

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
 Data File : BF079195.D
 Acq On : 13 May 2015 11:50
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 13 13:28:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 13:12:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	83197	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	340883	20.00	ng	0.00
38) Acenaphthene-d10	11.04	164	171346	20.00	ng	0.00
63) Phenanthrene-d10	12.88	188	320712	20.00	ng	0.00
75) Chrysene-d12	16.19	240	329609	20.00	ng	0.02
86) Perylene-d12	18.02	264	340613	20.00	ng	0.15

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	393164	81.35	ng	0.00
7) Phenol-d6	6.86	99	533025	83.43	ng	0.01
23) Nitrobenzene-d5	7.98	82	468125	78.92	ng	0.00
41) 2,4,6-Tribromophenol	12.02	330	163805	88.37	ng	0.00
44) 2-Fluorobiphenyl	10.20	172	879597	71.52	ng	0.00
78) Terphenyl-d14	14.88	244	1087969	79.03	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.20	88	90467	43.05	ng	# 24
3) Pyridine	2.94	79	256198	41.66	ng	96
4) n-Nitrosodimethylamine	2.87	42	97702	37.08	ng	86
6) Aniline	6.87	93	360472	39.97	ng	# 24
8) 2-Chlorophenol	7.02	128	226469	41.31	ng	99
9) Benzaldehyde	6.73	77	158822	36.90	ng	90
10) Phenol	6.87	94	300229	40.51	ng	# 68
11) bis(2-Chloroethyl)ether	6.97	93	209504	38.56	ng	100
12) 1,3-Dichlorobenzene	7.21	146	253700	41.18	ng	# 91
13) 1,4-Dichlorobenzene	7.30	146	250668	39.53	ng	95
14) 1,2-Dichlorobenzene	7.48	146	235509	39.90	ng	96
15) Benzyl Alcohol	7.46	79	179912	37.94	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.64	45	337850	40.65	ng	99
17) 2-Methylphenol	7.61	107	176678	40.05	ng	98
18) Hexachloroethane	7.91	117	76670	35.10	ng	96
19) n-Nitroso-di-n-propylamine	7.80	70	169078	39.18	ng	# 82
20) 3+4-Methylphenols	7.80	107	238598	40.59	ng	# 46
22) Acetophenone	7.79	105	318263	41.33	ng	# 93
24) Nitrobenzene	8.00	77	236017	40.14	ng	96
25) Isophorone	8.30	82	441455	40.15	ng	99
26) 2-Nitrophenol	8.39	139	106204	43.64	ng	# 74
27) 2,4-Dimethylphenol	8.46	122	202131	41.51	ng	99
28) bis(2-Chloroethoxy)methane	8.58	93	270853	39.96	ng	97
29) 2,4-Dichlorophenol	8.70	162	191132	44.14	ng	96
30) 1,2,4-Trichlorobenzene	8.80	180	193718	40.73	ng	99
31) Naphthalene	8.89	128	676818	41.67	ng	100
32) Benzoic acid	8.57	122	126890	42.44	ng	93
33) 4-Chloroaniline	8.96	127	284948	41.46	ng	99
34) Hexachlorobutadiene	9.04	225	107546	39.26	ng	96
35) Caprolactam	9.40	113	63714	45.50	ng	# 87
36) 4-Chloro-3-methylphenol	9.58	107	195269	42.94	ng	# 81
37) 2-Methylnaphthalene	9.75	142	470645	41.81	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.95	216	190757	39.53	ng	# 100
40) Hexachlorocyclopentadiene	9.93	237	10521	4.34	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
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Instrument :
 BNA_F
 ClientSampleId :

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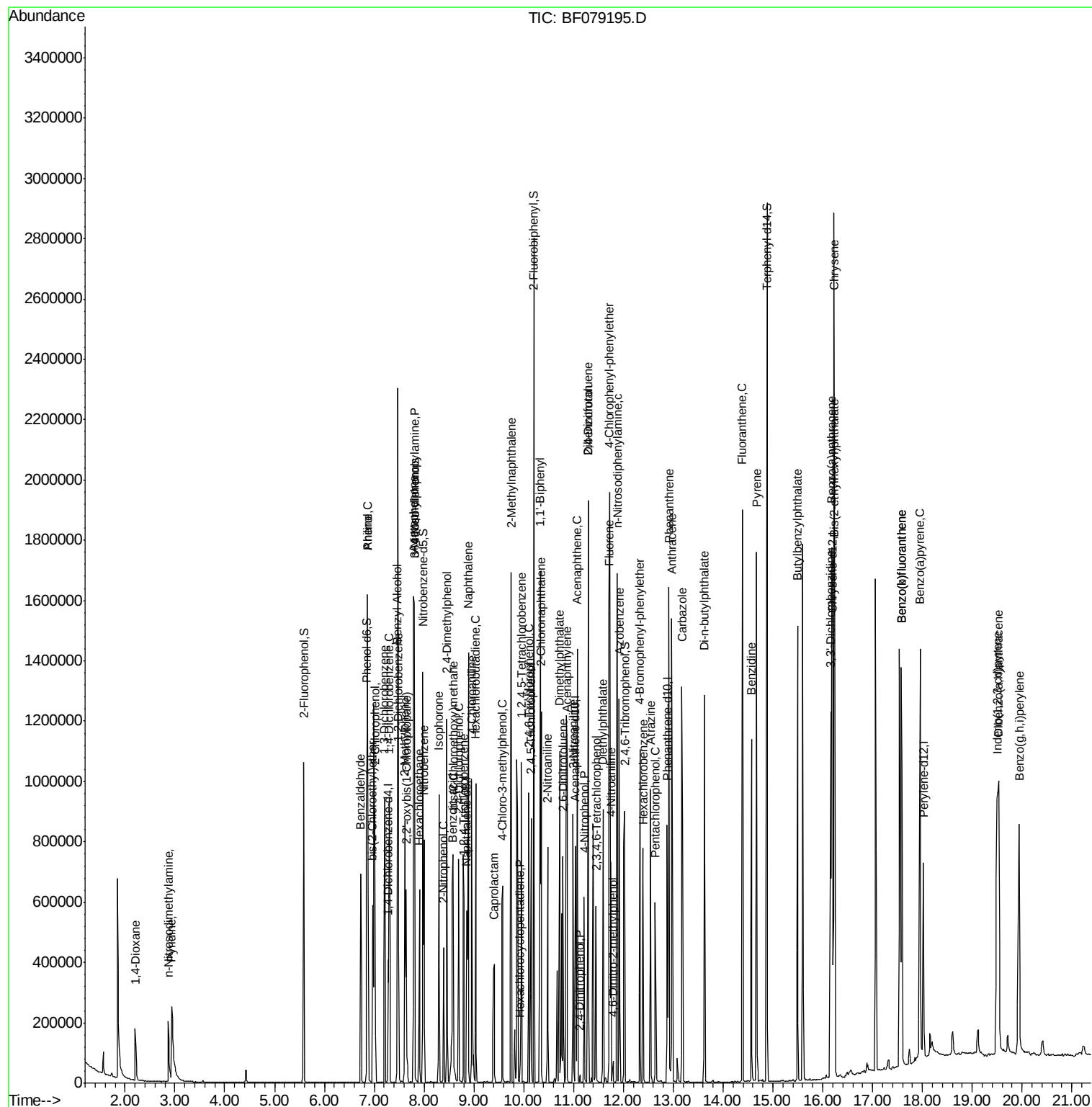
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.10	196	137284	41.38	nq	96
43) 2,4,5-Trichlorophenol	10.15	196	141015	42.04	nq	# 92
45) 1,1'-Biphenyl	10.33	154	545863	40.07	nq	97
46) 2-Chloronaphthalene	10.35	162	424993	40.00	nq	94
47) 2-Nitroaniline	10.48	65	128044	41.59	nq	95
48) Acenaphthylene	10.87	152	695384	39.86	nq	98
49) Dimethylphthalate	10.72	163	502135	39.93	nq	100
50) 2,6-Dinitrotoluene	10.79	165	96134	38.74	nq	92
51) Acenaphthene	11.07	154	380740	36.60	nq	98
52) 3-Nitroaniline	10.99	138	140890	45.45	nq	# 92
53) 2,4-Dinitrophenol	11.13	184	4081	9.44	nq	# 83
54) Dibenzofuran	11.29	168	559871	37.26	nq	99
55) 4-Nitrophenol	11.21	139	95455	38.90	nq	85
56) 2,4-Dinitrotoluene	11.29	165	131566	40.10	nq	# 74
57) Fluorene	11.71	166	463291	37.56	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.45	232	105477	38.48	nq	# 100
59) Diethylphthalate	11.59	149	474309	38.07	nq	96
60) 4-Chlorophenyl-phenylether	11.73	204	207126	37.85	nq	99
61) 4-Nitroaniline	11.75	138	133372	43.00	nq	92
62) Azobenzene	11.92	77	480353	39.13	nq	97
64) 4,6-Dinitro-2-methylphenol	11.79	198	11138	12.31	nq	# 68
65) n-Nitrosodiphenylamine	11.87	169	426205	39.90	nq	99
66) 4-Bromophenyl-phenylether	12.33	248	139372	41.69	nq	98
67) Hexachlorobenzene	12.40	284	158263	41.42	nq	# 76
68) Atrazine	12.55	200	122358	39.40	nq	98
69) Pentachlorophenol	12.64	266	81024	39.99	nq	97
70) Phenanthrene	12.91	178	728415	40.60	nq	100
71) Anthracene	12.97	178	732887	41.64	nq	100
72) Carbazole	13.18	167	703877	41.96	nq	98
73) Di-n-butylphthalate	13.62	149	859847	42.74	nq	99
74) Fluoranthene	14.39	202	790894	42.30	nq	98
76) Benzidine	14.57	184	482889	54.36	nq	98
77) Pyrene	14.67	202	851622	44.84	nq	99
79) Butylbenzylphthalate	15.50	149	379898	45.76	nq	89
80) Benzo(a)anthracene	16.18	228	755971	41.88	nq	100
81) 3,3'-Dichlorobenzidine	16.16	252	301548	46.90	nq	# 98
82) Chrysene	16.23	228	669106	38.54	nq	99
83) Bis(2-ethylhexyl)phthalate	16.24	149	528975	42.06	nq	99
85) Indeno(1,2,3-cd)pyrene	19.50	276	815138	36.85	nq	# 100
87) Benzo(b)fluoranthene	17.58	252	676615	36.29	nq	98
88) Benzo(k)fluoranthene	17.58	252	677911	37.56	nq	99
89) Benzo(a)pyrene	17.95	252	689515	40.17	nq	# 97
90) Dibenzo(a,h)anthracene	19.53	278	657197	36.02	nq	99
91) Benzo(g,h,i)perylene	19.94	276	668678	36.57	nq	99

