

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
 Data File : BF079208.D
 Acq On : 13 May 2015 22:10
 Operator : TP/IZ
 Sample : G2215-06MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMS

Quant Time: May 14 01:19:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 00:58:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	55910	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	217708	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	104566	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	204641	20.00	ng	0.00
75) Chrysene-d12	16.13	240	213097	20.00	ng	-0.03
86) Perylene-d12	17.91	264	246015	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	404362	124.50	ng	0.00
7) Phenol-d6	6.80	99	516933	120.40	ng	0.00
23) Nitrobenzene-d5	7.93	82	292966	77.34	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	137708	121.74	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	481409	64.14	ng	0.00
78) Terphenyl-d14	14.82	244	547569	61.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	46504	32.93	ng	# 31
3) Pyridine	2.88	79	130218	31.51	ng	99
4) n-Nitrosodimethylamine	2.80	42	54775	30.93	ng	# 79
6) Aniline	6.82	93	121861	20.11	ng	# 14
8) 2-Chlorophenol	6.97	128	142876	38.78	ng	89
9) Benzaldehyde	6.68	77	62622	21.65	ng	# 80
10) Phenol	6.82	94	192716	38.69	ng	83
11) bis(2-Chloroethyl)ether	6.92	93	144747	39.64	ng	94
12) 1,3-Dichlorobenzene	7.15	146	146245	35.32	ng	98
13) 1,4-Dichlorobenzene	7.26	146	152913	35.88	ng	98
14) 1,2-Dichlorobenzene	7.44	146	148844	37.52	ng	99
15) Benzyl Alcohol	7.42	79	122923	38.57	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.60	45	204698	36.65	ng	96
17) 2-Methylphenol	7.56	107	118663	40.03	ng	98
18) Hexachloroethane	7.85	117	50524	34.42	ng	# 79
19) n-Nitroso-di-n-propylamine	7.75	70	104464	36.02	ng	92
20) 3+4-Methylphenols	7.76	107	155737	39.43	ng	# 46
22) Acetophenone	7.75	105	206368	41.96	ng	# 90
24) Nitrobenzene	7.95	77	148714	39.61	ng	# 85
25) Isophorone	8.25	82	280971	40.01	ng	# 94
26) 2-Nitrophenol	8.34	139	70003	45.04	ng	# 88
27) 2,4-Dimethylphenol	8.41	122	127614	41.03	ng	96
28) bis(2-Chloroethoxy)methane	8.52	93	157496	36.38	ng	# 97
29) 2,4-Dichlorophenol	8.64	162	112620	40.73	ng	95
30) 1,2,4-Trichlorobenzene	8.74	180	111695	36.77	ng	95
31) Naphthalene	8.84	128	1150275	110.88	ng	99
32) Benzoic acid	8.48	122	5074	8.57	ng	94
33) 4-Chloroaniline	8.91	127	98120	22.35	ng	97
34) Hexachlorobutadiene	8.99	225	60346	34.50	ng	98
35) Caprolactam	9.34	113	36245	40.53	ng	98
36) 4-Chloro-3-methylphenol	9.52	107	120054	41.33	ng	98
37) 2-Methylnaphthalene	9.70	142	720001	100.16	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.91	216	106588	36.19	ng	# 100
40) Hexachlorocyclopentadiene	9.88	237	18063	12.20	ng	99

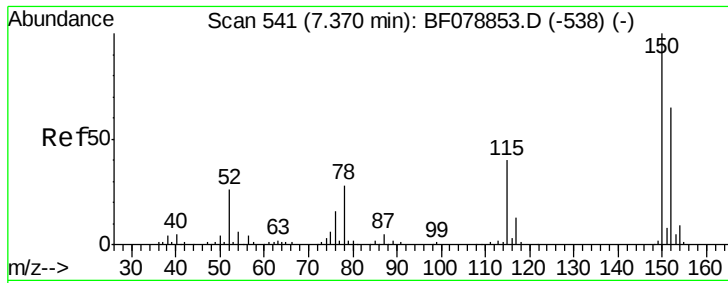
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
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 Acq On : 13 May 2015 22:10
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 QLast Update : Thu May 14 00:58:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.06	196	77887	38.47	ng	94
43) 2,4,5-Trichlorophenol	10.10	196	84506	41.28	ng #	86
45) 1,1'-Biphenyl	10.28	154	368643	44.35	ng	95
46) 2-Chloronaphthalene	10.30	162	238298	36.75	ng	99
47) 2-Nitroaniline	10.43	65	80687	42.95	ng #	77
48) Acenaphthylene	10.81	152	451553	42.41	ng	99
49) Dimethylphthalate	10.67	163	337280	43.95	ng	98
50) 2,6-Dinitrotoluene	10.74	165	63352	41.83	ng #	74
51) Acenaphthene	11.03	154	472074	74.36	ng	99
52) 3-Nitroaniline	10.94	138	62383	32.97	ng #	76
53) 2,4-Dinitrophenol	11.08	184	5227	17.51	ng #	76
54) Dibenzofuran	11.24	168	401810	43.82	ng	95
55) 4-Nitrophenol	11.16	139	127470	85.13	ng	92
56) 2,4-Dinitrotoluene	11.23	165	79666	39.79	ng #	92
57) Fluorene	11.67	166	514576	68.36	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.39	232	64239	38.40	ng #	100
59) Diethylphthalate	11.54	149	276756	36.40	ng	97
60) 4-Chlorophenyl-phenylether	11.68	204	118173	35.39	ng	92
61) 4-Nitroaniline	11.69	138	73866	39.03	ng	90
62) Azobenzene	11.87	77	272754	36.41	ng	87
64) 4,6-Dinitro-2-methylphenol	11.74	198	10613	17.13	ng	82
65) n-Nitrosodiphenylamine	11.83	169	250573	36.77	ng	99
66) 4-Bromophenyl-phenylether	12.29	248	78385	36.75	ng #	88
67) Hexachlorobenzene	12.34	284	87003	35.69	ng #	90
68) Atrazine	12.50	200	77034	38.87	ng	95
69) Pentachlorophenol	12.59	266	90499	64.86	ng	96
70) Phenanthrene	12.87	178	1460608	127.58	ng	99
71) Anthracene	12.93	178	796565	70.92	ng	100
72) Carbazole	13.13	167	460838	43.05	ng	99
73) Di-n-butylphthalate	13.58	149	470781	36.67	ng	99
74) Fluoranthene	14.34	202	1112022	93.22	ng	98
76) Benzidine	14.51	184	273363	47.60	ng	97
77) Pyrene	14.62	202	1281925	104.39	ng	96
79) Butylbenzylphthalate	15.44	149	219712	40.93	ng	98
80) Benzo(a)anthracene	16.16	228	611966	52.44	ng	95
81) 3,3'-Dichlorobenzidine	16.09	252	131220	31.57	ng #	98
82) Chrysene	16.16	228	723690	64.48	ng	99
83) Bis(2-ethylhexyl)phthalate	16.17	149	324474	39.91	ng #	97
84) Di-n-octyl phthalate	16.98	149	604413	42.21	ng #	100
85) Indeno(1,2,3-cd)pyrene	19.36	276	778173	54.42	ng #	100
87) Benzo(b)fluoranthene	17.45	252	935036	69.44	ng	99
88) Benzo(k)fluoranthene	17.49	252	1401443	107.51	ng	98
89) Benzo(a)pyrene	17.85	252	777023	62.67	ng	97
90) Dibenzo(a,h)anthracene	19.38	278	527670	40.04	ng	97
91) Benzo(g,h,i)perylene	19.78	276	659453	49.93	ng #	93

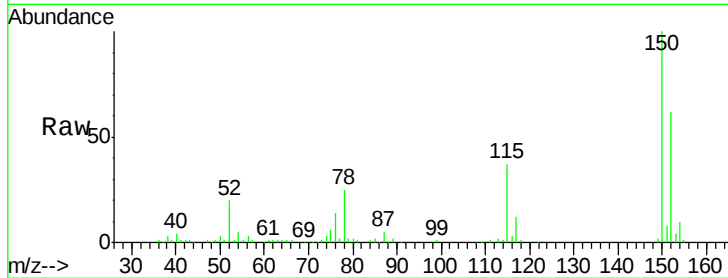
(#) = qualifier out of range (m) = manual integration (+) = signals summed



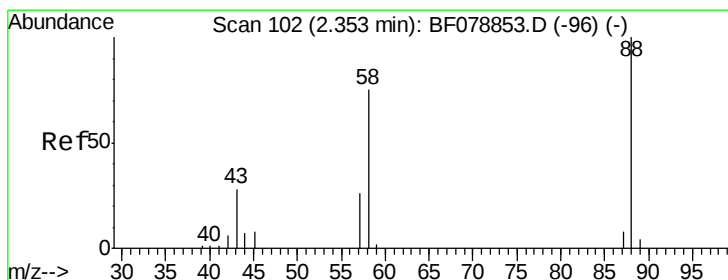
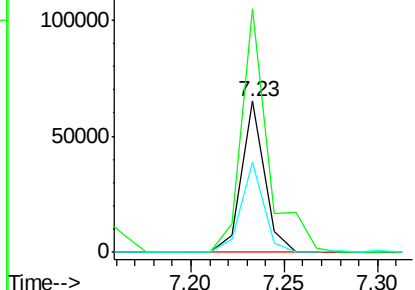
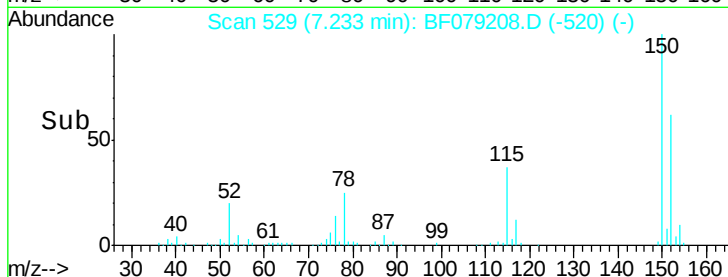
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

Instrument :
 BNA_F
 ClientSampled :
 SB-41DMS

Tgt Ion:152 Resp: 55910
 Ion Ratio Lower Upper
 152 100
 150 160.8 122.0 183.0
 115 59.4 46.3 69.5

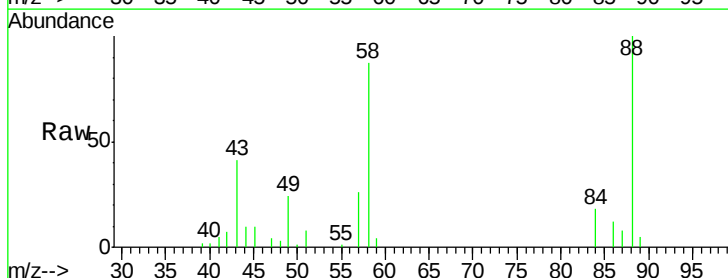


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

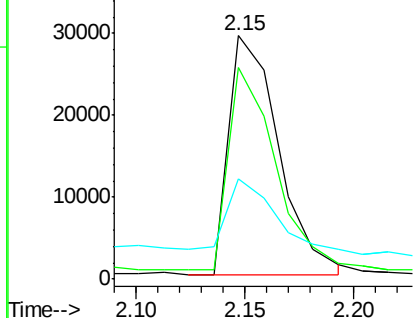
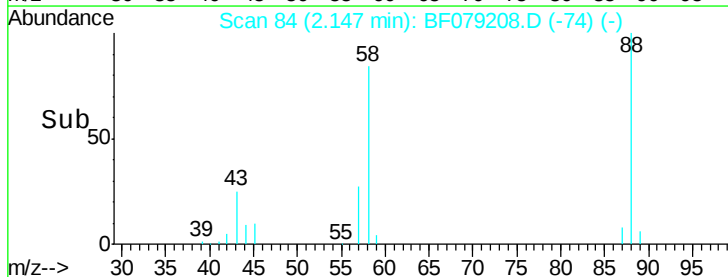


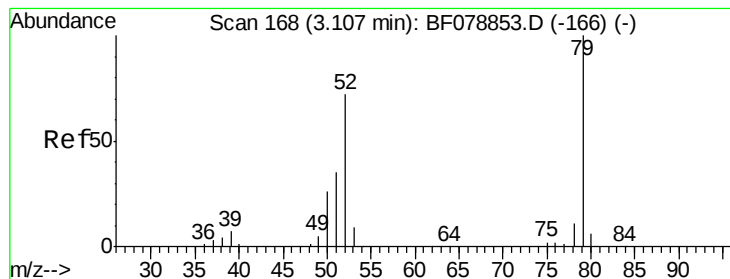
#2
 1,4-Dioxane
 Concen: 32.93 ng
 RT: 2.15 min Scan# 84
 Delta R.T. 0.01 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

Tgt Ion: 88 Resp: 46504
 Ion Ratio Lower Upper
 88 100
 58 80.3 0.0 0.0#
 43 26.8 3.3 4.9#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.51 ng

RT: 2.88 min Scan# 148

Delta R.T. 0.01 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

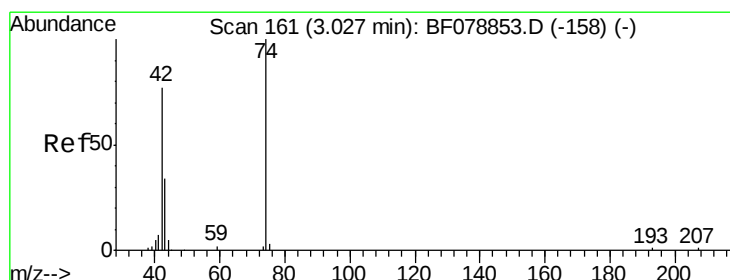
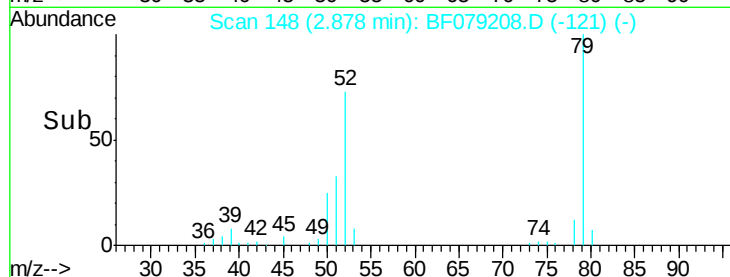
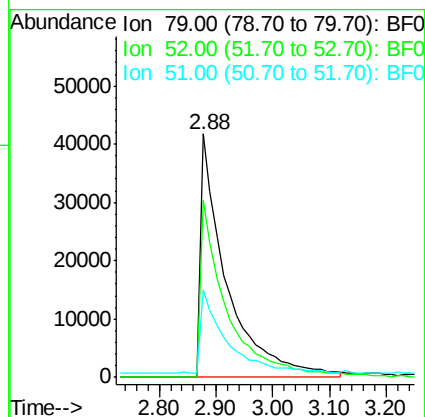
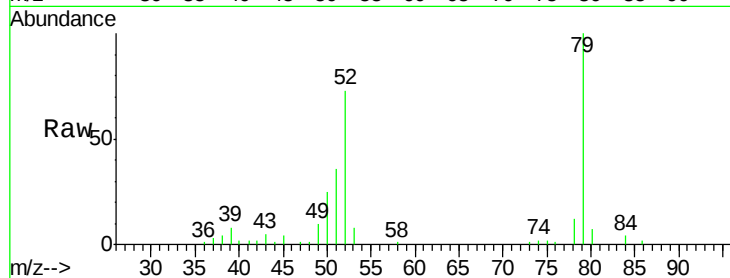
Tgt Ion: 79 Resp: 130218

Ion Ratio Lower Upper

79 100

52 73.0 57.2 85.8

51 35.9 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 30.93 ng

RT: 2.80 min Scan# 141

Delta R.T. 0.02 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

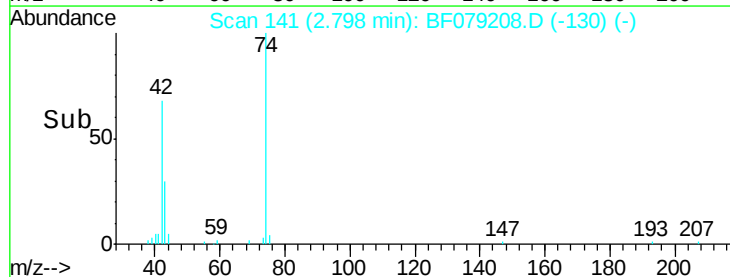
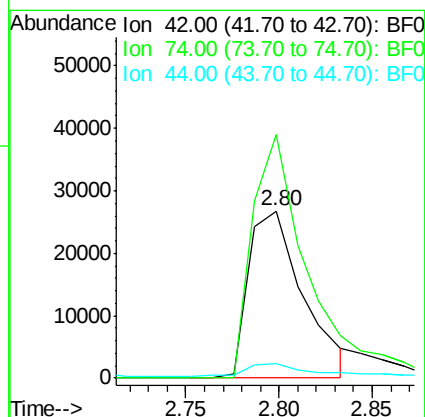
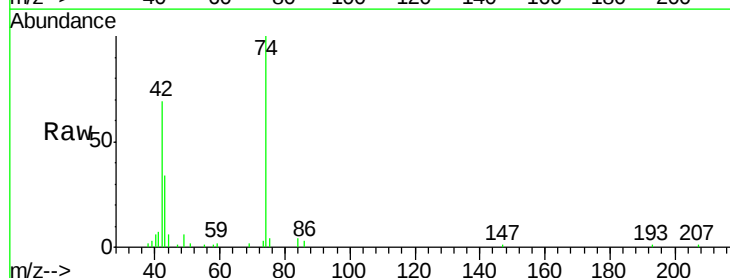
Tgt Ion: 42 Resp: 54775

Ion Ratio Lower Upper

42 100

74 145.6 96.5 144.7#

44 9.0 6.1 9.1





#5

2-Fluorophenol

Concen: 124.50 ng

RT: 5.53 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

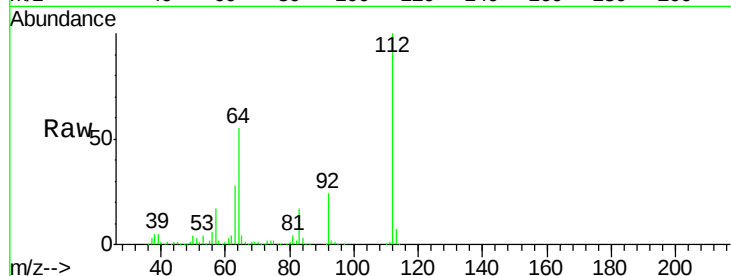
Tgt Ion: 112 Resp: 404362

Ion Ratio Lower Upper

112 100

64 54.9 53.5 80.3

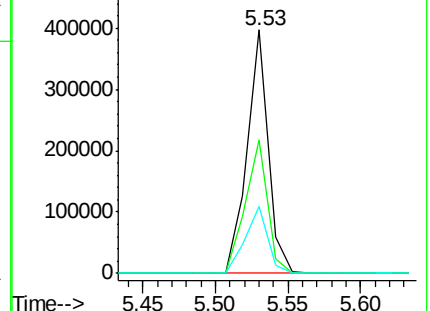
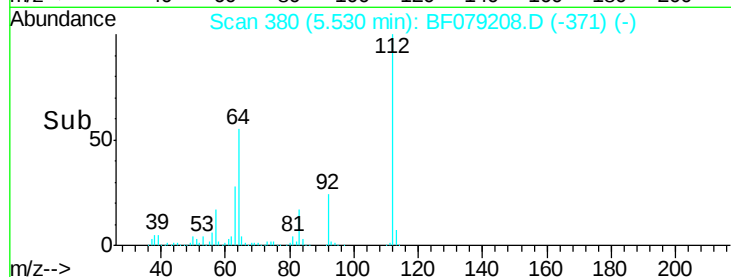
63 27.7 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.11 ng

RT: 6.82 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

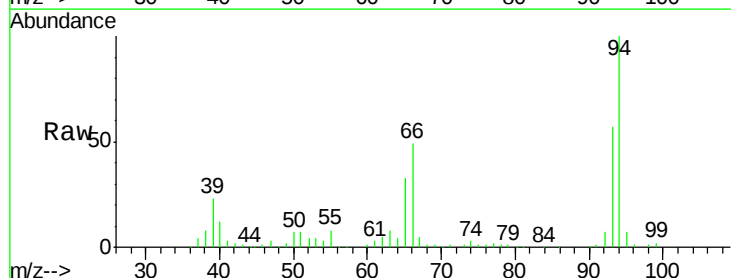
Tgt Ion: 93 Resp: 121861

Ion Ratio Lower Upper

93 100

66 86.9 29.7 44.5#

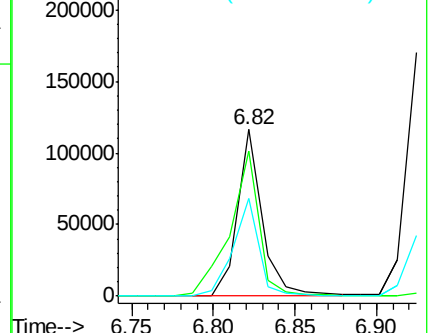
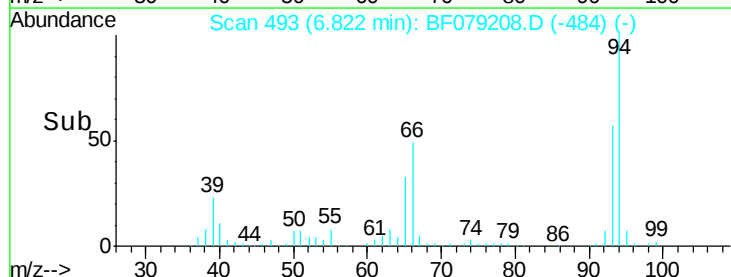
65 59.1 14.6 22.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.40 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

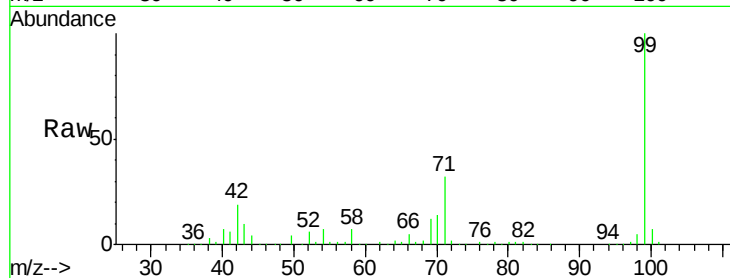
Tgt Ion: 99 Resp: 516933

Ion Ratio Lower Upper

99 100

42 19.3 12.8 19.2#

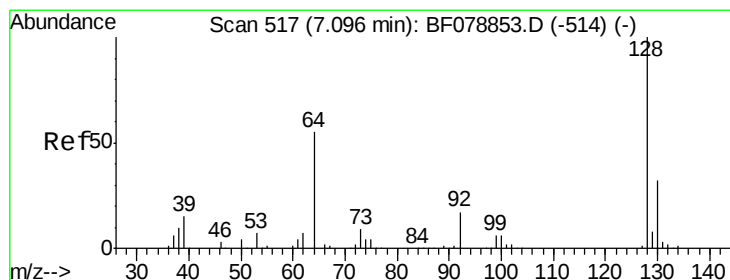
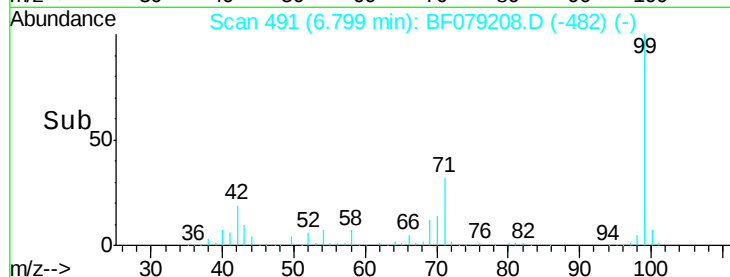
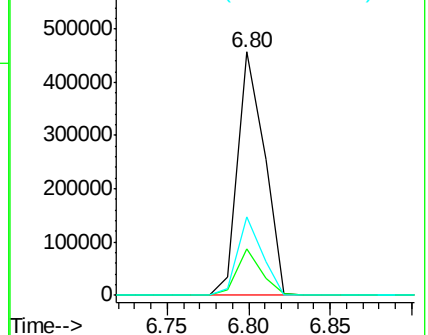
71 32.4 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.78 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

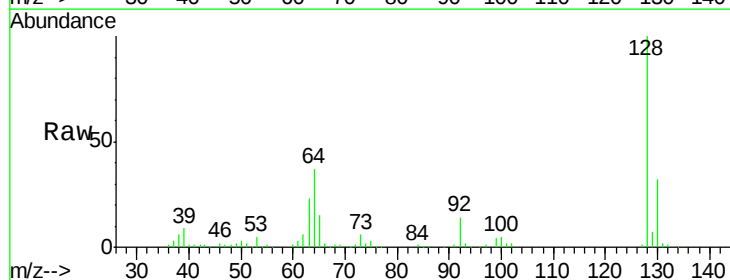
Tgt Ion: 128 Resp: 142876

Ion Ratio Lower Upper

128 100

130 32.1 12.1 52.1

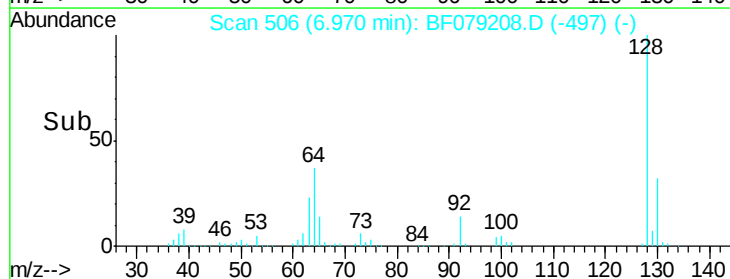
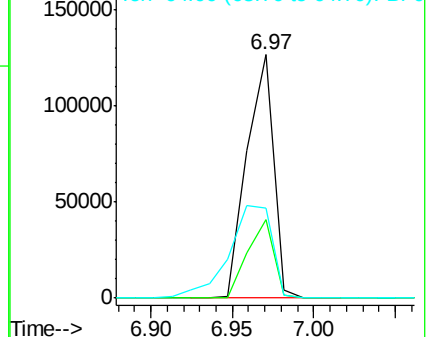
64 36.9 29.6 69.6

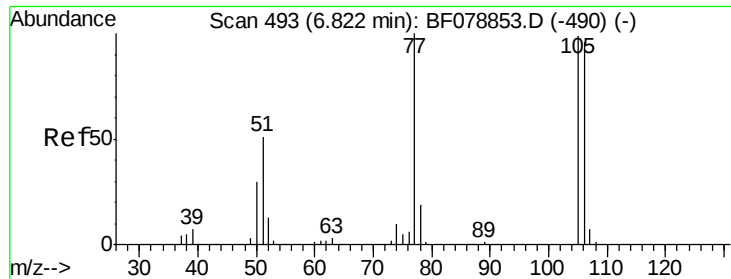


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.65 ng

RT: 6.68 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

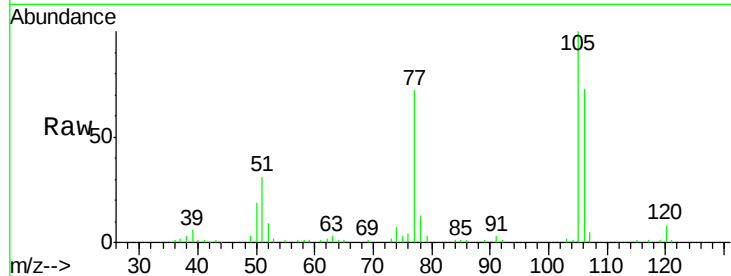
Tgt Ion: 77 Resp: 62622

Ion Ratio Lower Upper

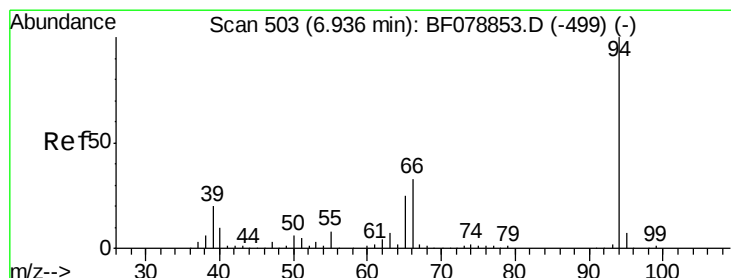
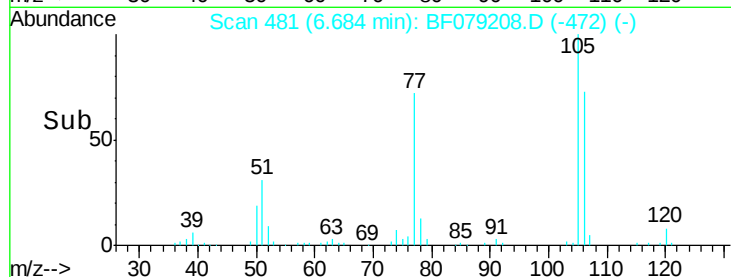
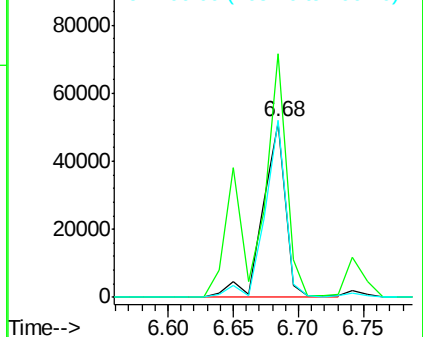
77 100

105 139.5 81.7 121.7#

106 101.6 79.0 119.0



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



#10

Phenol

Concen: 38.69 ng

RT: 6.82 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

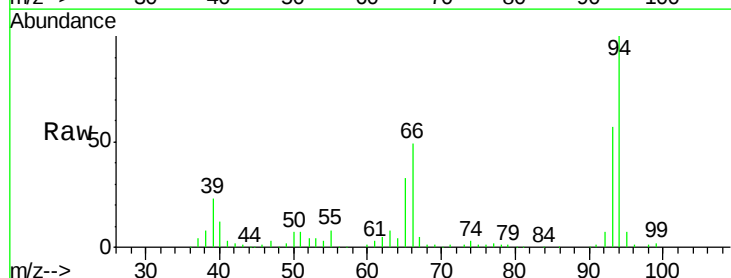
Tgt Ion: 94 Resp: 192716

Ion Ratio Lower Upper

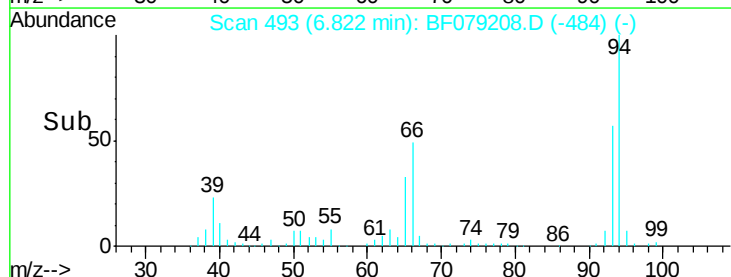
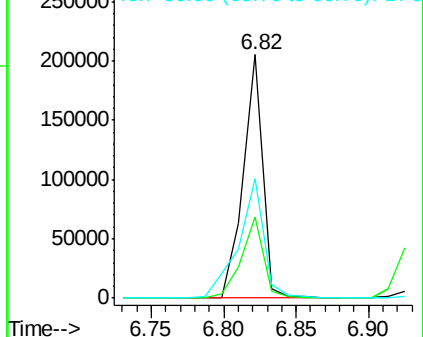
94 100

