

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052015\
 Data File : BF079381.D
 Acq On : 20 May 2015 16:36
 Operator : TP/IZ
 Sample : PB83494BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83494BS

Quant Time: May 21 01:12:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 00:52:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.08	152	69449	20.00	ng	0.00
21) Naphthalene-d8	8.66	136	278986	20.00	ng	0.00
38) Acenaphthene-d10	10.83	164	140801	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	269388	20.00	ng	0.00
75) Chrysene-d12	15.97	240	274241	20.00	ng	-0.01
86) Perylene-d12	17.76	264	280925	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	452101	112.06	ng	0.00
7) Phenol-d6	6.66	99	565785	106.09	ng	0.00
23) Nitrobenzene-d5	7.78	82	331081	68.20	ng	0.00
41) 2,4,6-Tribromophenol	11.82	330	175665	115.33	ng	0.00
44) 2-Fluorobiphenyl	10.01	172	674444	66.74	ng	0.00
78) Terphenyl-d14	14.66	244	807504	70.50	ng	-0.01

Target Compounds

						Qvalue
6) Aniline	6.67	93	136172	18.09	ng	# 40
8) 2-Chlorophenol	6.82	128	168915	36.91	ng	87
9) Benzaldehyde	6.54	77	31728	8.83	ng	98
10) Phenol	6.68	94	210870	34.09	ng	87
11) bis(2-Chloroethyl)ether	6.79	93	155239	34.23	ng	99
12) 1,3-Dichlorobenzene	7.00	146	179348	34.87	ng	# 90
13) 1,4-Dichlorobenzene	7.11	146	182608	34.50	ng	99
14) 1,2-Dichlorobenzene	7.29	146	173411	35.19	ng	99
15) Benzyl Alcohol	7.28	79	135864	34.32	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.46	45	231198	33.32	ng	92
17) 2-Methylphenol	7.43	107	135376	36.76	ng	94
18) Hexachloroethane	7.70	117	62388	34.22	ng	# 83
19) n-Nitroso-di-n-propylamine	7.61	70	123030	34.16	ng	99
20) 3+4-Methylphenols	7.62	107	178547	36.39	ng	# 46
22) Acetophenone	7.60	105	233888	37.11	ng	# 90
24) Nitrobenzene	7.80	77	170122	35.36	ng	92
25) Isophorone	8.11	82	318528	35.39	ng	98
26) 2-Nitrophenol	8.20	139	79303	39.82	ng	94
27) 2,4-Dimethylphenol	8.27	122	158831	39.86	ng	96
28) bis(2-Chloroethoxy)methane	8.39	93	197735	35.64	ng	99
29) 2,4-Dichlorophenol	8.50	162	143677	40.54	ng	93
30) 1,2,4-Trichlorobenzene	8.60	180	140960	36.21	ng	97
31) Naphthalene	8.70	128	482261	36.28	ng	99
32) Benzoic acid	8.39	122	80741	34.40	ng	98
33) 4-Chloroaniline	8.78	127	110901	19.72	ng	# 88
34) Hexachlorobutadiene	8.84	225	78982	35.23	ng	97
35) Caprolactam	9.20	113	43535	37.99	ng	93
36) 4-Chloro-3-methylphenol	9.38	107	141423	37.99	ng	86
37) 2-Methylnaphthalene	9.55	142	346621	37.63	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.76	216	135576	34.19	ng	99
40) Hexachlorocyclopentadiene	9.74	237	101273	50.79	ng	94
42) 2,4,6-Trichlorophenol	9.91	196	96141	35.27	ng	98
43) 2,4,5-Trichlorophenol	9.95	196	101093	36.68	ng	# 92
45) 1,1'-Biphenyl	10.14	154	404195	36.11	ng	99

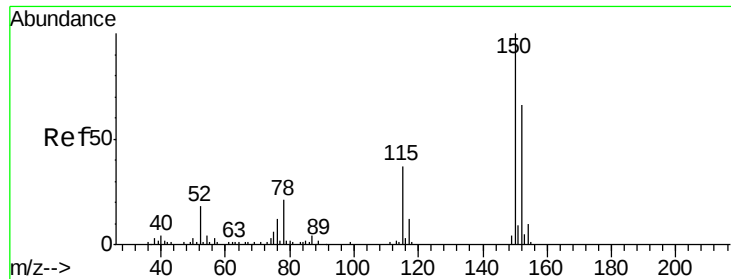
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052015\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	10.15	162	297964	34.13	ng	98
47) 2-Nitroaniline	10.28	65	89093	35.22	ng	# 85
48) Acenaphthylene	10.66	152	508989	35.51	ng	98
49) Dimethylphthalate	10.52	163	372774	36.07	ng	99
50) 2,6-Dinitrotoluene	10.59	165	74563	36.56	ng	# 45
51) Acenaphthene	10.88	154	294784	34.48	ng	99
52) 3-Nitroaniline	10.80	138	64757	25.42	ng	83
53) 2,4-Dinitrophenol	10.94	184	43350	60.40	ng	# 81
54) Dibenzofuran	11.10	168	443868	35.95	ng	94
55) 4-Nitrophenol	11.03	139	127961	63.46	ng	# 73
56) 2,4-Dinitrotoluene	11.10	165	103575	38.42	ng	# 90
57) Fluorene	11.52	166	363091	35.82	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.24	232	79284	35.20	ng	100
59) Diethylphthalate	11.41	149	372692	36.40	ng	96
60) 4-Chlorophenyl-phenylether	11.53	204	159256	35.42	ng	# 87
61) 4-Nitroaniline	11.55	138	92041	36.11	ng	92
62) Azobenzene	11.73	77	367129	36.39	ng	91
64) 4,6-Dinitro-2-methylphenol	11.60	198	36570	36.22	ng	75
65) n-Nitrosodiphenylamine	11.68	169	311748	34.75	ng	100
66) 4-Bromophenyl-phenylether	12.13	248	98085	34.93	ng	92
67) Hexachlorobenzene	12.19	284	113417	35.34	ng	# 67
68) Atrazine	12.35	200	99497	38.14	ng	97
69) Pentachlorophenol	12.45	266	105495	58.22	ng	99
70) Phenanthrene	12.70	178	515121	34.18	ng	99
71) Anthracene	12.77	178	544222	36.81	ng	100
72) Carbazole	12.97	167	512660	36.38	ng	99
73) Di-n-butylphthalate	13.43	149	619540	36.66	ng	# 98
74) Fluoranthene	14.17	202	575119	36.62	ng	100
76) Benzidine	14.37	184	204022	27.60	ng	97
77) Pyrene	14.46	202	614826	38.91	ng	98
79) Butylbenzylphthalate	15.29	149	278092	40.26	ng	96
80) Benzo(a)anthracene	15.95	228	547999	36.49	ng	99
81) 3,3'-Dichlorobenzidine	15.93	252	151068	28.24	ng	# 96
82) Chrysene	16.00	228	528136	36.56	ng	99
83) Bis(2-ethylhexyl)phthalate	16.02	149	413144	39.49	ng	# 98
84) Di-n-octyl phthalate	16.85	149	712759	38.68	ng	98
85) Indeno(1,2,3-cd)pyrene	19.13	276	676838	36.78	ng	100
87) Benzo(b)fluoranthene	17.29	252	597665	38.87	ng	98
88) Benzo(k)fluoranthene	17.33	252	539744	36.26	ng	# 95
89) Benzo(a)pyrene	17.69	252	554657	39.18	ng	99
90) Dibenzo(a,h)anthracene	19.15	278	556094	36.96	ng	99
91) Benzo(g,h,i)perylene	19.53	276	565245	37.48	ng	97

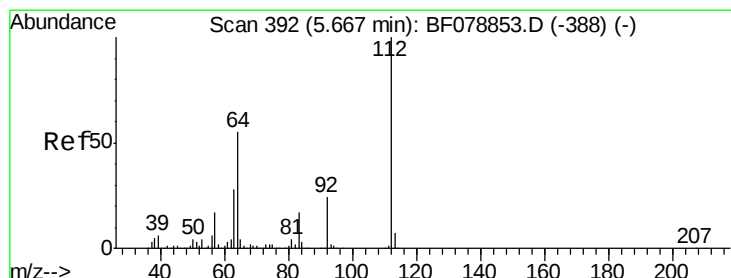
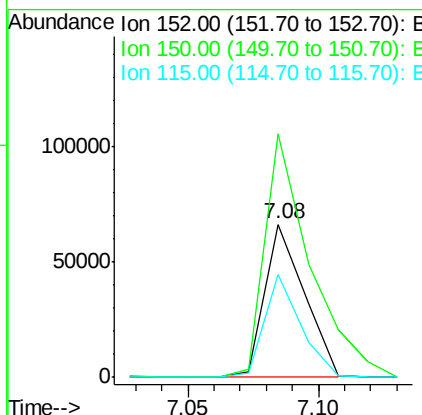
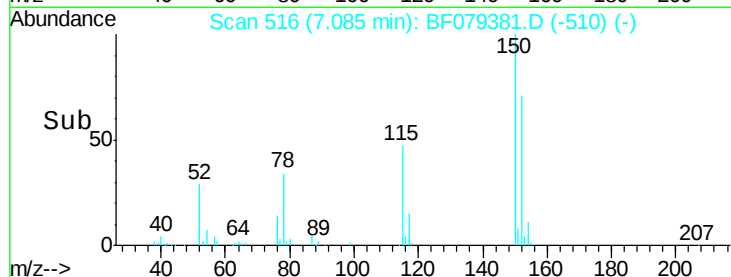
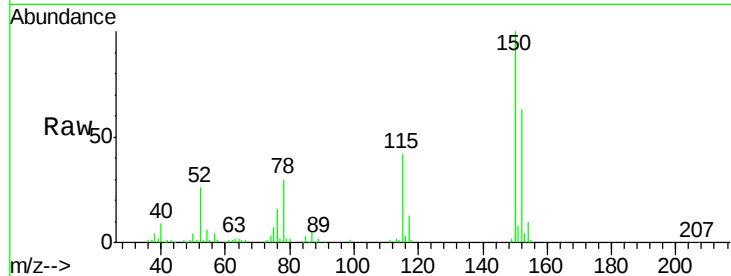
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.08 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

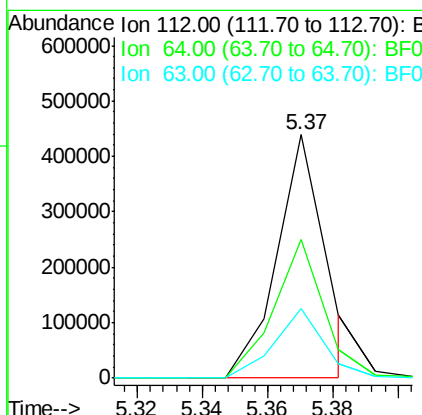
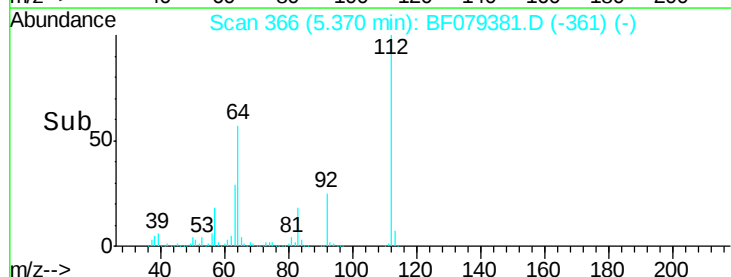
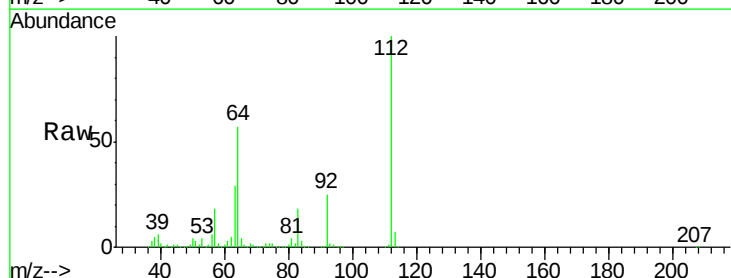
Instrument :
 BNA_F
 ClientSampleId :
 PB83494BS

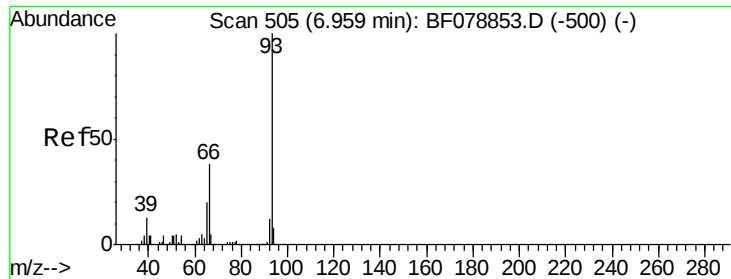
Tgt Ion:	152	Resp:	69449
Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.8	185.8
115	66.9	49.4	74.0



#5
 2-Fluorophenol
 Concen: 112.06 ng
 RT: 5.37 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion:	112	Resp:	452101
Ion	Ratio	Lower	Upper
112	100		
64	56.7	44.2	66.2
63	28.7	22.7	34.1





#6

Aniline

Concen: 18.09 ng

RT: 6.67 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

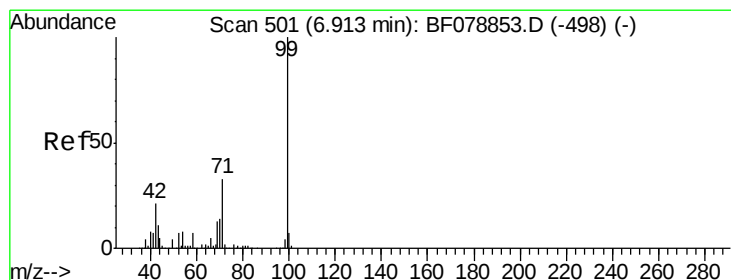
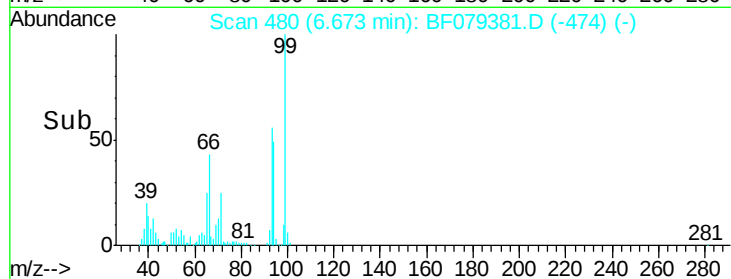
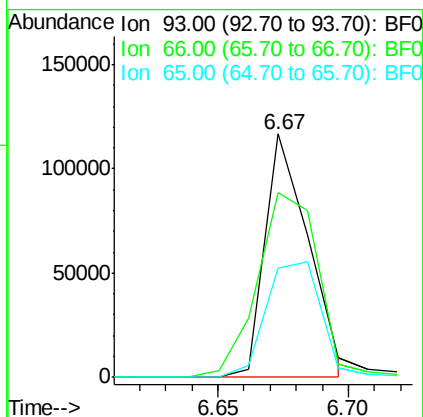
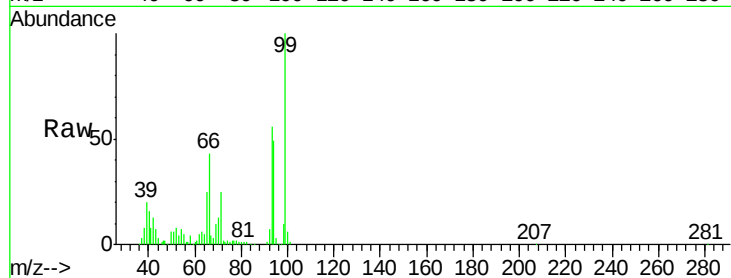
Tgt Ion: 93 Resp: 136172

Ion Ratio Lower Upper

93 100

66 76.1 30.7 46.1#

65 44.7 15.8 23.8#



#7

Phenol-d6

Concen: 106.09 ng

RT: 6.66 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

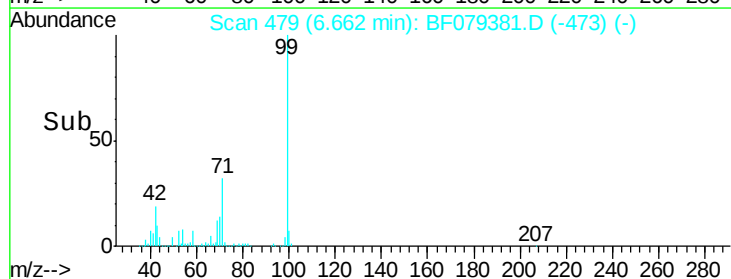
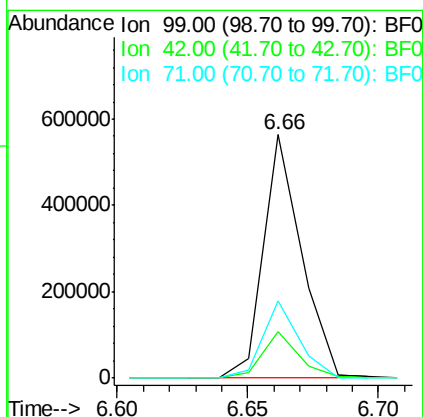
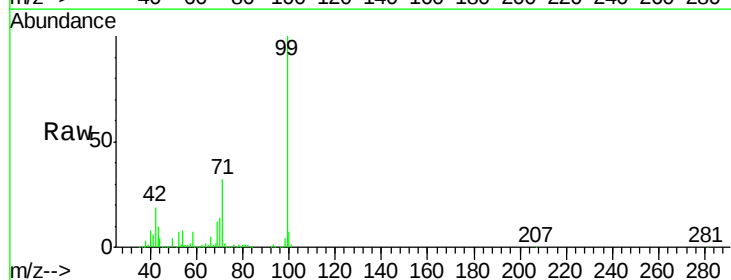
Tgt Ion: 99 Resp: 565785

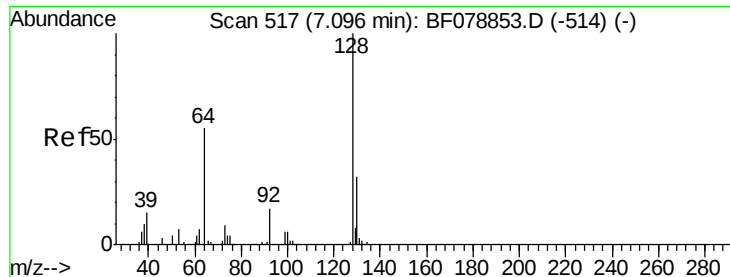
Ion Ratio Lower Upper

99 100

42 18.9 17.1 25.7

71 31.7 26.3 39.5





#8

2-Chlorophenol

Concen: 36.91 ng

RT: 6.82 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

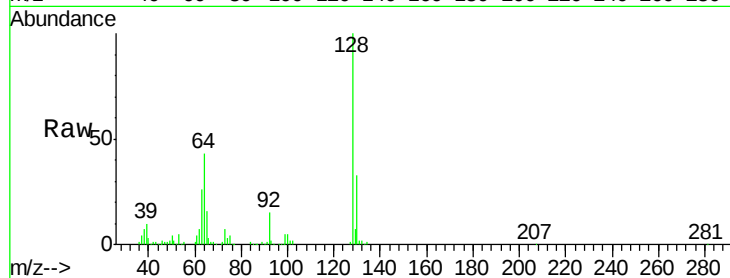
Tgt Ion:128 Resp: 168915

Ion Ratio Lower Upper

128 100

130 32.7 12.4 52.4

64 42.9 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

250000

200000

150000

100000

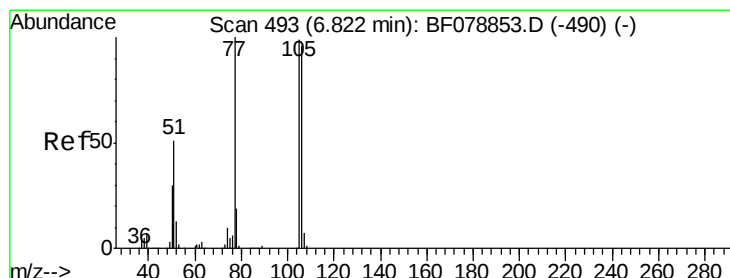
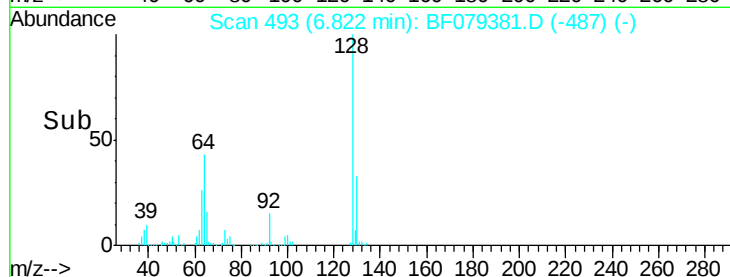
50000

0

6.82

6.80 6.85

Time-->



#9

Benzaldehyde

Concen: 8.83 ng

RT: 6.54 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

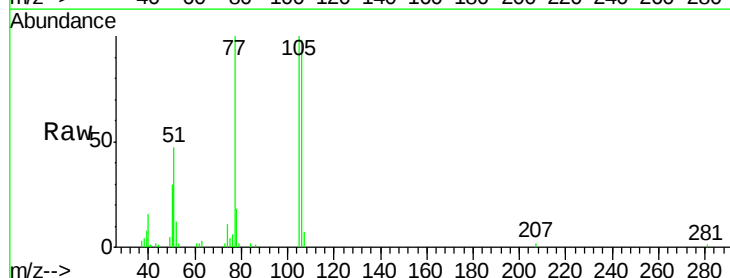
Tgt Ion: 77 Resp: 31728

Ion Ratio Lower Upper

77 100

105 100.0 78.9 118.9

106 98.2 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

40000

30000

20000

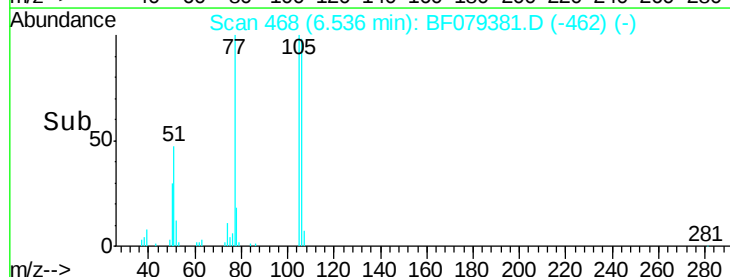
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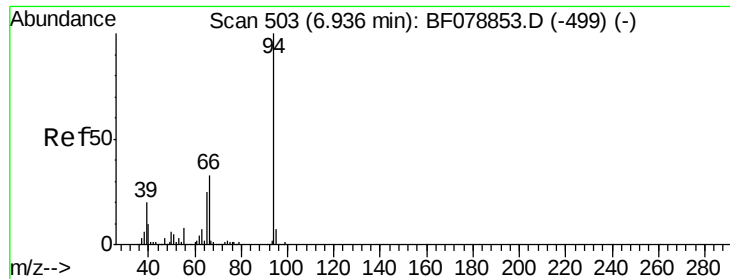
0

6.54

6.50 6.55

Time-->





#10

Phenol

Concen: 34.09 ng

RT: 6.68 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

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ClientSampleId :

PB83494BS

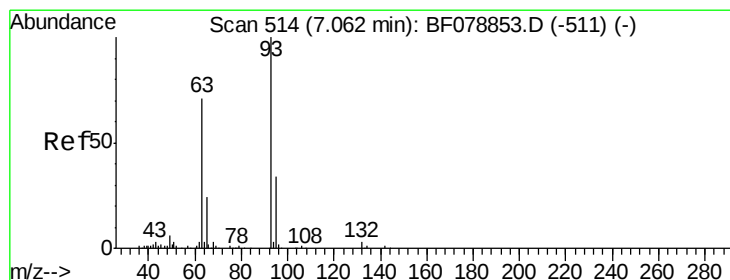
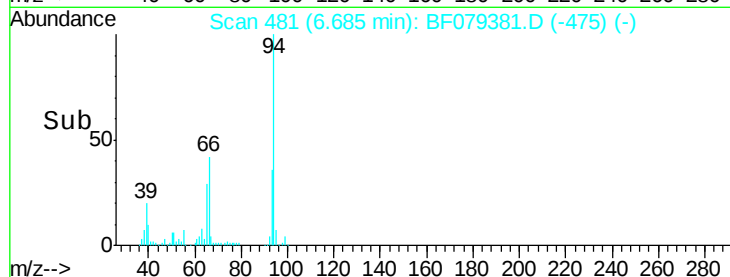
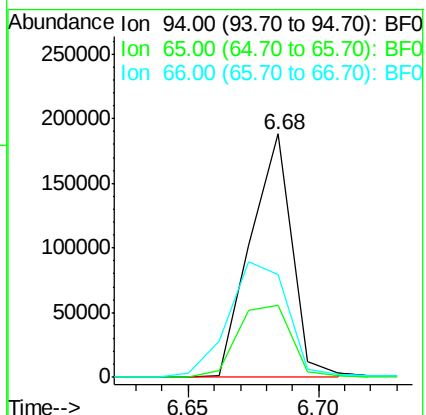
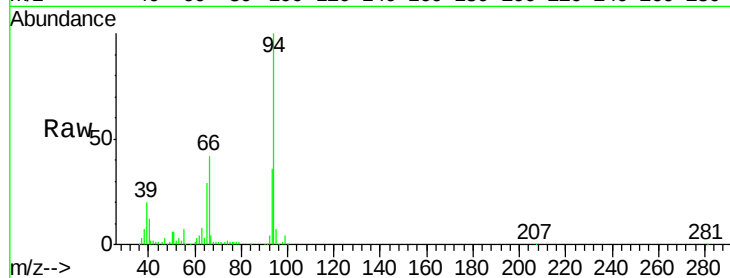
Tgt Ion: 94 Resp: 210870

Ion Ratio Lower Upper

94 100

65 29.4 5.1 45.1

66 42.4 13.1 53.1



#11

bis(2-Chloroethyl)ether

Concen: 34.23 ng

RT: 6.79 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

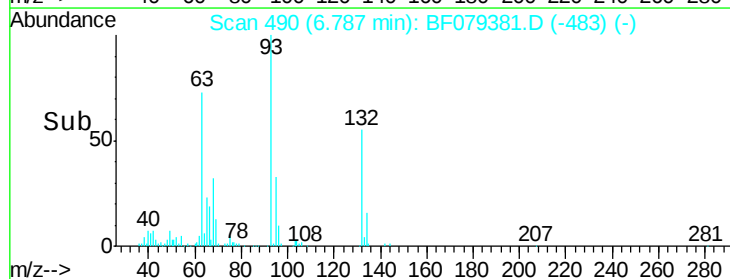
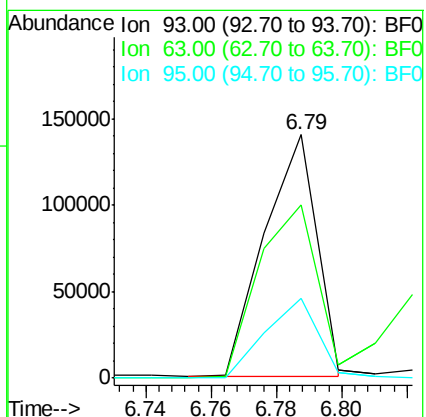
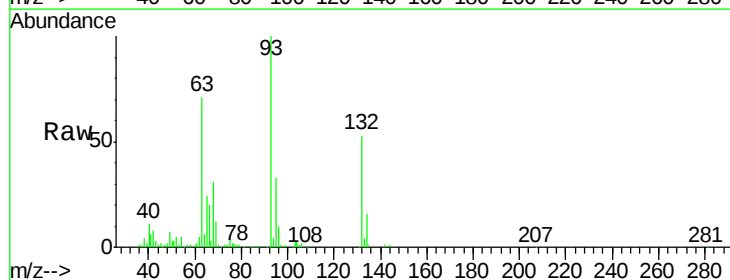
Tgt Ion: 93 Resp: 155239

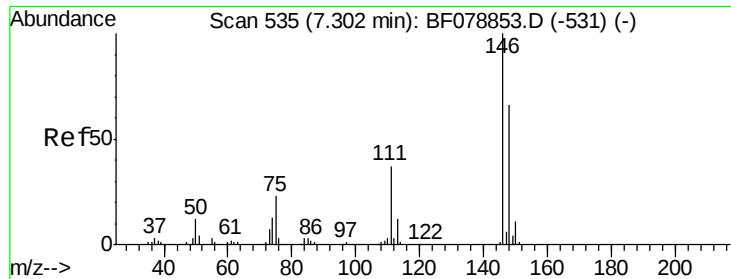
Ion Ratio Lower Upper

93 100

63 71.2 50.8 90.8

95 32.7 13.9 53.9





#12

1,3-Dichlorobenzene

Concen: 34.87 ng

RT: 7.00 min Scan# 509

Delta R.T. -0.00 min

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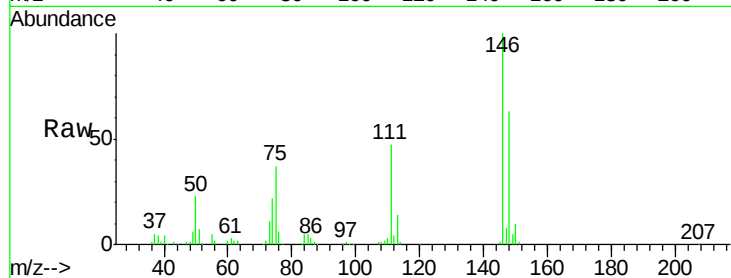
Tgt Ion:146 Resp: 179348