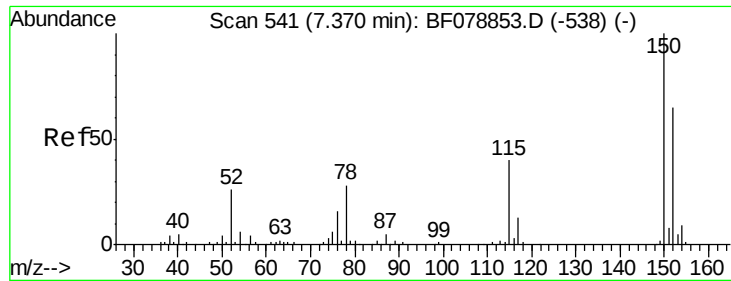
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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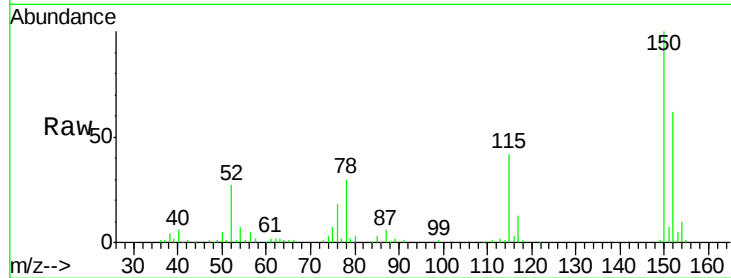


#1

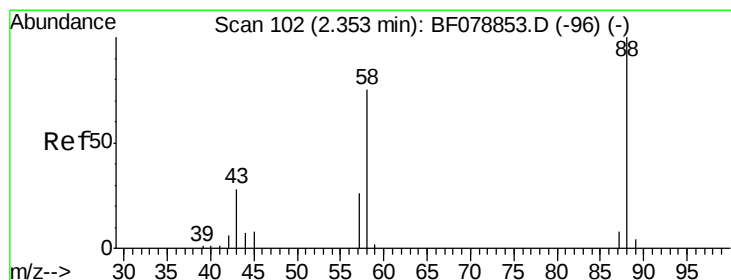
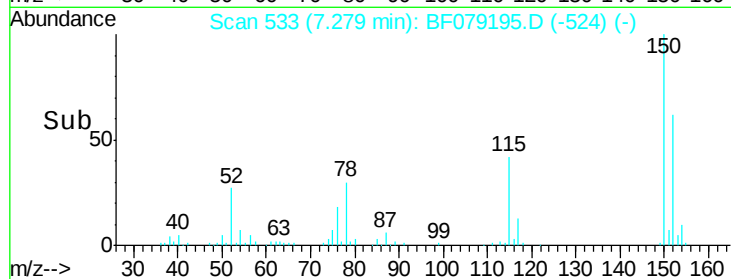
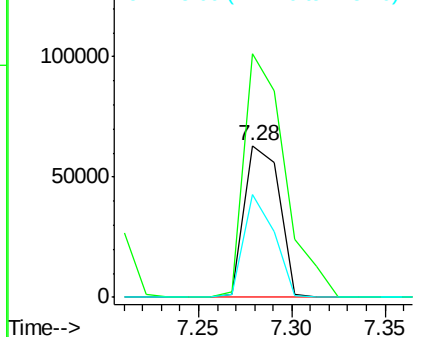
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83197
Ion Ratio Lower Upper
152 100
150 160.5 122.0 183.0
115 67.8 46.3 69.5



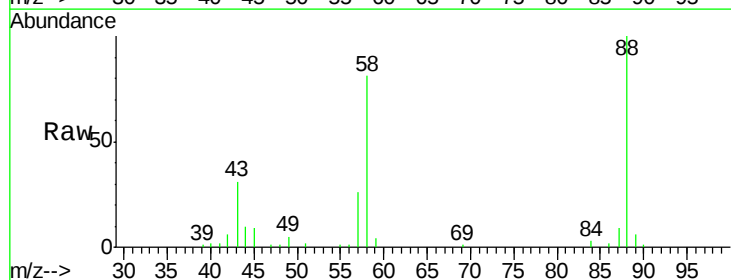
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



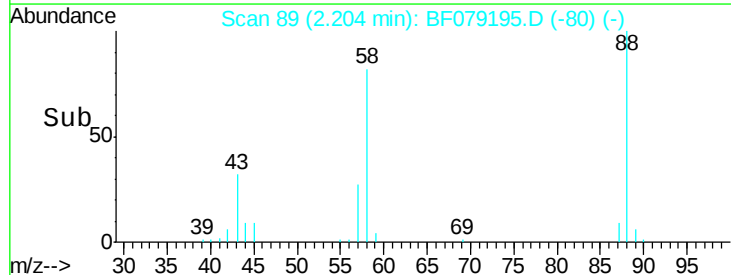
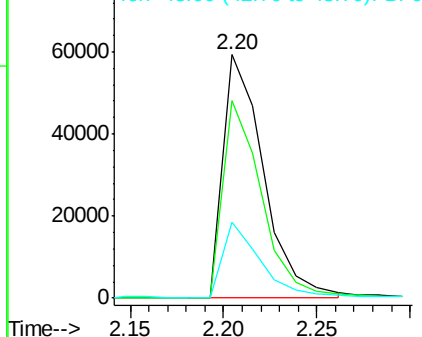
#2

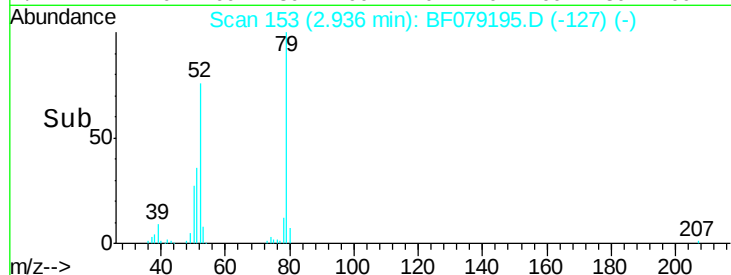
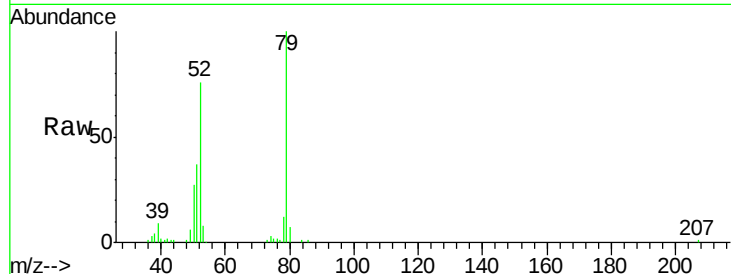
1,4-Dioxane
Concen: 43.05 ng
RT: 2.20 min Scan# 89
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Tgt Ion: 88 Resp: 90467
Ion Ratio Lower Upper
88 100
58 77.1 0.0 0.0#
43 29.2 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

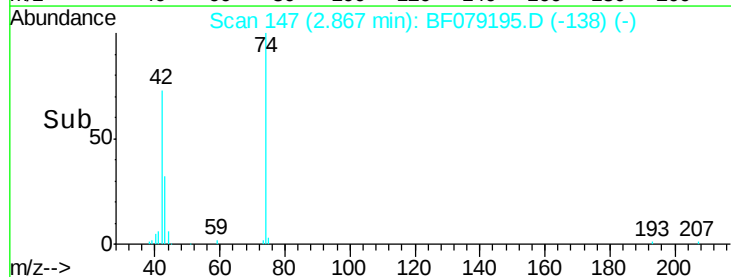
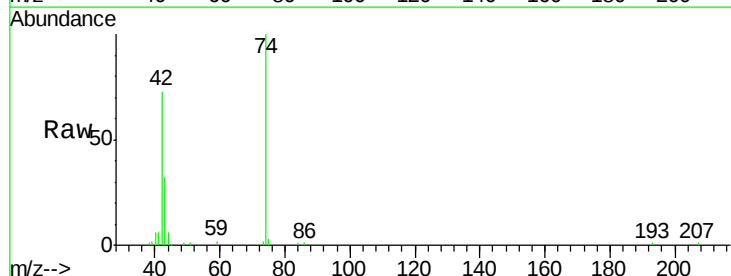
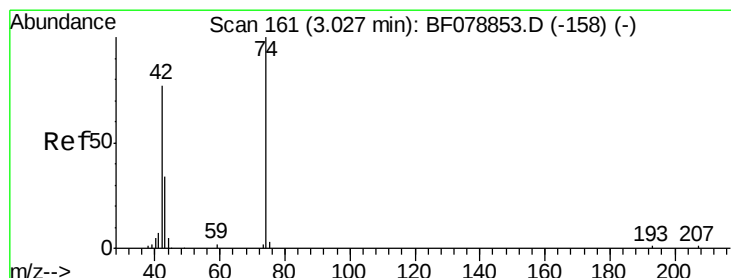
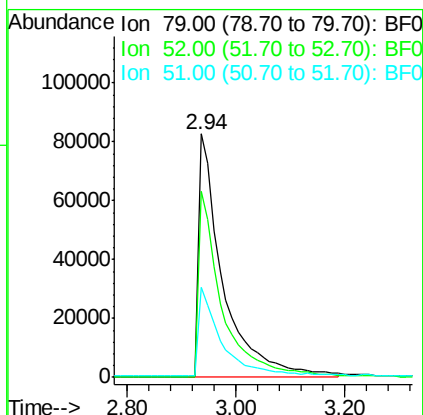




#3
 Pvridine
 Concen: 41.66 ng
 RT: 2.94 min Scan# 153
 Delta R.T. 0.00 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

