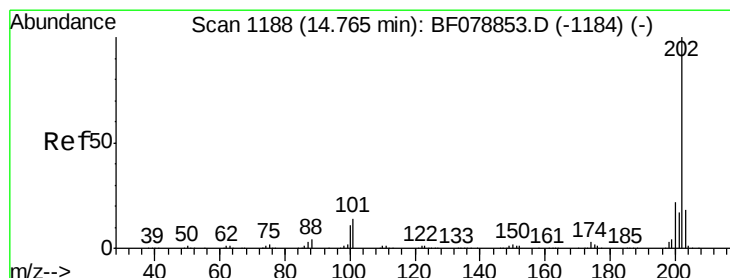
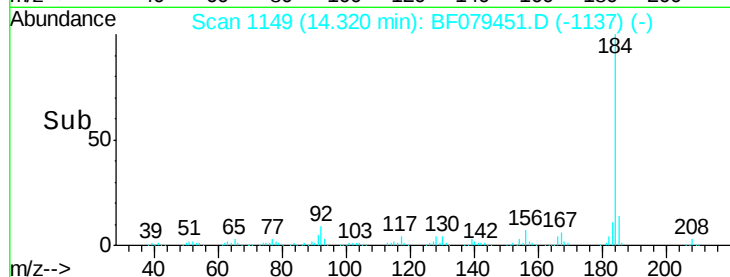
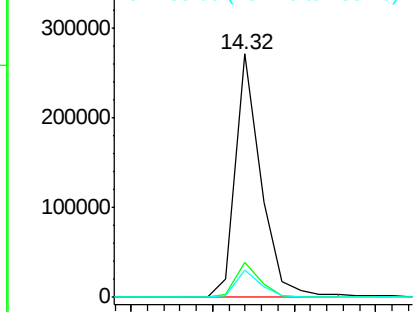
#76
Benzidine
Concen: 45.12 ng
RT: 14.32 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF079451.D
Acq: 22 May 2015 23:49

Instrument :
BNA_F
ClientSampleId :
PB83563BS

Tgt Ion:184 Resp: 292721
Ion Ratio Lower Upper
184 100
185 14.3 12.8 19.2
183 11.2 9.0 13.4

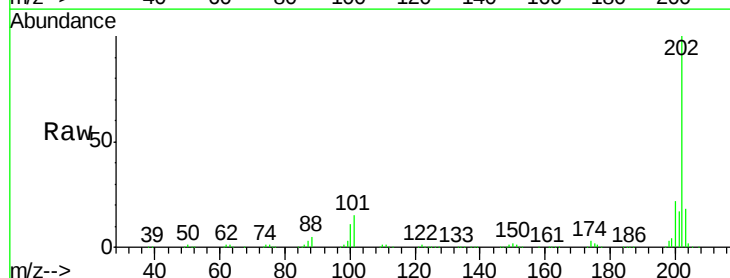


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

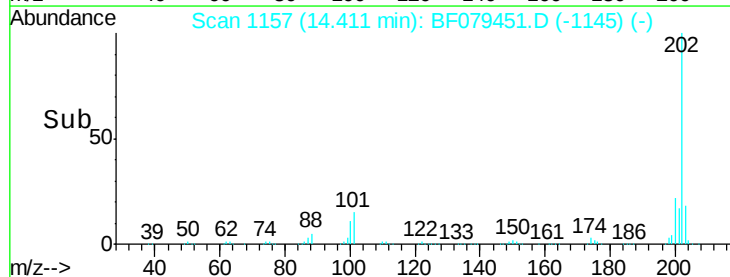
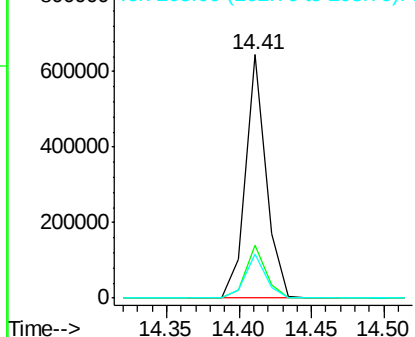


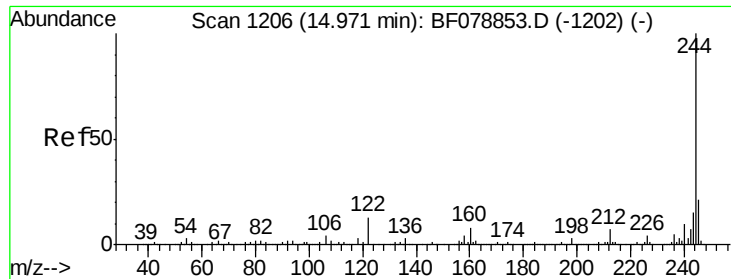
#77
Pyrene
Concen: 46.02 ng
RT: 14.41 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF079451.D
Acq: 22 May 2015 23:49

Tgt Ion:202 Resp: 638417
Ion Ratio Lower Upper
202 100
200 22.0 17.5 26.3
203 18.2 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

