

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051515\
 Data File : BF079274.D
 Acq On : 15 May 2015 17:17
 Operator : TP/IZ
 Sample : PB83262BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83262BS

Quant Time: May 15 23:18:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 22:54:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	65633	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	273854	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	129898	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	245574	20.00	ng	0.00
75) Chrysene-d12	16.07	240	236920	20.00	ng	-0.02
86) Perylene-d12	17.85	264	231248	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.74	99	551206	109.37	ng	-0.01
23) Nitrobenzene-d5	7.87	82	310667	65.20	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	161842	115.17	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	626737	67.22	ng	0.00
78) Terphenyl-d14	14.77	244	696706	70.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.76	93	127683	17.95	ng	# 4
8) 2-Chlorophenol	6.91	128	149876	34.66	ng	# 82
9) Benzaldehyde	6.63	77	28422	8.37	ng	96
10) Phenol	6.76	94	206557	35.33	ng	73
11) bis(2-Chloroethyl)ether	6.87	93	142360	33.21	ng	90
12) 1,3-Dichlorobenzene	7.10	146	160195	32.96	ng	# 92
13) 1,4-Dichlorobenzene	7.20	146	166216	33.23	ng	100
14) 1,2-Dichlorobenzene	7.38	146	160421	34.45	ng	99
15) Benzyl Alcohol	7.36	79	120776	32.28	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.54	45	212570	32.42	ng	97
17) 2-Methylphenol	7.51	107	119755	34.41	ng	93
18) Hexachloroethane	7.79	117	57968	33.64	ng	# 85
19) n-Nitroso-di-n-propylamine	7.69	70	108787	31.96	ng	# 92
20) 3+4-Methylphenols	7.70	107	162854	35.12	ng	# 47
22) Acetophenone	7.69	105	219468	35.47	ng	# 85
24) Nitrobenzene	7.90	77	160445	33.97	ng	# 83
25) Isophorone	8.19	82	289920	32.82	ng	95
26) 2-Nitrophenol	8.28	139	71061	36.35	ng	# 85
27) 2,4-Dimethylphenol	8.35	122	141436	36.16	ng	96
28) bis(2-Chloroethoxy)methane	8.48	93	185637	34.09	ng	99
29) 2,4-Dichlorophenol	8.58	162	128928	37.06	ng	99
30) 1,2,4-Trichlorobenzene	8.68	180	128446	33.61	ng	99
31) Naphthalene	8.78	128	436424	33.45	ng	100
32) Benzoic acid	8.47	122	66570	29.91	ng	97
33) 4-Chloroaniline	8.86	127	97854	17.72	ng	# 93
34) Hexachlorobutadiene	8.94	225	73041	33.19	ng	97
35) Caprolactam	9.28	113	37387	33.24	ng	92
36) 4-Chloro-3-methylphenol	9.47	107	132239	36.19	ng	94
37) 2-Methylnaphthalene	9.63	142	304632	33.69	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	120137	32.84	ng	98
40) Hexachlorocyclopentadiene	9.83	237	111203	60.45	ng	95
42) 2,4,6-Trichlorophenol	10.00	196	85243	33.89	ng	96
43) 2,4,5-Trichlorophenol	10.04	196	90752	35.69	ng	99
45) 1,1'-Biphenyl	10.23	154	356630	34.54	ng	99

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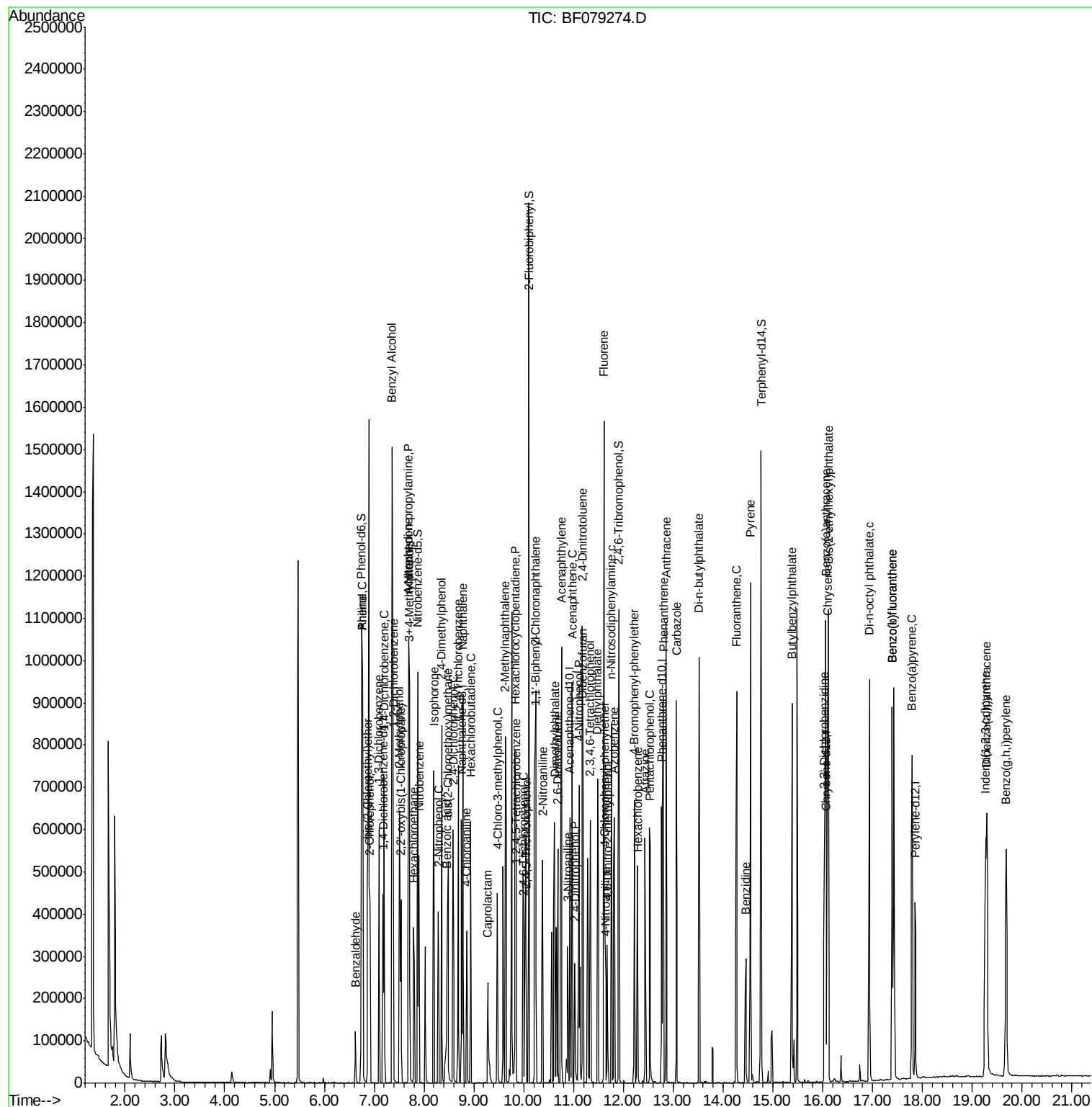
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	10.24	162	273551	33.96	ng	98
47) 2-Nitroaniline	10.38	65	85038	36.44	ng #	67
48) Acenaphthylene	10.75	152	468447	35.42	ng	98
49) Dimethylphthalate	10.62	163	330021	34.62	ng	98
50) 2,6-Dinitrotoluene	10.68	165	69310	36.84	ng #	76
51) Acenaphthene	10.97	154	266852	33.83	ng	99
52) 3-Nitroaniline	10.88	138	57196	24.34	ng	96
53) 2,4-Dinitrophenol	11.03	184	54183	72.54	ng #	51
54) Dibenzofuran	11.19	168	402049	35.29	ng	94
55) 4-Nitrophenol	11.11	139	121482	65.31	ng #	78
56) 2,4-Dinitrotoluene	11.18	165	87837	35.31	ng #	52
57) Fluorene	11.61	166	331727	35.48	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.34	232	73527	35.39	ng	98
59) Diethylphthalate	11.48	149	318860	33.76	ng	98
60) 4-Chlorophenyl-phenylether	11.62	204	142315	34.31	ng #	85
61) 4-Nitroaniline	11.65	138	75744	32.21	ng	86
62) Azobenzene	11.82	77	330034	35.46	ng	90
64) 4,6-Dinitro-2-methylphenol	11.68	198	38325	40.13	ng #	39
65) n-Nitrosodiphenylamine	11.76	169	276928	33.86	ng	100
66) 4-Bromophenyl-phenylether	12.22	248	87847	34.32	ng	93
67) Hexachlorobenzene	12.29	284	101116	34.56	ng #	66
68) Atrazine	12.43	200	74920	31.50	ng	98
69) Pentachlorophenol	12.54	266	102529	61.62	ng	99
70) Phenanthrene	12.80	178	469436	34.17	ng	99
71) Anthracene	12.86	178	463439	34.39	ng	99
72) Carbazole	13.06	167	434653	33.84	ng	99
73) Di-n-butylphthalate	13.52	149	528907	34.33	ng	99
74) Fluoranthene	14.27	202	500449	34.96	ng	93
76) Benzidine	14.46	184	160541	25.14	ng	97
77) Pyrene	14.55	202	506661	37.11	ng	99
79) Butylbenzylphthalate	15.38	149	226572	37.97	ng	99
80) Benzo(a)anthracene	16.06	228	468492	36.11	ng	98
81) 3,3'-Dichlorobenzidine	16.03	252	144701	31.31	ng	98
82) Chrysene	16.10	228	420778	33.72	ng	99
83) Bis(2-ethylhexyl)phthalate	16.11	149	334588	37.02	ng	99
84) Di-n-octyl phthalate	16.94	149	552734	34.72	ng	97
85) Indeno(1,2,3-cd)pyrene	19.27	276	515629	32.43	ng	99
87) Benzo(b)fluoranthene	17.39	252	437034	34.53	ng #	96
88) Benzo(k)fluoranthene	17.39	252	437034	35.67	ng	99
89) Benzo(a)pyrene	17.79	252	435654	37.38	ng	97
90) Dibenzo(a,h)anthracene	19.29	278	425590	34.36	ng	98
91) Benzo(g,h,i)perylene	19.68	276	437939	35.28	ng	97

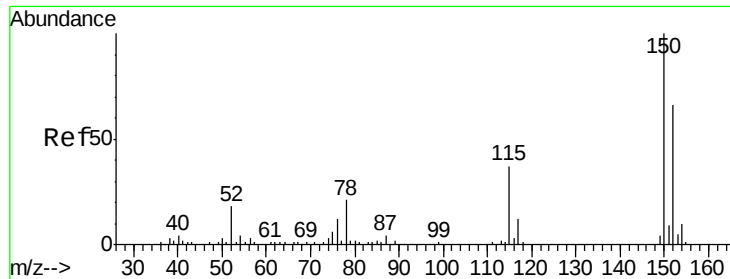
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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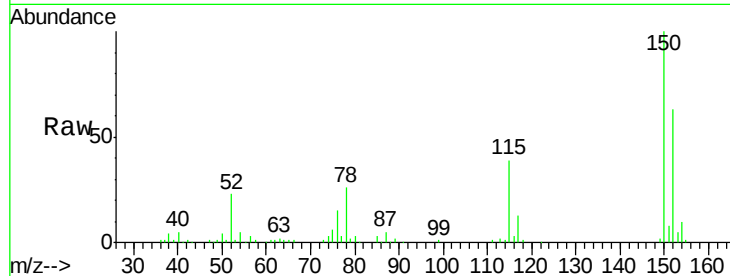




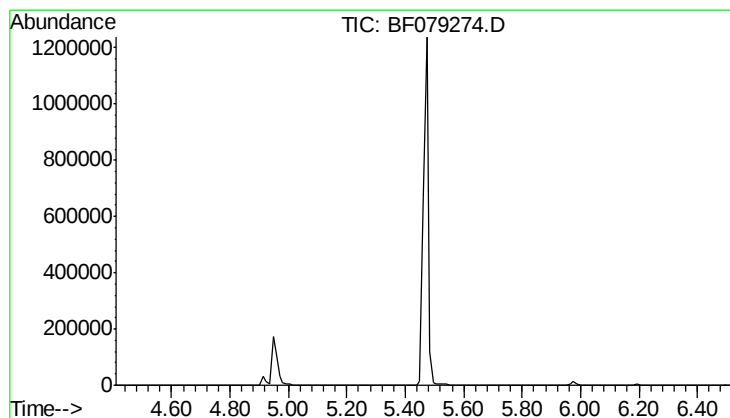
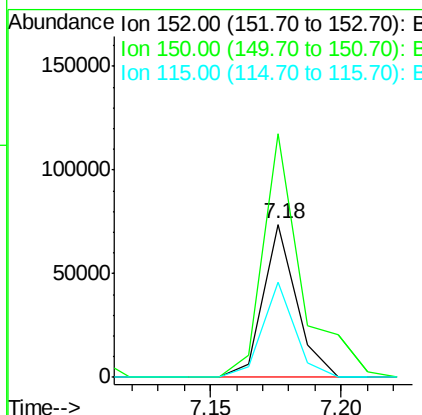
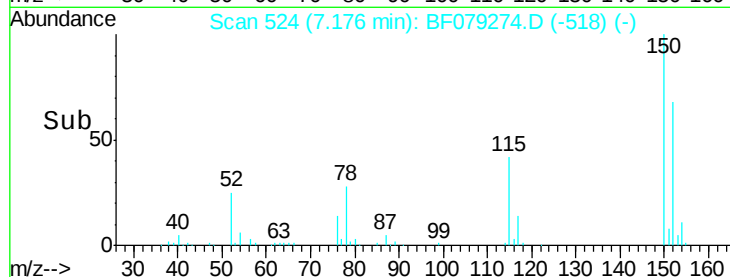
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83262BS

Tgt Ion	Resp	Lower	Upper
152	100		
150	159.4	123.8	185.8
115	62.0	49.4	74.0

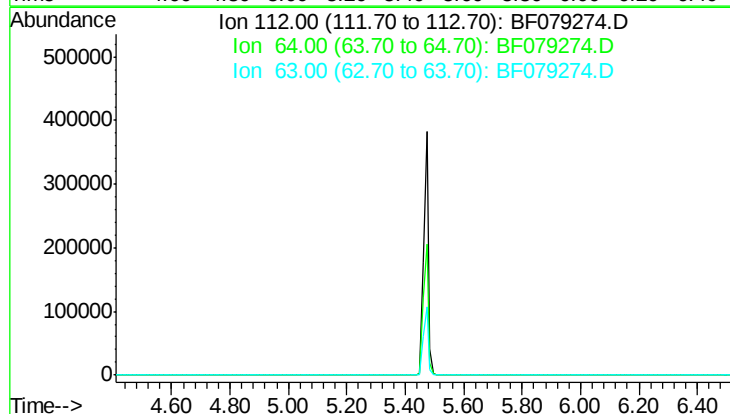


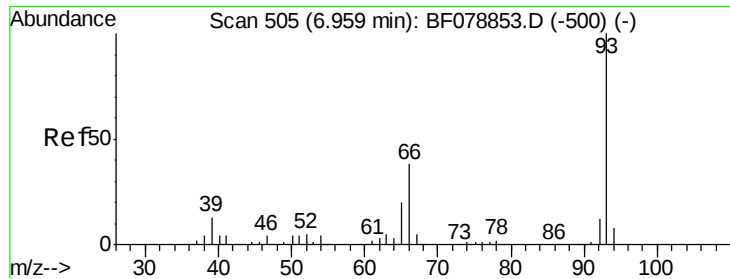
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.46 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Tgt Ion	Exp Ratio
112	100
64	55.2
63	28.4





#6

Aniline

Concen: 17.95 ng

RT: 6.76 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83262BS

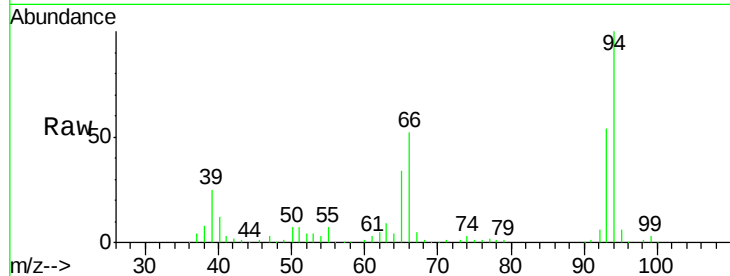
Tgt Ion: 93 Resp: 127683

Ion Ratio Lower Upper

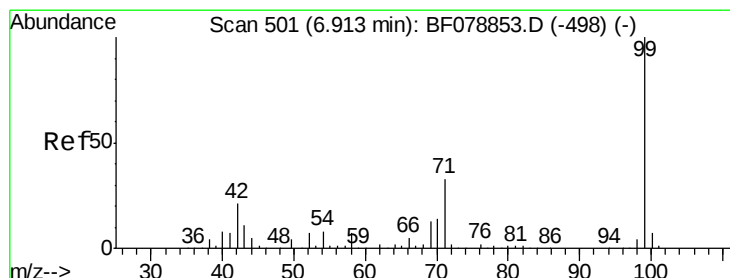
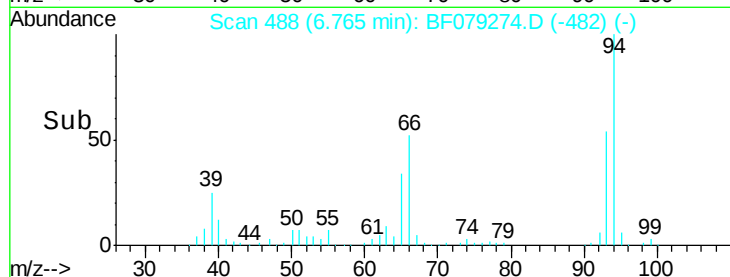
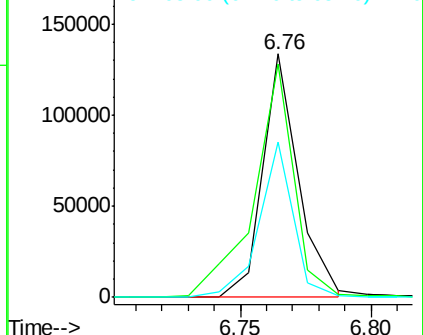
93 100

66 96.0 30.7 46.1#

65 63.9 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: 109.37 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

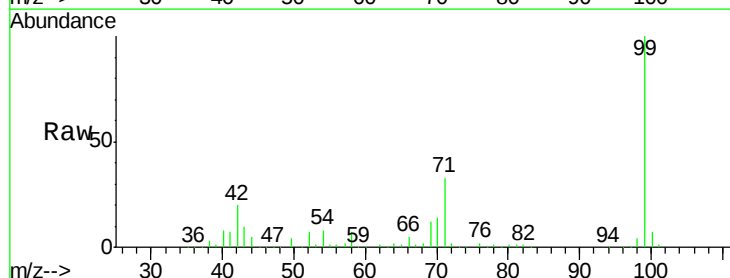
Tgt Ion: 99 Resp: 551206

Ion Ratio Lower Upper

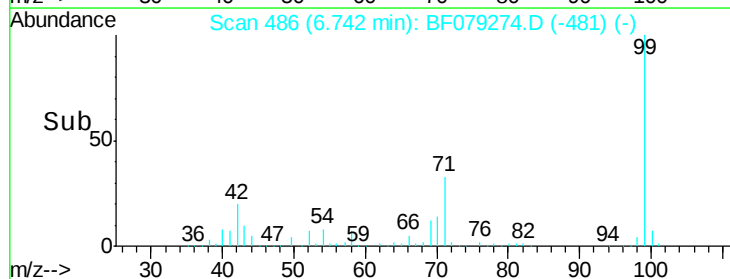
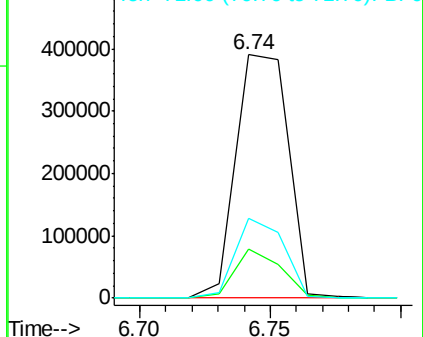
99 100

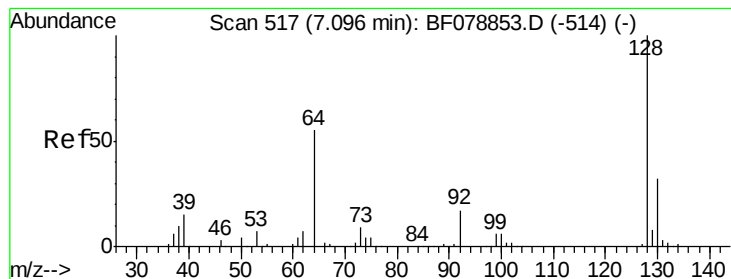
42 20.0 17.1 25.7

71 32.6 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: 34.66 ng

RT: 6.91 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF079274.D

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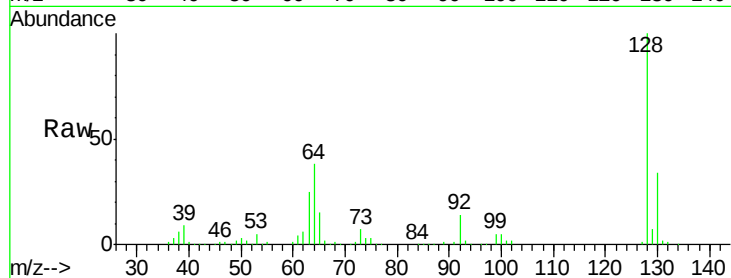
Tgt Ion:128 Resp: 149876

Ion Ratio Lower Upper

128 100

130 33.7 12.4 52.4

64 37.7 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

150000

100000

50000

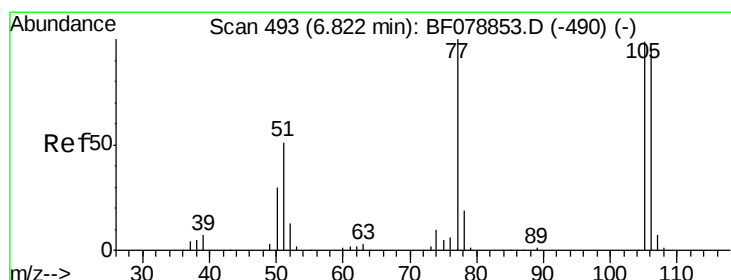
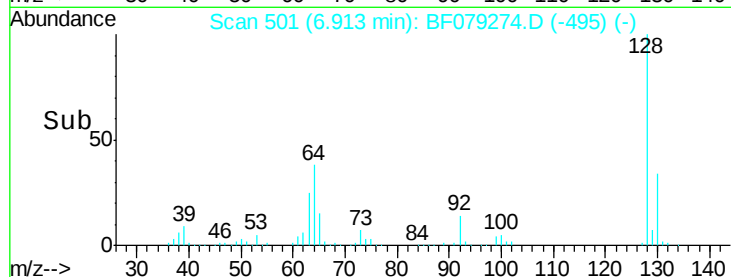
0

6.91

6.90

6.95

Time-->



#9

Benzaldehyde

Concen: 8.37 ng

RT: 6.63 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

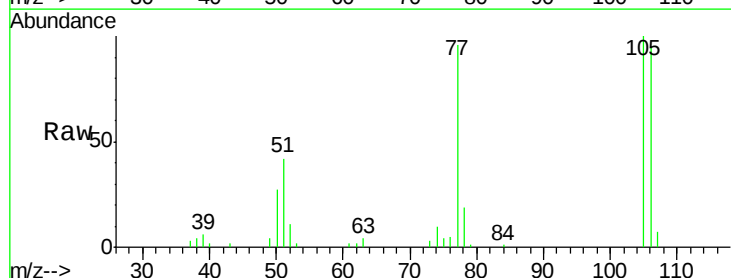
Tgt Ion: 77 Resp: 28422

Ion Ratio Lower Upper

77 100

105 103.7 78.9 118.9

106 98.1 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

30000

20000

10000

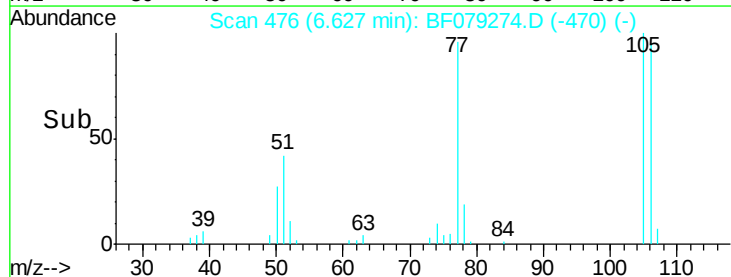
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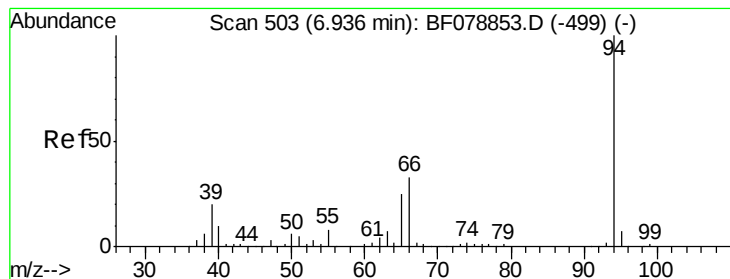
6.63

6.60

6.65

Time-->





#10

Phenol

Concen: 35.33 ng

RT: 6.76 min Scan# 488

Delta R.T. 0.00 min

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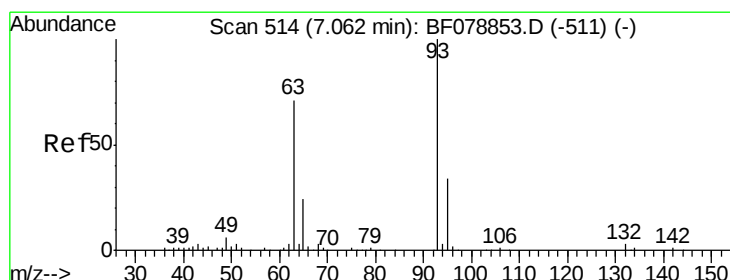
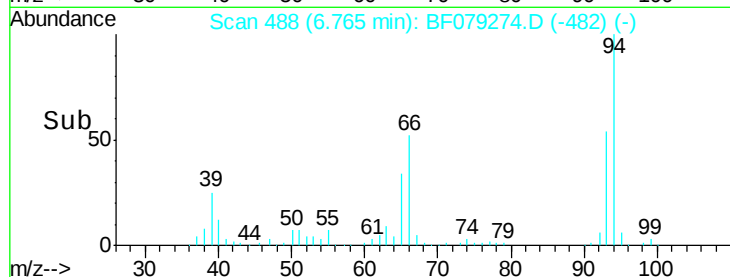
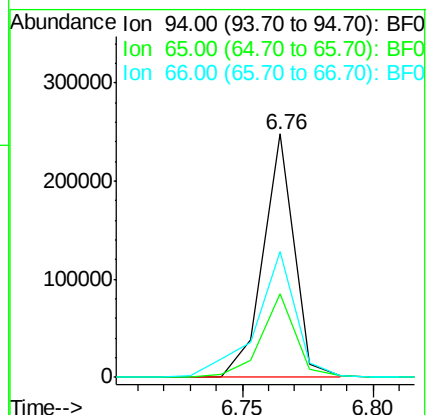
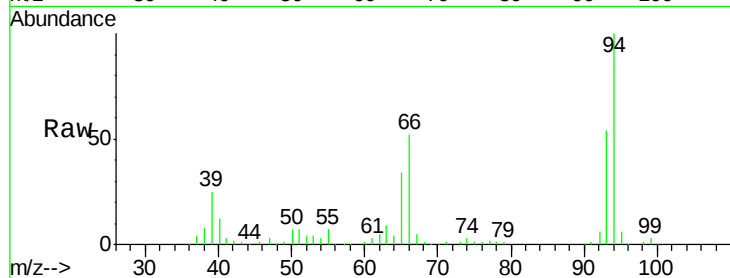
Tgt Ion: 94 Resp: 206557

Ion Ratio Lower Upper

94 100

65 34.4 5.1 45.1

66 51.7 13.1 53.1



#11

bis(2-Chloroethyl)ether

Concen: 33.21 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

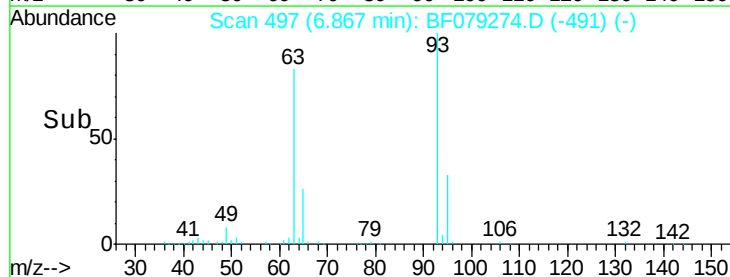
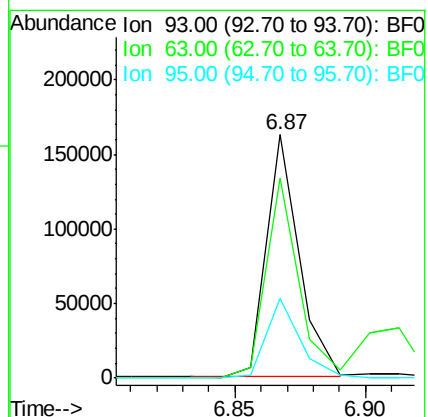
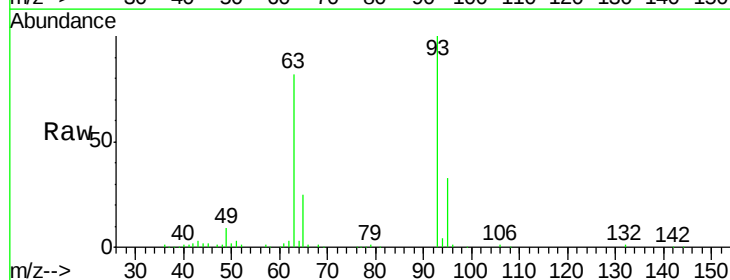
Tgt Ion: 93 Resp: 142360