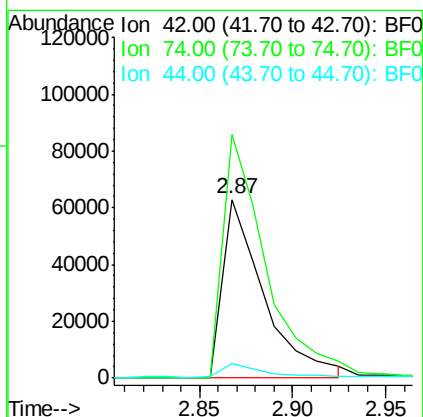
Instrument :
 BNA_F
 ClientSampleId :

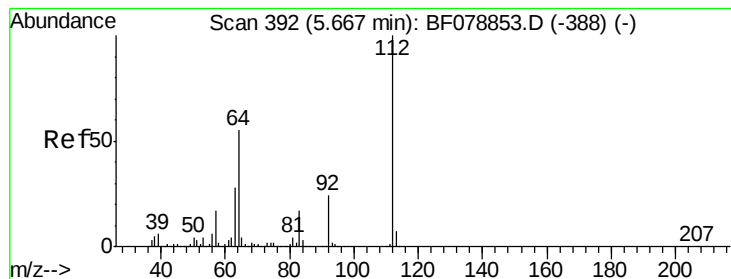
Tot Ion	79	Resp	256198
Ion Ratio	Lower	Upper	
79	100		
52	76.2	57.2	85.8
51	37.0	28.9	43.3



#4
 n-Nitrosodimethylamine
 Concen: 37.08 ng
 RT: 2.87 min Scan# 147
 Delta R.T. 0.00 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

Tgt Ion	42	Resp	97702
Ion Ratio	Lower	Upper	
42	100		
74	136.5	96.5	144.7
44	8.2	6.1	9.1





#5

2-Fluorophenol

Concen: 81.35 ng

RT: 5.59 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

Instrument :

BNA_F

ClientSampleId :

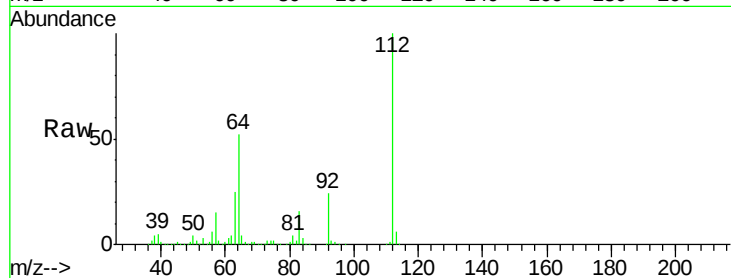
Tot Ion:112 Resp: 393164

Ion Ratio Lower Upper

112 100

64 52.2 53.5 80.3#

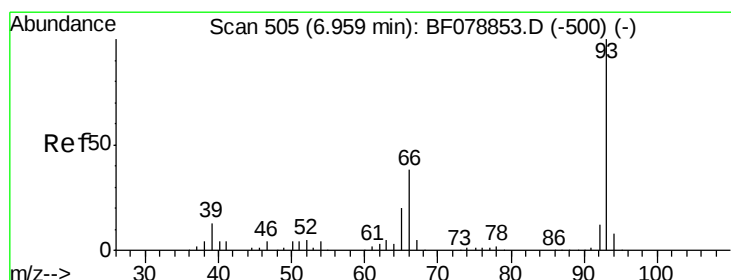
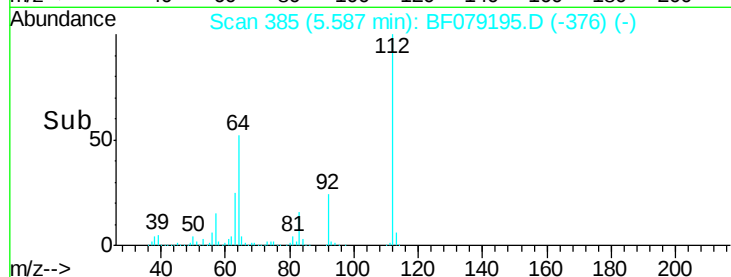
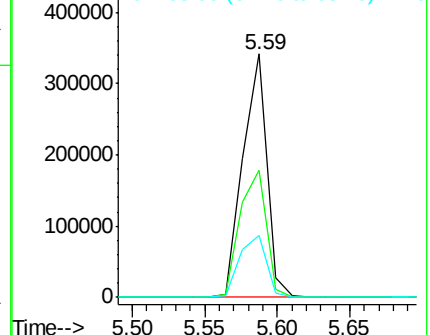
63 25.3 27.5 41.3#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.97 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

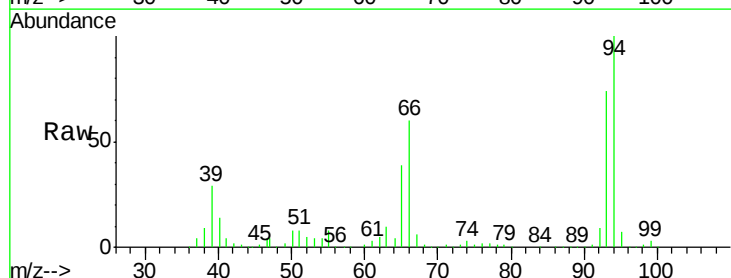
Tgt Ion: 93 Resp: 360472

Ion Ratio Lower Upper

93 100

66 82.1 29.7 44.5#

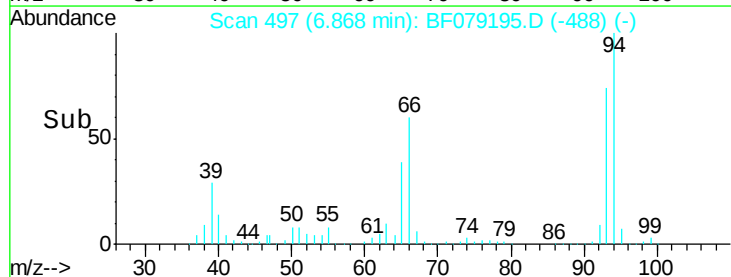
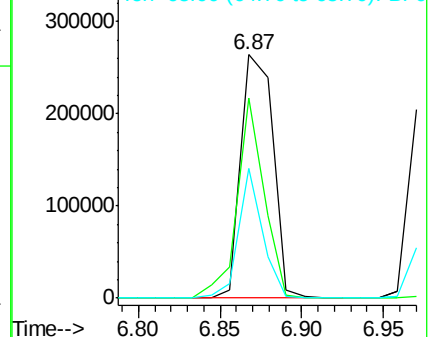
65 53.3 14.6 22.0#



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: 83.43 ng

RT: 6.86 min Scan# 496

Delta R.T. 0.01 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

Instrument :

BNA_F

ClientSampleId :

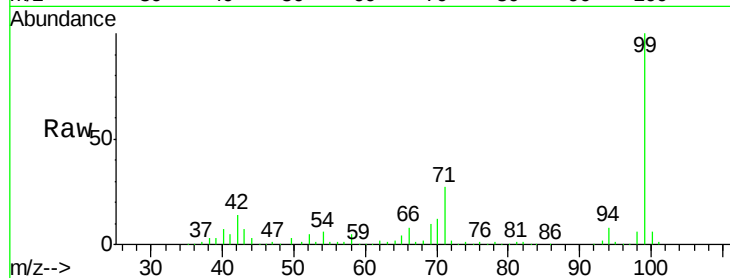
Tot Ion: 99 Resp: 533025

Ion Ratio Lower Upper

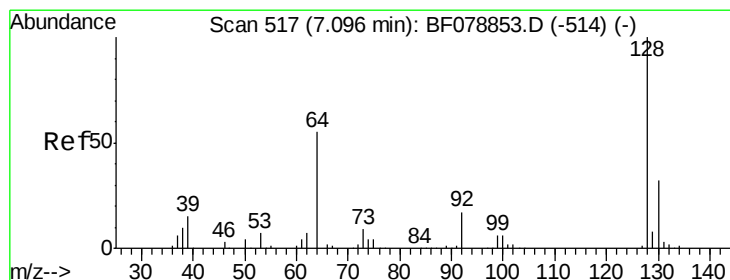
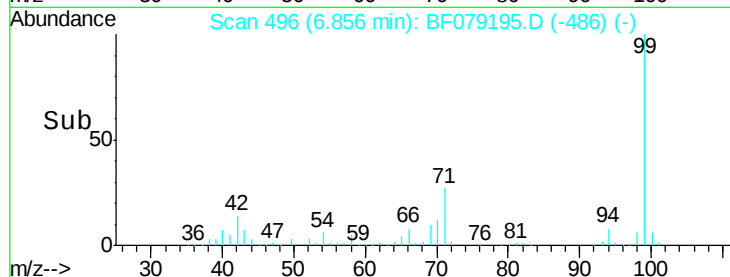
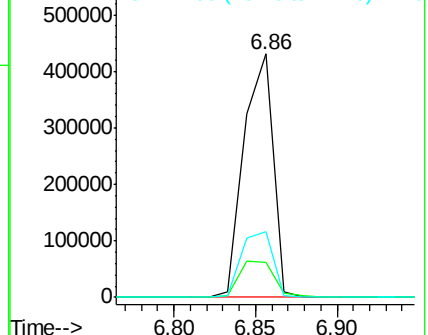
99 100

42 14.3 12.8 19.2

71 26.8 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: 41.31 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