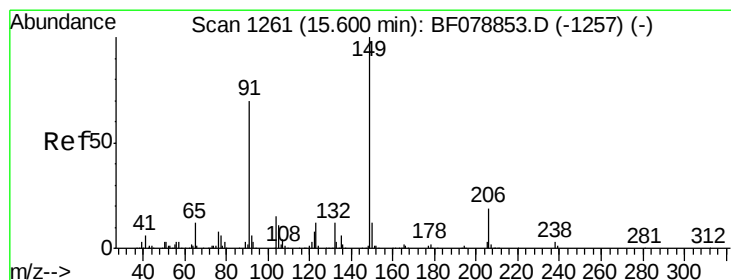
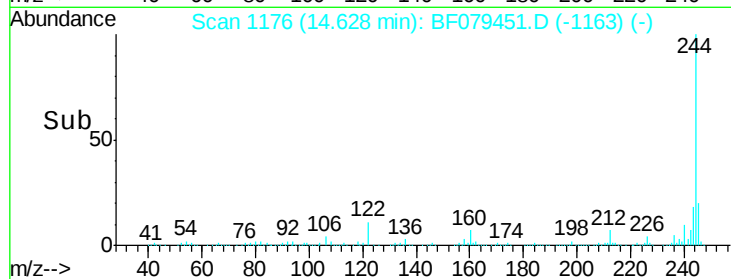
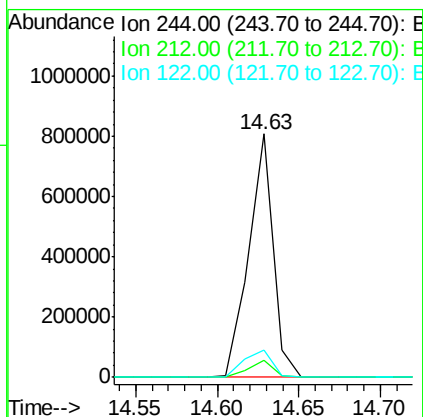
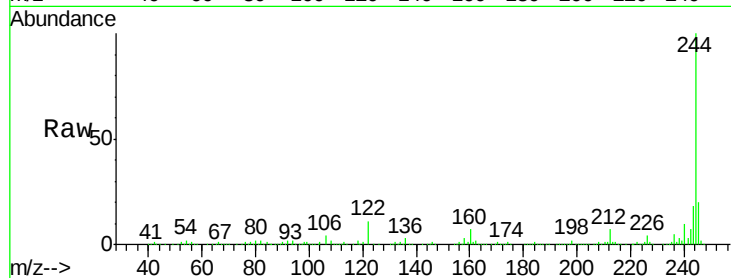




#78
 Terphenyl-d14
 Concen: 83.62 ng
 RT: 14.63 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

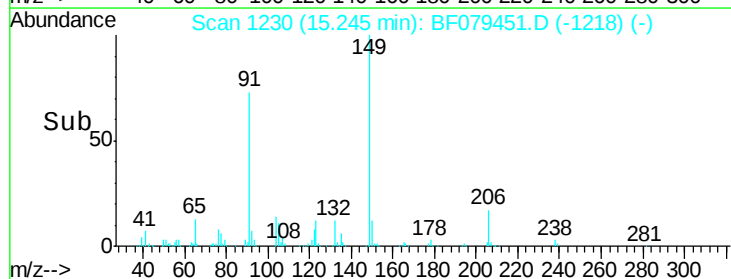
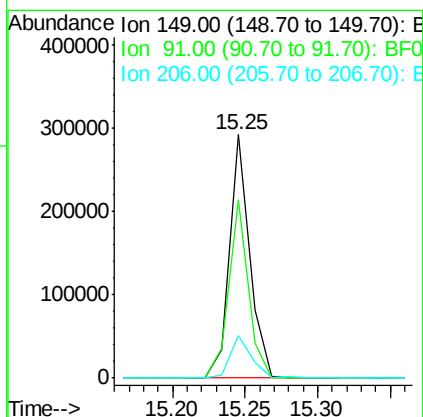
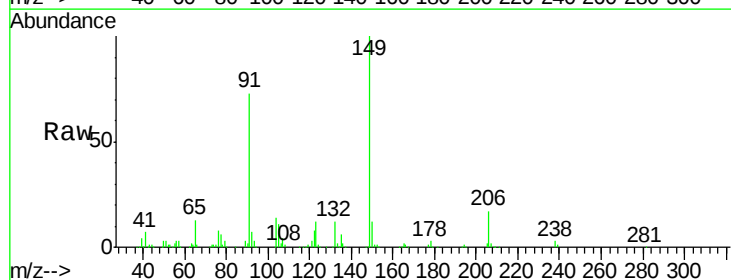
Instrument :
 BNA_F
 ClientSampled :
 PB83563BS