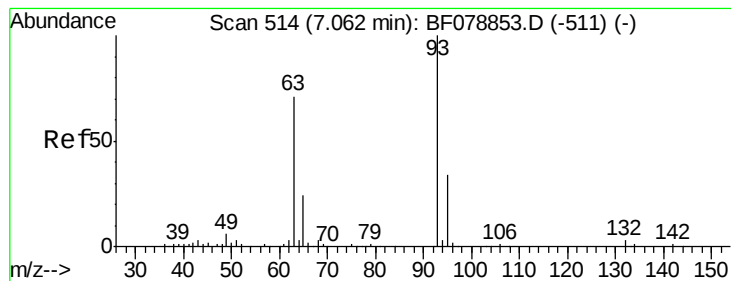
65 33.5 8.5 48.5

66 49.2 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.64 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

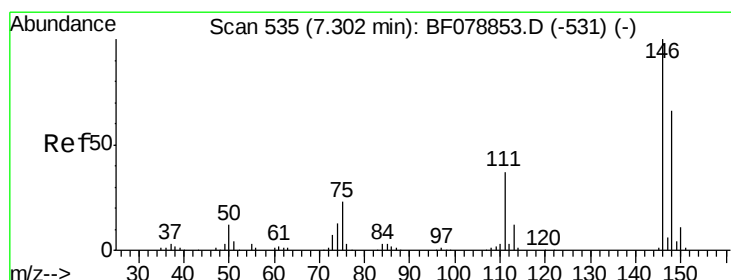
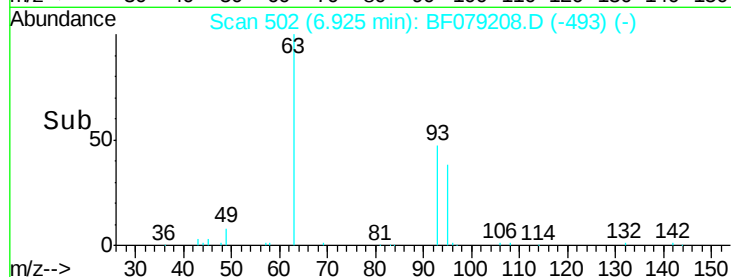
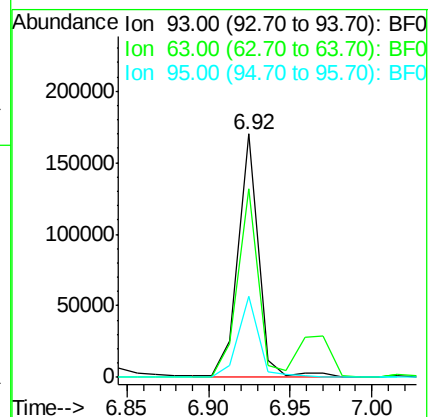
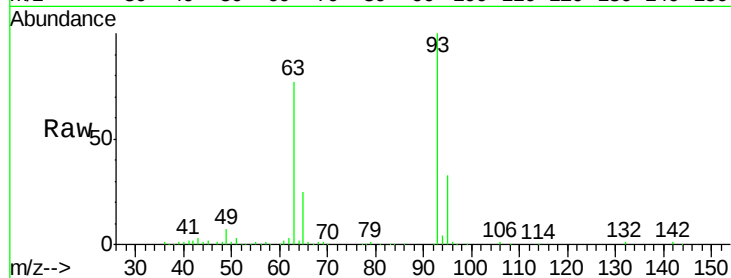
Tgt Ion: 93 Resp: 144747

Ion Ratio Lower Upper

93 100

63 77.5 64.8 104.8

95 33.3 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 35.32 ng

RT: 7.15 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

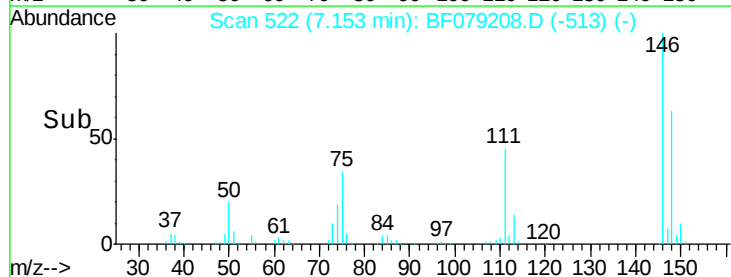
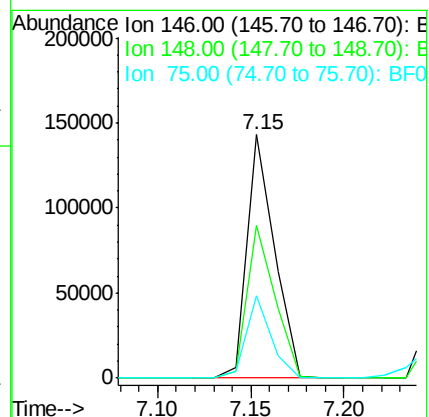
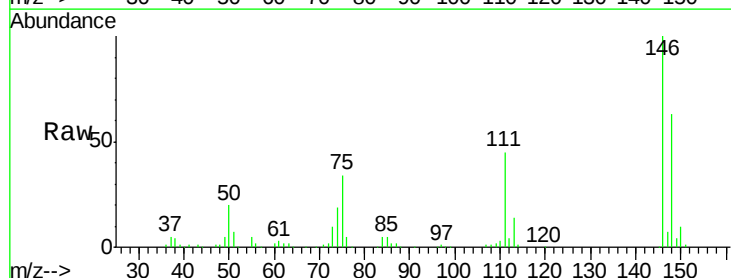
Tgt Ion: 146 Resp: 146245

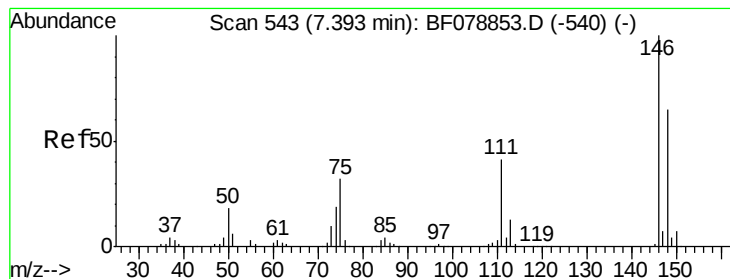
Ion Ratio Lower Upper

146 100

148 62.6 50.2 75.2

75 33.8 29.2 43.8





#13

1,4-Dichlorobenzene

Concen: 35.88 ng

RT: 7.26 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

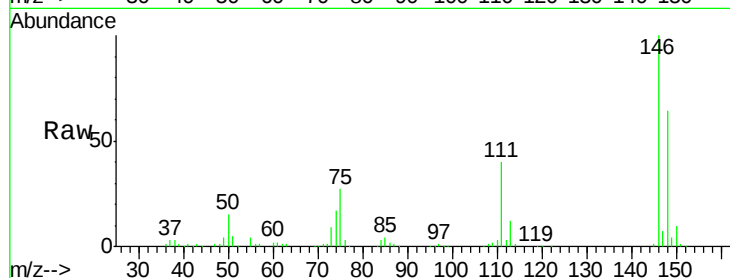
Tgt Ion:146 Resp: 152913

Ion Ratio Lower Upper

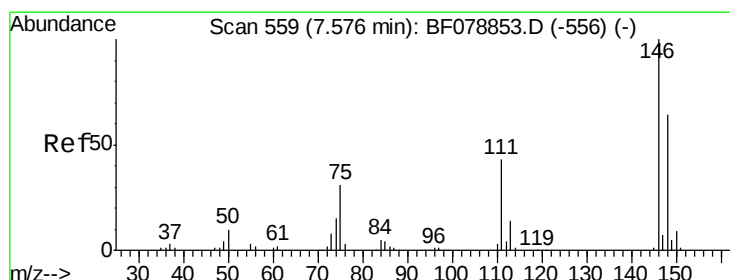
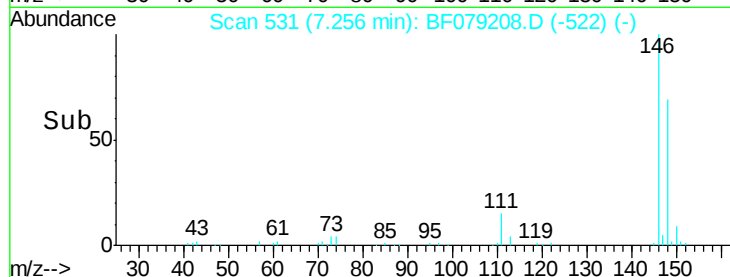
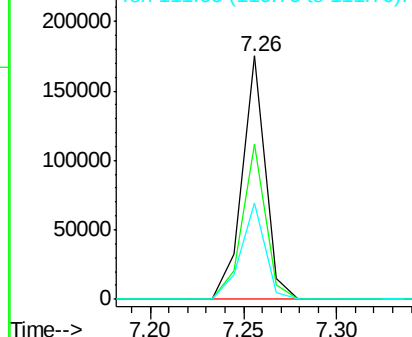
146 100

148 63.7 52.8 79.2

111 39.7 31.7 47.5



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: 37.52 ng

RT: 7.44 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

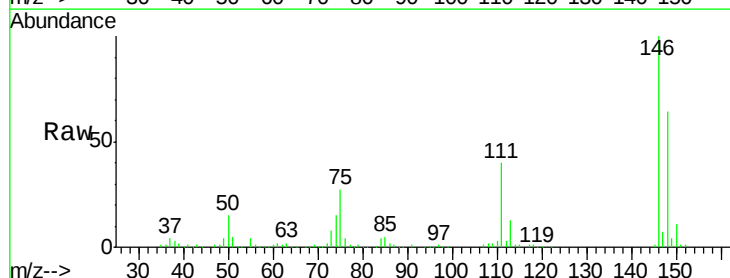
Tgt Ion:146 Resp: 148844

Ion Ratio Lower Upper

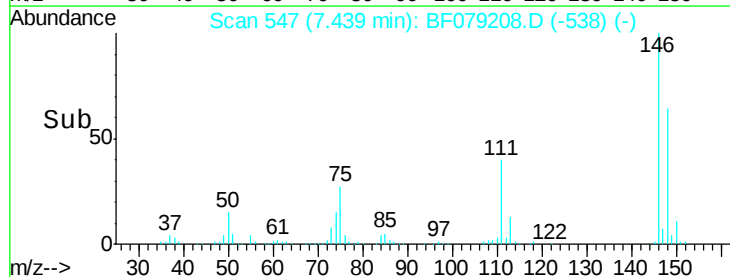
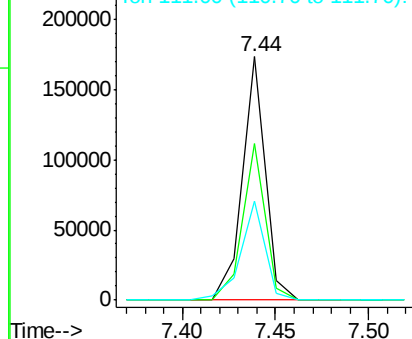
146 100

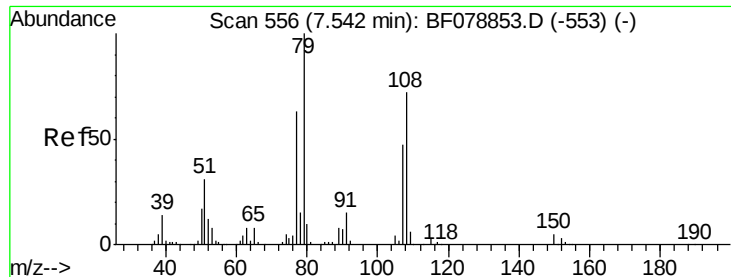
148 64.2 51.2 76.8

111 40.5 33.3 49.9



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





#15

Benzyl Alcohol

Concen: 38.57 ng

RT: 7.42 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

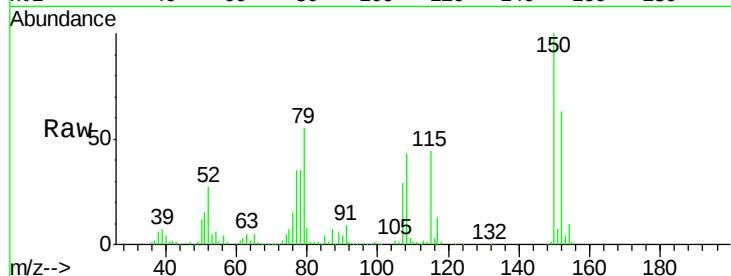
Tgt Ion: 79 Resp: 122923

Ion Ratio Lower Upper

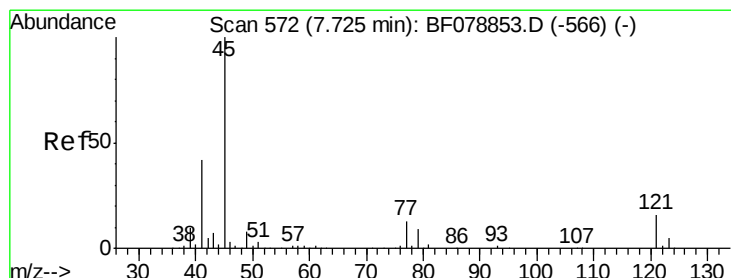
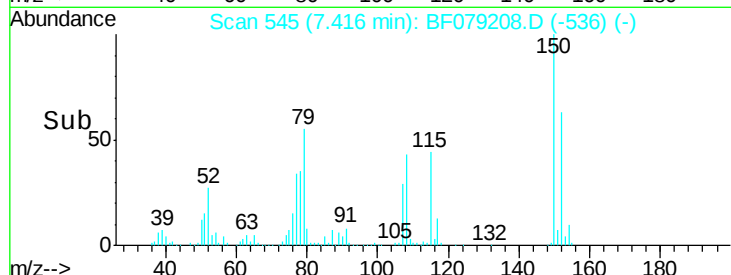
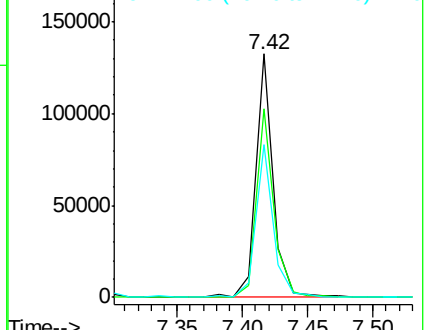
79 100

108 77.6 62.5 93.7

77 62.9 52.2 78.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.65 ng

RT: 7.60 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

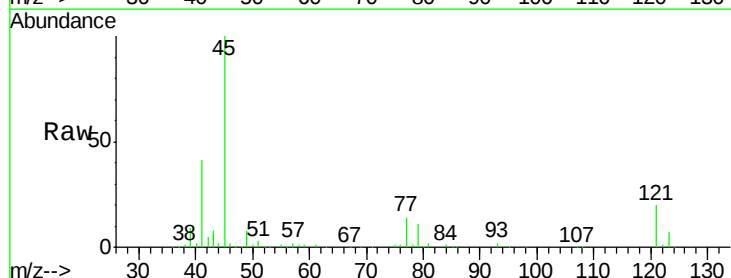
Tgt Ion: 45 Resp: 204698

Ion Ratio Lower Upper

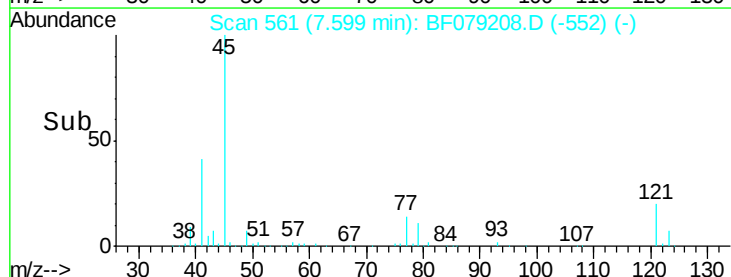
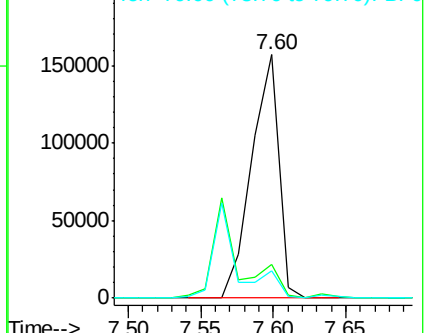
45 100

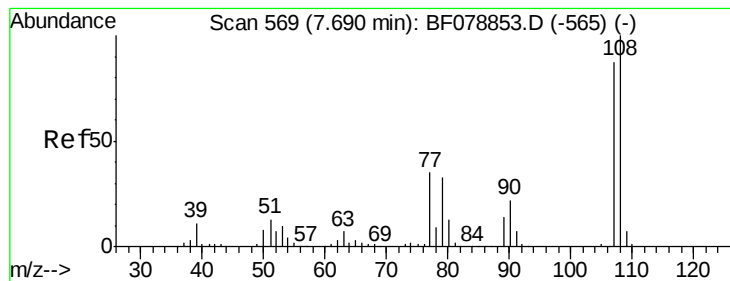
77 14.0 0.0 32.3

79 11.1 0.0 30.1



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.03 ng

RT: 7.56 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleID :

SB-41DMS

Tgt Ion:107 Resp: 118663

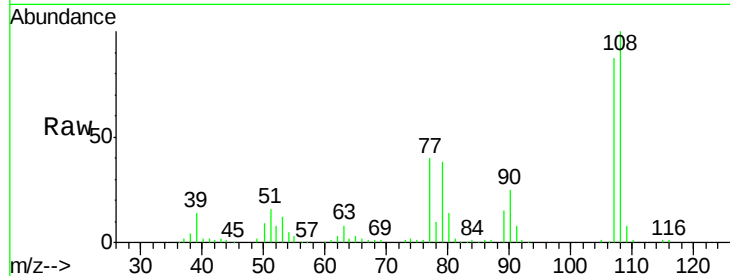
Ion Ratio Lower Upper

107 100

108 115.4 94.9 142.3

77 46.4 36.2 54.4

79 43.9 35.2 52.8

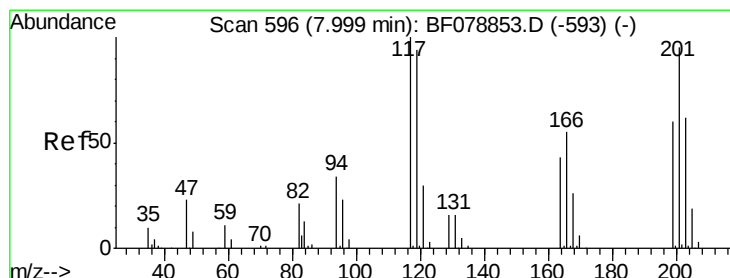
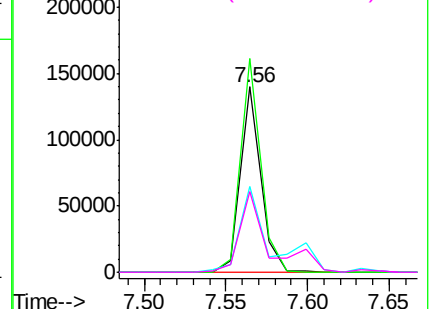
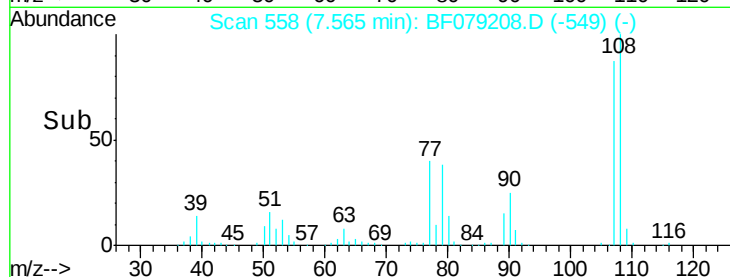


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 34.42 ng

RT: 7.85 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

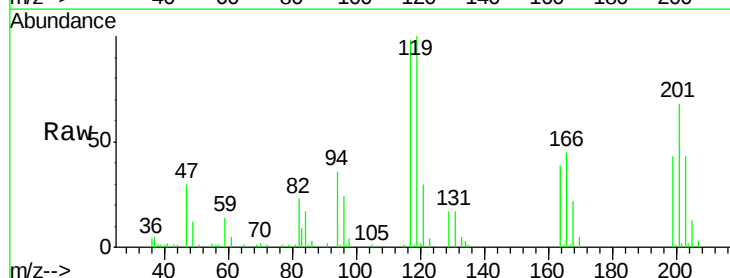
Tgt Ion:117 Resp: 50524

Ion Ratio Lower Upper

117 100

119 102.1 75.4 113.0

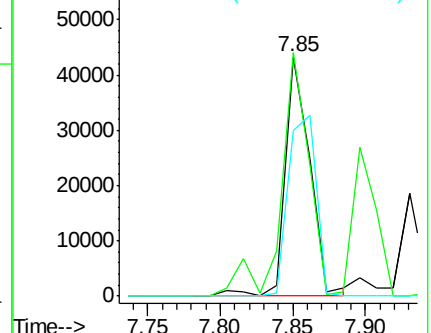
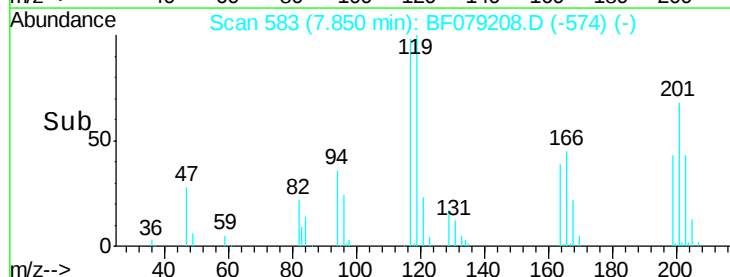
201 69.6 83.2 124.8#

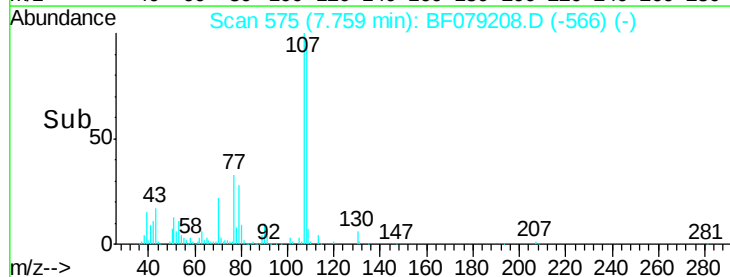
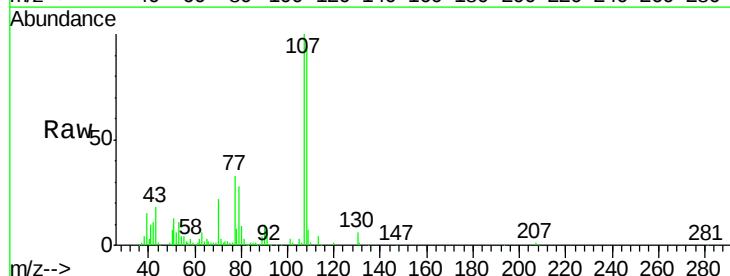
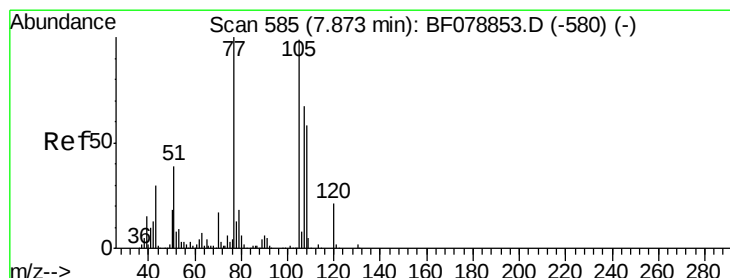
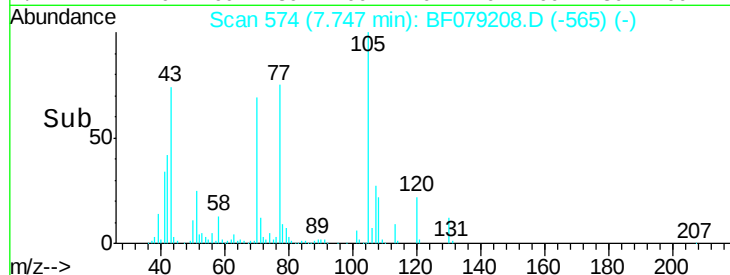
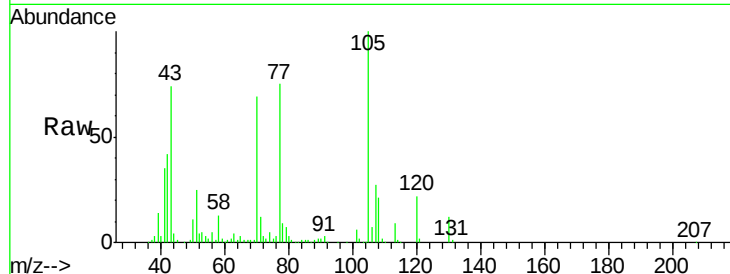


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

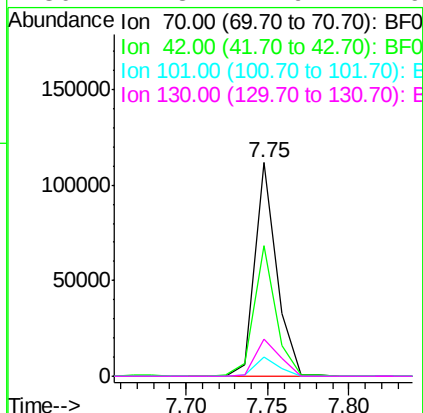




#19
n-Nitroso-di-n-propylamine
Concen: 36.02 ng
RT: 7.75 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF079208.D
Acq: 13 May 2015 22:10

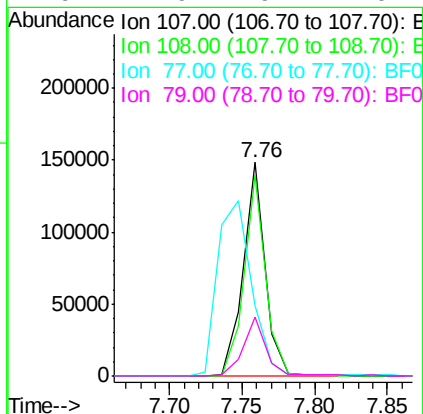
Instrument :
BNA_F
ClientSampleId :
SB-41DMS

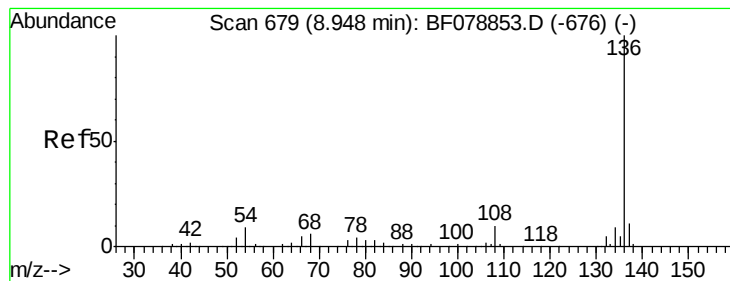
Tgt Ion: 70 Resp: 104464
Ion Ratio Lower Upper
70 100
42 61.3 55.4 83.0
101 9.0 6.6 10.0
130 17.3 11.9 17.9



#20
3+4-Methylphenols
Concen: 39.43 ng
RT: 7.76 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF079208.D
Acq: 13 May 2015 22:10

Tgt Ion: 107 Resp: 155737
Ion Ratio Lower Upper
107 100
108 94.1 76.9 116.9
77 33.1 136.8 176.8#
79 27.9 9.7 49.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

Tgt Ion:136 Resp: 217708

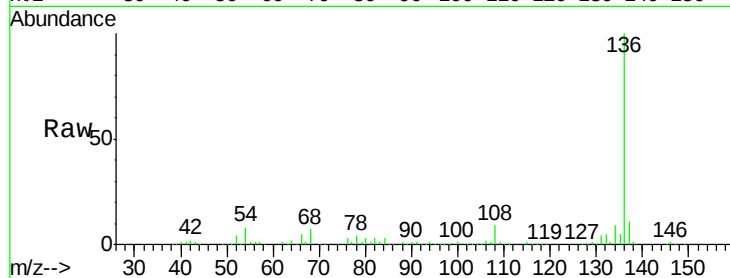
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.2 5.8 8.8

68 6.7 4.2 6.4#

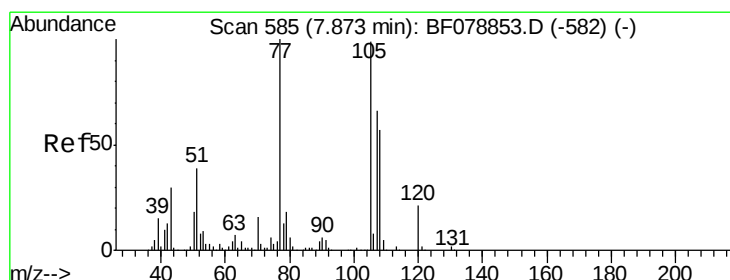
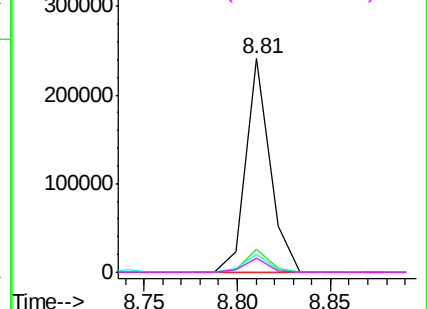
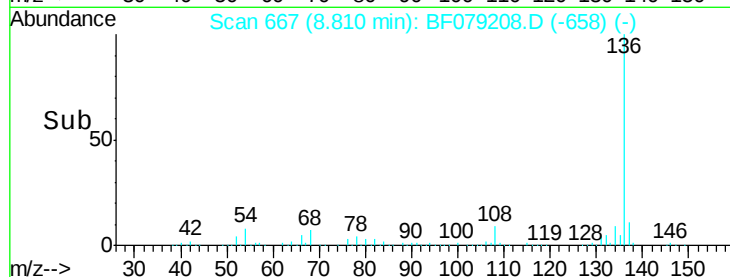