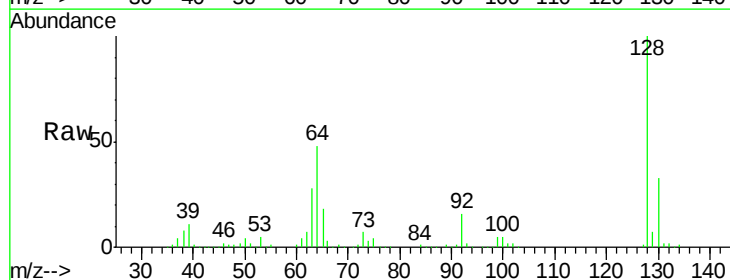
Tgt Ion: 128 Resp: 226469

Ion Ratio Lower Upper

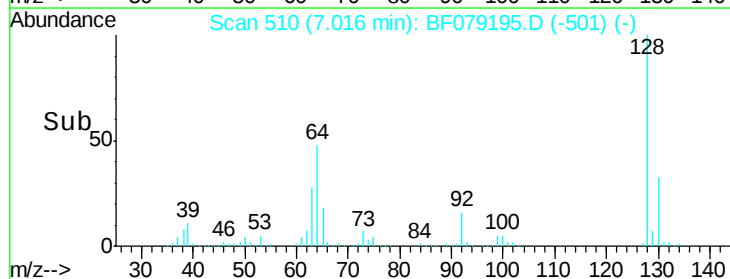
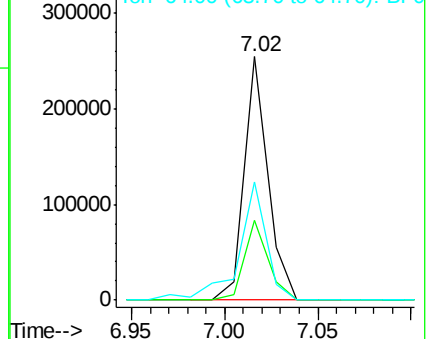
128 100

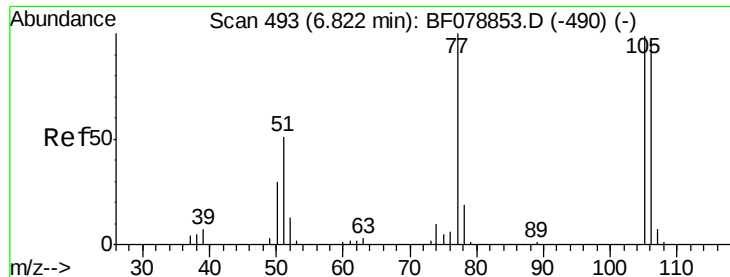
130 32.8 12.1 52.1

64 48.5 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: 36.90 ng

RT: 6.73 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

Instrument :

BNA_F

ClientSampled :

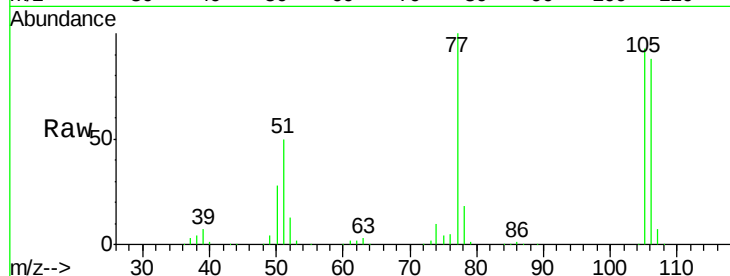
Tot Ion: 77 Resp: 158822

Ion Ratio Lower Upper

77 100

105 93.1 81.7 121.7

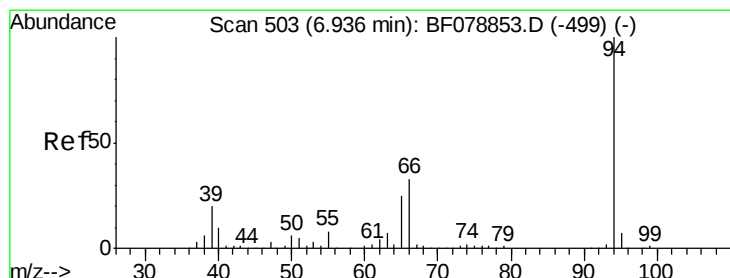
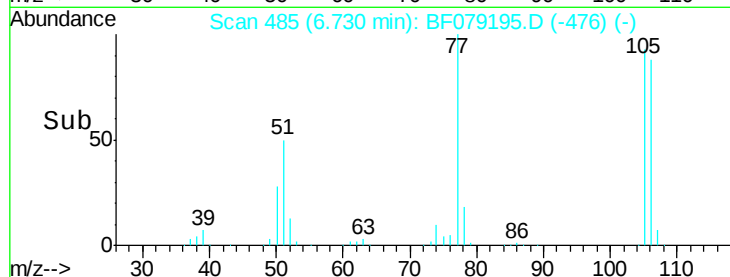
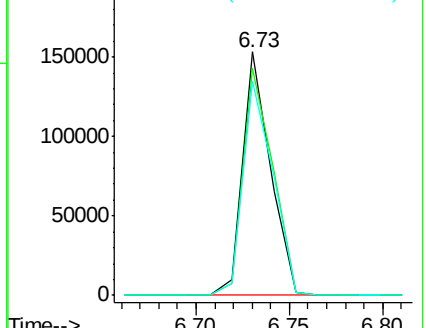
106 88.0 79.0 119.0



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: 40.51 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

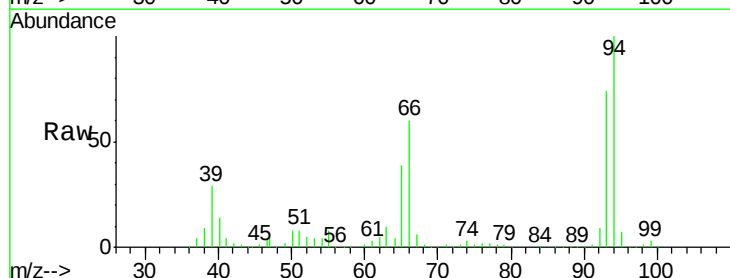
Tgt Ion: 94 Resp: 300229

Ion Ratio Lower Upper

94 100

65 39.3 8.5 48.5

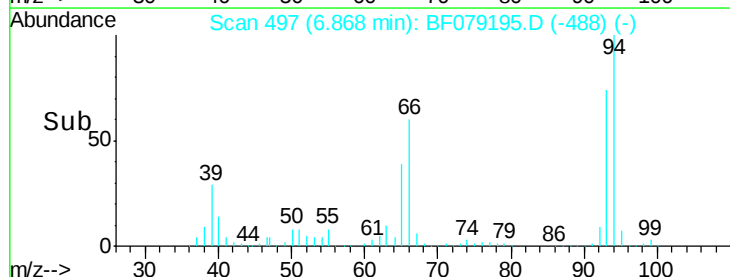
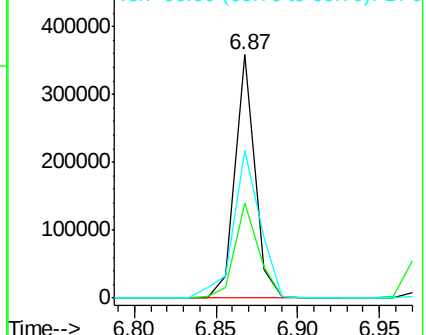
66 60.5 16.0 56.0#

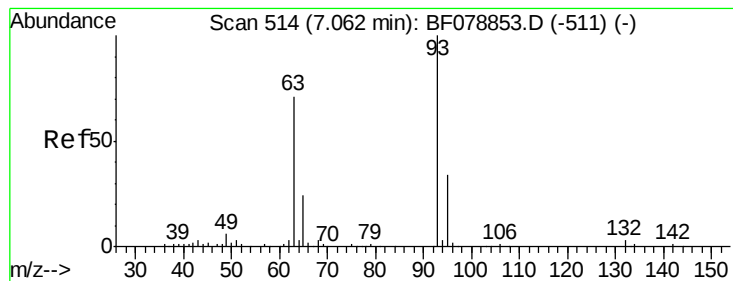


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

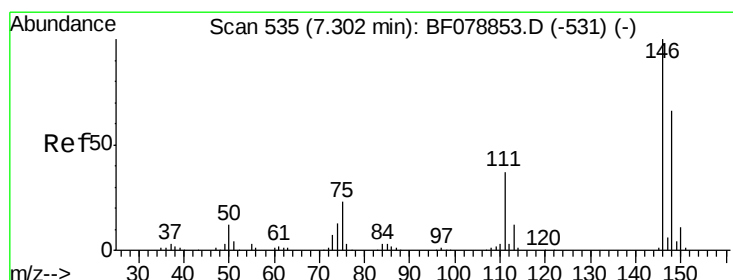
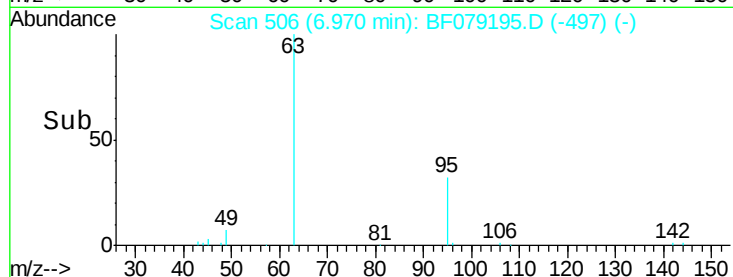
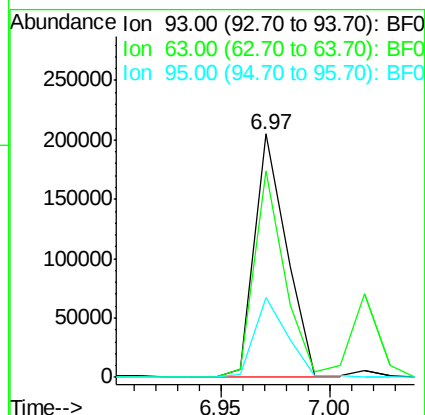
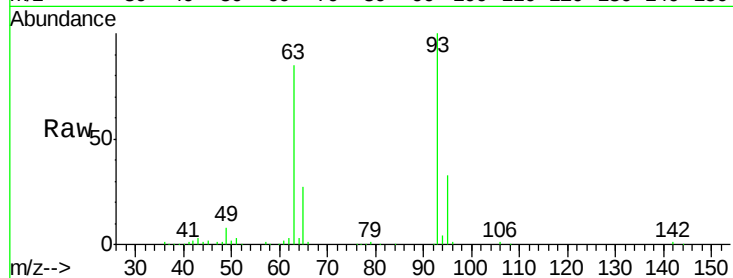




#11
bis(2-Chloroethyl)ether
Concen: 38.56 ng
RT: 6.97 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