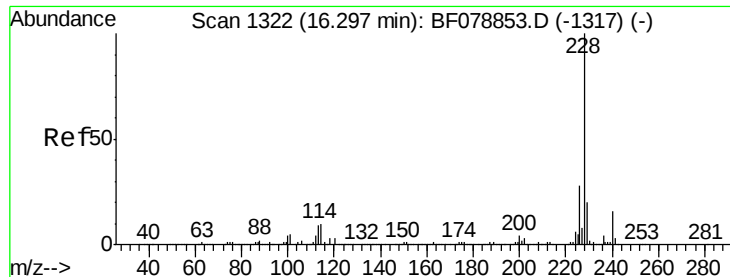
Tgt Ion:244 Resp: 840814
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.3 10.5 15.7



#79
 Butylbenzylphthalate
 Concen: 46.55 ng
 RT: 15.25 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF079451.D
 Acq: 22 May 2015 23:49

Tgt Ion:149 Resp: 282280
 Ion Ratio Lower Upper
 149 100
 91 73.4 56.2 84.2
 206 17.3 15.2 22.8





#80

Benzo(a)anthracene

Concen: 42.89 ng

RT: 15.90 min Scan# 1287

Delta R.T. -0.06 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB83563BS

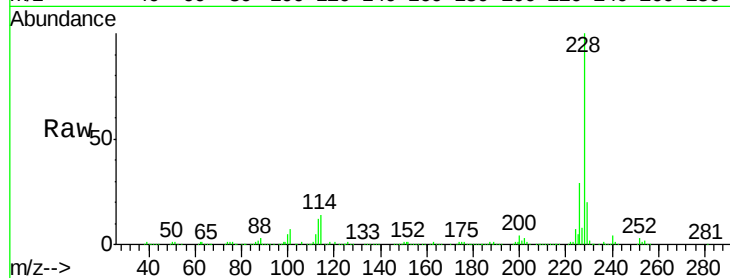
Tgt Ion:228 Resp: 565474

Ion Ratio Lower Upper

228 100

226 28.5 22.3 33.5

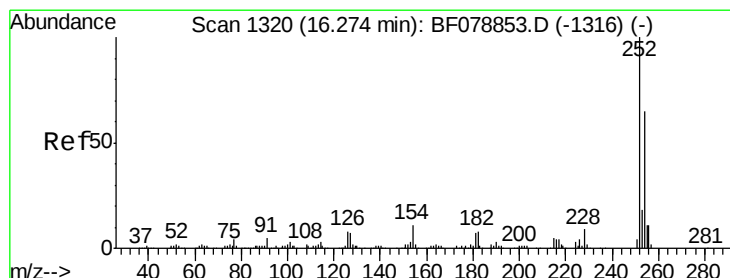
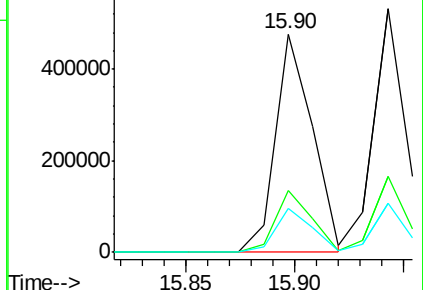
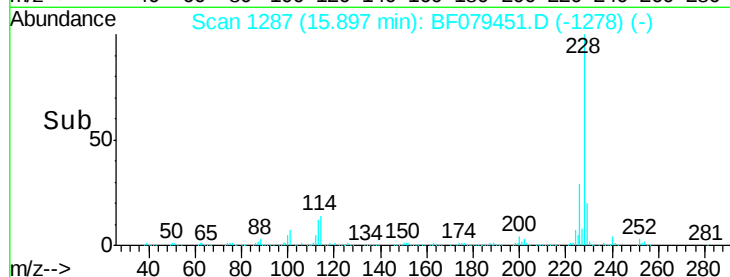
229 20.2 16.1 24.1