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.96 ng

RT: 7.75 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Tgt Ion:105 Resp: 206368

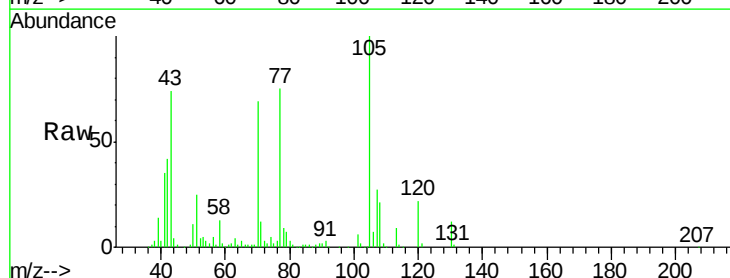
Ion Ratio Lower Upper

105 100

71 11.7 4.6 6.8#

51 25.0 26.7 40.1#

120 22.3 17.4 26.0

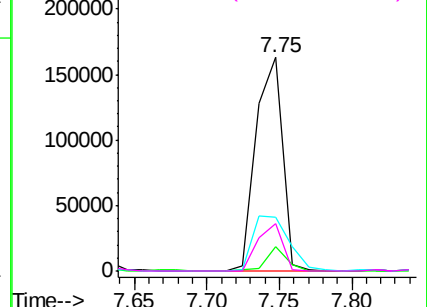
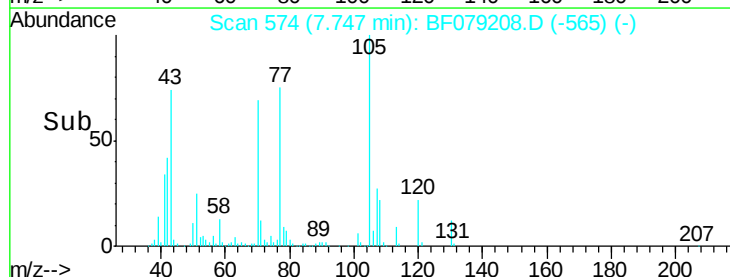


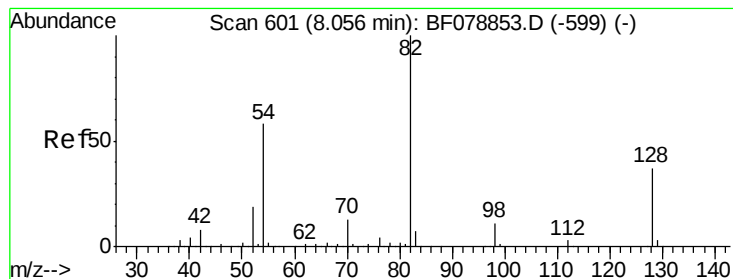
Abundance Ion 105.00 (104.70 to 105.70): E

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: 77.34 ng

RT: 7.93 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

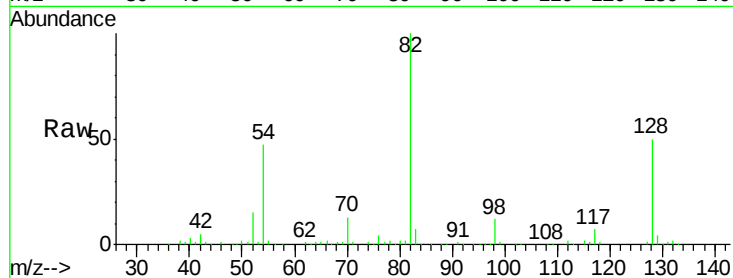
Tgt Ion: 82 Resp: 292966

Ion Ratio Lower Upper

82 100

128 50.0 30.0 45.0#

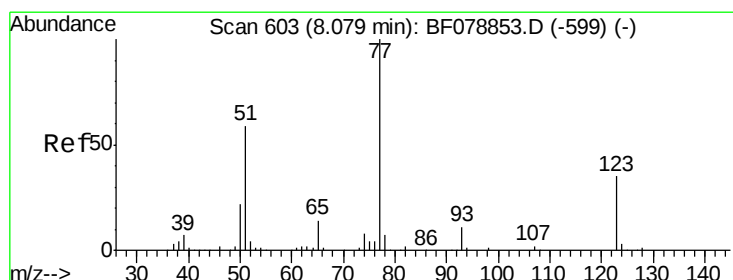
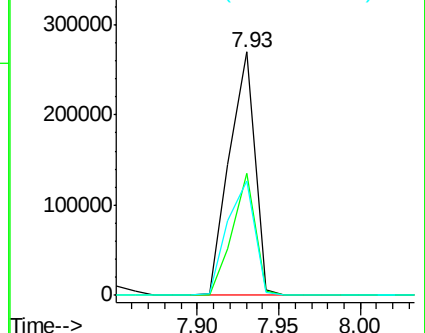
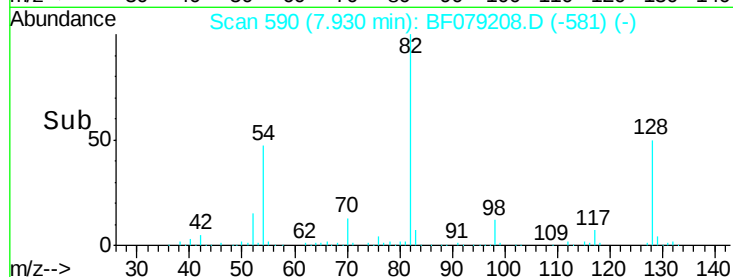
54 46.8 46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.61 ng

RT: 7.95 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

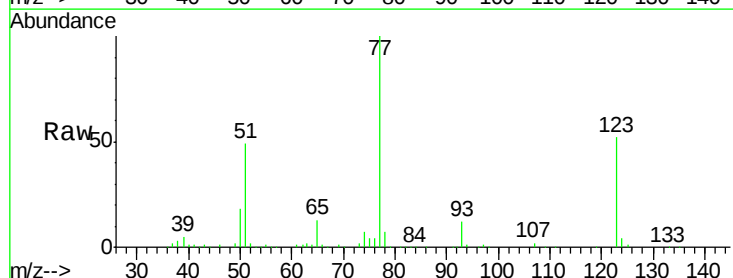
Tgt Ion: 77 Resp: 148714

Ion Ratio Lower Upper

77 100

123 52.1 31.8 47.8#

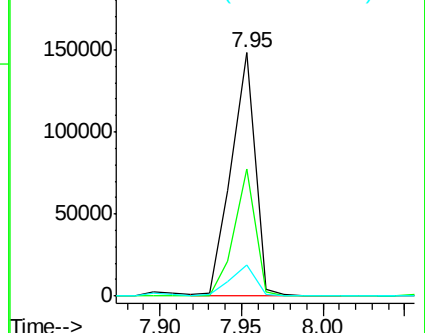
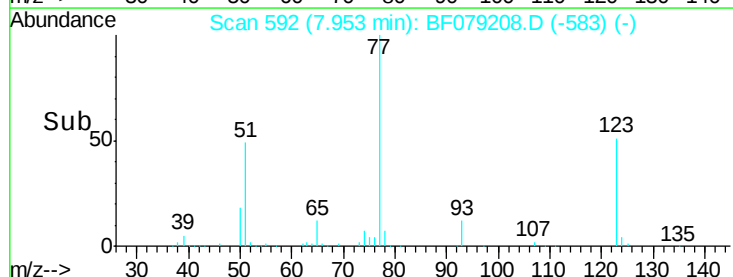
65 12.7 10.6 15.8

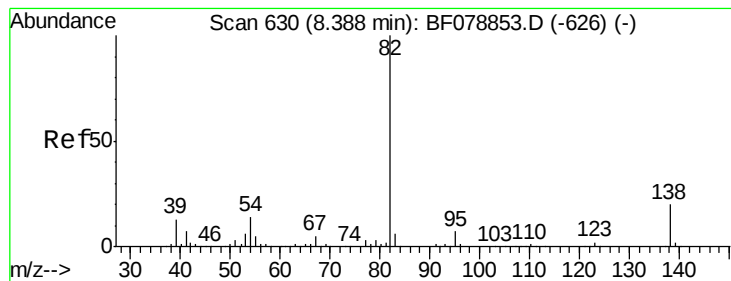


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.01 ng

RT: 8.25 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

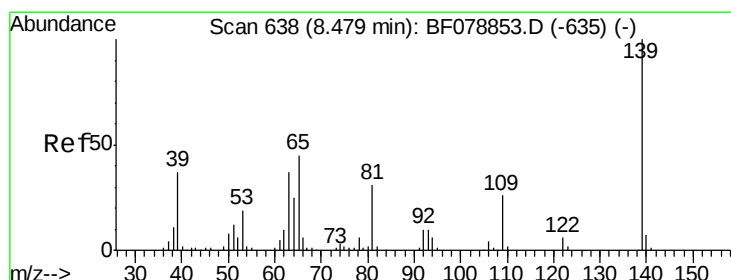
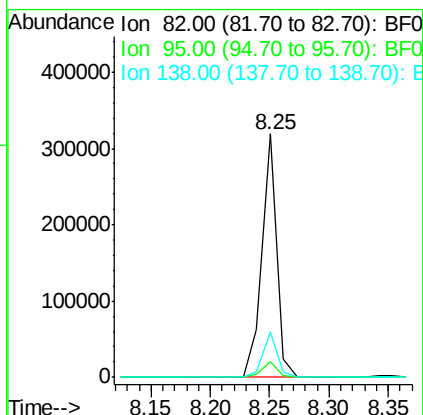
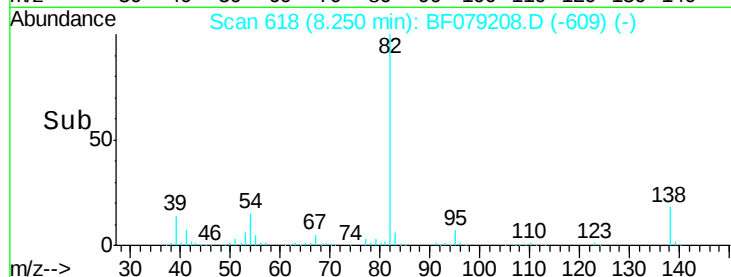
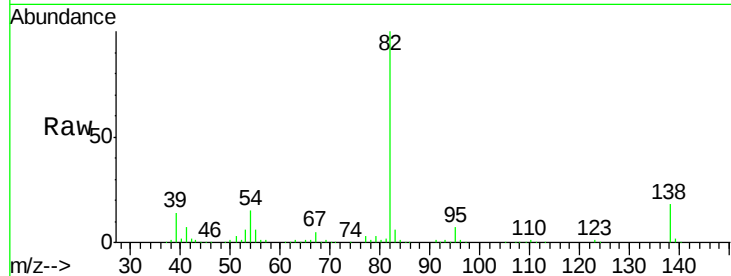
Tgt Ion: 82 Resp: 280971

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.4 12.0 18.0#



#26

2-Nitrophenol

Concen: 45.04 ng

RT: 8.34 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

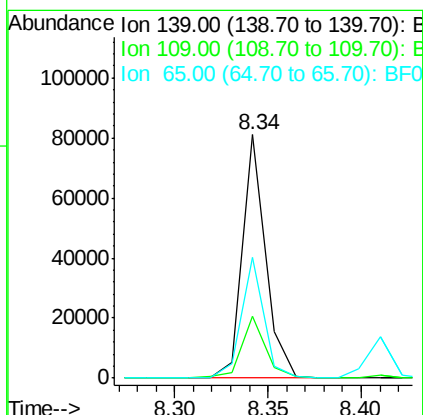
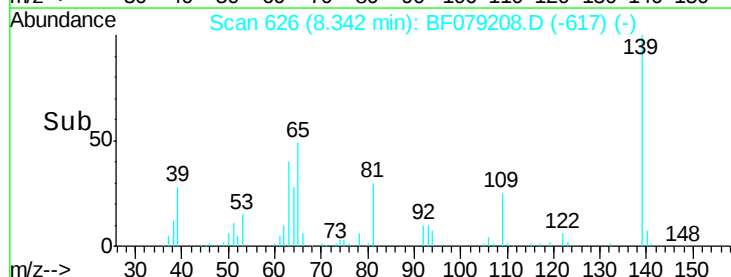
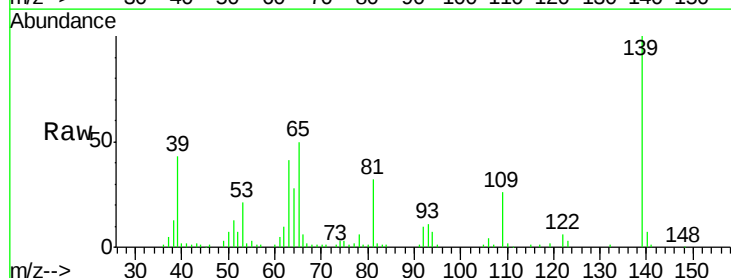
Tgt Ion: 139 Resp: 70003

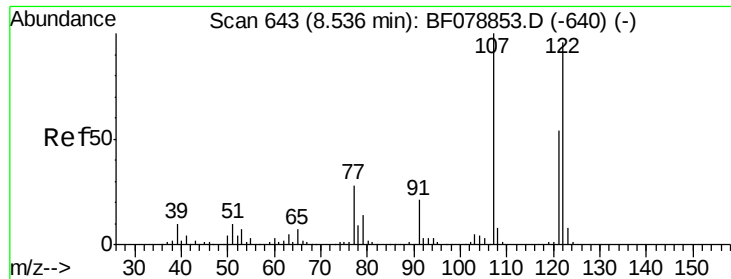
Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.4

65 49.6 30.5 45.7#





#27

2,4-Dimethylphenol

Concen: 41.03 ng

RT: 8.41 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

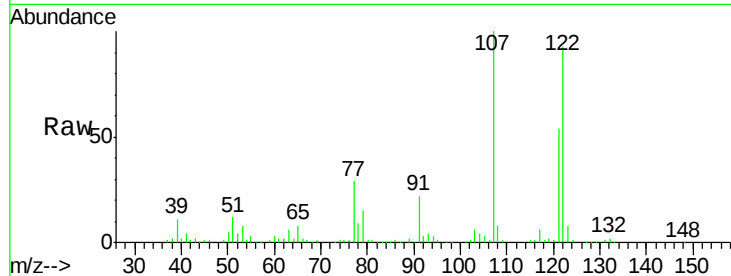
Tgt Ion:122 Resp: 127614

Ion Ratio Lower Upper

122 100

107 107.7 90.6 135.8

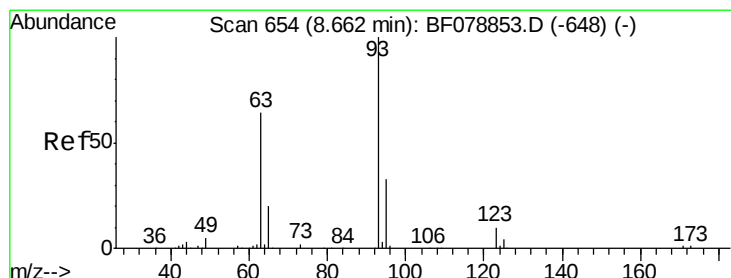
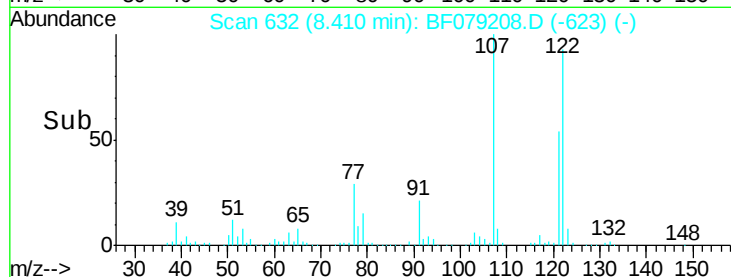
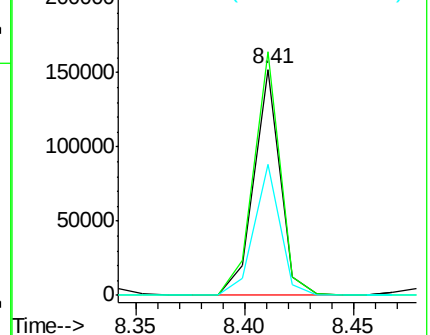
121 58.0 45.4 68.2



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: 36.38 ng

RT: 8.52 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

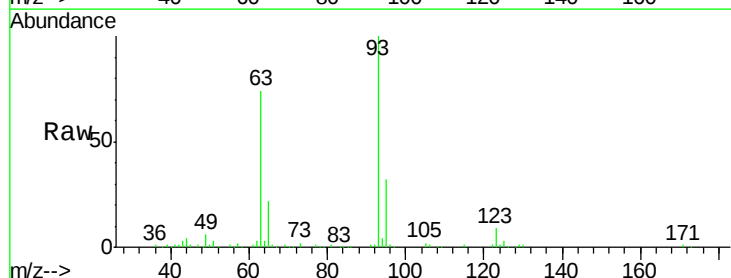
Tgt Ion: 93 Resp: 157496

Ion Ratio Lower Upper

93 100

95 32.2 26.7 40.1

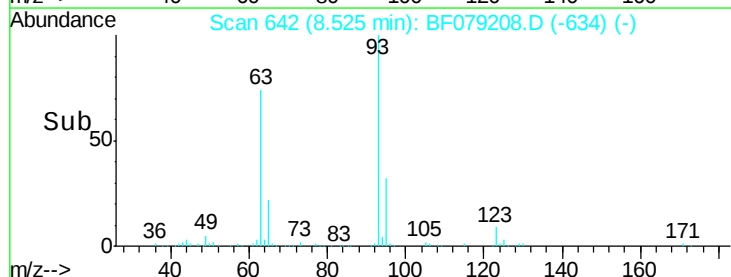
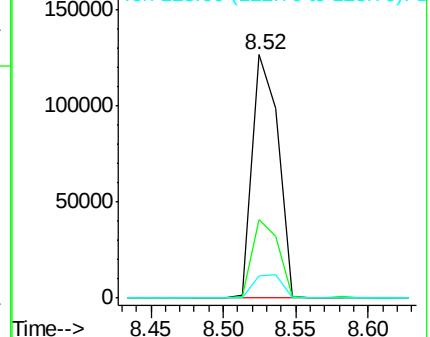
123 9.0 9.1 13.7#

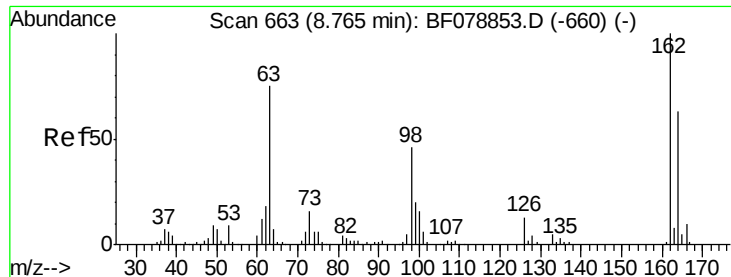


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

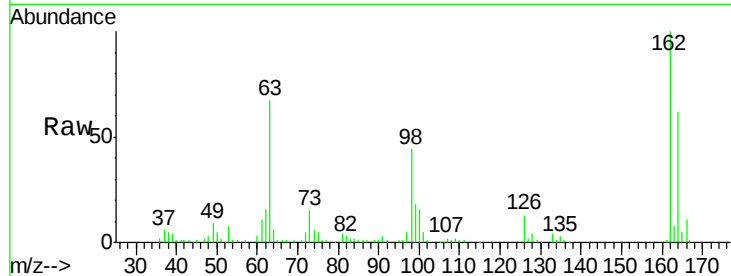




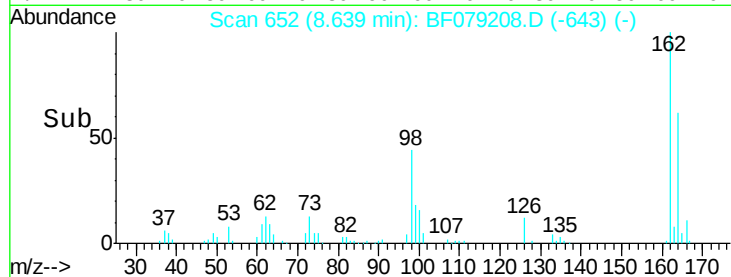
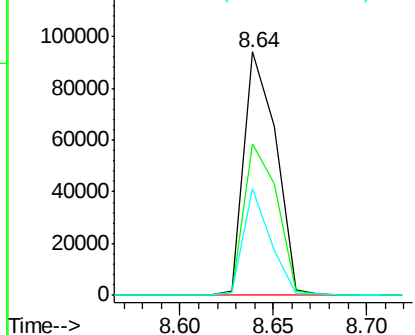
#29
 2,4-Dichlorophenol
 Concen: 40.73 ng
 RT: 8.64 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMS

Tgt Ion:162 Resp: 112620
 Ion Ratio Lower Upper
 162 100
 164 62.4 43.6 83.6
 98 43.7 16.5 56.5

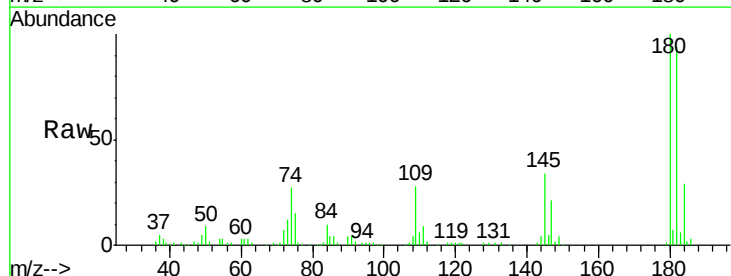


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

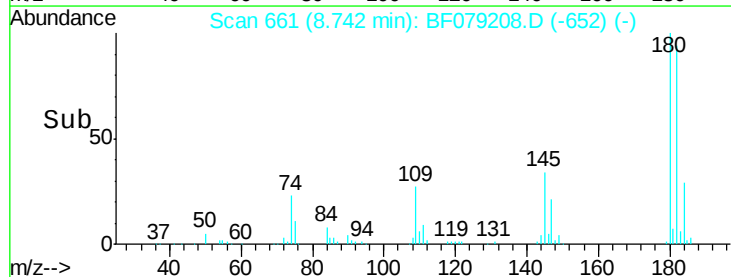
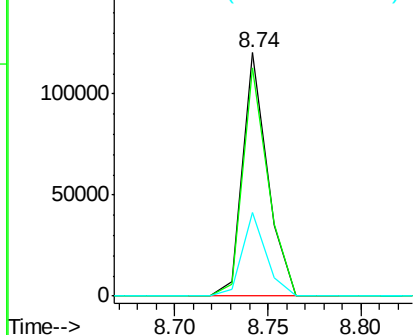


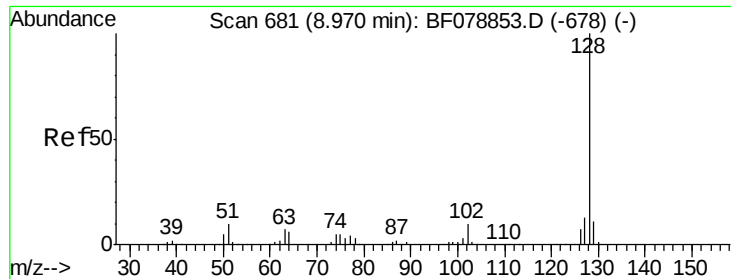
#30
 1,2,4-Trichlorobenzene
 Concen: 36.77 ng
 RT: 8.74 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

Tgt Ion:180 Resp: 111695
 Ion Ratio Lower Upper
 180 100
 182 93.8 78.9 118.3
 145 34.4 24.2 36.4



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

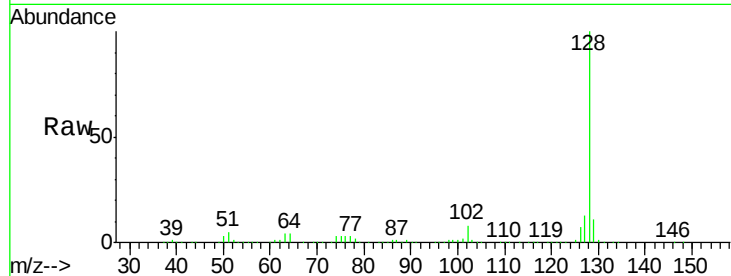




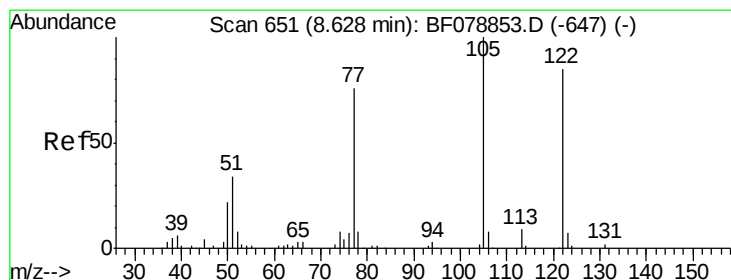
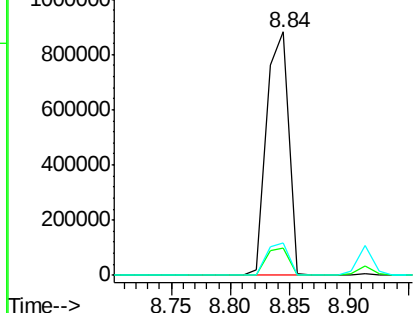
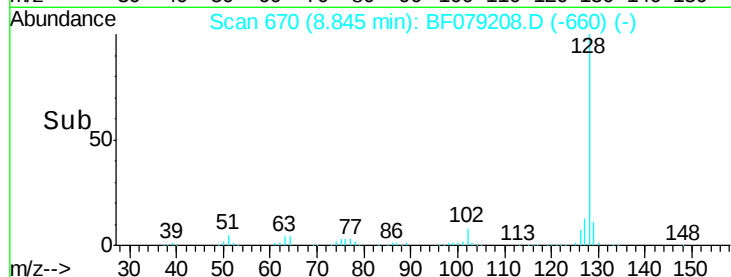
#31
Naphthalene
Concen: 110.88 ng
RT: 8.84 min Scan# 670
Delta R.T. 0.01 min
Lab File: BF079208.D
Acq: 13 May 2015 22:10

Instrument :
BNA_F
ClientSampleId :
SB-41DMS

Tgt Ion:128 Resp: 1150275
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 13.2 10.7 16.1

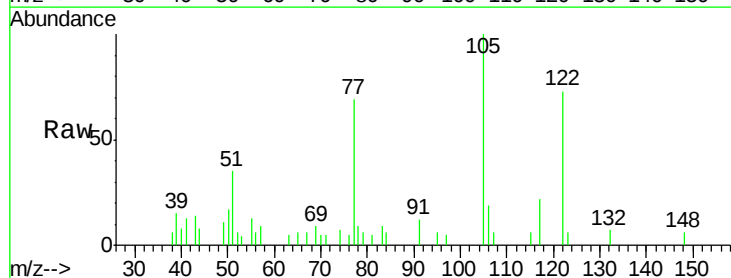


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

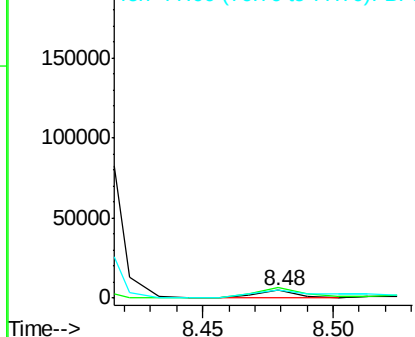
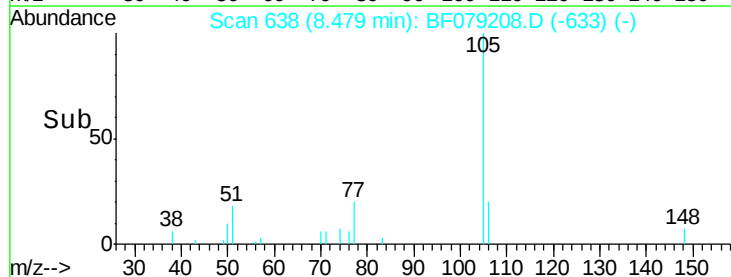


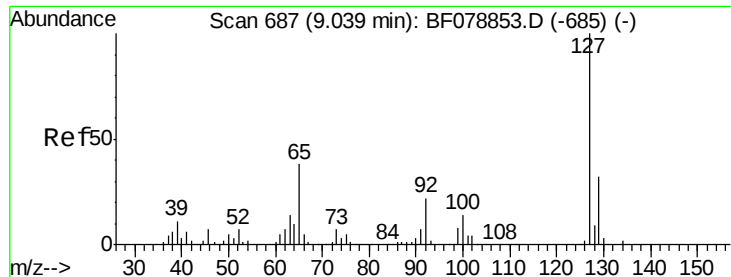
#32
Benzoic acid
Concen: 8.57 ng
RT: 8.48 min Scan# 638
Delta R.T. -0.05 min
Lab File: BF079208.D
Acq: 13 May 2015 22:10

Tgt Ion:122 Resp: 5074
Ion Ratio Lower Upper
122 100
105 137.2 107.1 147.1
77 95.0 73.9 113.9