Ion Ratio Lower Upper

146 100

148 62.9 52.4 78.6

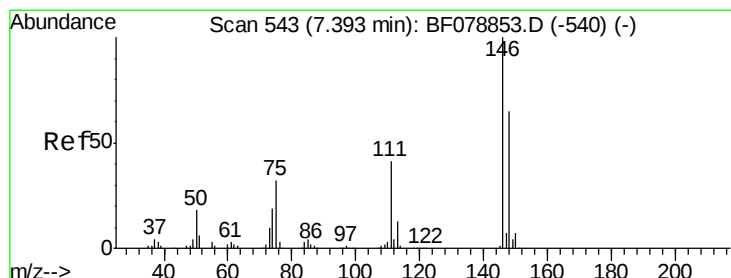
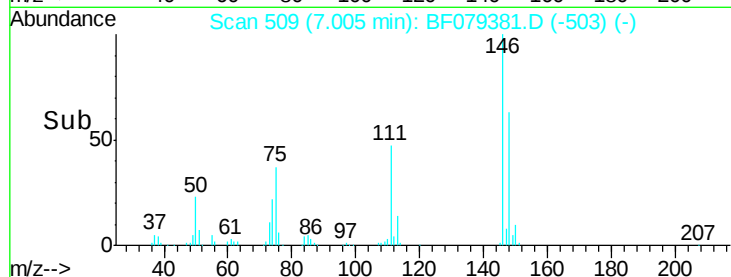
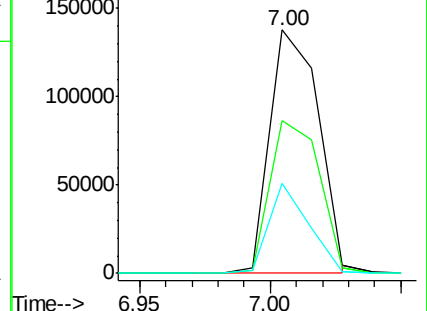
75 36.8 18.6 27.8#



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: 34.50 ng

RT: 7.11 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

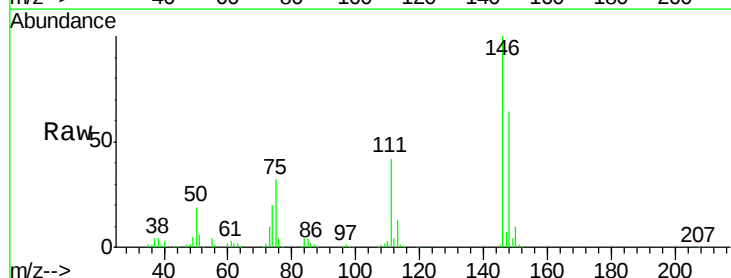
Tgt Ion:146 Resp: 182608

Ion Ratio Lower Upper

146 100

148 63.7 51.7 77.5

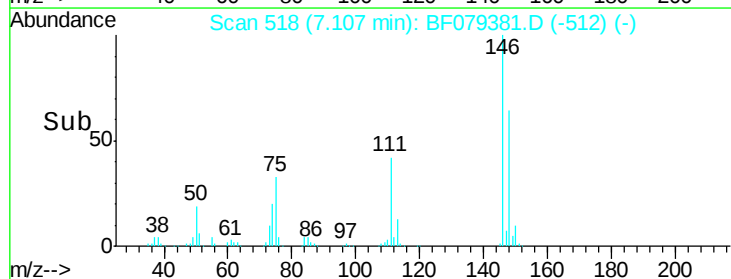
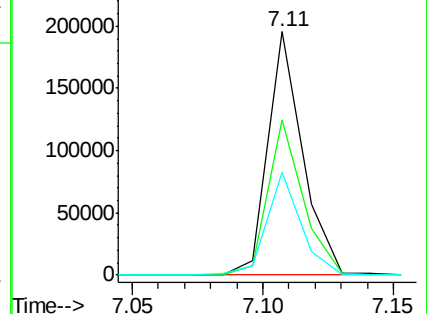
111 42.0 32.8 49.2

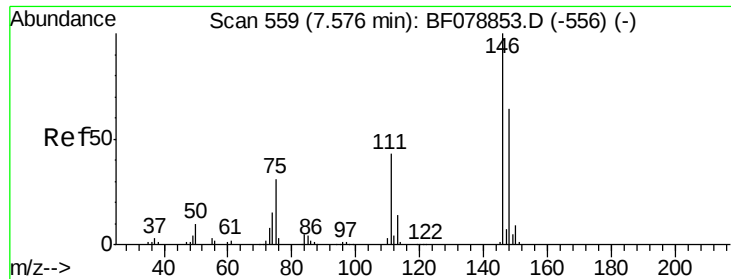


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 35.19 ng

RT: 7.29 min Scan# 534

Delta R.T. -0.00 min

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Acq: 20 May 2015 16:36

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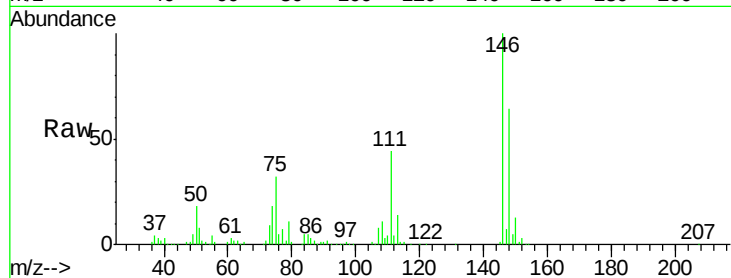
Tgt Ion:146 Resp: 173411

Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

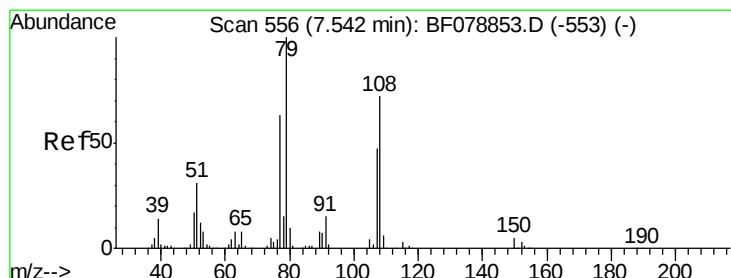
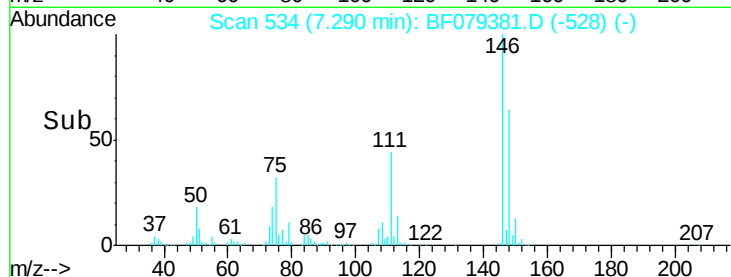
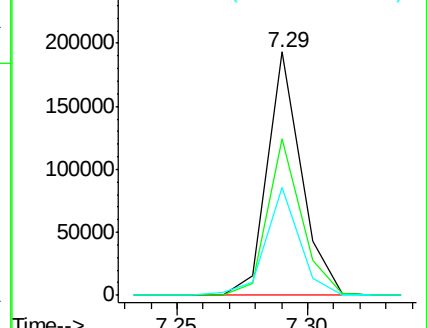
111 44.1 34.6 52.0



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: 34.32 ng

RT: 7.28 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

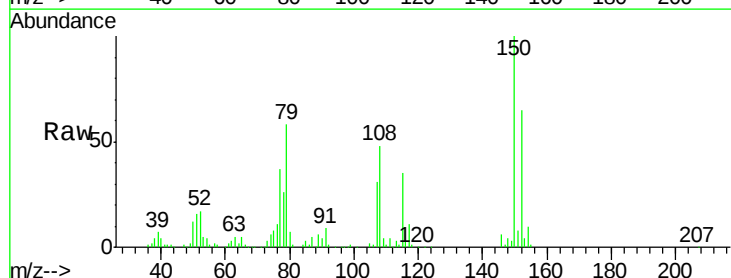
Tgt Ion: 79 Resp: 135864

Ion Ratio Lower Upper

79 100

108 82.3 57.4 86.2

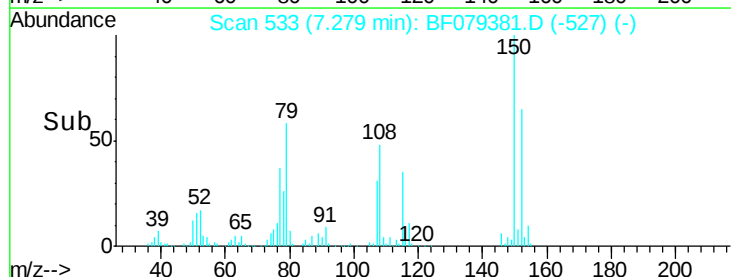
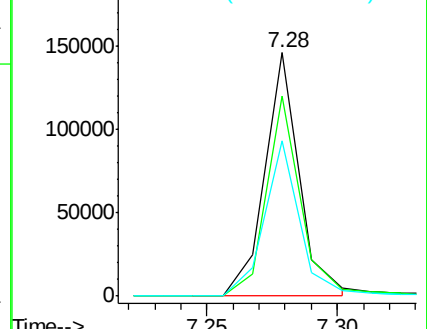
77 64.0 50.2 75.4

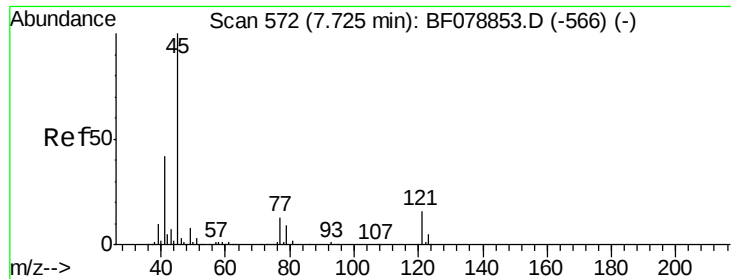


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

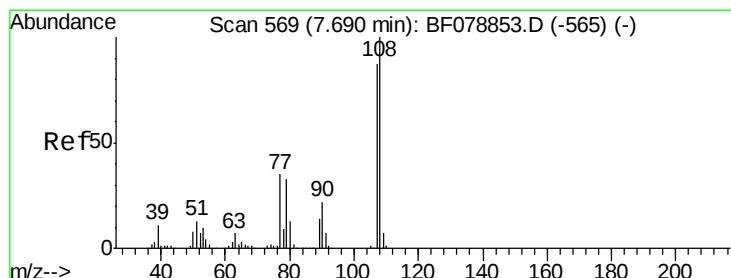
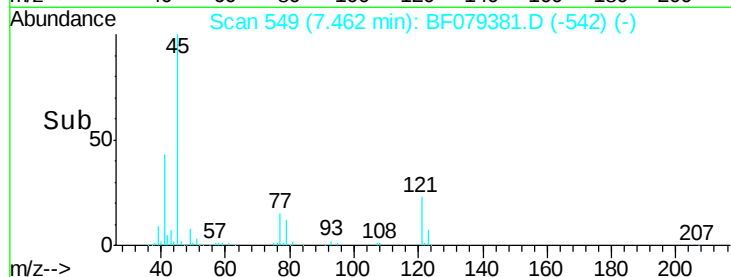
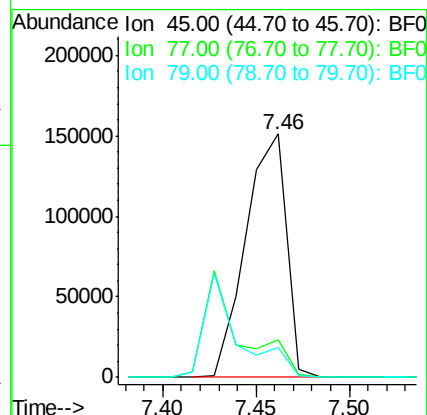
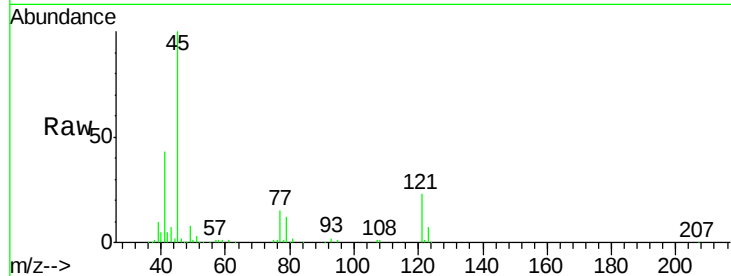




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 33.32 ng
 RT: 7.46 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

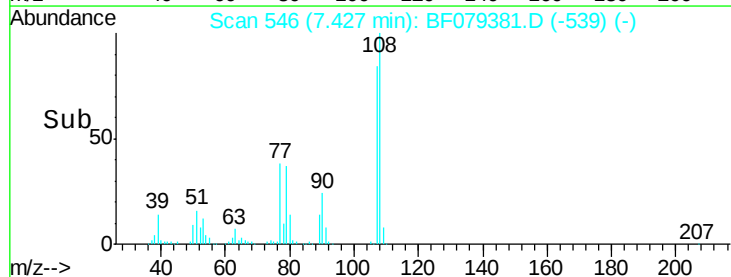
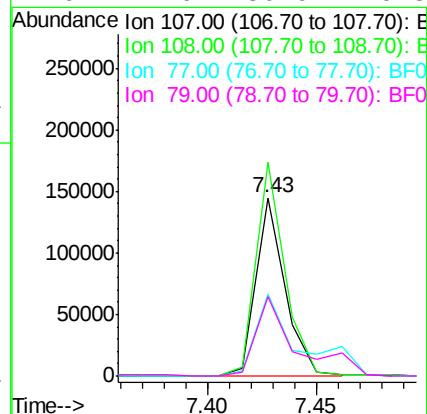
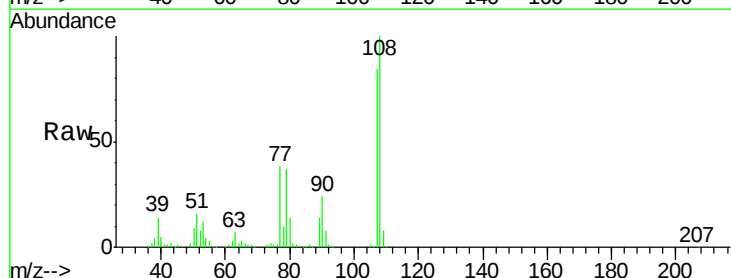
Instrument :
 BNA_F
 ClientSampleId :
 PB83494BS

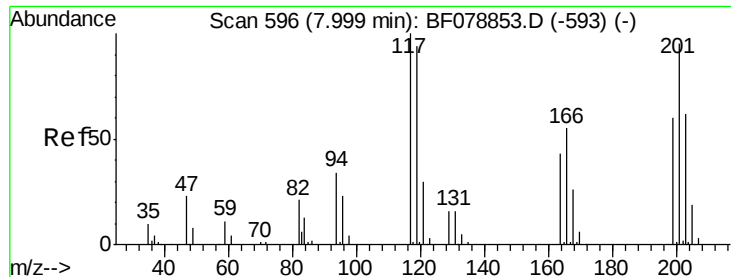
Tgt Ion: 45 Resp: 231198
 Ion Ratio Lower Upper
 45 100
 77 15.5 0.0 32.6
 79 12.3 0.0 29.3



#17
 2-Methylphenol
 Concen: 36.76 ng
 RT: 7.43 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion: 107 Resp: 135376
 Ion Ratio Lower Upper
 107 100
 108 119.7 92.4 138.6
 77 45.7 32.6 49.0
 79 44.6 30.9 46.3

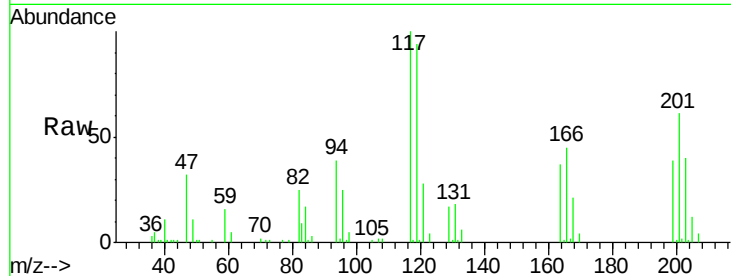




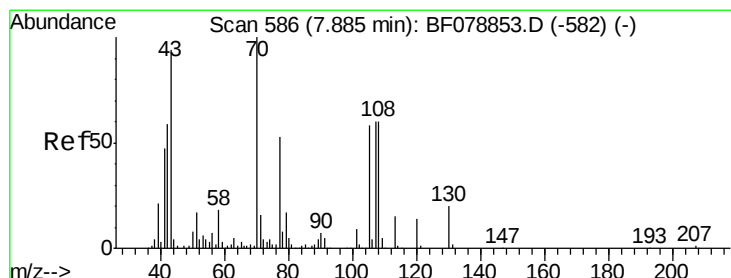
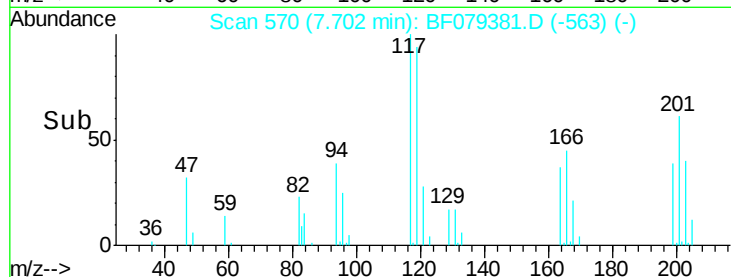
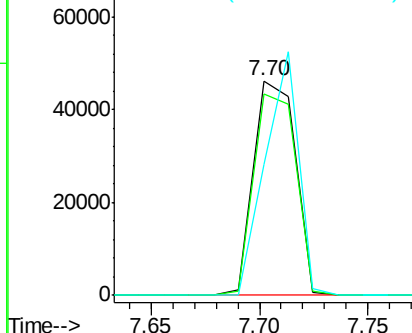
#18
Hexachloroethane
Concen: 34.22 ng
RT: 7.70 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB83494BS

Tgt Ion: 117 Resp: 62388
Ion Ratio Lower Upper
117 100
119 93.9 75.2 112.8
201 61.3 75.8 113.8#

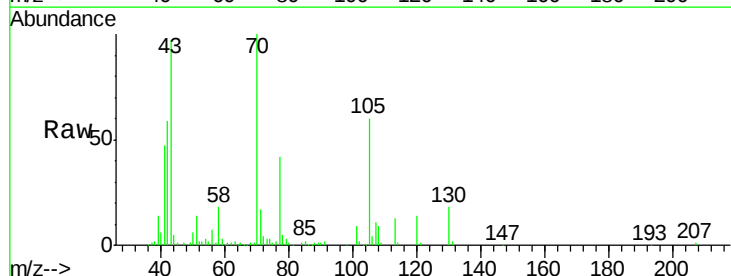


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

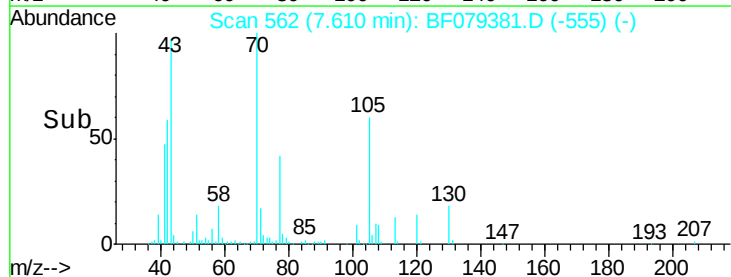
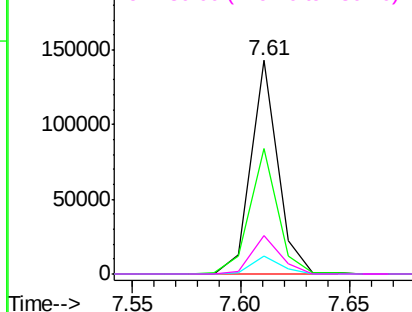


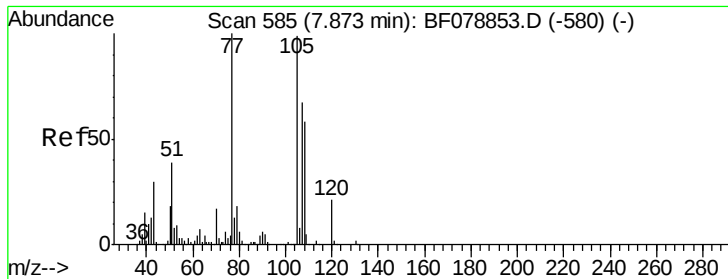
#19
n-Nitroso-di-n-propylamine
Concen: 34.16 ng
RT: 7.61 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Tgt Ion: 70 Resp: 123030
Ion Ratio Lower Upper
70 100
42 58.6 47.3 70.9
101 8.7 7.5 11.3
130 18.3 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: 36.39 ng

RT: 7.62 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

Tgt Ion:107 Resp: 178547

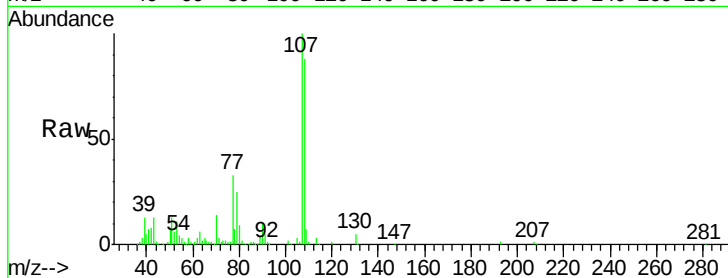
Ion Ratio Lower Upper

107 100

108 88.1 66.5 106.5

77 32.7 130.6 170.6#

79 25.4 6.4 46.4



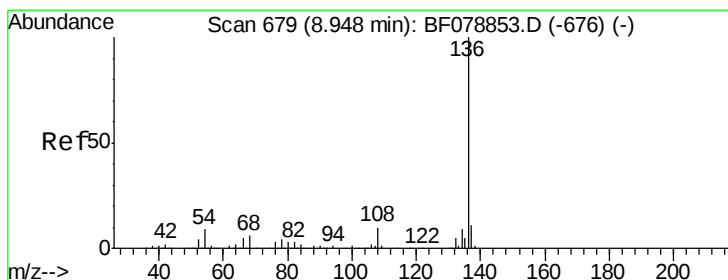
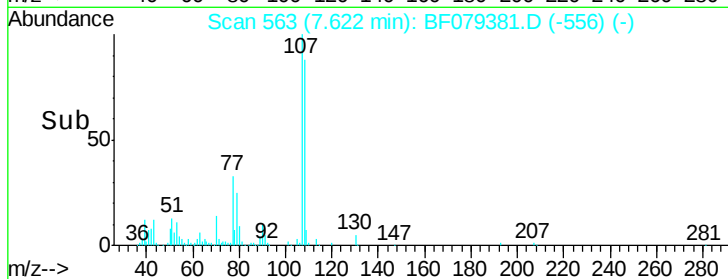
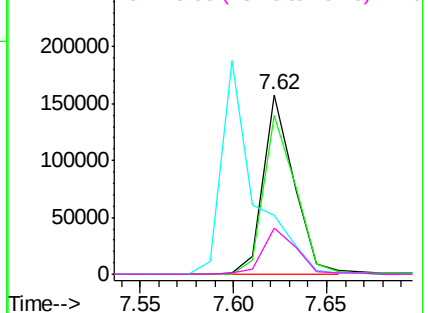
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.66 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion:136 Resp: 278986

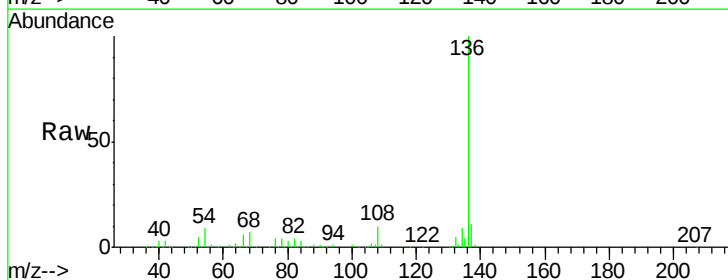
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.0 6.9 10.3

68 6.5 4.9 7.3



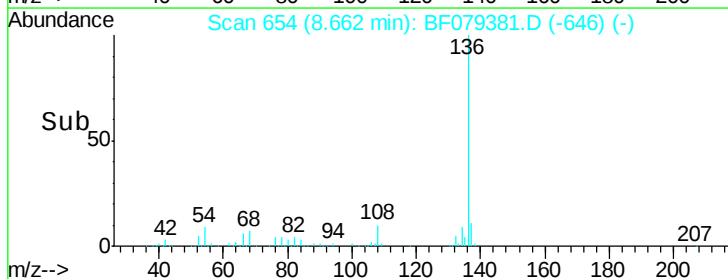
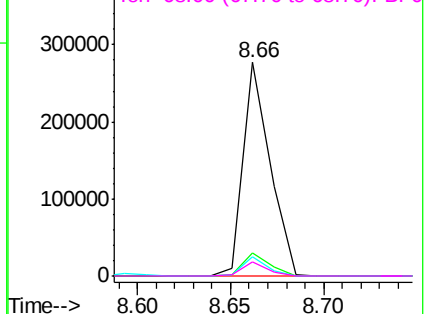
Abundance

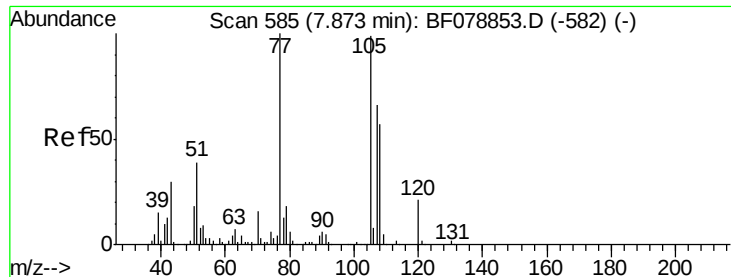
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 37.11 ng

RT: 7.60 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

Tgt Ion:105 Resp: 233888

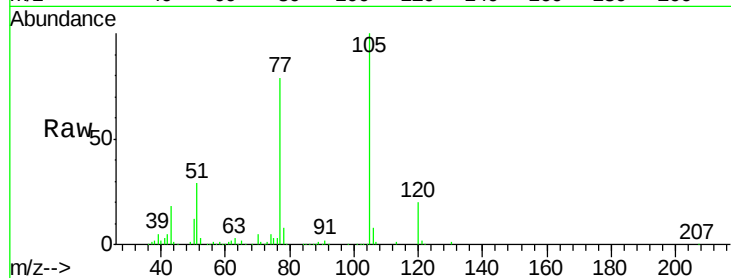
Ion Ratio Lower Upper

105 100

71 1.0 2.2 3.4#

51 29.2 31.1 46.7#

120 20.4 16.7 25.1

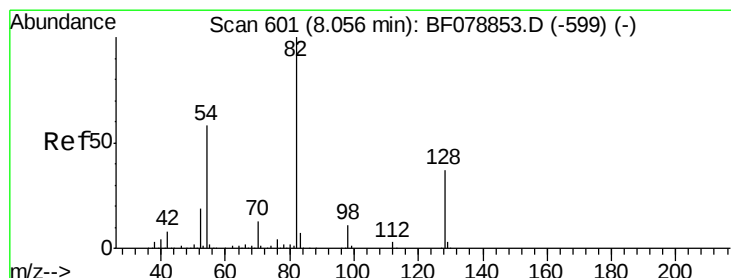
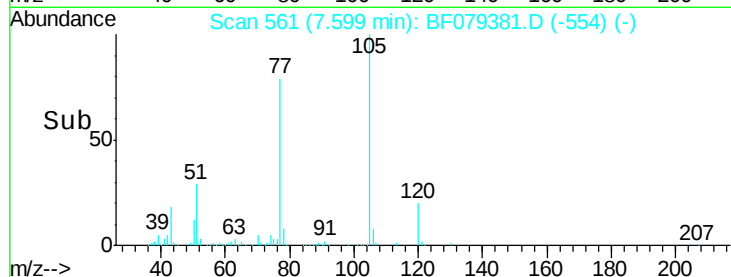
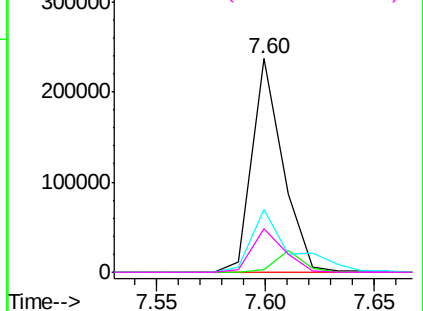


Abundance Ion 105.00 (104.70 to 105.70): E

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: 68.20 ng

RT: 7.78 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

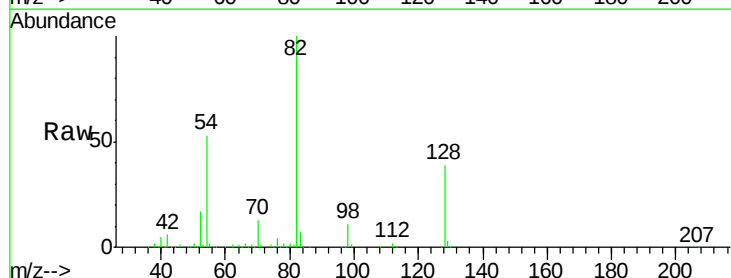
Tgt Ion: 82 Resp: 331081

Ion Ratio Lower Upper

82 100

128 39.4 29.7 44.5

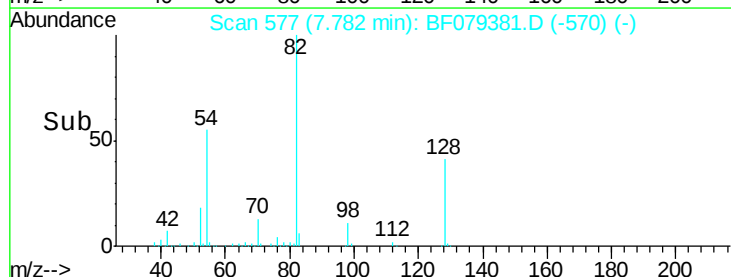
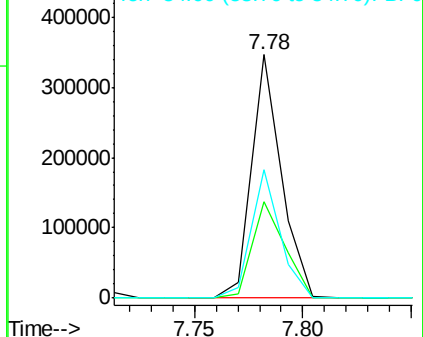
54 52.8 46.2 69.4