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



#81

3,3'-Dichlorobenzidine

Concen: 34.71 ng

RT: 15.89 min Scan# 1286

Delta R.T. -0.05 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

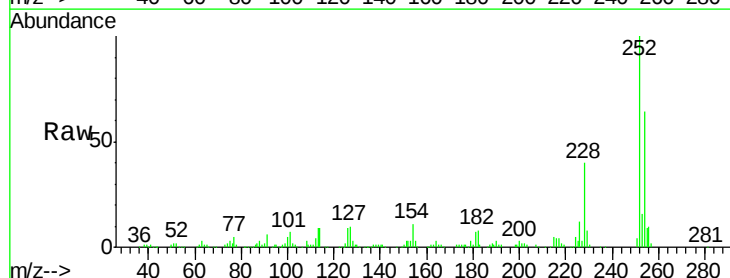
Tgt Ion:252 Resp: 162982

Ion Ratio Lower Upper

252 100

254 64.4 52.2 78.2

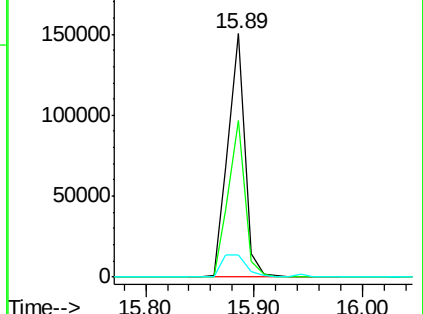
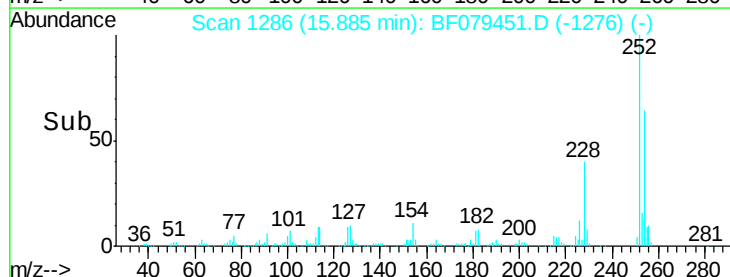
126 9.4 6.6 9.8

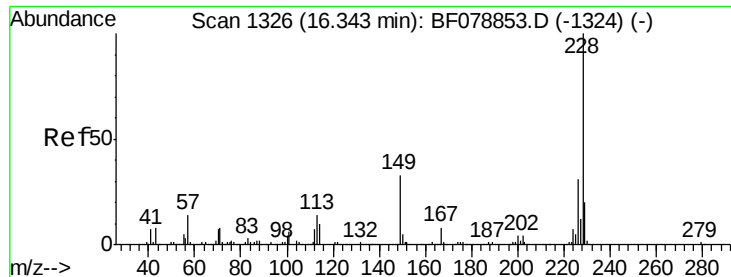


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 43.34 ng

RT: 15.94 min Scan# 1291

Delta R.T. -0.06 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB83563BS

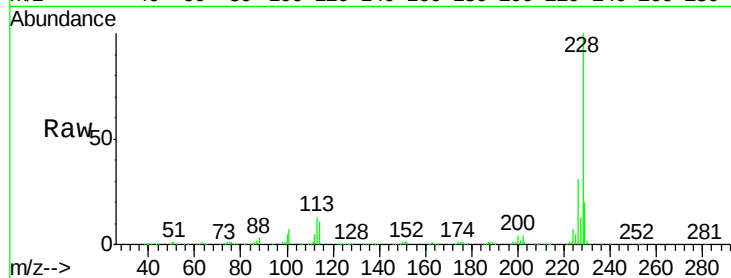
Tgt Ion:228 Resp: 549494

Ion Ratio Lower Upper

228 100

226 31.3 24.8 37.2

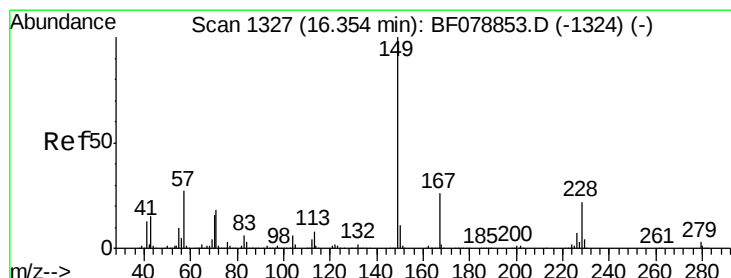
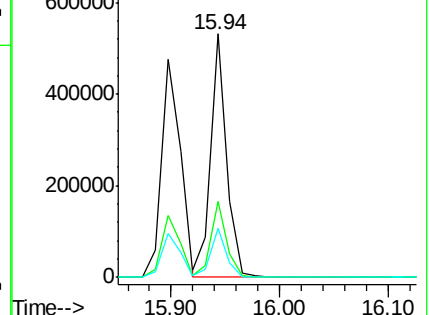
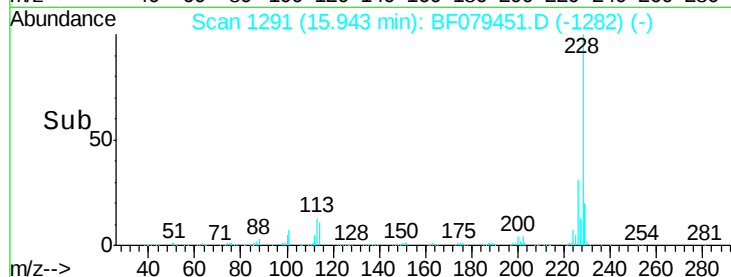
229 20.1 16.1 24.1