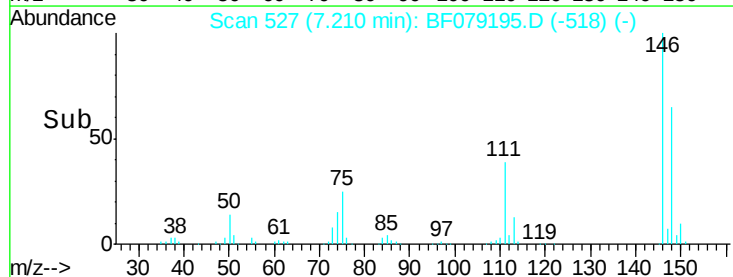
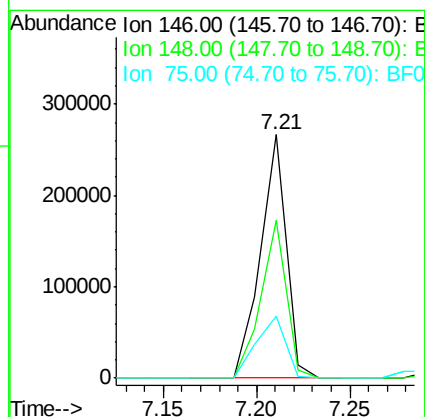
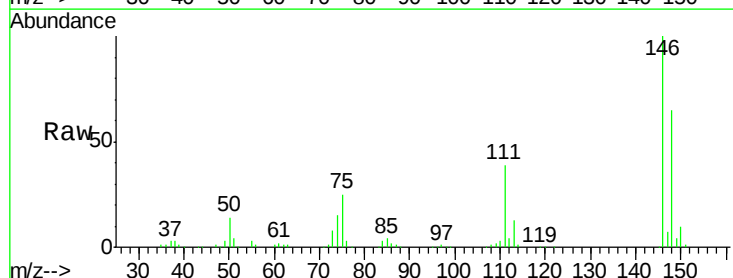
Instrument :
BNA_F
ClientSampleId :

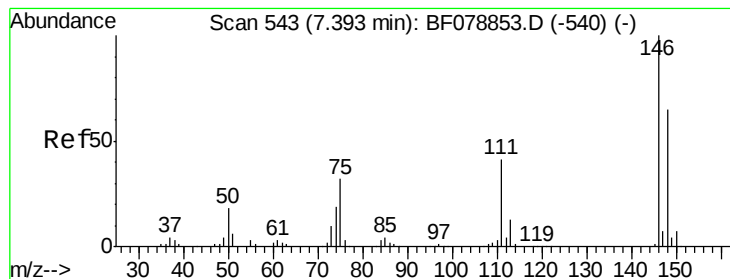
Tot Ion	Ratio	Lower	Upper
93	100		
63	84.6	64.8	104.8
95	32.7	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 41.18 ng
RT: 7.21 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.2	75.2
75	25.3	29.2	43.8





#13

1,4-Dichlorobenzene

Concen: 39.53 ng

RT: 7.30 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

Instrument :

BNA_F

ClientSampleId :

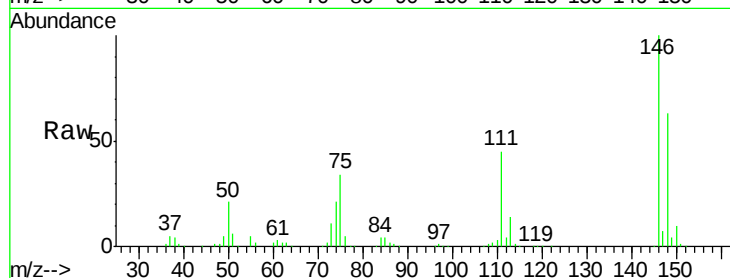
Tot Ion:146 Resp: 250668

Ion Ratio Lower Upper

146 100

148 63.0 52.8 79.2

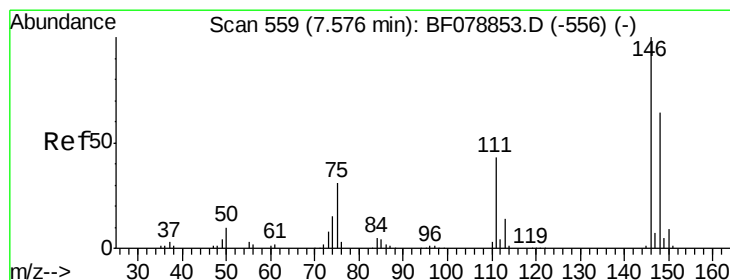
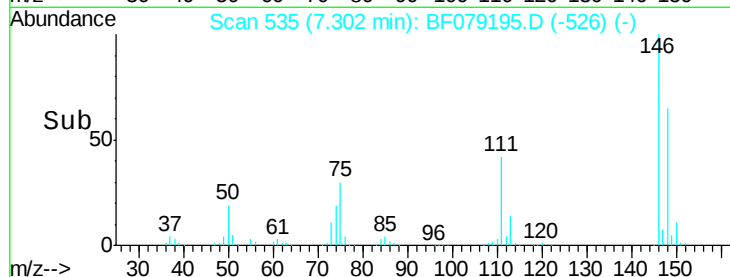
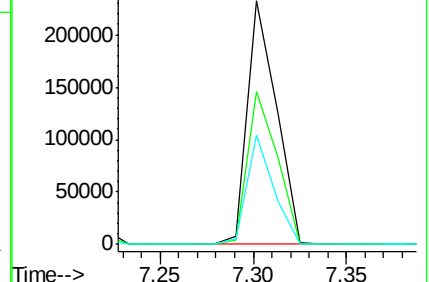
111 44.7 31.7 47.5



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: 39.90 ng

RT: 7.48 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

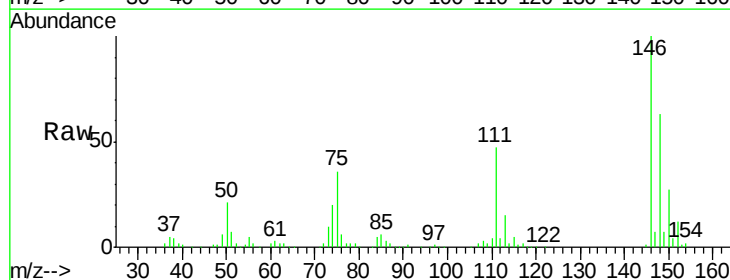
Tgt Ion:146 Resp: 235509

Ion Ratio Lower Upper

146 100

148 63.3 51.2 76.8

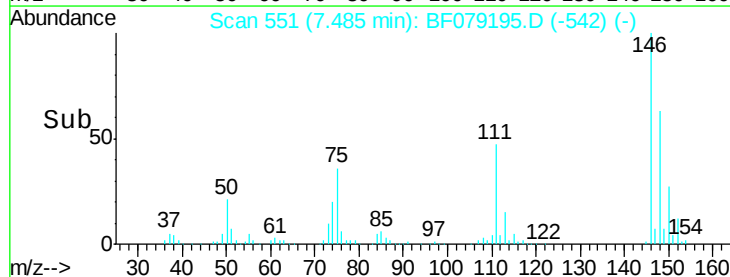
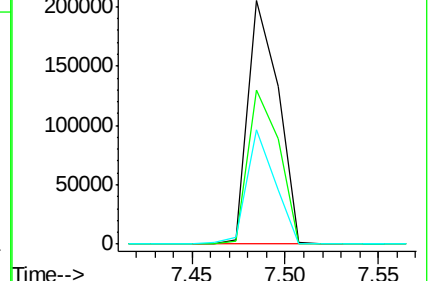
111 47.0 33.3 49.9



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: 37.94 ng

RT: 7.46 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

Instrument :

BNA_F

ClientSampled :

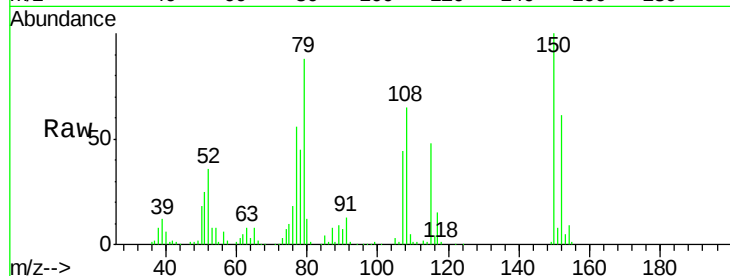
Tot Ion: 79 Resp: 179912

Ion Ratio Lower Upper

79 100

108 73.6 62.5 93.7

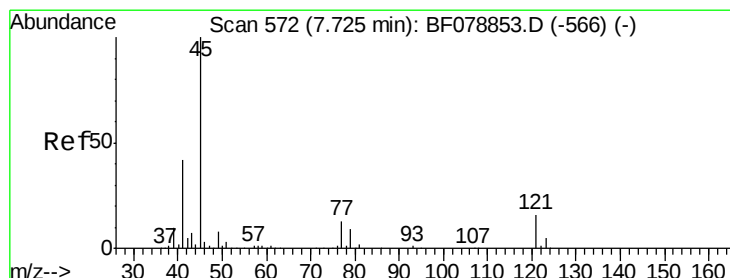
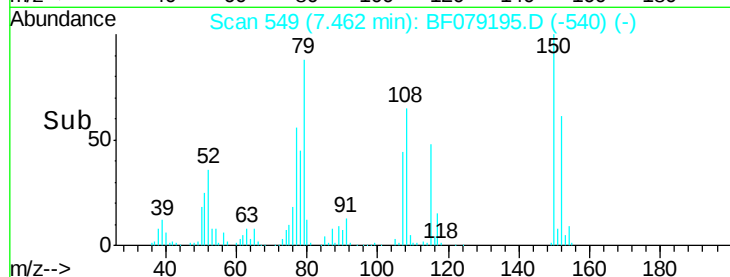
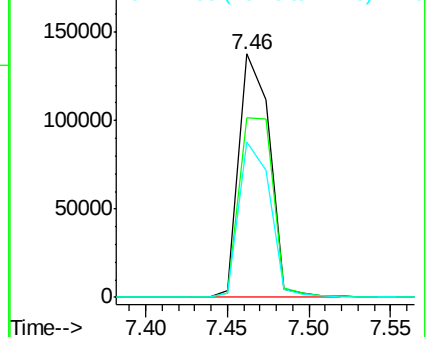
77 63.8 52.2 78.4