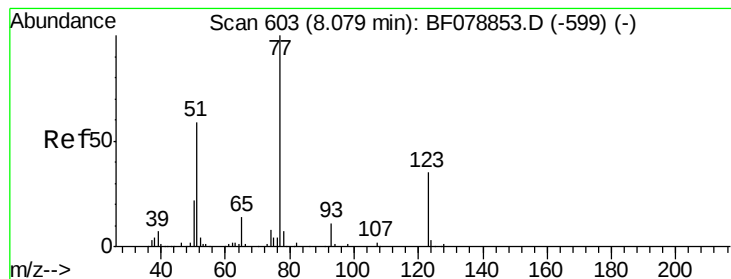


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 35.36 ng

RT: 7.80 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

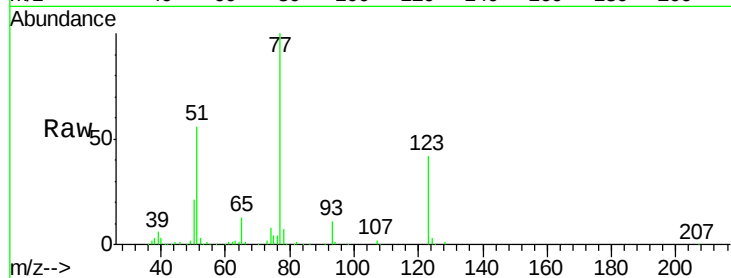
Tgt Ion: 77 Resp: 170122

Ion Ratio Lower Upper

77 100

123 41.6 28.3 42.5

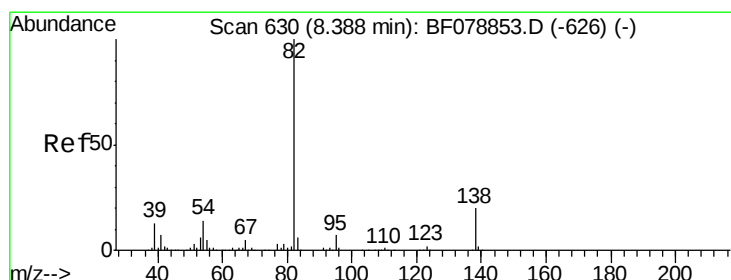
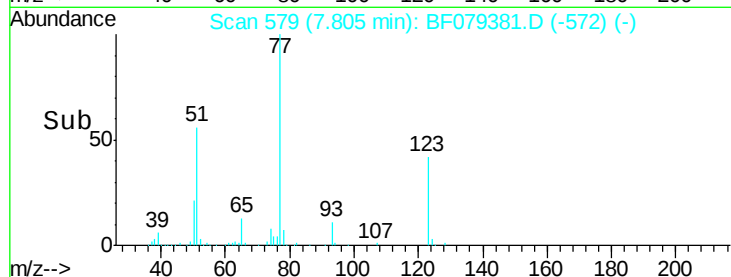
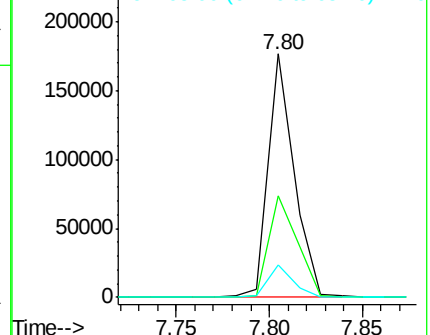
65 13.5 11.0 16.4



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: 35.39 ng

RT: 8.11 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

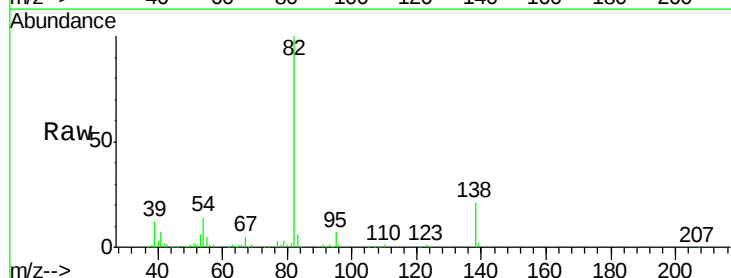
Tgt Ion: 82 Resp: 318528

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

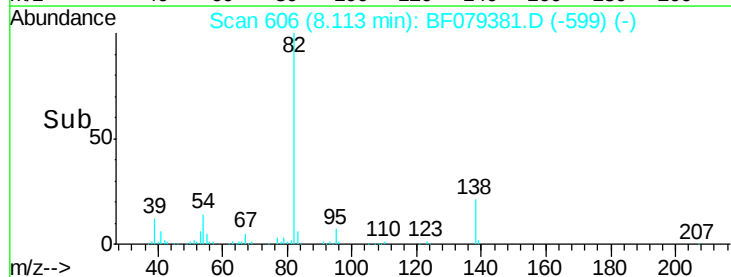
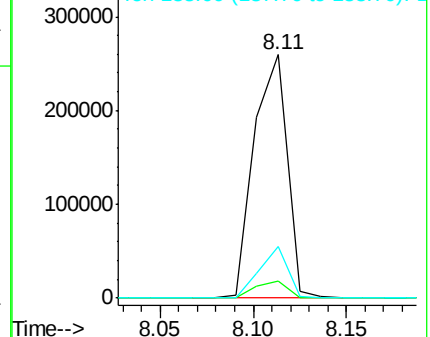
138 21.0 16.1 24.1

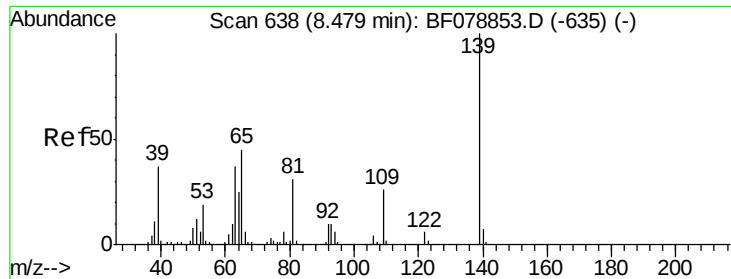


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#26

2-Nitrophenol

Concen: 39.82 ng

RT: 8.20 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

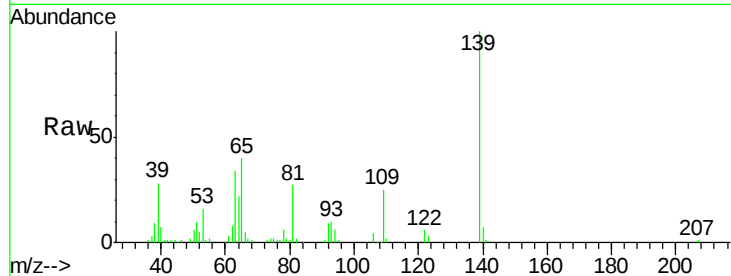
Tgt Ion:139 Resp: 79303

Ion Ratio Lower Upper

139 100

109 25.1 20.9 31.3

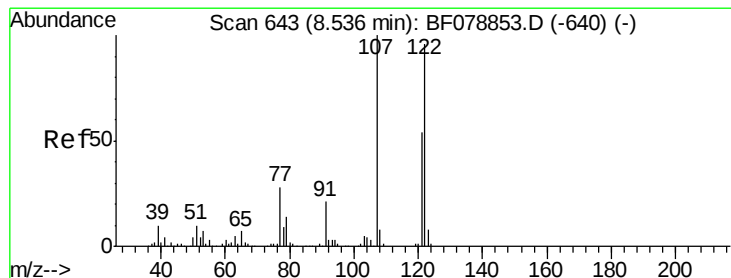
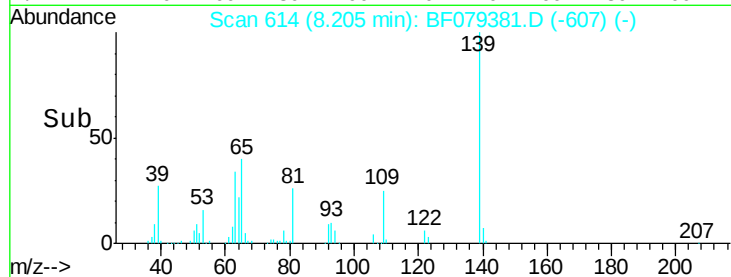
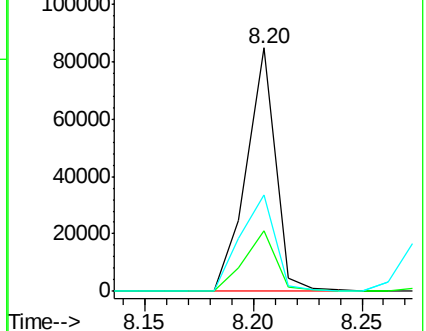
65 39.7 35.8 53.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#27

2,4-Dimethylphenol

Concen: 39.86 ng

RT: 8.27 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

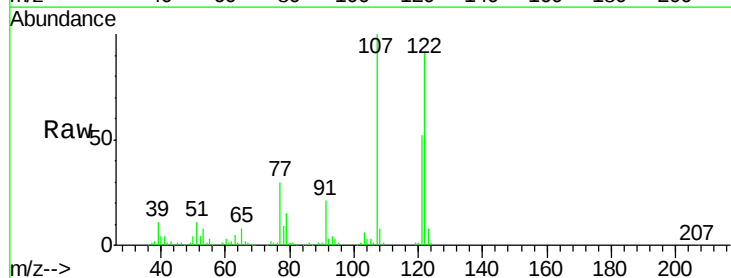
Tgt Ion:122 Resp: 158831

Ion Ratio Lower Upper

122 100

107 109.8 83.6 125.4

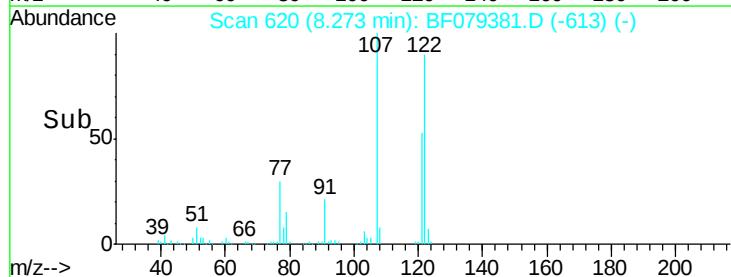
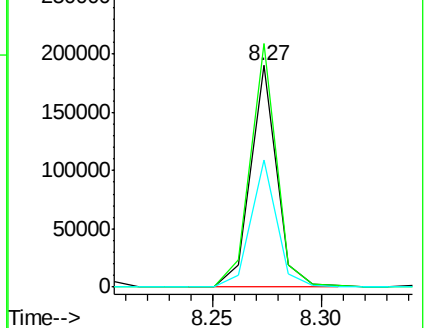
121 57.6 44.9 67.3

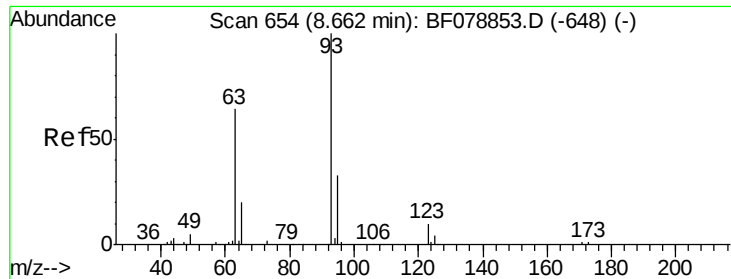


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

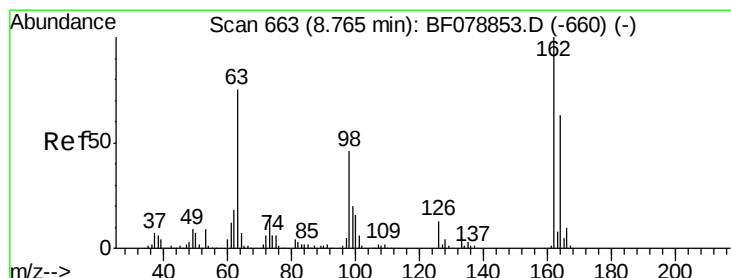
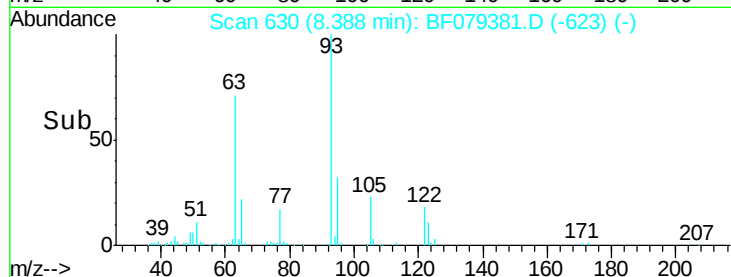
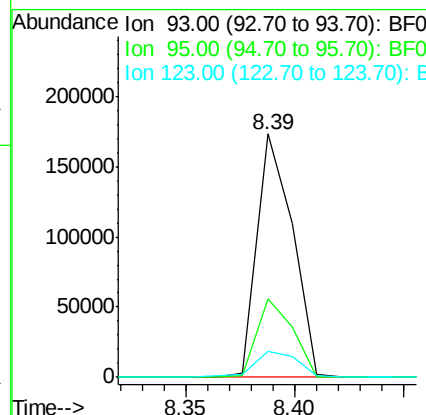
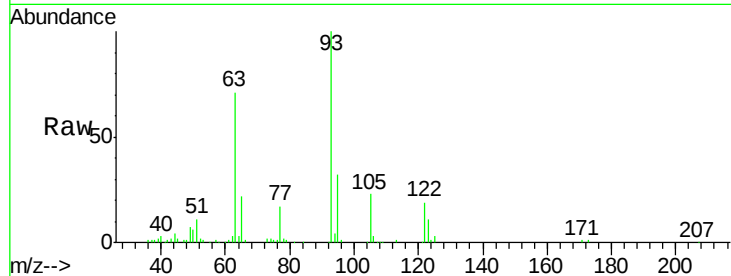




#28
 bis(2-Chloroethoxy)methane
 Concen: 35.64 ng
 RT: 8.39 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

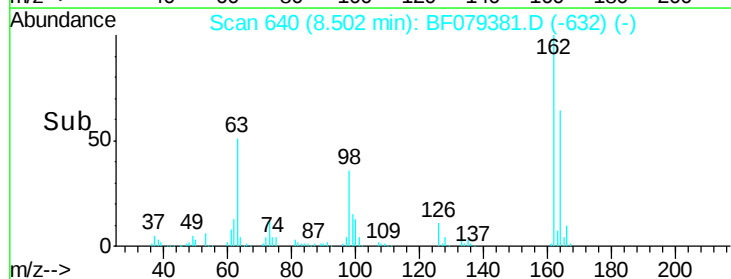
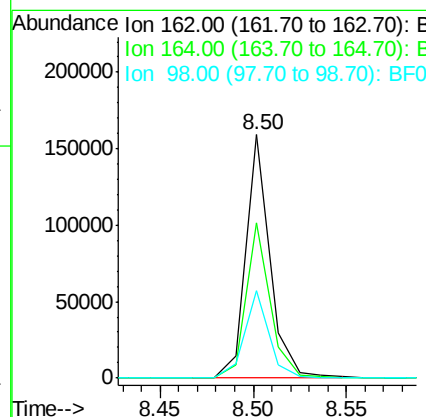
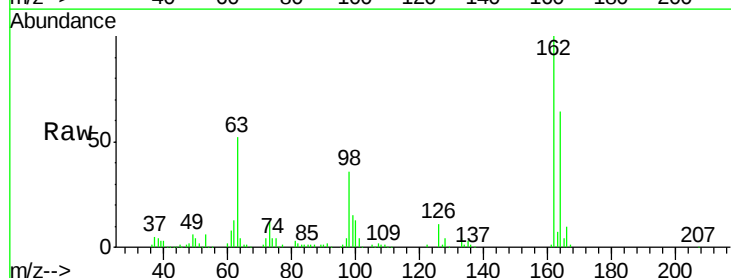
Instrument :
 BNA_F
 ClientSampleId :
 PB83494BS

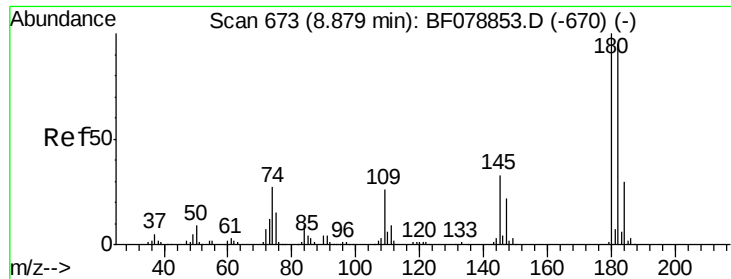
Tgt Ion: 93 Resp: 197735
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.2 39.2
 123 10.5 8.6 12.8



#29
 2,4-Dichlorophenol
 Concen: 40.54 ng
 RT: 8.50 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion: 162 Resp: 143677
 Ion Ratio Lower Upper
 162 100
 164 64.0 42.7 82.7
 98 36.1 26.3 66.3

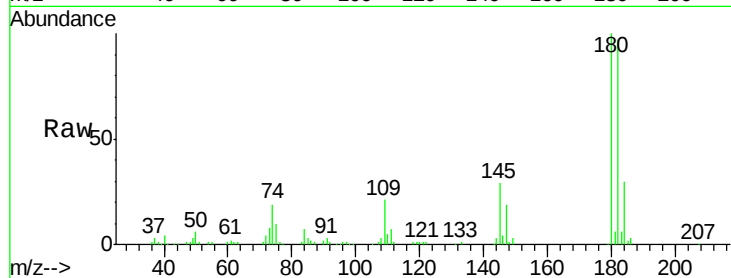




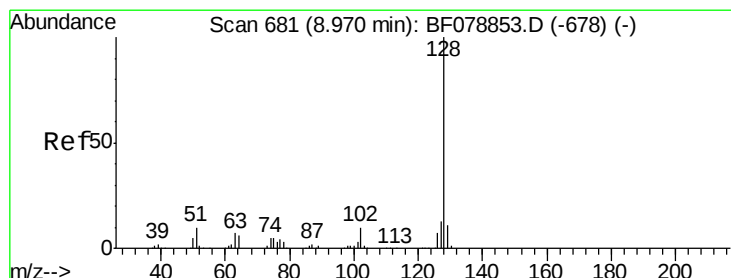
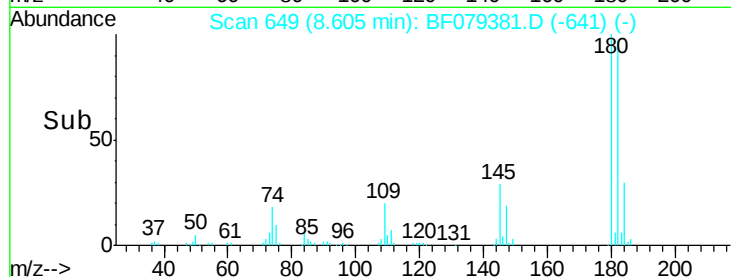
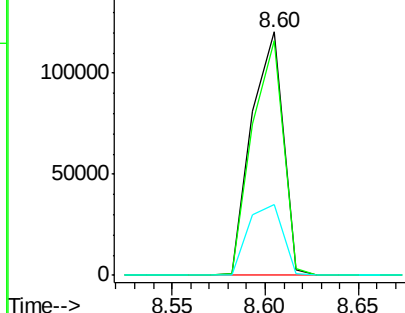
#30
 1,2,4-Trichlorobenzene
 Concen: 36.21 ng
 RT: 8.60 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB83494BS

Tgt Ion:180 Resp: 140960
 Ion Ratio Lower Upper
 180 100
 182 96.5 75.7 113.5
 145 28.9 26.2 39.4

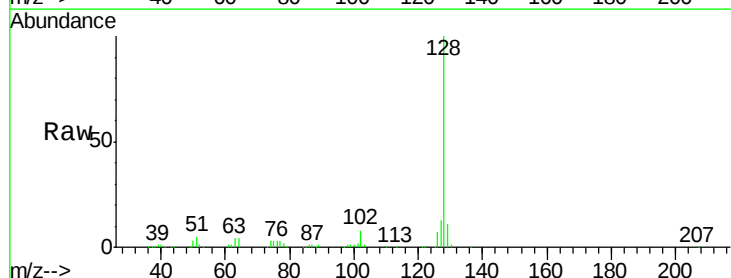


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

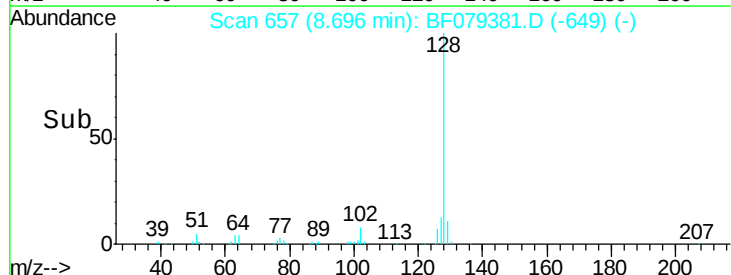
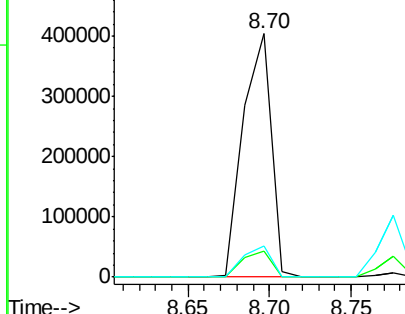


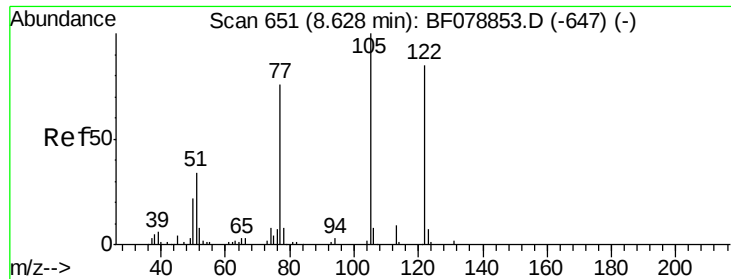
#31
 Naphthalene
 Concen: 36.28 ng
 RT: 8.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion:128 Resp: 482261
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.2 13.8
 127 12.8 10.3 15.5



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





#32

Benzoic acid

Concen: 34.40 ng

RT: 8.39 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

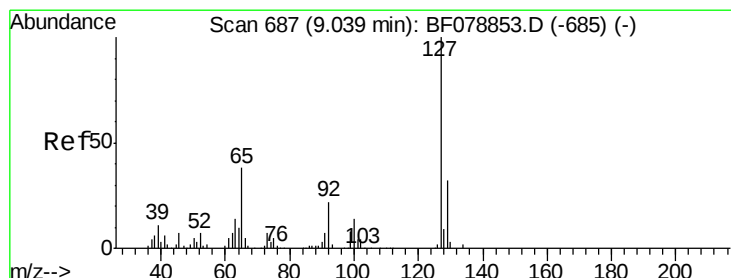
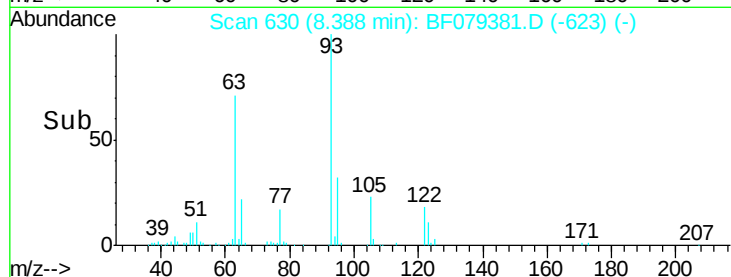
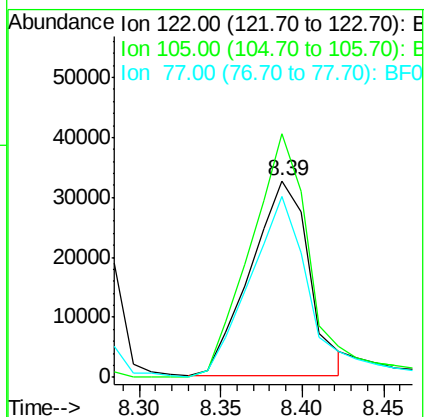
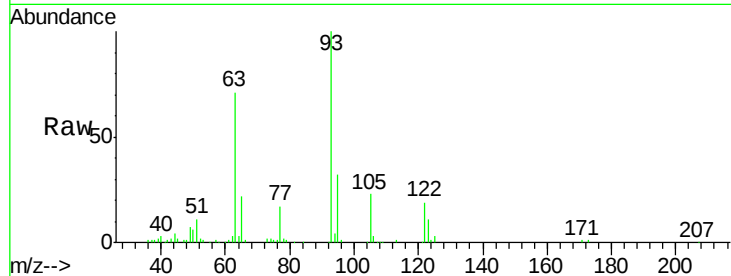
Tgt Ion:122 Resp: 80741

Ion Ratio Lower Upper

122 100

105 124.1 100.7 140.7

77 92.0 72.0 112.0



#33

4-Chloroaniline

Concen: 19.72 ng

RT: 8.78 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion:127 Resp: 110901

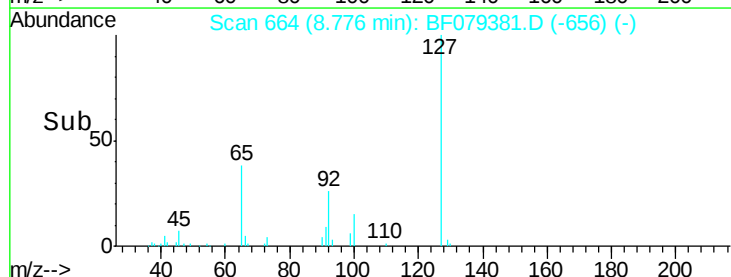
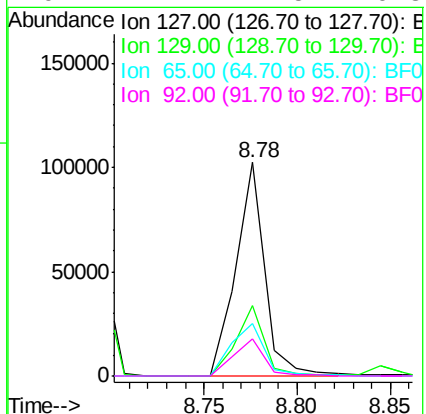
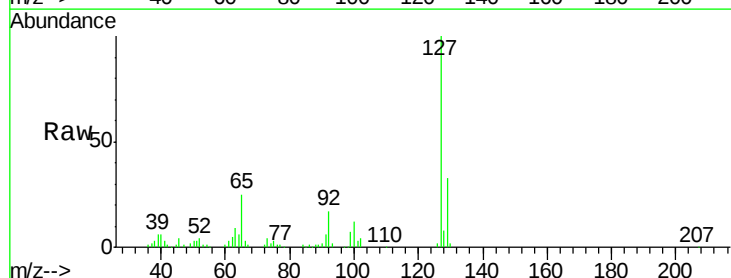
Ion Ratio Lower Upper

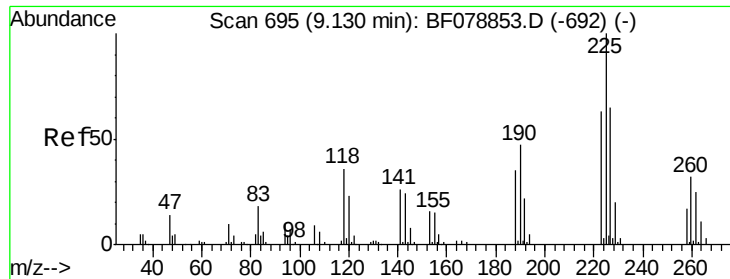
127 100

129 33.0 25.6 38.4

65 24.7 30.2 45.4#

92 17.1 17.5 26.3#

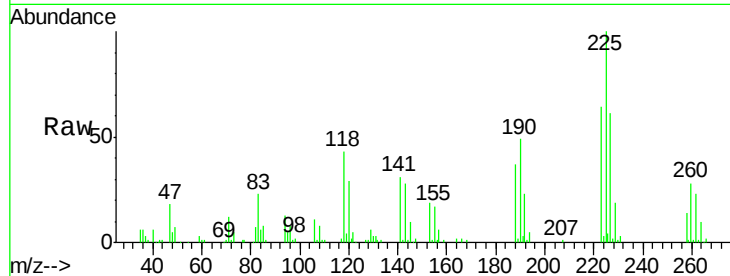




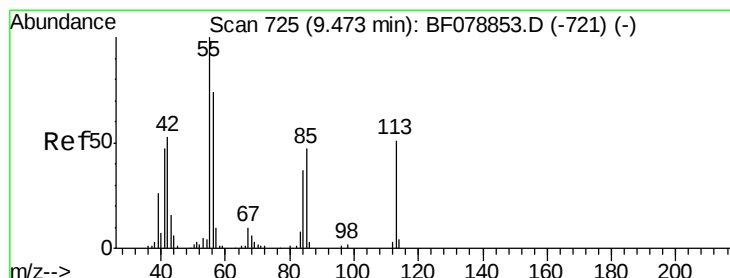
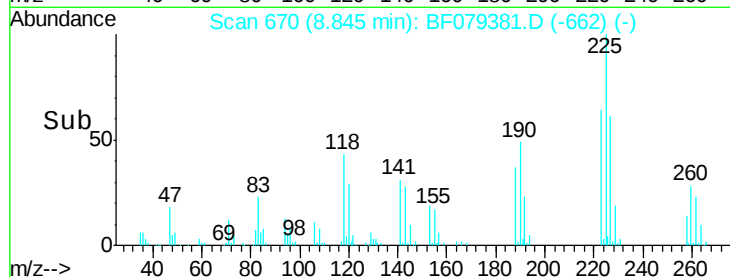
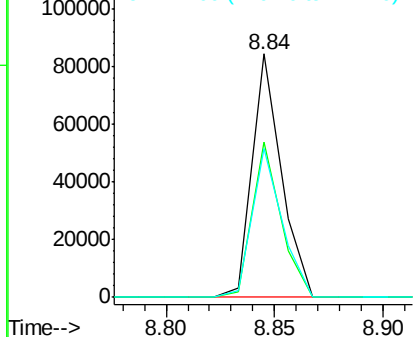
#34
Hexachlorobutadiene
Concen: 35.23 ng
RT: 8.84 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB83494BS

Tgt Ion: 225 Resp: 78982
Ion Ratio Lower Upper
225 100
223 63.9 50.6 75.8
227 61.4 52.1 78.1