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: 44.00 ng

RT: 15.97 min Scan# 1293

Delta R.T. -0.07 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

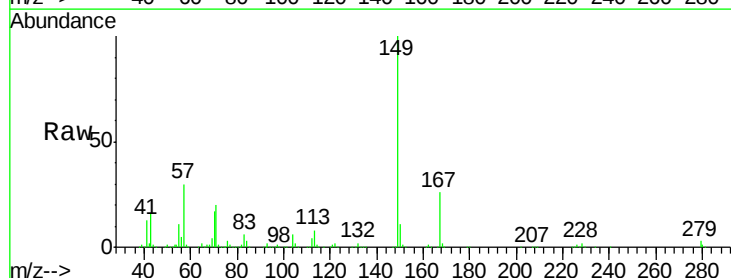
Tgt Ion:149 Resp: 404163

Ion Ratio Lower Upper

149 100

167 25.6 21.2 31.8

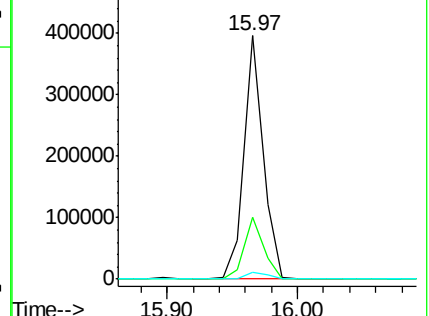
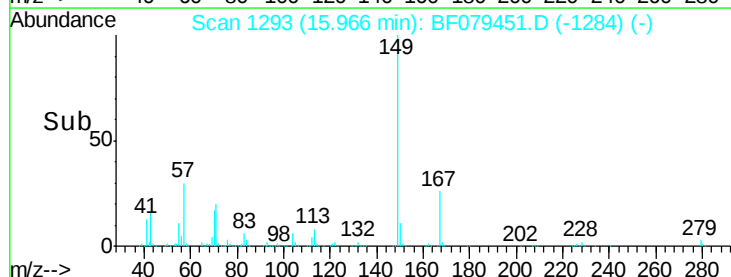
279 2.6 2.6 4.0#

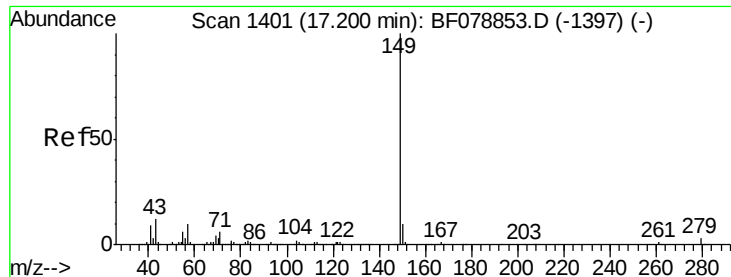


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 42.94 ng

RT: 16.75 min Scan# 1362

Delta R.T. -0.14 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB83563BS

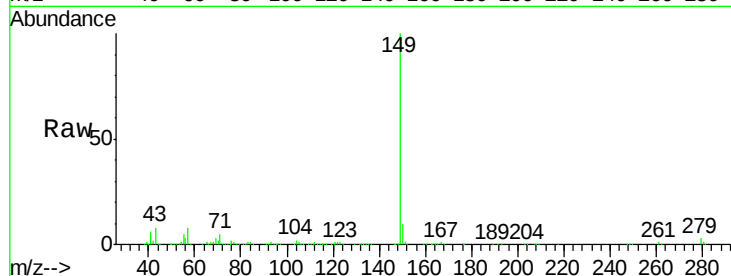
Tgt Ion:149 Resp: 694660

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

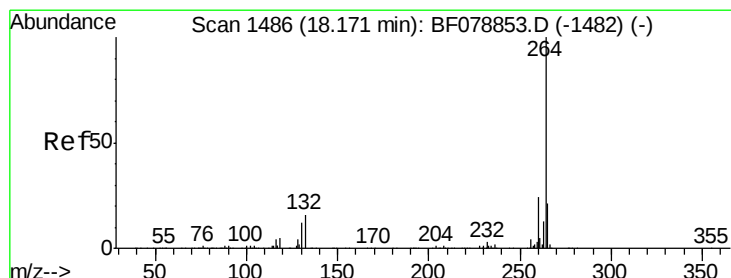
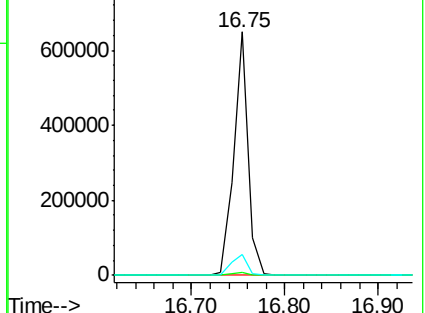
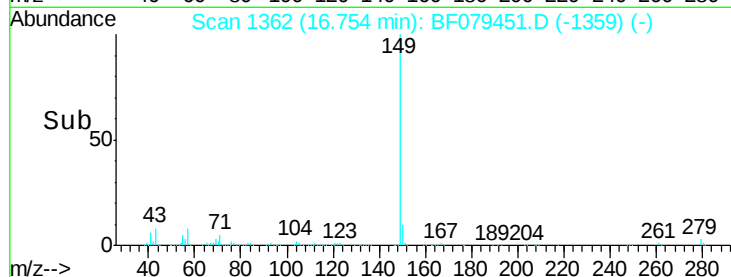
43 9.6 9.0 13.6