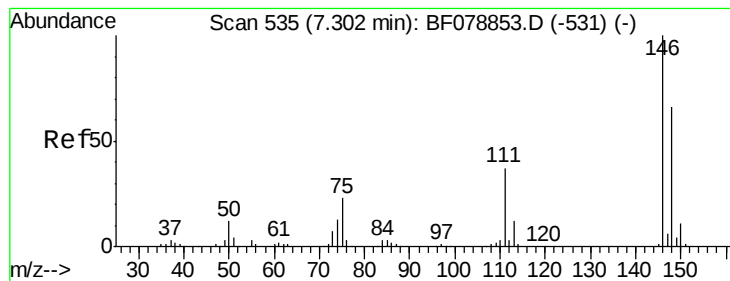
Ion Ratio Lower Upper

93 100

63 82.4 50.8 90.8

95 33.0 13.9 53.9





#12

1,3-Dichlorobenzene

Concen: 32.96 ng

RT: 7.10 min Scan# 517

Delta R.T. -0.01 min

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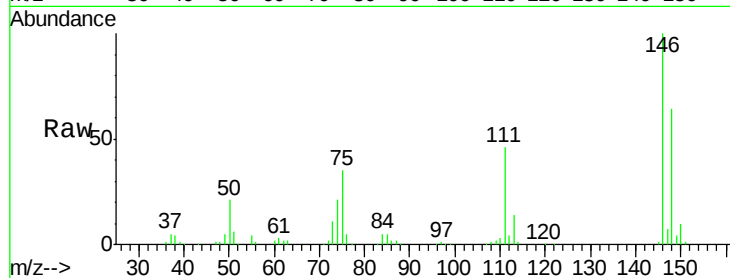
Tgt Ion:146 Resp: 160195

Ion Ratio Lower Upper

146 100

148 63.7 52.4 78.6

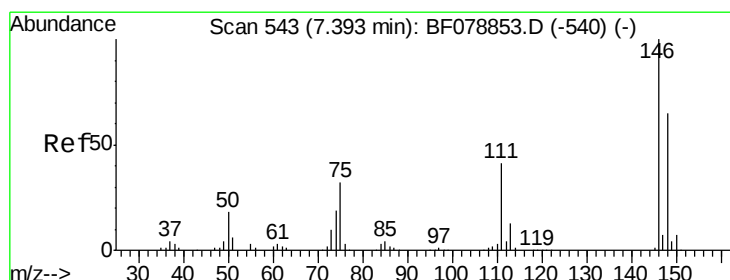
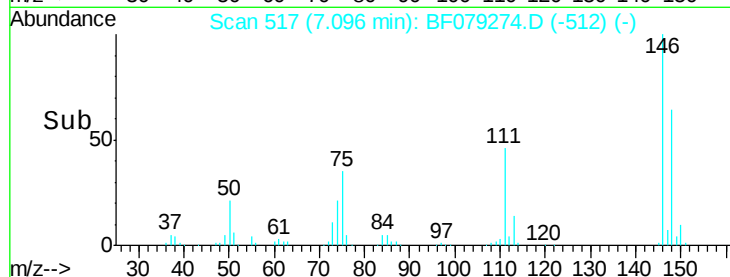
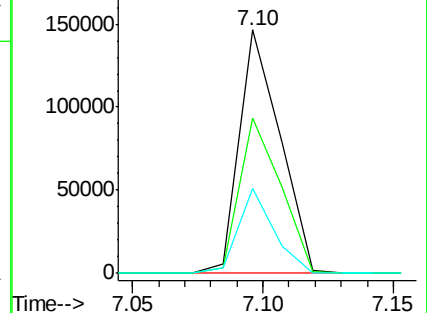
75 34.8 18.6 27.8#



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: 33.23 ng

RT: 7.20 min Scan# 526

Delta R.T. 0.00 min

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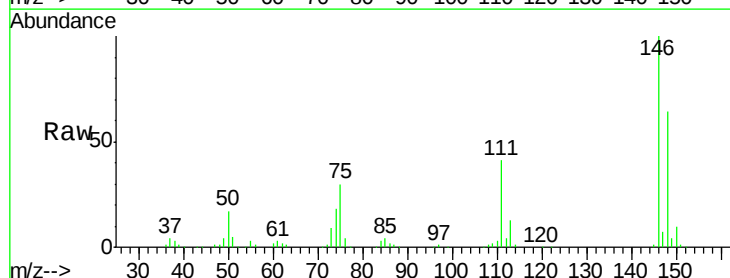
Tgt Ion:146 Resp: 166216

Ion Ratio Lower Upper

146 100

148 64.2 51.7 77.5

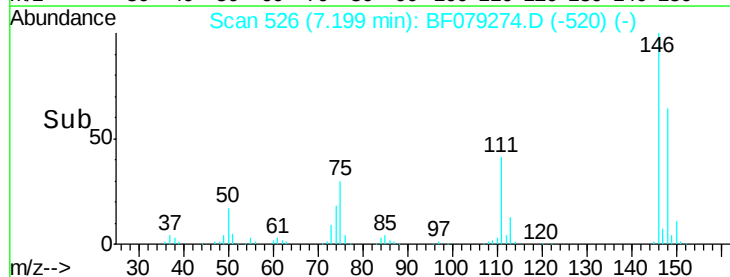
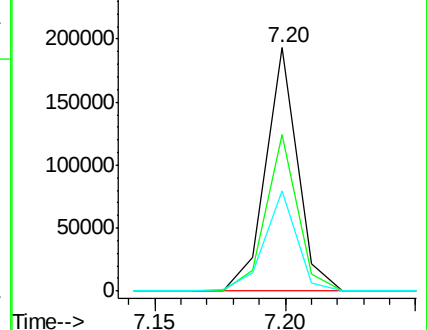
111 41.0 32.8 49.2

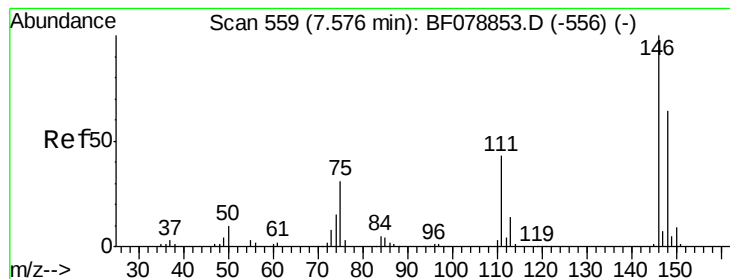


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 34.45 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83262BS

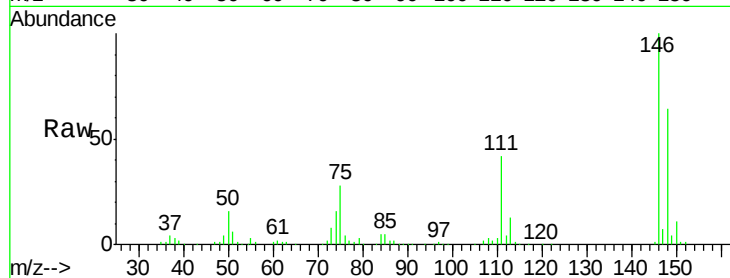
Tgt Ion:146 Resp: 160421

Ion Ratio Lower Upper

146 100

148 63.6 51.1 76.7

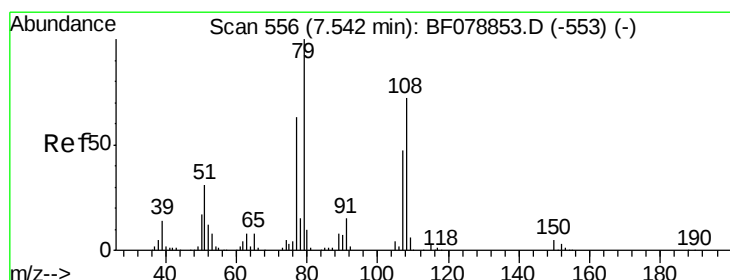
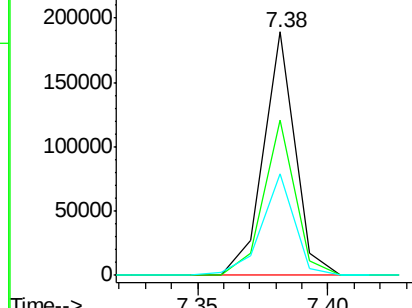
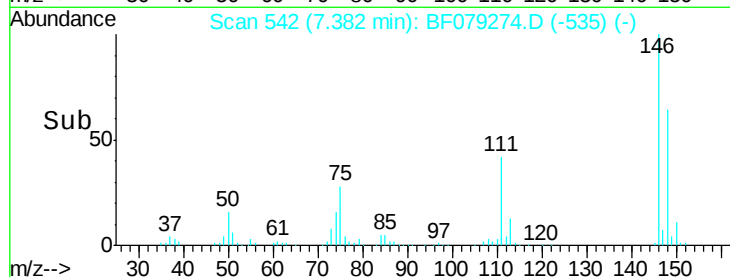
111 41.6 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 32.28 ng

RT: 7.36 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

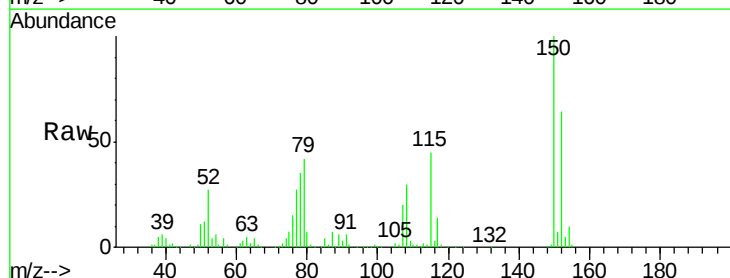
Tgt Ion: 79 Resp: 120776

Ion Ratio Lower Upper

79 100

108 73.2 57.4 86.2

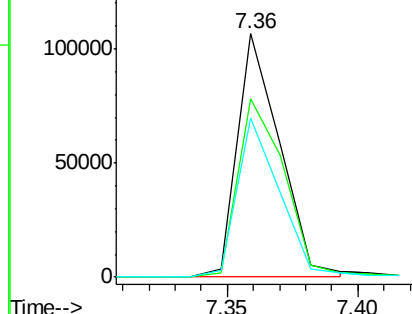
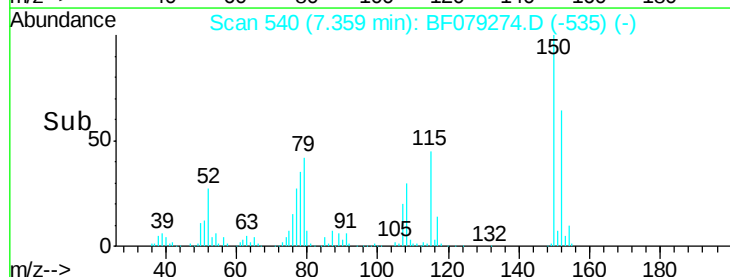
77 65.5 50.2 75.4

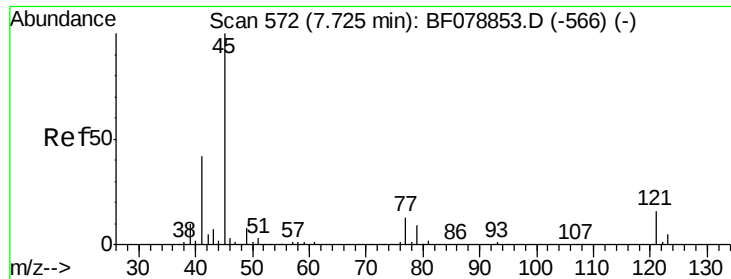


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

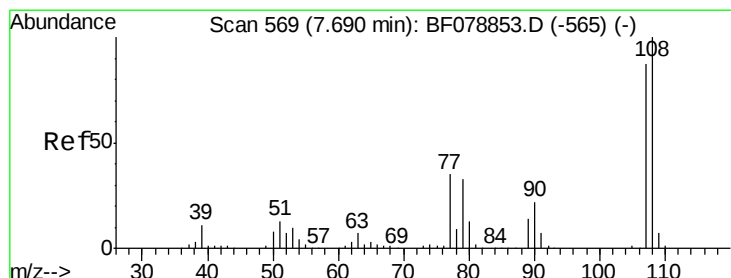
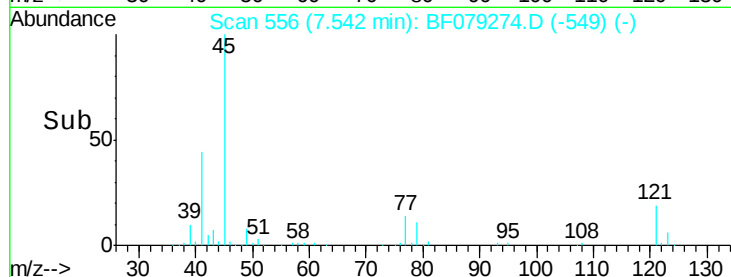
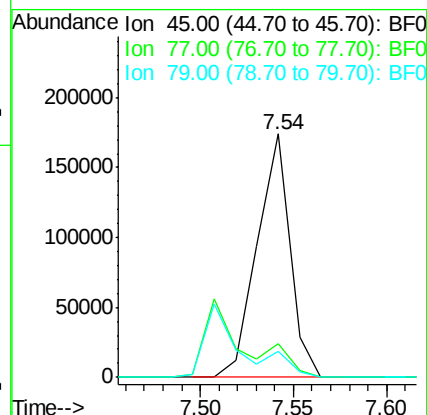
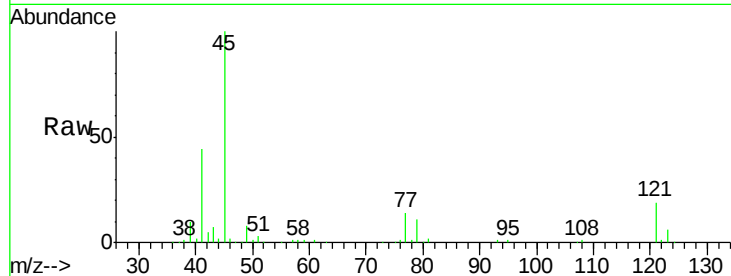




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 32.42 ng
 RT: 7.54 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

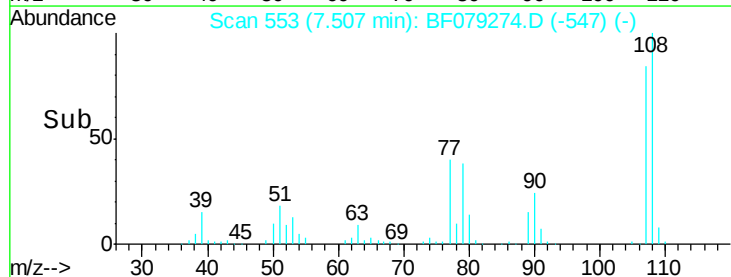
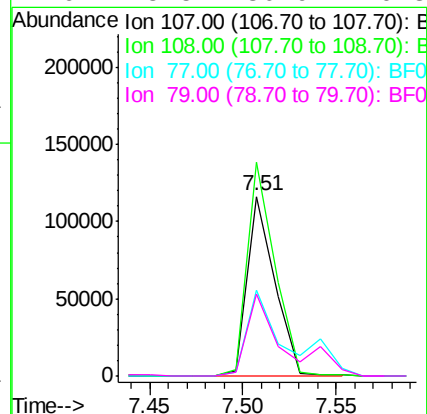
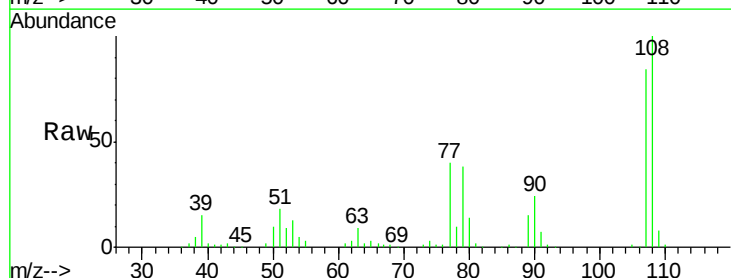
Instrument :
 BNA_F
 ClientSampleId :
 PB83262BS

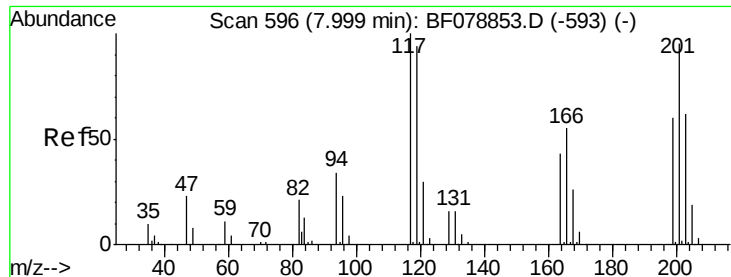
Tgt Ion: 45 Resp: 212570
 Ion Ratio Lower Upper
 45 100
 77 13.7 0.0 32.6
 79 10.9 0.0 29.3



#17
 2-Methylphenol
 Concen: 34.41 ng
 RT: 7.51 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Tgt Ion: 107 Resp: 119755
 Ion Ratio Lower Upper
 107 100
 108 119.0 92.4 138.6
 77 48.1 32.6 49.0
 79 45.5 30.9 46.3

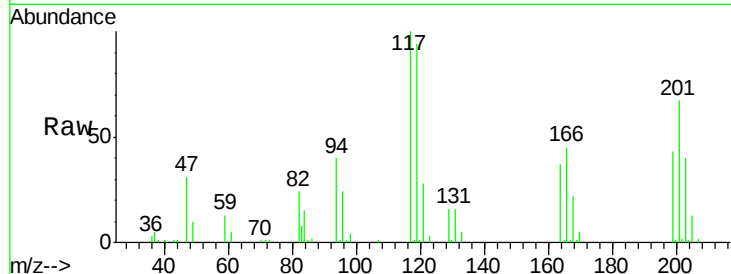




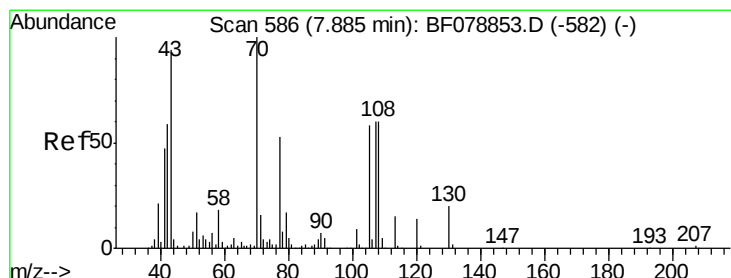
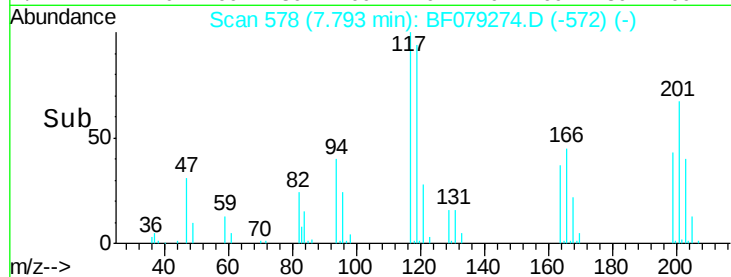
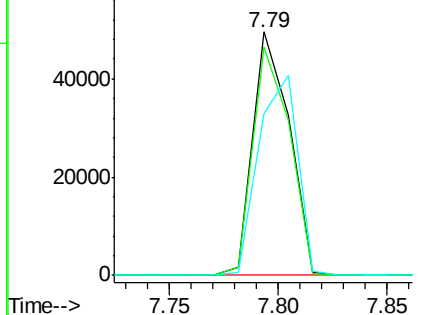
#18
Hexachloroethane
Concen: 33.64 ng
RT: 7.79 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF079274.D
Acq: 15 May 2015 17:17

Instrument :
BNA_F
ClientSampleId :
PB83262BS

Tgt Ion: 117 Resp: 57968
Ion Ratio Lower Upper
117 100
119 93.6 75.2 112.8
201 66.6 75.8 113.8#

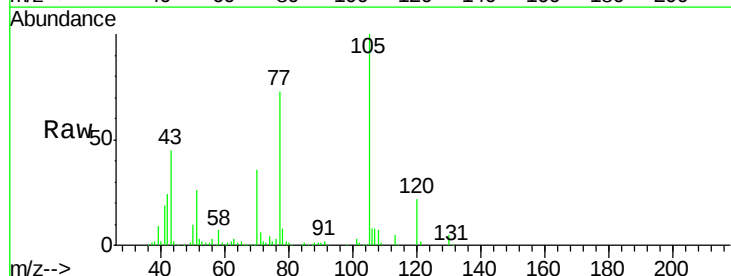


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

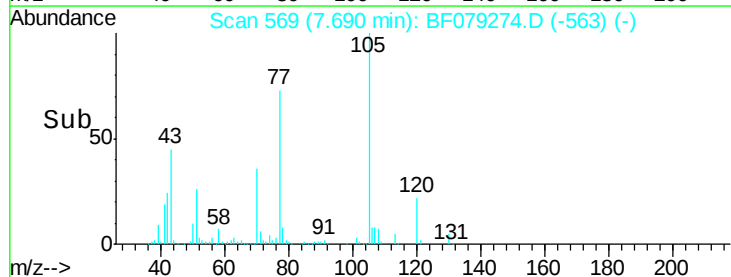
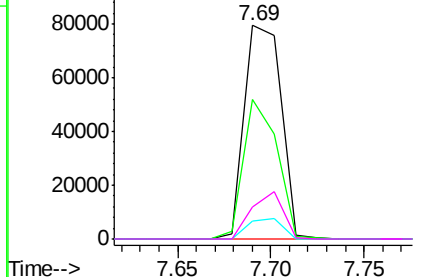


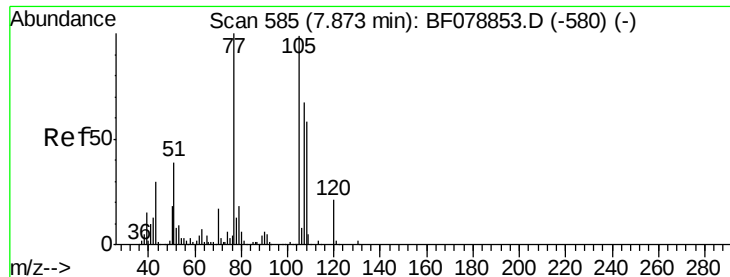
#19
n-Nitroso-di-n-propylamine
Concen: 31.96 ng
RT: 7.69 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF079274.D
Acq: 15 May 2015 17:17

Tgt Ion: 70 Resp: 108787
Ion Ratio Lower Upper
70 100
42 65.4 47.3 70.9
101 8.7 7.5 11.3
130 14.9 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

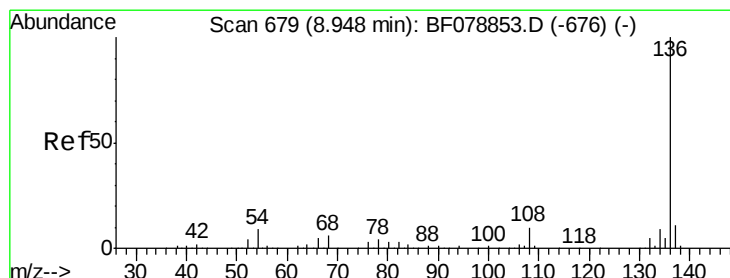
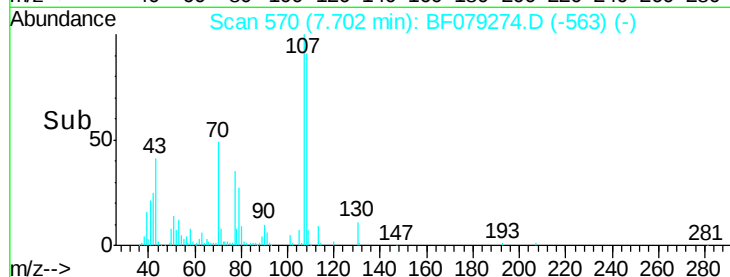
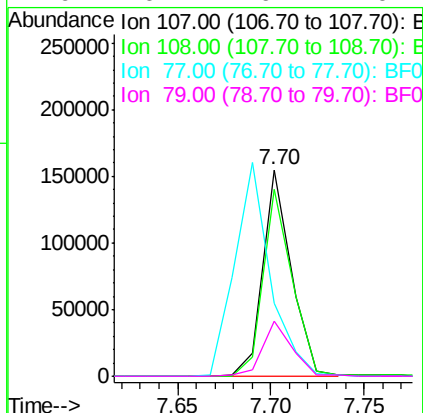
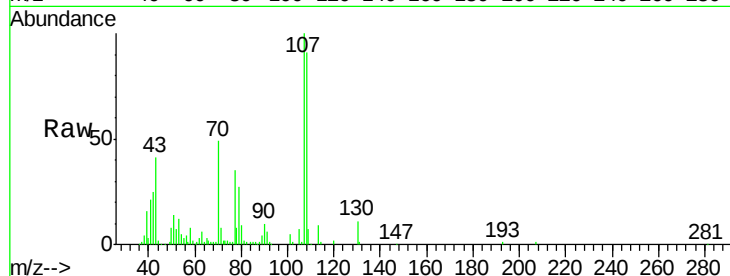




#20
3+4-Methylphenols
Concen: 35.12 ng
RT: 7.70 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF079274.D
Acq: 15 May 2015 17:17

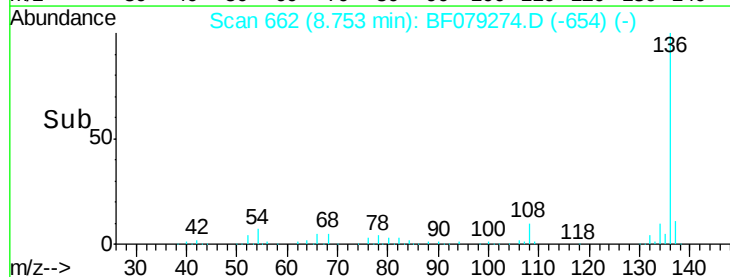
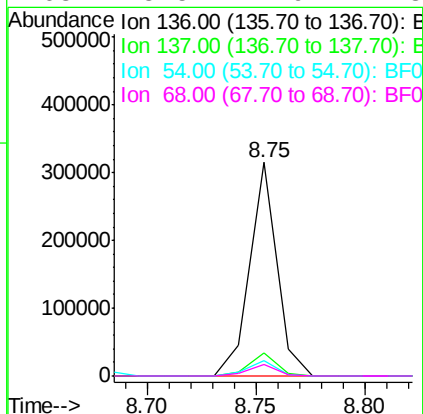
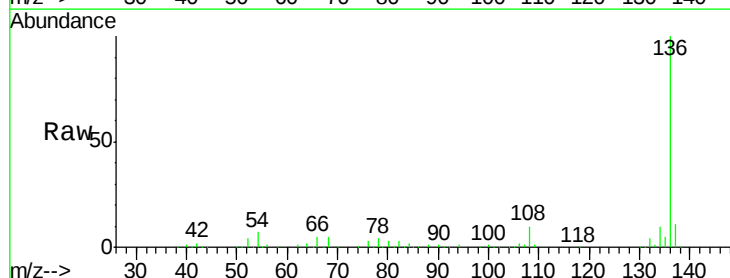
Instrument :
BNA_F
ClientSampleId :
PB83262BS

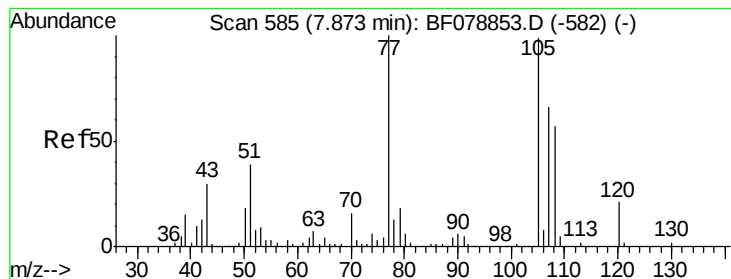
Tgt Ion:	107	Resp:	162854
Ion	Ratio	Lower	Upper
107	100		
108	90.5	66.5	106.5
77	35.2	130.6	170.6#
79	26.7	6.4	46.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF079274.D
Acq: 15 May 2015 17:17

Tgt Ion:	136	Resp:	273854
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.2	6.9	10.3
68	5.5	4.9	7.3





#22

Acetophenone

Concen: 35.47 ng

RT: 7.69 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83262BS

Tgt Ion: 105 Resp: 219468

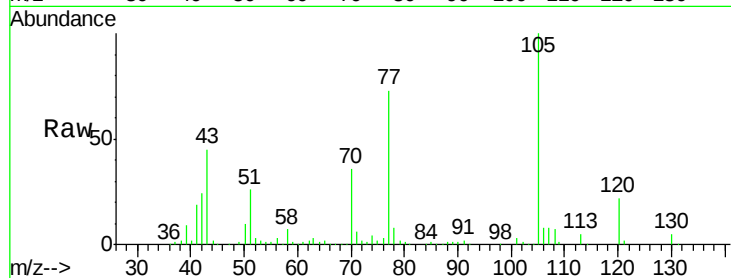
Ion Ratio Lower Upper

105 100

71 6.0 2.2 3.4#

51 25.7 31.1 46.7#

120 22.2 16.7 25.1

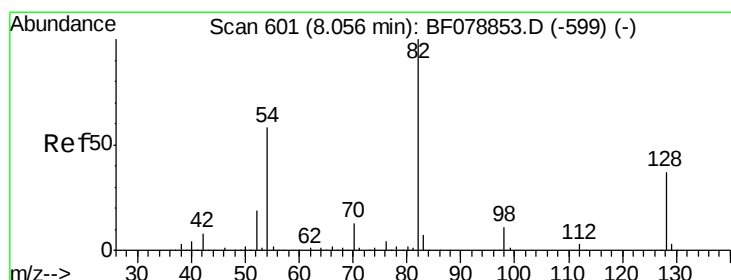
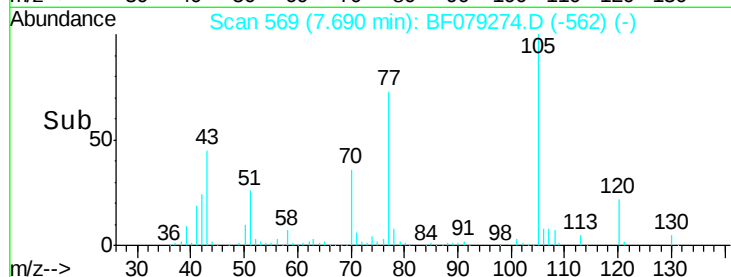
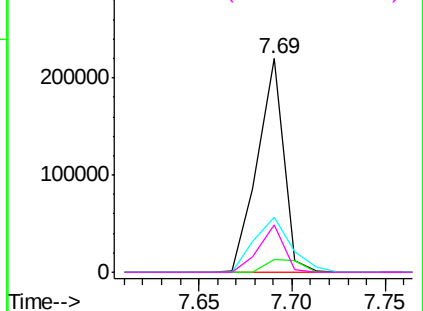