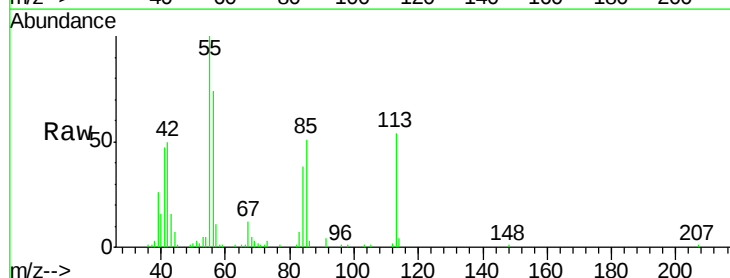


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

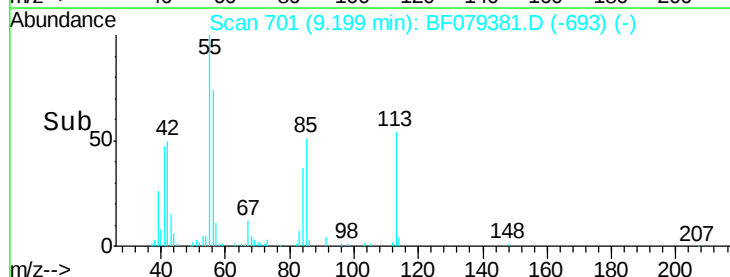
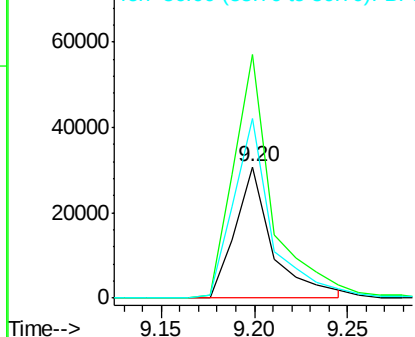


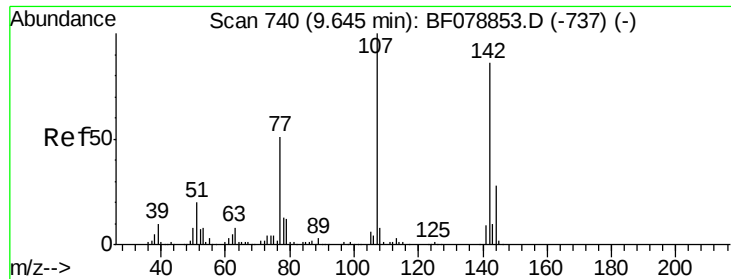
#35
Caprolactam
Concen: 37.99 ng
RT: 9.20 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Tgt Ion: 113 Resp: 43535
Ion Ratio Lower Upper
113 100
55 185.3 176.0 216.0
56 136.8 123.8 163.8



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

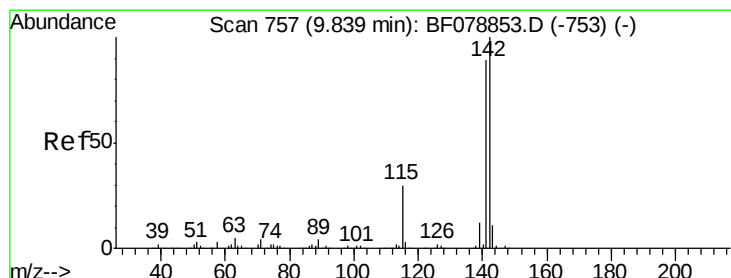
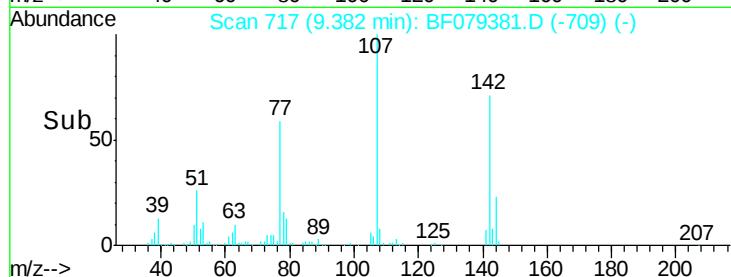
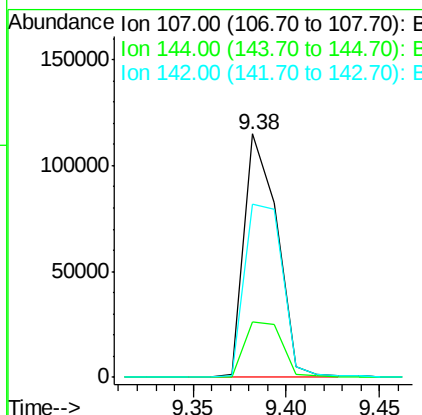
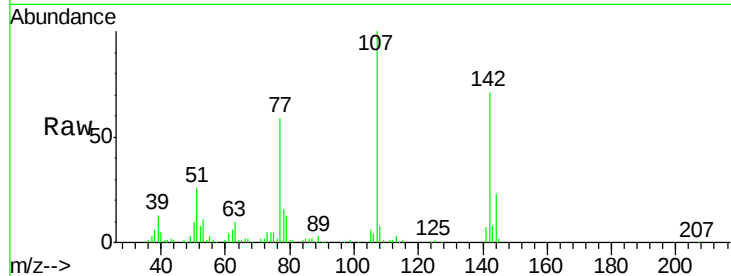




#36
 4-Chloro-3-methylphenol
 Concen: 37.99 ng
 RT: 9.38 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

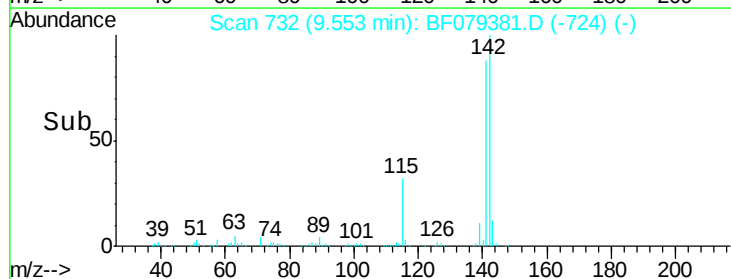
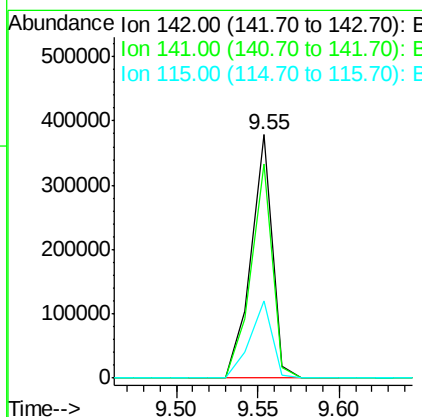
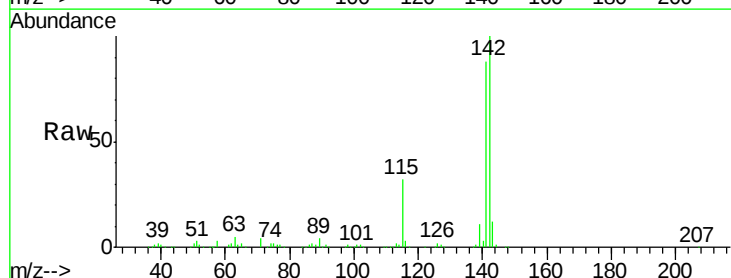
Instrument :
 BNA_F
 ClientSampleId :
 PB83494BS

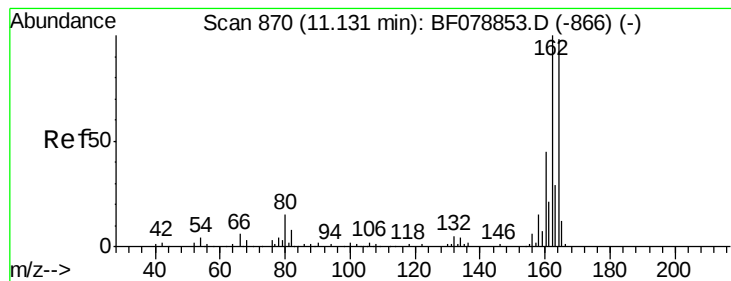
Tgt Ion:107 Resp: 141423
 Ion Ratio Lower Upper
 107 100
 144 23.0 22.5 33.7
 142 71.4 68.6 103.0



#37
 2-Methylnaphthalene
 Concen: 37.63 ng
 RT: 9.55 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion:142 Resp: 346621
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.6 107.4
 115 31.9 24.2 36.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.83 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

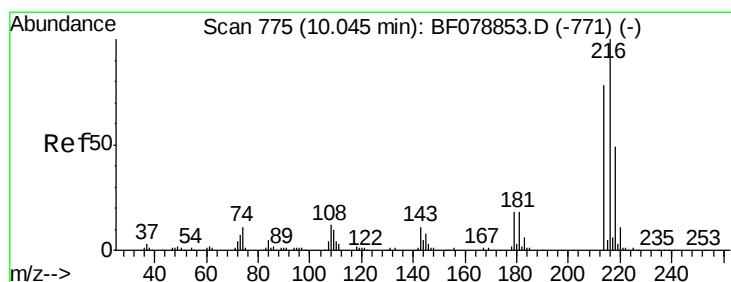
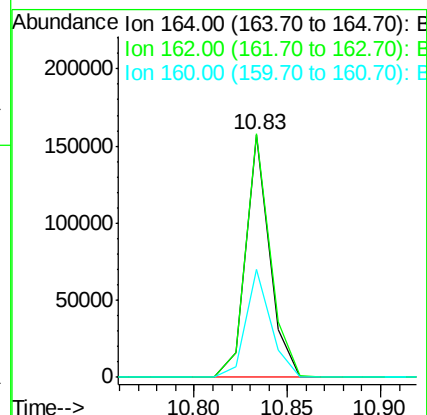
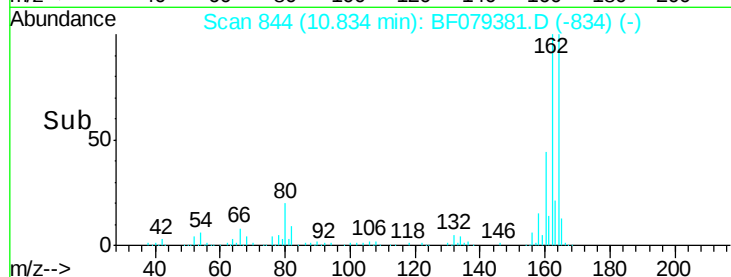
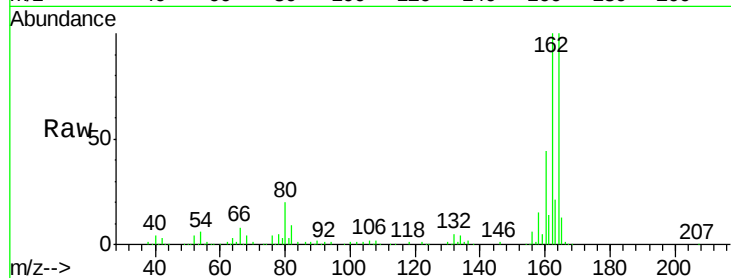
Tgt Ion:164 Resp: 140801

Ion Ratio Lower Upper

164 100

162 100.3 81.4 122.0

160 44.6 36.6 54.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.19 ng

RT: 9.76 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Tgt Ion:216 Resp: 135576

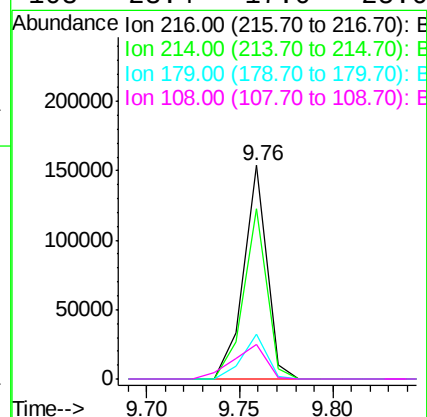
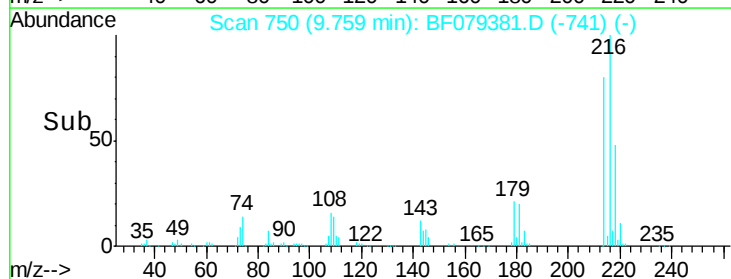
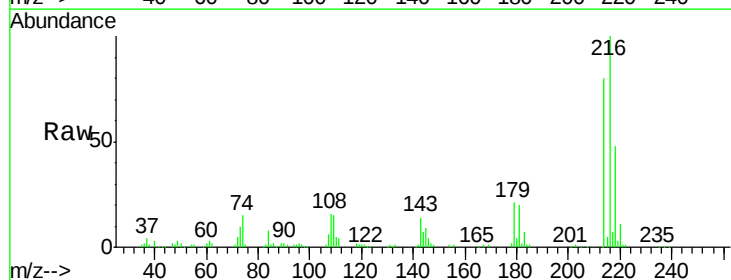
Ion Ratio Lower Upper

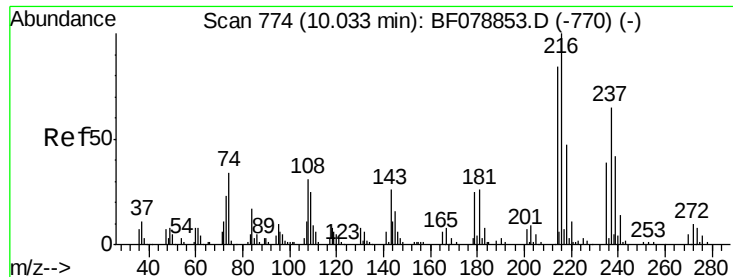
216 100

214 79.6 64.0 96.0

179 21.8 17.0 25.4

108 23.4 17.0 25.6

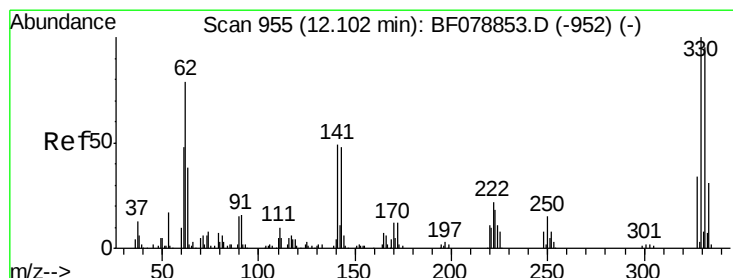
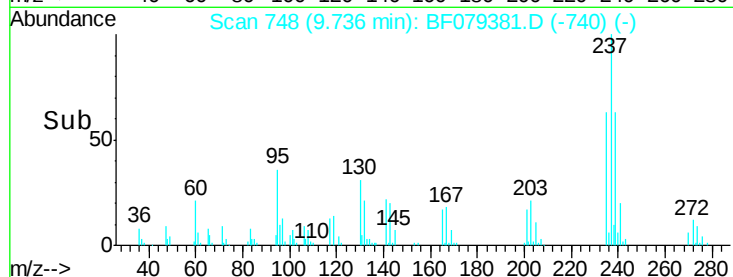
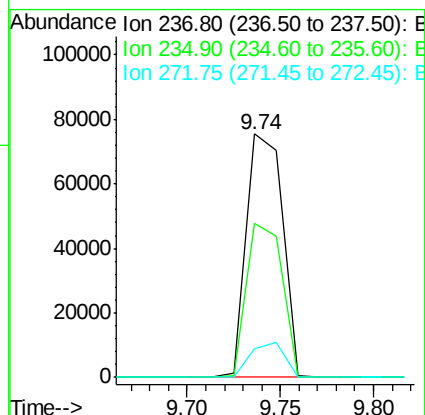
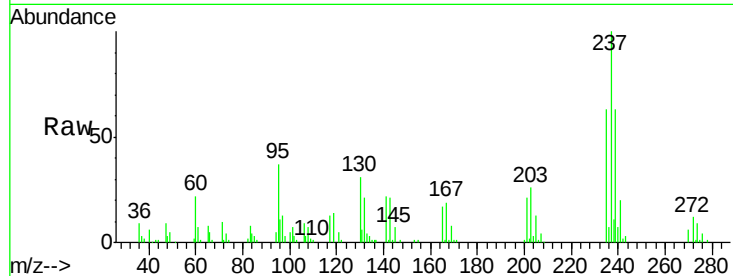




#40
Hexachlorocyclopentadiene
Concen: 50.79 ng
RT: 9.74 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

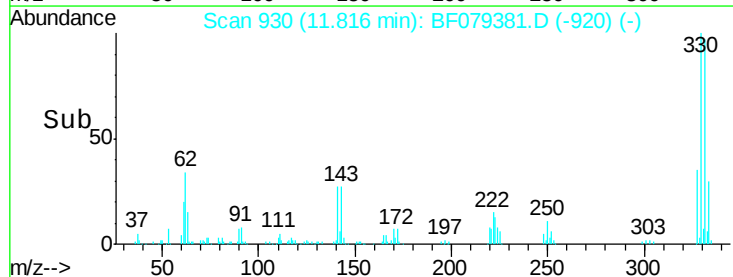
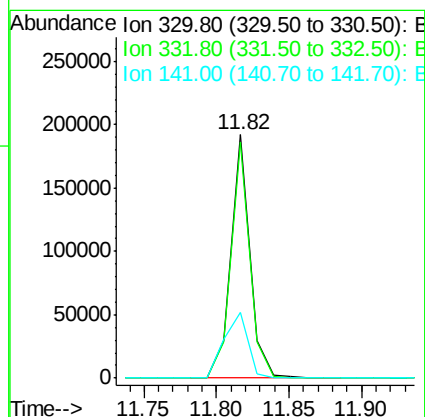
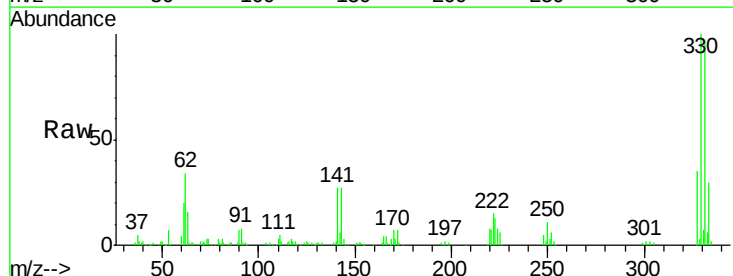
Instrument :
BNA_F
ClientSampleId :
PB83494BS

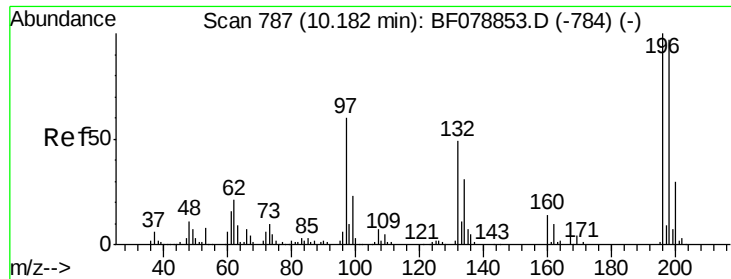
Tgt Ion:237 Resp: 101273
Ion Ratio Lower Upper
237 100
235 63.3 40.0 80.0
272 11.8 0.0 36.0



#41
2,4,6-Tribromophenol
Concen: 115.33 ng
RT: 11.82 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Tgt Ion:330 Resp: 175665
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 34.2 27.8 41.8

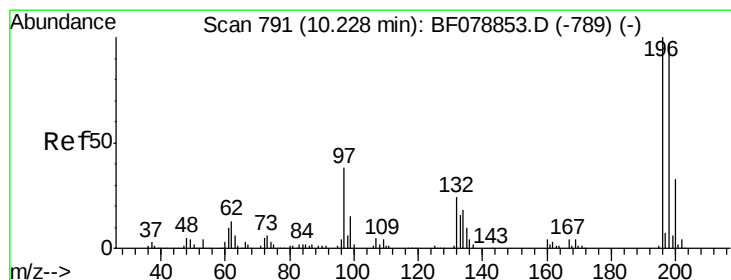
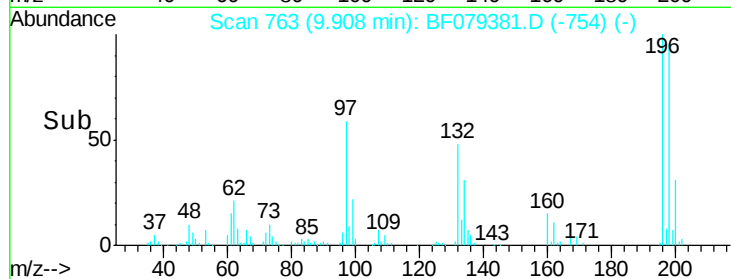
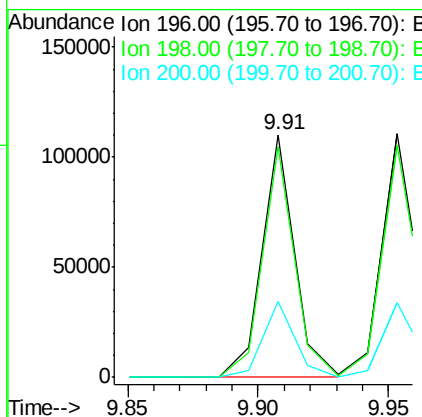
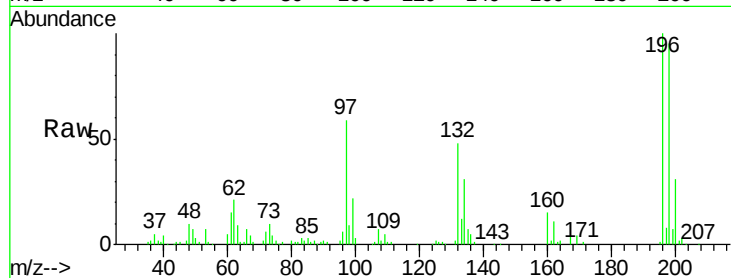




#42
 2,4,6-Trichlorophenol
 Concen: 35.27 ng
 RT: 9.91 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

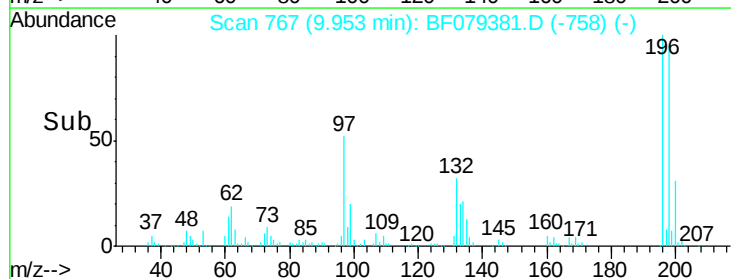
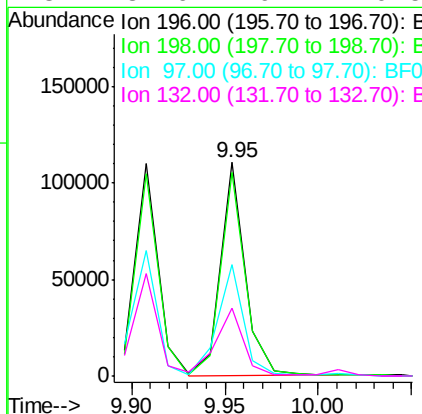
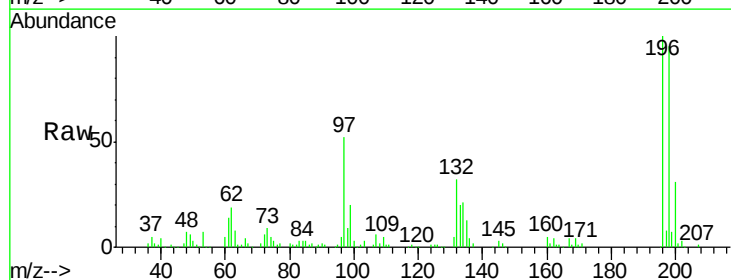
Instrument :
 BNA_F
 ClientSampleId :
 PB83494BS

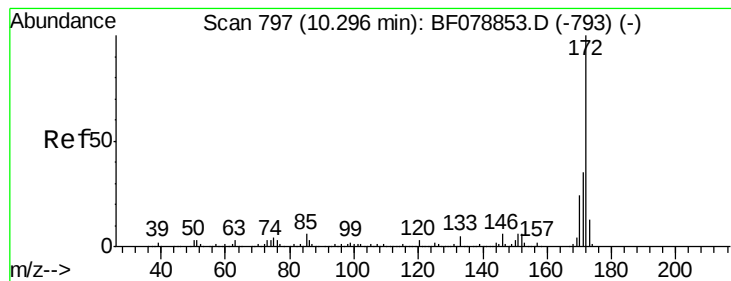
Tgt Ion:196 Resp: 96141
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.4 116.2
 200 31.1 23.7 35.5



#43
 2,4,5-Trichlorophenol
 Concen: 36.68 ng
 RT: 9.95 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion:196 Resp: 101093
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.3 115.9
 97 52.2 31.3 46.9#
 132 31.6 19.7 29.5#

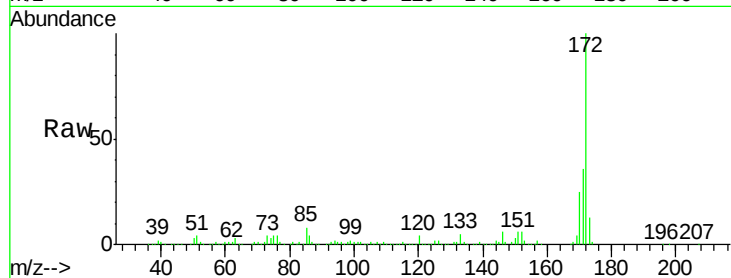




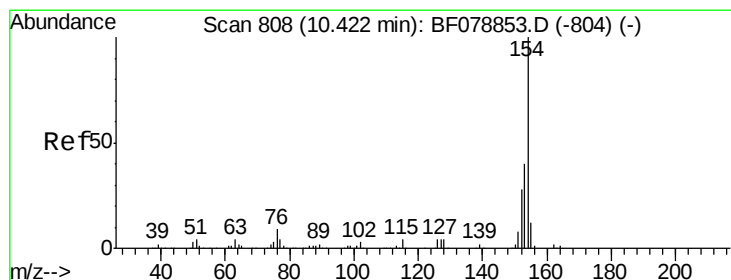
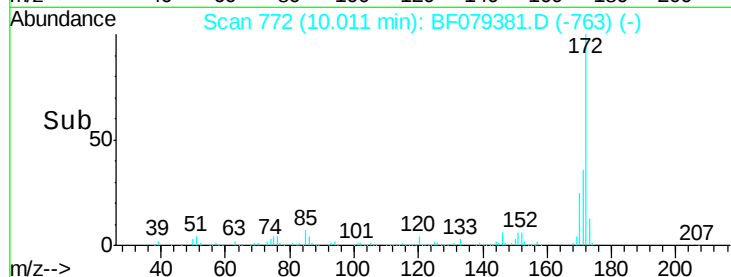
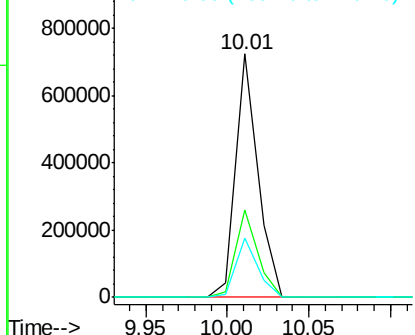
#44
 2-Fluorobiphenyl
 Concen: 66.74 ng
 RT: 10.01 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB83494BS

Tgt Ion:172 Resp: 674444
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.3 42.5
 170 24.6 19.4 29.2

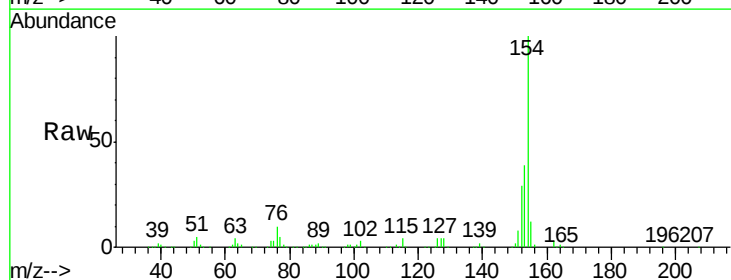


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

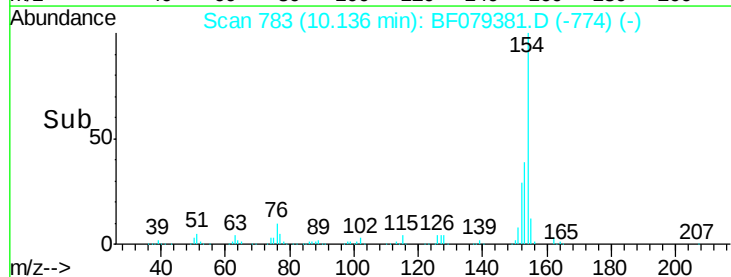
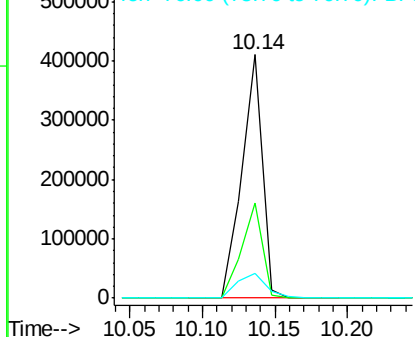


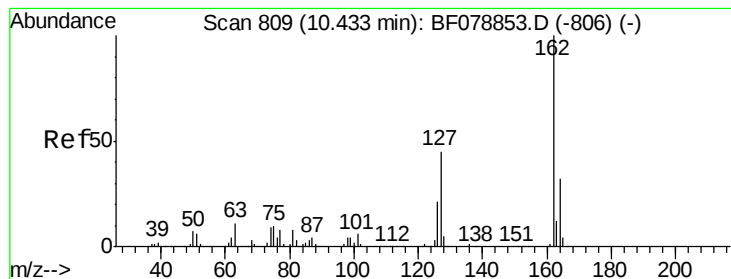
#45
 1,1'-Biphenyl
 Concen: 36.11 ng
 RT: 10.14 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion:154 Resp: 404195
 Ion Ratio Lower Upper
 154 100
 153 39.0 19.7 59.7
 76 10.1 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: 34.13 ng