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.62 min Scan# 1438

Delta R.T. -0.23 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

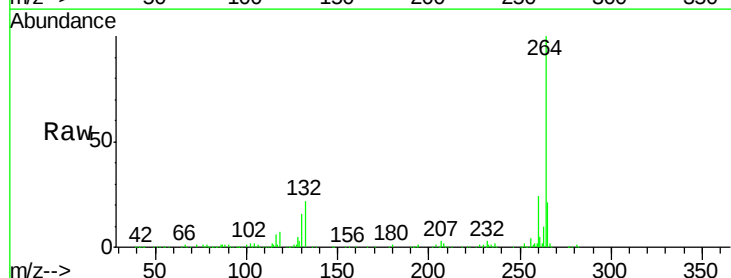
Tgt Ion:264 Resp: 244576

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

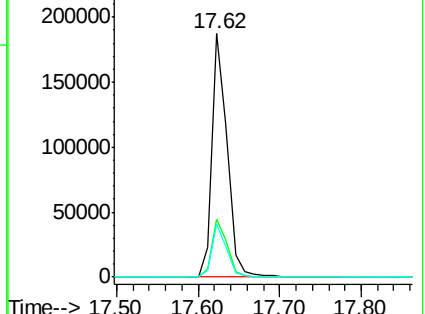
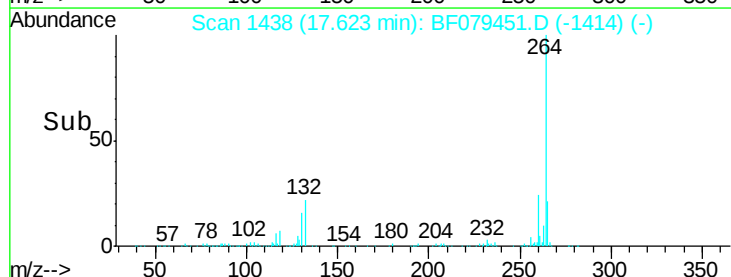
265 21.5 17.2 25.8

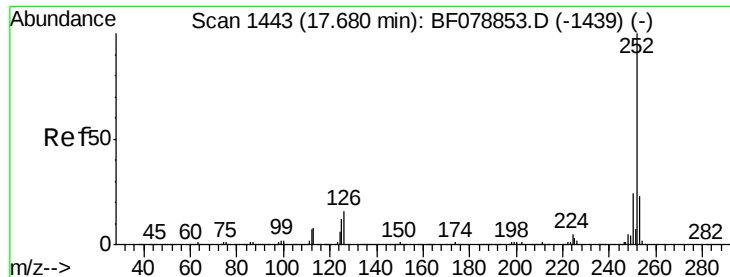


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

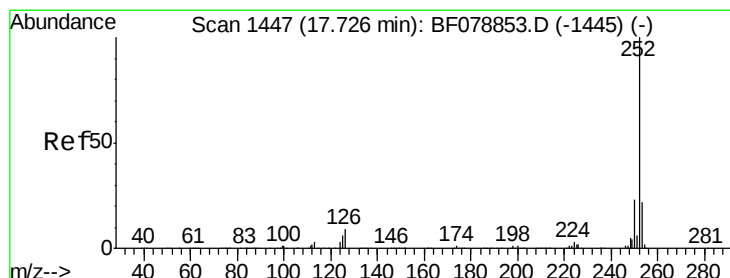
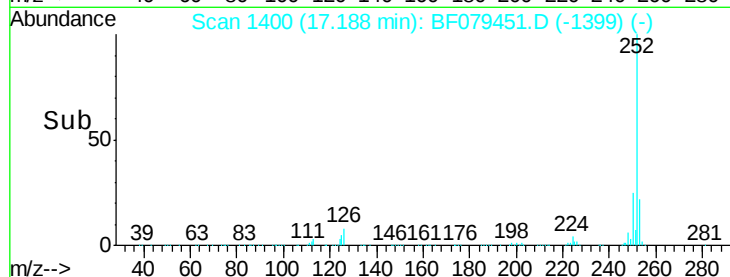
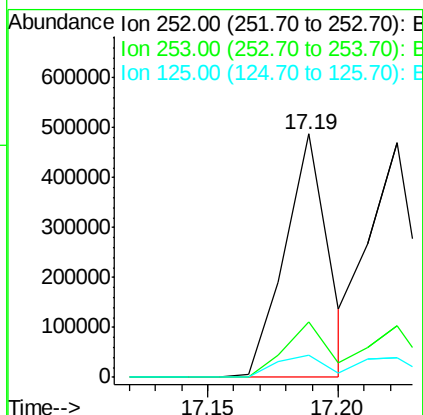
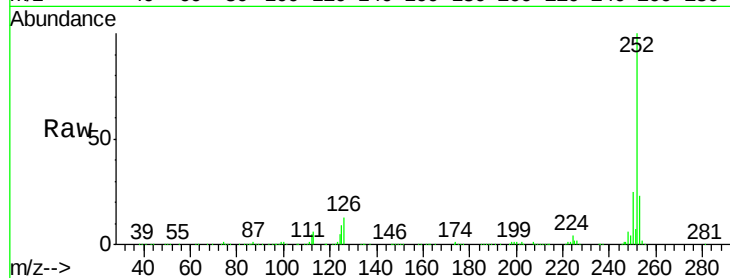