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

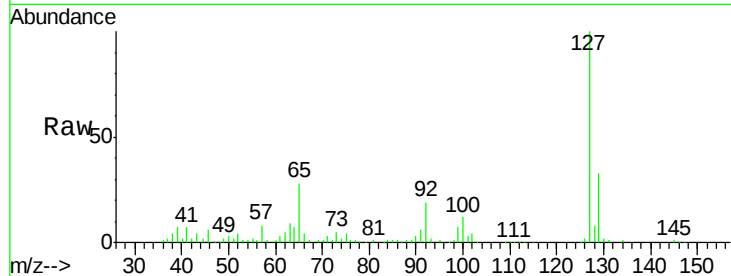




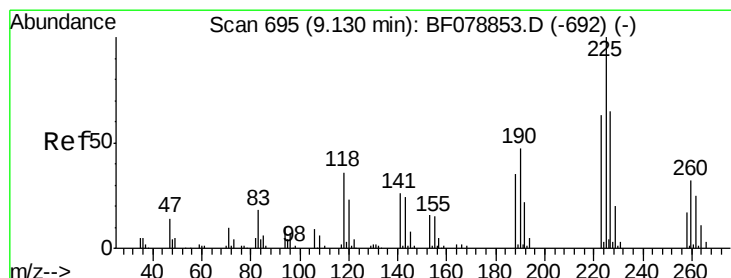
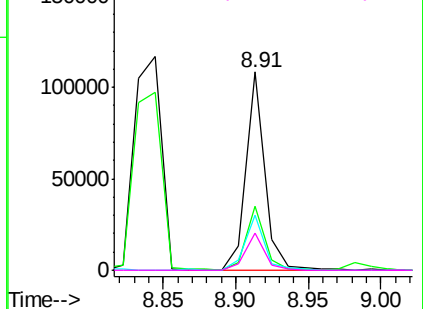
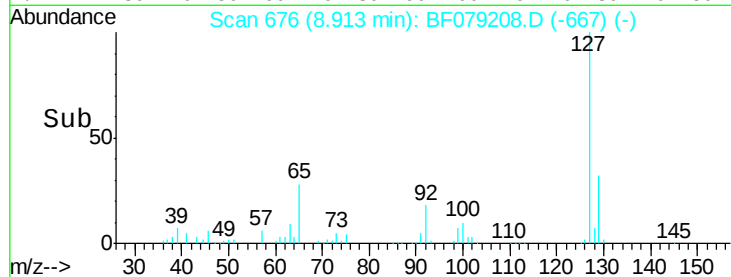
#33
4-Chloroaniline
Concen: 22.35 ng
RT: 8.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF079208.D
Acq: 13 May 2015 22:10

Instrument :
BNA_F
ClientSampleId :
SB-41DMS

Tgt Ion:	127	Resp:	98120
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.8
65	28.1	25.8	38.6
92	18.7	15.5	23.3

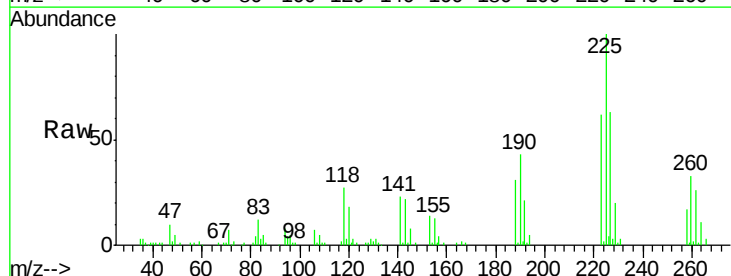


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

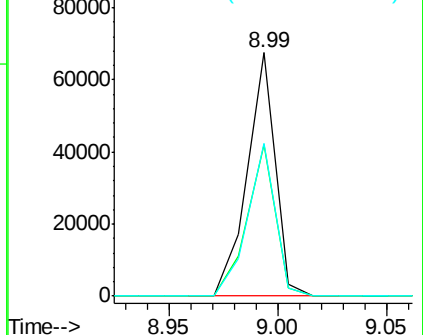
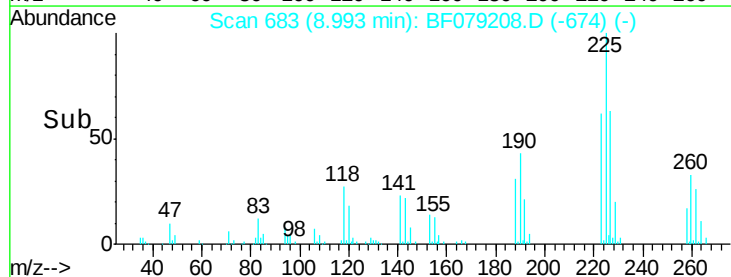


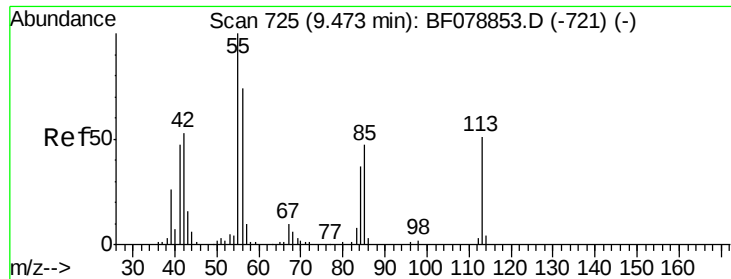
#34
Hexachlorobutadiene
Concen: 34.50 ng
RT: 8.99 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF079208.D
Acq: 13 May 2015 22:10

Tgt Ion:	225	Resp:	60346
Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.2	72.4
227	62.6	51.4	77.0



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

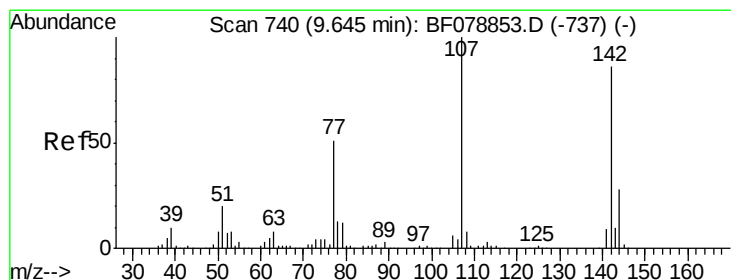
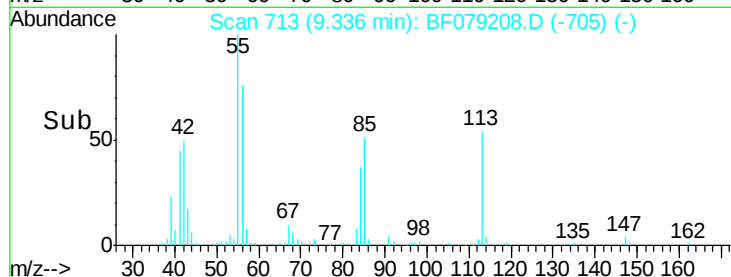
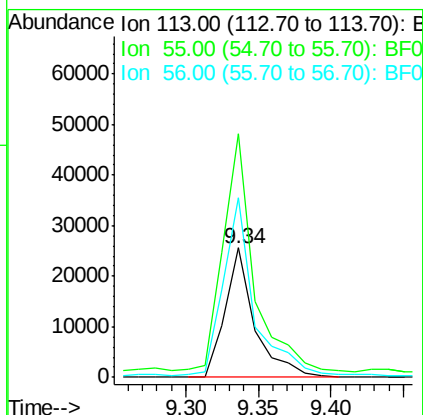
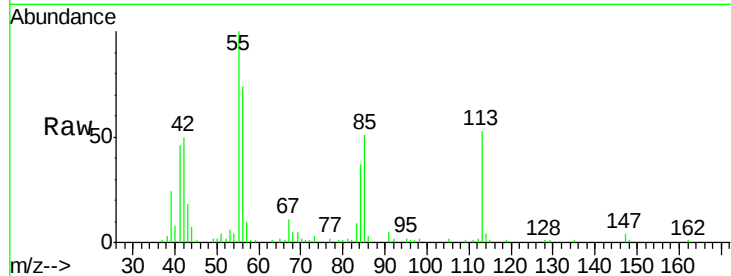




#35
 Caprolactam
 Concen: 40.53 ng
 RT: 9.34 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

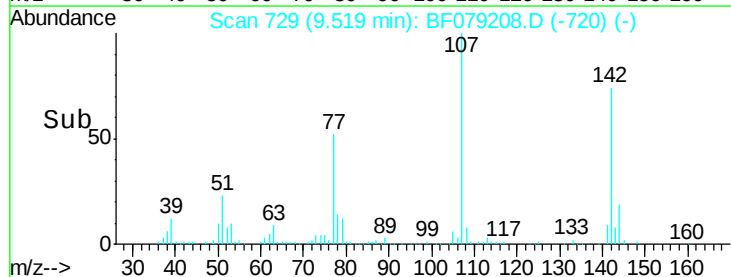
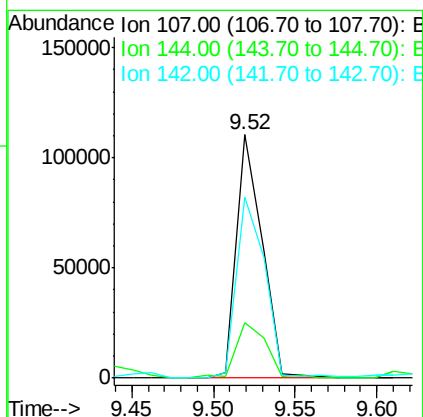
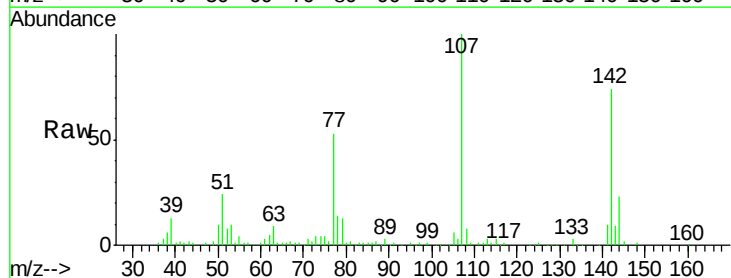
Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMS

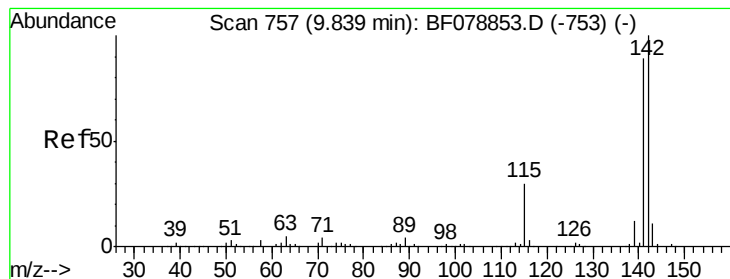
Tgt Ion:113 Resp: 36245
 Ion Ratio Lower Upper
 113 100
 55 188.5 169.7 209.7
 56 138.6 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 41.33 ng
 RT: 9.52 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

Tgt Ion:107 Resp: 120054
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.8 29.6
 142 74.1 60.6 91.0

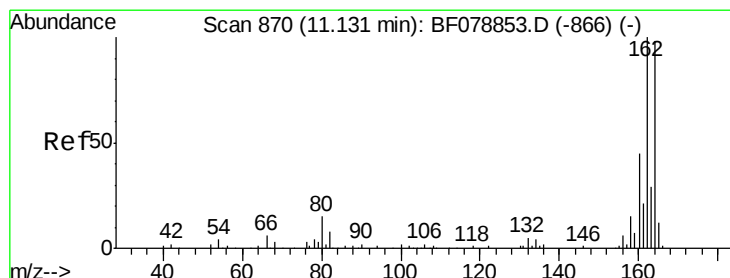
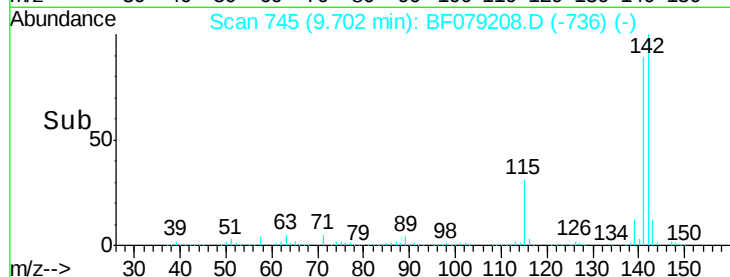
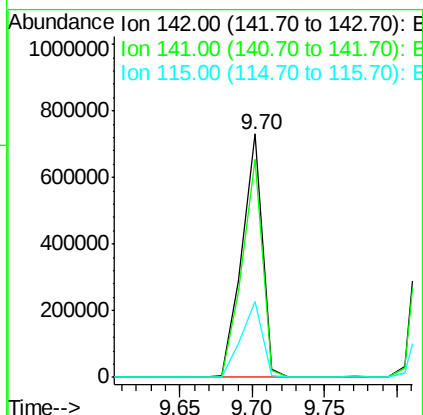
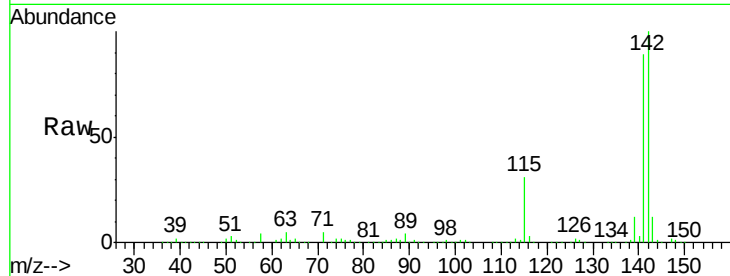




#37
 2-Methylnaphthalene
 Concen: 100.16 ng
 RT: 9.70 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

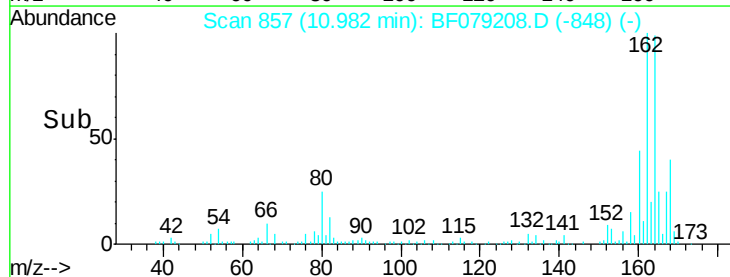
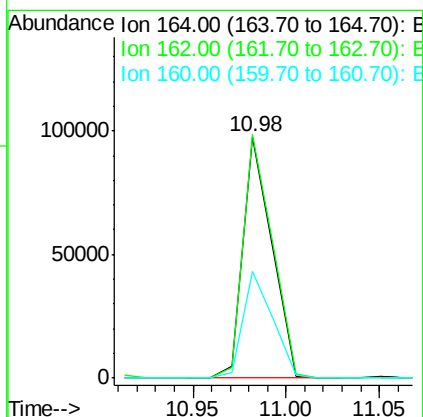
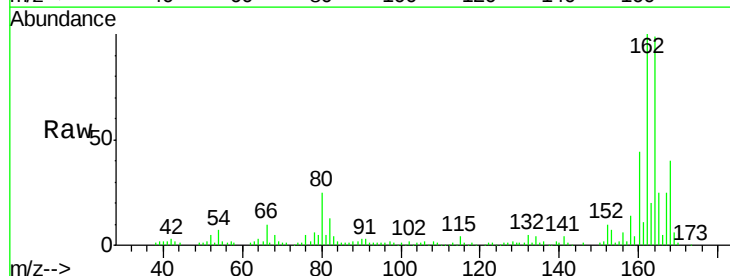
Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMS

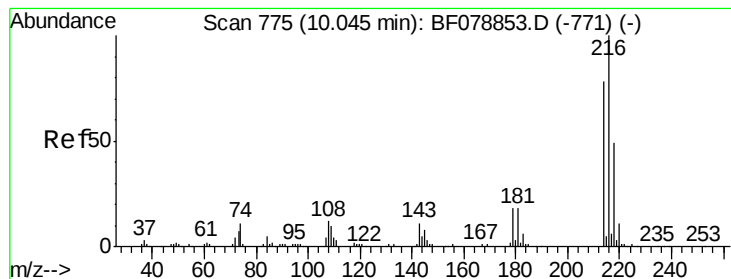
Tgt Ion:142 Resp: 720001
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.9 106.3
 115 31.1 28.5 42.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

Tgt Ion:164 Resp: 104566
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.7 124.1
 160 44.0 35.8 53.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.19 ng

RT: 9.91 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

Tgt Ion:216 Resp: 106588

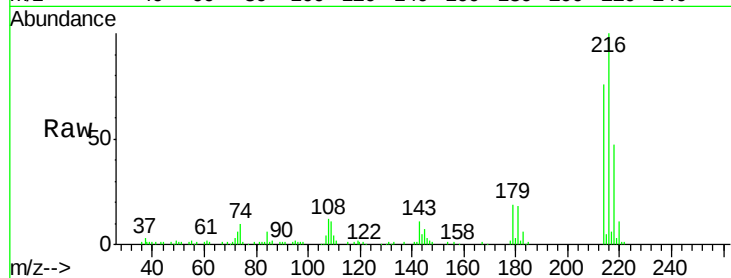
Ion Ratio Lower Upper

216 100

214 77.6 0.0 0.0#

179 21.1 0.0 0.0#

108 18.9 0.0 0.0#

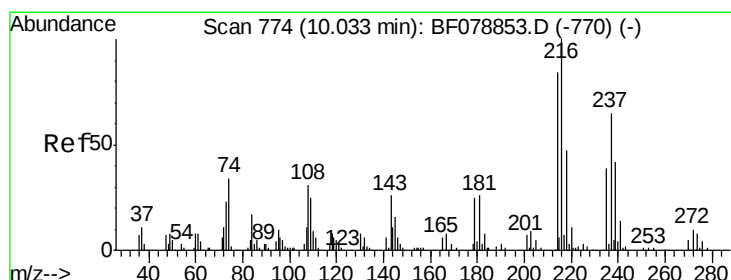
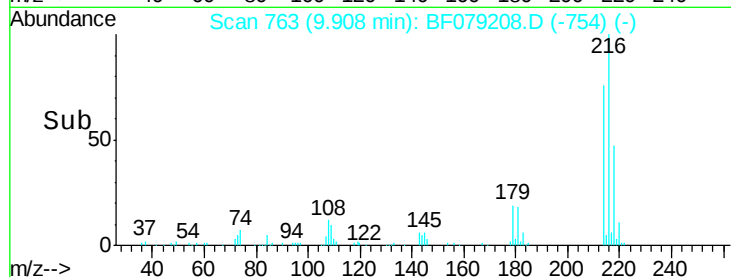
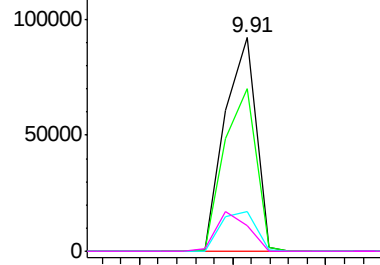


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 12.20 ng

RT: 9.88 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

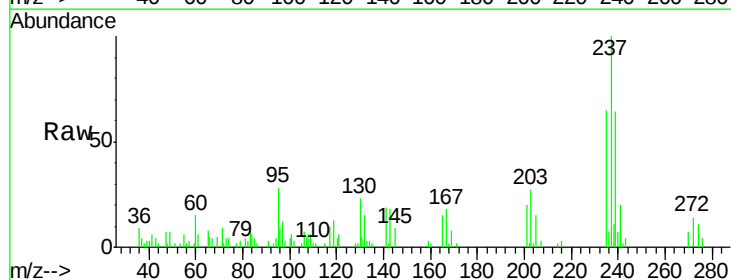
Tgt Ion:237 Resp: 18063

Ion Ratio Lower Upper

237 100

235 65.2 44.7 84.7

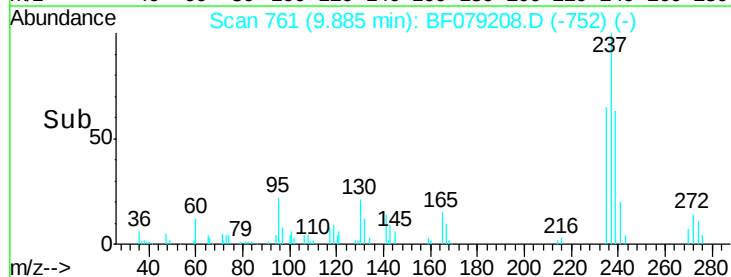
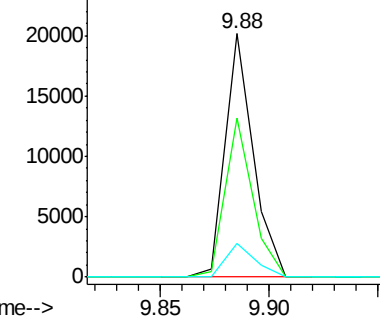
272 14.0 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

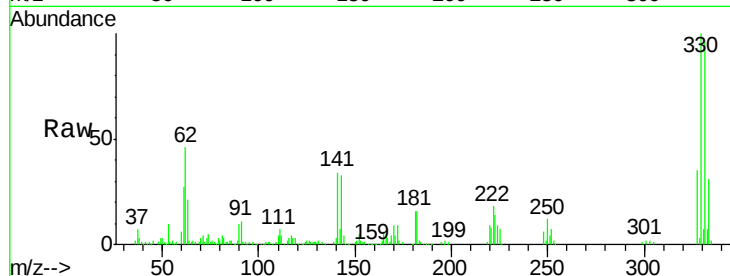




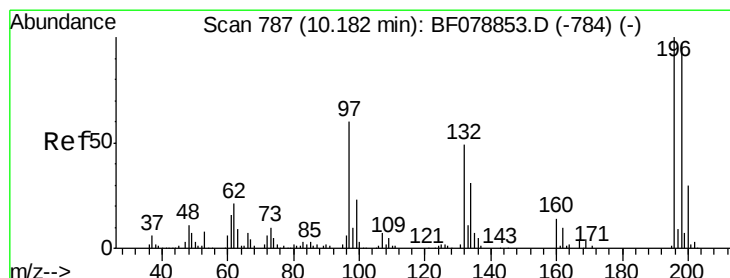
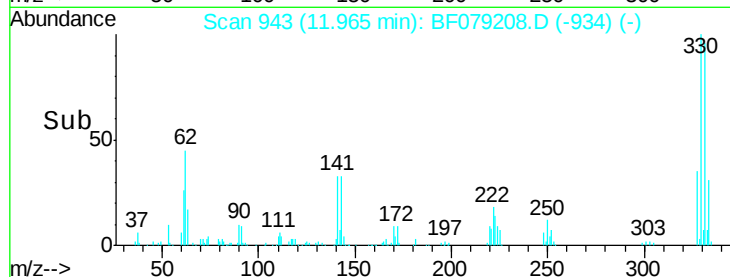
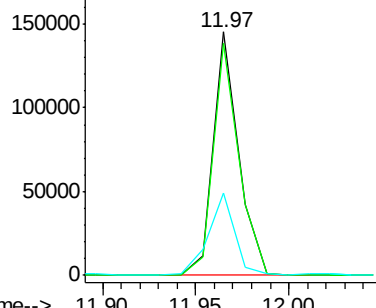
#41
 2,4,6-Tribromophenol
 Concen: 121.74 ng
 RT: 11.97 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMS

Tgt Ion: 330 Resp: 137708
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 34.2 0.0 0.0#

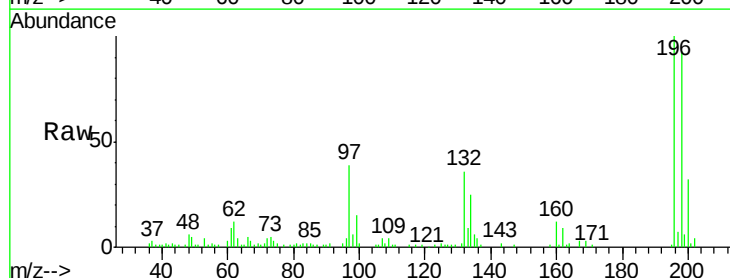


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

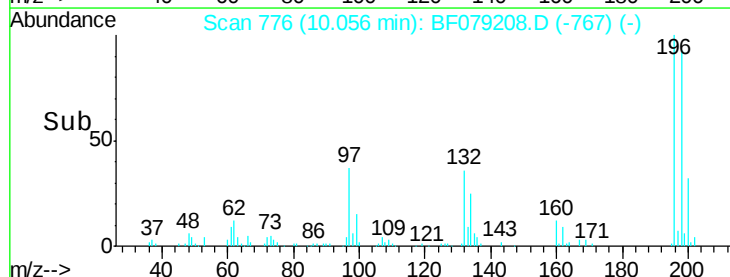
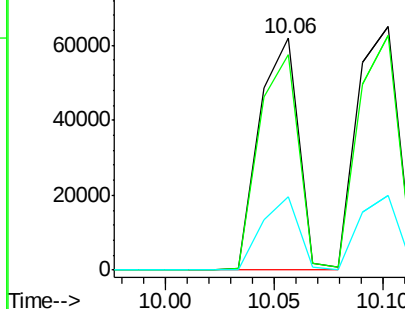


#42
 2,4,6-Trichlorophenol
 Concen: 38.47 ng
 RT: 10.06 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

Tgt Ion: 196 Resp: 77887
 Ion Ratio Lower Upper
 196 100
 198 93.1 80.5 120.7
 200 31.6 24.9 37.3



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

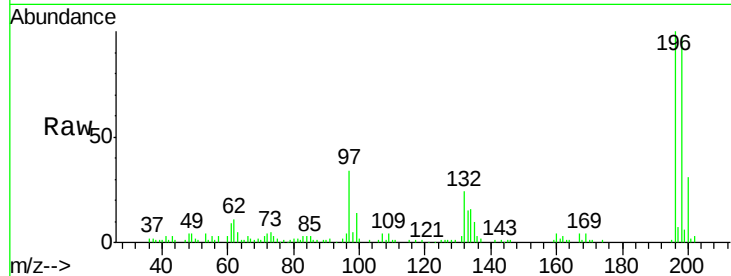




#43
 2,4,5-Trichlorophenol
 Concen: 41.28 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.01 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMS

Tgt Ion	Resp	Lower	Upper
196	100		
198	96.6	79.8	119.6
97	34.0	46.0	69.0#
132	24.3	26.6	40.0#

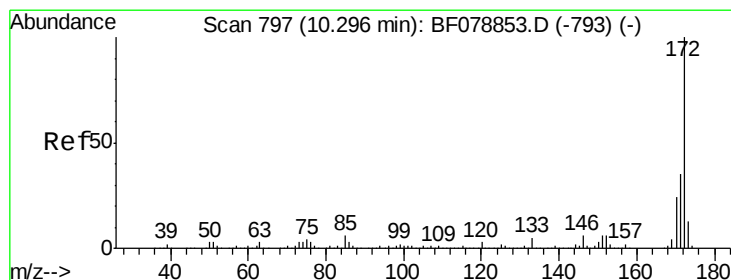
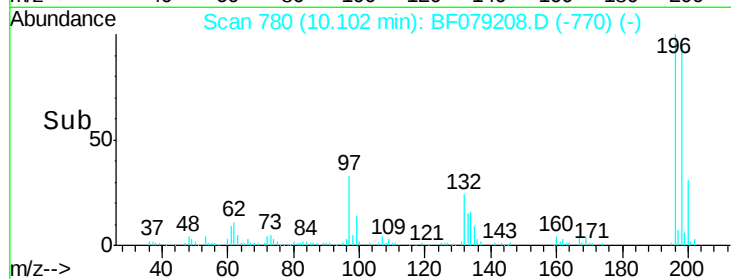
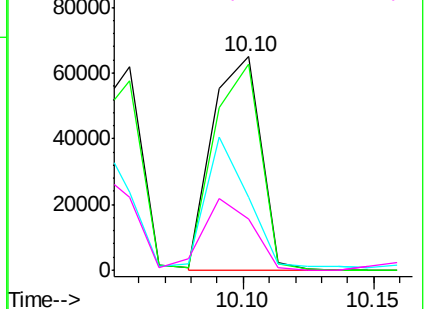


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

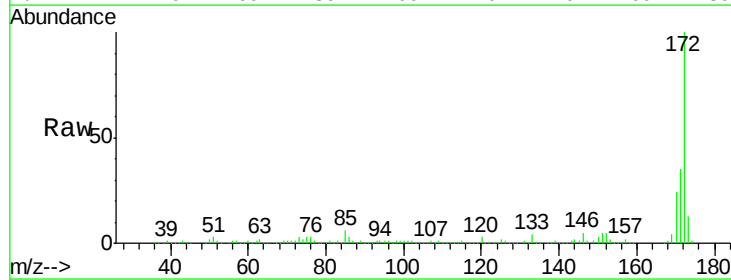
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 64.14 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

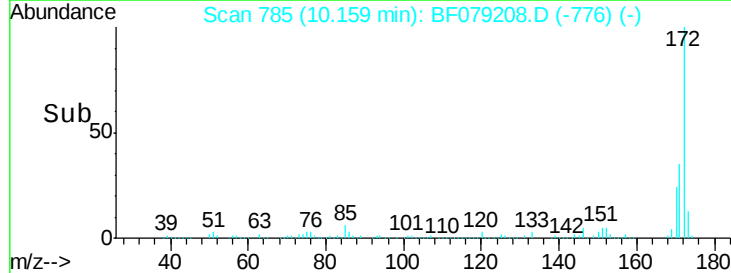
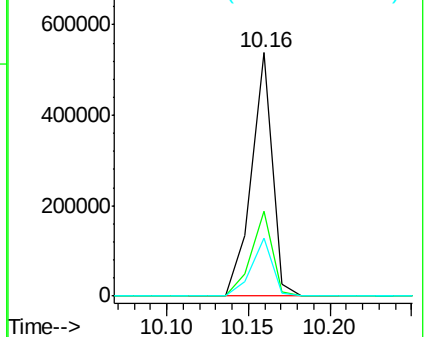
Tgt Ion	Resp	Lower	Upper
172	100		
171	34.8	27.9	41.9
170	23.9	19.4	29.0