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: 40.65 ng

RT: 7.64 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

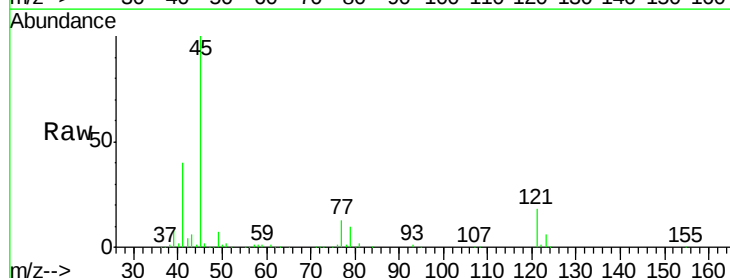
Tgt Ion: 45 Resp: 337850

Ion Ratio Lower Upper

45 100

77 13.0 0.0 32.3

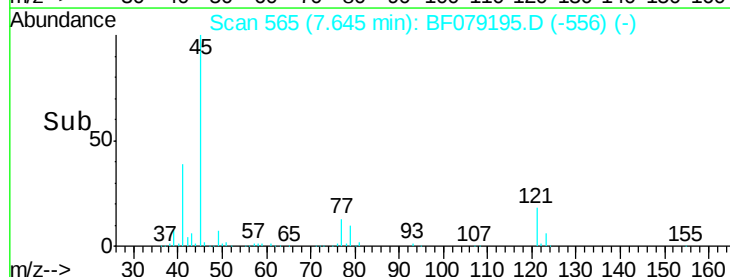
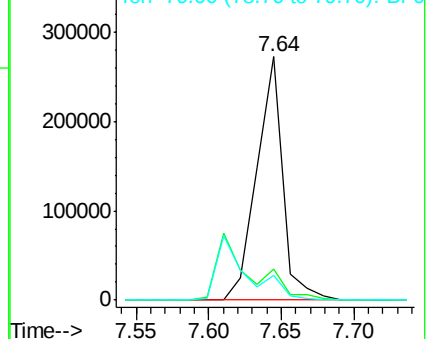
79 10.2 0.0 30.1

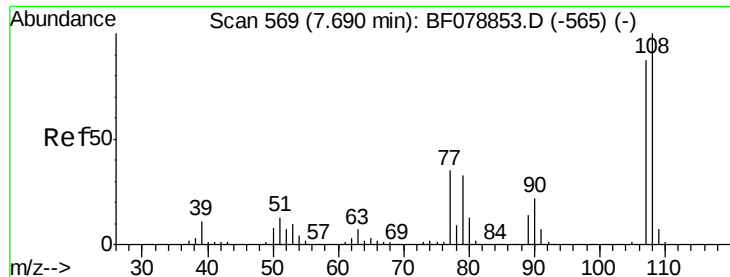


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

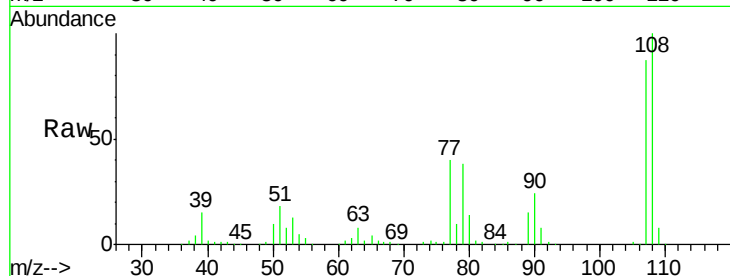




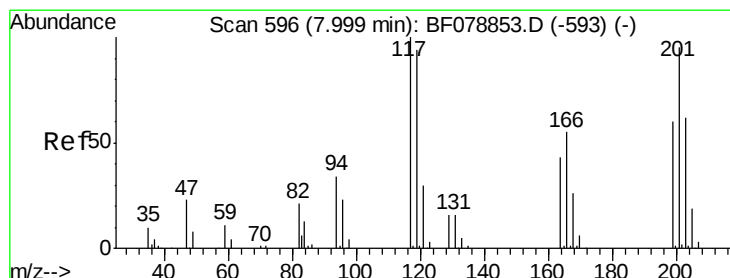
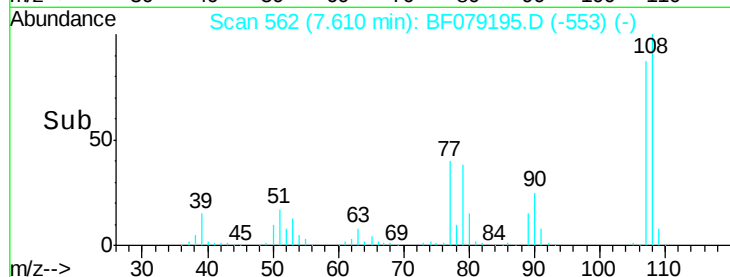
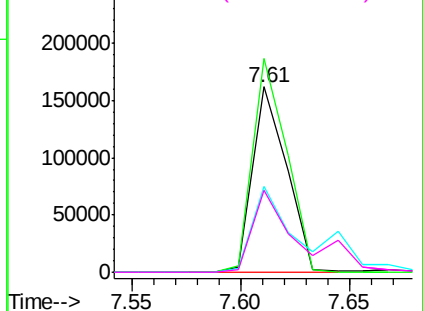
#17
2-Methylphenol
Concen: 40.05 ng
RT: 7.61 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 176678
Ion Ratio Lower Upper
107 100
108 115.1 94.9 142.3
77 46.1 36.2 54.4
79 44.3 35.2 52.8

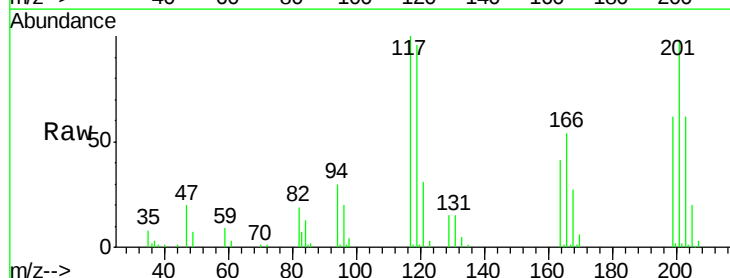


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

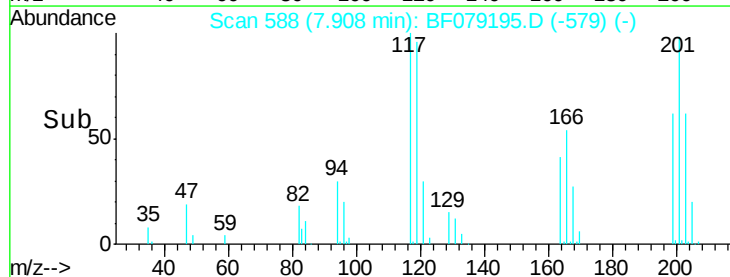
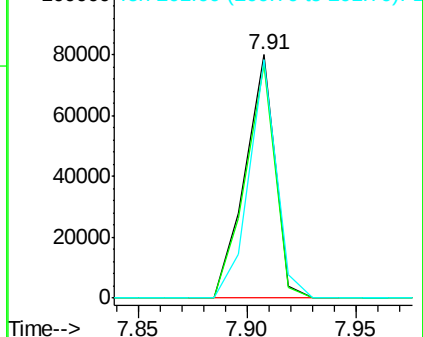


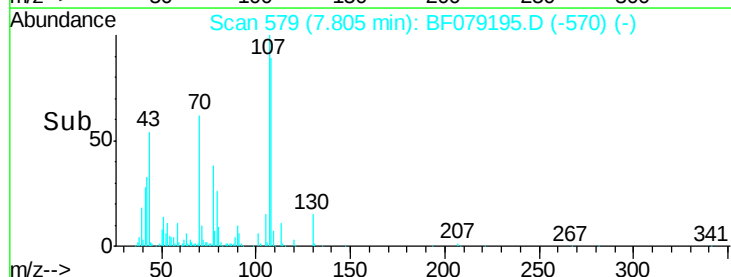
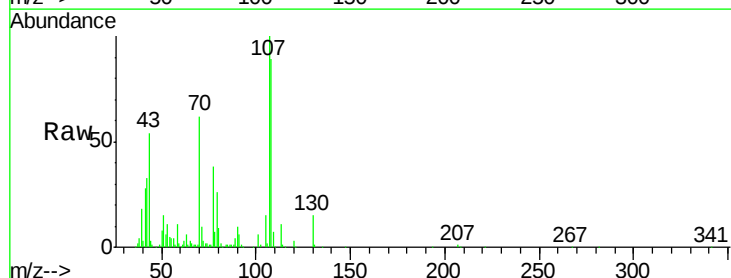
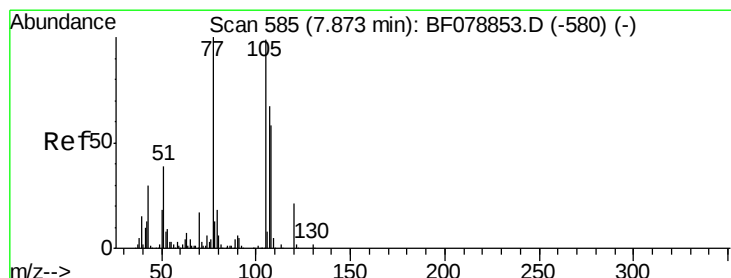
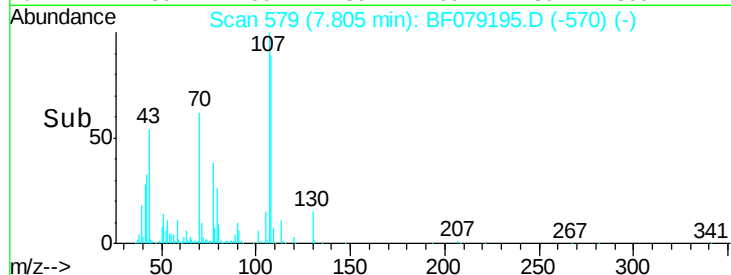
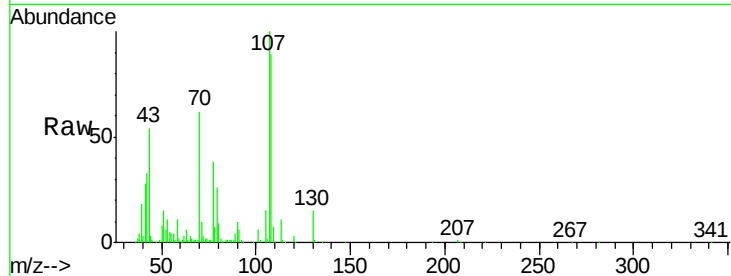
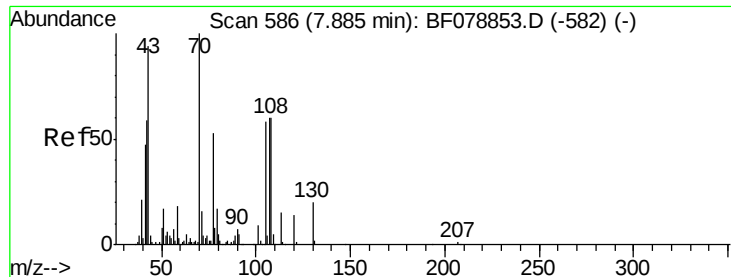
#18
Hexachloroethane
Concen: 35.10 ng
RT: 7.91 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Tgt Ion:117 Resp: 76670
Ion Ratio Lower Upper
117 100
119 95.8 75.4 113.0
201 97.8 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