RT: 10.15 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

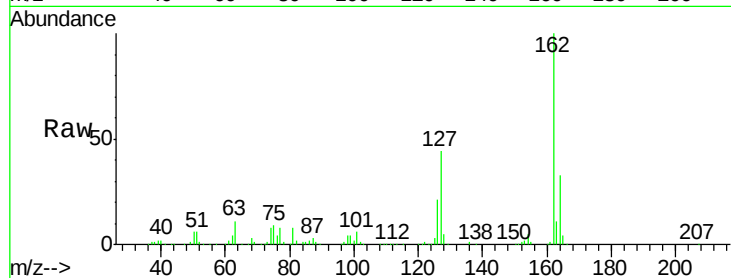
Tgt Ion: 162 Resp: 297964

Ion Ratio Lower Upper

162 100

127 43.7 36.3 54.5

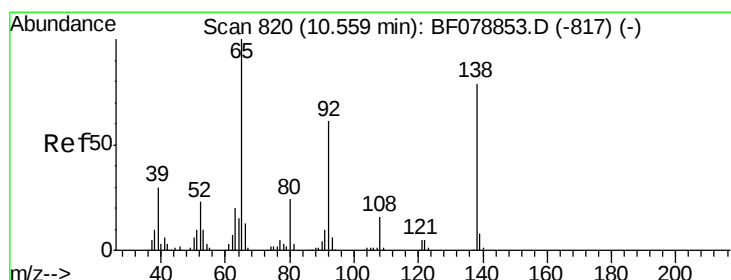
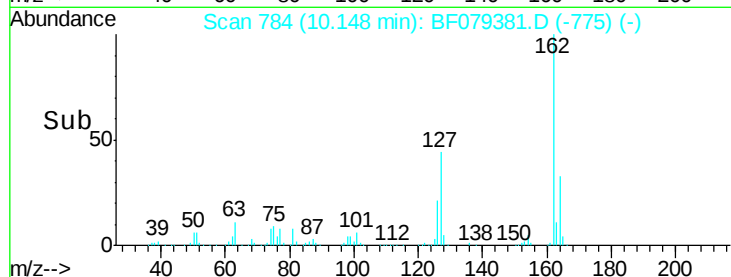
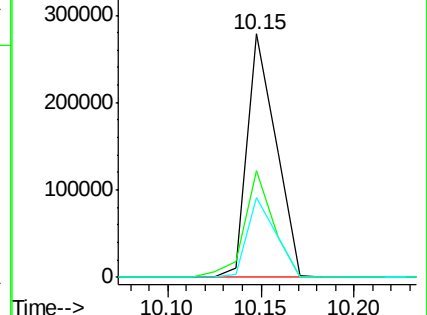
164 32.8 25.9 38.9



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: 35.22 ng

RT: 10.28 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

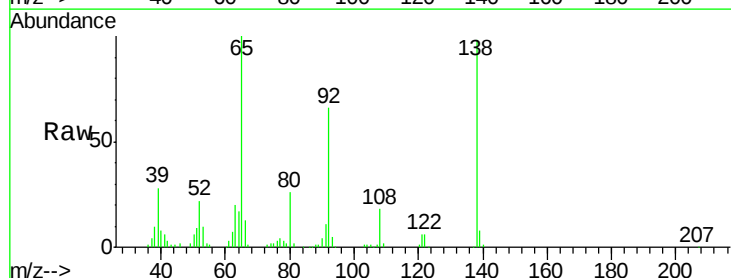
Tgt Ion: 65 Resp: 89093

Ion Ratio Lower Upper

65 100

92 66.2 49.1 73.7

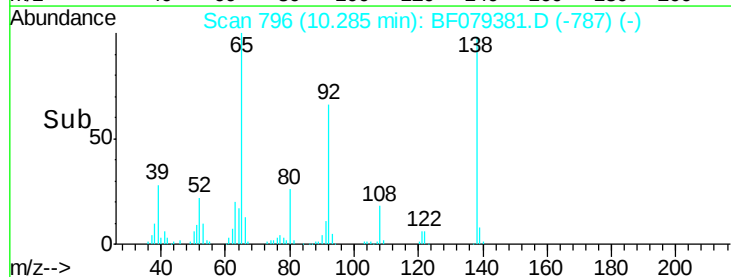
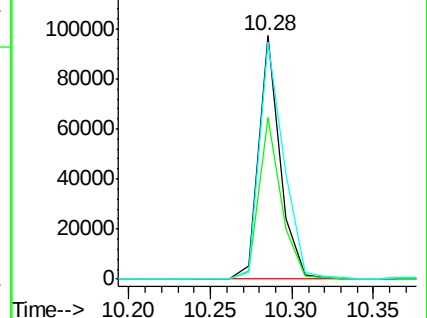
138 97.5 63.2 94.8#

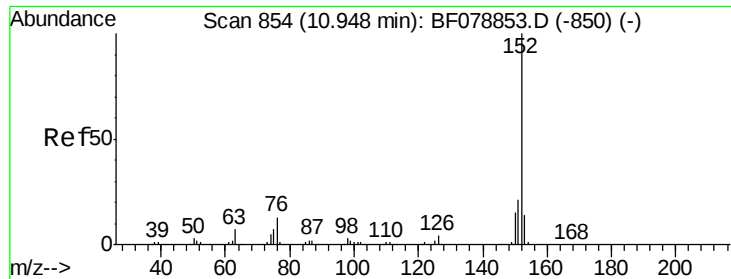


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 35.51 ng

RT: 10.66 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

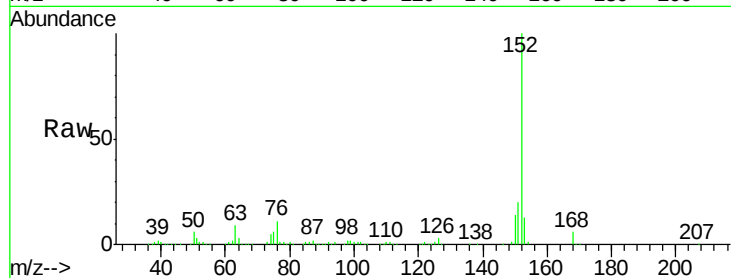
Tgt Ion:152 Resp: 508989

Ion Ratio Lower Upper

152 100

151 19.9 16.6 24.8

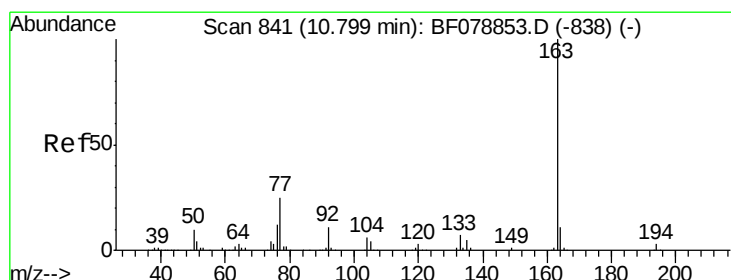
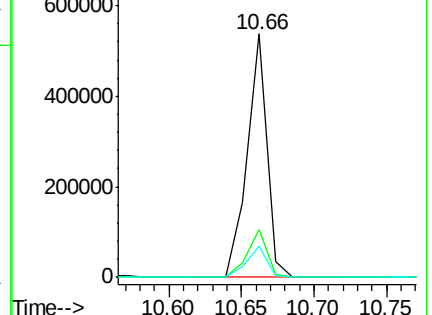
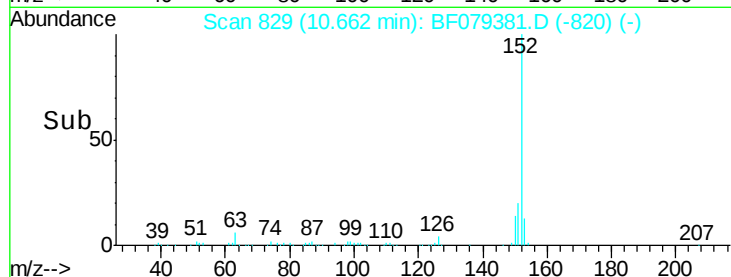
153 12.9 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 36.07 ng

RT: 10.52 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

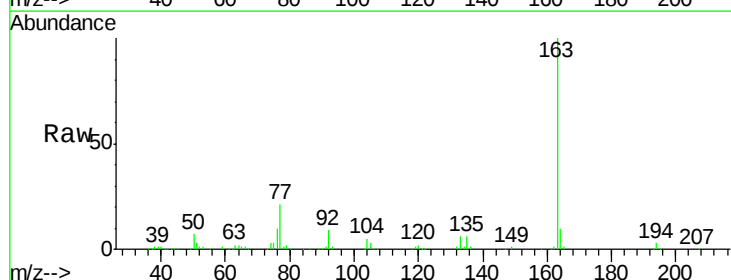
Tgt Ion:163 Resp: 372774

Ion Ratio Lower Upper

163 100

194 3.1 2.4 3.6

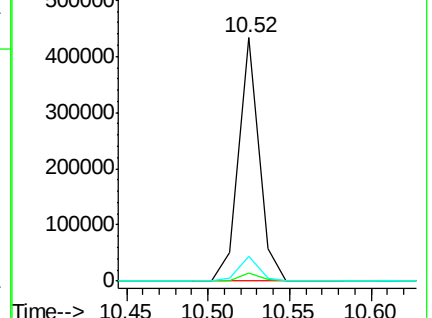
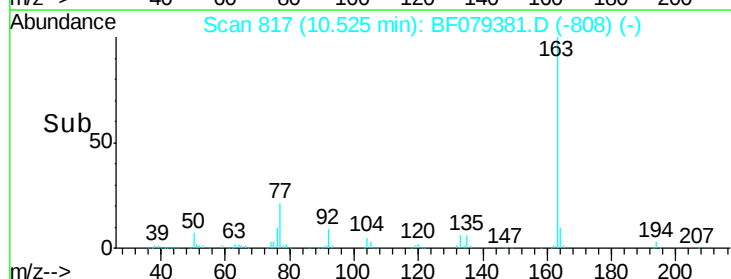
164 10.3 8.6 12.8

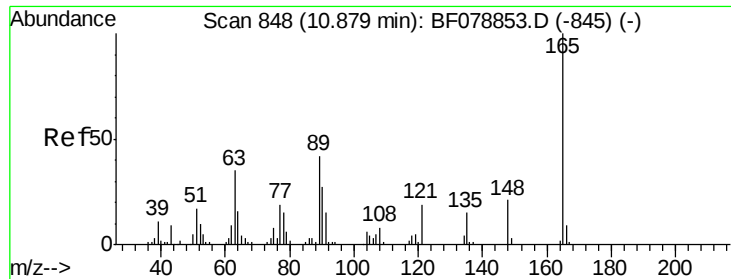


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

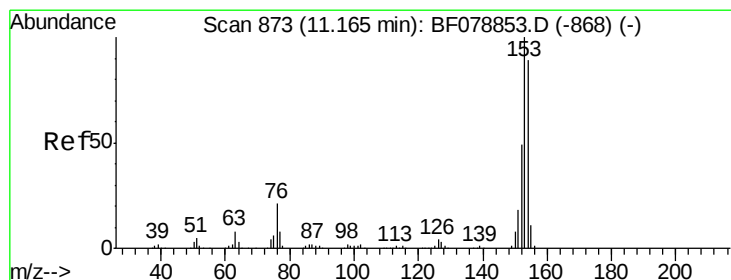
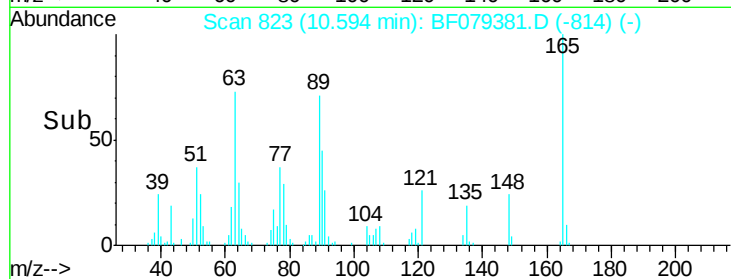
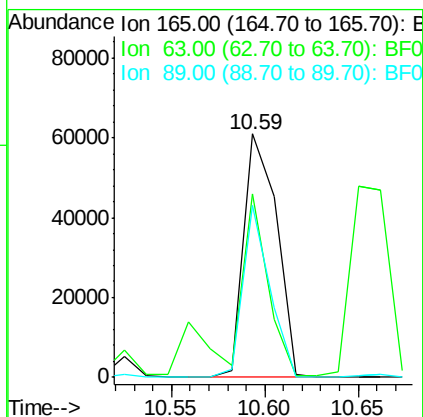
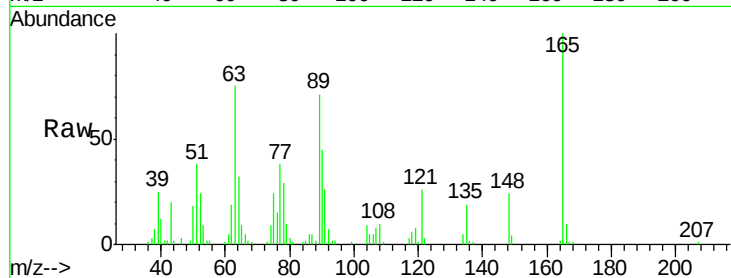




#50
 2,6-Dinitrotoluene
 Concen: 36.56 ng
 RT: 10.59 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

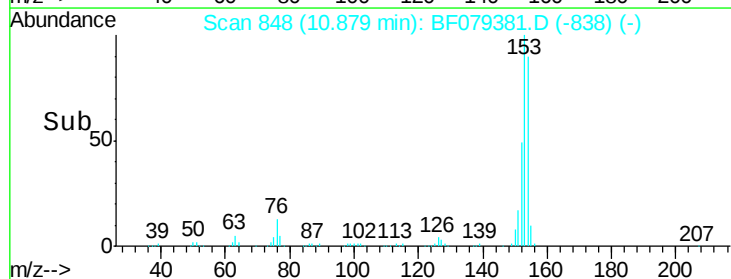
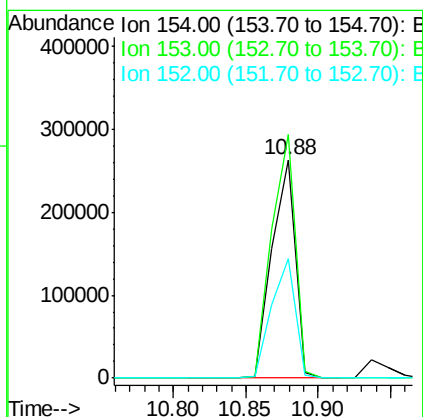
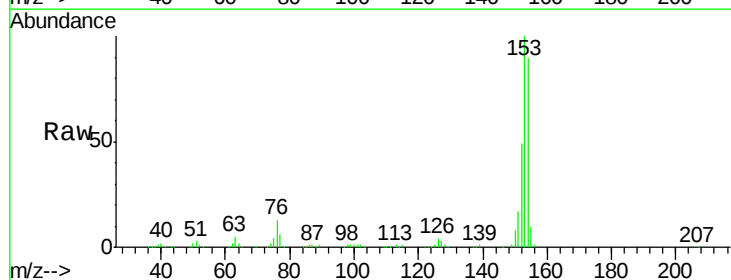
Instrument :
 BNA_F
 ClientSampleId :
 PB83494BS

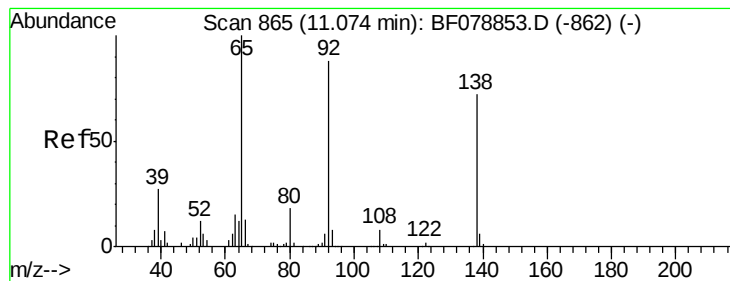
Tgt Ion:165 Resp: 74563
 Ion Ratio Lower Upper
 165 100
 63 75.4 29.2 43.8#
 89 70.5 33.3 49.9#



#51
 Acenaphthene
 Concen: 34.48 ng
 RT: 10.88 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion:154 Resp: 294784
 Ion Ratio Lower Upper
 154 100
 153 111.4 90.2 135.2
 152 54.5 43.8 65.8





#52

3-Nitroaniline

Concen: 25.42 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

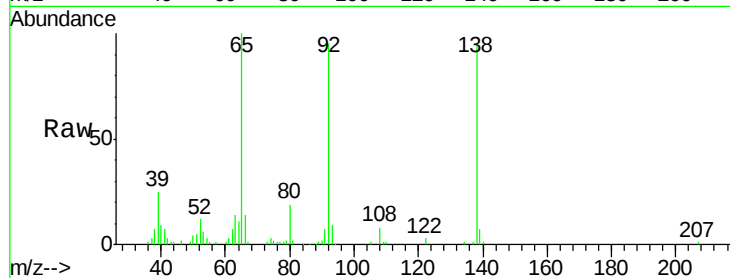
Tgt Ion:138 Resp: 64757

Ion Ratio Lower Upper

138 100

108 8.8 8.5 12.7

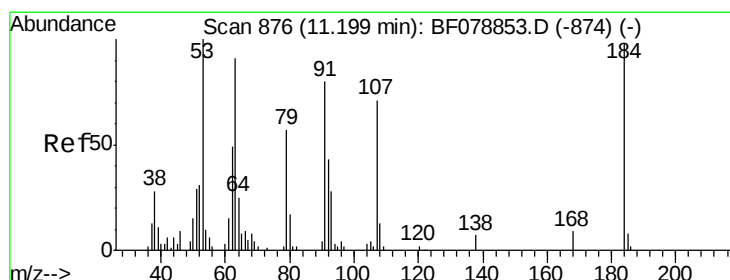
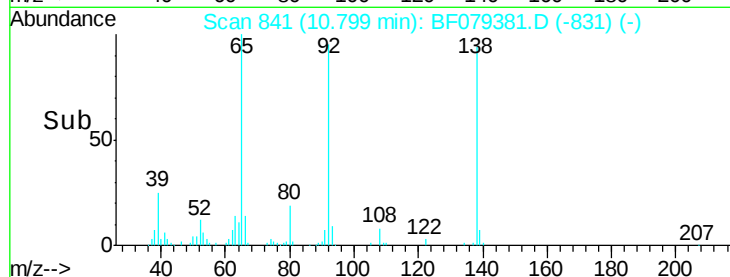
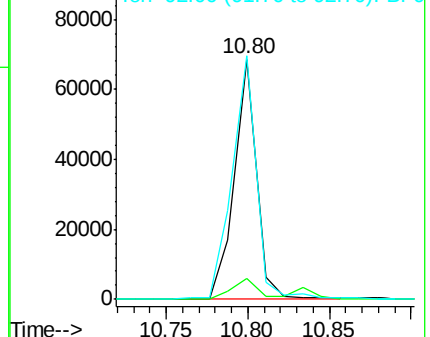
92 101.3 97.4 146.0



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): E



#53

2,4-Dinitrophenol

Concen: 60.40 ng

RT: 10.94 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

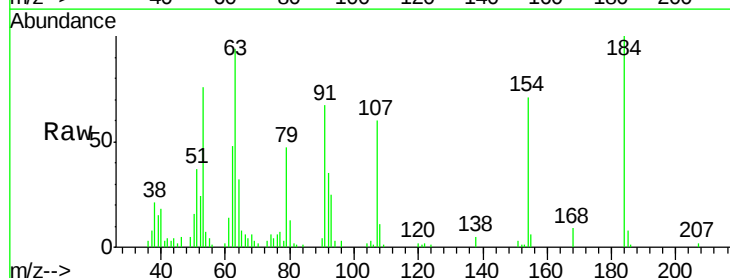
Tgt Ion:184 Resp: 43350

Ion Ratio Lower Upper

184 100

63 93.8 98.8 148.2#

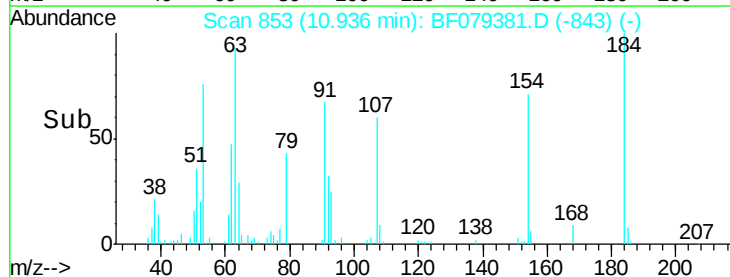
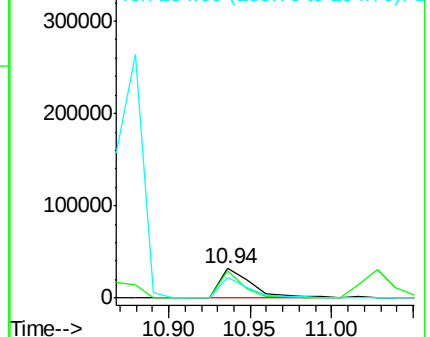
154 71.5 63.4 95.0

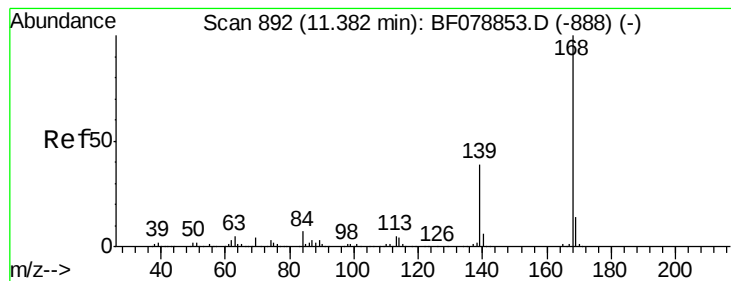


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 35.95 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

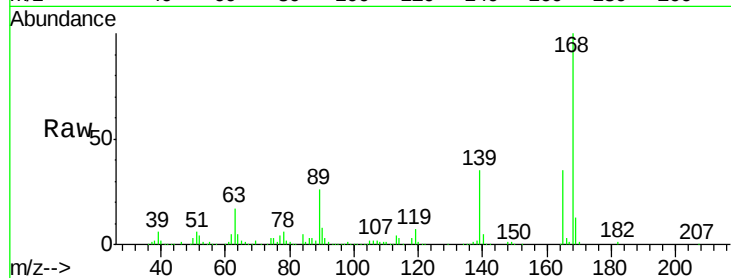
Tgt Ion:168 Resp: 443868

Ion Ratio Lower Upper

168 100

139 34.9 31.5 47.3

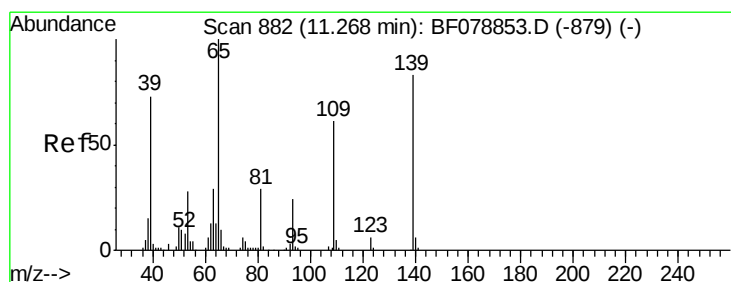
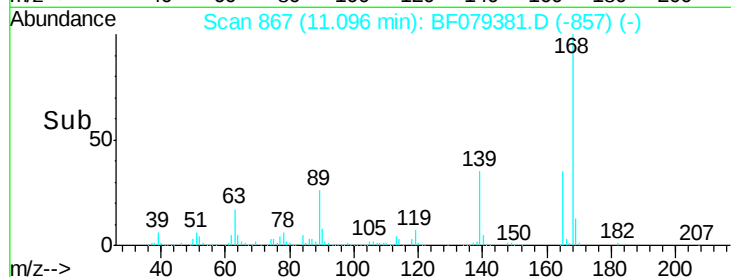
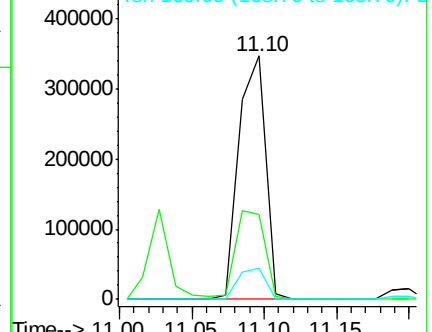
169 12.7 11.0 16.4



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: 63.46 ng

RT: 11.03 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

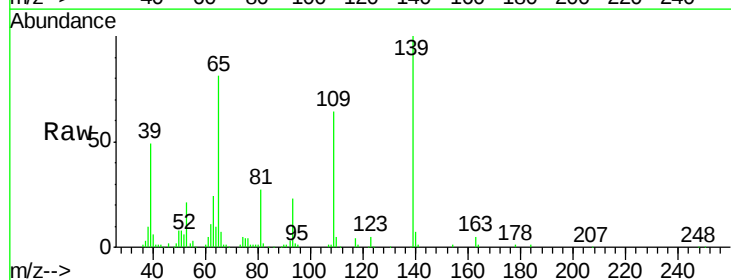
Tgt Ion:139 Resp: 127961

Ion Ratio Lower Upper

139 100

109 64.0 54.4 94.4

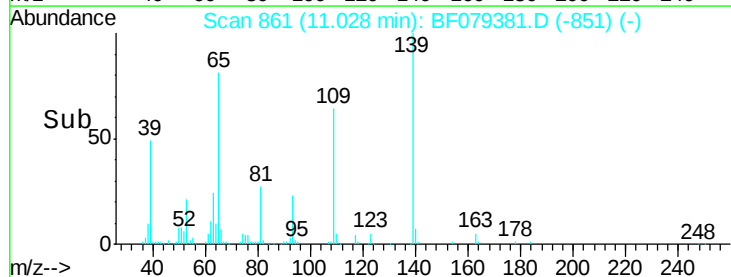
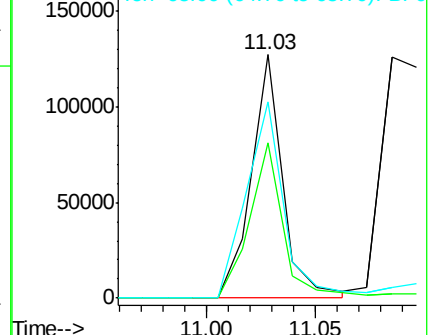
65 80.7 101.0 141.0#

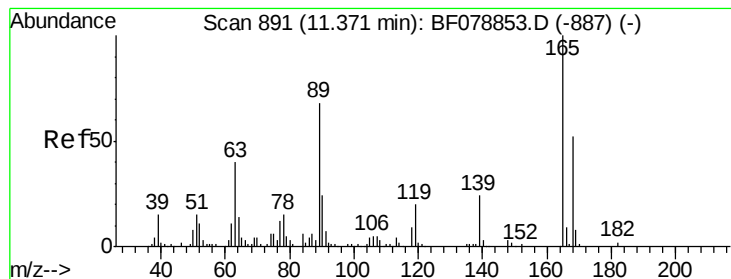


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 38.42 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

Tgt Ion:165 Resp: 103575

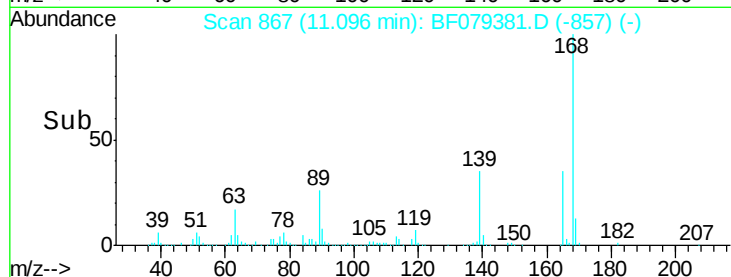
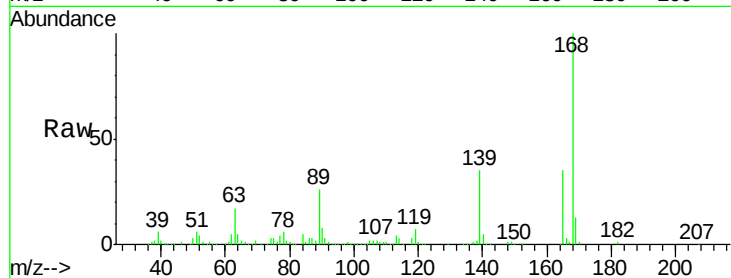
Ion Ratio Lower Upper

165 100

63 48.8 32.3 48.5#

89 75.1 54.6 81.8

182 1.8 1.8 2.6

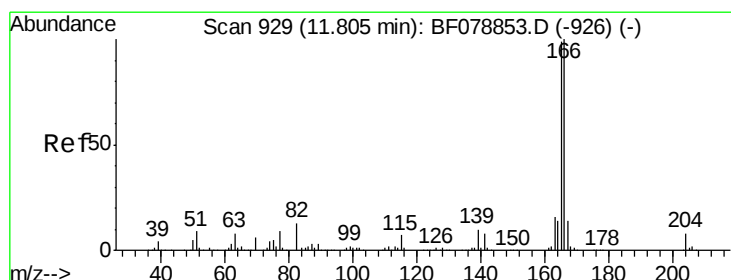
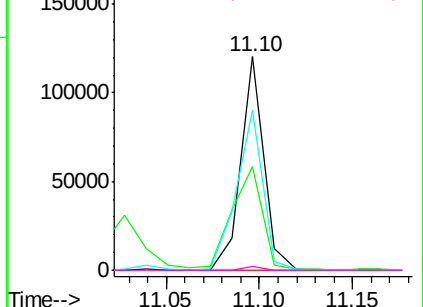


Abundance Ion 165.00 (164.70 to 165.70): E

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: 35.82 ng

RT: 11.52 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

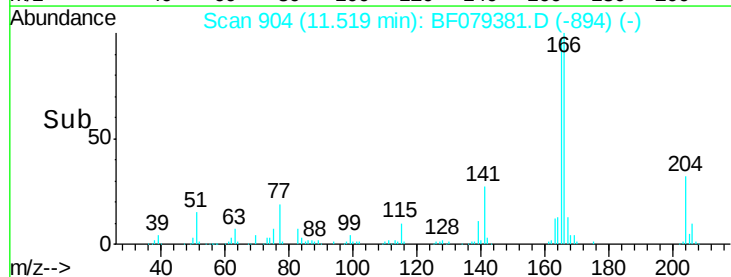
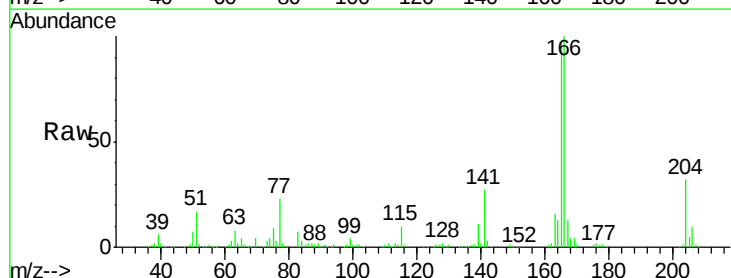
Tgt Ion:166 Resp: 363091