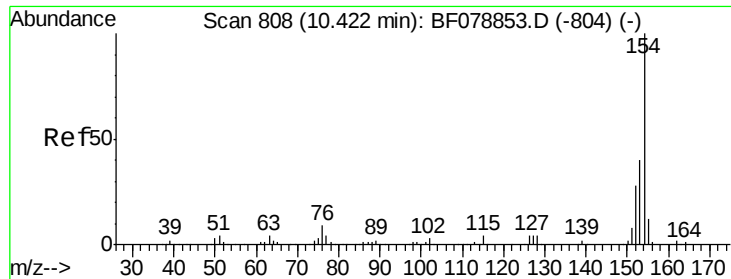


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

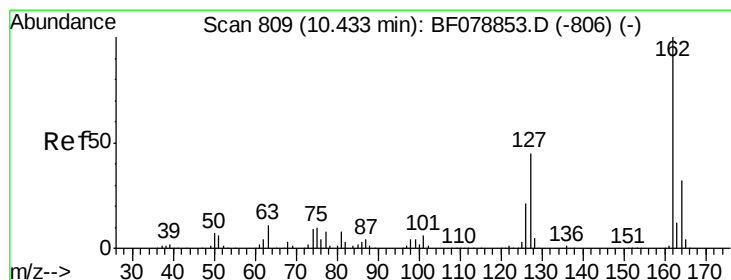
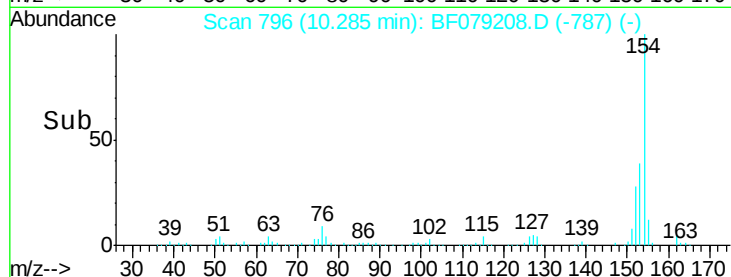
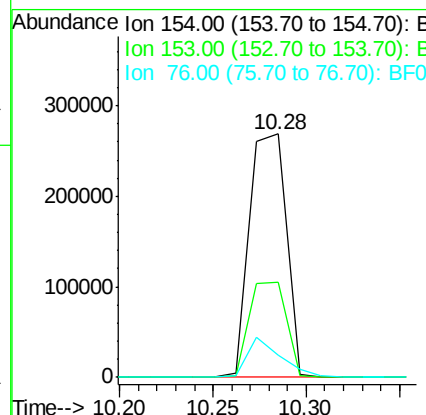
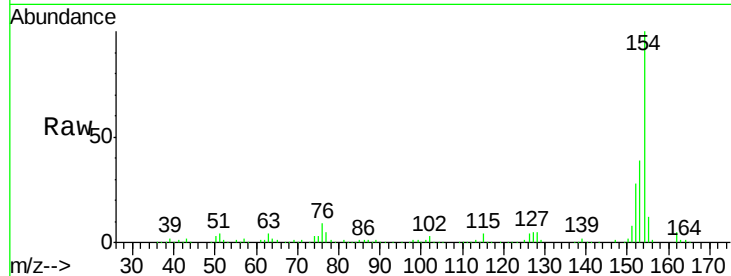




#45
 1,1'-Biphenyl
 Concen: 44.35 ng
 RT: 10.28 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

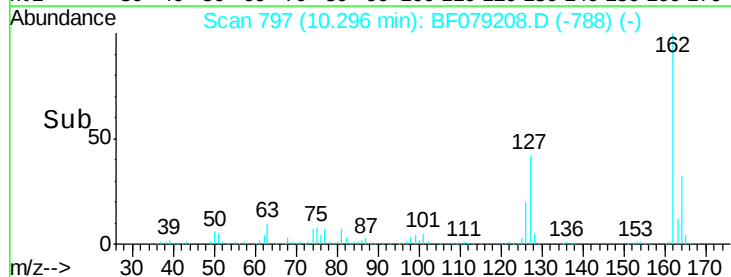
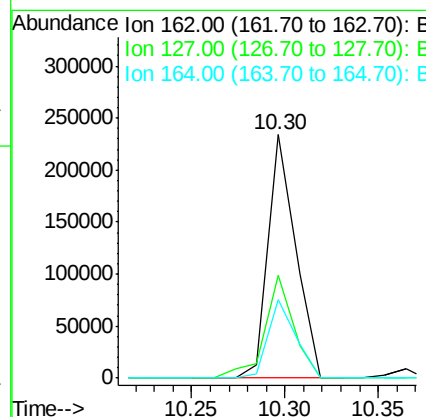
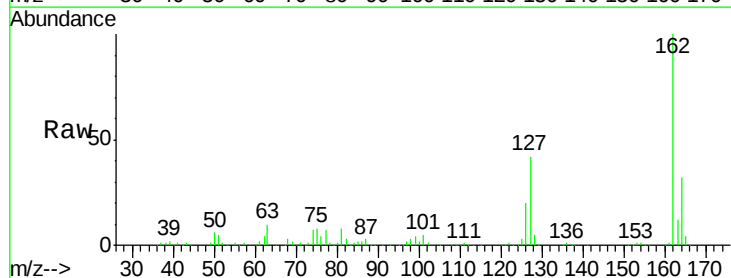
Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMS

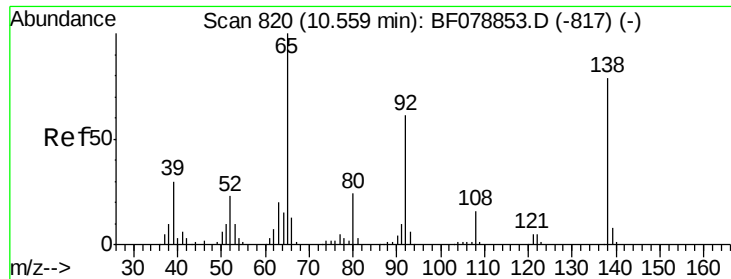
Tgt Ion:154 Resp: 368643
 Ion Ratio Lower Upper
 154 100
 153 39.1 19.9 59.9
 76 9.3 0.0 35.0



#46
 2-Chloronaphthalene
 Concen: 36.75 ng
 RT: 10.30 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

Tgt Ion:162 Resp: 238298
 Ion Ratio Lower Upper
 162 100
 127 42.3 33.9 50.9
 164 32.1 26.3 39.5

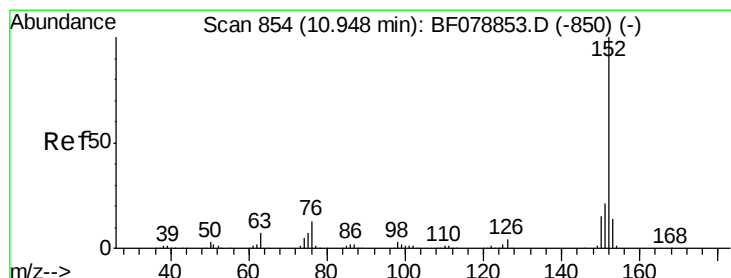
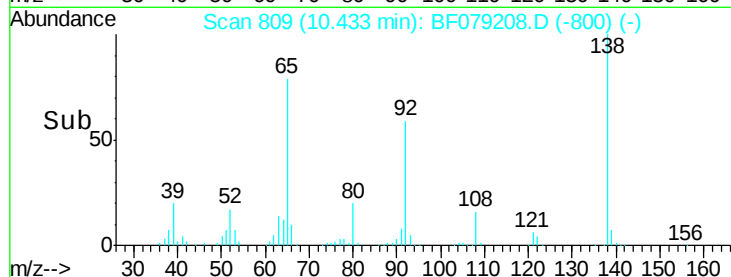
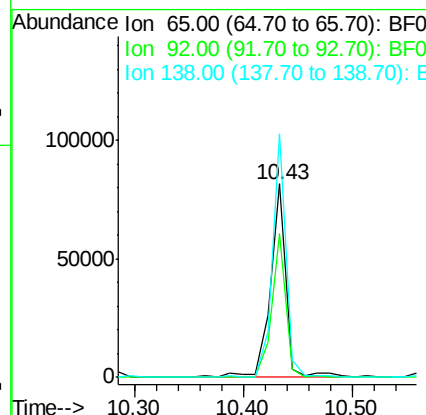
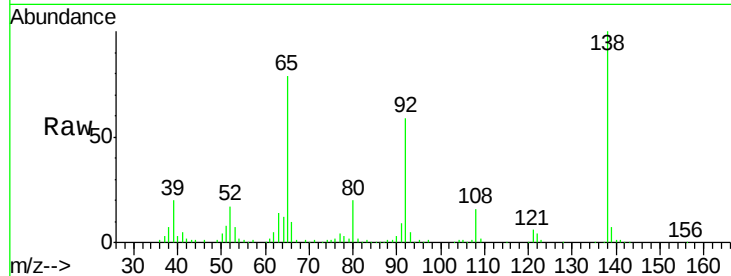




#47
 2-Nitroaniline
 Concen: 42.95 ng
 RT: 10.43 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

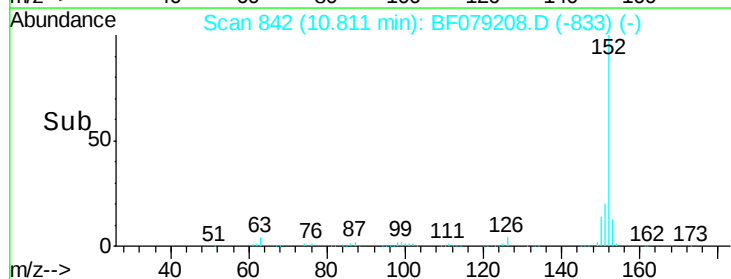
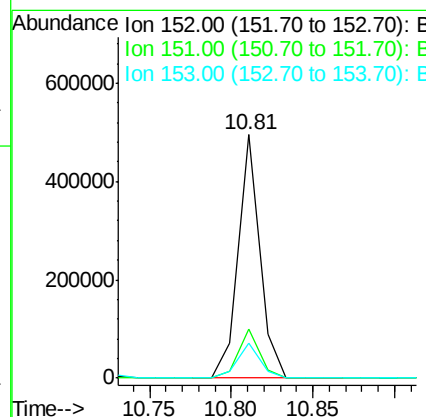
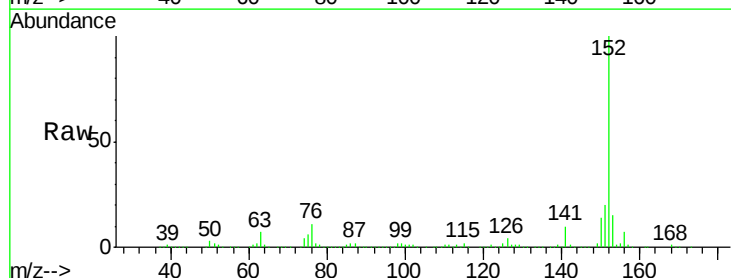
Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMS

Tgt Ion: 65 Resp: 80687
 Ion Ratio Lower Upper
 65 100
 92 74.7 54.0 81.0
 138 126.0 75.0 112.6#



#48
 Acenaphthylene
 Concen: 42.41 ng
 RT: 10.81 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

Tgt Ion: 152 Resp: 451553
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.2 24.4
 153 14.5 10.9 16.3

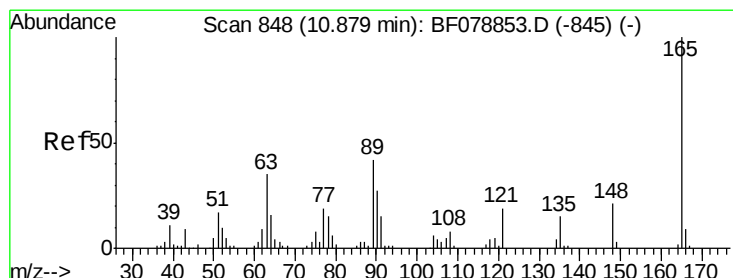
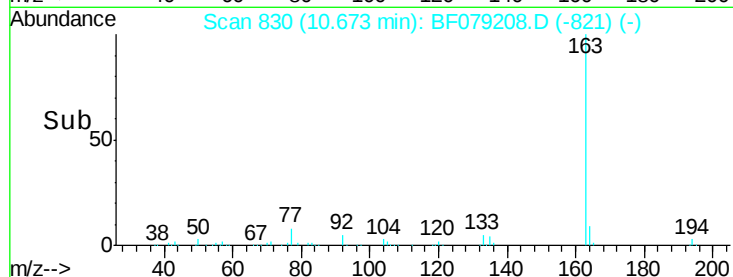
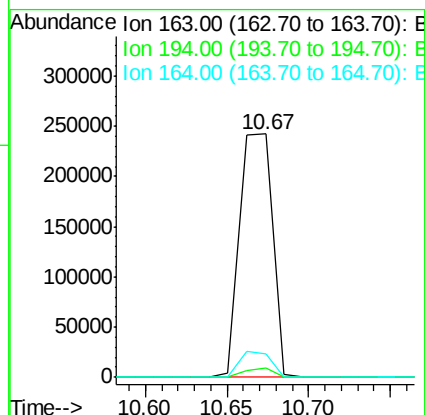
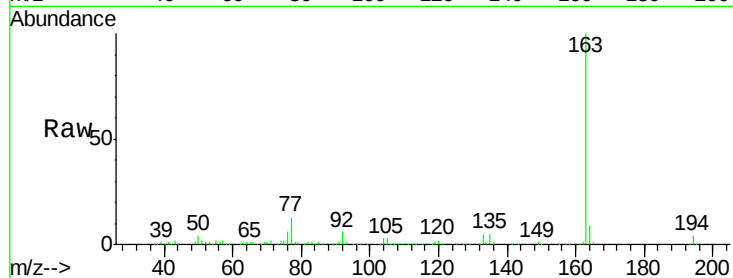




#49
Dimethylphthalate
Concen: 43.95 ng
RT: 10.67 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF079208.D
Acq: 13 May 2015 22:10

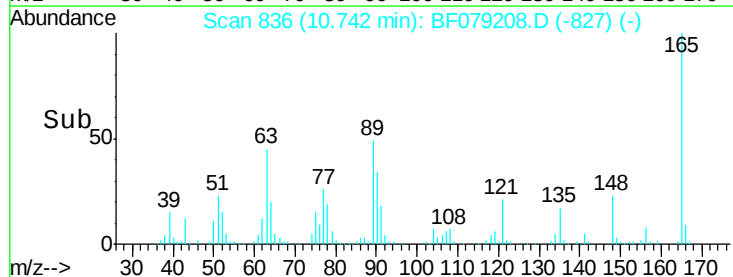
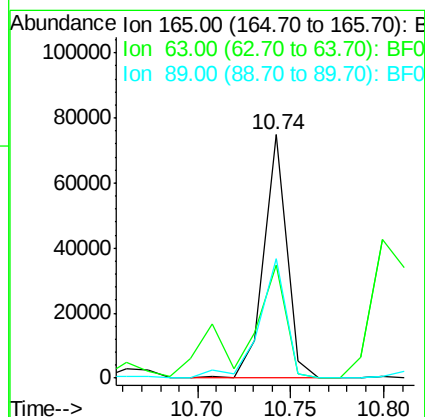
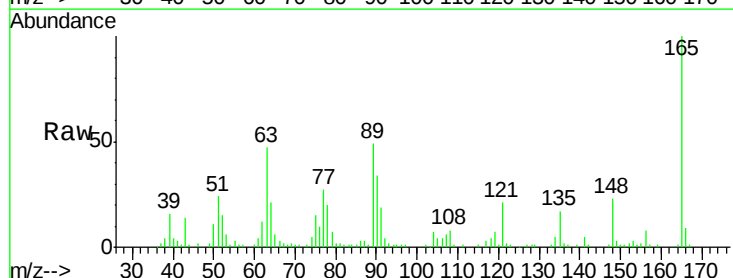
Instrument :
BNA_F
ClientSampleId :
SB-41DMS

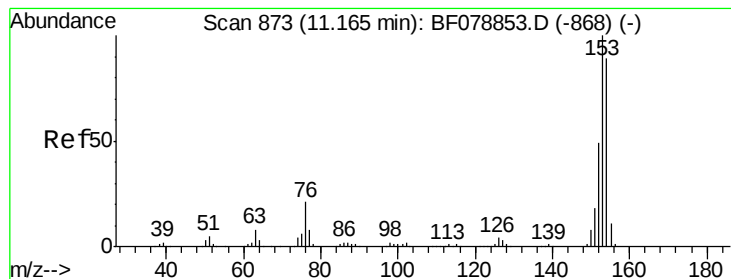
Tgt Ion:163 Resp: 337280
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.4 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 41.83 ng
RT: 10.74 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF079208.D
Acq: 13 May 2015 22:10

Tgt Ion:165 Resp: 63352
Ion Ratio Lower Upper
165 100
63 46.6 54.4 81.6#
89 49.3 55.7 83.5#





#51

Acenaphthene

Concen: 74.36 ng

RT: 11.03 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

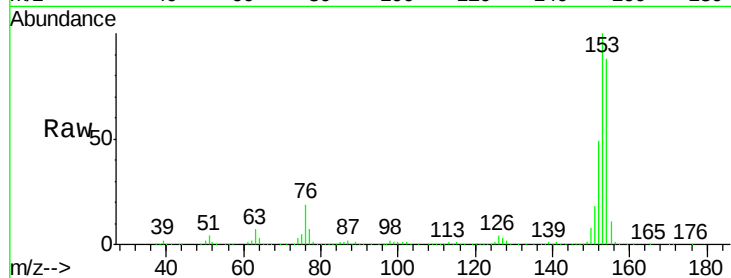
Tgt Ion:154 Resp: 472074

Ion Ratio Lower Upper

154 100

153 113.0 91.5 137.3

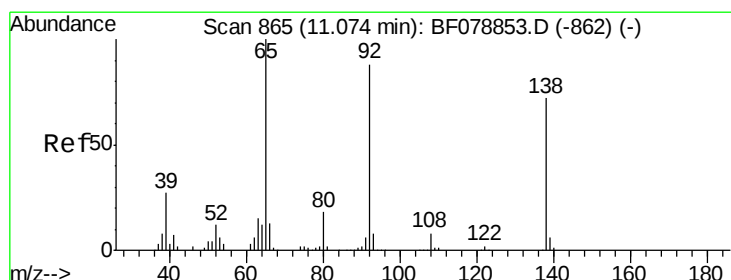
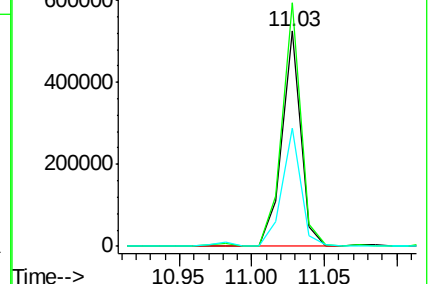
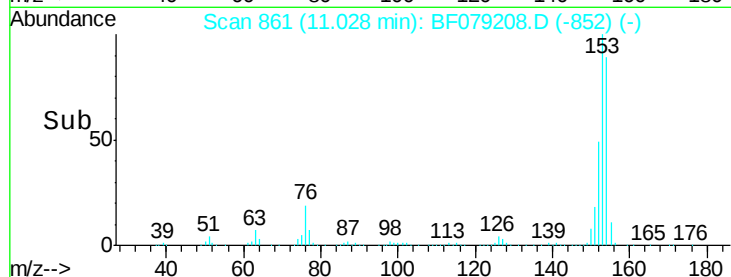
152 54.9 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.97 ng

RT: 10.94 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

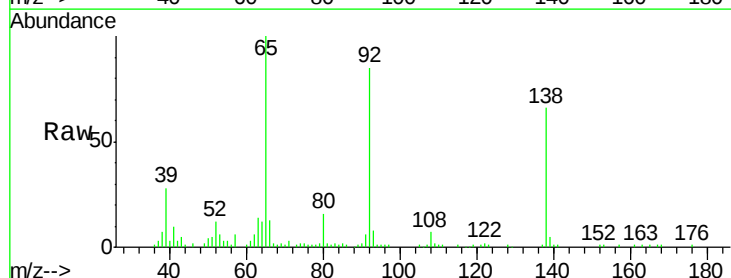
Tgt Ion:138 Resp: 62383

Ion Ratio Lower Upper

138 100

108 11.1 10.6 16.0

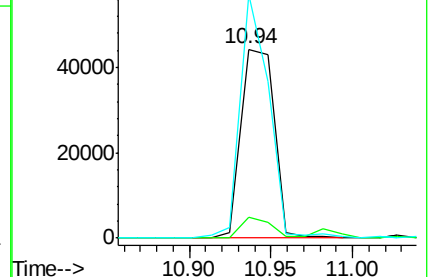
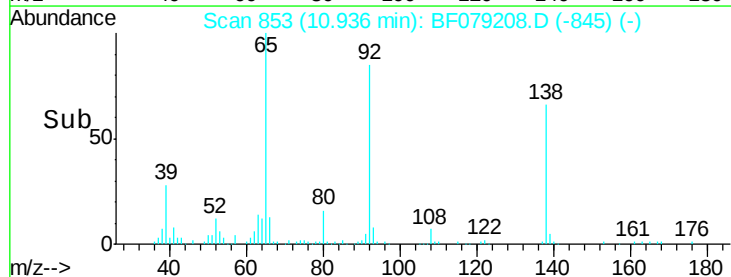
92 128.9 81.8 122.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

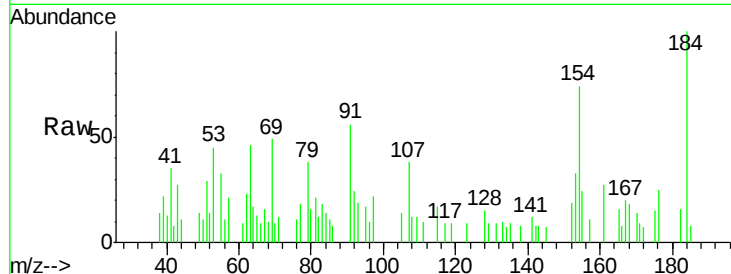




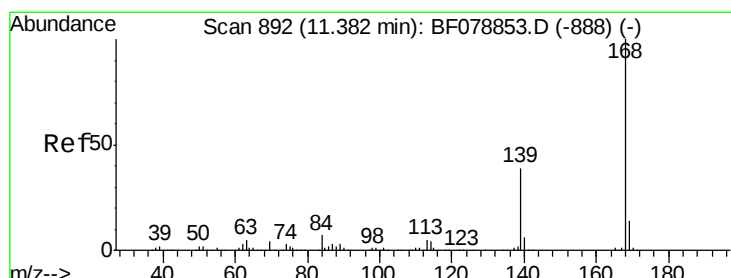
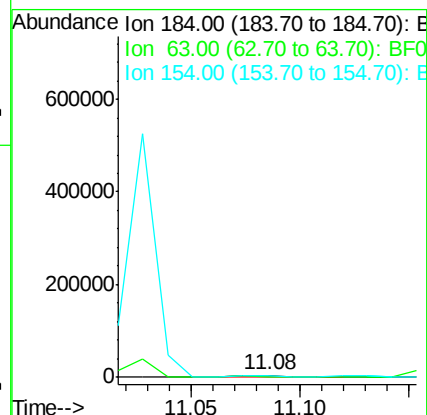
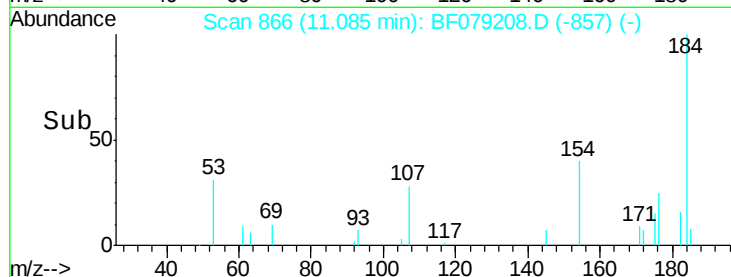
#53
2,4-Dinitrophenol
Concen: 17.51 ng
RT: 11.08 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF079208.D
Acq: 13 May 2015 22:10

Instrument :
BNA_F
ClientSampleId :
SB-41DMS

Tgt Ion:184 Resp: 5227
Ion Ratio Lower Upper
184 100
63 45.6 63.3 94.9#
154 73.6 53.8 80.6

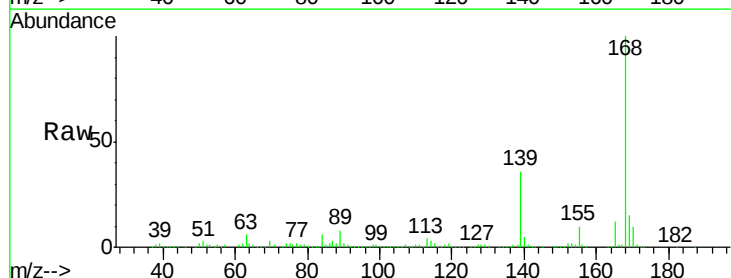


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

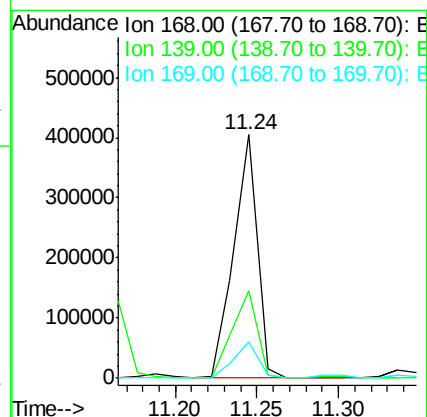
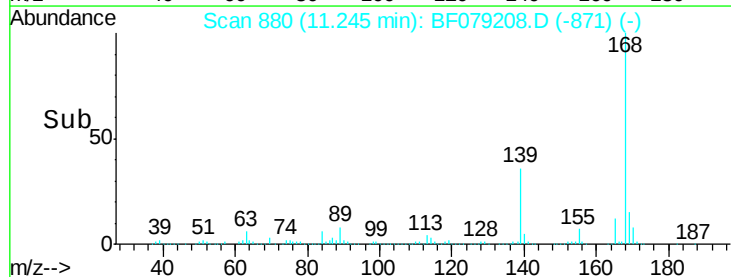


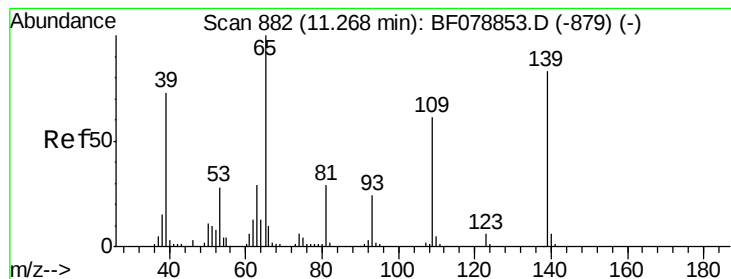
#54
Dibenzofuran
Concen: 43.82 ng
RT: 11.24 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF079208.D
Acq: 13 May 2015 22:10

Tgt Ion:168 Resp: 401810
Ion Ratio Lower Upper
168 100
139 35.9 31.0 46.4
169 15.1 10.6 16.0



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: 85.13 ng

RT: 11.16 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

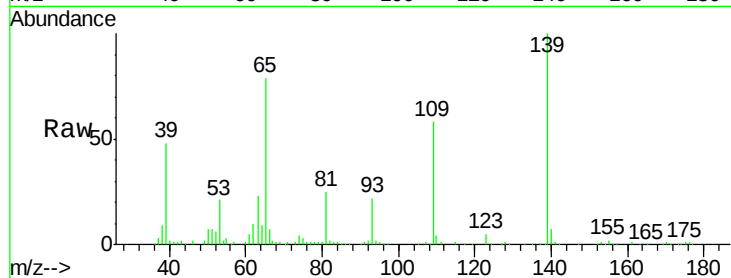
Tgt Ion:139 Resp: 127470

Ion Ratio Lower Upper

139 100

109 58.1 47.6 87.6

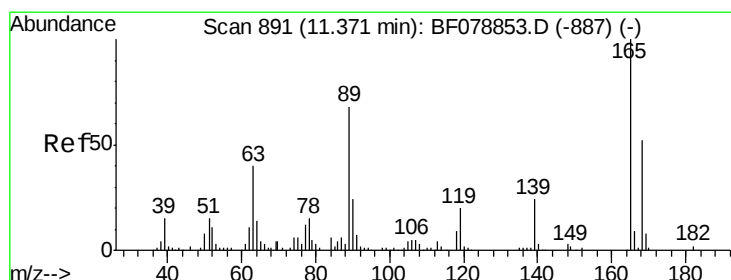
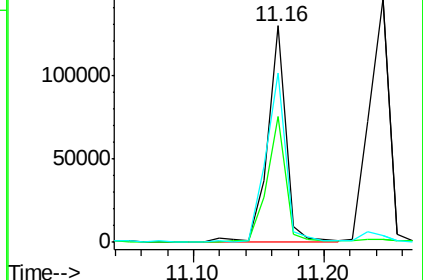
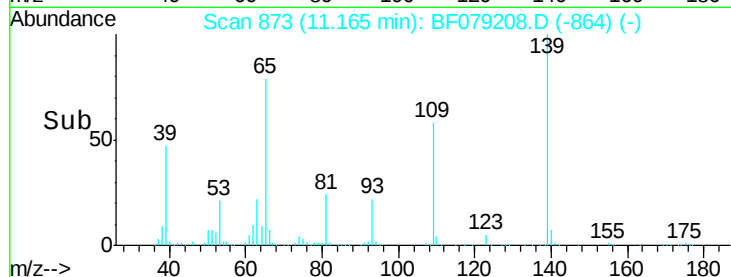
65 78.6 54.3 94.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.79 ng

RT: 11.23 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Tgt Ion:165 Resp: 79666

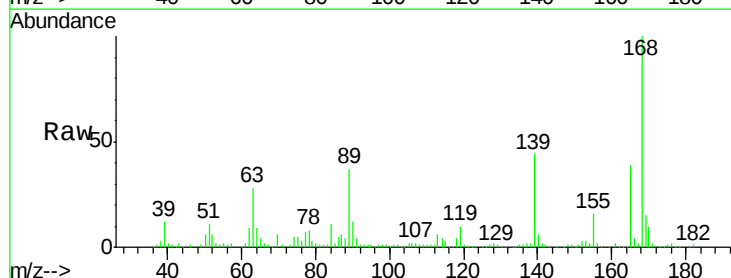
Ion Ratio Lower Upper

165 100

63 71.5 51.2 76.8

89 95.6 82.7 124.1

182 3.7 1.4 2.2#

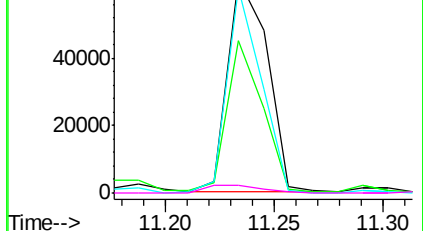
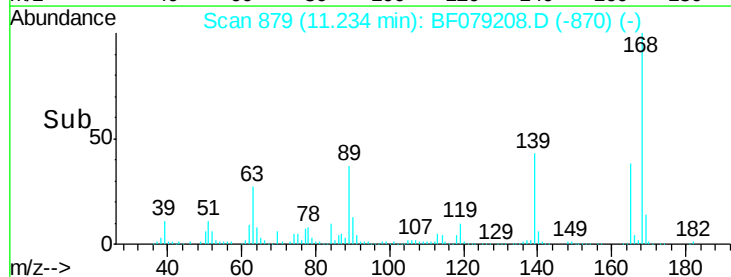