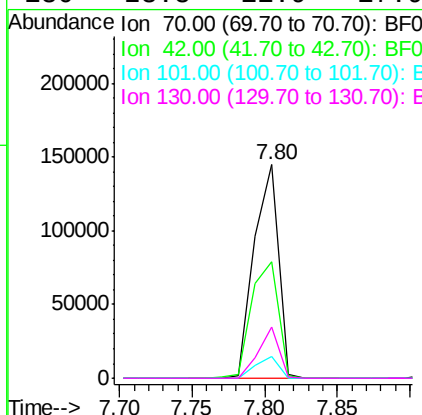




#19
n-Nitroso-di-n-propylamine
Concen: 39.18 ng
RT: 7.80 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

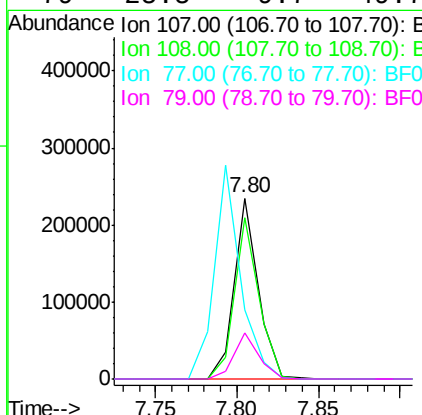
Instrument :
BNA_F
ClientSampleId :

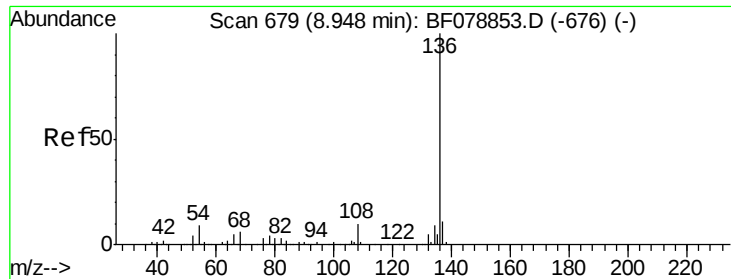
Tot Ion: 70 Resp: 169078
Ion Ratio Lower Upper
70 100
42 54.4 55.4 83.0#
101 10.2 6.6 10.0#
130 23.8 11.9 17.9#



#20
3+4-Methylphenols
Concen: 40.59 ng
RT: 7.80 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Tgt Ion: 107 Resp: 238598
Ion Ratio Lower Upper
107 100
108 89.1 76.9 116.9
77 38.2 136.8 176.8#
79 25.5 9.7 49.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.86 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 340883

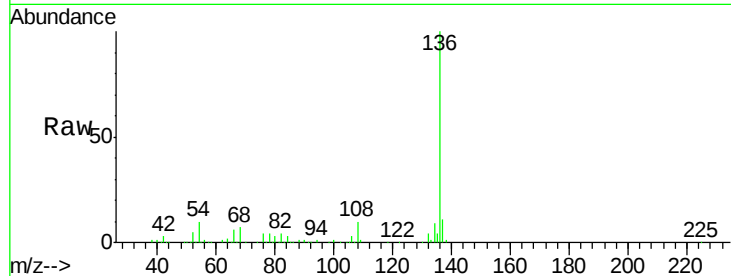
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.0 5.8 8.8#

68 7.2 4.2 6.4#

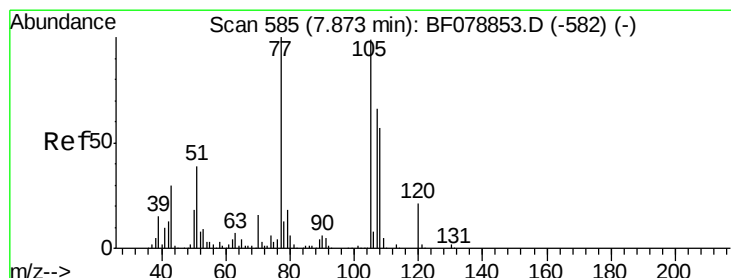
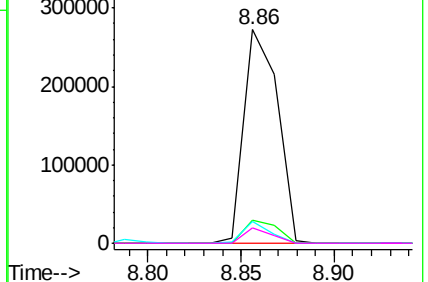
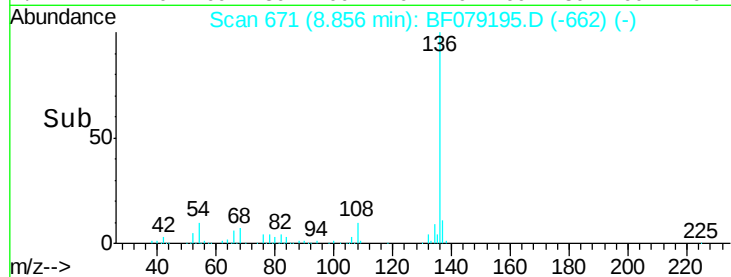


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.33 ng

RT: 7.79 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

Tgt Ion:105 Resp: 318263

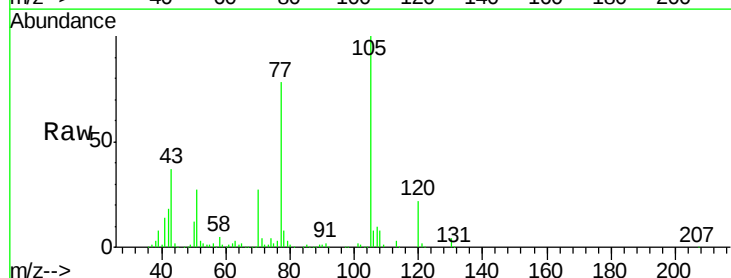
Ion Ratio Lower Upper

105 100

71 4.5 4.6 6.8#

51 26.9 26.7 40.1

120 21.5 17.4 26.0

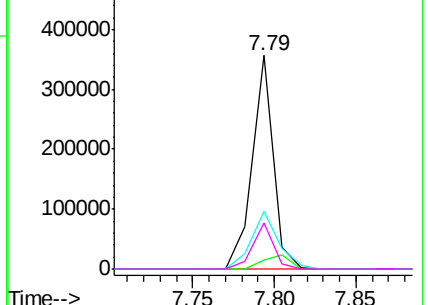
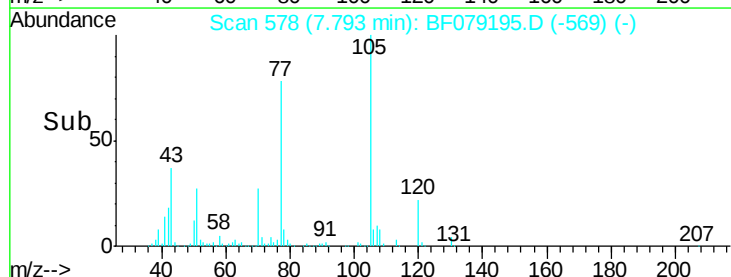


Abundance Ion 105.00 (104.70 to 105.70): E

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

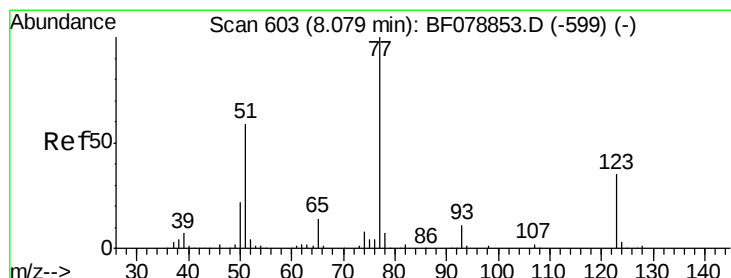
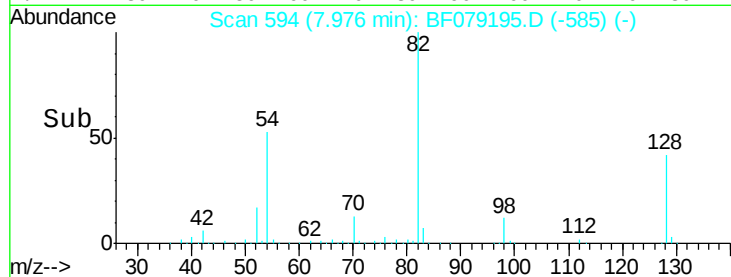
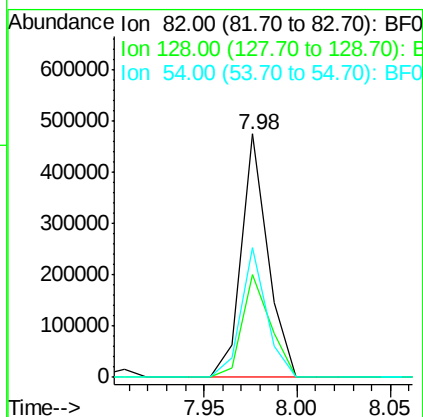
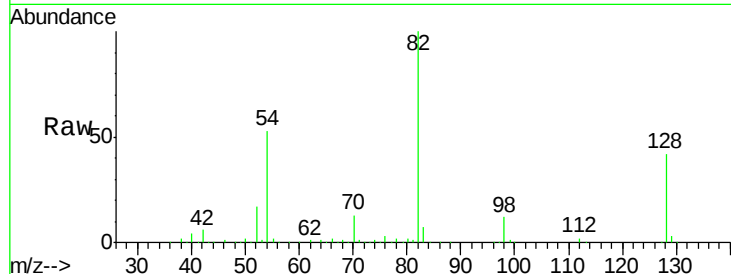