Ion Ratio Lower Upper

166 100

165 97.2 79.5 119.3

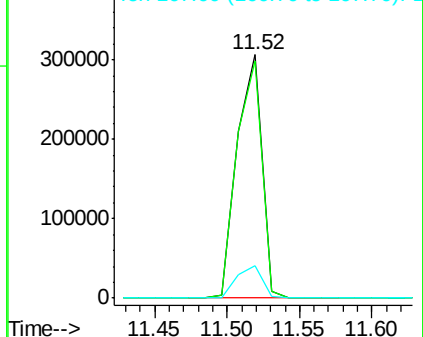
167 13.1 11.0 16.6

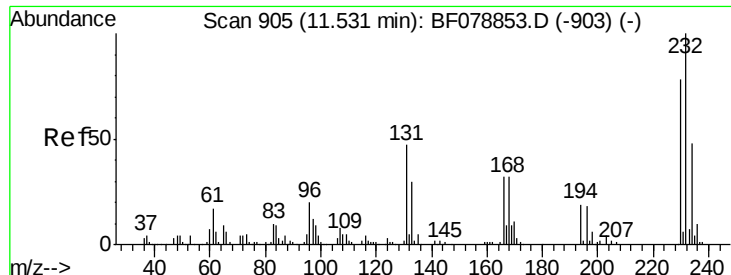


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

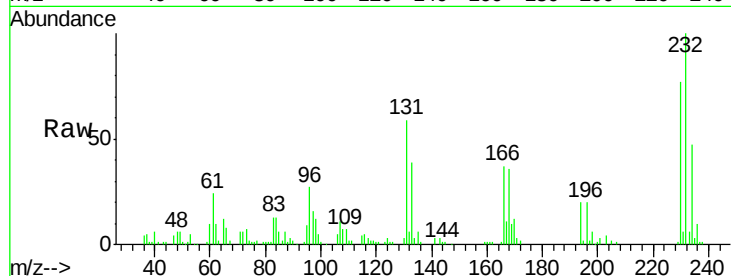




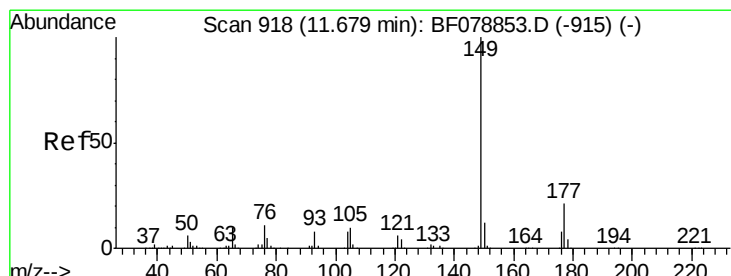
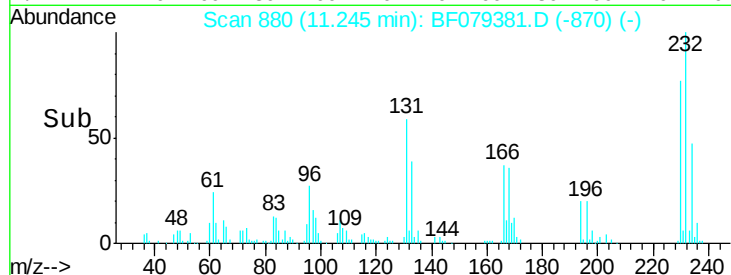
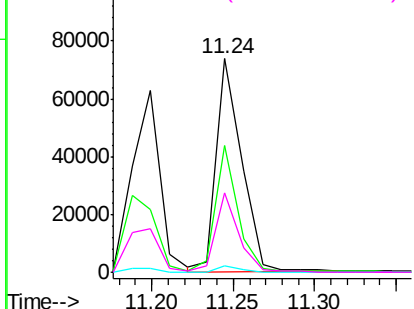
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.20 ng
 RT: 11.24 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB83494BS

Tgt Ion:232 Resp: 79284
 Ion Ratio Lower Upper
 232 100
 131 52.4 41.9 62.9
 130 2.4 1.9 2.9
 166 34.5 27.0 40.6

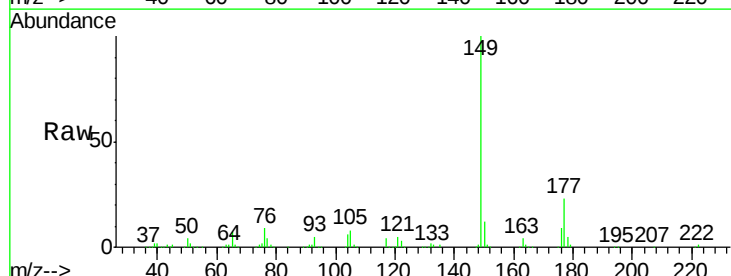


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

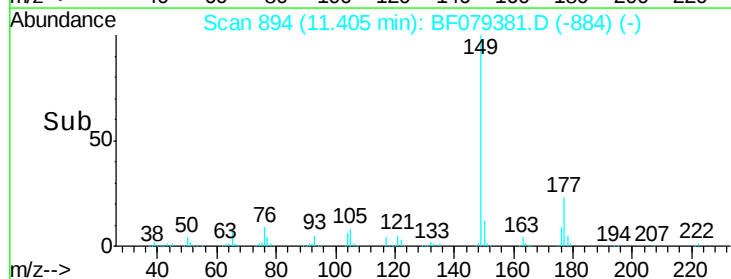
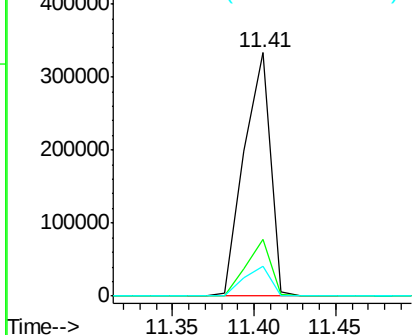


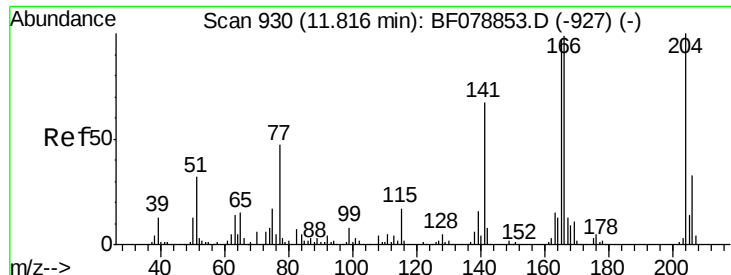
#59
 Diethylphthalate
 Concen: 36.40 ng
 RT: 11.41 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion:149 Resp: 372692
 Ion Ratio Lower Upper
 149 100
 177 23.2 16.4 24.6
 150 12.2 9.8 14.6



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

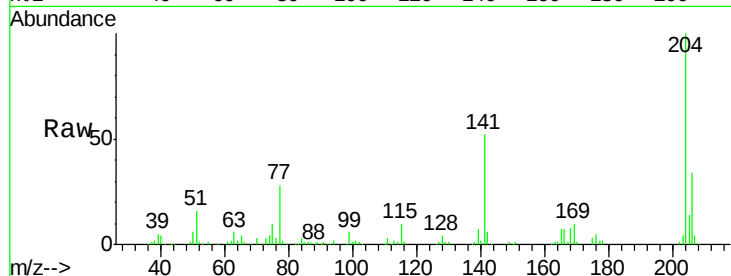




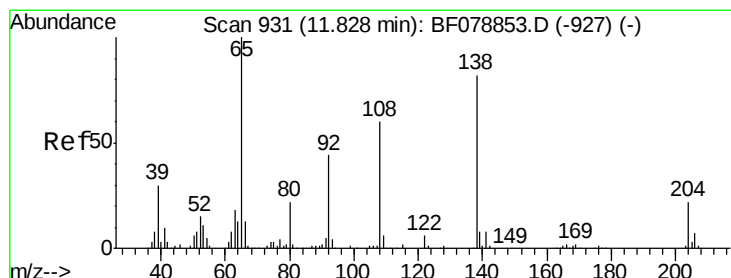
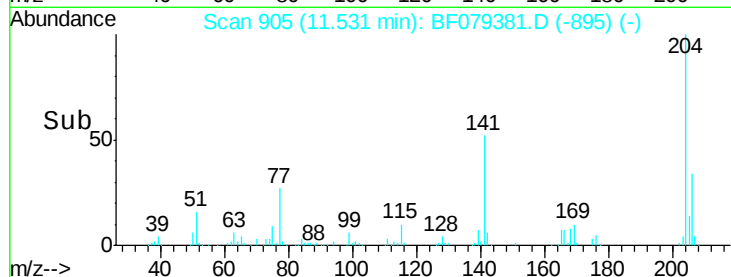
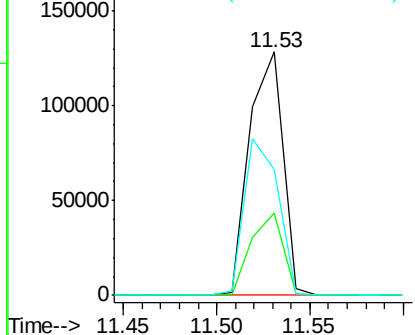
#60
 4-Chlorophenyl-phenylether
 Concen: 35.42 ng
 RT: 11.53 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB83494BS

Tgt Ion: 204 Resp: 159256
 Ion Ratio Lower Upper
 204 100
 206 33.8 26.2 39.4
 141 51.7 53.6 80.4#

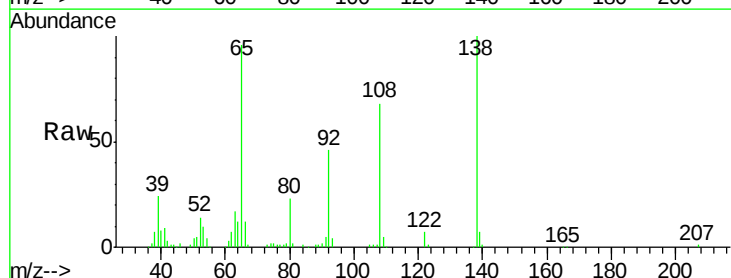


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

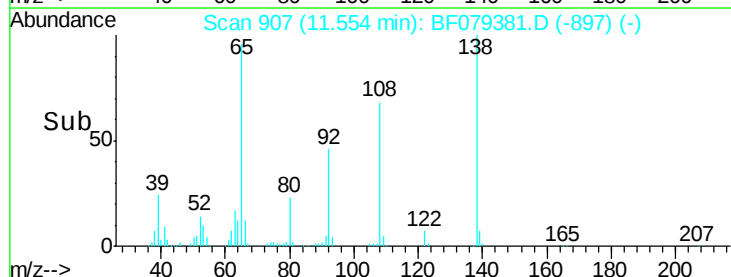
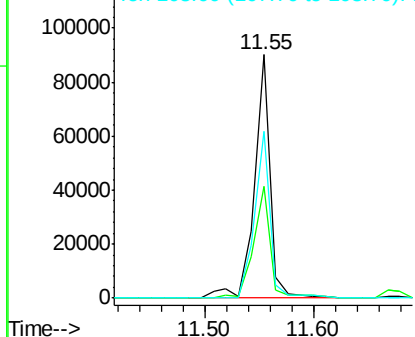


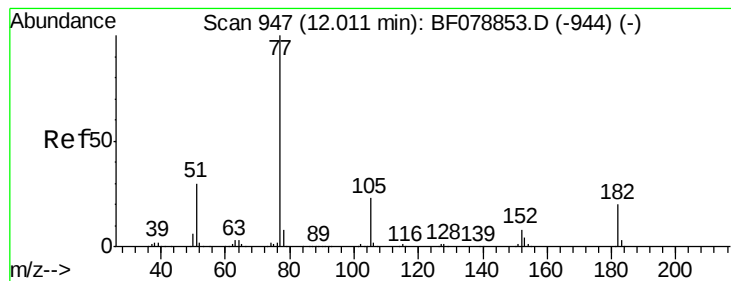
#61
 4-Nitroaniline
 Concen: 36.11 ng
 RT: 11.55 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion: 138 Resp: 92041
 Ion Ratio Lower Upper
 138 100
 92 45.8 33.7 73.7
 108 68.3 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: 36.39 ng

RT: 11.73 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

Tgt Ion: 77 Resp: 367129

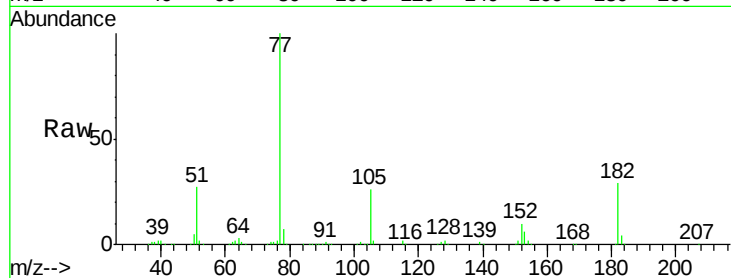
Ion Ratio Lower Upper

77 100

182 28.7 0.0 40.0

105 25.8 2.9 42.9

51 27.1 10.0 50.0

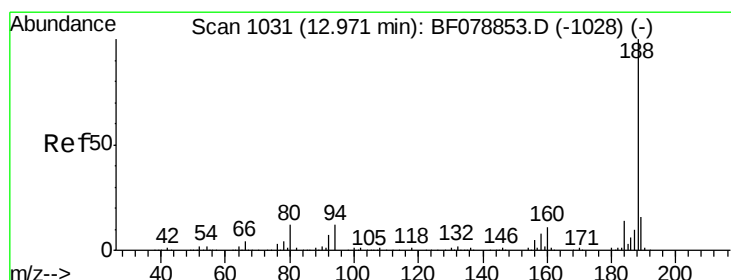
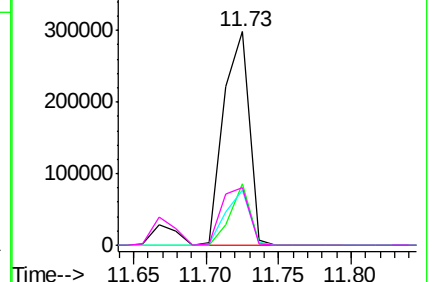
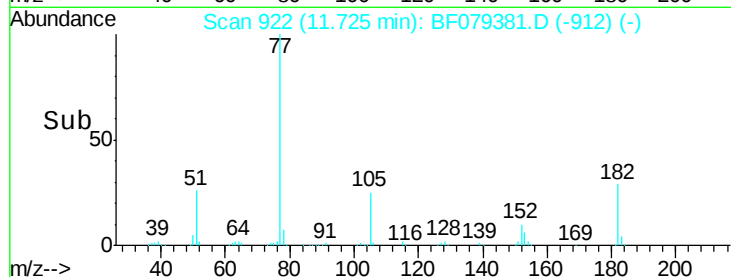


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.67 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

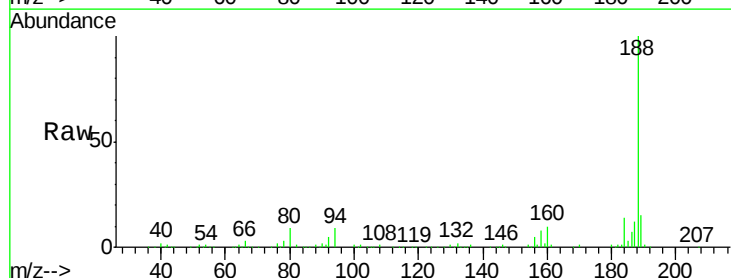
Tgt Ion: 188 Resp: 269388

Ion Ratio Lower Upper

188 100

94 9.1 9.4 14.0#

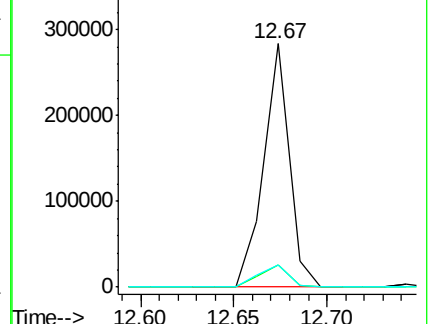
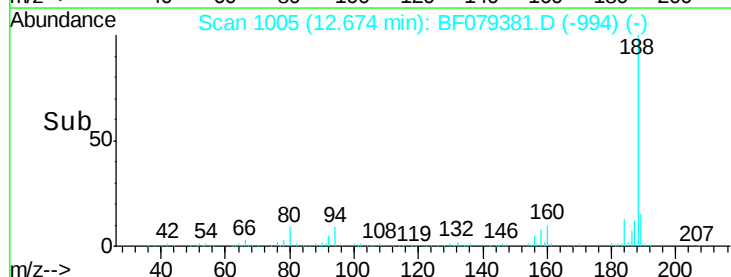
80 9.3 9.8 14.6#

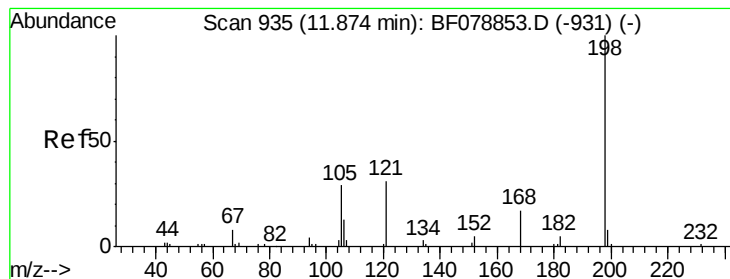


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 36.22 ng

RT: 11.60 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

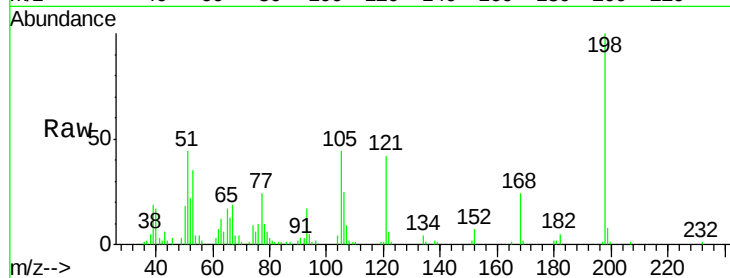
Tgt Ion:198 Resp: 36570

Ion Ratio Lower Upper

198 100

51 43.7 7.0 47.0

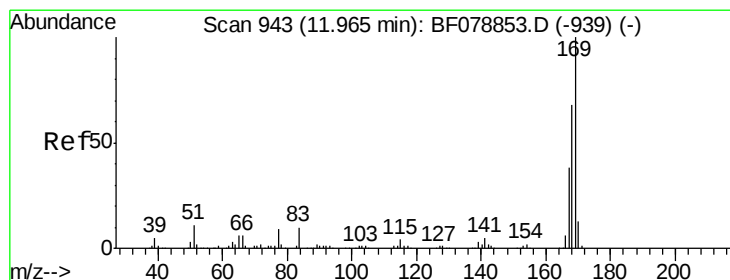
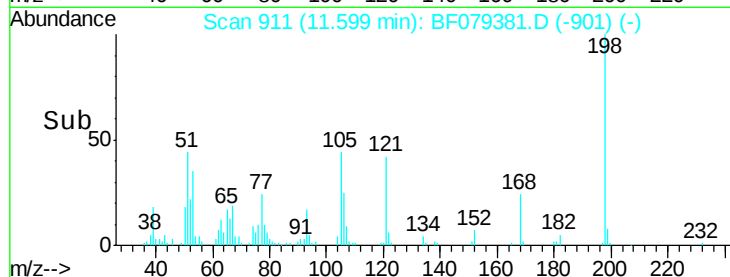
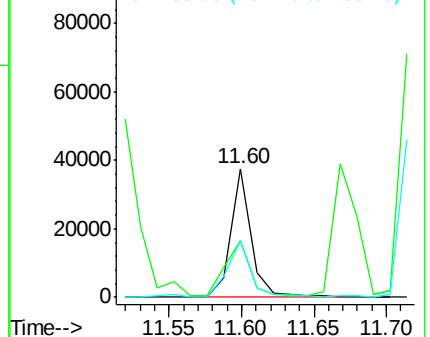
105 44.4 13.7 53.7



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: 34.75 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

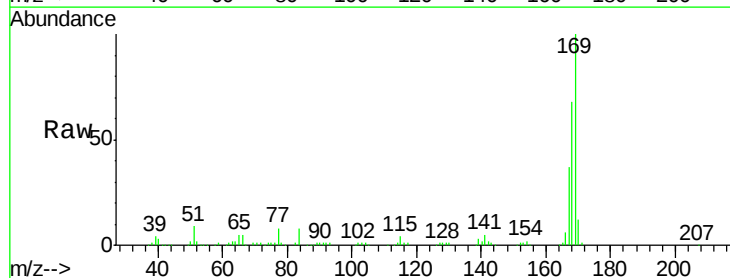
Tgt Ion:169 Resp: 311748

Ion Ratio Lower Upper

169 100

168 67.6 54.1 81.1

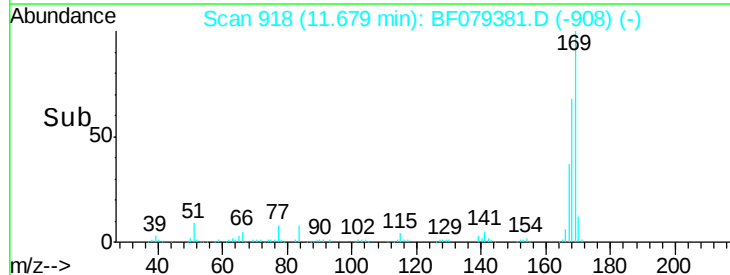
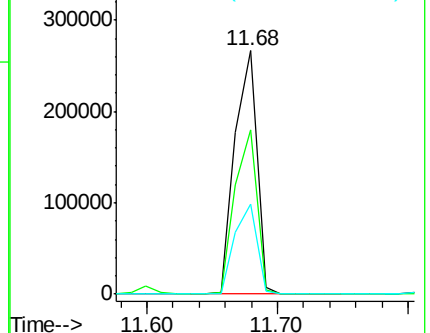
167 36.9 30.1 45.1

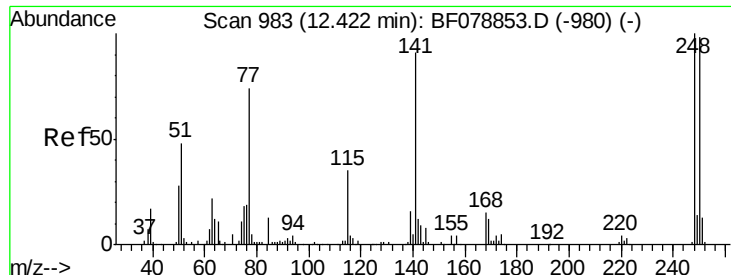


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

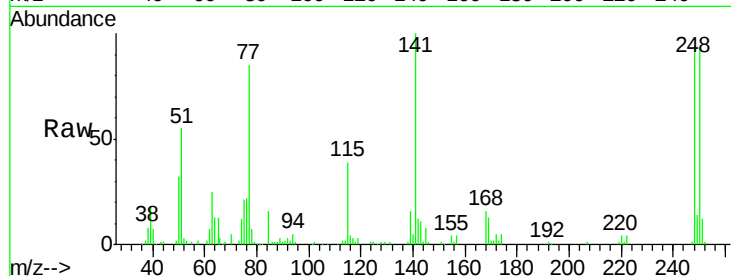




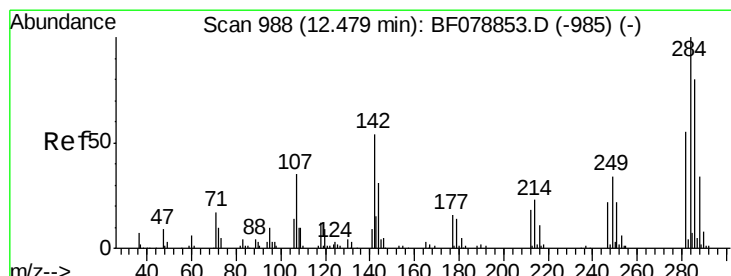
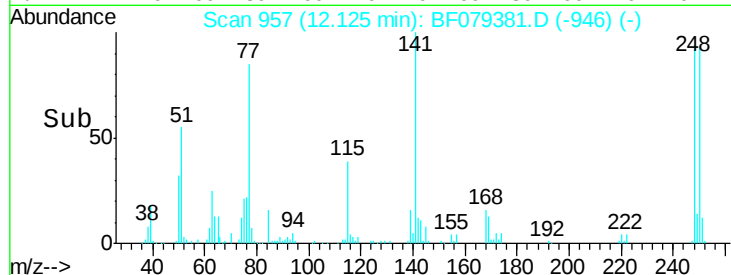
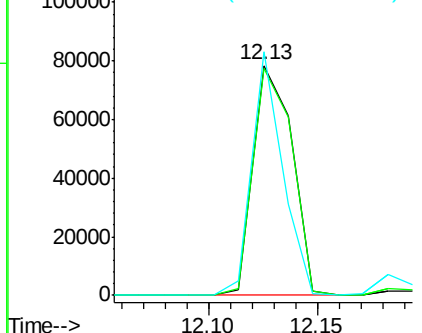
#66
 4-Bromophenyl-phenylether
 Concen: 34.93 ng
 RT: 12.13 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Instrument :
 BNA_F
 ClientSampled :
 PB83494BS

Tgt Ion:248 Resp: 98085
 Ion Ratio Lower Upper
 248 100
 250 98.6 78.0 117.0
 141 105.9 72.6 109.0

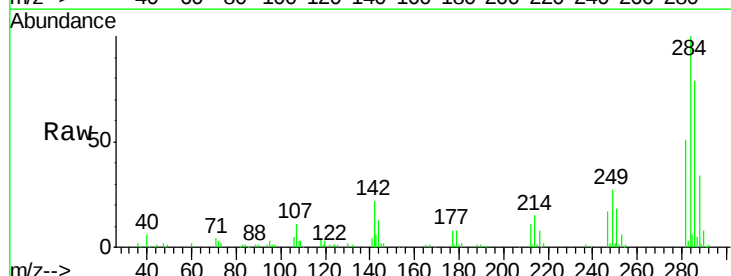


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

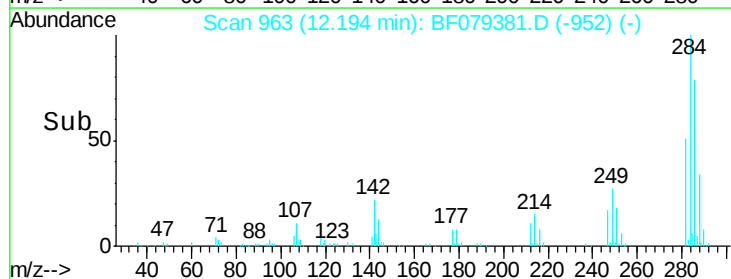
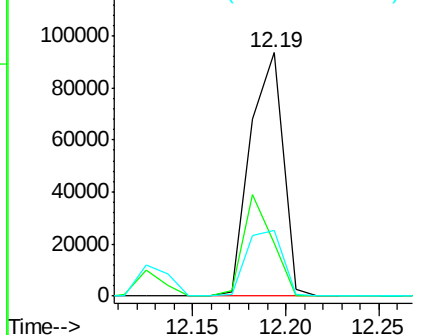


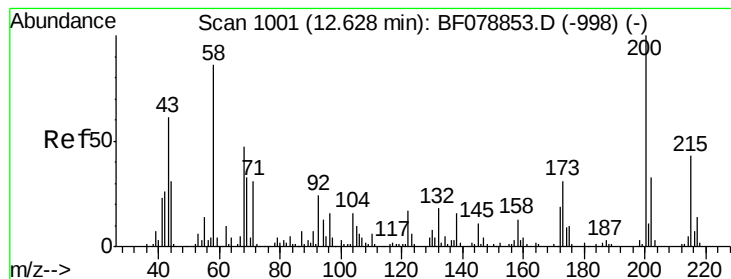
#67
 Hexachlorobenzene
 Concen: 35.34 ng
 RT: 12.19 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion:284 Resp: 113417
 Ion Ratio Lower Upper
 284 100
 142 21.6 43.2 64.8#
 249 27.1 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: 38.14 ng

RT: 12.35 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

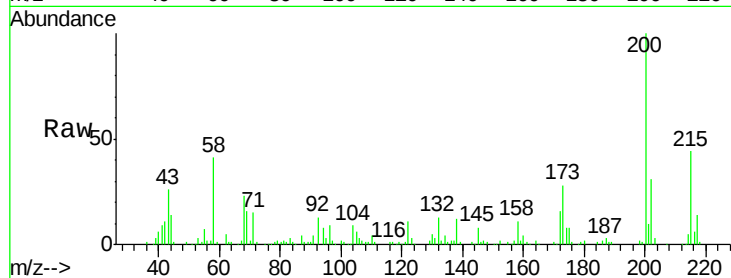
Tgt Ion:200 Resp: 99497

Ion Ratio Lower Upper

200 100

173 28.1 10.9 50.9

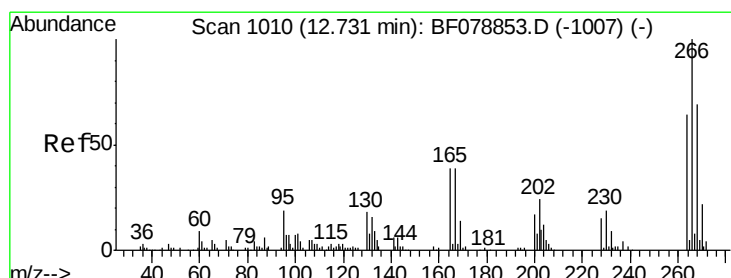
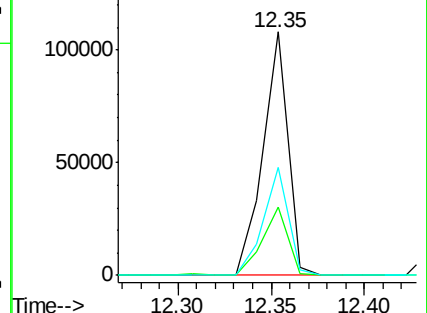
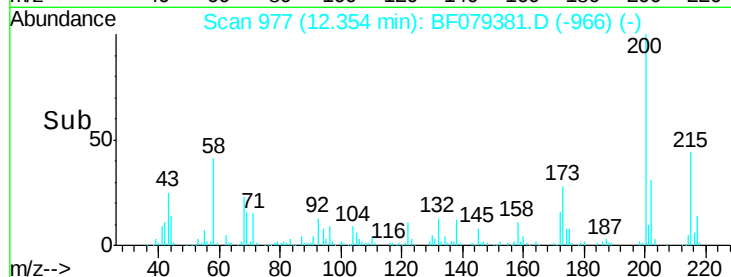
215 44.3 23.2 63.2