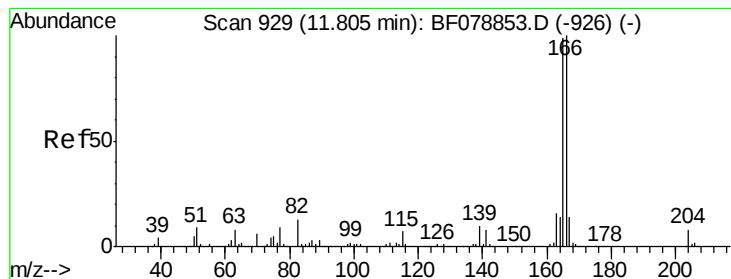
Abundance Ion 165.00 (164.70 to 165.70): E

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: 68.36 ng

RT: 11.67 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

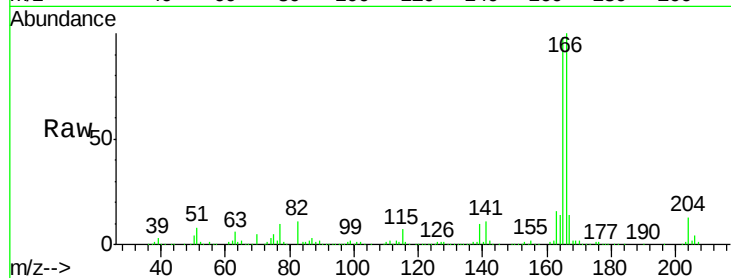
Tgt Ion:166 Resp: 514576

Ion Ratio Lower Upper

166 100

165 98.4 78.5 117.7

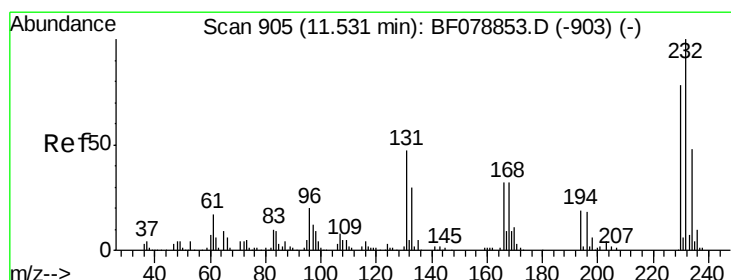
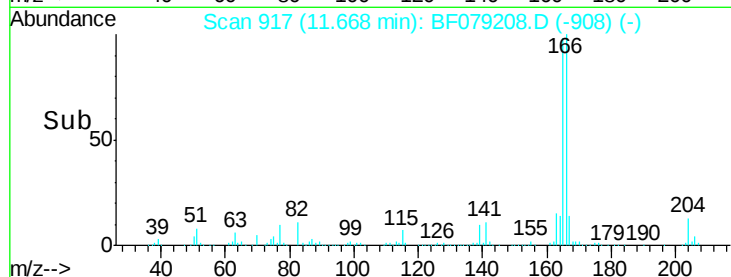
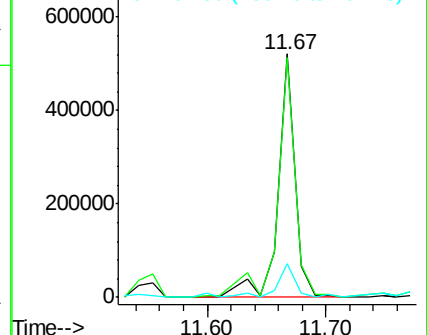
167 13.8 11.0 16.6



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: 38.40 ng

RT: 11.39 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Tgt Ion:232 Resp: 64239

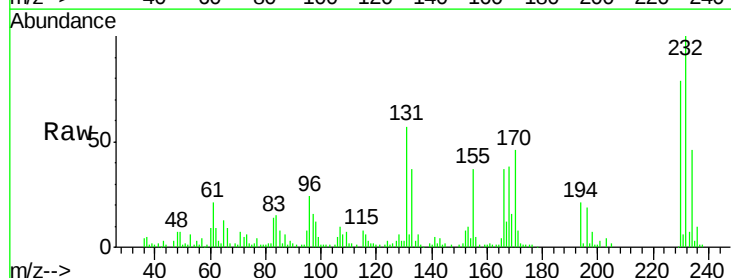
Ion Ratio Lower Upper

232 100

131 52.2 0.0 0.0#

130 4.0 0.0 0.0#

166 34.9 0.0 0.0#

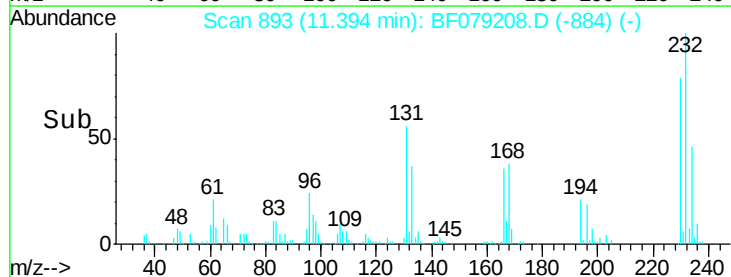
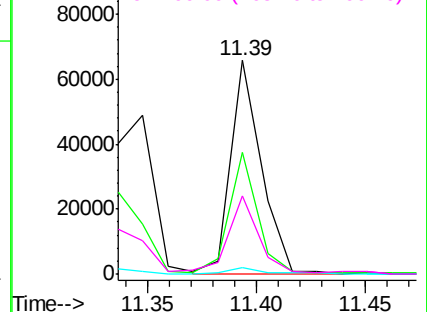


Abundance Ion 232.00 (231.70 to 232.70): E

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: 11.54 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

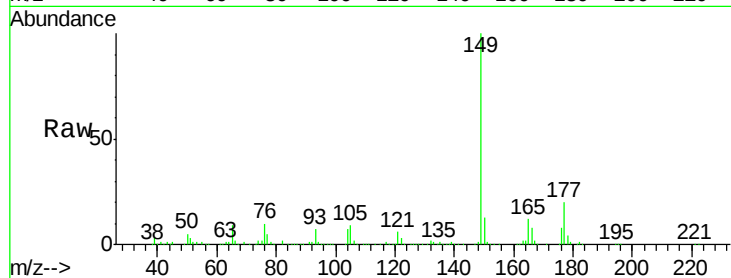
Tgt Ion:149 Resp: 276756

Ion Ratio Lower Upper

149 100

177 20.5 17.5 26.3

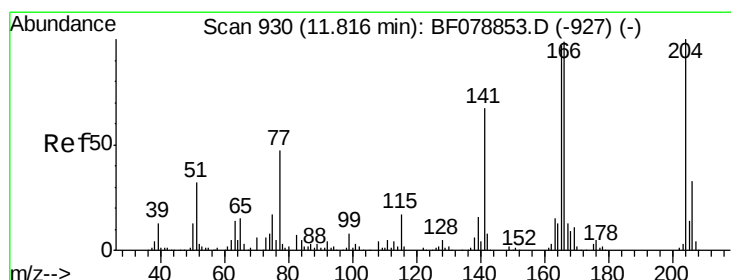
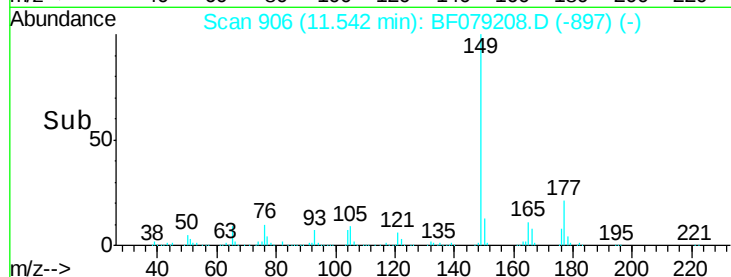
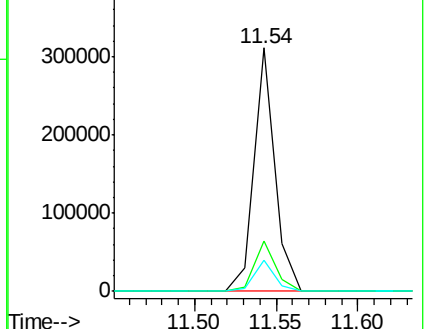
150 12.7 9.6 14.4



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: 35.39 ng

RT: 11.68 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

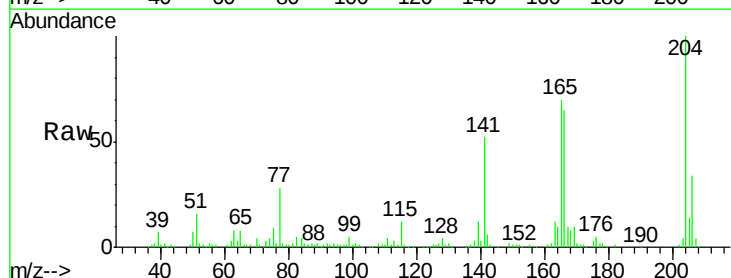
Tgt Ion:204 Resp: 118173

Ion Ratio Lower Upper

204 100

206 34.5 26.9 40.3

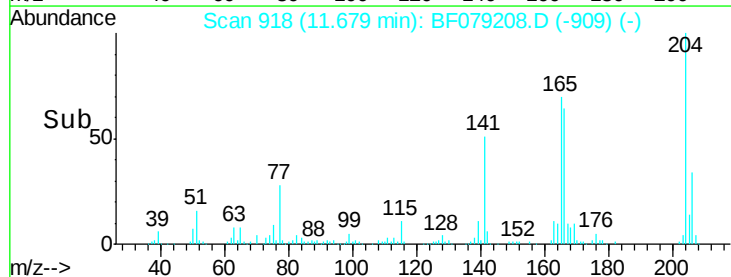
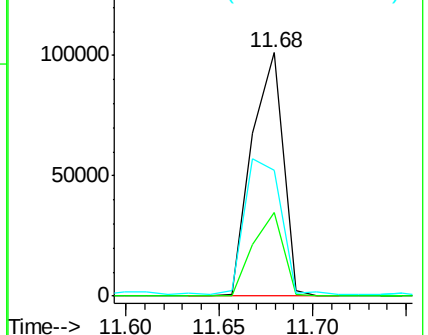
141 51.5 48.3 72.5

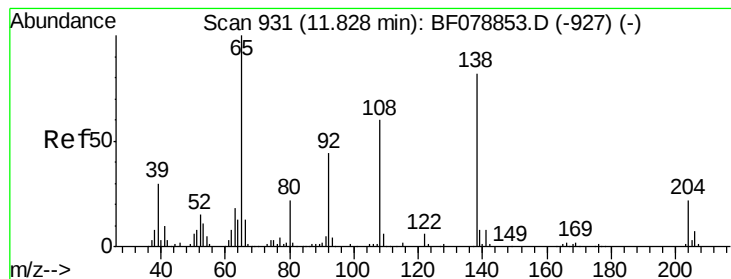


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.03 ng

RT: 11.69 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

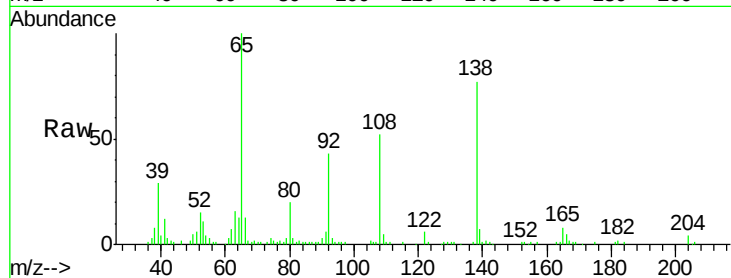
Tgt Ion:138 Resp: 73866

Ion Ratio Lower Upper

138 100

92 55.0 28.0 68.0

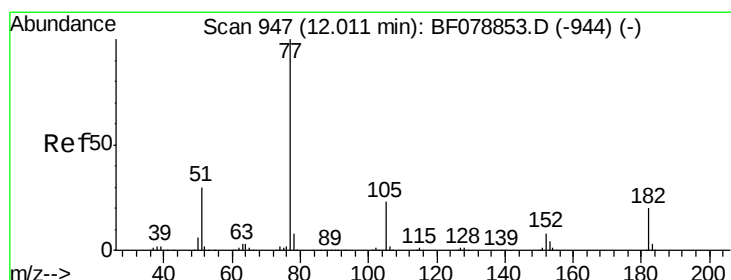
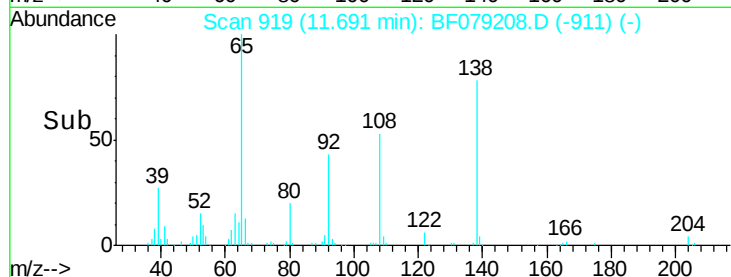
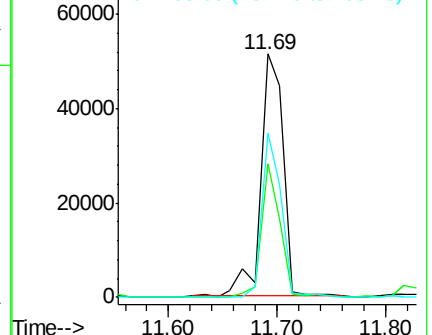
108 67.6 56.3 96.3



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: 36.41 ng

RT: 11.87 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Tgt Ion: 77 Resp: 272754

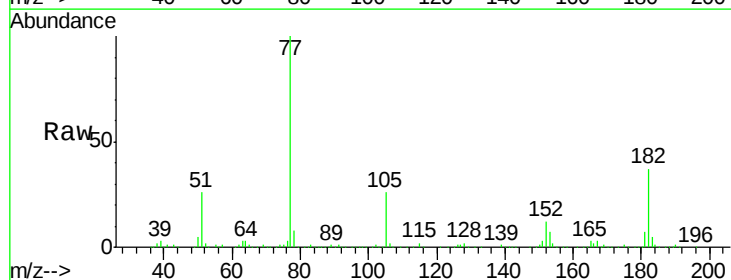
Ion Ratio Lower Upper

77 100

182 36.7 3.8 43.8

105 26.5 3.9 43.9

51 26.0 10.8 50.8

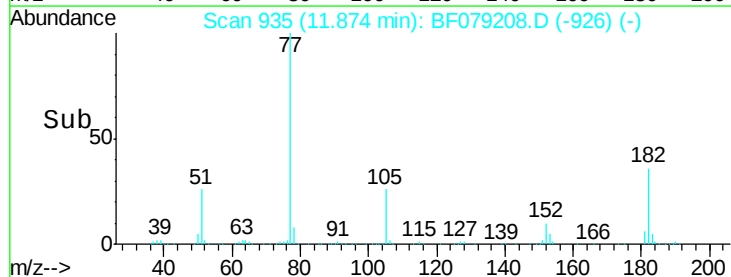
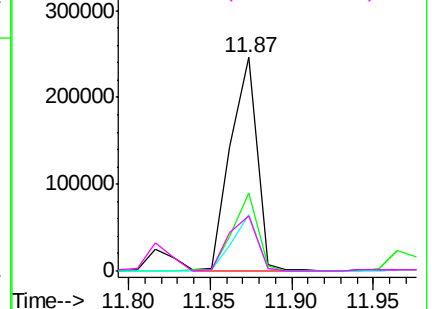


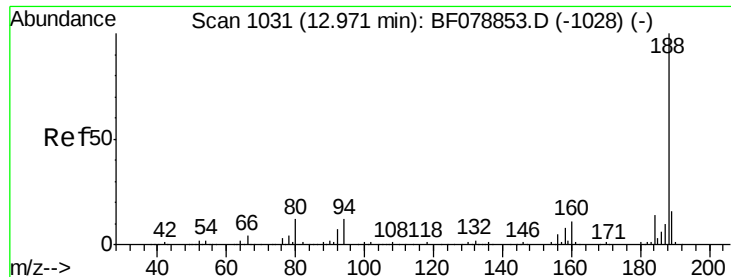
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

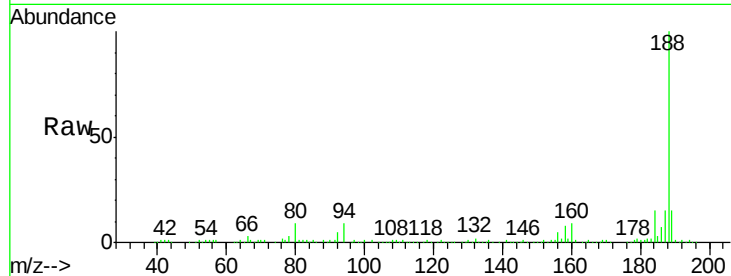




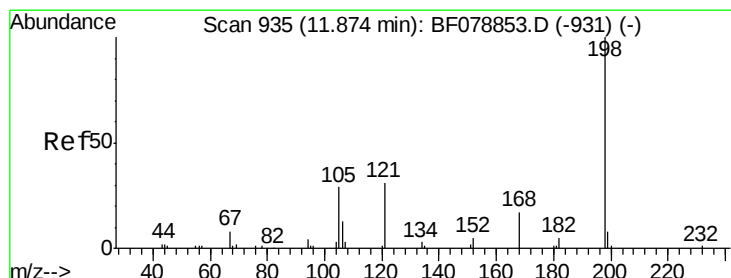
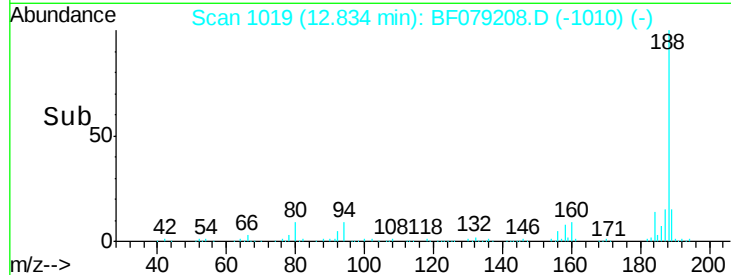
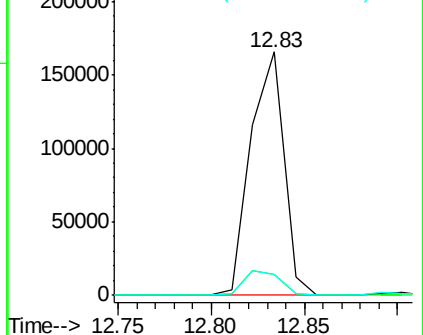
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.83 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF079208.D
Acq: 13 May 2015 22:10

Instrument :
BNA_F
ClientSampleId :
SB-41DMS

Tgt Ion:188 Resp: 204641
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 8.8 8.9 13.3#

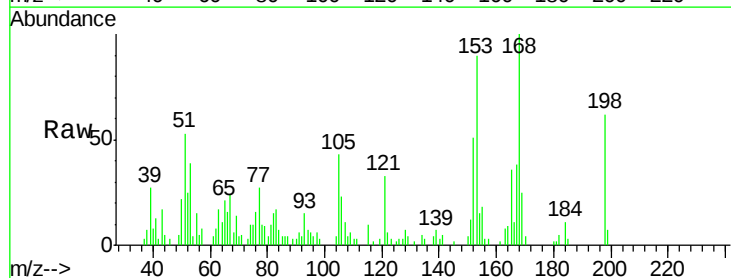


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

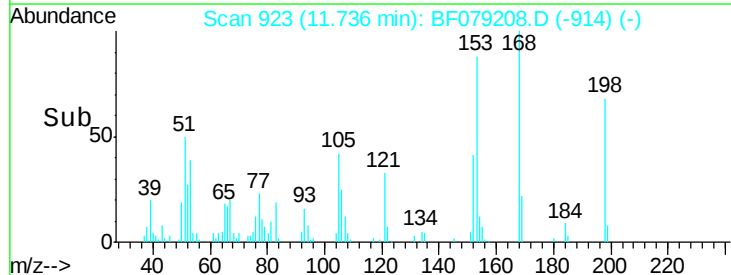
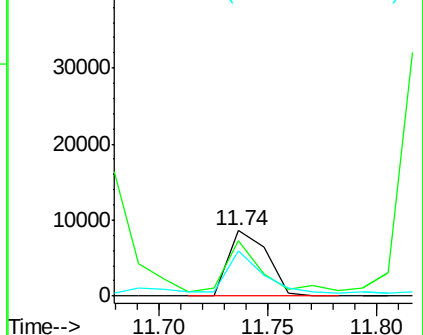


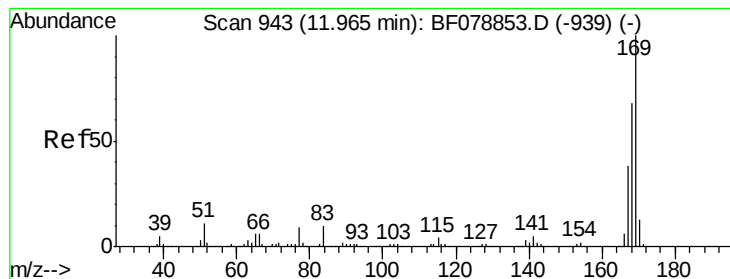
#64
4,6-Dinitro-2-methylphenol
Concen: 17.13 ng
RT: 11.74 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF079208.D
Acq: 13 May 2015 22:10

Tgt Ion:198 Resp: 10613
Ion Ratio Lower Upper
198 100
51 85.7 47.3 87.3
105 68.7 38.8 78.8



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: 36.77 ng

RT: 11.83 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

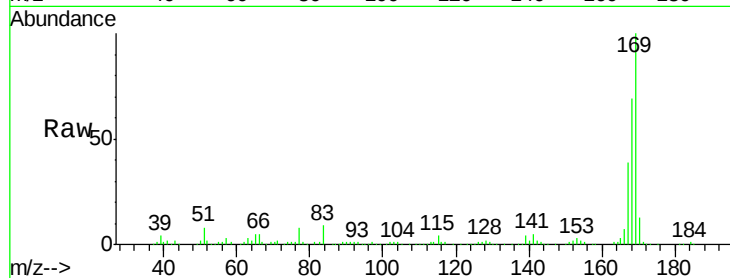
Tgt Ion:169 Resp: 250573

Ion Ratio Lower Upper

169 100

168 69.1 54.6 82.0

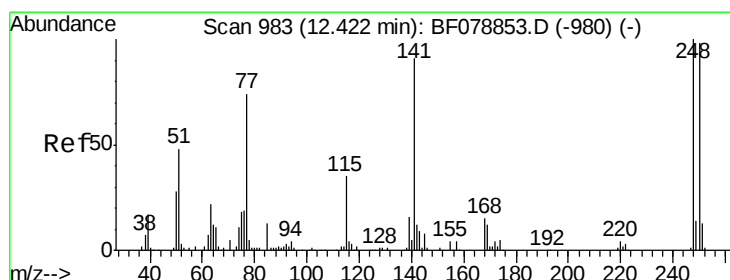
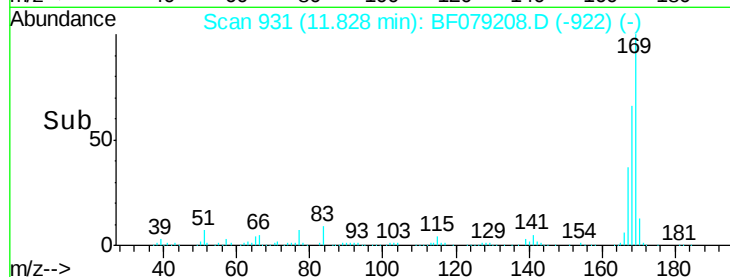
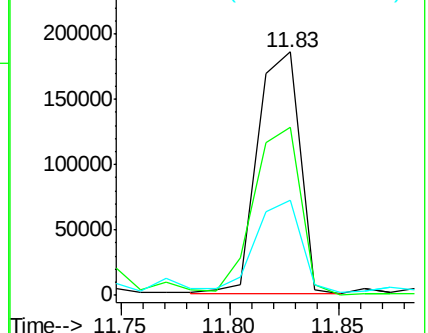
167 38.8 30.6 45.8



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: 36.75 ng

RT: 12.29 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

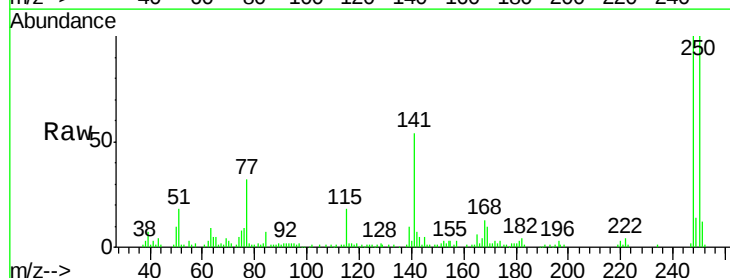
Tgt Ion:248 Resp: 78385

Ion Ratio Lower Upper

248 100

250 100.4 77.1 115.7

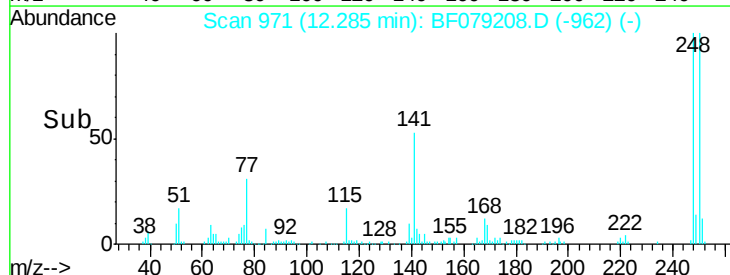
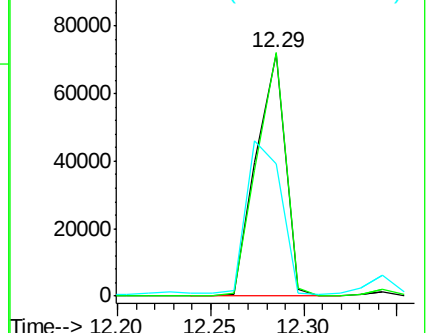
141 54.6 58.8 88.2#

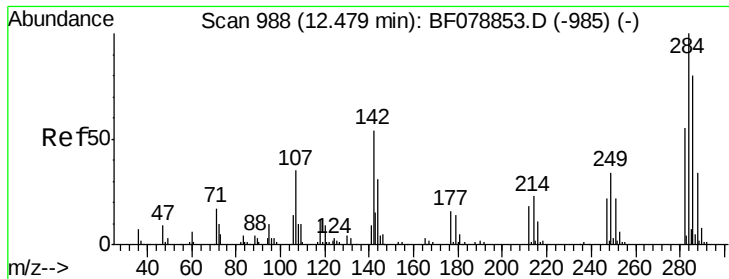


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

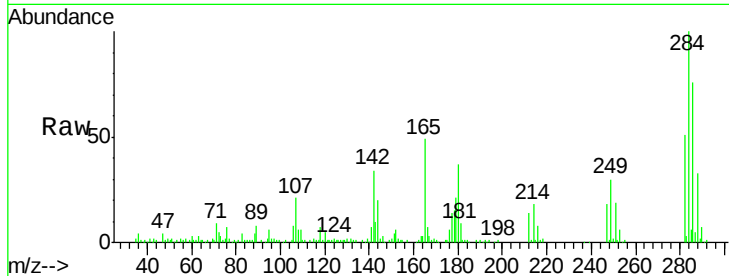




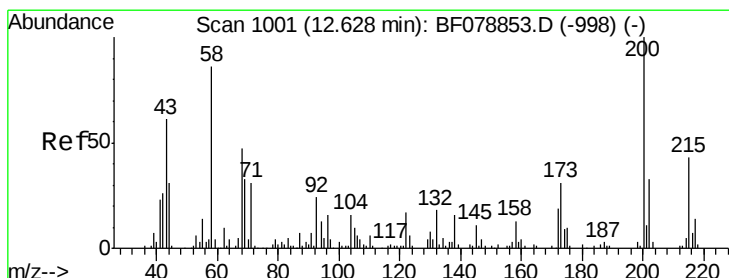
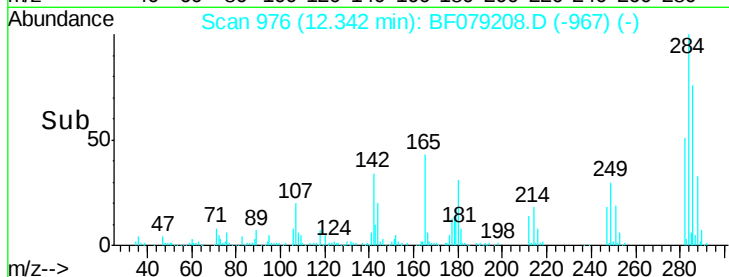
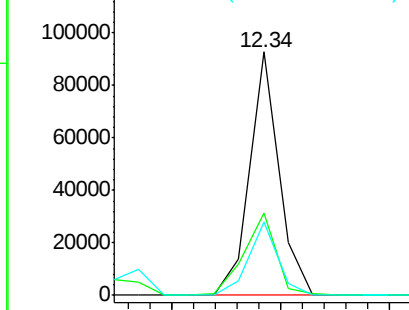
#67
Hexachlorobenzene
Concen: 35.69 ng
RT: 12.34 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF079208.D
Acq: 13 May 2015 22:10

Instrument :
BNA_F
ClientSampleId :
SB-41DMS

Tgt Ion:284 Resp: 87003
Ion Ratio Lower Upper
284 100
142 34.0 35.2 52.8#
249 30.2 25.4 38.2

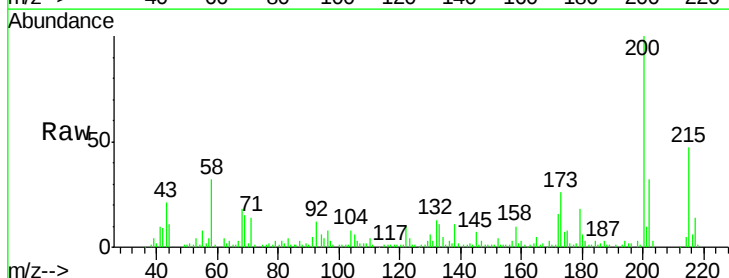


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

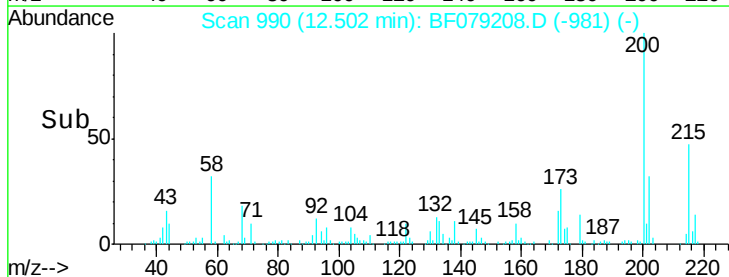
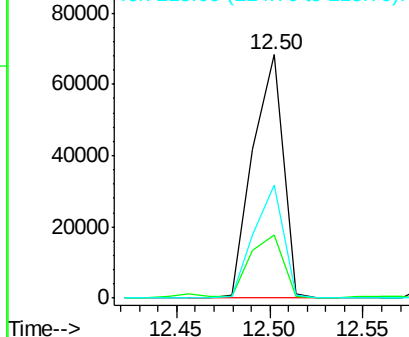