#87
Benzo(b)fluoranthene
Concen: 42.02 ng
RT: 17.19 min Scan# 1400
Delta R.T. -0.17 min
Lab File: BF079451.D
Acq: 22 May 2015 23:49

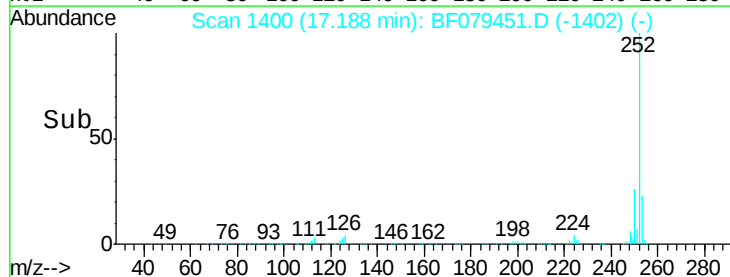
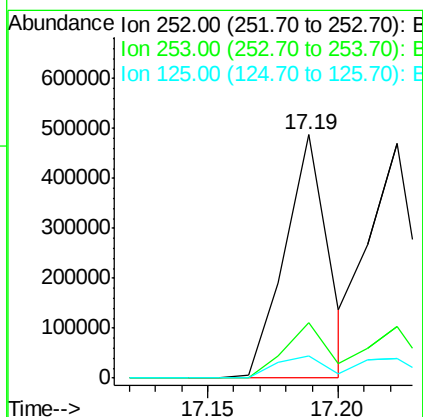
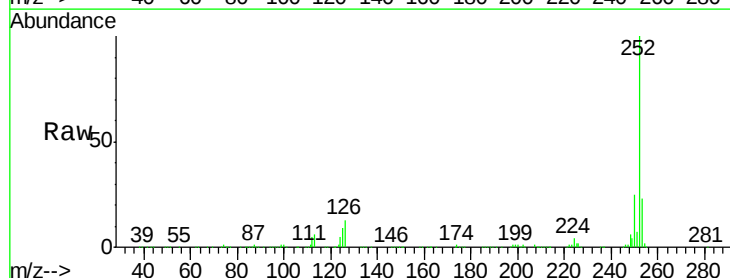
Instrument :
BNA_F
ClientSampleId :
PB83563BS

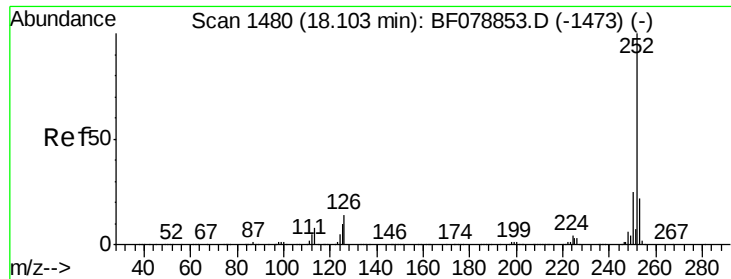
Tgt Ion:252 Resp: 562477
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 9.2 9.4 14.2#



#88
Benzo(k)fluoranthene
Concen: 43.40 ng
RT: 17.19 min Scan# 1400
Delta R.T. -0.21 min
Lab File: BF079451.D
Acq: 22 May 2015 23:49

Tgt Ion:252 Resp: 562477
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 9.2 6.1 9.1#