Abundance Ion 105.00 (104.70 to 105.70): E

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: 65.20 ng

RT: 7.87 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

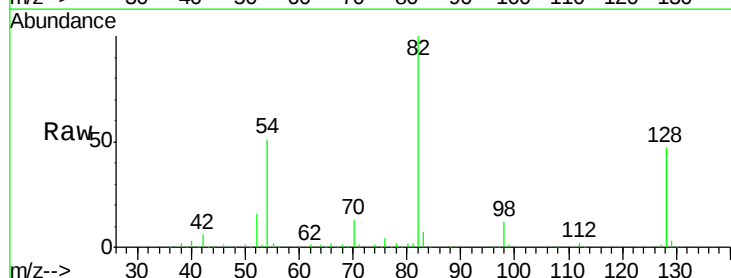
Tgt Ion: 82 Resp: 310667

Ion Ratio Lower Upper

82 100

128 46.7 29.7 44.5#

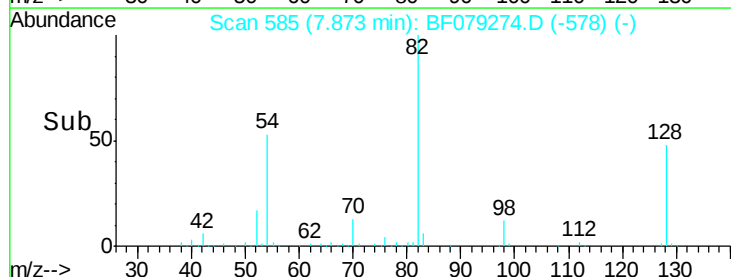
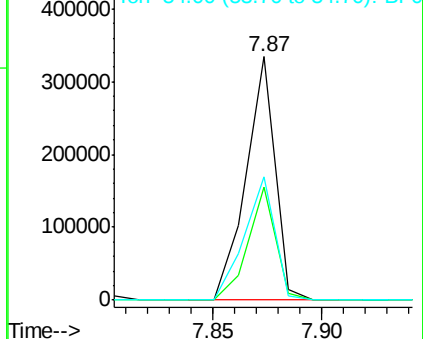
54 50.7 46.2 69.4

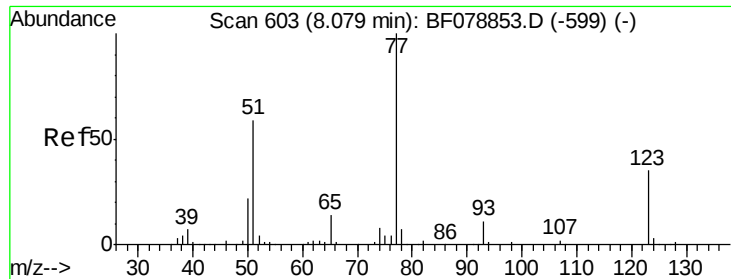


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 33.97 ng

RT: 7.90 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83262BS

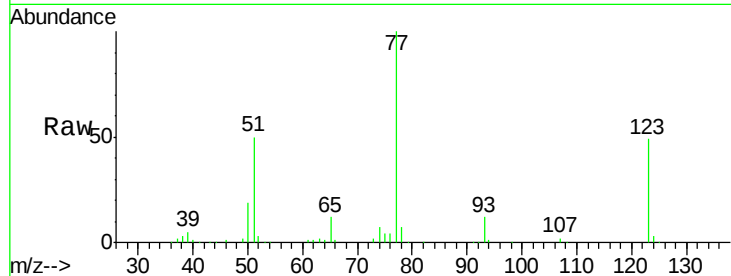
Tgt Ion: 77 Resp: 160445

Ion Ratio Lower Upper

77 100

123 48.7 28.3 42.5#

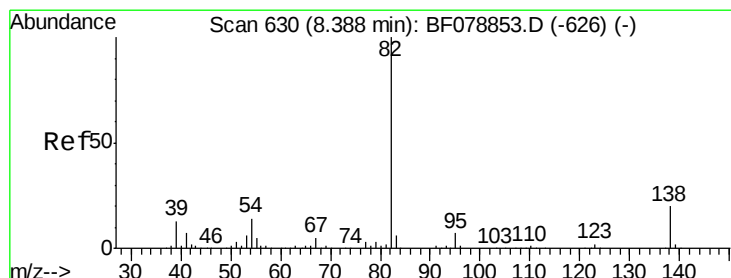
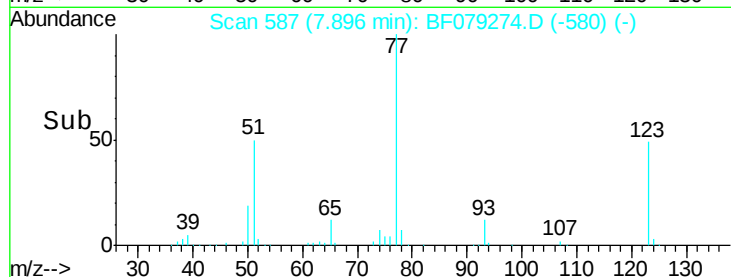
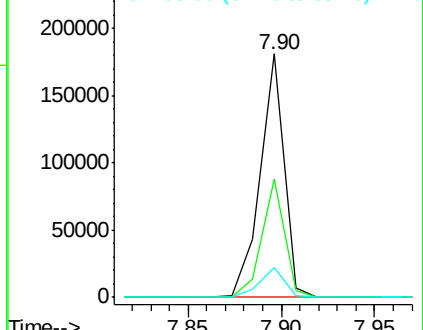
65 12.5 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 32.82 ng

RT: 8.19 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

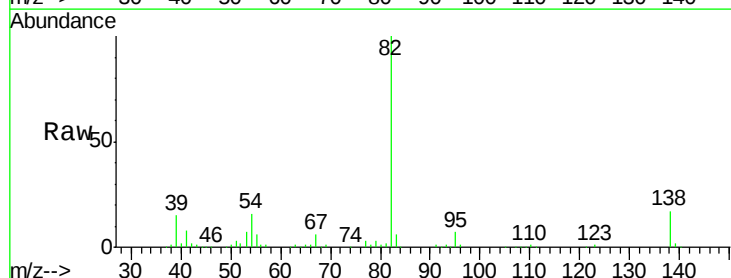
Tgt Ion: 82 Resp: 289920

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

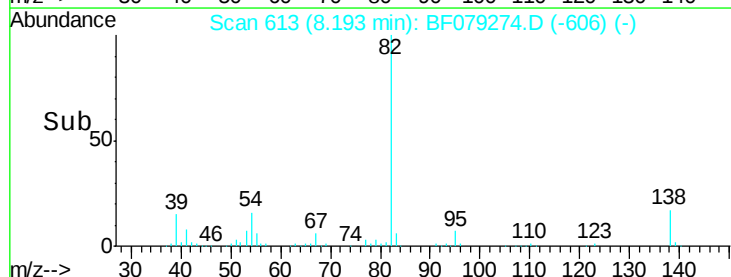
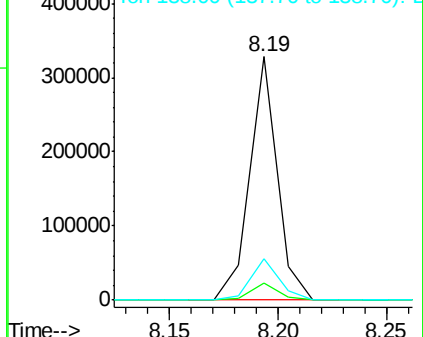
138 17.1 16.1 24.1

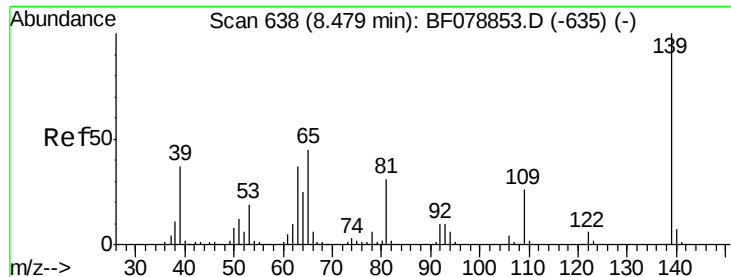


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

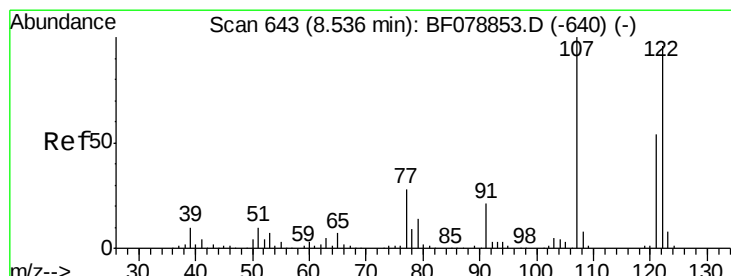
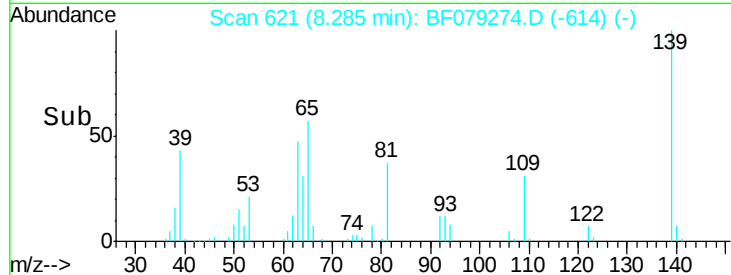
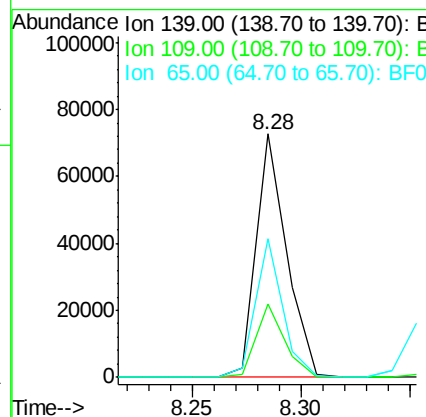
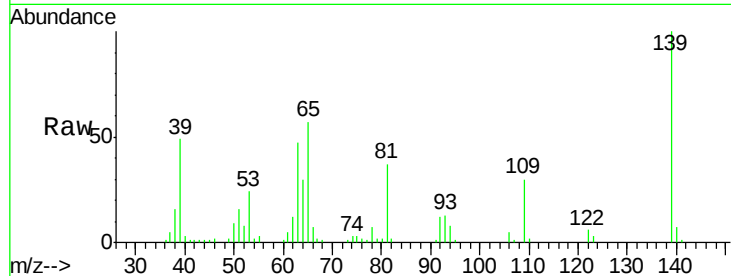




#26
 2-Nitrophenol
 Concen: 36.35 ng
 RT: 8.28 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

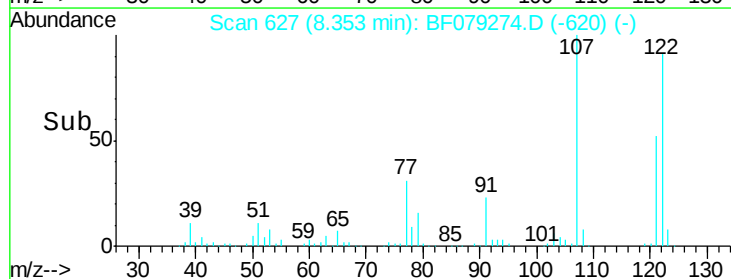
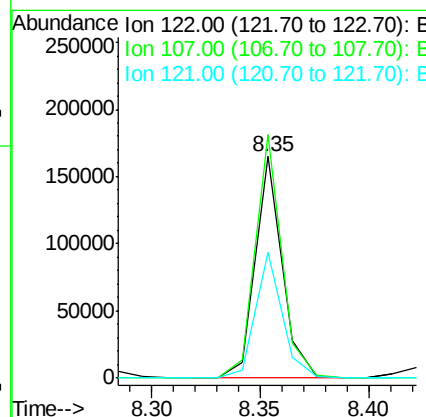
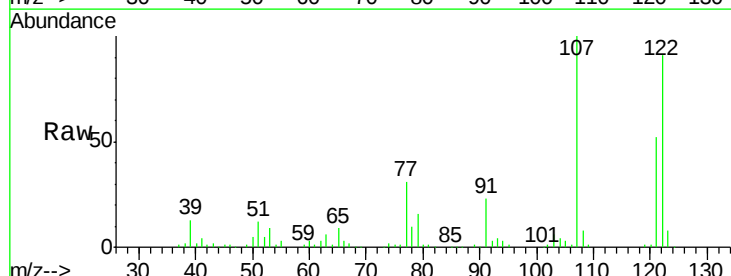
Instrument :
 BNA_F
 ClientSampleID :
 PB83262BS

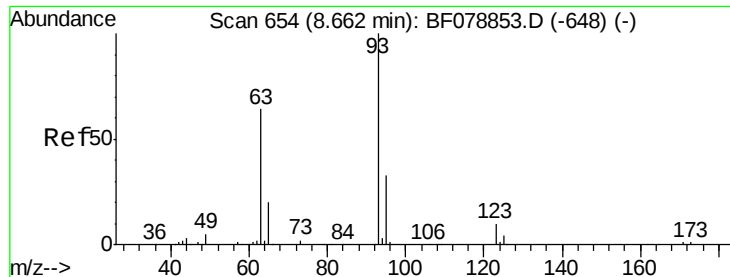
Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.2	20.9	31.3
65	57.1	35.8	53.8



#27
 2,4-Dimethylphenol
 Concen: 36.16 ng
 RT: 8.35 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.0	83.6	125.4
121	57.0	44.9	67.3

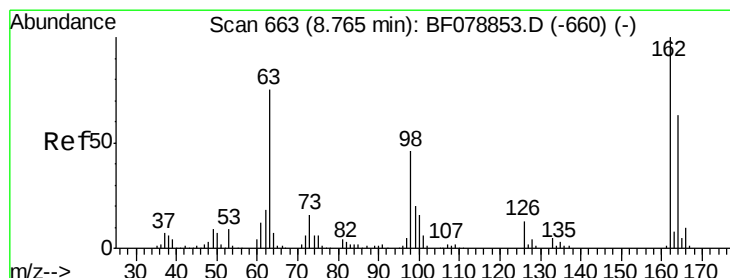
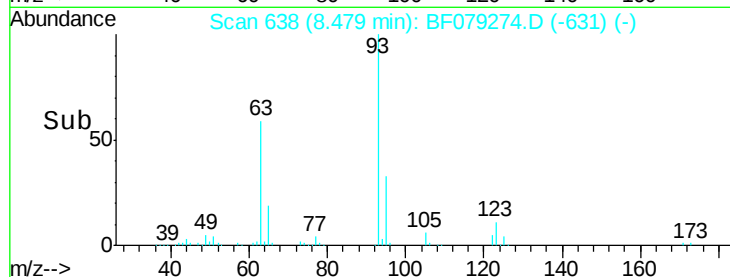
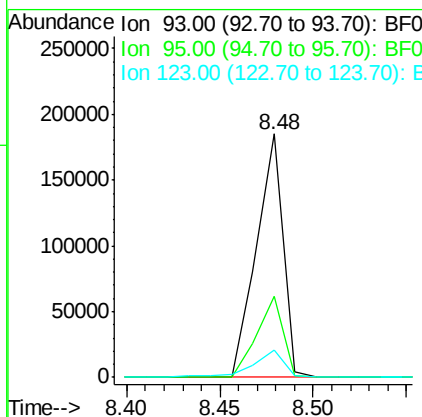
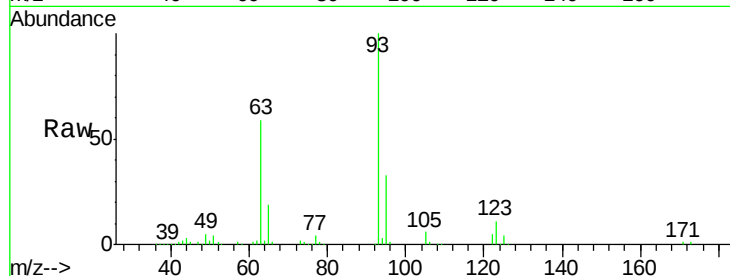




#28
bis(2-Chloroethoxy)methane
Concen: 34.09 ng
RT: 8.48 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF079274.D
Acq: 15 May 2015 17:17

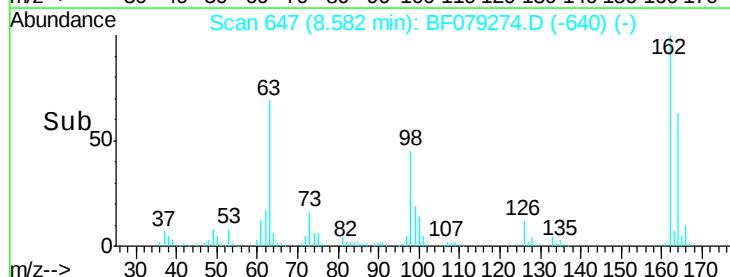
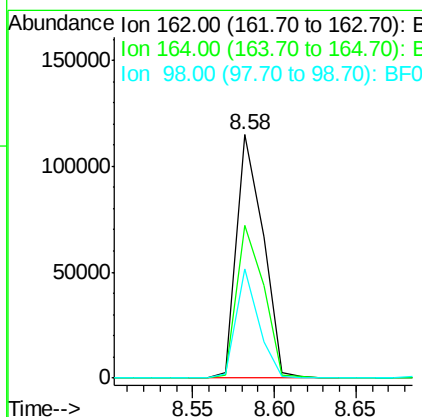
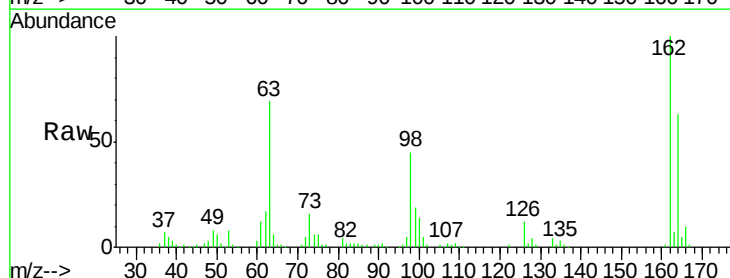
Instrument :
BNA_F
ClientSampleId :
PB83262BS

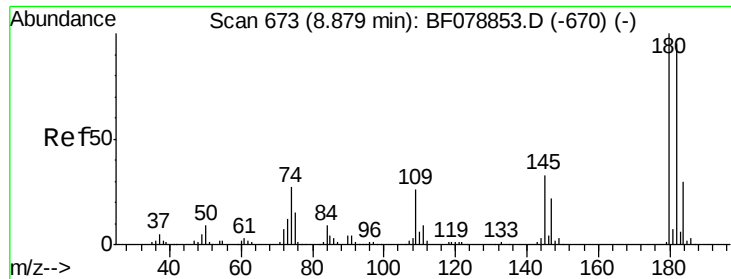
Tgt Ion: 93 Resp: 185637
Ion Ratio Lower Upper
93 100
95 33.4 26.2 39.2
123 11.5 8.6 12.8



#29
2,4-Dichlorophenol
Concen: 37.06 ng
RT: 8.58 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF079274.D
Acq: 15 May 2015 17:17

Tgt Ion: 162 Resp: 128928
Ion Ratio Lower Upper
162 100
164 62.5 42.7 82.7
98 44.8 26.3 66.3

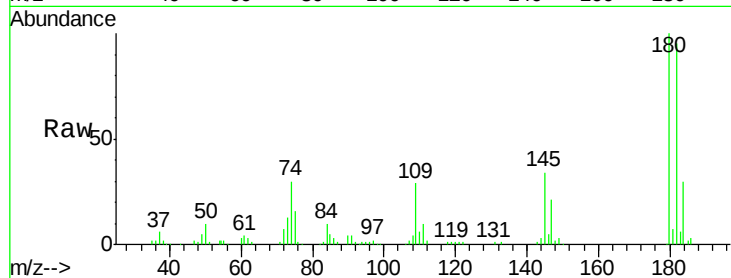




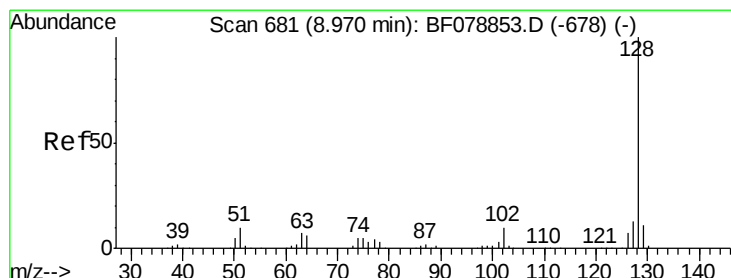
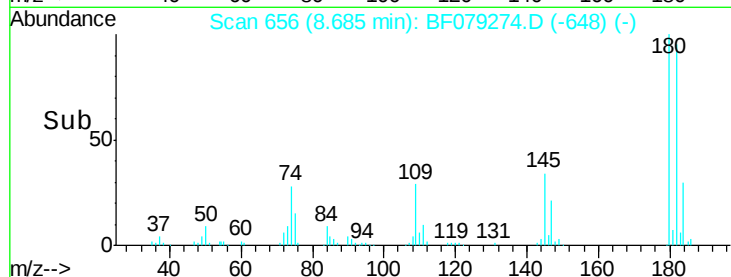
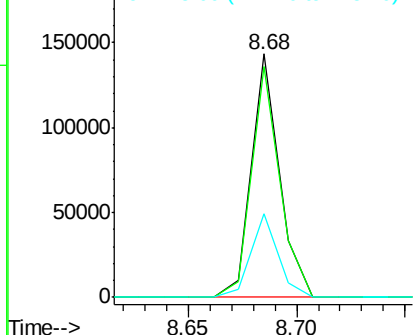
#30
1,2,4-Trichlorobenzene
Concen: 33.61 ng
RT: 8.68 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF079274.D
Acq: 15 May 2015 17:17

Instrument :
BNA_F
ClientSampleId :
PB83262BS

Tgt Ion:180 Resp: 128446
Ion Ratio Lower Upper
180 100
182 94.7 75.7 113.5
145 34.5 26.2 39.4

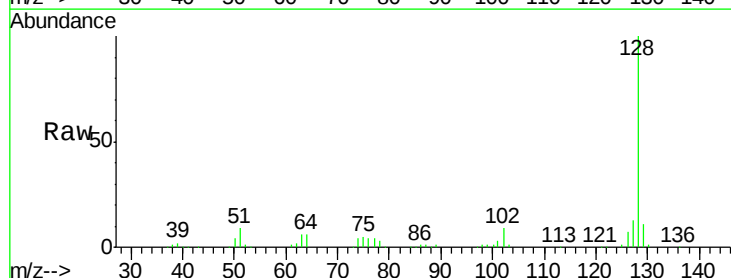


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

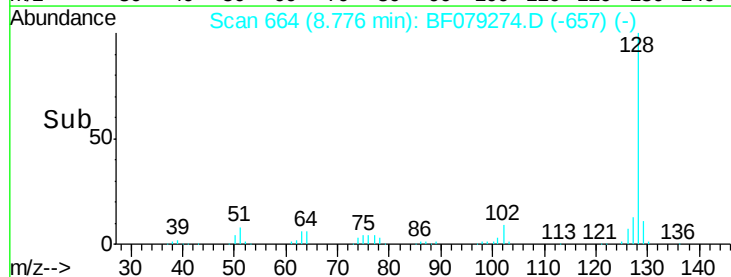
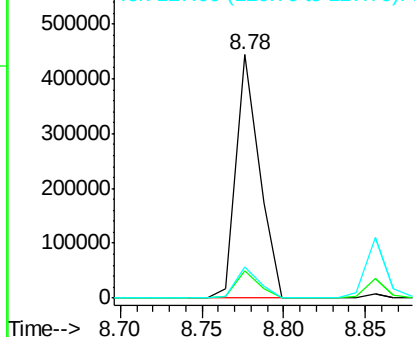


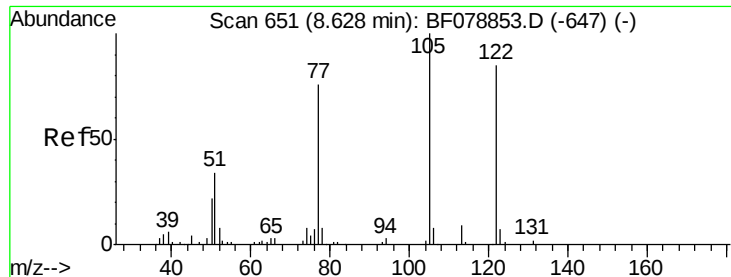
#31
Naphthalene
Concen: 33.45 ng
RT: 8.78 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF079274.D
Acq: 15 May 2015 17:17

Tgt Ion:128 Resp: 436424
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.0 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

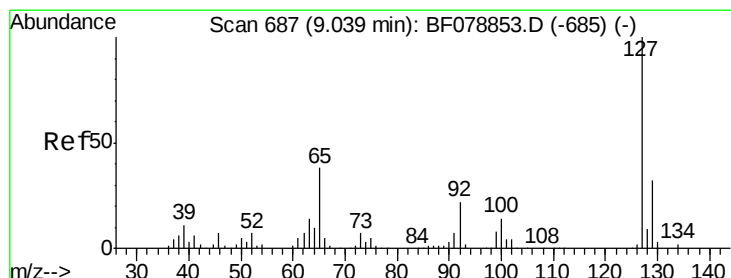
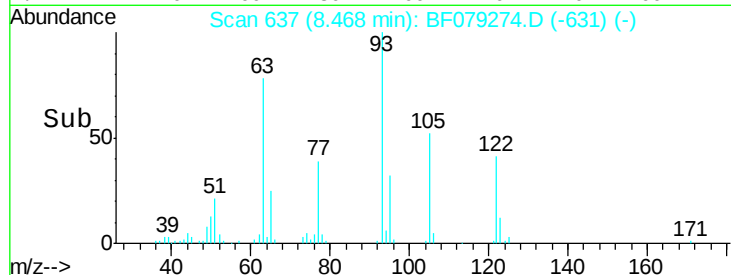
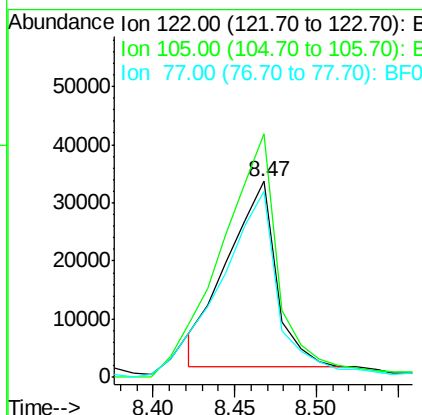
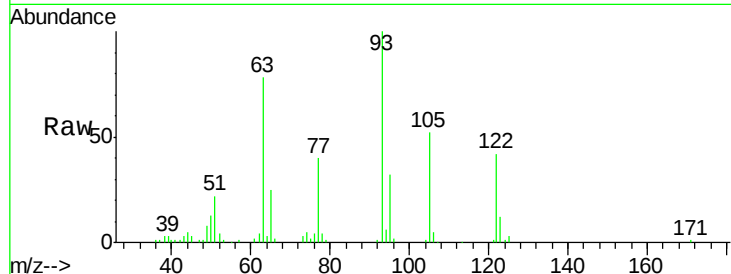




#32
Benzoic acid
Concen: 29.91 ng
RT: 8.47 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF079274.D
Acq: 15 May 2015 17:17

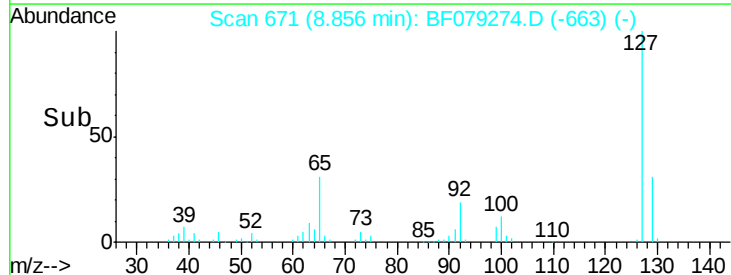
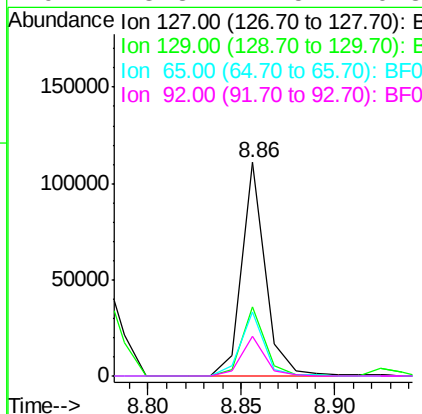
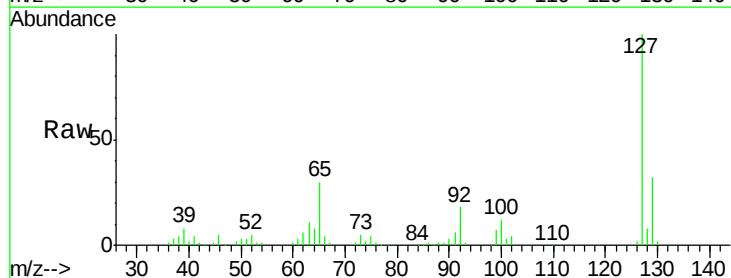
Instrument :
BNA_F
ClientSampleId :
PB83262BS

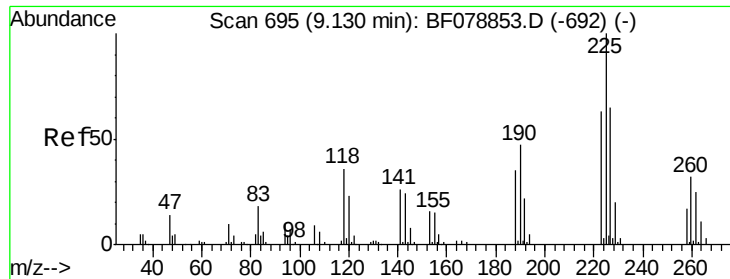
Tgt Ion:122 Resp: 66570
Ion Ratio Lower Upper
122 100
105 124.2 100.7 140.7
77 94.7 72.0 112.0



#33
4-Chloroaniline
Concen: 17.72 ng
RT: 8.86 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF079274.D
Acq: 15 May 2015 17:17

Tgt Ion:127 Resp: 97854
Ion Ratio Lower Upper
127 100
129 32.5 25.6 38.4
65 30.2 30.2 45.4#
92 18.3 17.5 26.3