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: 58.22 ng

RT: 12.45 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

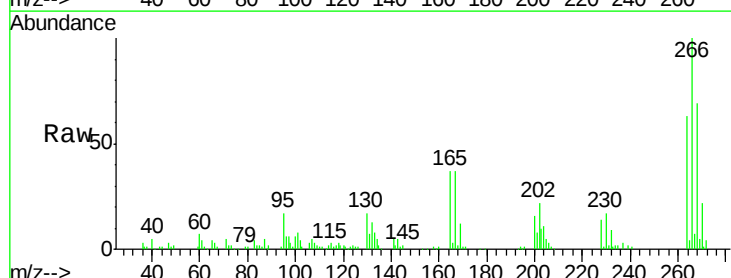
Tgt Ion:266 Resp: 105495

Ion Ratio Lower Upper

266 100

268 68.8 55.0 82.6

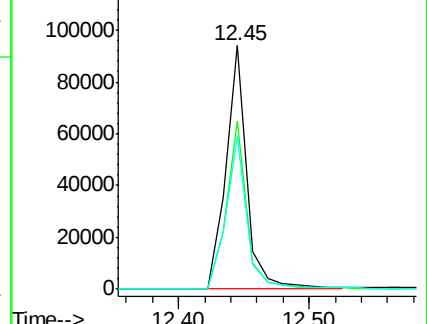
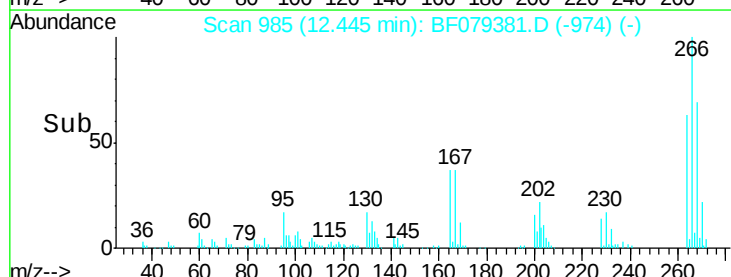
264 62.7 50.9 76.3

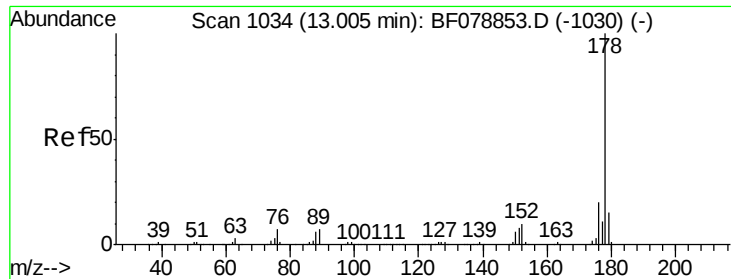


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

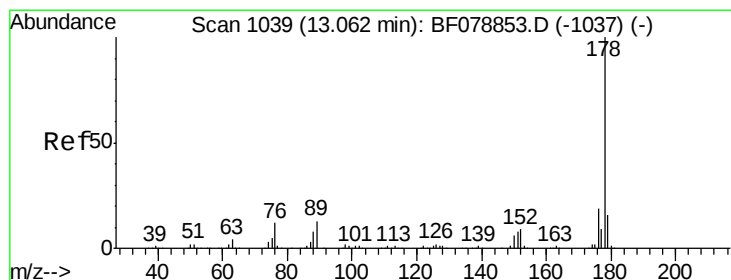
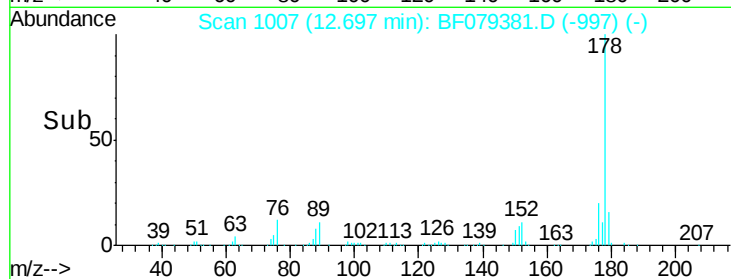
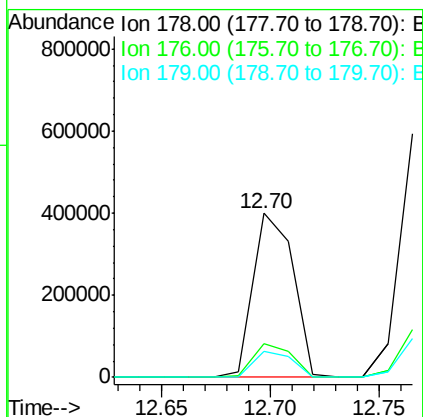
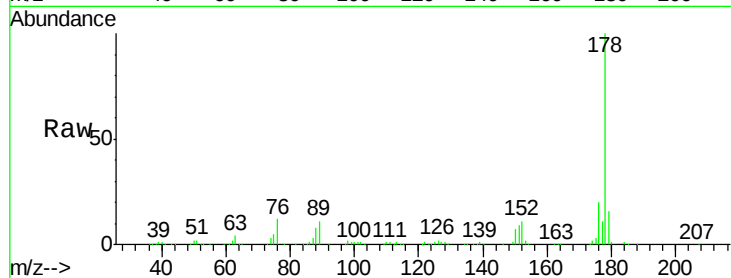




#70
Phenanthrene
Concen: 34.18 ng
RT: 12.70 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

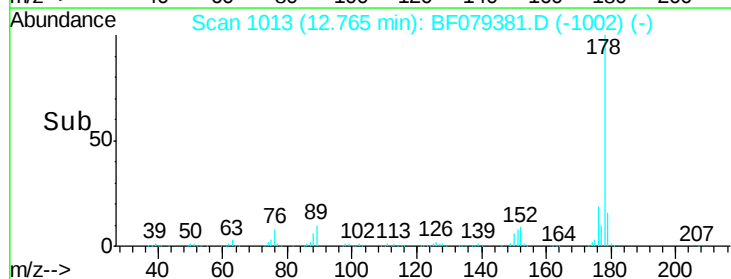
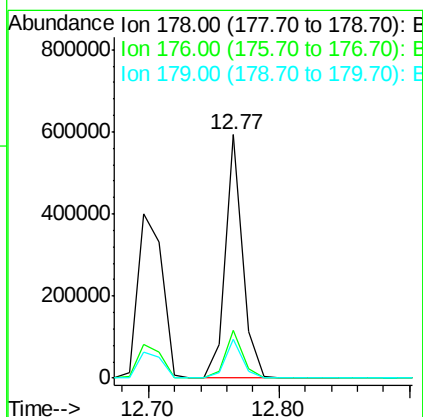
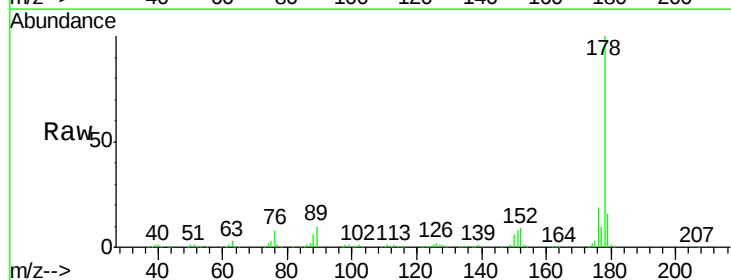
Instrument :
BNA_F
ClientSampleId :
PB83494BS

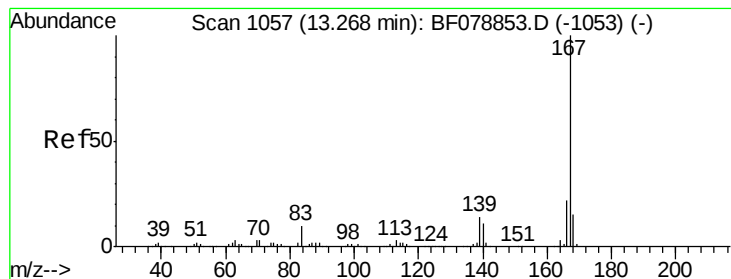
Tgt Ion:178 Resp: 515121
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 16.0 12.2 18.4



#71
Anthracene
Concen: 36.81 ng
RT: 12.77 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Tgt Ion:178 Resp: 544222
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.8 12.6 19.0





#72

Carbazole

Concen: 36.38 ng

RT: 12.97 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

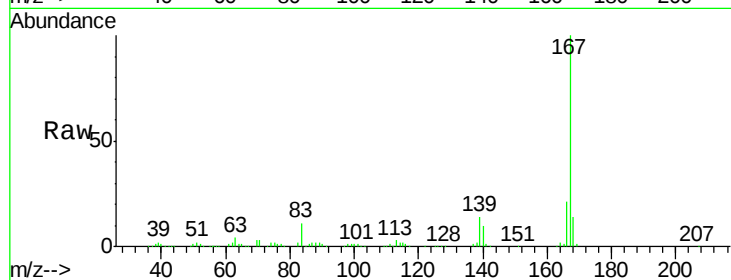
Tgt Ion:167 Resp: 512660

Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

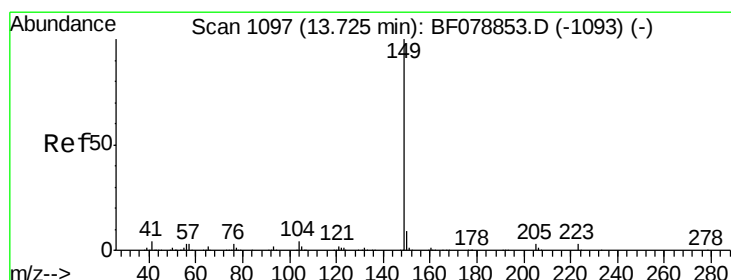
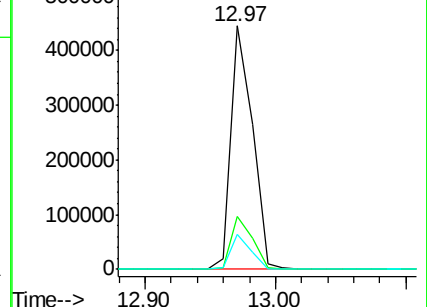
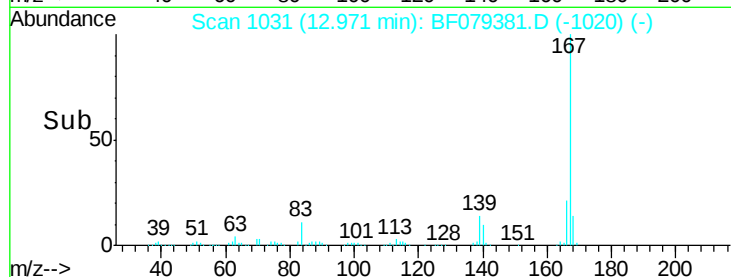
139 14.3 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 36.66 ng

RT: 13.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

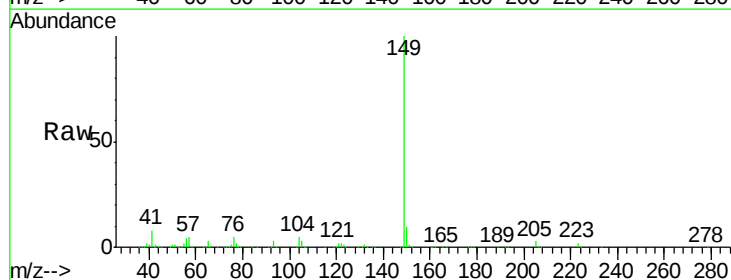
Tgt Ion:149 Resp: 619540

Ion Ratio Lower Upper

149 100

150 9.6 7.0 10.4

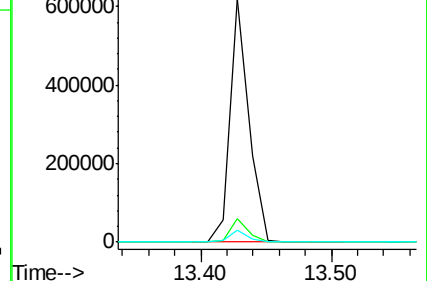
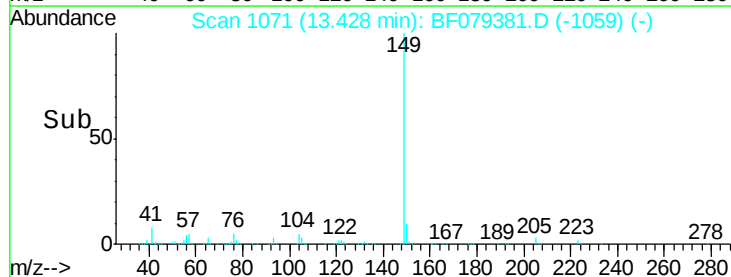
104 5.0 3.3 4.9#

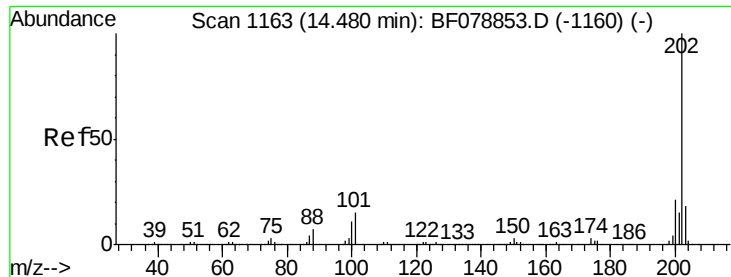


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

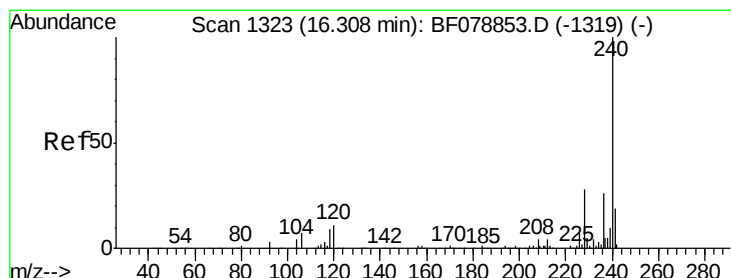
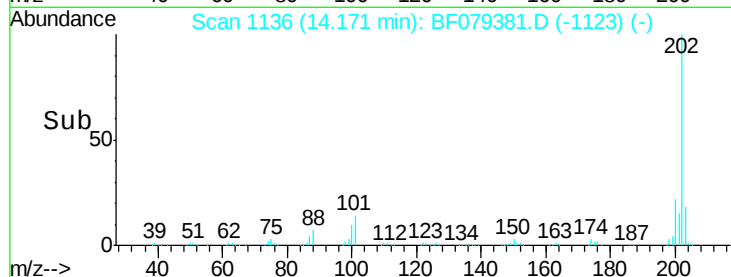
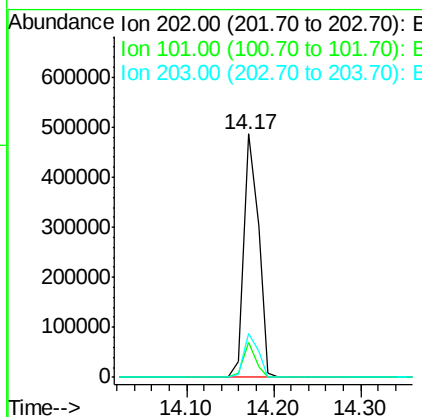
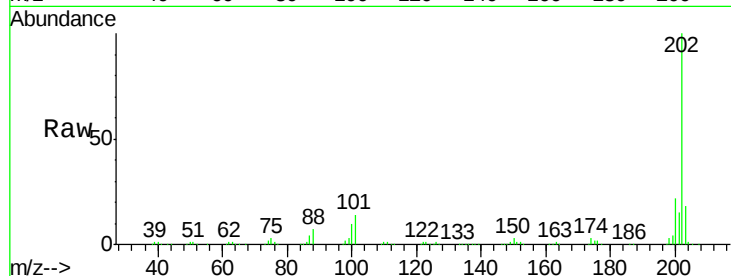




#74
 Fluoranthene
 Concen: 36.62 ng
 RT: 14.17 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

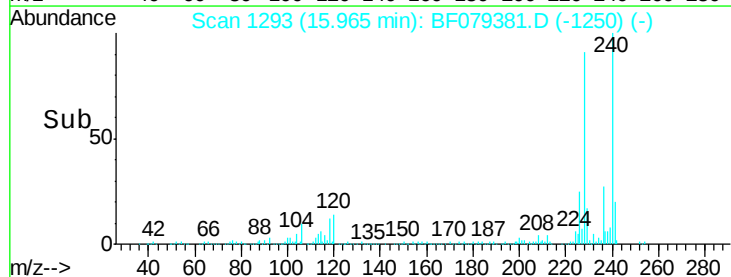
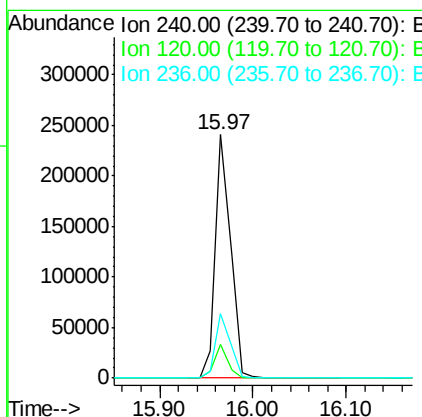
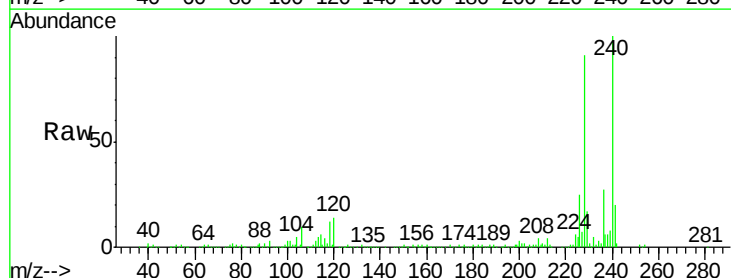
Instrument :
 BNA_F
 ClientSampleId :
 PB83494BS

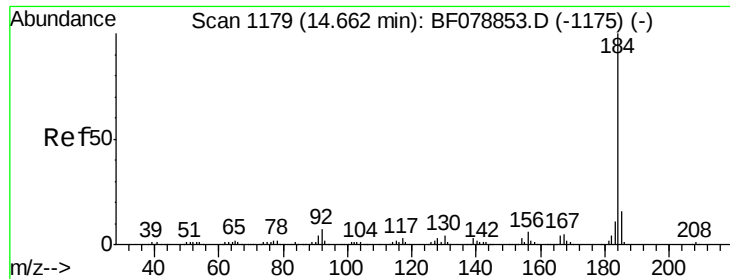
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.7
203	17.9	0.0	37.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.97 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.8	8.6	12.8#
236	26.7	21.0	31.6

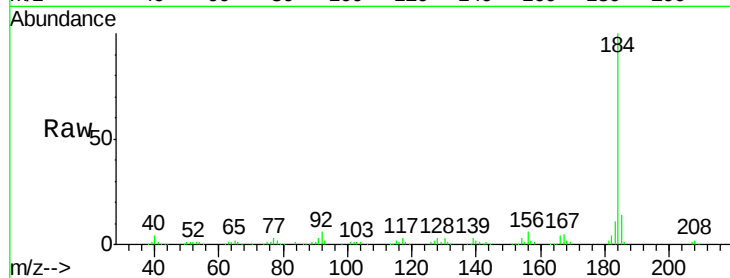




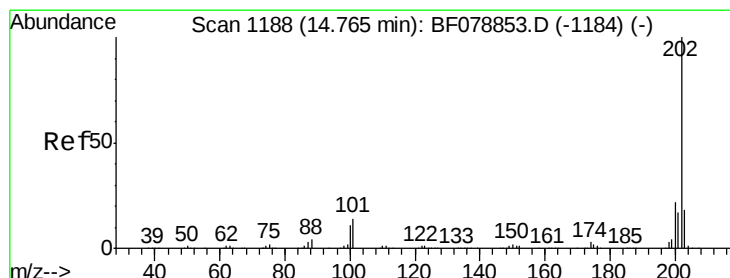
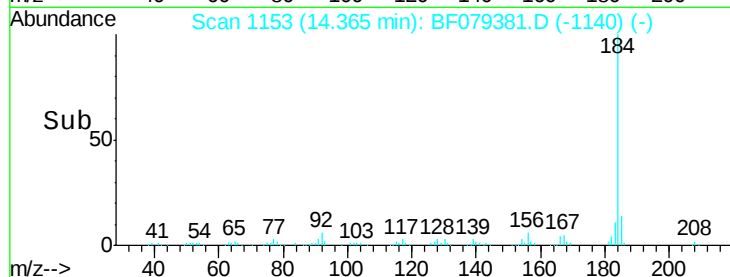
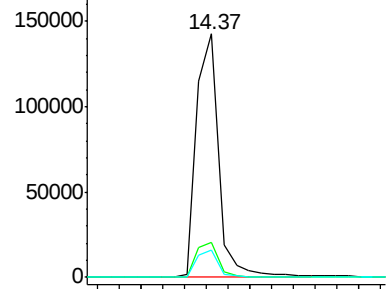
#76
Benzidine
Concen: 27.60 ng
RT: 14.37 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Instrument :
BNA_F
ClientSampleId :
PB83494BS

Tgt Ion:184 Resp: 204022
Ion Ratio Lower Upper
184 100
185 14.2 12.8 19.2
183 11.0 9.0 13.4

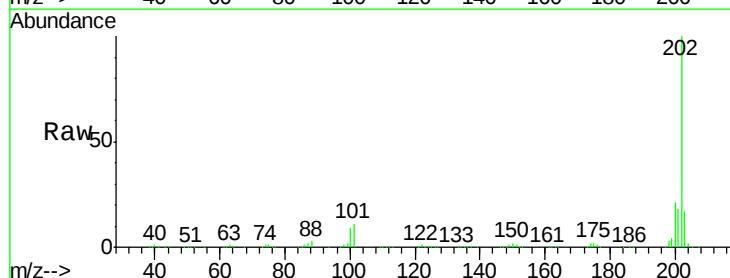


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

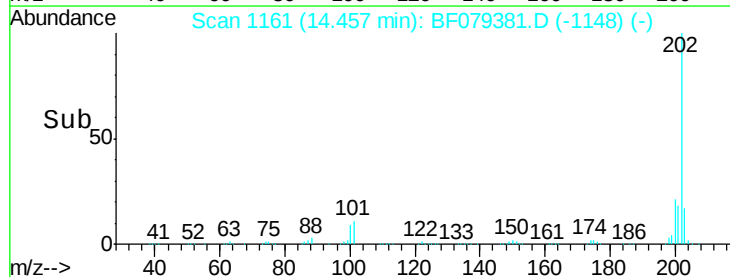
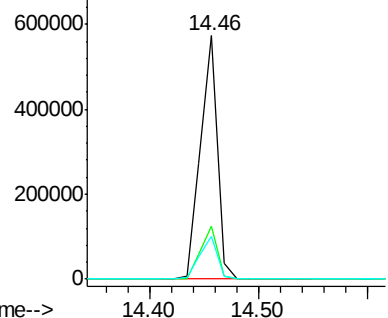


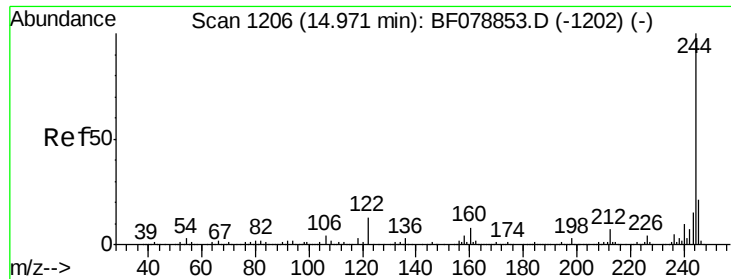
#77
Pyrene
Concen: 38.91 ng
RT: 14.46 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Tgt Ion:202 Resp: 614826
Ion Ratio Lower Upper
202 100
200 21.5 17.5 26.3
203 17.4 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

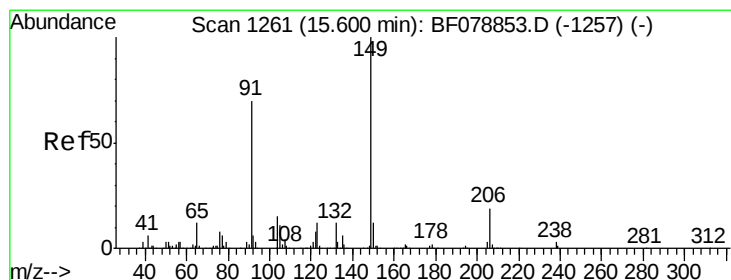
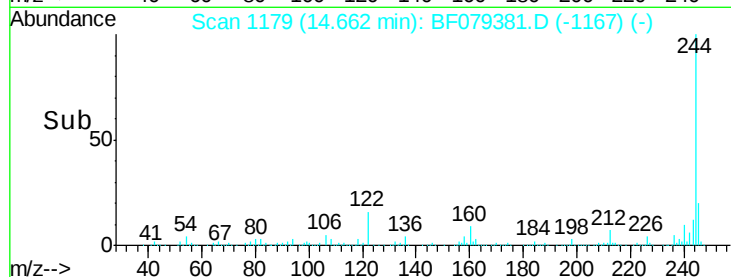
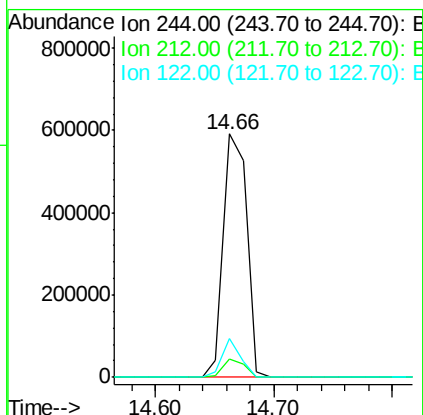
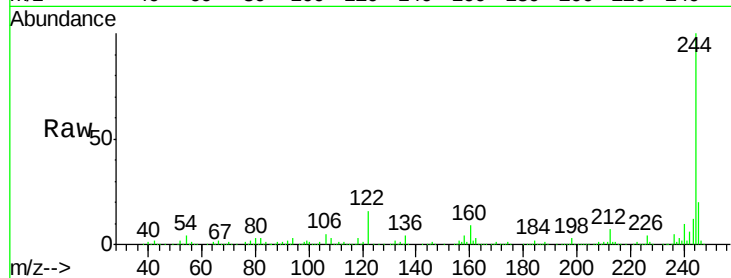




#78
 Terphenyl-d14
 Concen: 70.50 ng
 RT: 14.66 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

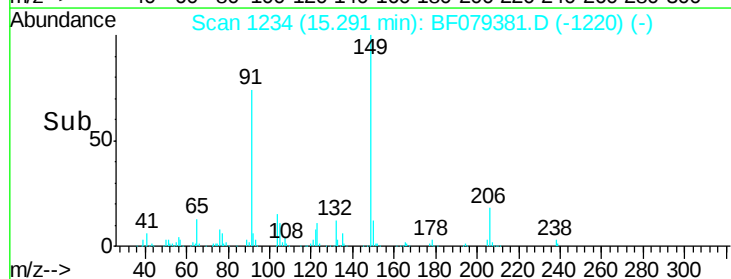
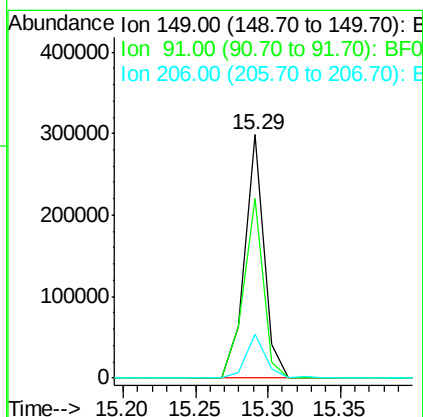
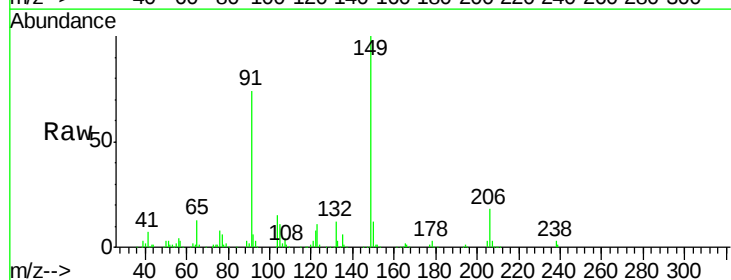
Instrument :
 BNA_F
 ClientSampleId :
 PB83494BS

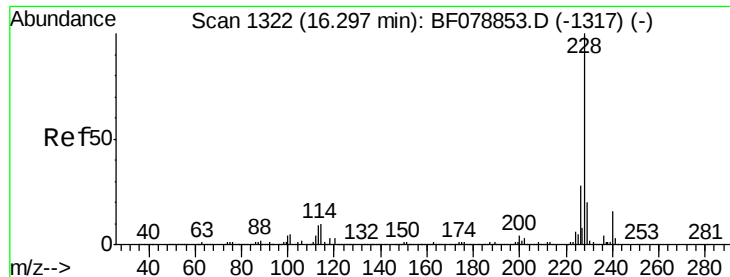
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	16.1	10.5	15.7



#79
 Butylbenzylphthalate
 Concen: 40.26 ng
 RT: 15.29 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF079381.D
 Acq: 20 May 2015 16:36