#89

Benzo(a)pyrene

Concen: 45.92 ng

RT: 17.57 min Scan# 1433

Delta R.T. -0.21 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB83563BS

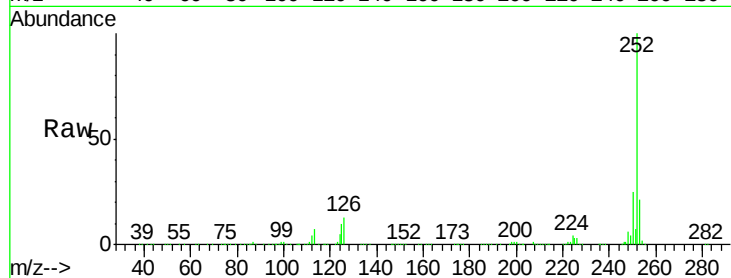
Tgt Ion:252 Resp: 565993

Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

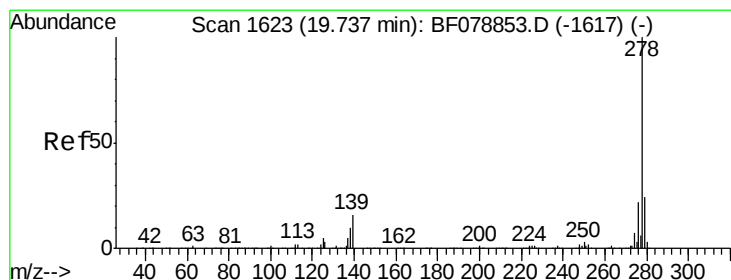
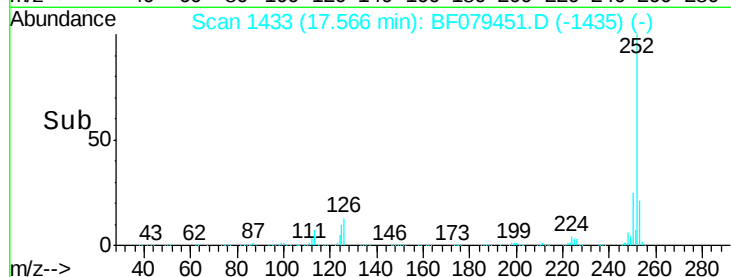
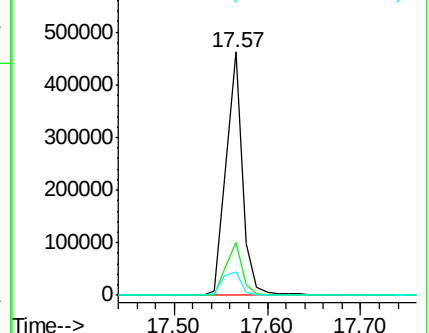
125 9.5 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.53 ng

RT: 18.98 min Scan# 1557

Delta R.T. -0.29 min

Lab File: BF079451.D

Acq: 22 May 2015 23:49

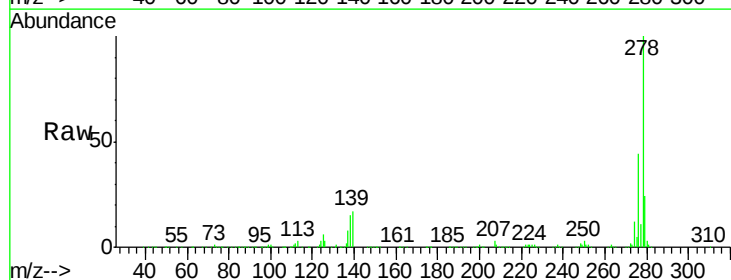
Tgt Ion:278 Resp: 557171

Ion Ratio Lower Upper

278 100

139 17.1 13.1 19.7

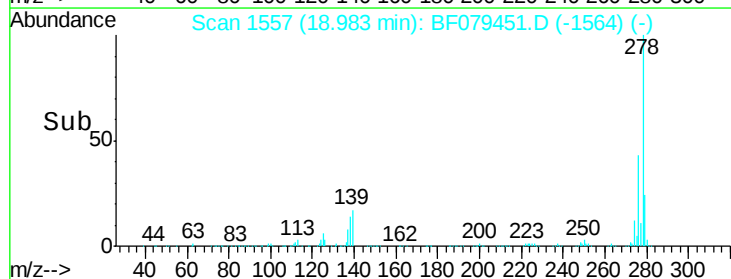
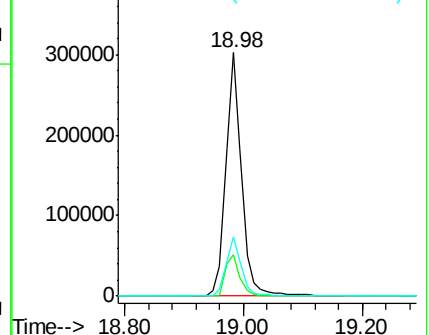
279 24.1 19.1 28.7

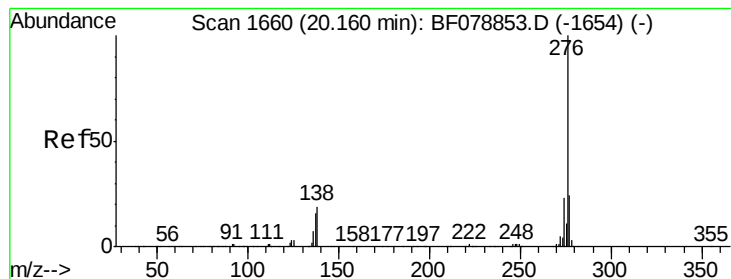


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.79 ng

RT: 19.35 min Scan# 1589

Delta R.T. -0.30 min

Lab File: BF079451.D

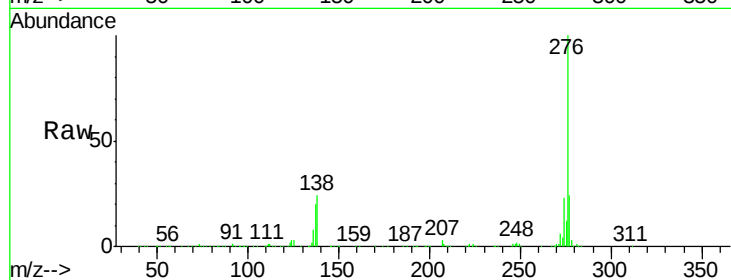
Acq: 22 May 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB83563BS



Tgt Ion:	276	Resp:	574917
Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	23.5	15.2	22.8#