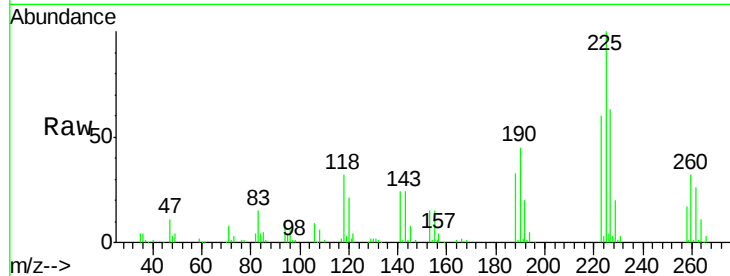




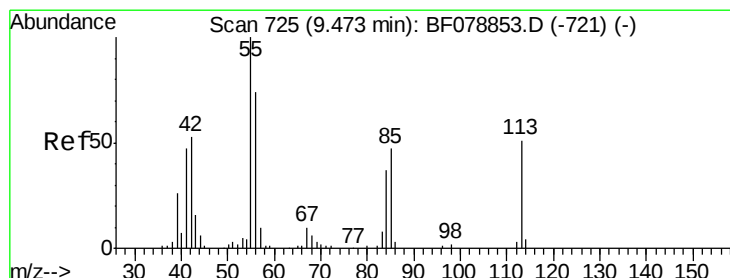
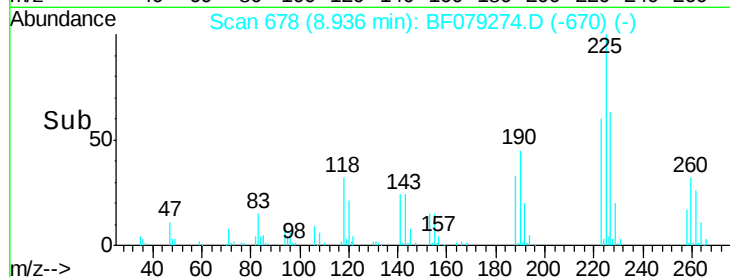
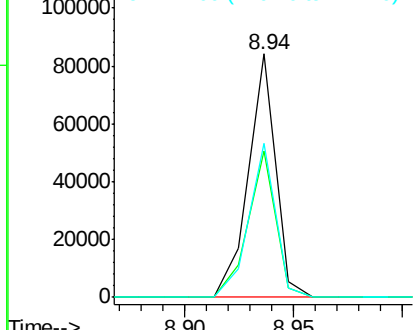
#34
Hexachlorobutadiene
Concen: 33.19 ng
RT: 8.94 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF079274.D
Acq: 15 May 2015 17:17

Instrument :
BNA_F
ClientSampleId :
PB83262BS

Tgt Ion: 225 Resp: 73041
Ion Ratio Lower Upper
225 100
223 60.0 50.6 75.8
227 63.3 52.1 78.1

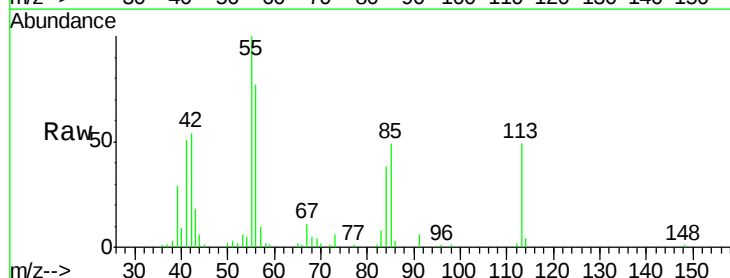


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

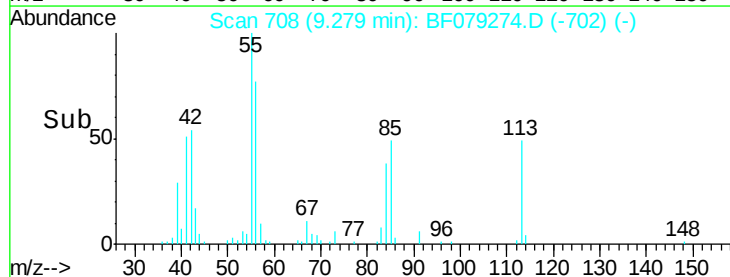
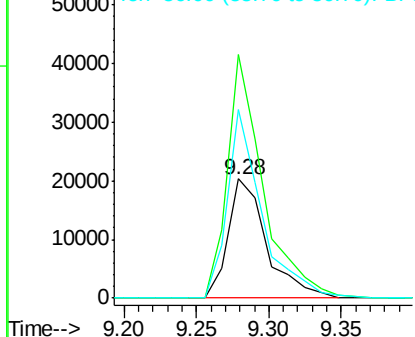


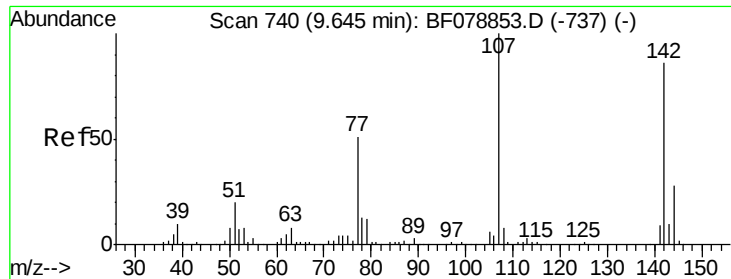
#35
Caprolactam
Concen: 33.24 ng
RT: 9.28 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF079274.D
Acq: 15 May 2015 17:17

Tgt Ion: 113 Resp: 37387
Ion Ratio Lower Upper
113 100
55 204.9 176.0 216.0
56 158.3 123.8 163.8



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

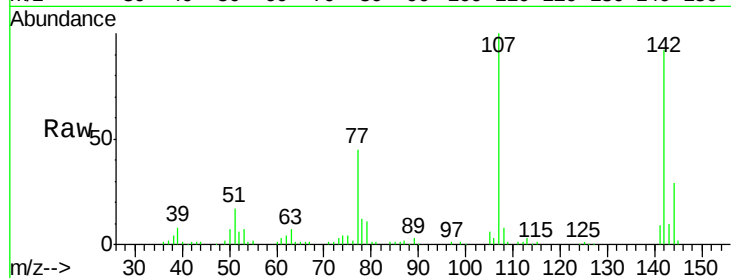




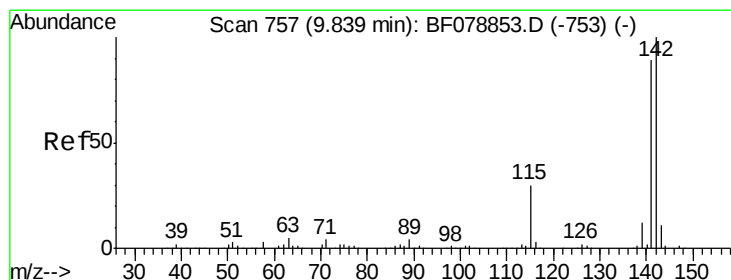
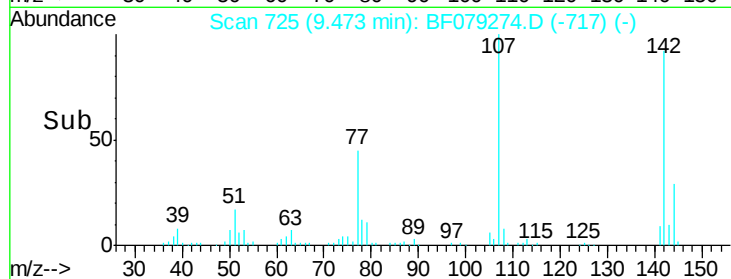
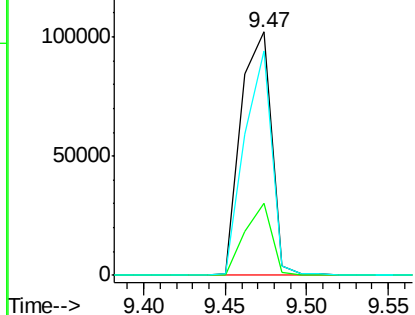
#36
 4-Chloro-3-methylphenol
 Concen: 36.19 ng
 RT: 9.47 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Instrument :
 BNA_F
 ClientSampleID :
 PB83262BS

Tgt Ion:107 Resp: 132239
 Ion Ratio Lower Upper
 107 100
 144 29.5 22.5 33.7
 142 92.4 68.6 103.0

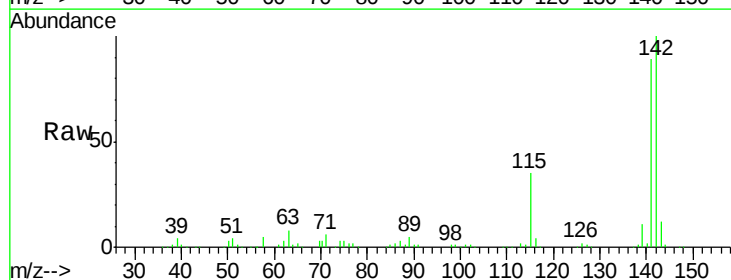


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

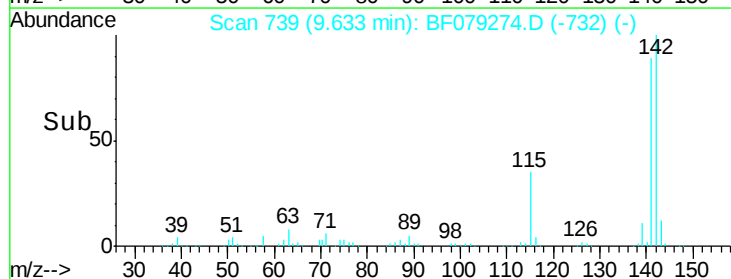
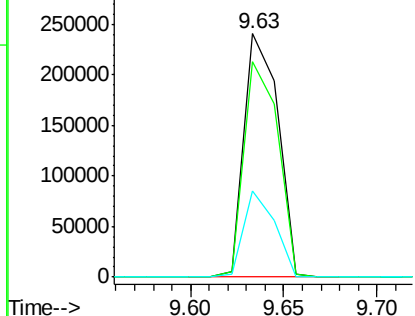


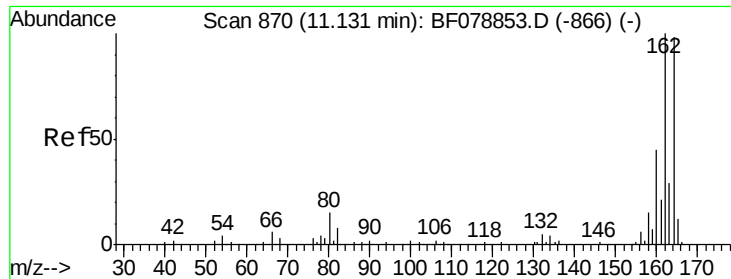
#37
 2-Methylnaphthalene
 Concen: 33.69 ng
 RT: 9.63 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Tgt Ion:142 Resp: 304632
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.6 107.4
 115 35.5 24.2 36.4



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

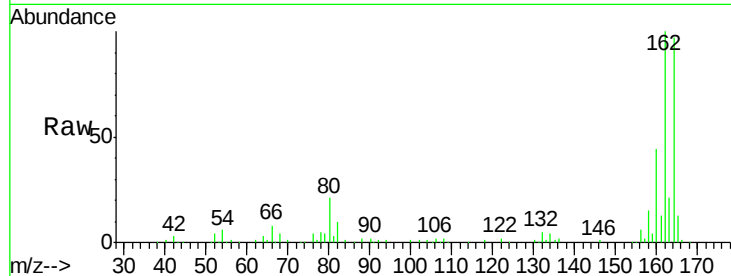




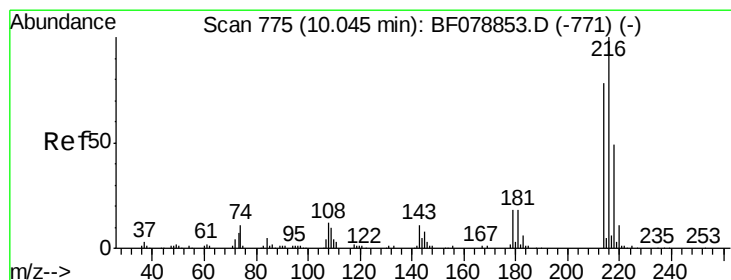
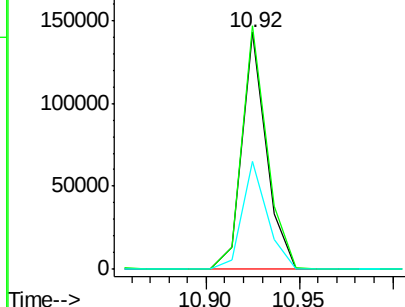
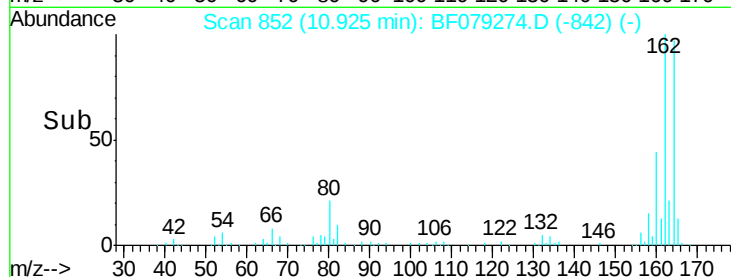
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.92 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83262BS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.4	122.0
160	45.3	36.6	54.8

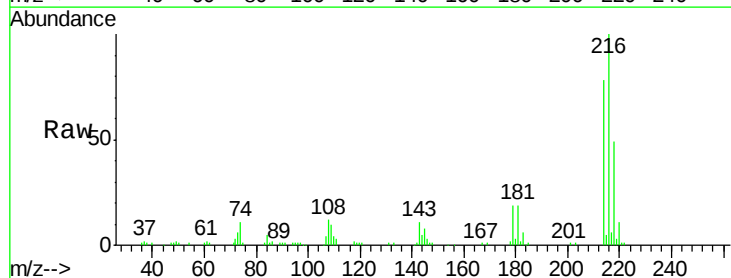


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

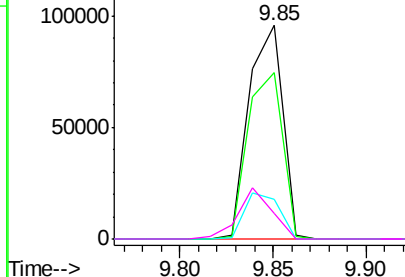
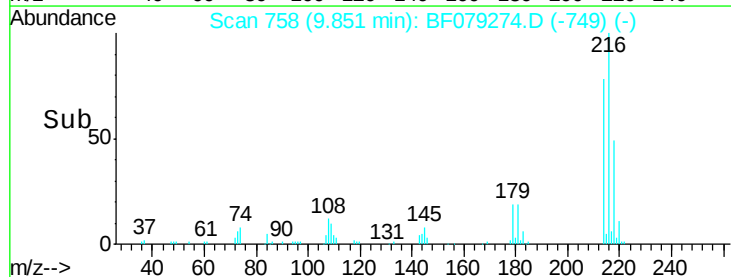


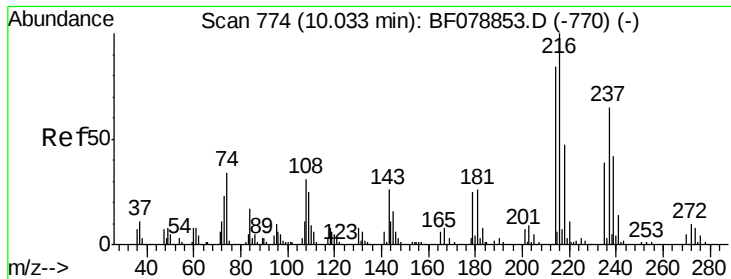
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.84 ng
 RT: 9.85 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.4	64.0	96.0
179	22.3	17.0	25.4
108	23.9	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

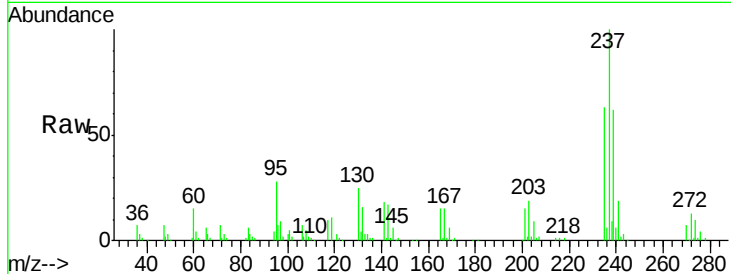




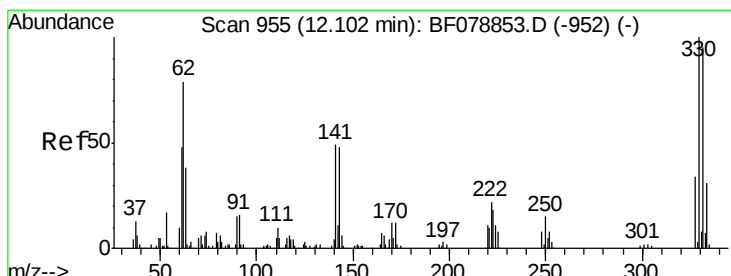
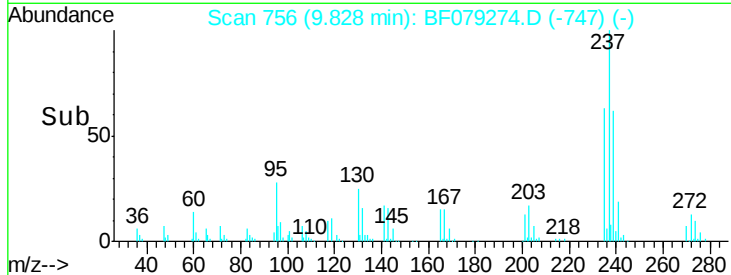
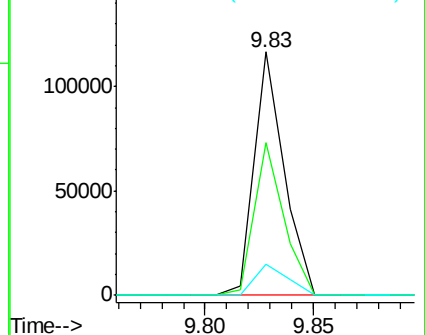
#40
Hexachlorocyclopentadiene
Concen: 60.45 ng
RT: 9.83 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF079274.D
Acq: 15 May 2015 17:17

Instrument :
BNA_F
ClientSampleId :
PB83262BS

Tgt Ion:237 Resp: 111203
Ion Ratio Lower Upper
237 100
235 62.9 40.0 80.0
272 12.6 0.0 36.0

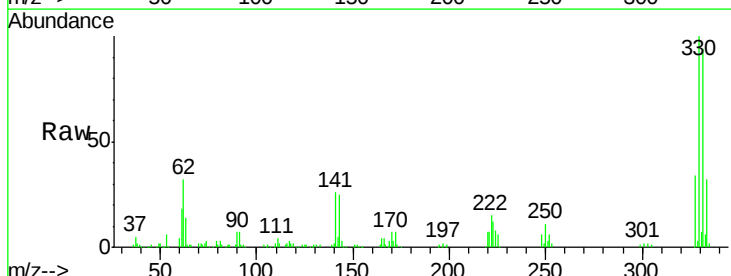


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

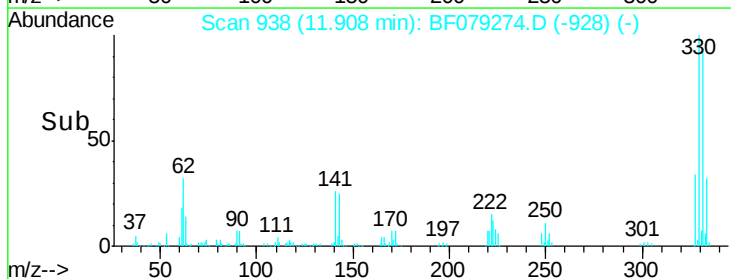
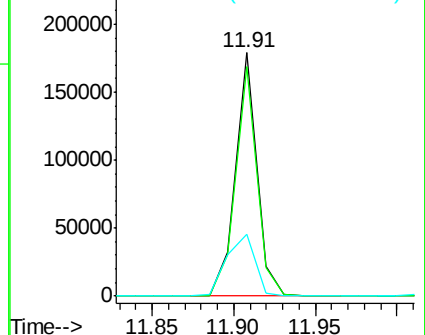


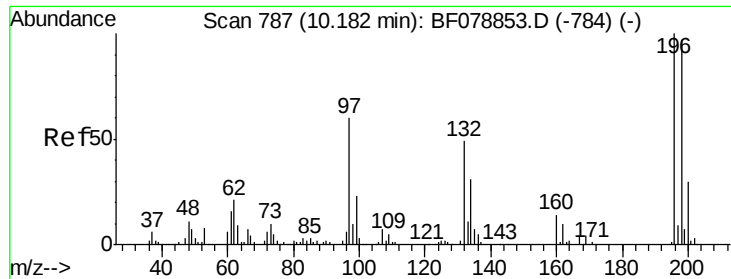
#41
2,4,6-Tribromophenol
Concen: 115.17 ng
RT: 11.91 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF079274.D
Acq: 15 May 2015 17:17

Tgt Ion:330 Resp: 161842
Ion Ratio Lower Upper
330 100
332 94.3 76.9 115.3
141 33.7 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

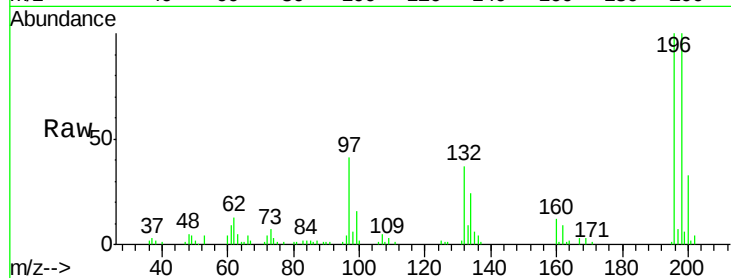




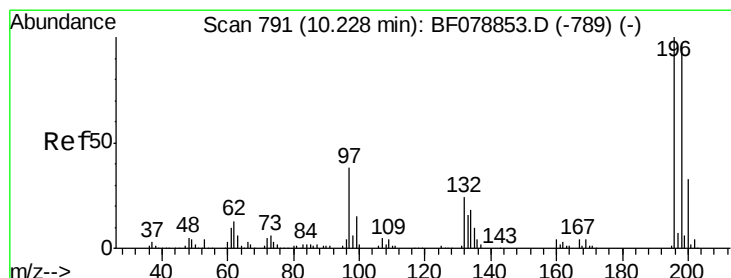
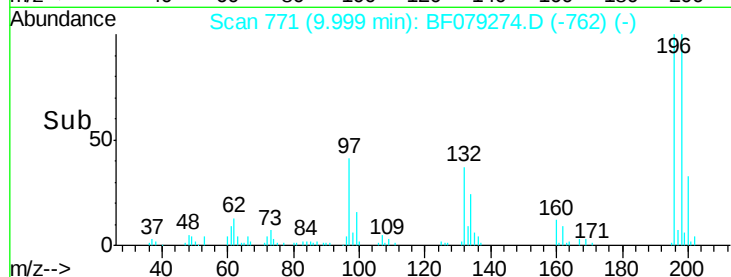
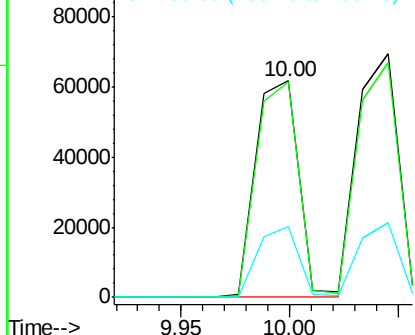
#42
 2,4,6-Trichlorophenol
 Concen: 33.89 ng
 RT: 10.00 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83262BS

Tgt Ion:196 Resp: 85243
 Ion Ratio Lower Upper
 196 100
 198 99.8 77.4 116.2
 200 32.5 23.7 35.5

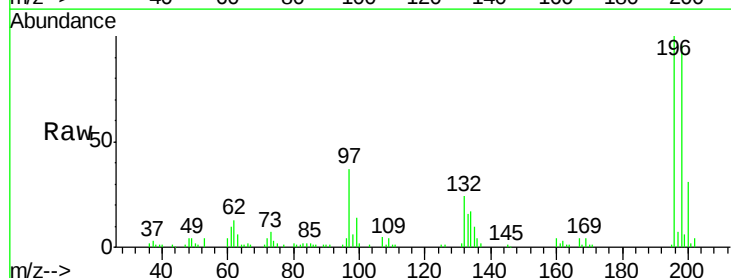


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

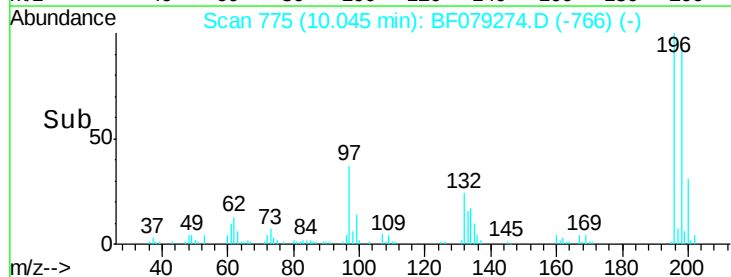
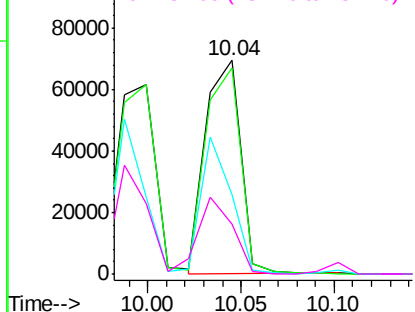


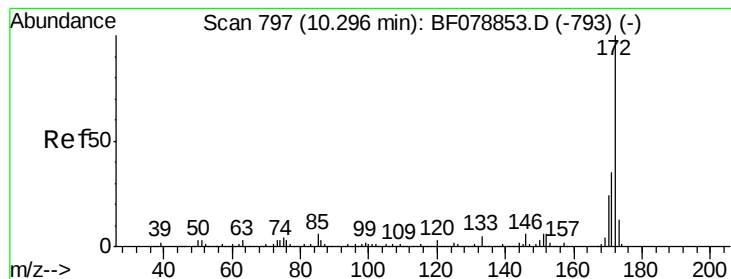
#43
 2,4,5-Trichlorophenol
 Concen: 35.69 ng
 RT: 10.04 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Tgt Ion:196 Resp: 90752
 Ion Ratio Lower Upper
 196 100
 198 96.5 77.3 115.9
 97 37.4 31.3 46.9
 132 23.7 19.7 29.5



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





#44

2-Fluorobiphenyl

Concen: 67.22 ng

RT: 10.10 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83262BS

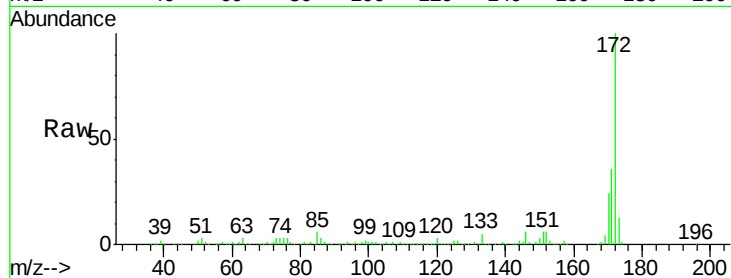
Tgt Ion:172 Resp: 626737

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

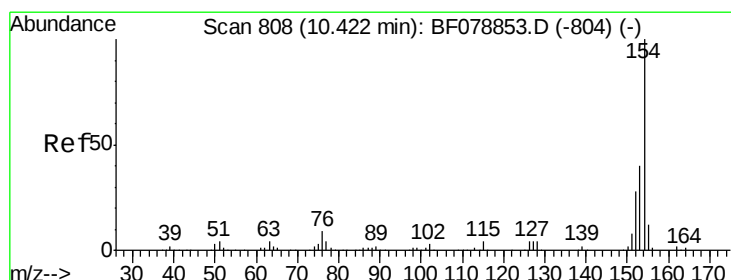
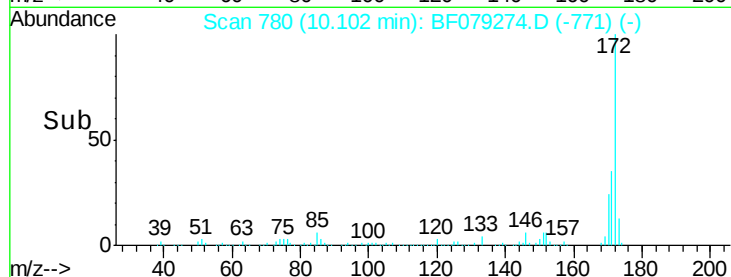
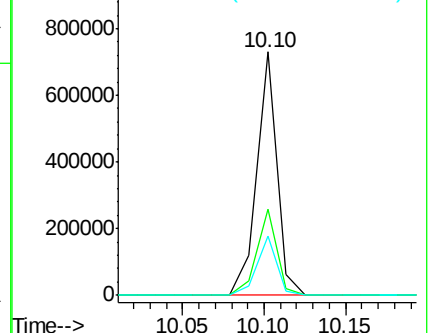
170 24.4 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 34.54 ng

RT: 10.23 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

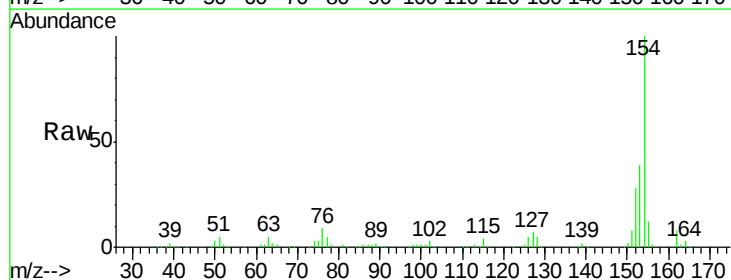
Tgt Ion:154 Resp: 356630

Ion Ratio Lower Upper

154 100

153 39.0 19.7 59.7

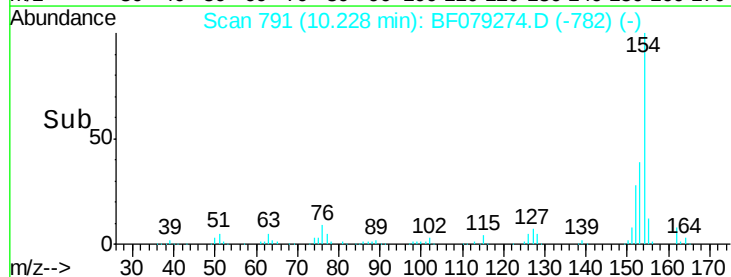
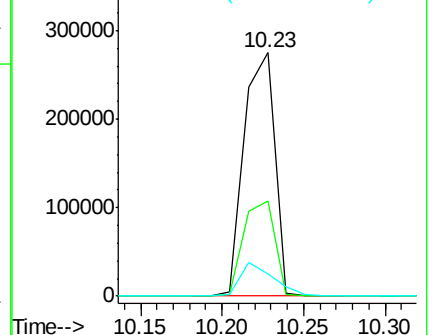
76 9.1 0.0 29.1