#68
Atrazine
Concen: 38.87 ng
RT: 12.50 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF079208.D
Acq: 13 May 2015 22:10

Tgt Ion:200 Resp: 77034
Ion Ratio Lower Upper
200 100
173 25.8 8.1 48.1
215 46.5 22.9 62.9



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

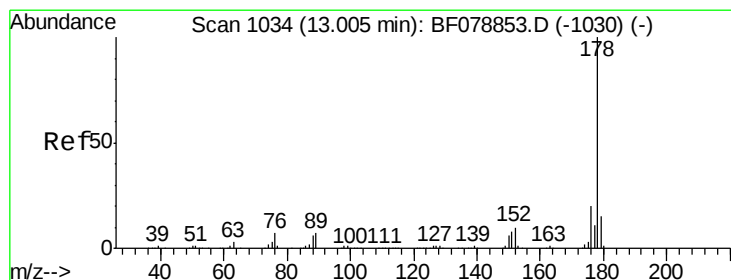
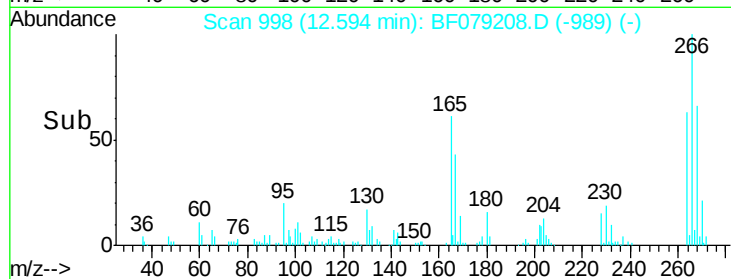
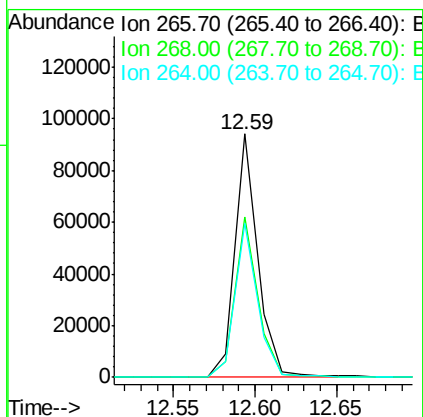
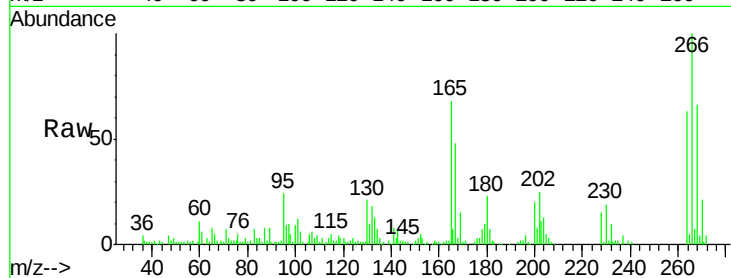




#69
 Pentachlorophenol
 Concen: 64.86 ng
 RT: 12.59 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

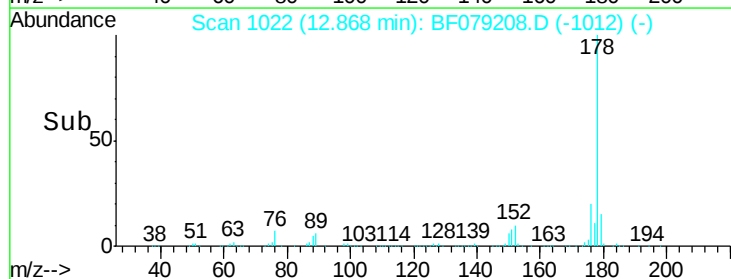
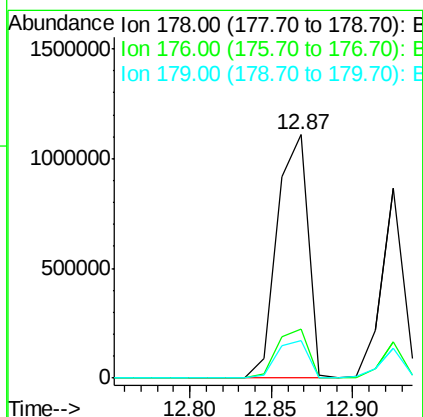
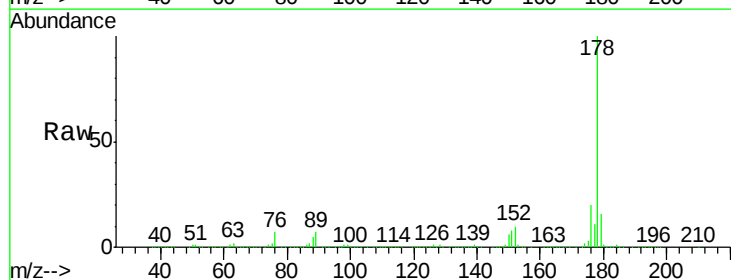
Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMS

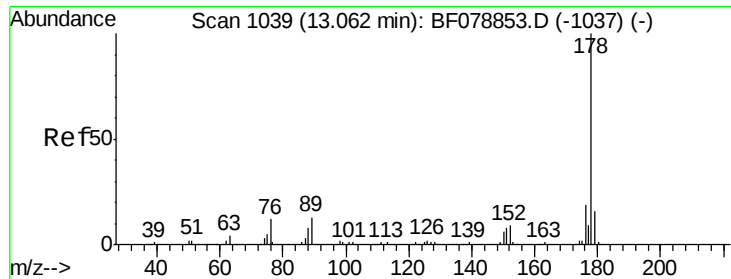
Tgt Ion:266 Resp: 90499
 Ion Ratio Lower Upper
 266 100
 268 65.8 55.0 82.6
 264 63.0 48.2 72.2



#70
 Phenanthrene
 Concen: 127.58 ng
 RT: 12.87 min Scan# 1022
 Delta R.T. 0.01 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

Tgt Ion:178 Resp: 1460608
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 15.6 12.5 18.7

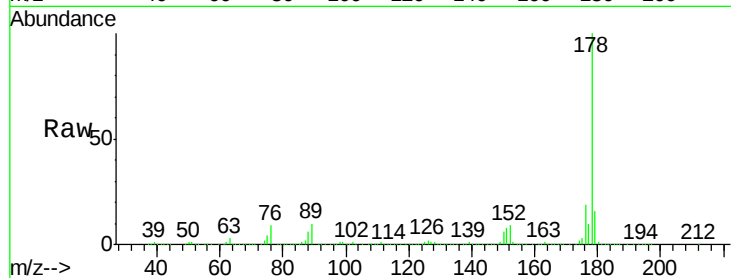




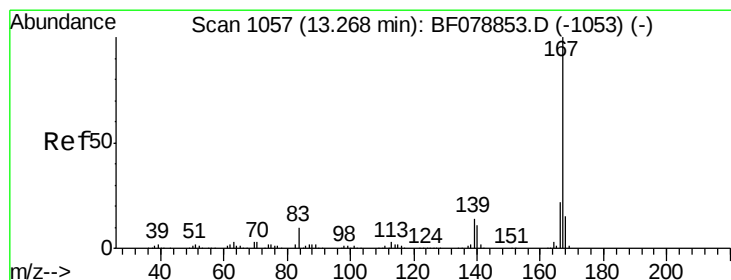
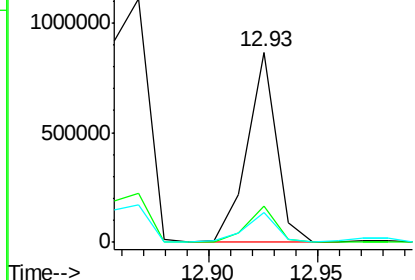
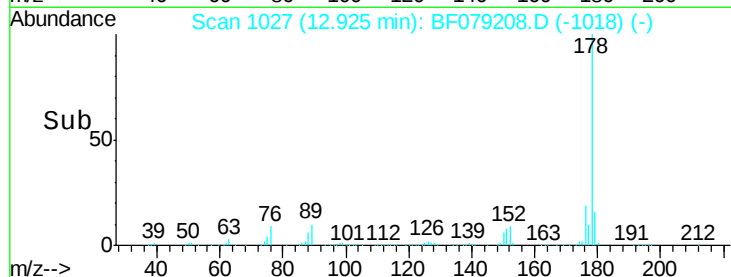
#71
 Anthracene
 Concen: 70.92 ng
 RT: 12.93 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

Instrument :
 BNA_F
 ClientSampleID :
 SB-41DMS

Tgt Ion:178 Resp: 796565
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 16.0 12.7 19.1

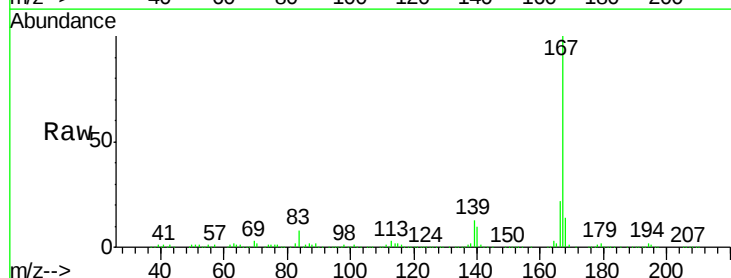


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

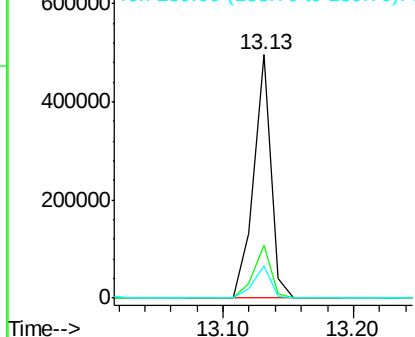
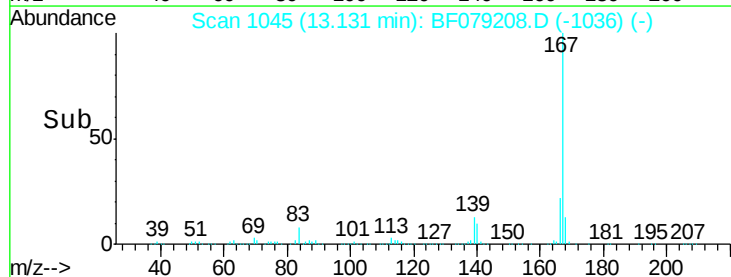


#72
 Carbazole
 Concen: 43.05 ng
 RT: 13.13 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

Tgt Ion:167 Resp: 460838
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.8
 139 13.2 10.6 16.0



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: 36.67 ng

RT: 13.58 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

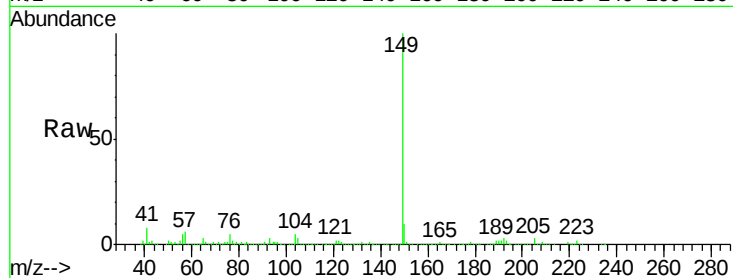
Tgt Ion:149 Resp: 470781

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

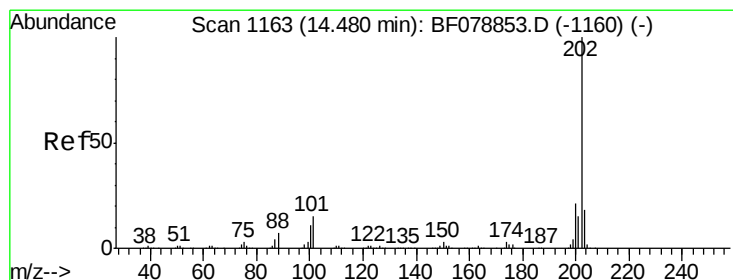
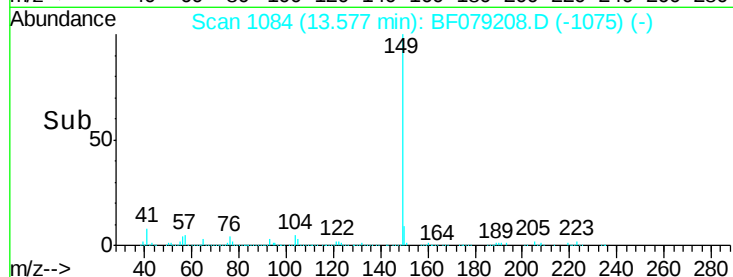
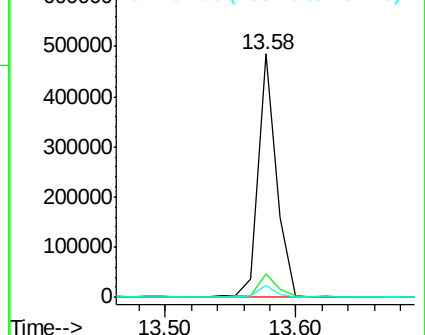
104 5.0 4.6 7.0



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: 93.22 ng

RT: 14.34 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

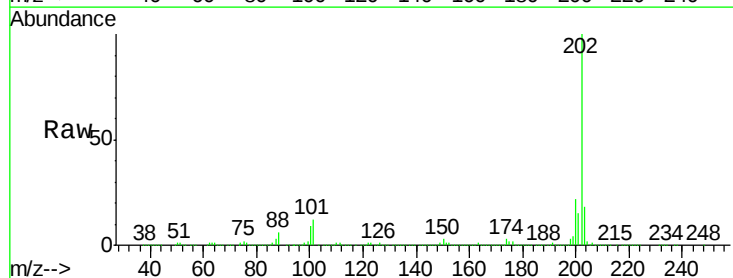
Tgt Ion:202 Resp: 1112022

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.6

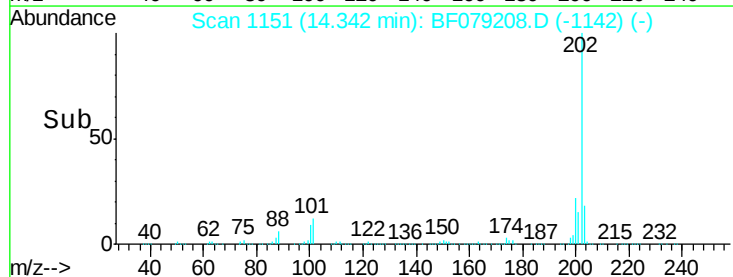
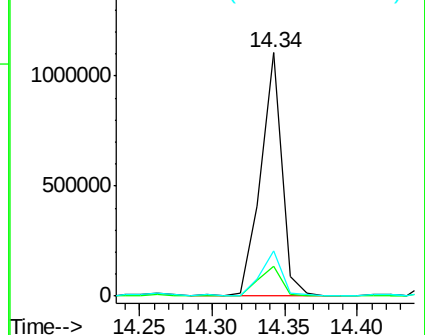
203 18.4 0.0 38.4

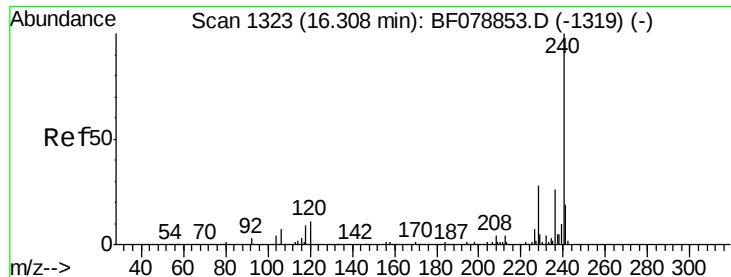


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.13 min Scan# 1307

Delta R.T. -0.03 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

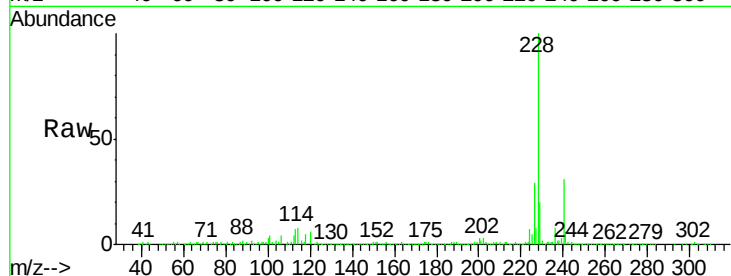
Tgt Ion:240 Resp: 213097

Ion Ratio Lower Upper

240 100

120 18.0 9.7 14.5#

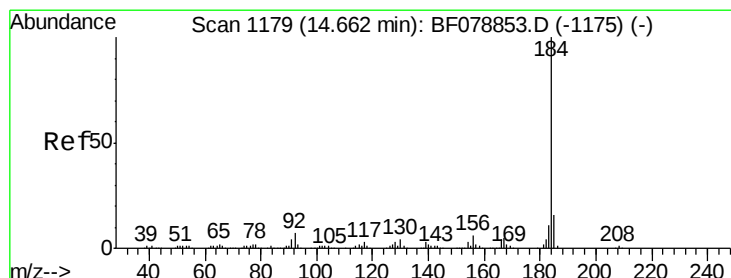
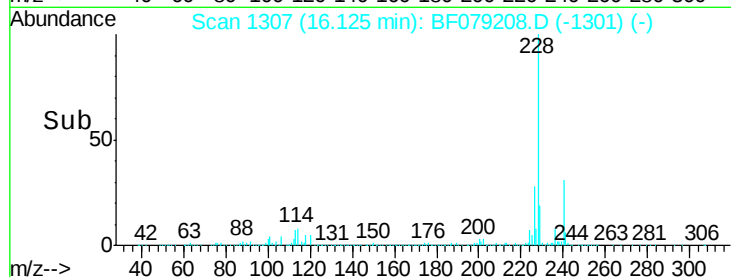
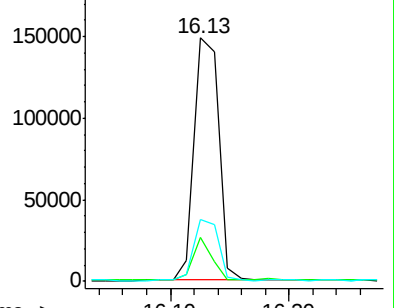
236 25.5 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.60 ng

RT: 14.51 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

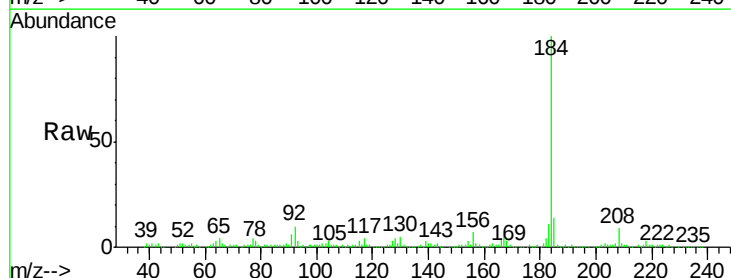
Tgt Ion:184 Resp: 273363

Ion Ratio Lower Upper

184 100

185 14.2 12.3 18.5

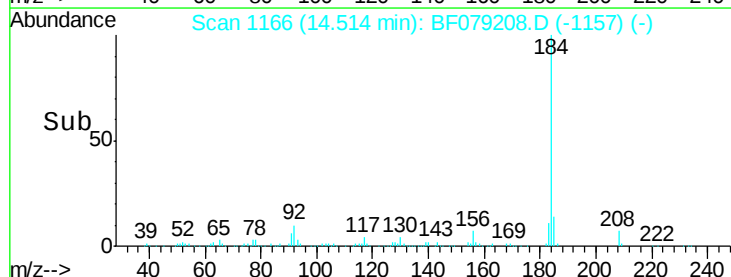
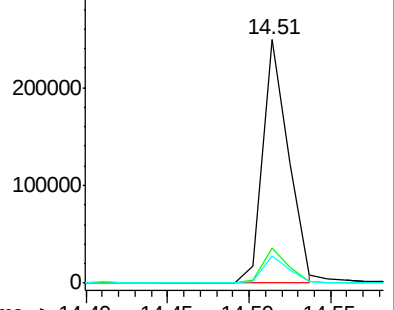
183 11.3 8.4 12.6

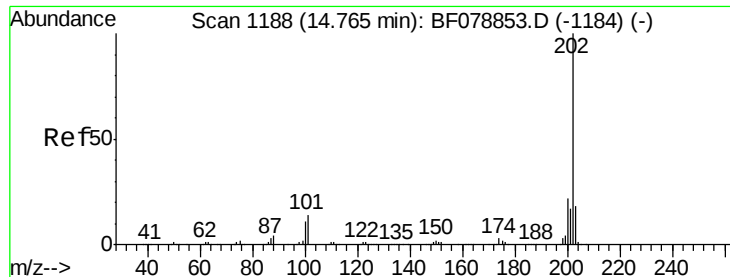


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

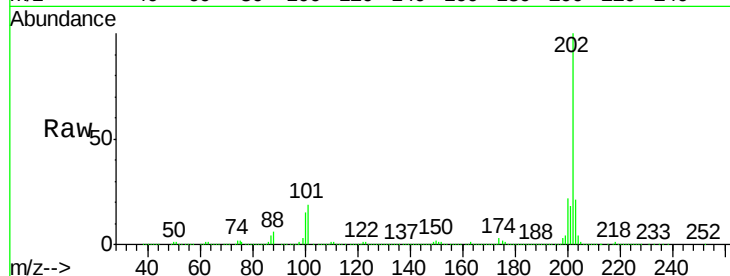




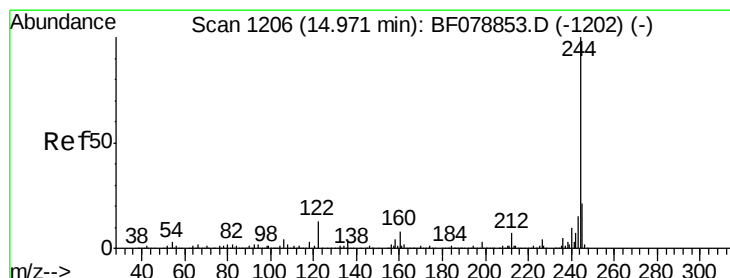
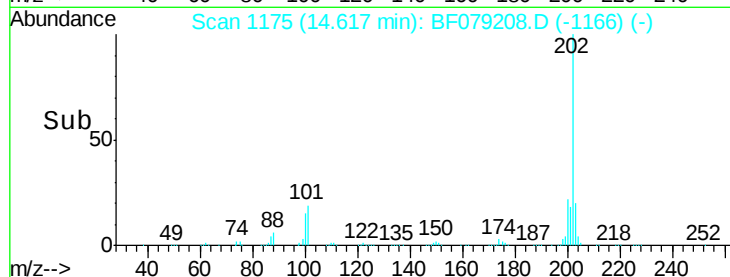
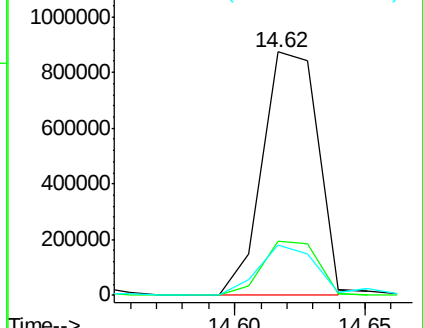
#77
 Pyrene
 Concen: 104.39 ng
 RT: 14.62 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMS

Tgt Ion: 202 Resp: 1281925
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.5 26.3
 203 20.7 13.9 20.9

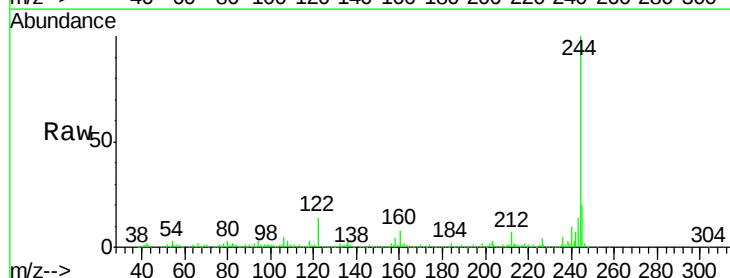


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

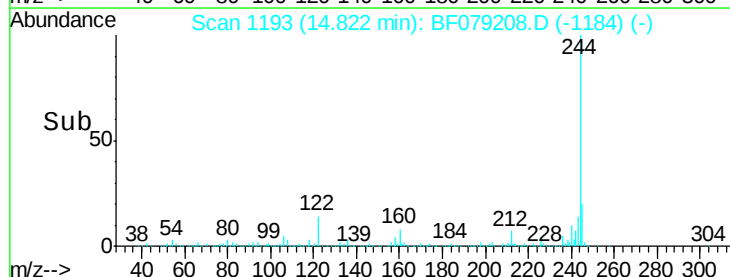
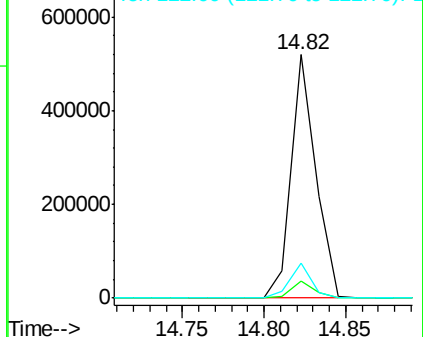


#78
 Terphenyl-d14
 Concen: 61.52 ng
 RT: 14.82 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

Tgt Ion: 244 Resp: 547569
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 14.5 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

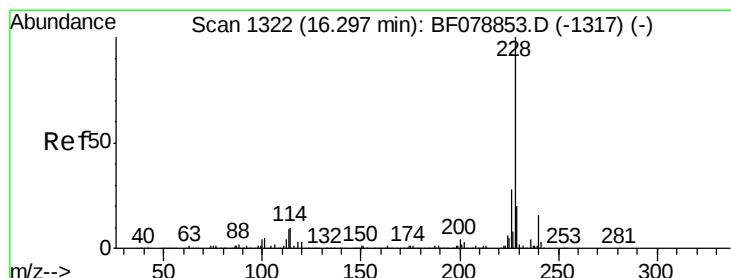
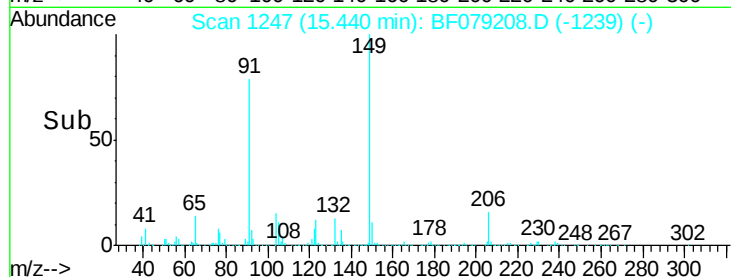
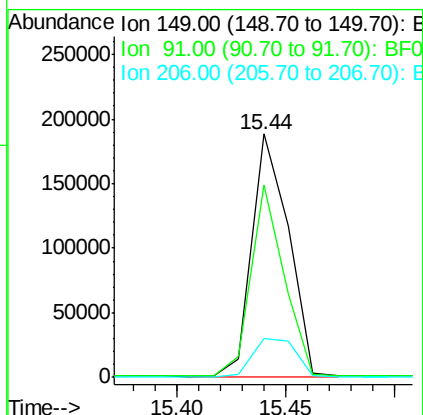
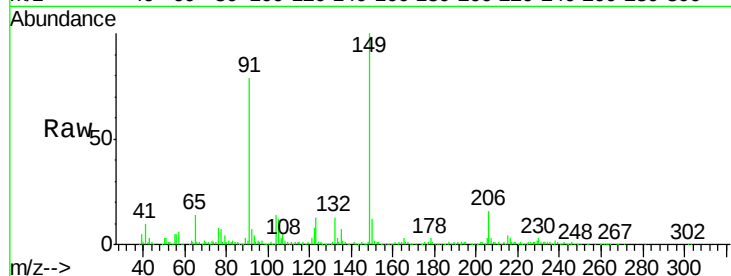




#79
Butylbenzylphthalate
Concen: 40.93 ng
RT: 15.44 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF079208.D
Acq: 13 May 2015 22:10

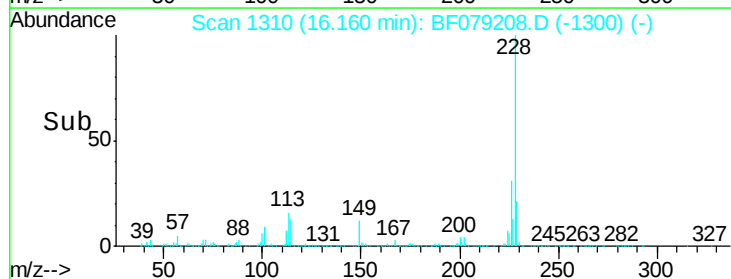
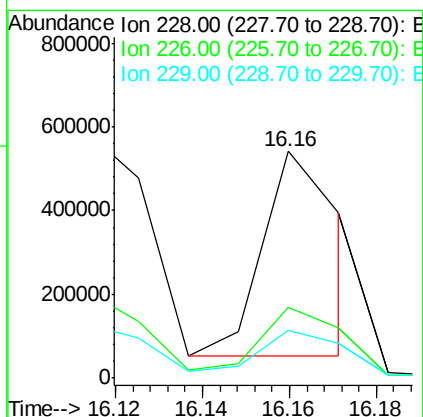
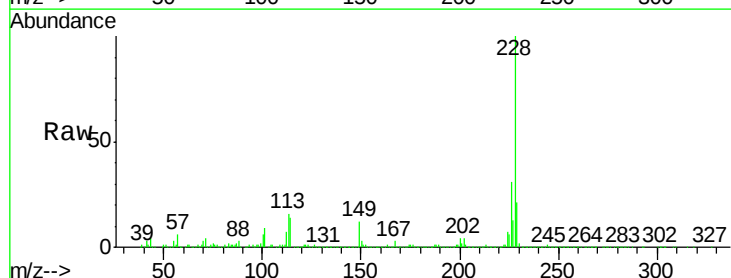
Instrument :
BNA_F
ClientSampleId :
SB-41DMS