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.6	56.2	84.2
206	18.0	15.2	22.8





#80

Benzo(a)anthracene

Concen: 36.49 ng

RT: 15.95 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

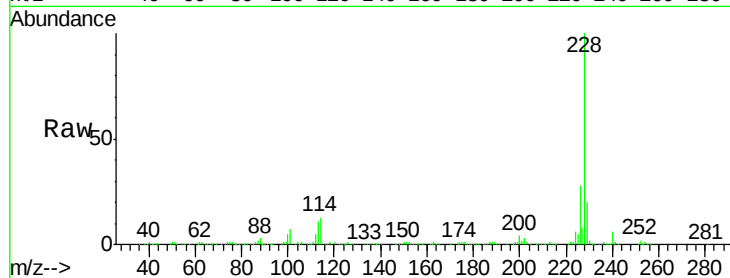
Tgt Ion:228 Resp: 547999

Ion Ratio Lower Upper

228 100

226 28.3 22.3 33.5

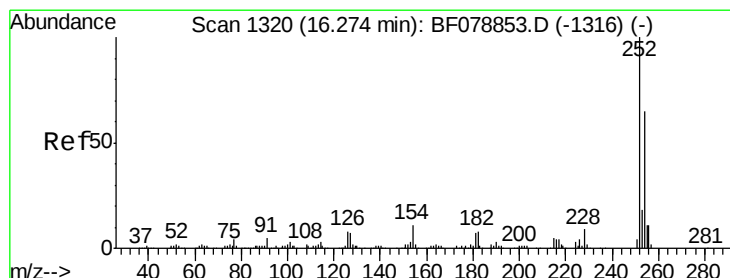
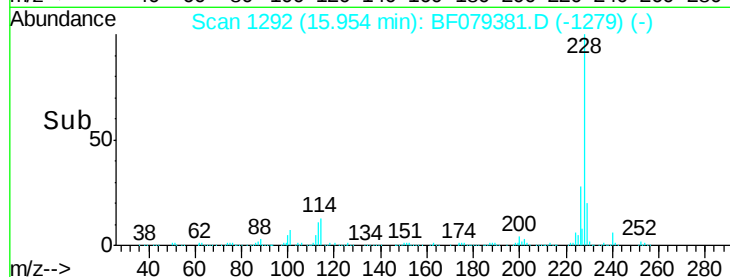
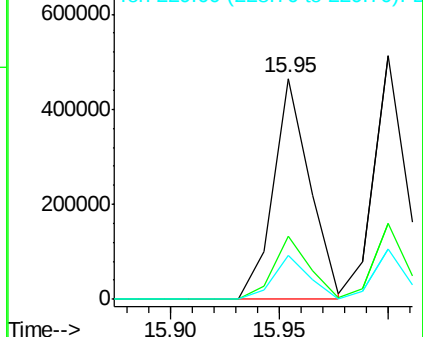
229 19.6 16.1 24.1



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: 28.24 ng

RT: 15.93 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

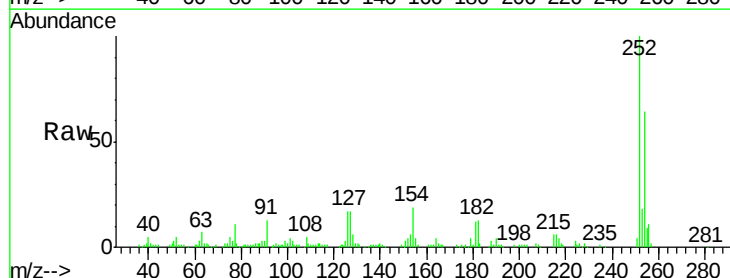
Tgt Ion:252 Resp: 151068

Ion Ratio Lower Upper

252 100

254 63.7 52.2 78.2

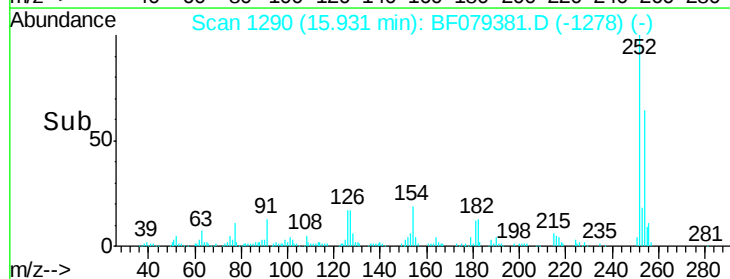
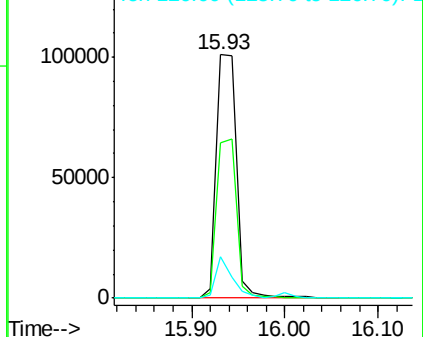
126 16.9 6.6 9.8#

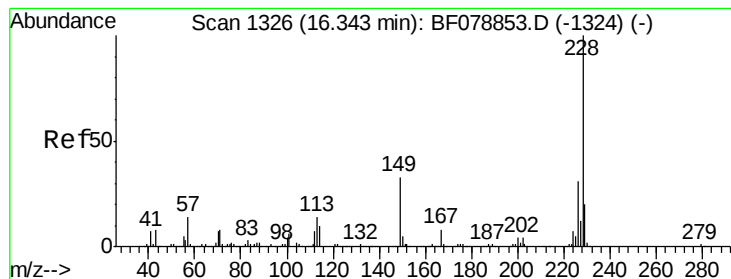


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 36.56 ng

RT: 16.00 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

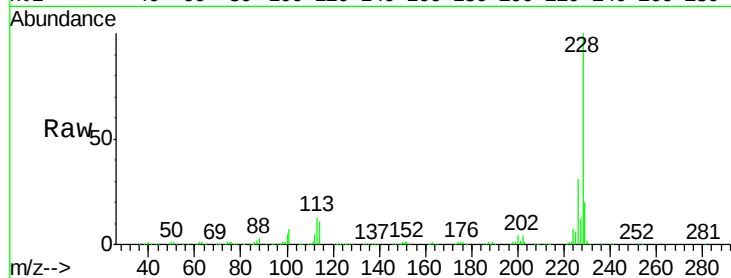
Tgt Ion:228 Resp: 528136

Ion Ratio Lower Upper

228 100

226 31.3 24.8 37.2

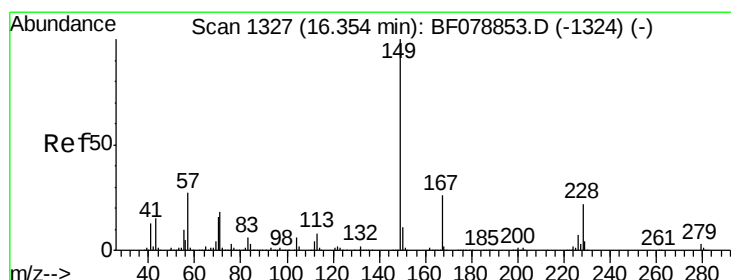
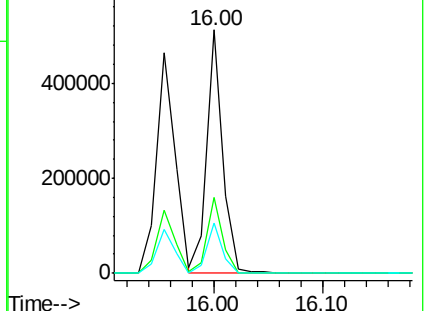
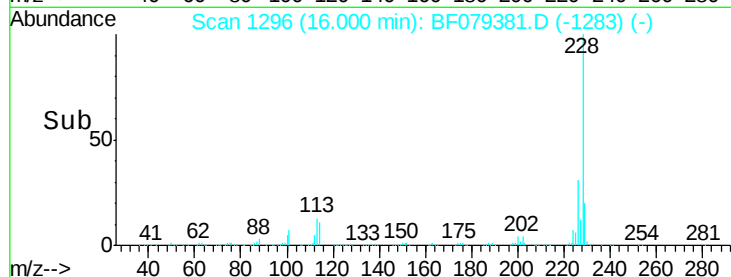
229 20.4 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 39.49 ng

RT: 16.02 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

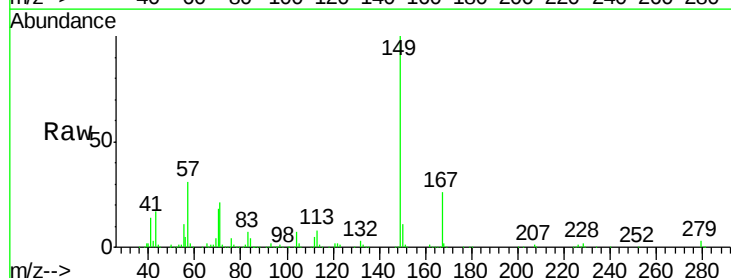
Tgt Ion:149 Resp: 413144

Ion Ratio Lower Upper

149 100

167 25.7 21.2 31.8

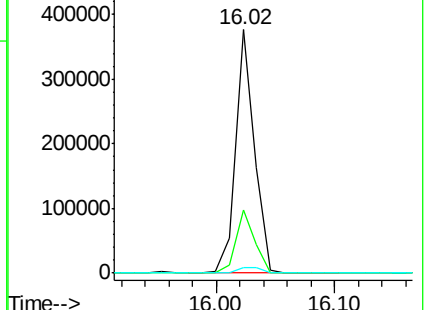
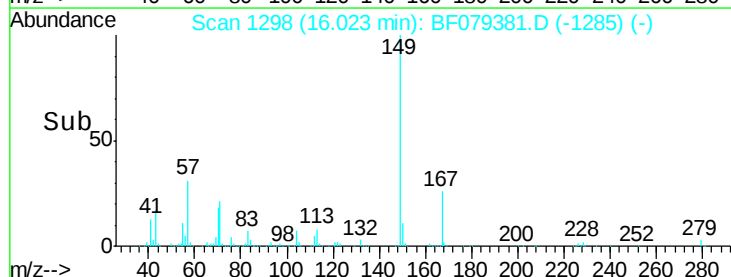
279 2.5 2.6 4.0#

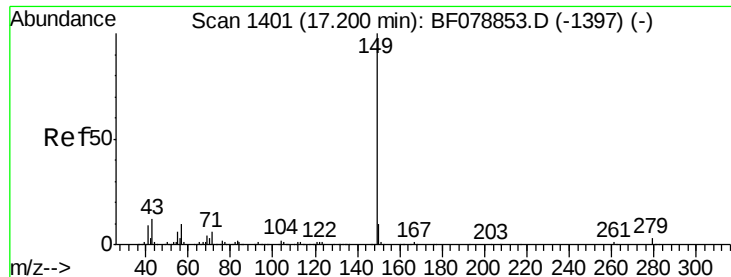


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 38.68 ng

RT: 16.85 min Scan# 1370

Delta R.T. -0.03 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

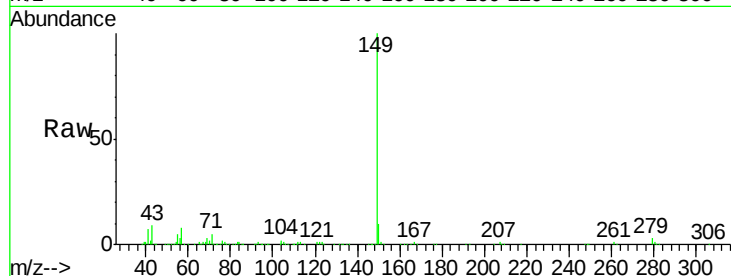
Tgt Ion:149 Resp: 712759

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

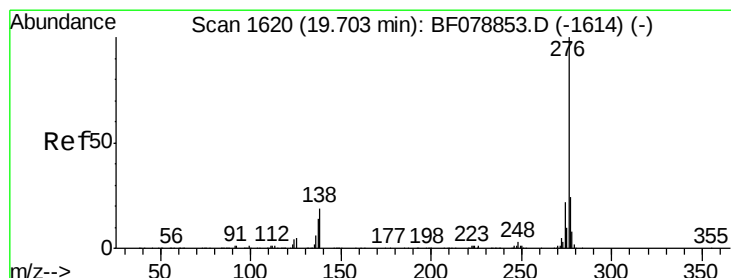
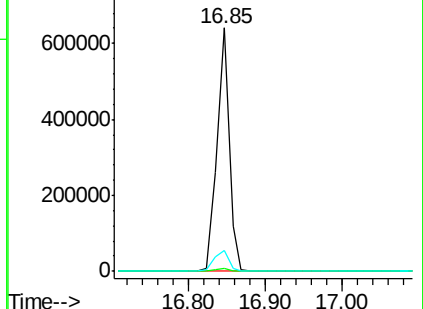
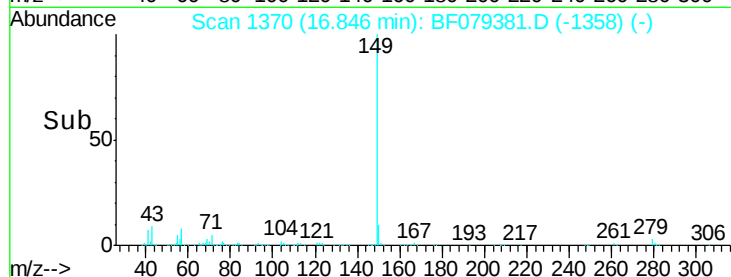
43 10.3 9.0 13.6



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: 36.78 ng

RT: 19.13 min Scan# 1570

Delta R.T. -0.08 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

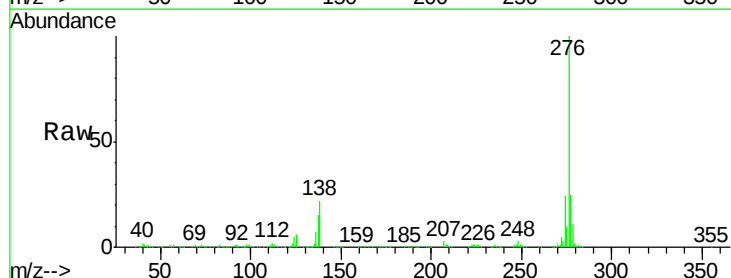
Tgt Ion:276 Resp: 676838

Ion Ratio Lower Upper

276 100

138 26.3 21.1 31.7

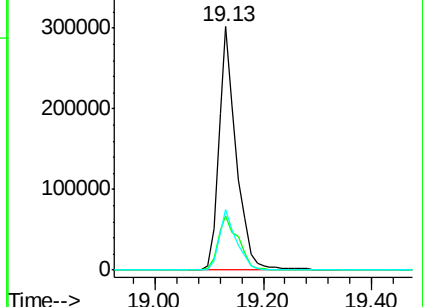
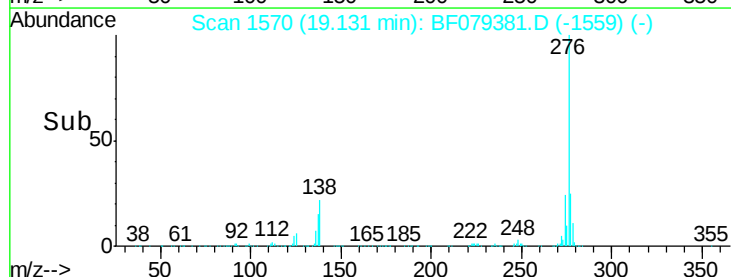
277 24.8 19.9 29.9

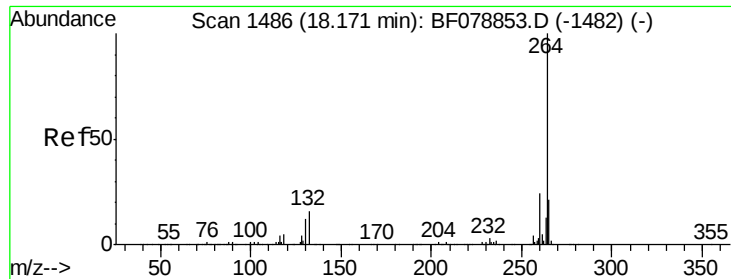


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

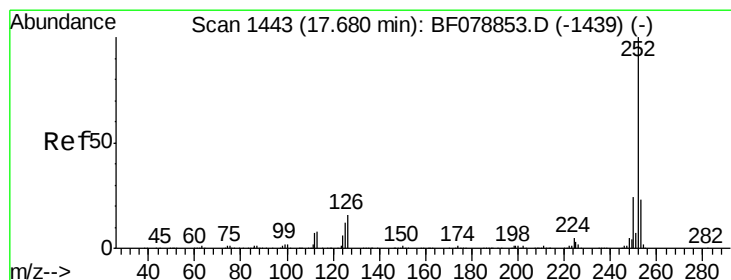
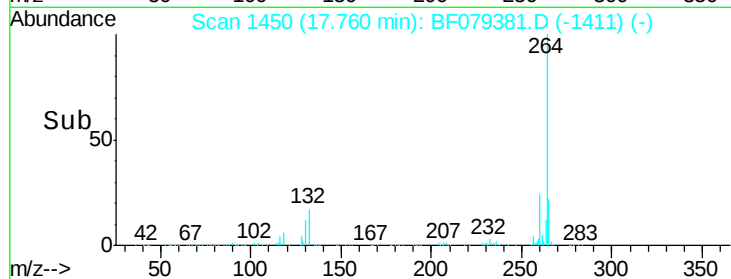
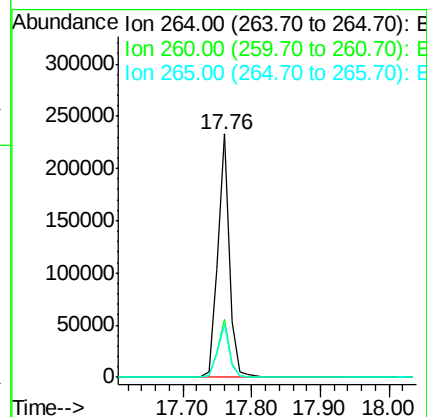
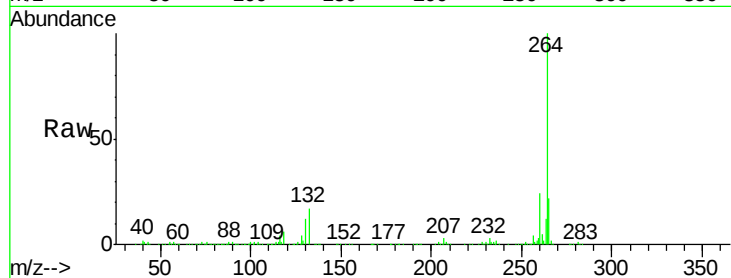




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.76 min Scan# 1450
Delta R.T. -0.06 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

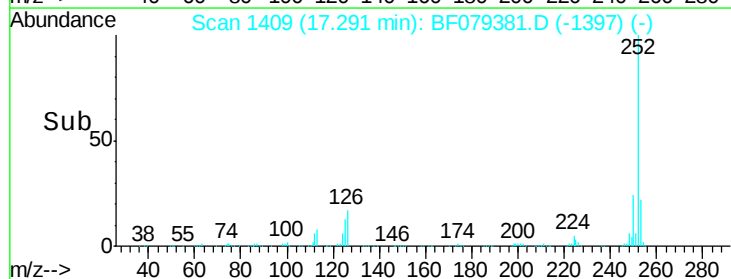
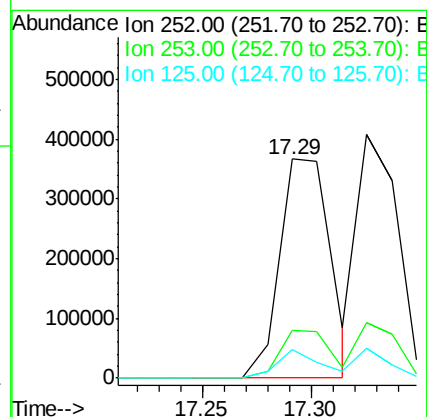
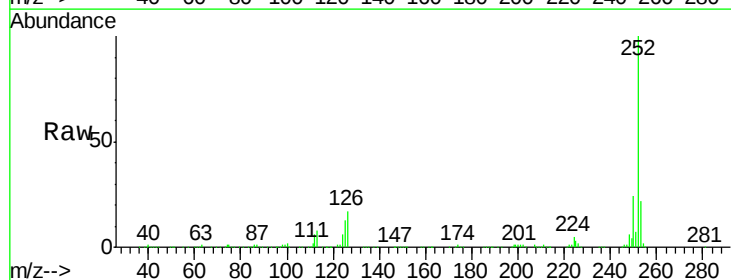
Instrument :
BNA_F
ClientSampleId :
PB83494BS

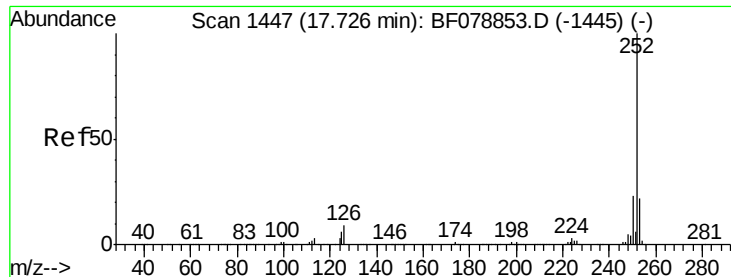
Tgt Ion: 264 Resp: 280925
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.9 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 38.87 ng
RT: 17.29 min Scan# 1409
Delta R.T. -0.05 min
Lab File: BF079381.D
Acq: 20 May 2015 16:36

Tgt Ion: 252 Resp: 597665
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 12.8 9.4 14.2





#88

Benzo(k)fluoranthene

Concen: 36.26 ng

RT: 17.33 min Scan# 1412

Delta R.T. -0.05 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

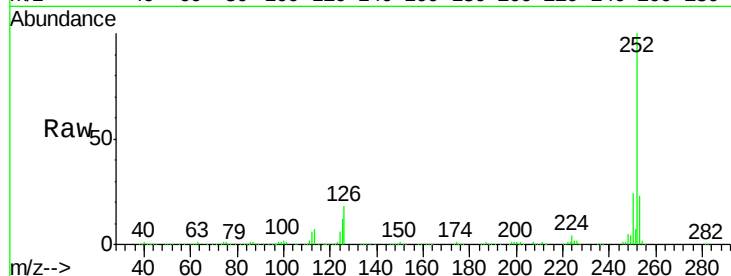
Tgt Ion:252 Resp: 539744

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

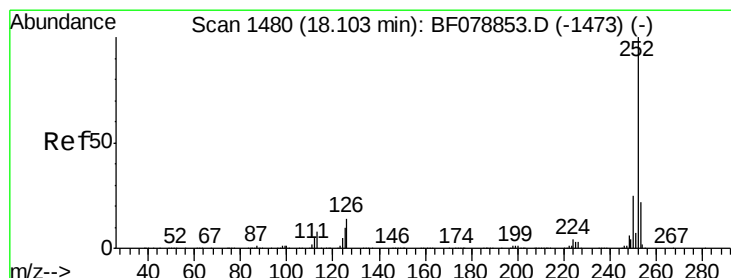
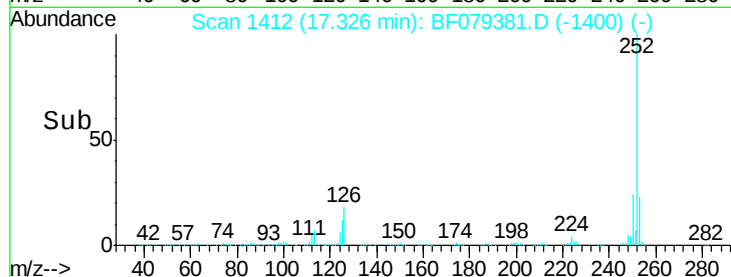
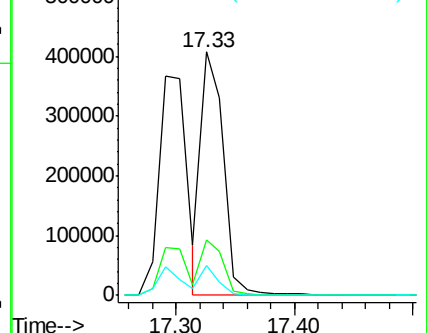
125 12.2 6.1 9.1#



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: 39.18 ng

RT: 17.69 min Scan# 1444

Delta R.T. -0.06 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

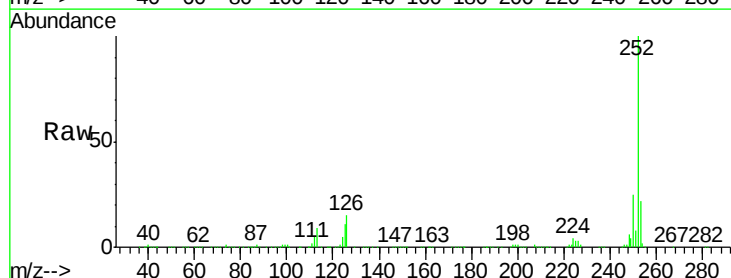
Tgt Ion:252 Resp: 554657

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

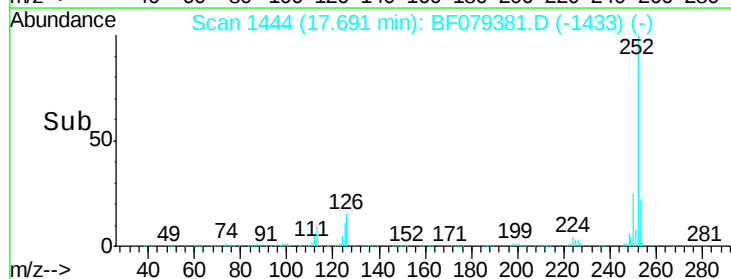
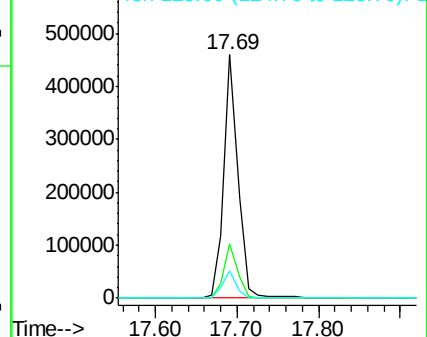
125 11.3 8.2 12.2

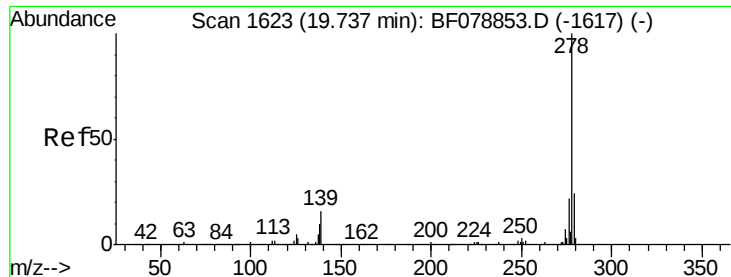


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 36.96 ng

RT: 19.15 min Scan# 1572

Delta R.T. -0.08 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB83494BS

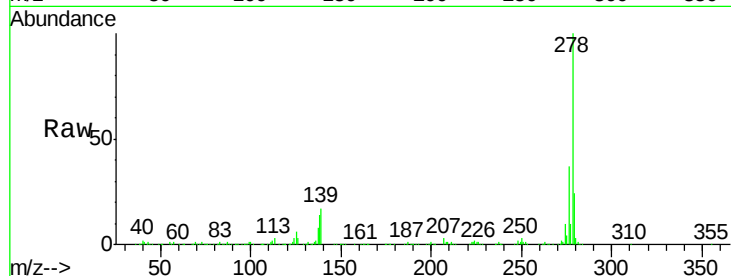
Tgt Ion:278 Resp: 556094

Ion Ratio Lower Upper

278 100

139 17.5 13.1 19.7

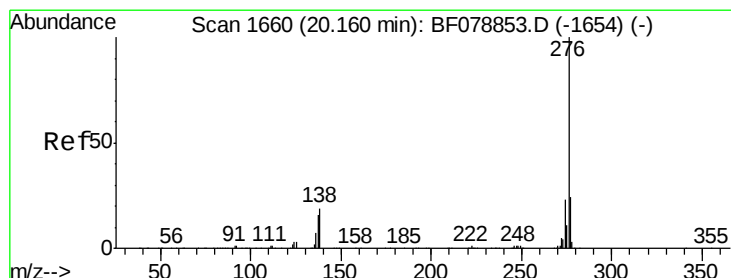
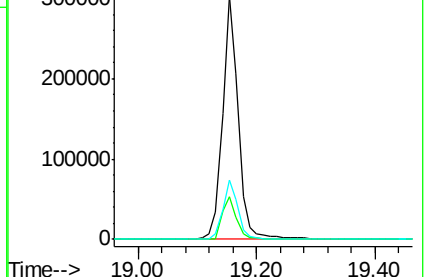
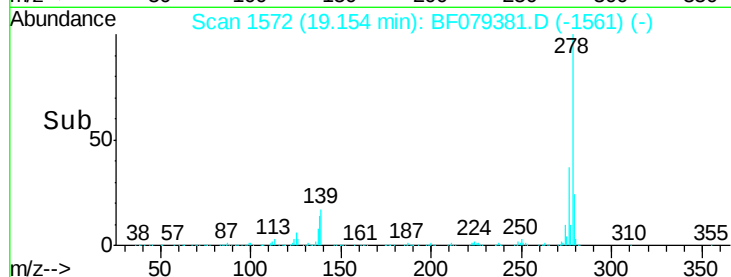
279 24.2 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 37.48 ng

RT: 19.53 min Scan# 1605

Delta R.T. -0.08 min

Lab File: BF079381.D

Acq: 20 May 2015 16:36

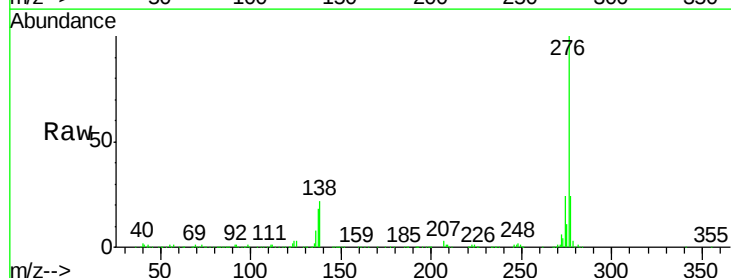
Tgt Ion:276 Resp: 565245

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 21.8 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