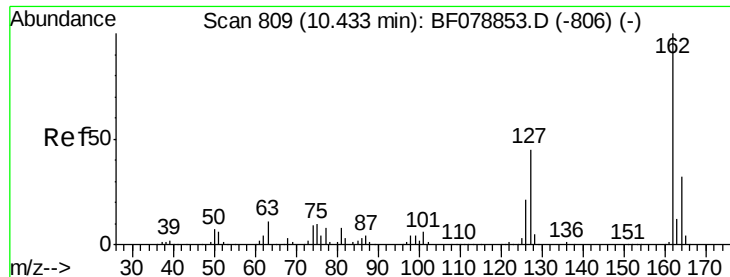


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

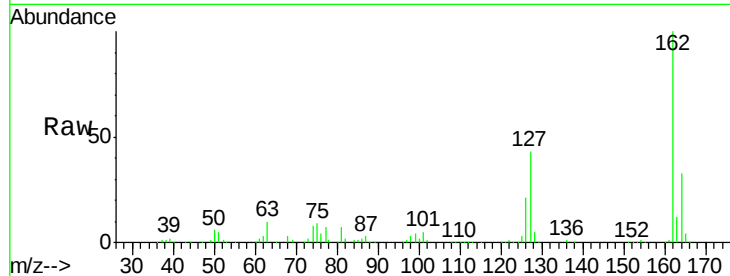




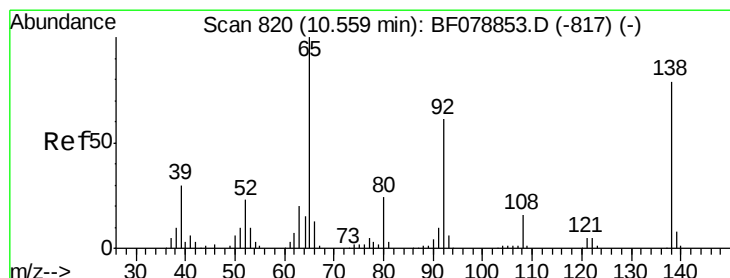
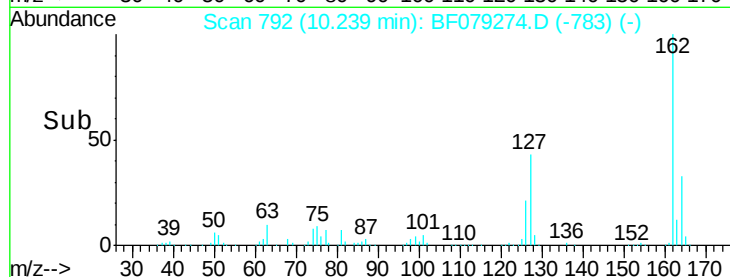
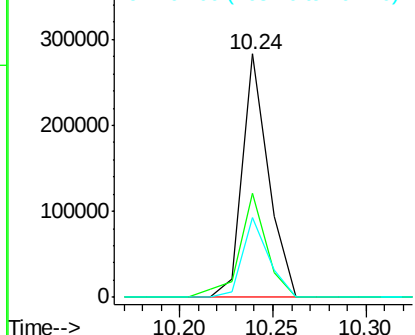
#46
 2-Chloronaphthalene
 Concen: 33.96 ng
 RT: 10.24 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83262BS

Tgt Ion: 162 Resp: 273551
 Ion Ratio Lower Upper
 162 100
 127 43.0 36.3 54.5
 164 32.8 25.9 38.9

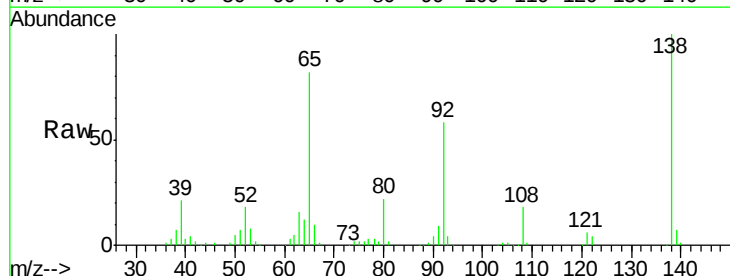


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

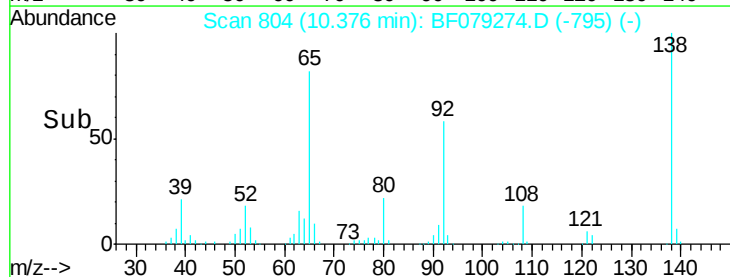
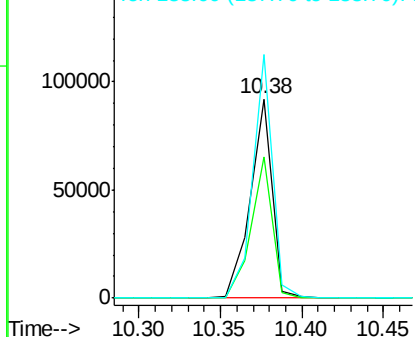


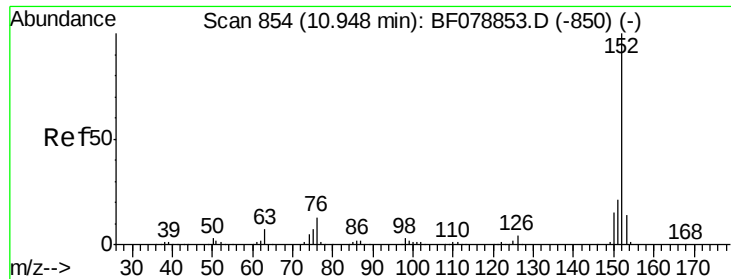
#47
 2-Nitroaniline
 Concen: 36.44 ng
 RT: 10.38 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Tgt Ion: 65 Resp: 85038
 Ion Ratio Lower Upper
 65 100
 92 71.2 49.1 73.7
 138 122.3 63.2 94.8#



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





#48

Acenaphthylene

Concen: 35.42 ng

RT: 10.75 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83262BS

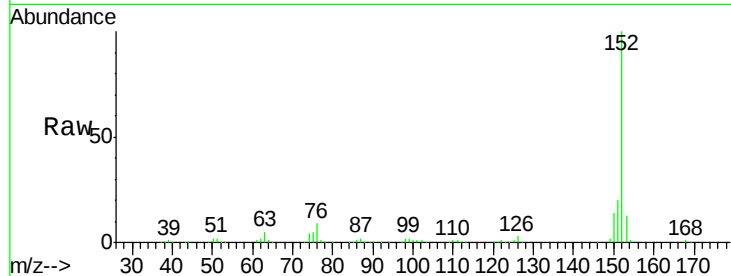
Tgt Ion:152 Resp: 468447

Ion Ratio Lower Upper

152 100

151 19.8 16.6 24.8

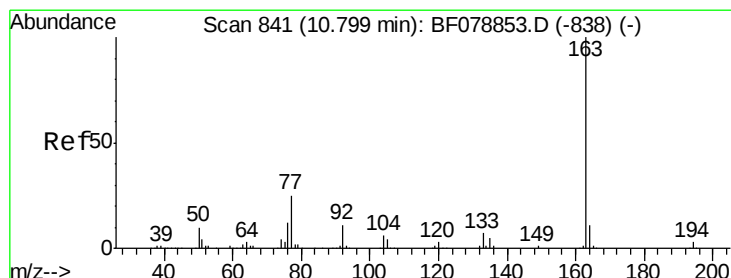
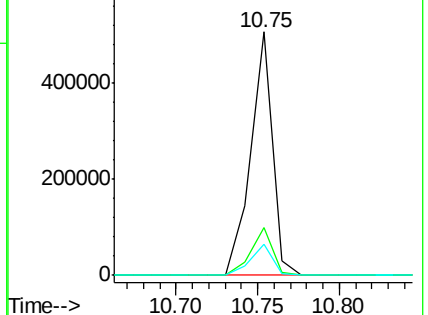
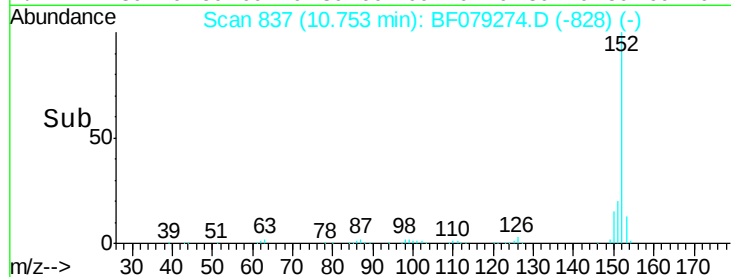
153 12.8 11.0 16.6



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: 34.62 ng

RT: 10.62 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

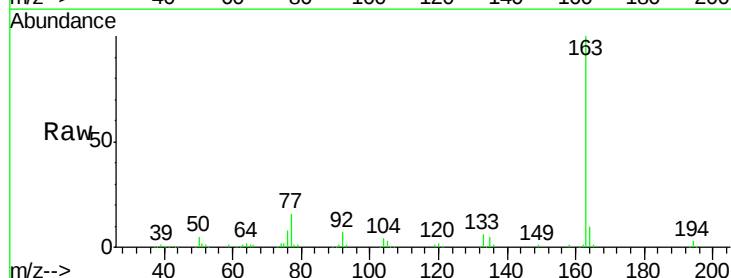
Tgt Ion:163 Resp: 330021

Ion Ratio Lower Upper

163 100

194 3.4 2.4 3.6

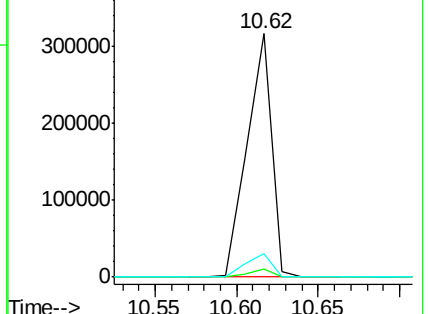
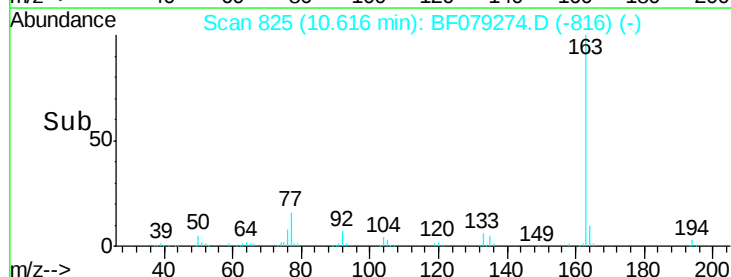
164 9.7 8.6 12.8

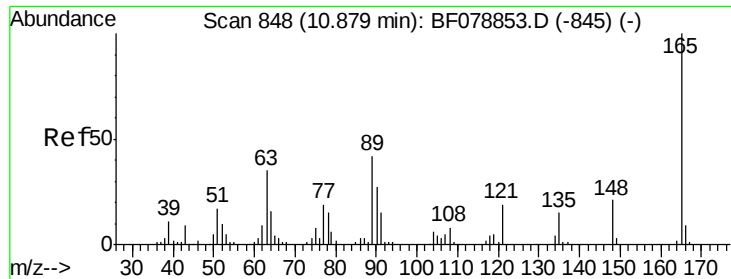


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

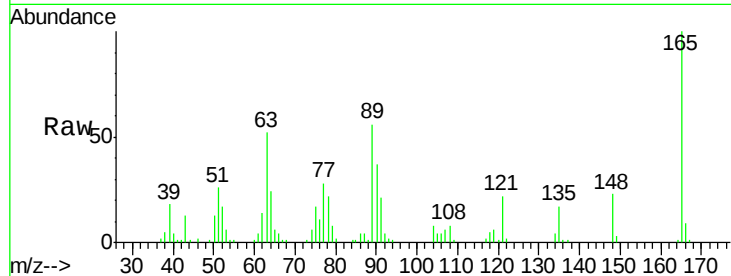




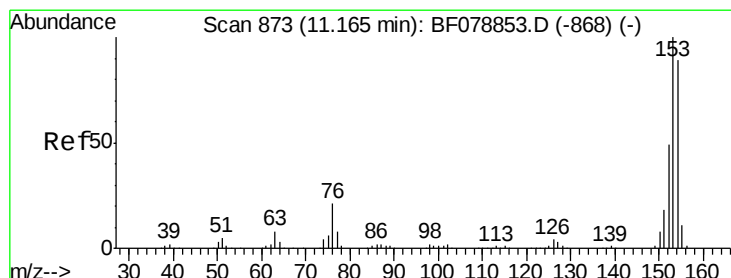
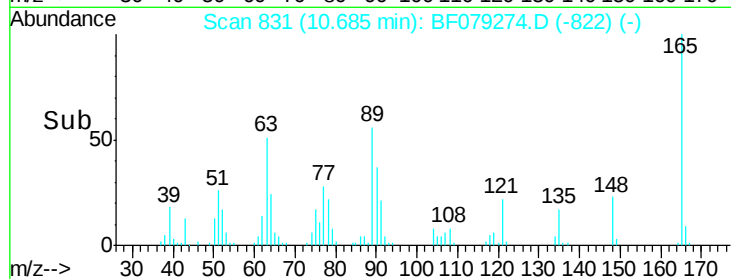
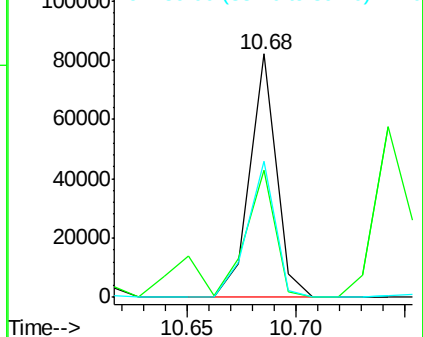
#50
 2,6-Dinitrotoluene
 Concen: 36.84 ng
 RT: 10.68 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83262BS

Tgt Ion:165 Resp: 69310
 Ion Ratio Lower Upper
 165 100
 63 52.1 29.2 43.8#
 89 55.9 33.3 49.9#

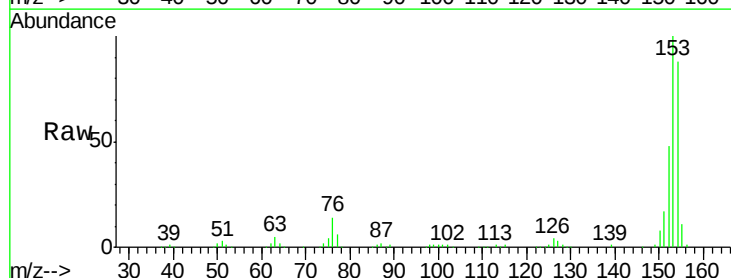


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

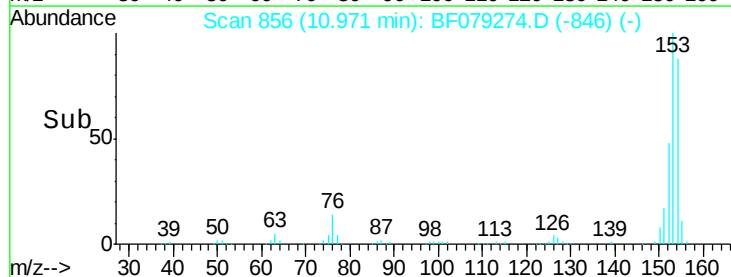
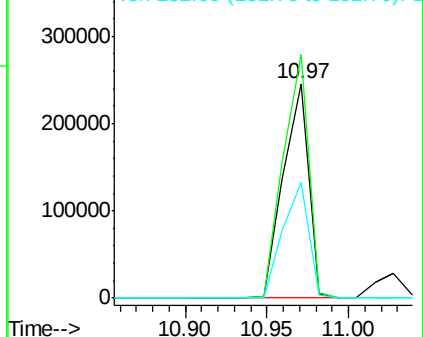


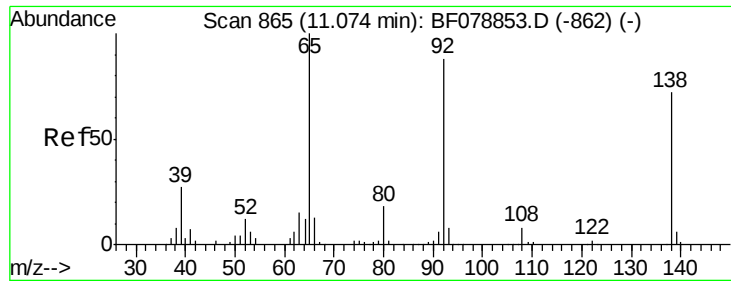
#51
 Acenaphthene
 Concen: 33.83 ng
 RT: 10.97 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Tgt Ion:154 Resp: 266852
 Ion Ratio Lower Upper
 154 100
 153 113.6 90.2 135.2
 152 54.2 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

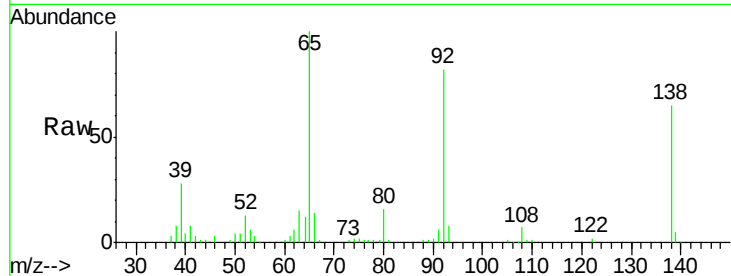




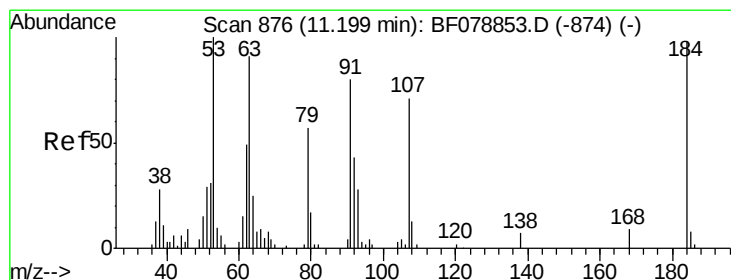
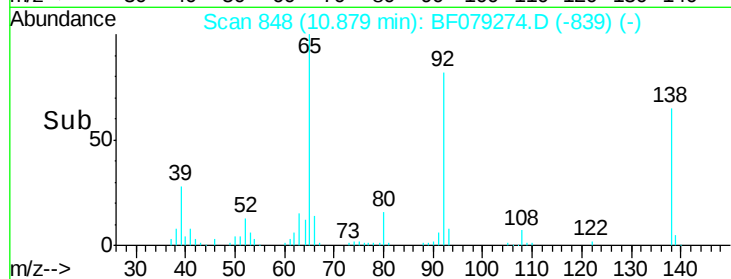
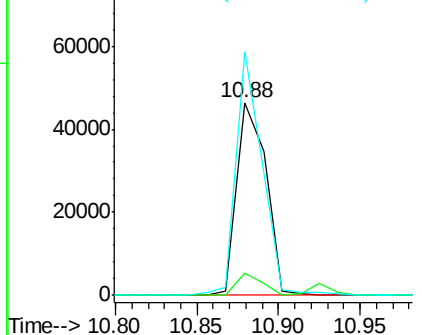
#52
 3-Nitroaniline
 Concen: 24.34 ng
 RT: 10.88 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83262BS

Tgt Ion:138 Resp: 57196
 Ion Ratio Lower Upper
 138 100
 108 11.6 8.5 12.7
 92 126.3 97.4 146.0

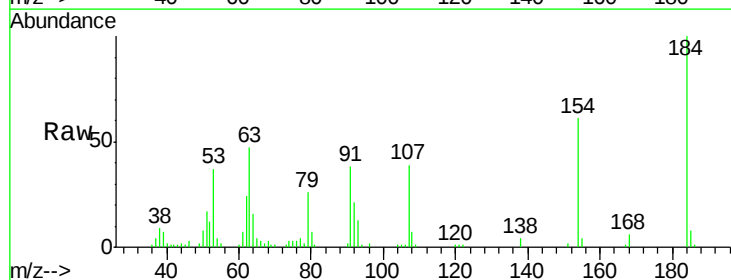


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

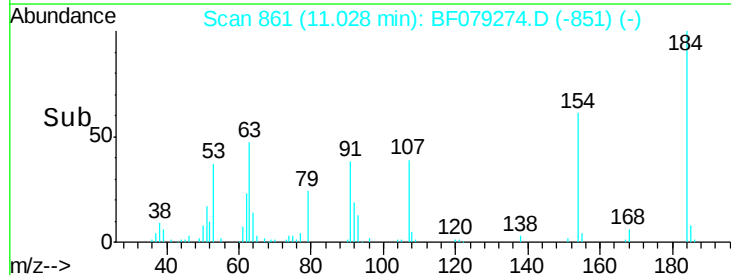
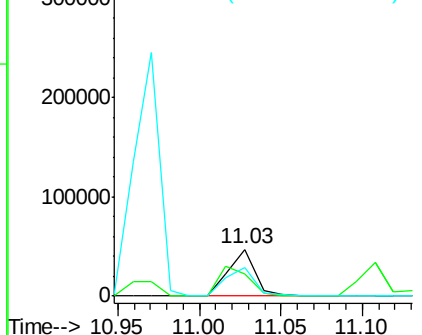


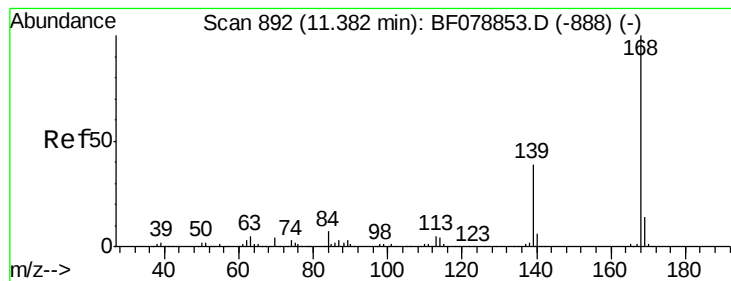
#53
 2,4-Dinitrophenol
 Concen: 72.54 ng
 RT: 11.03 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Tgt Ion:184 Resp: 54183
 Ion Ratio Lower Upper
 184 100
 63 46.8 98.8 148.2#
 154 61.5 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: 35.29 ng

RT: 11.19 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83262BS

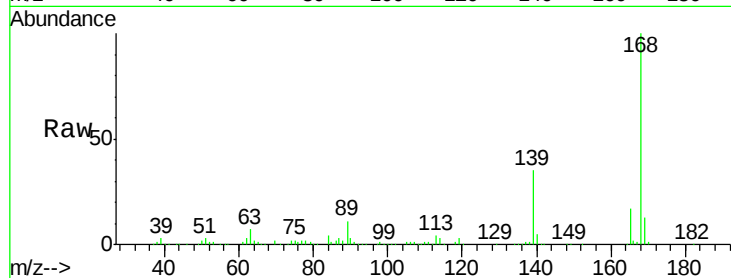
Tgt Ion:168 Resp: 402049

Ion Ratio Lower Upper

168 100

139 34.9 31.5 47.3

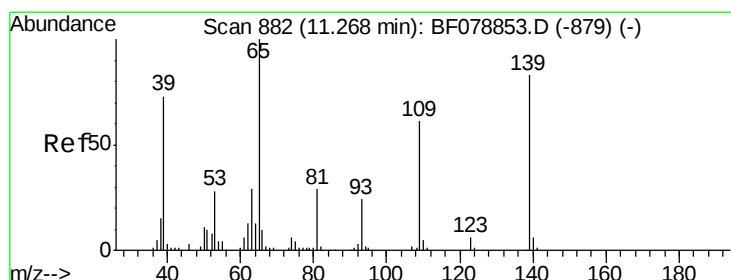
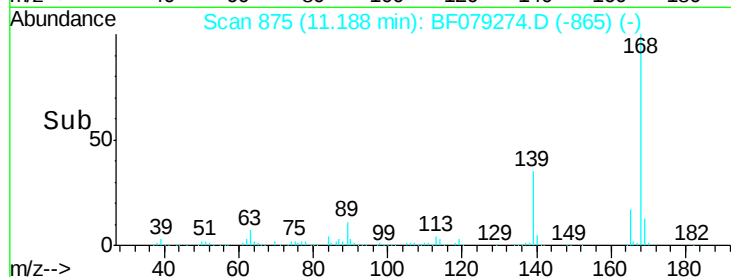
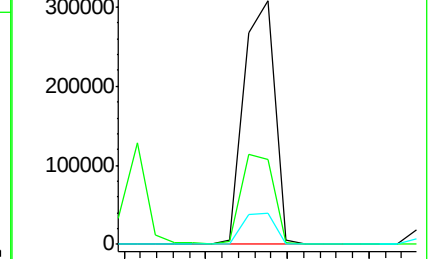
169 12.6 11.0 16.4



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: 65.31 ng

RT: 11.11 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

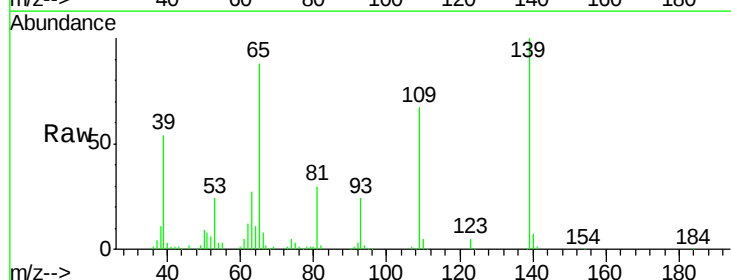
Tgt Ion:139 Resp: 121482

Ion Ratio Lower Upper

139 100

109 66.8 54.4 94.4

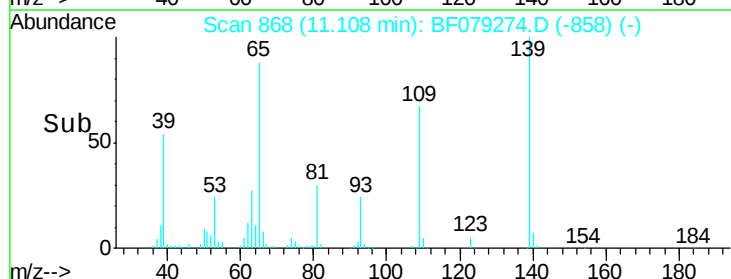
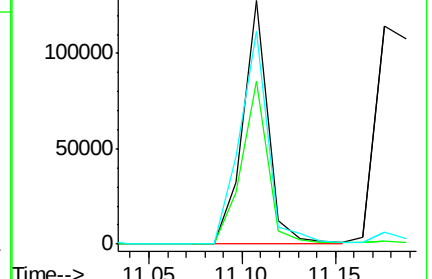
65 87.6 101.0 141.0#

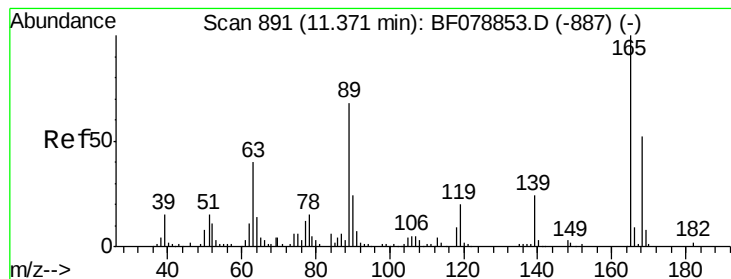


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 35.31 ng

RT: 11.18 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83262BS

Tgt Ion:165 Resp: 87837

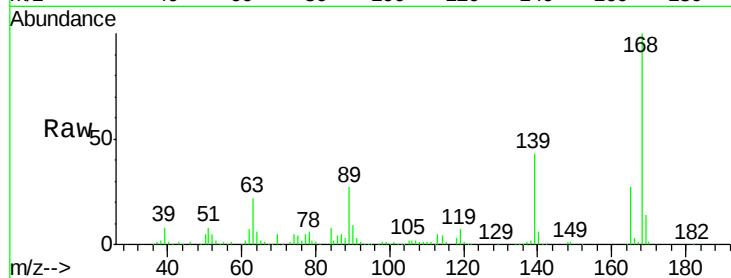
Ion Ratio Lower Upper

165 100

63 80.5 32.3 48.5#

89 100.7 54.6 81.8#

182 1.8 1.8 2.6

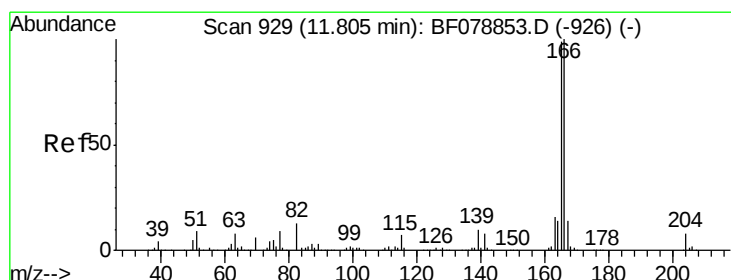
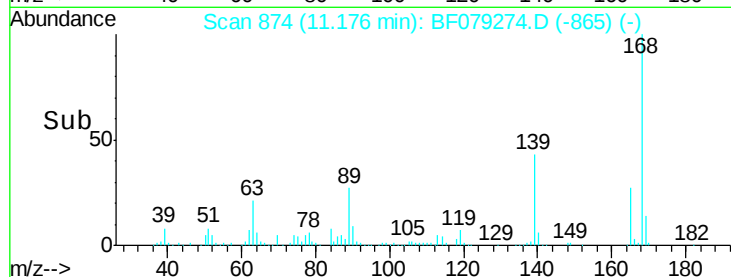
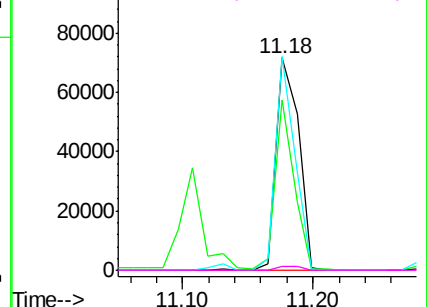