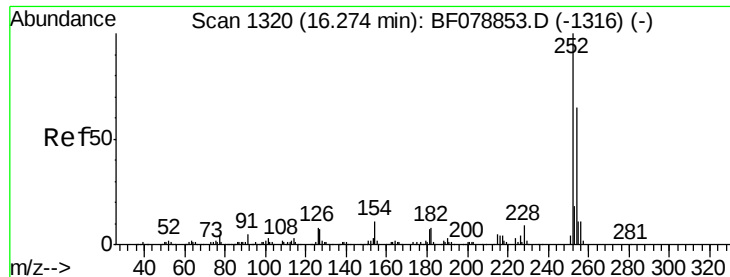
Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.1	64.6	97.0
206	15.8	12.2	18.4



#80
Benzo(a)anthracene
Concen: 52.44 ng
RT: 16.16 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF079208.D
Acq: 13 May 2015 22:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	21.4	15.9	23.9

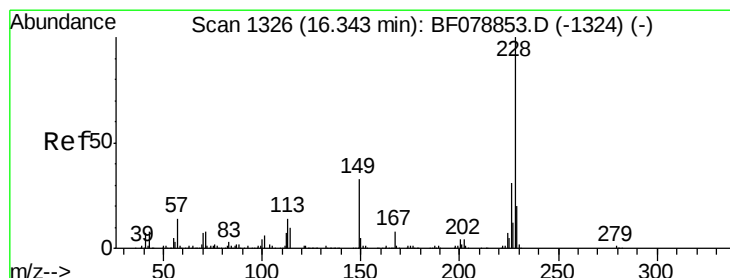
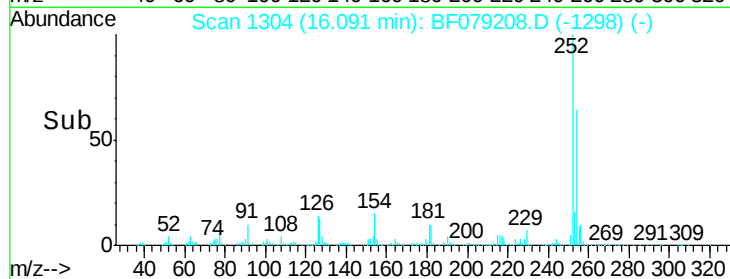
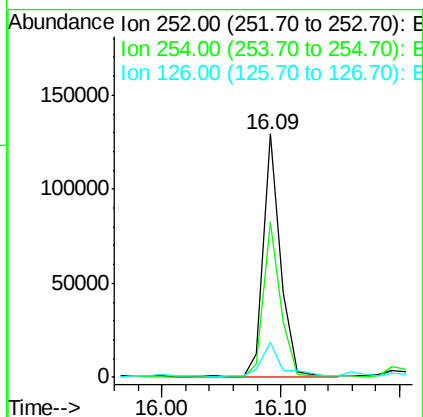
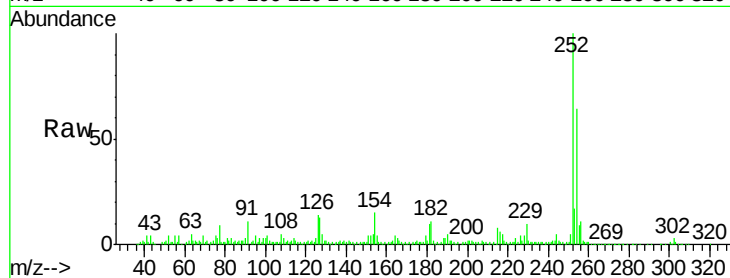




#81
 3,3'-Dichlorobenzidine
 Concen: 31.57 ng
 RT: 16.09 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

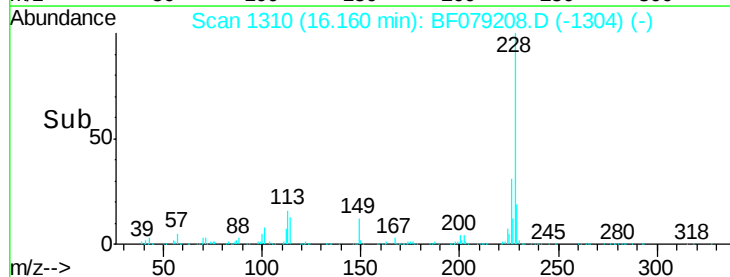
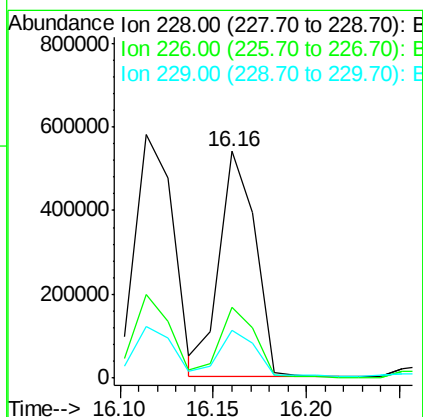
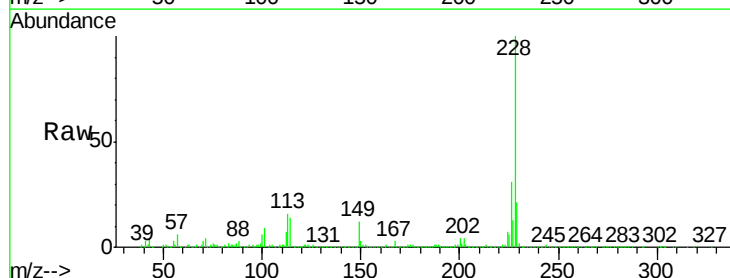
Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMS

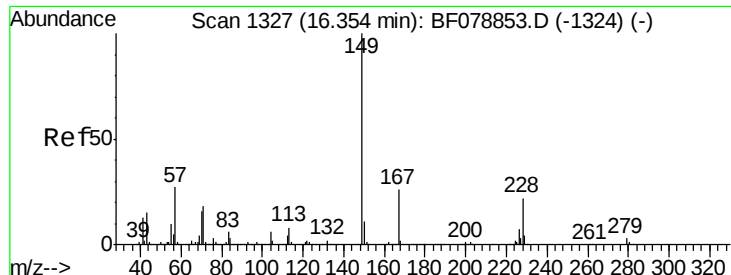
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.3	76.9
126	14.2	6.6	10.0



#82
 Chrysene
 Concen: 64.48 ng
 RT: 16.16 min Scan# 1310
 Delta R.T. -0.03 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	21.4	16.0	24.0

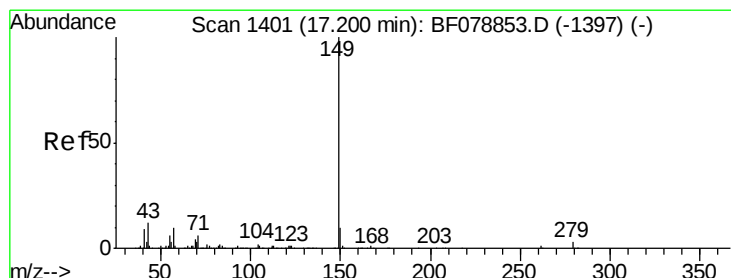
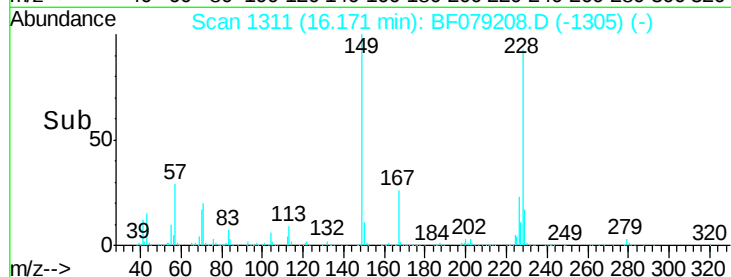
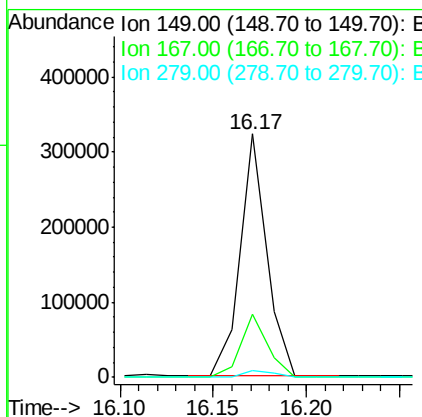
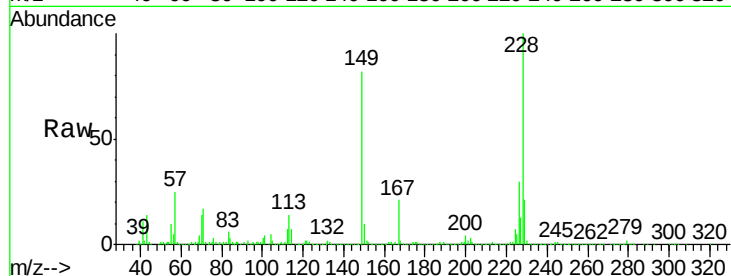




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.91 ng
 RT: 16.17 min Scan# 1311
 Delta R.T. -0.03 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

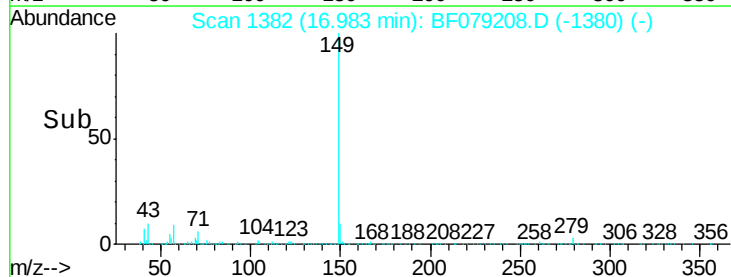
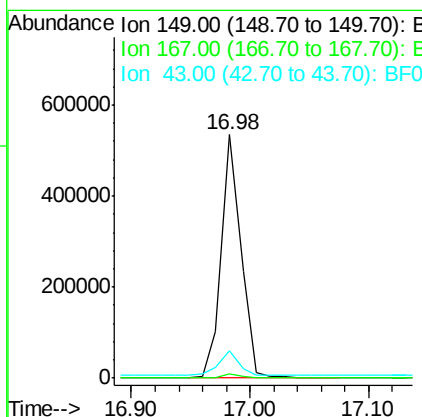
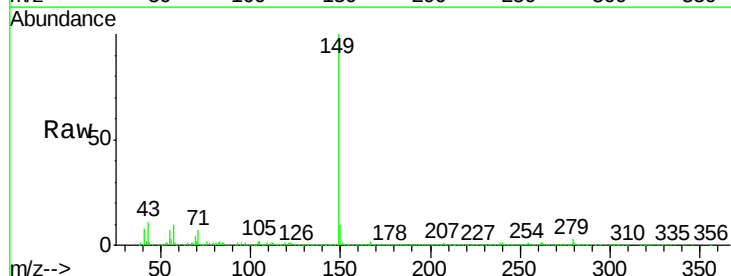
Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMS

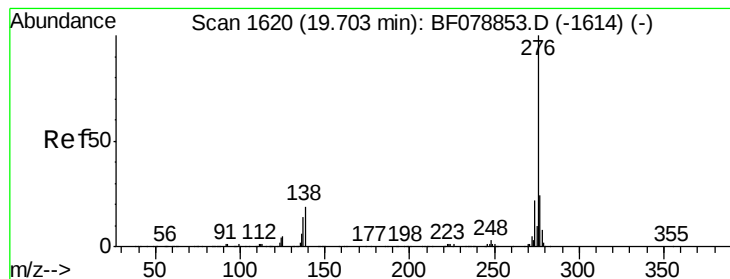
Tgt Ion:149 Resp: 324474
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.8 32.8
 279 2.7 2.9 4.3#



#84
 Di-n-octyl phthalate
 Concen: 42.21 ng
 RT: 16.98 min Scan# 1382
 Delta R.T. -0.08 min
 Lab File: BF079208.D
 Acq: 13 May 2015 22:10

Tgt Ion:149 Resp: 604413
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 9.8 0.0 0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 54.42 ng

RT: 19.36 min Scan# 1590

Delta R.T. -0.13 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

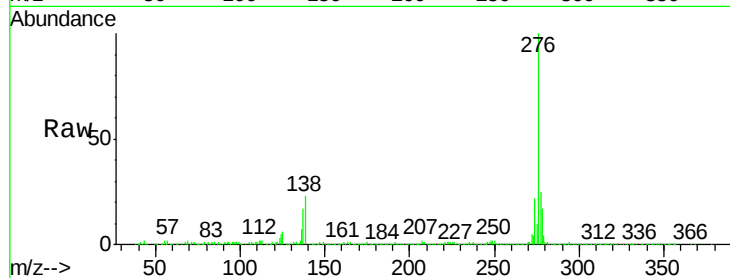
Tgt Ion:276 Resp: 778173

Ion Ratio Lower Upper

276 100

138 28.0 0.0 0.0#

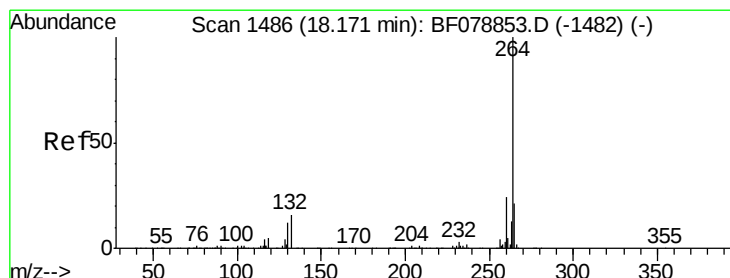
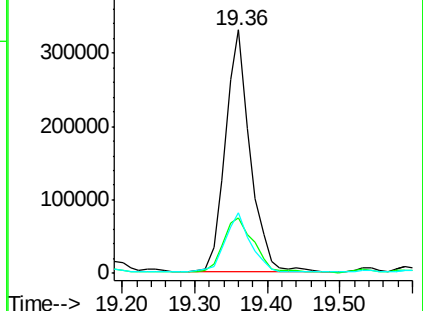
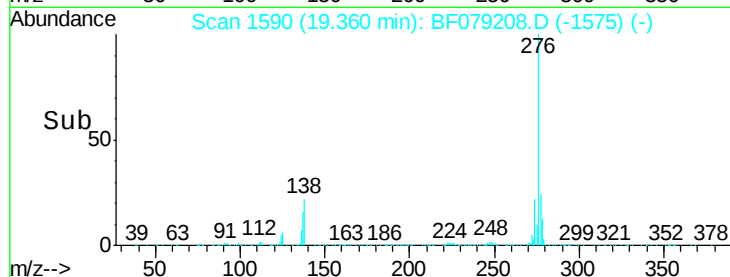
277 24.5 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.91 min Scan# 1463

Delta R.T. -0.11 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

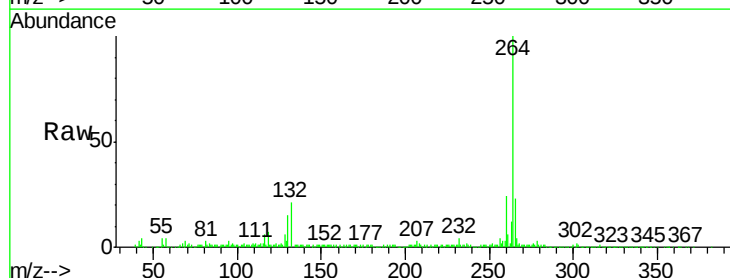
Tgt Ion:264 Resp: 246015

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

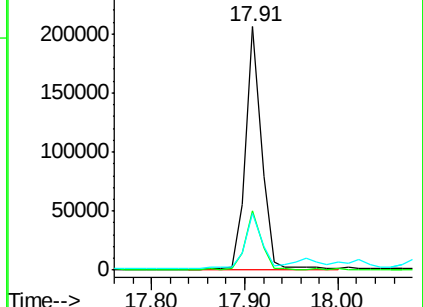
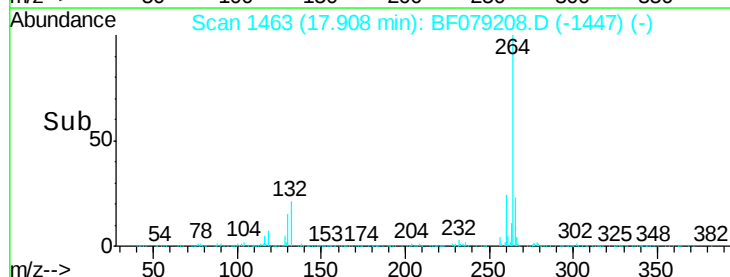
265 23.4 18.3 27.5

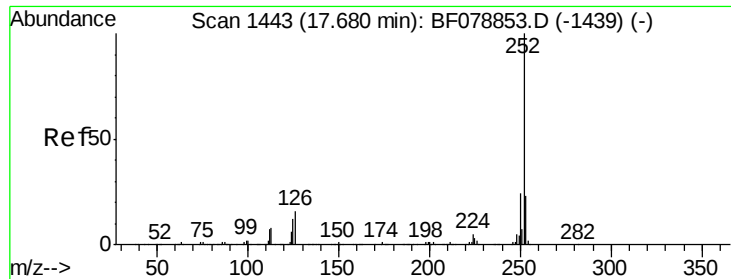


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 69.44 ng

RT: 17.45 min Scan# 1423

Delta R.T. -0.08 min

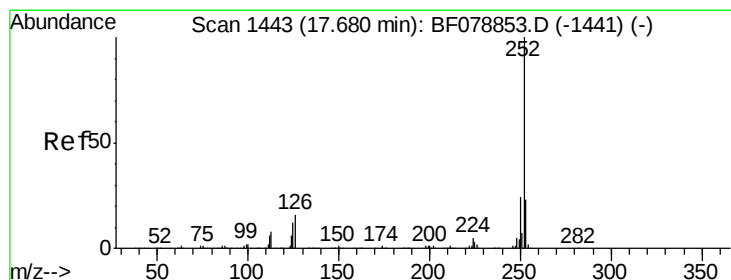
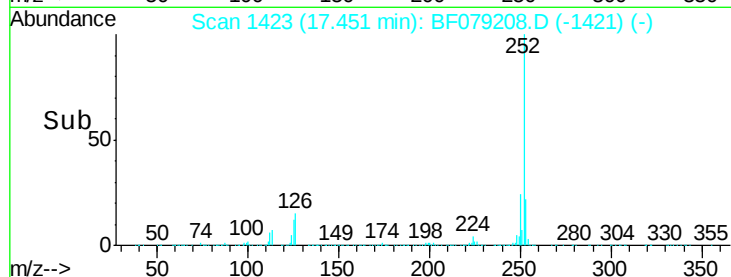
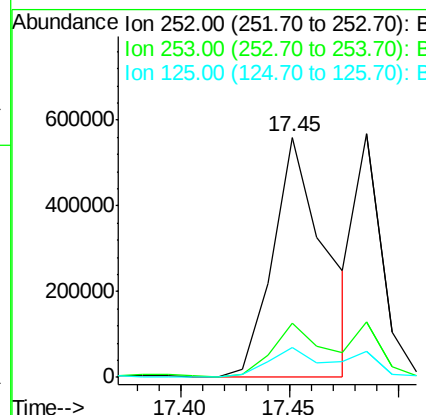
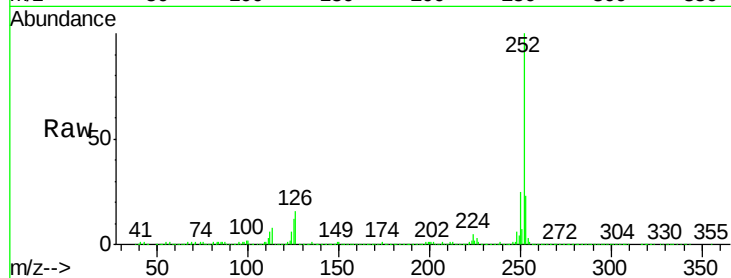
Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :
BNA_F
ClientSampleId :
SB-41DMS

Tgt Ion:252 Resp: 935036

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	12.2	9.5	14.3



#88

Benzo(k)fluoranthene

Concen: 107.51 ng

RT: 17.49 min Scan# 1426

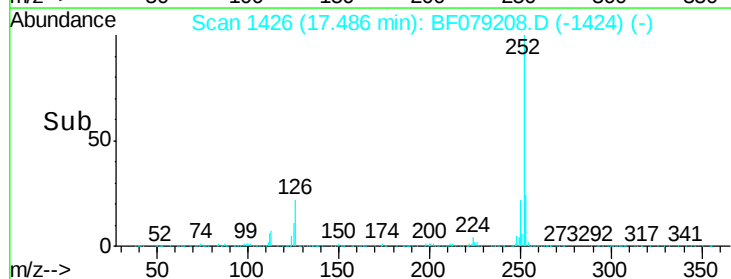
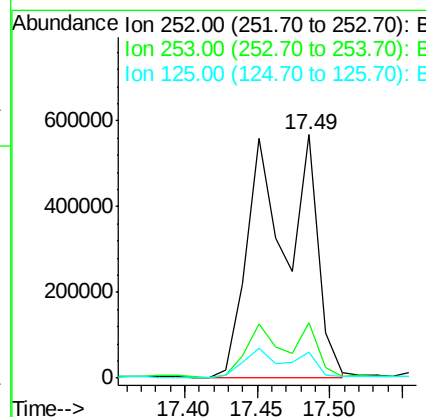
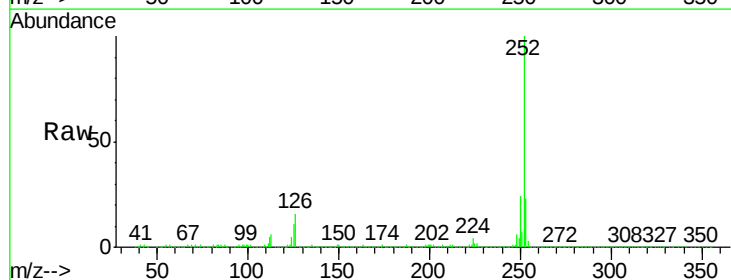
Delta R.T. -0.08 min

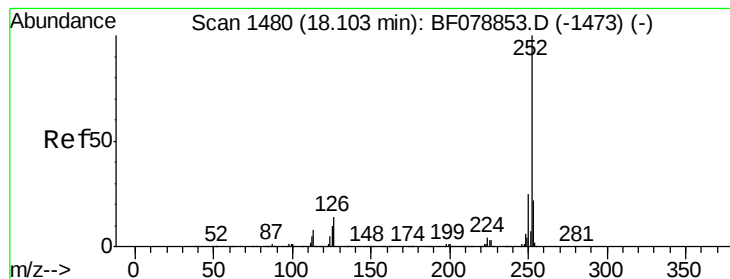
Lab File: BF079208.D

Acq: 13 May 2015 22:10

Tgt Ion:252 Resp: 1401443

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	10.6	10.0	15.0

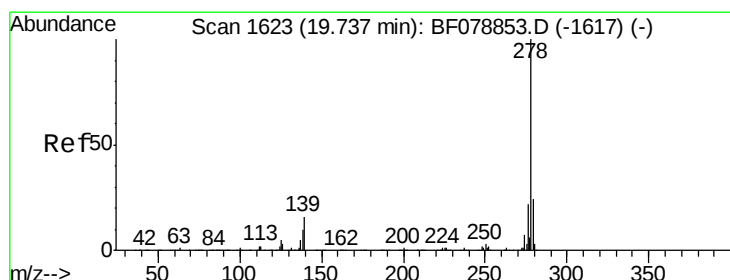
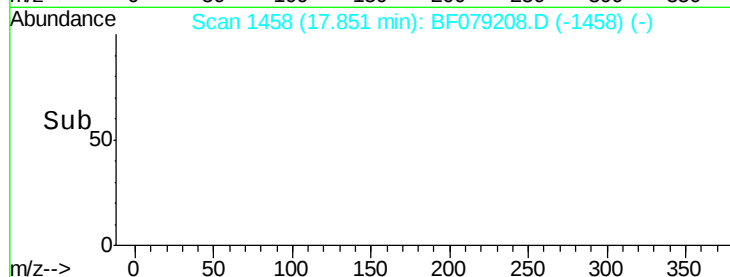
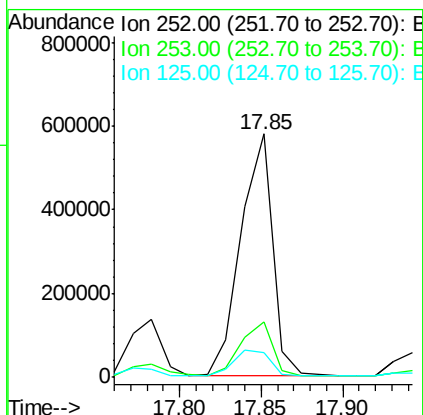
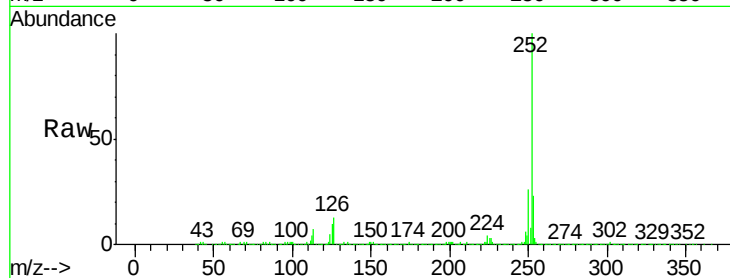




#89
Benzo(a)pyrene
Concen: 62.67 ng
RT: 17.85 min Scan# 1458
Delta R.T. -0.10 min
Lab File: BF079208.D
Acq: 13 May 2015 22:10

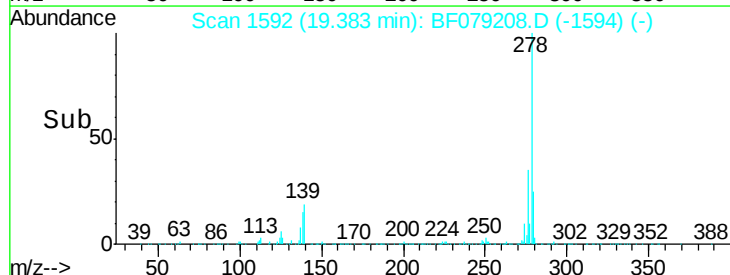
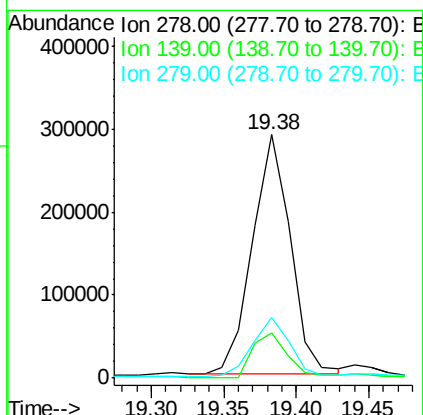
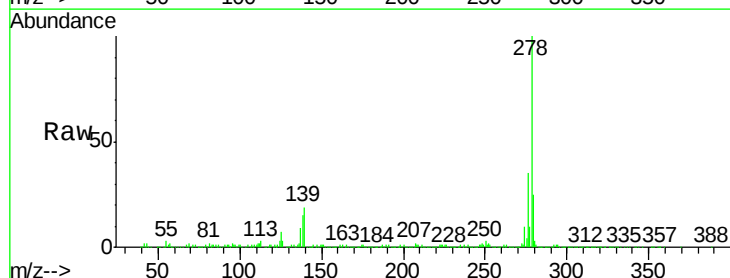
Instrument :
BNA_F
ClientSampleId :
SB-41DMS

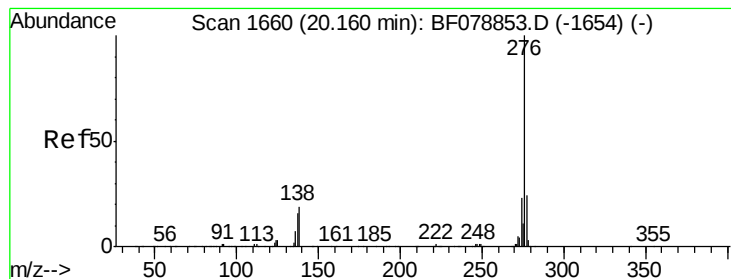
Tgt Ion: 252 Resp: 777023
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 10.0 7.0 10.6



#90
Dibenzo(a,h)anthracene
Concen: 40.04 ng
RT: 19.38 min Scan# 1592
Delta R.T. -0.13 min
Lab File: BF079208.D
Acq: 13 May 2015 22:10

Tgt Ion: 278 Resp: 527670
Ion Ratio Lower Upper
278 100
139 18.7 12.8 19.2
279 24.9 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 49.93 ng

RT: 19.78 min Scan# 1627

Delta R.T. -0.13 min

Lab File: BF079208.D

Acq: 13 May 2015 22:10

Instrument :

BNA_F

ClientSampleId :

SB-41DMS

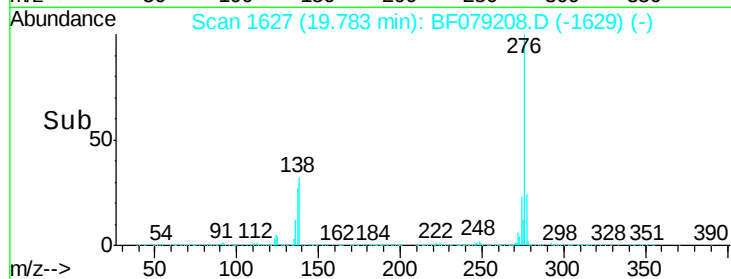
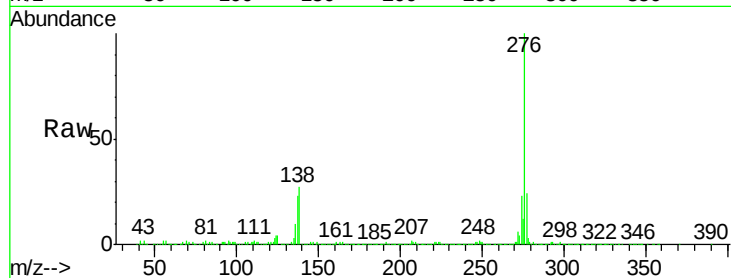
Tgt Ion:276 Resp: 659453

Ion Ratio Lower Upper

276 100

277 24.5 18.6 28.0

138 27.3 17.4 26.0#



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