Abundance Ion 165.00 (164.70 to 165.70): E

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: 35.48 ng

RT: 11.61 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

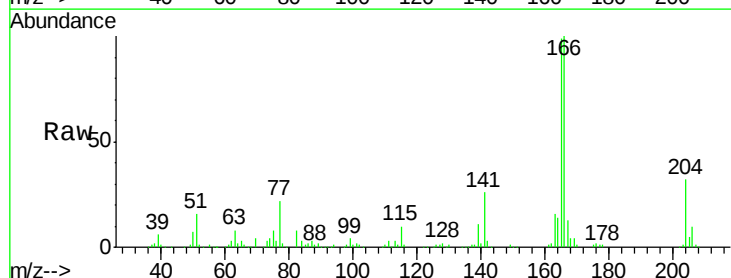
Tgt Ion:166 Resp: 331727

Ion Ratio Lower Upper

166 100

165 98.9 79.5 119.3

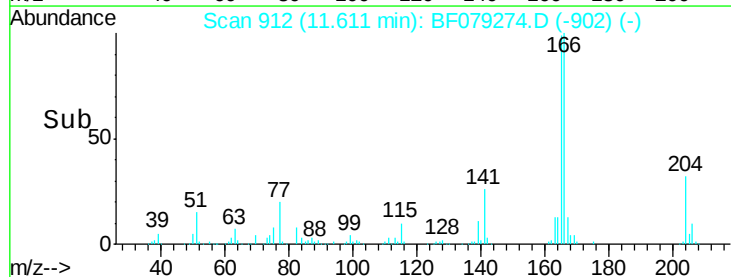
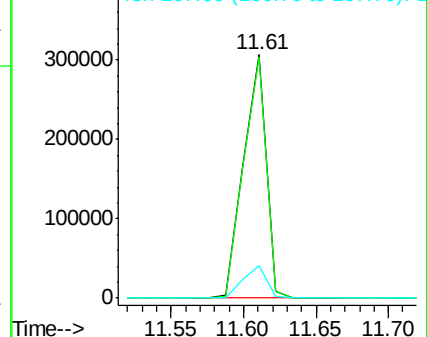
167 13.1 11.0 16.6

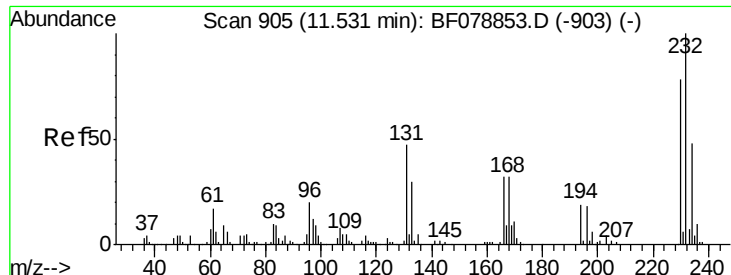


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

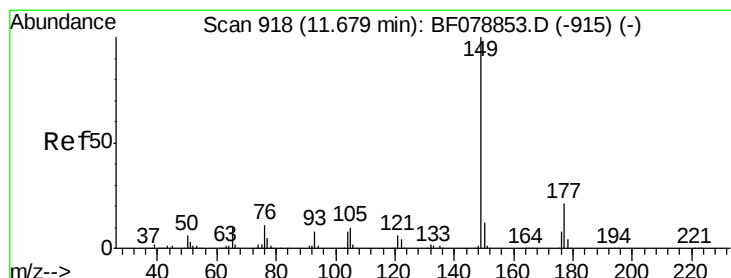
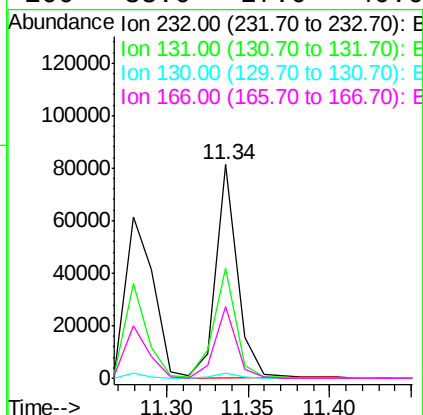
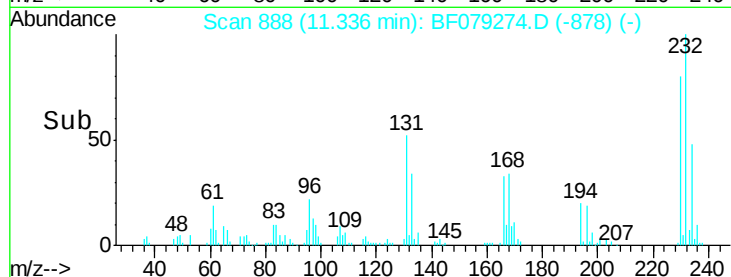
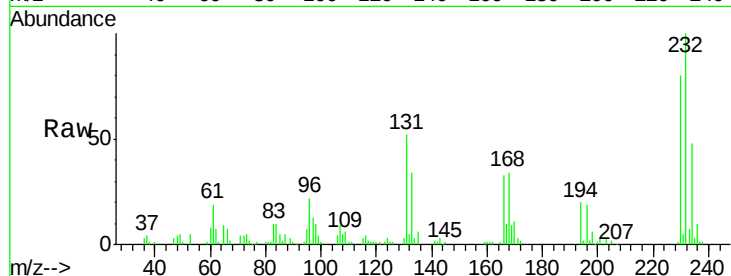




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.39 ng
 RT: 11.34 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

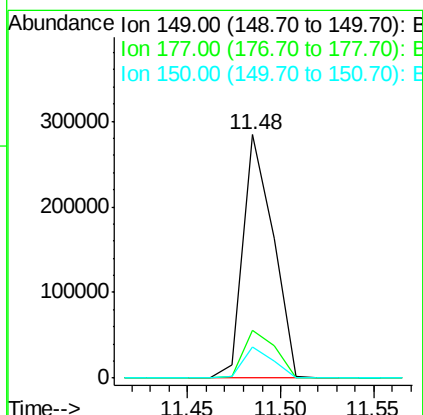
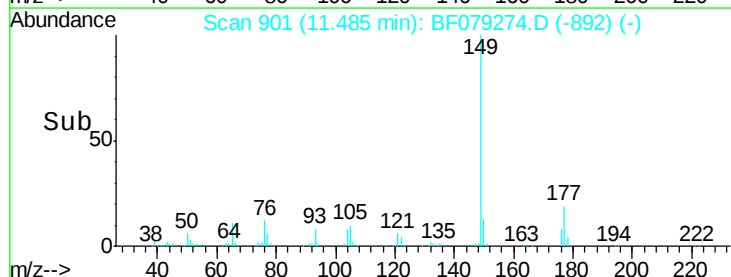
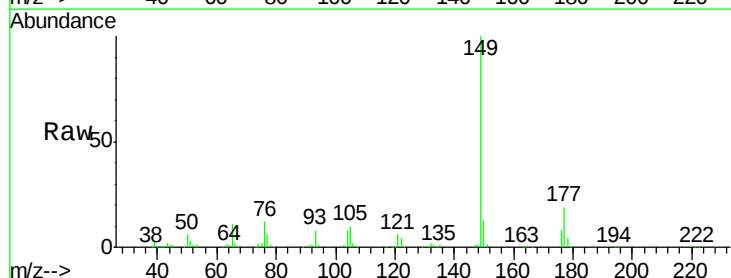
Instrument :
 BNA_F
 ClientSampleId :
 PB83262BS

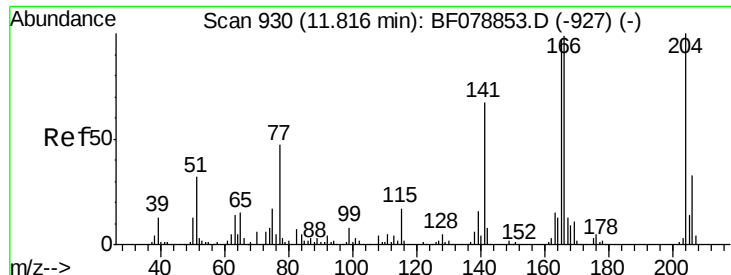
Tgt Ion:	232	Resp:	73527
Ion	Ratio	Lower	Upper
232	100		
131	54.5	41.9	62.9
130	2.8	1.9	2.9
166	33.6	27.0	40.6



#59
 Diethylphthalate
 Concen: 33.76 ng
 RT: 11.48 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Tgt Ion:	149	Resp:	318860
Ion	Ratio	Lower	Upper
149	100		
177	19.5	16.4	24.6
150	12.9	9.8	14.6

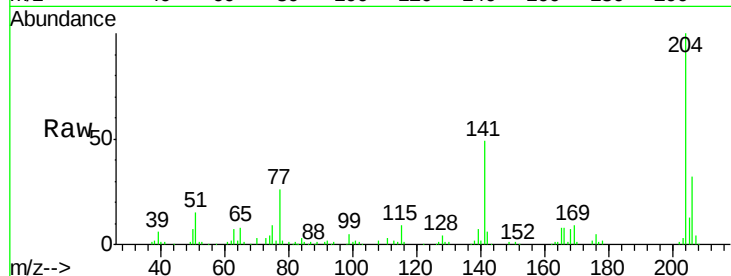




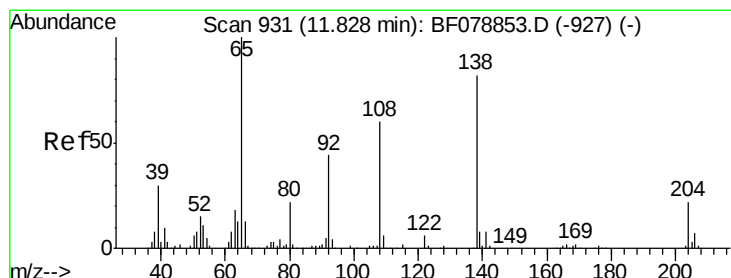
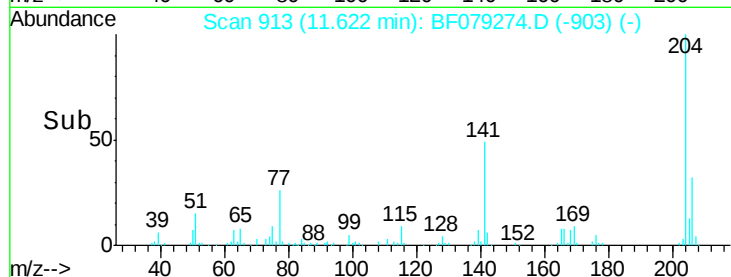
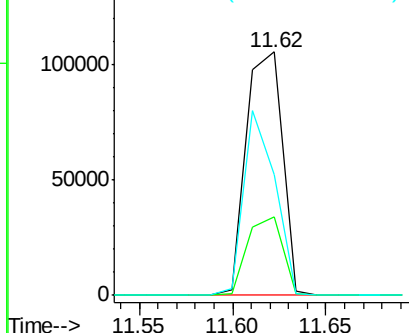
#60
 4-Chlorophenyl-phenylether
 Concen: 34.31 ng
 RT: 11.62 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83262BS

Tgt Ion: 204 Resp: 142315
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.2 39.4
 141 49.4 53.6 80.4#

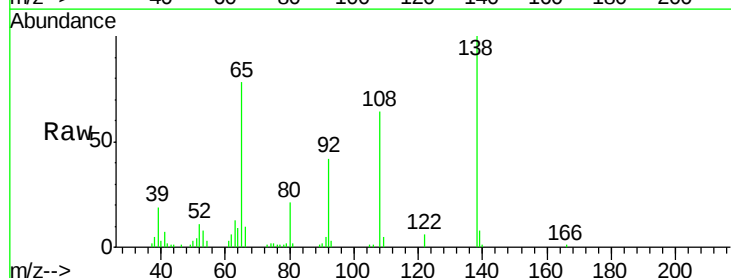


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

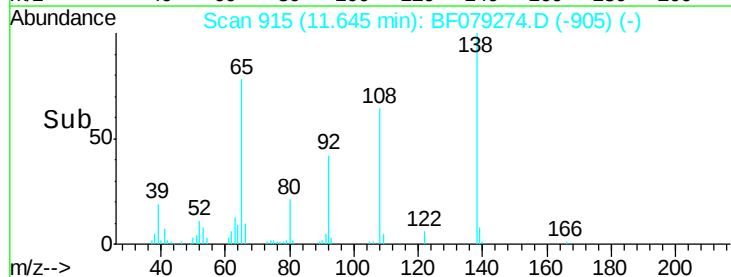
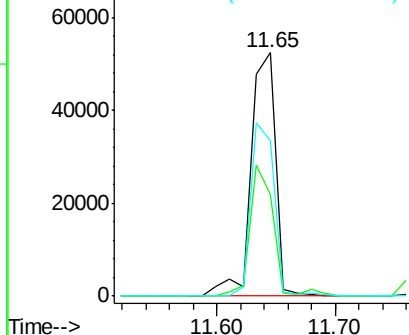


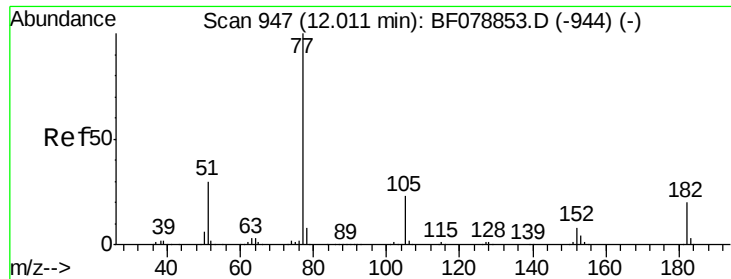
#61
 4-Nitroaniline
 Concen: 32.21 ng
 RT: 11.65 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Tgt Ion: 138 Resp: 75744
 Ion Ratio Lower Upper
 138 100
 92 41.8 33.7 73.7
 108 63.7 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: 35.46 ng

RT: 11.82 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83262BS

Tgt Ion: 77 Resp: 330034

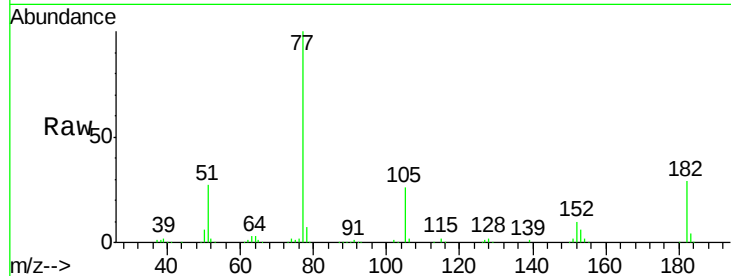
Ion Ratio Lower Upper

77 100

182 29.3 0.0 40.0

105 26.1 2.9 42.9

51 27.3 10.0 50.0

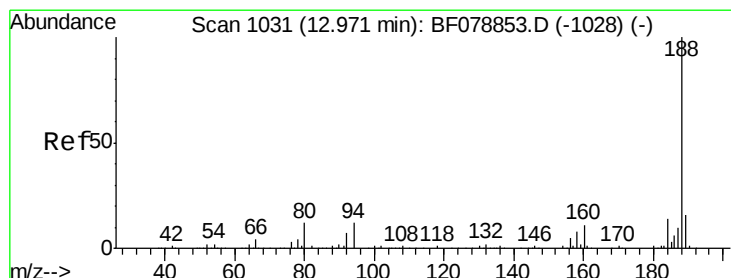
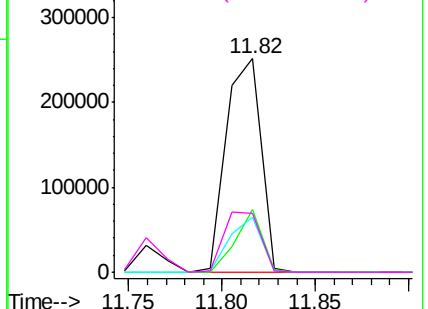
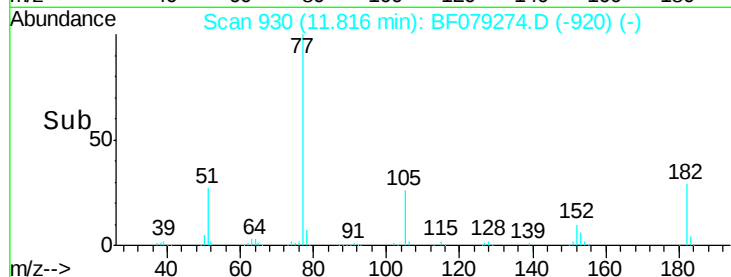


Abundance Ion 77.00 (76.70 to 77.70): BF079274.D (-930) (-)

Ion 182.00 (181.70 to 182.70): BF079274.D (-930) (-)

Ion 105.00 (104.70 to 105.70): BF079274.D (-930) (-)

Ion 51.00 (50.70 to 51.70): BF079274.D (-930) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.77 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

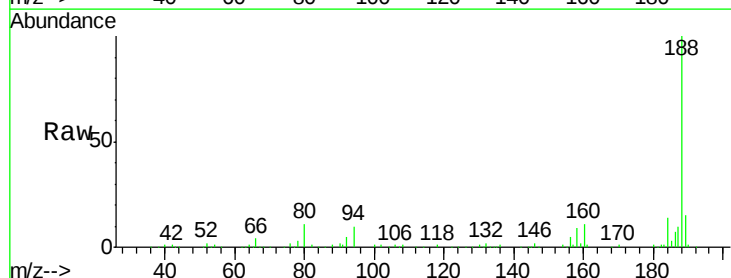
Tgt Ion: 188 Resp: 245574

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.0

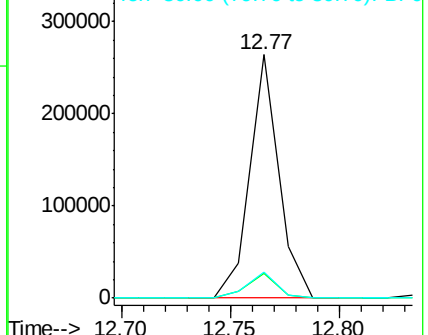
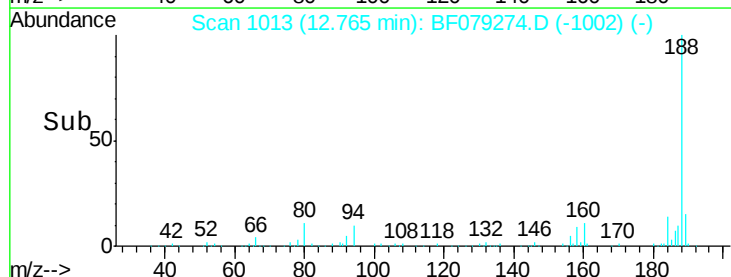
80 10.5 9.8 14.6

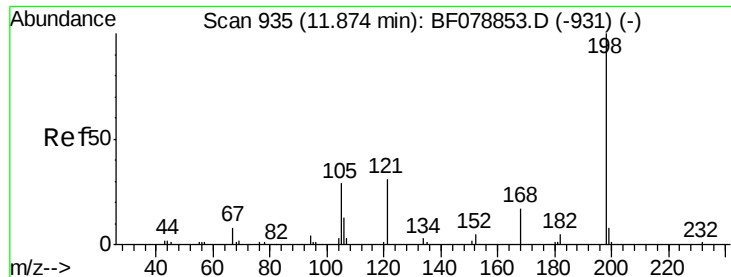


Abundance Ion 188.00 (187.70 to 188.70): BF079274.D (-1002) (-)

Ion 94.00 (93.70 to 94.70): BF079274.D (-1002) (-)

Ion 80.00 (79.70 to 80.70): BF079274.D (-1002) (-)





#64

4,6-Dinitro-2-methylphenol

Concen: 40.13 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83262BS

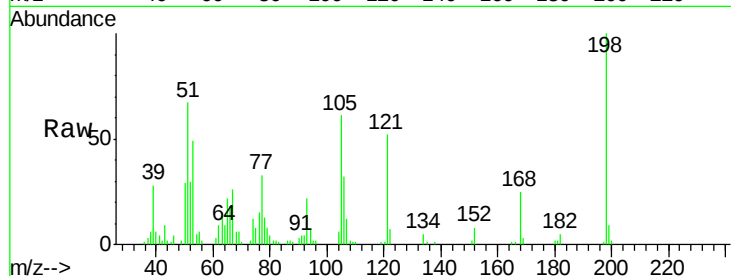
Tgt Ion:198 Resp: 38325

Ion Ratio Lower Upper

198 100

51 66.9 7.0 47.0#

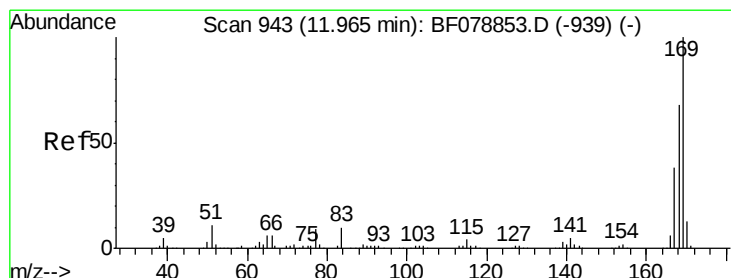
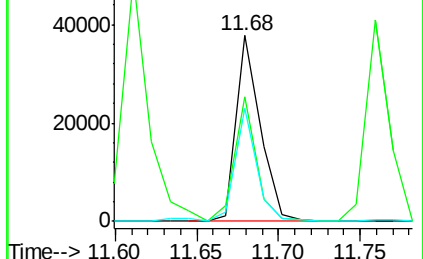
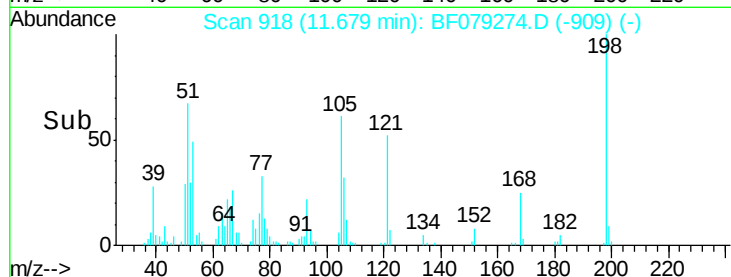
105 61.2 13.7 53.7#



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: 33.86 ng

RT: 11.76 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

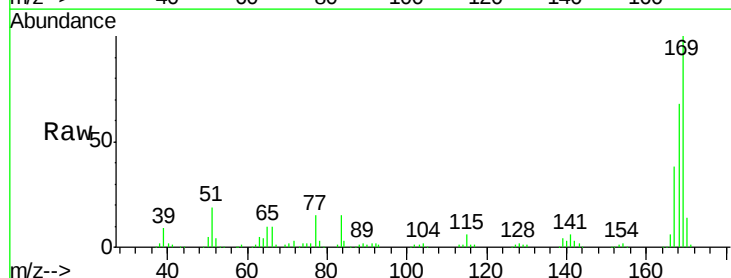
Tgt Ion:169 Resp: 276928

Ion Ratio Lower Upper

169 100

168 67.7 54.1 81.1

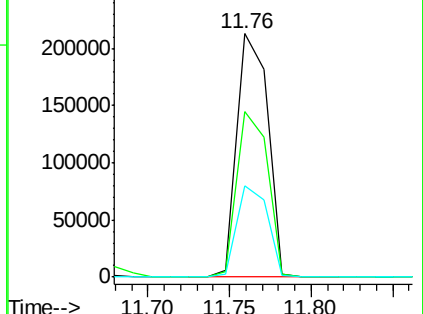
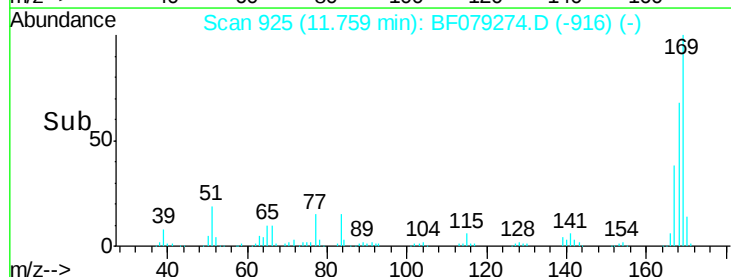
167 37.7 30.1 45.1

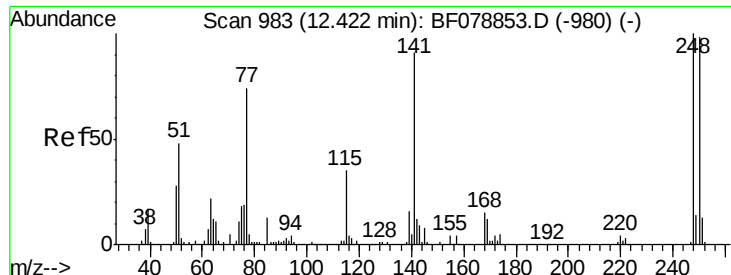


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

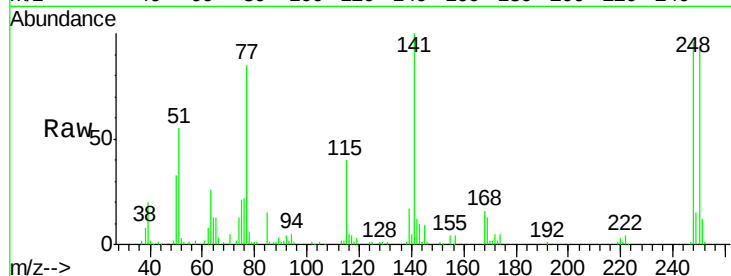




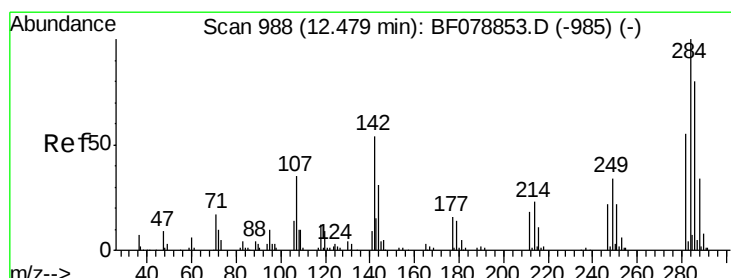
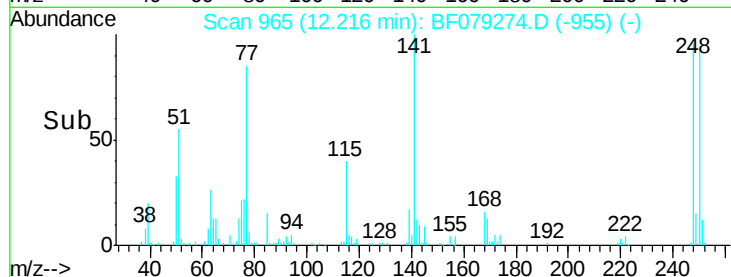
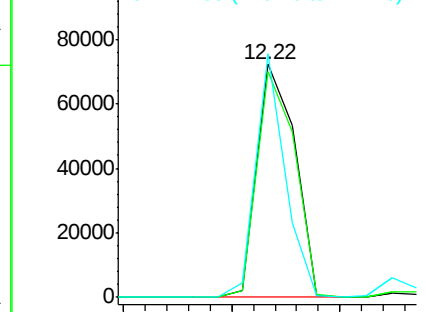
#66
 4-Bromophenyl-phenylether
 Concen: 34.32 ng
 RT: 12.22 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83262BS

Tgt Ion:248 Resp: 87847
 Ion Ratio Lower Upper
 248 100
 250 96.6 78.0 117.0
 141 104.5 72.6 109.0

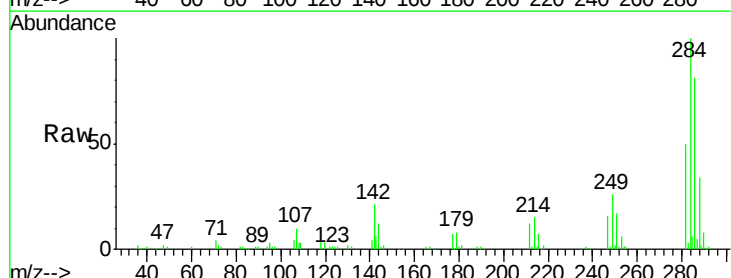


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

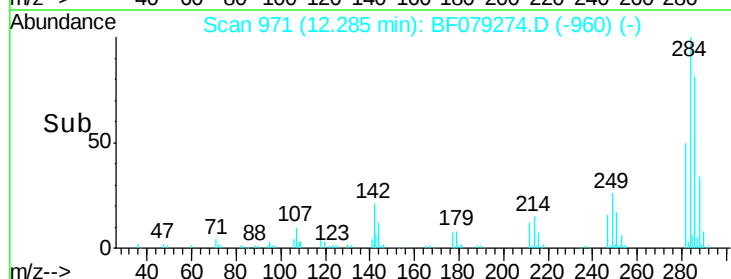
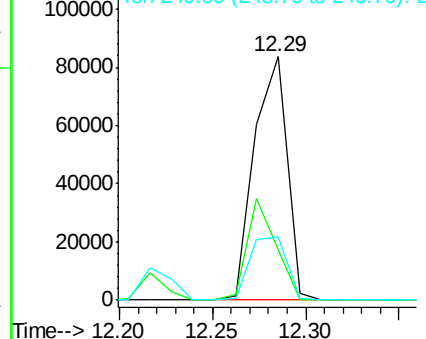


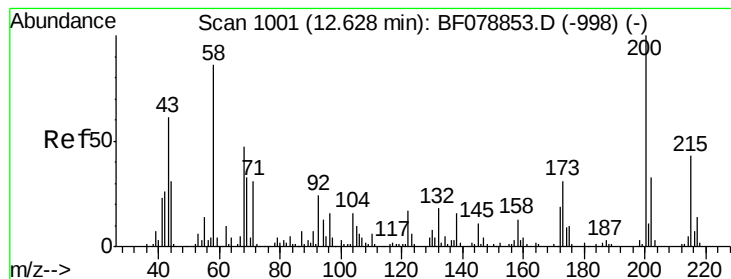
#67
 Hexachlorobenzene
 Concen: 34.56 ng
 RT: 12.29 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Tgt Ion:284 Resp: 101116
 Ion Ratio Lower Upper
 284 100
 142 20.6 43.2 64.8#
 249 26.1 27.5 41.3#



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





#68

Atrazine

Concen: 31.50 ng

RT: 12.43 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83262BS

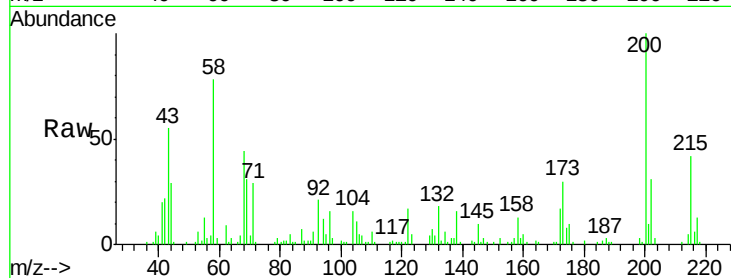
Tgt Ion:200 Resp: 74920

Ion Ratio Lower Upper

200 100

173 30.2 10.9 50.9

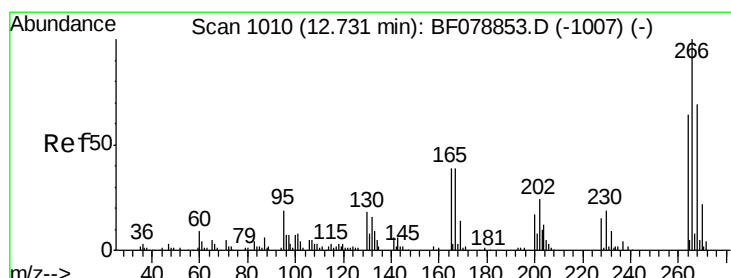
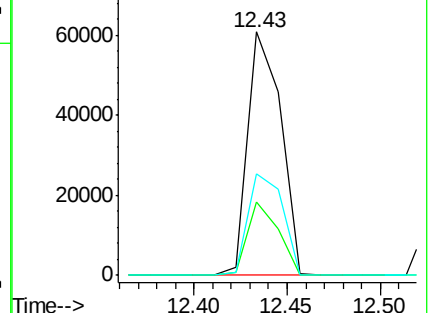
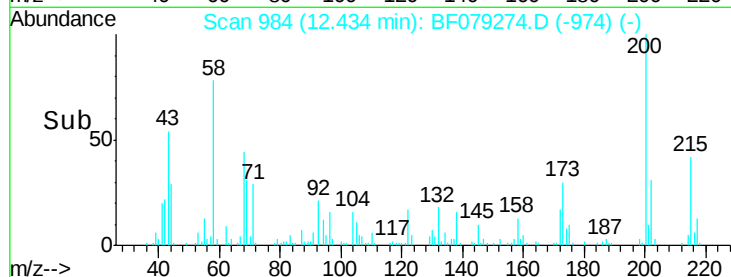
215 41.7 23.2 63.2



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: 61.62 ng

RT: 12.54 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

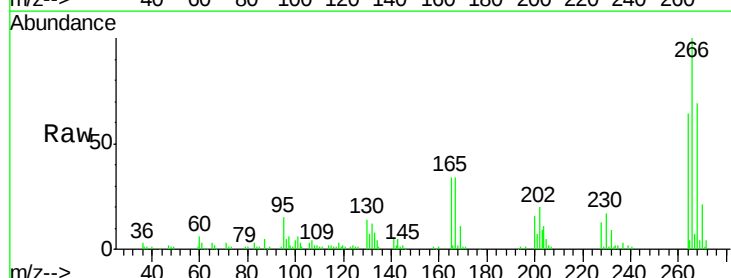
Tgt Ion:266 Resp: 102529

Ion Ratio Lower Upper

266 100

268 69.3 55.0 82.6

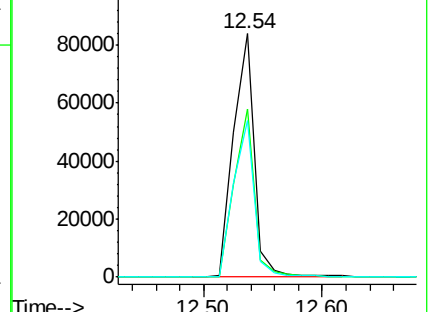
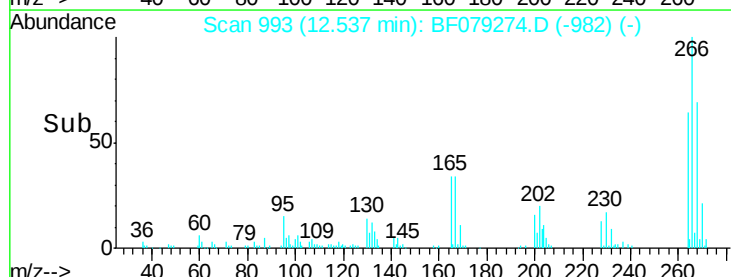
264 64.3 50.9 76.3

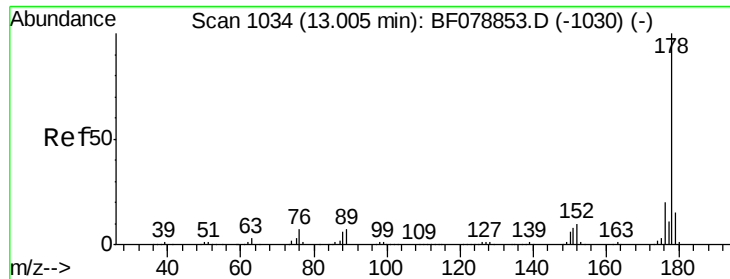


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

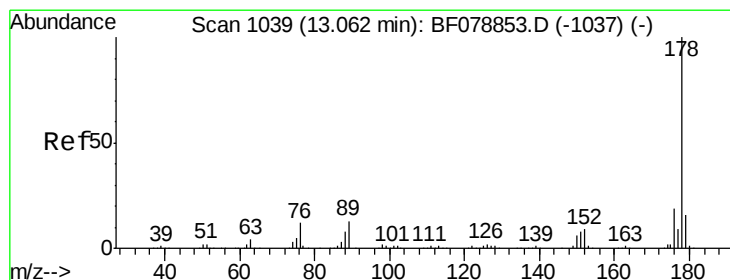
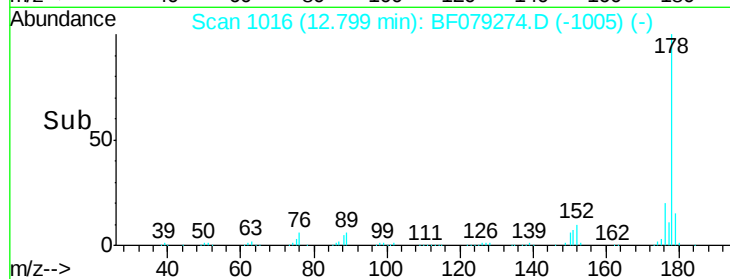
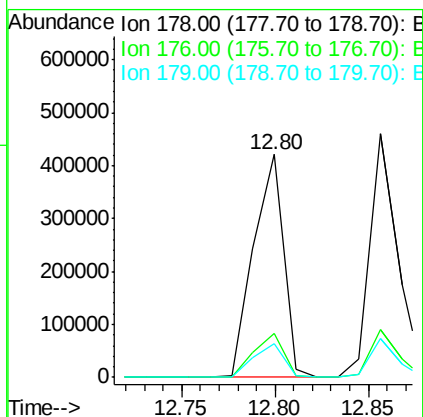
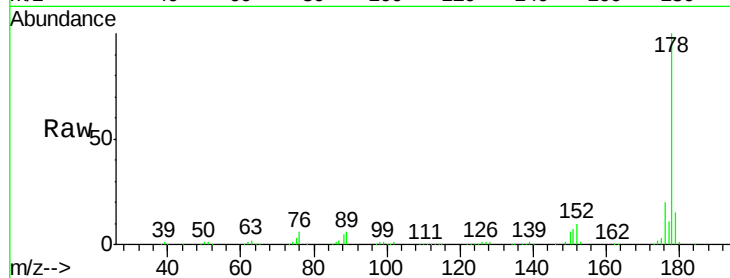




#70
Phenanthrene
Concen: 34.17 ng
RT: 12.80 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF079274.D
Acq: 15 May 2015 17:17

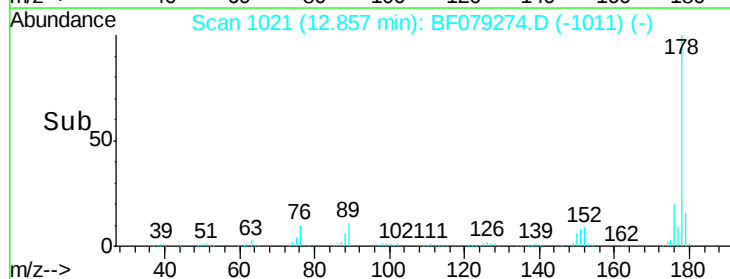
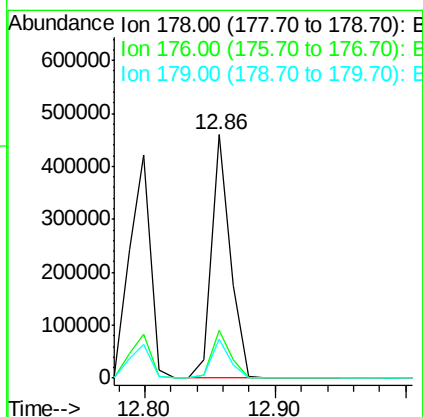
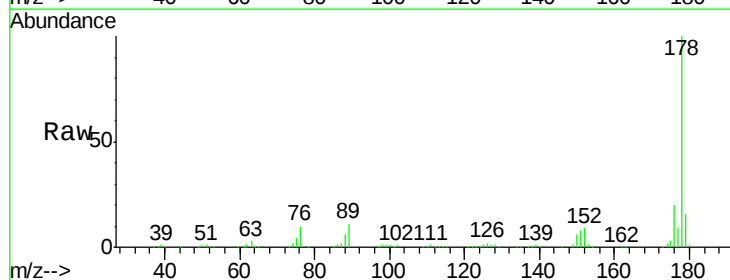
Instrument :
BNA_F
ClientSampleId :
PB83262BS

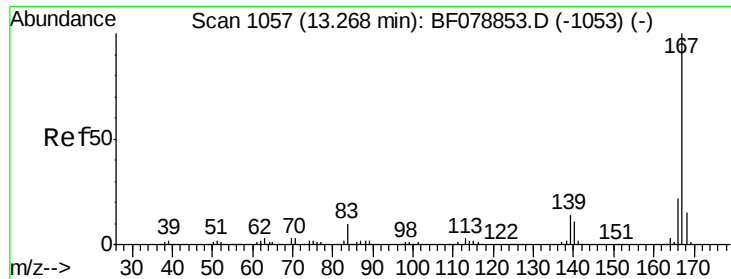
Tgt Ion:178 Resp: 469436
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.0 12.2 18.4



#71
Anthracene
Concen: 34.39 ng
RT: 12.86 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF079274.D
Acq: 15 May 2015 17:17

Tgt Ion:178 Resp: 463439
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 15.9 12.6 19.0

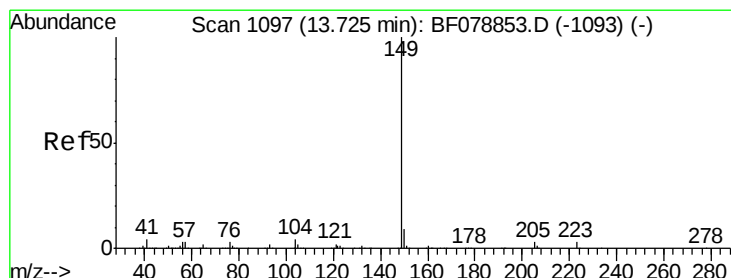
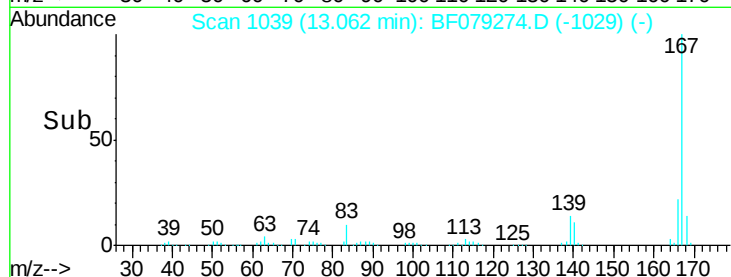
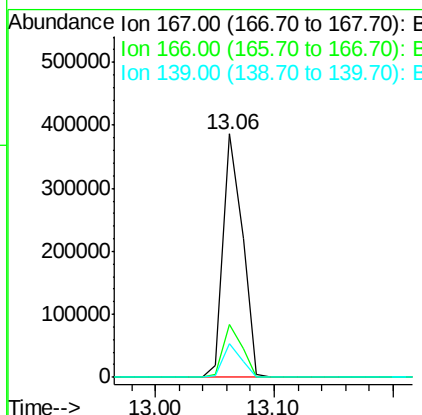
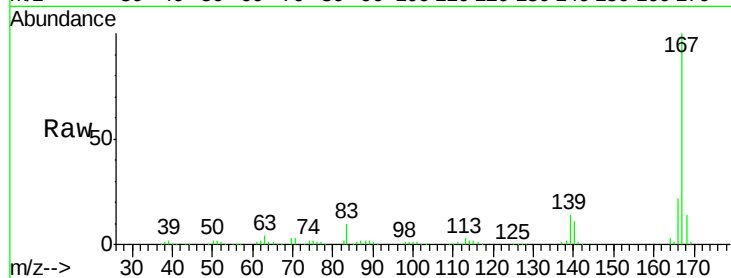




#72
 Carbazole
 Concen: 33.84 ng
 RT: 13.06 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

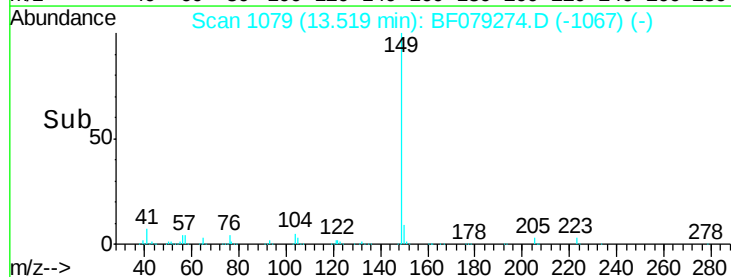
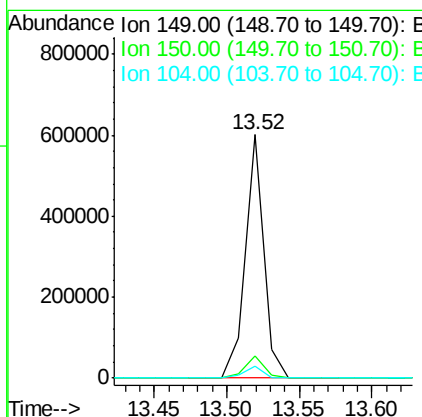
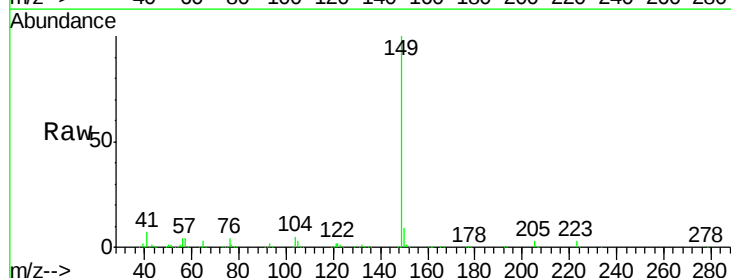
Instrument :
 BNA_F
 ClientSampleId :
 PB83262BS

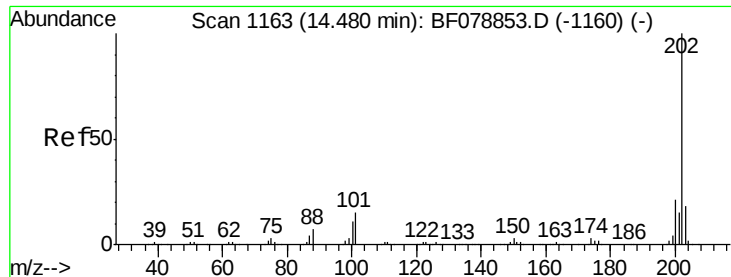
Tgt Ion:167 Resp: 434653
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.5 26.3
 139 14.0 11.0 16.4



#73
 Di-n-butylphthalate
 Concen: 34.33 ng
 RT: 13.52 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Tgt Ion:149 Resp: 528907
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.0 10.4
 104 4.8 3.3 4.9

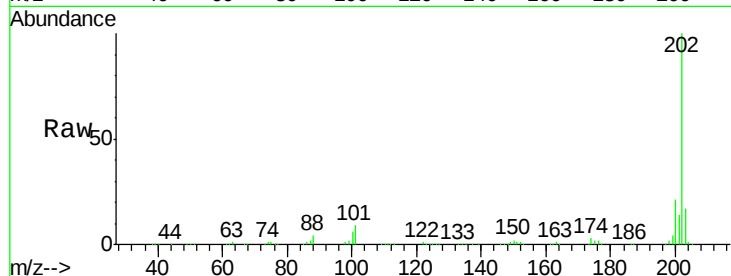




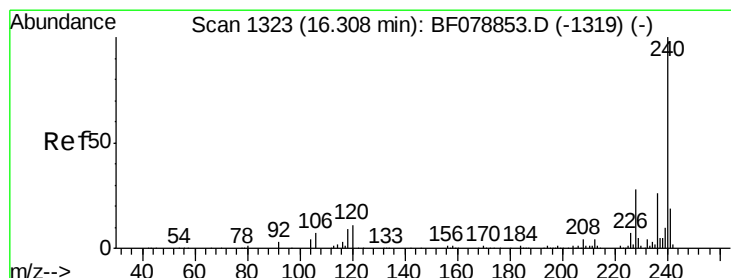
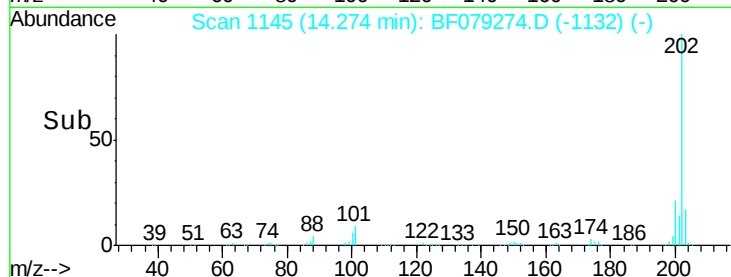
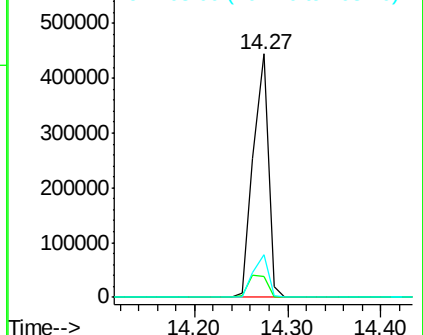
#74
 Fluoranthene
 Concen: 34.96 ng
 RT: 14.27 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83262BS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	34.7
203	17.5	0.0	37.9

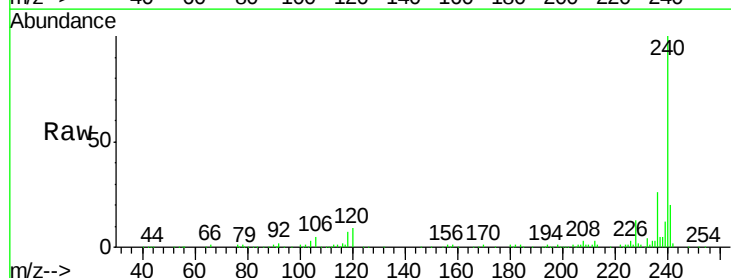


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

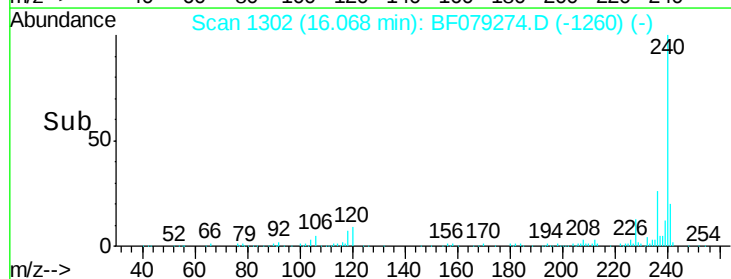
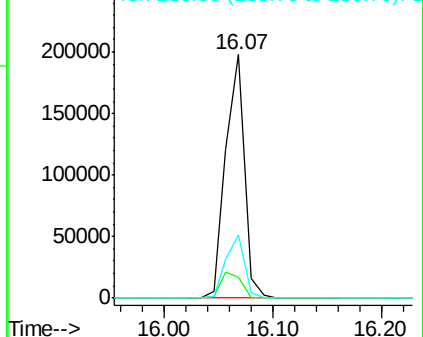


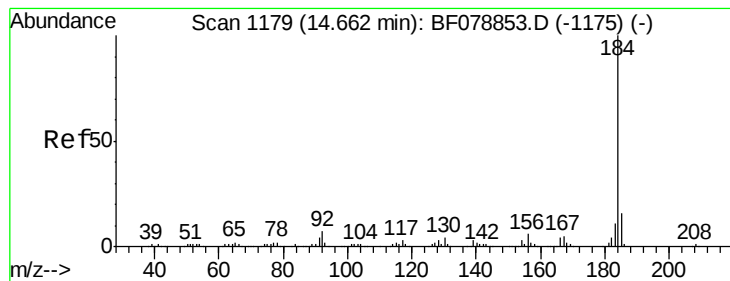
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.07 min Scan# 1302
 Delta R.T. -0.02 min
 Lab File: BF079274.D
 Acq: 15 May 2015 17:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.6	12.8
236	25.8	21.0	31.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 25.14 ng

RT: 14.46 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83262BS

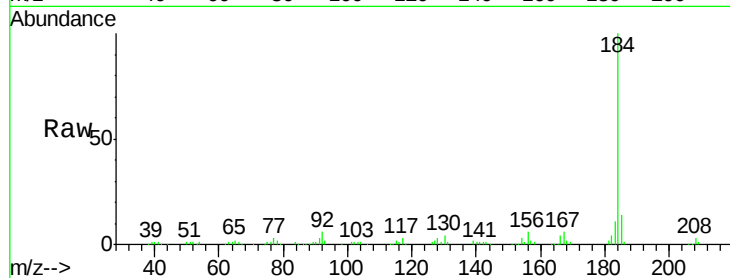
Tgt Ion:184 Resp: 160541

Ion Ratio Lower Upper

184 100

185 14.3 12.8 19.2

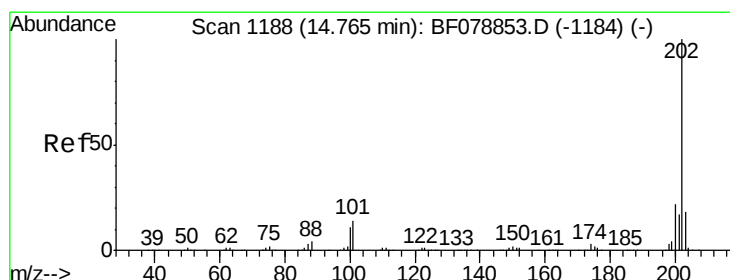
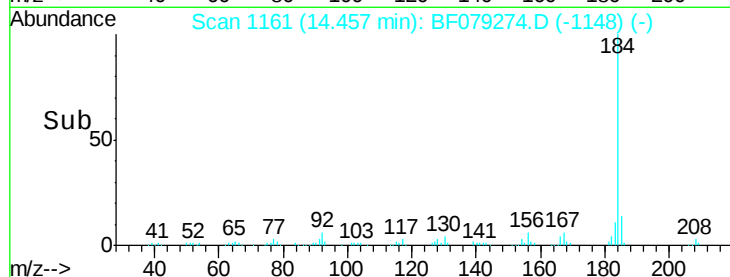
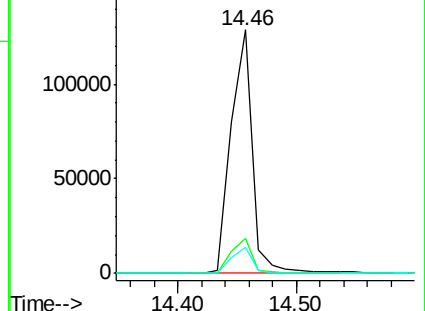
183 10.5 9.0 13.4



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: 37.11 ng

RT: 14.55 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

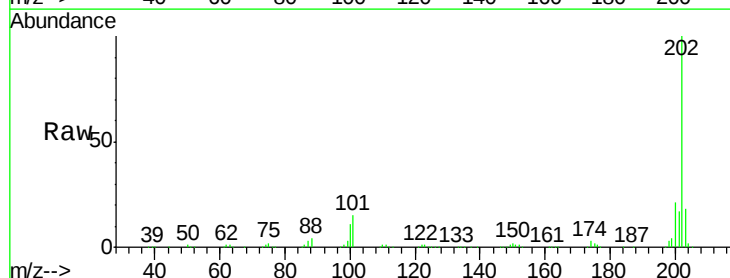
Tgt Ion:202 Resp: 506661

Ion Ratio Lower Upper

202 100

200 21.4 17.5 26.3

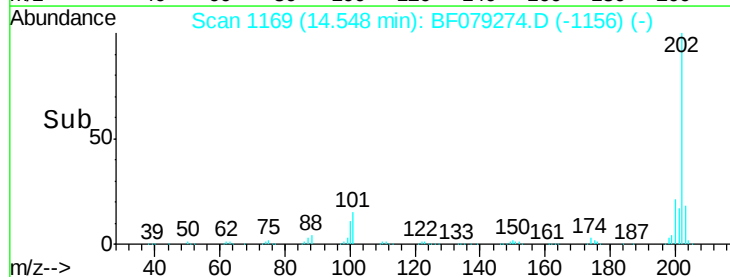
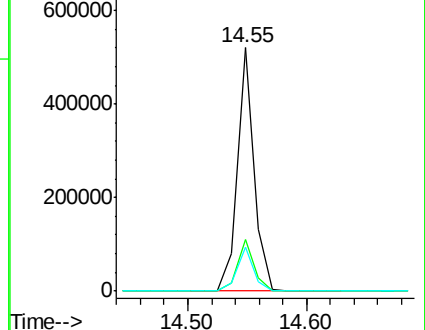
203 18.3 14.7 22.1

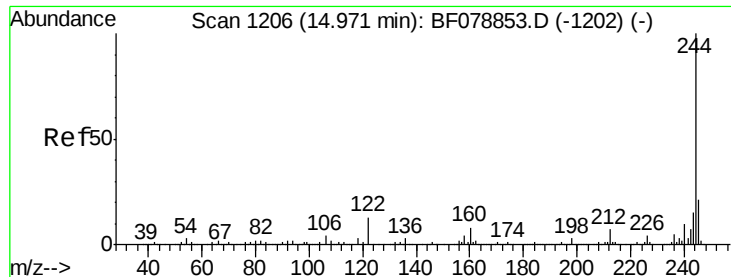


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 70.40 ng

RT: 14.77 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83262BS

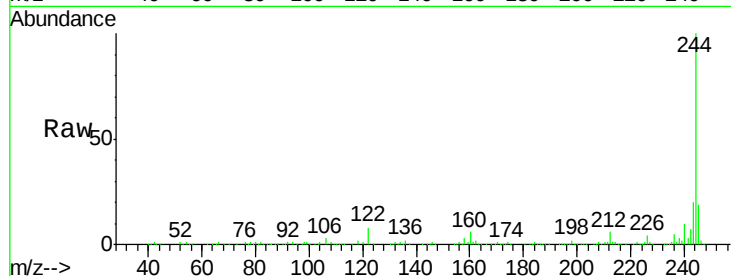
Tgt Ion:244 Resp: 696706

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

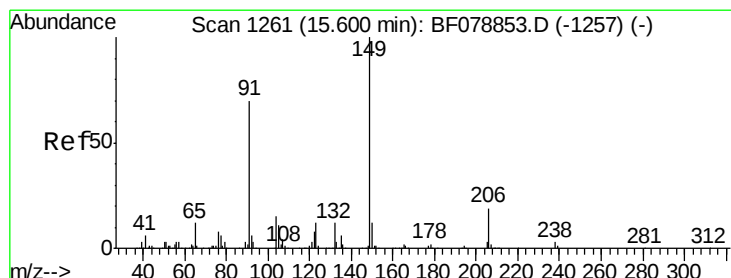
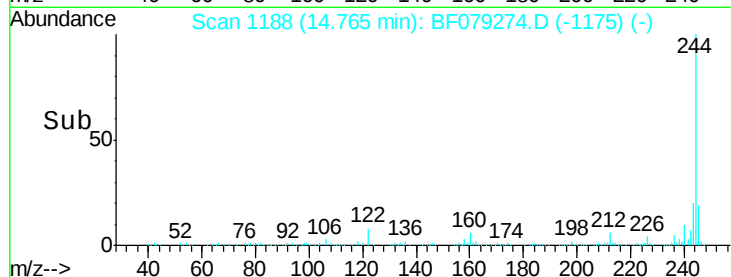
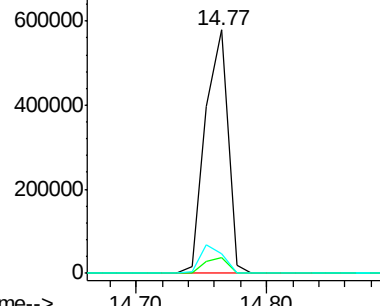
122 8.1 10.5 15.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 37.97 ng

RT: 15.38 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

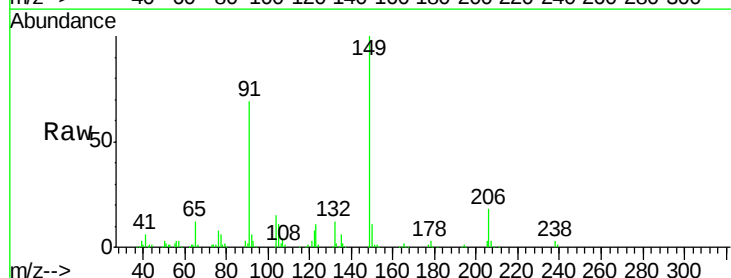
Tgt Ion:149 Resp: 226572

Ion Ratio Lower Upper

149 100

91 69.0 56.2 84.2

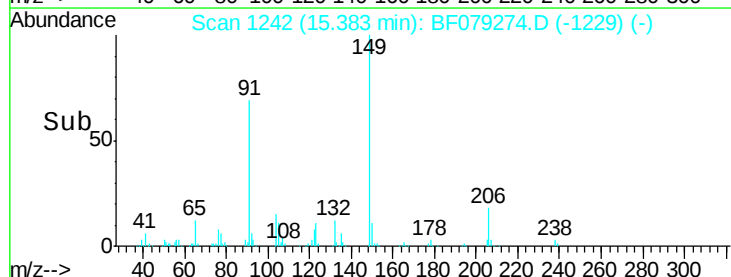
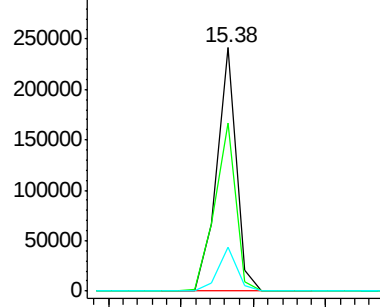
206 18.2 15.2 22.8

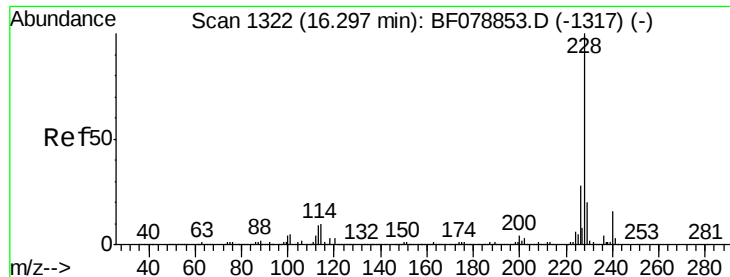


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 36.11 ng

RT: 16.06 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83262BS

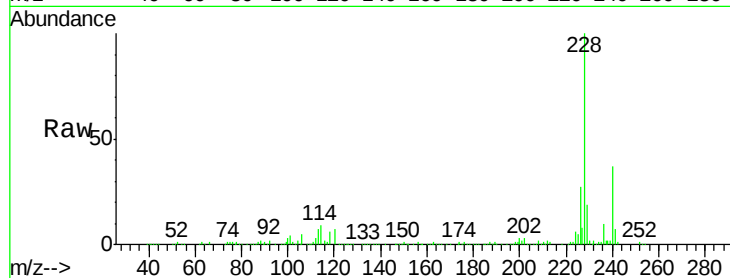
Tgt Ion:228 Resp: 468492

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

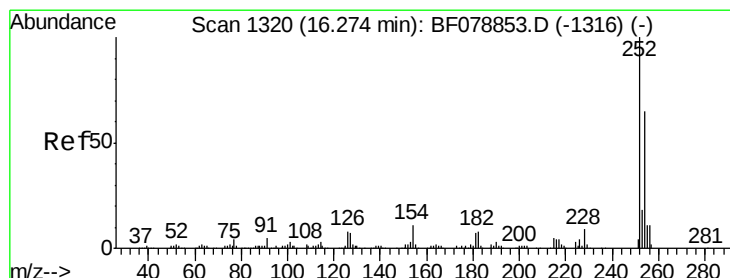
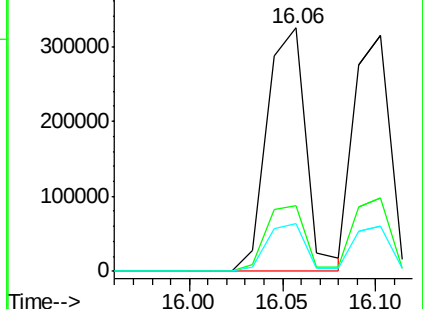
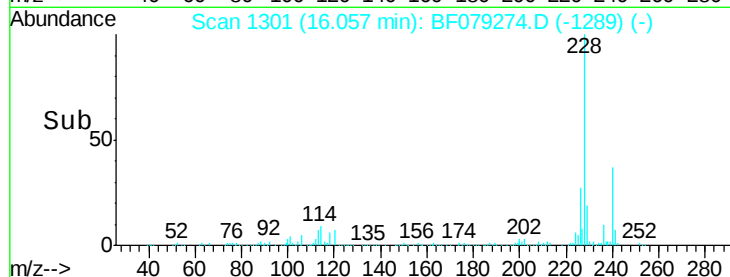
229 19.4 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 31.31 ng

RT: 16.03 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

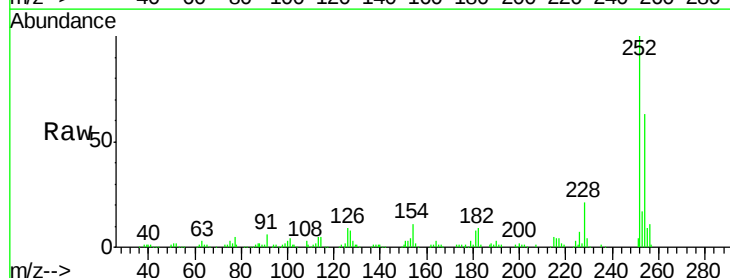
Tgt Ion:252 Resp: 144701

Ion Ratio Lower Upper

252 100

254 63.3 52.2 78.2

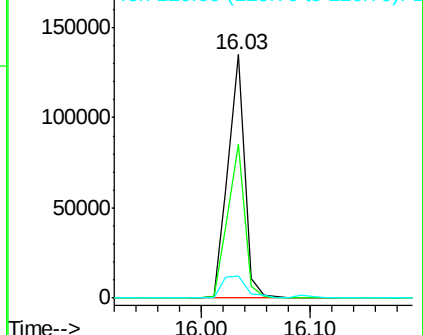
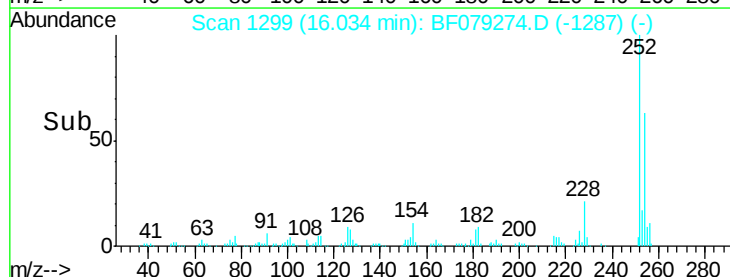
126 8.9 6.6 9.8

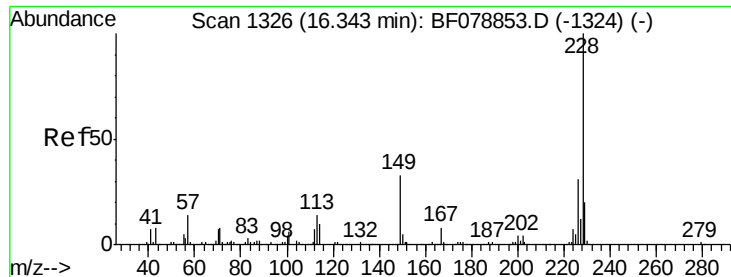


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 33.72 ng

RT: 16.10 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83262BS

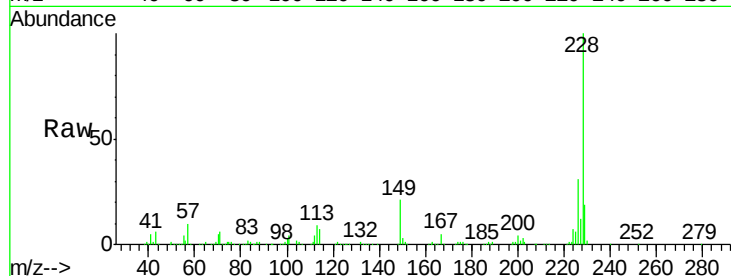
Tgt Ion:228 Resp: 420778

Ion Ratio Lower Upper

228 100

226 31.1 24.8 37.2

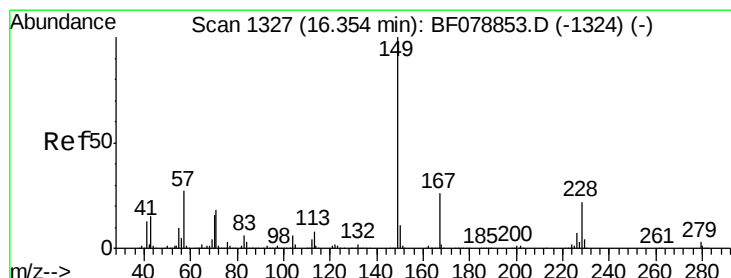
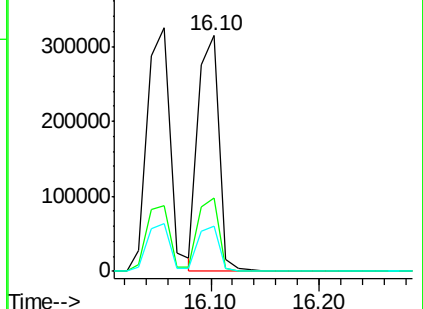
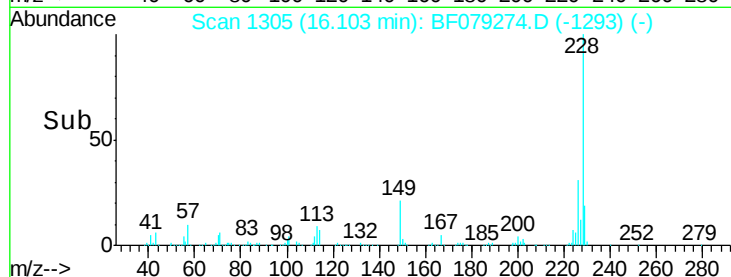
229 19.4 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 37.02 ng

RT: 16.11 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

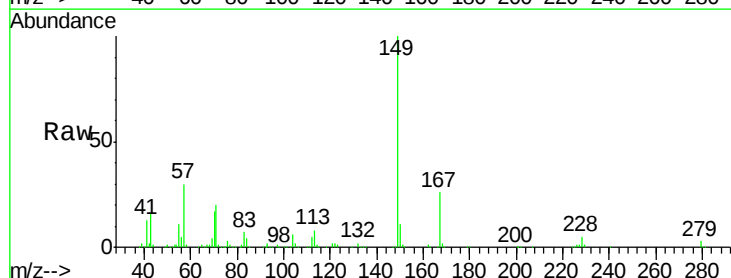
Tgt Ion:149 Resp: 334588

Ion Ratio Lower Upper

149 100

167 26.0 21.2 31.8

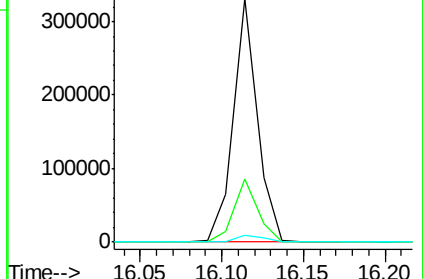
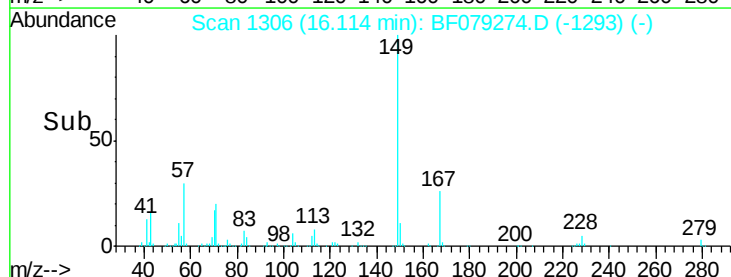
279 2.7 2.6 4.0

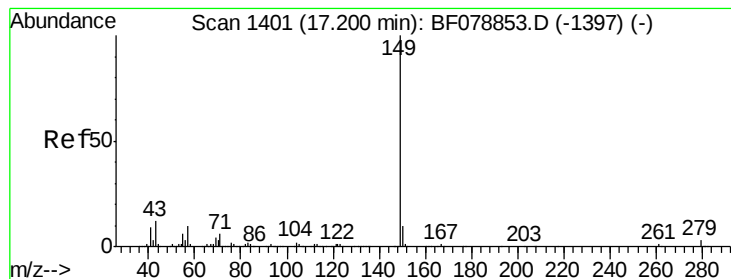


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 34.72 ng

RT: 16.94 min Scan# 1378

Delta R.T. -0.06 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83262BS

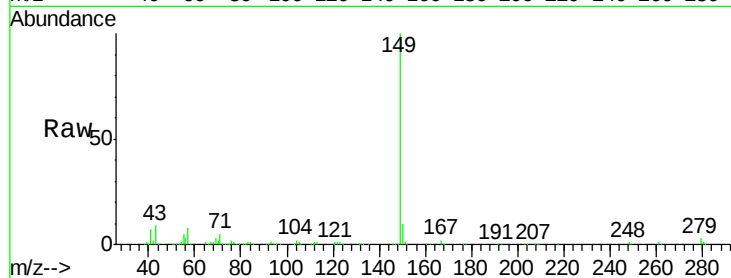
Tgt Ion:149 Resp: 552734

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

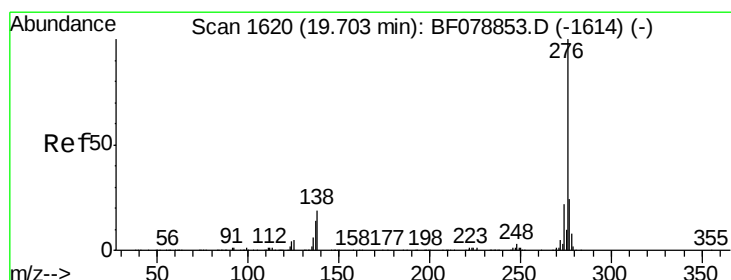
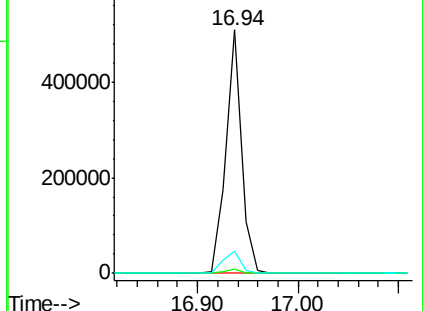
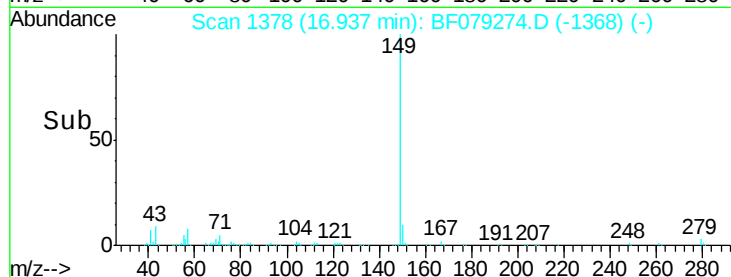
43 10.2 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 32.43 ng

RT: 19.27 min Scan# 1582

Delta R.T. -0.09 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

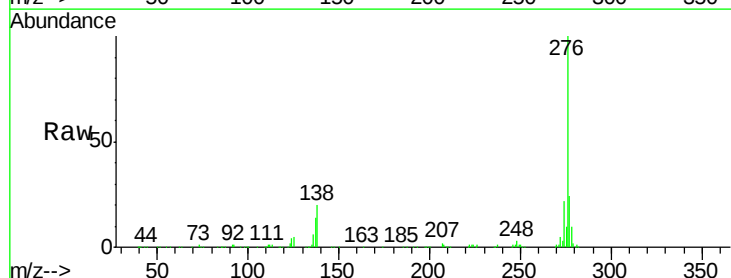
Tgt Ion:276 Resp: 515629

Ion Ratio Lower Upper

276 100

138 25.2 21.1 31.7

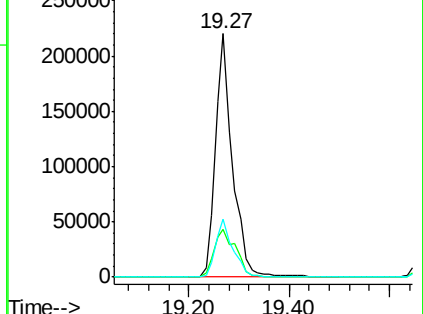
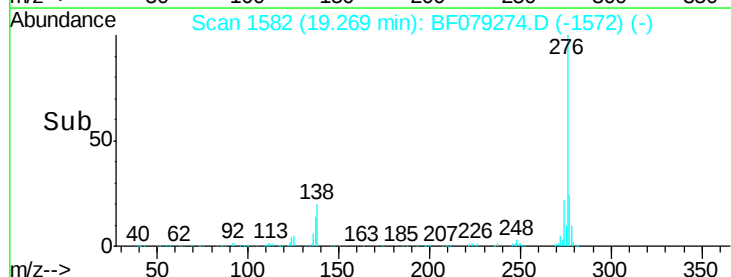
277 24.7 19.9 29.9

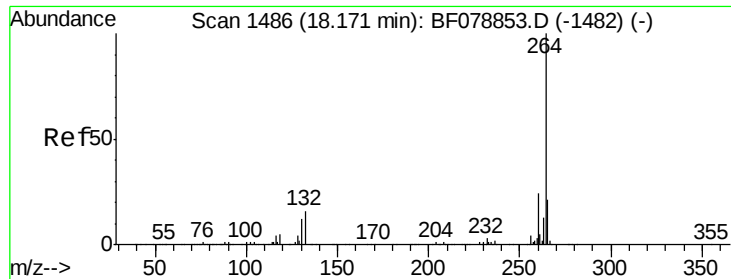


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

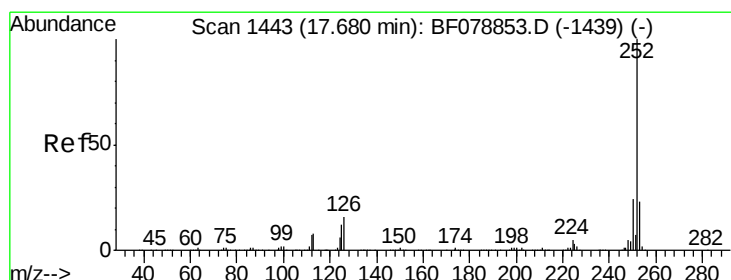
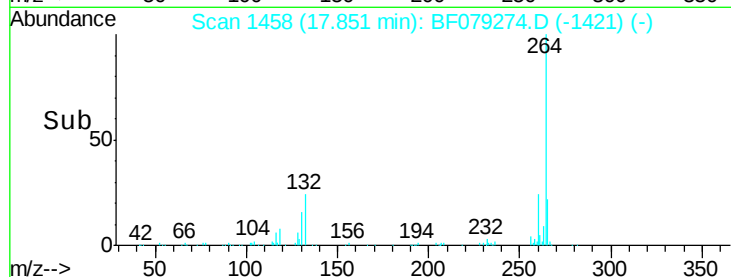
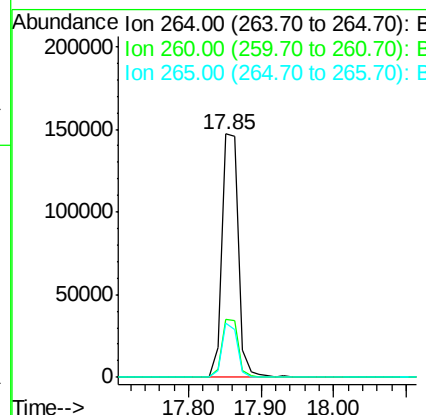
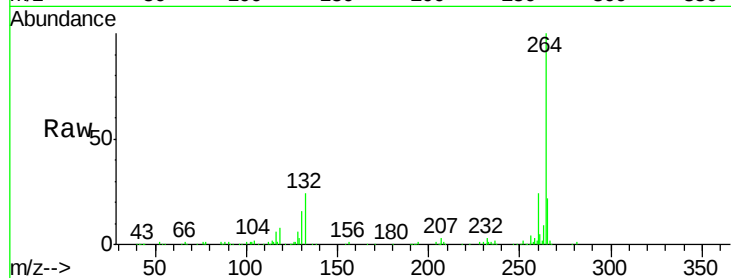




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.85 min Scan# 1458
Delta R.T. -0.08 min
Lab File: BF079274.D
Acq: 15 May 2015 17:17

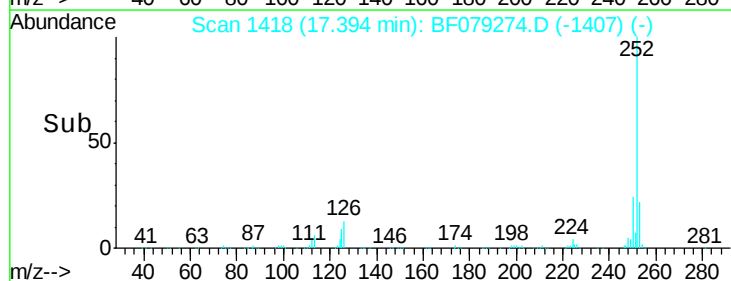
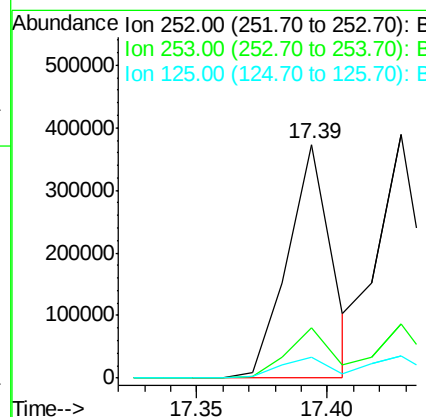
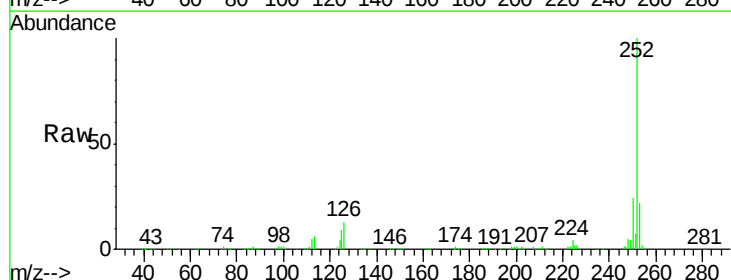
Instrument :
BNA_F
ClientSampleId :
PB83262BS

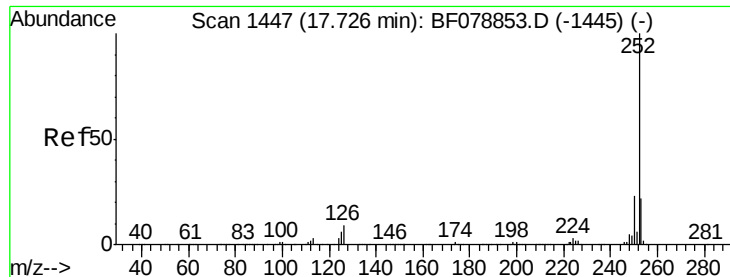
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.2	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 34.53 ng
RT: 17.39 min Scan# 1418
Delta R.T. -0.06 min
Lab File: BF079274.D
Acq: 15 May 2015 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	9.1	9.4	14.2#





#88

Benzo(k)fluoranthene

Concen: 35.67 ng

RT: 17.39 min Scan# 1418

Delta R.T. -0.10 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83262BS

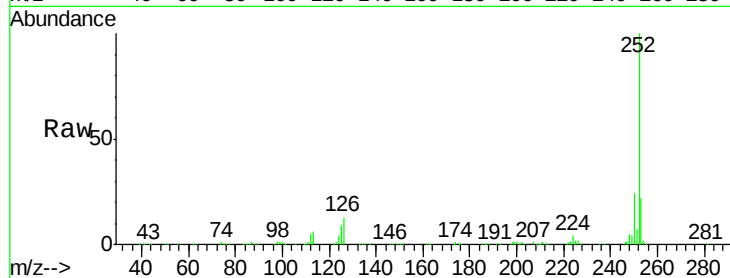
Tgt Ion:252 Resp: 437034

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

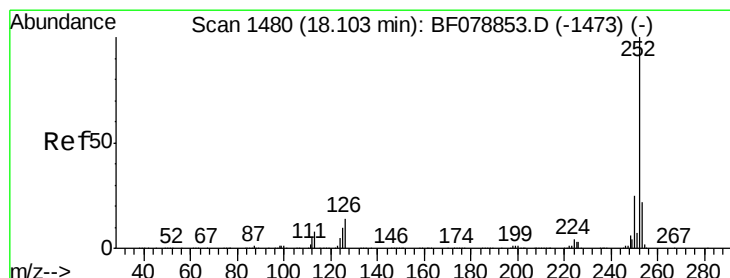
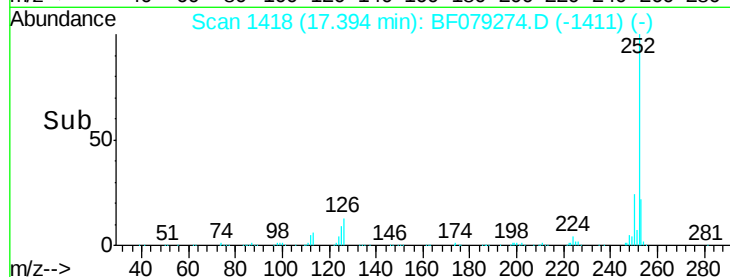
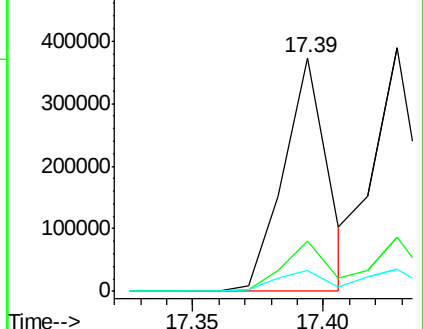
125 9.1 6.1 9.1



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



#89

Benzo(a)pyrene

Concen: 37.38 ng

RT: 17.79 min Scan# 1453

Delta R.T. -0.07 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

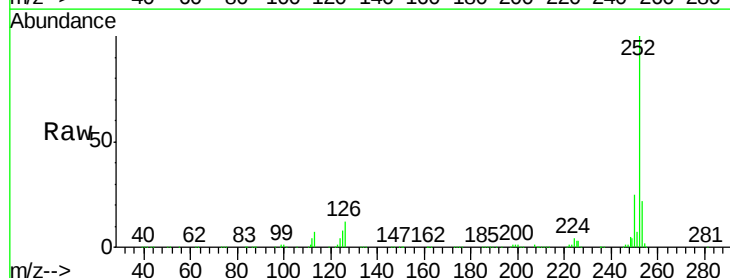
Tgt Ion:252 Resp: 435654

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

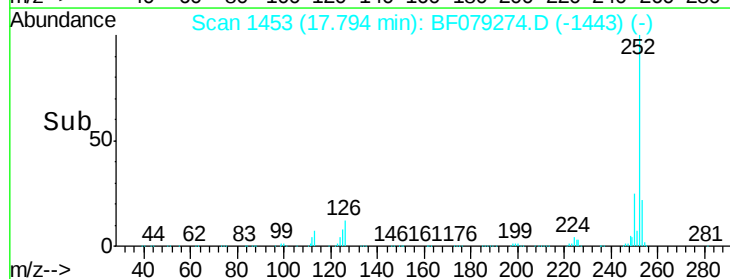
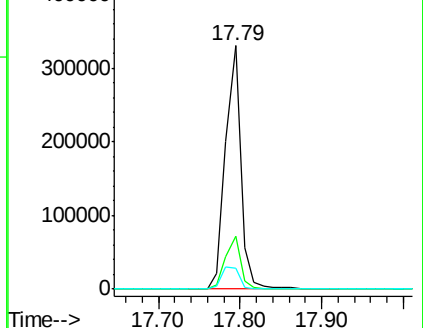
125 8.5 8.2 12.2

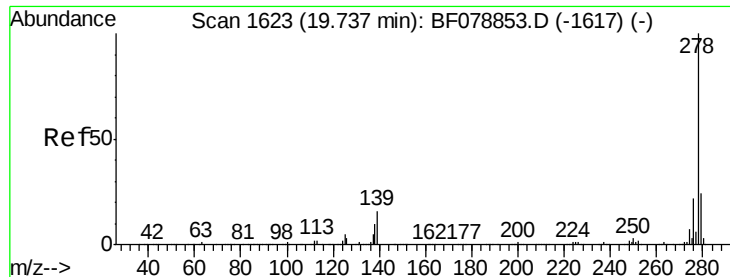


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 34.36 ng

RT: 19.29 min Scan# 1584

Delta R.T. -0.10 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

Instrument :

BNA_F

ClientSampleId :

PB83262BS

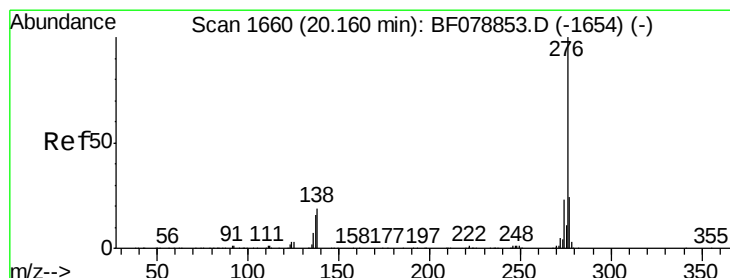
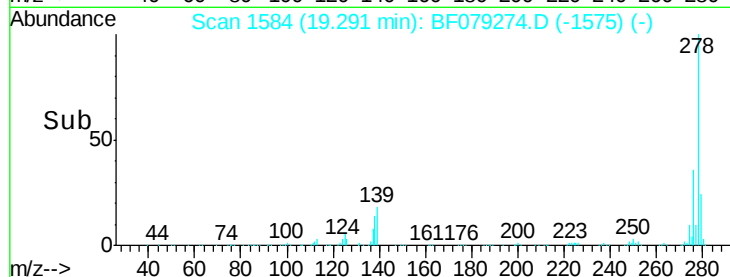
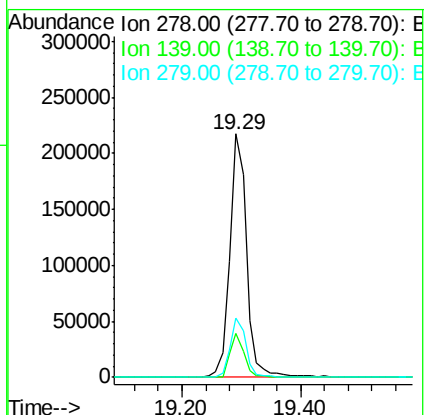
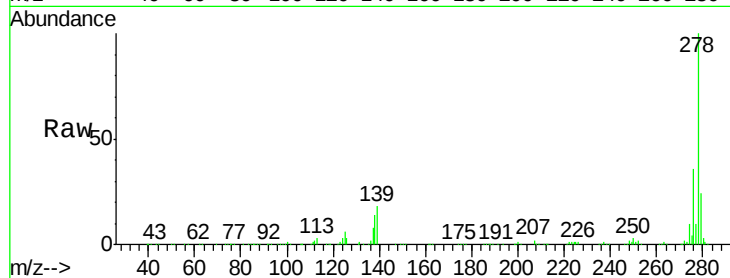
Tgt Ion: 278 Resp: 425590

Ion Ratio Lower Upper

278 100

139 18.2 13.1 19.7

279 24.3 19.1 28.7



#91

Benzo(g,h,i)perylene

Concen: 35.28 ng

RT: 19.68 min Scan# 1618

Delta R.T. -0.10 min

Lab File: BF079274.D

Acq: 15 May 2015 17:17

Tgt Ion: 276 Resp: 437939

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 21.6 15.2 22.8