#23
 Nitrobenzene-d5
 Concen: 78.92 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

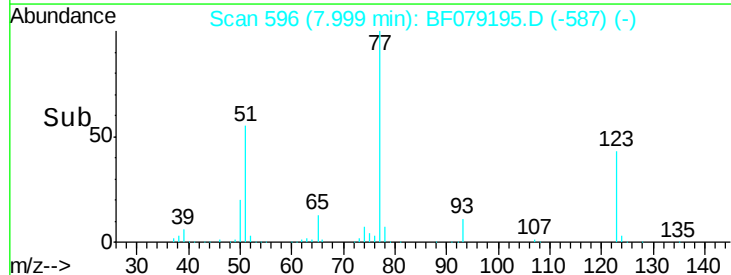
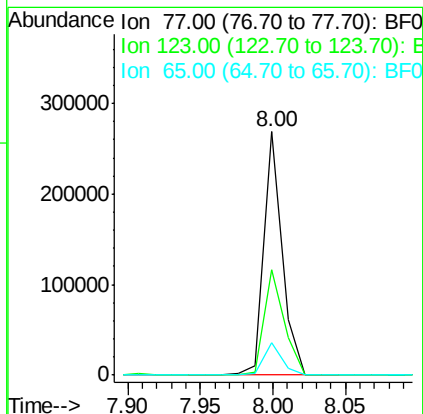
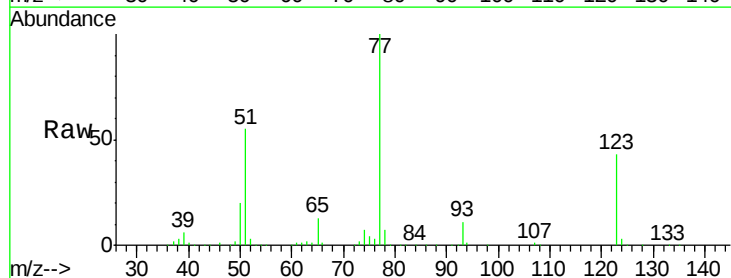
Instrument :
 BNA_F
 ClientSampleID :

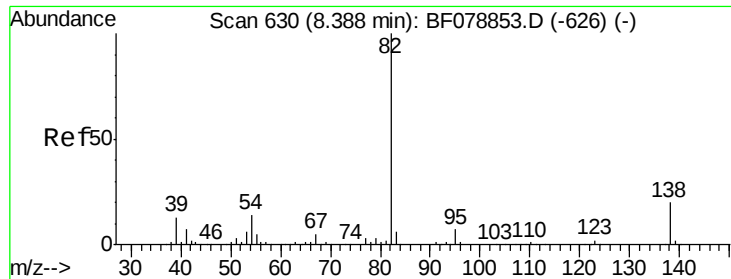
Tot Ion	82	Resp	468125
Ion Ratio	Lower	Upper	
82	100		
128	42.2	30.0	45.0
54	53.5	46.4	69.6



#24
 Nitrobenzene
 Concen: 40.14 ng
 RT: 8.00 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

Tgt Ion	77	Resp	236017
Ion Ratio	Lower	Upper	
77	100		
123	43.1	31.8	47.8
65	13.4	10.6	15.8





#25

Isophorone

Concen: 40.15 ng

RT: 8.30 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

Instrument :

BNA_F

ClientSampleId :

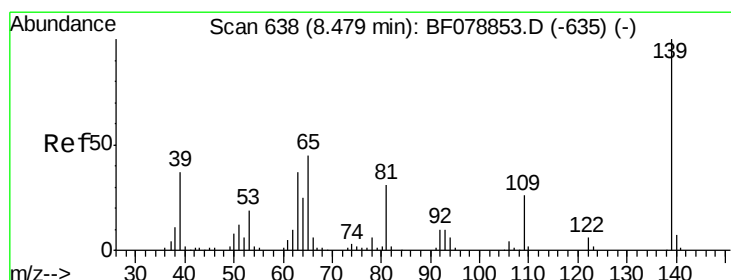
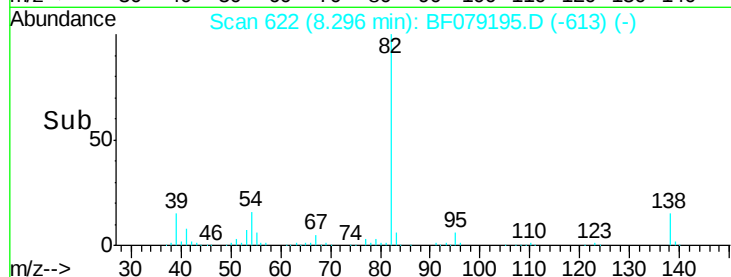
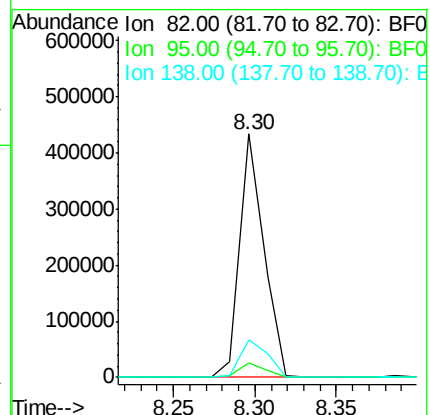
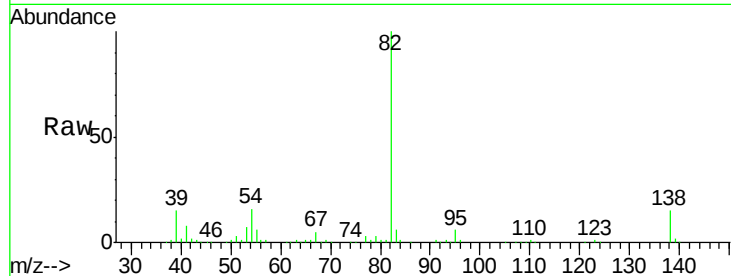
Tot Ion: 82 Resp: 441455

Ion Ratio Lower Upper

82 100

95 6.0 5.3 7.9

138 15.3 12.0 18.0



#26

2-Nitrophenol

Concen: 43.64 ng

RT: 8.39 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

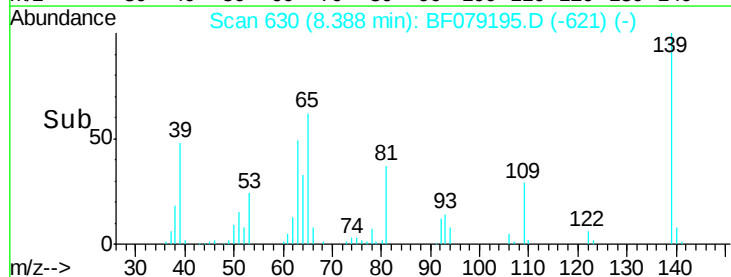
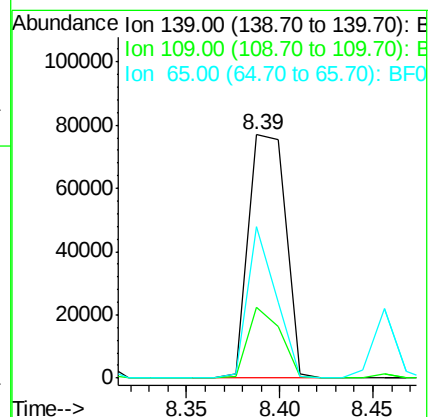
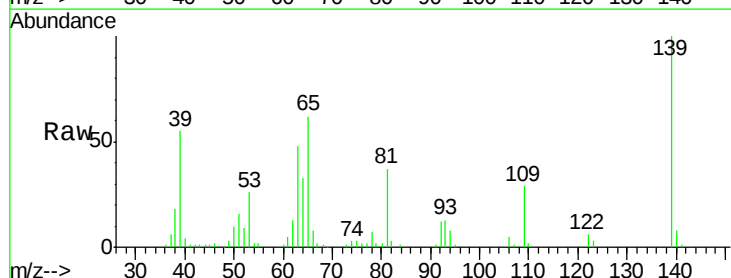
Tgt Ion: 139 Resp: 106204

Ion Ratio Lower Upper

139 100

109 28.9 21.0 31.4

65 62.2 30.5 45.7#





#27

2,4-Dimethylphenol

Concen: 41.51 ng

RT: 8.46 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

Instrument :

BNA_F

ClientSampleId :

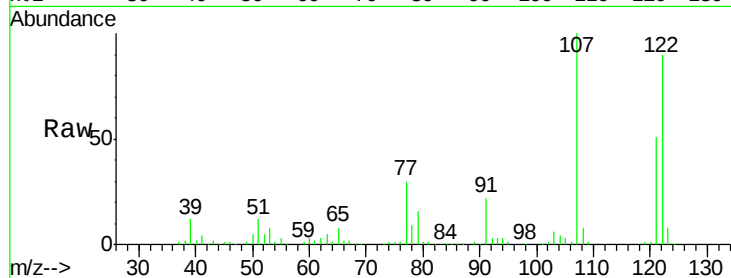
Tot Ion:122 Resp: 202131

Ion Ratio Lower Upper

122 100

107 111.3 90.6 135.8

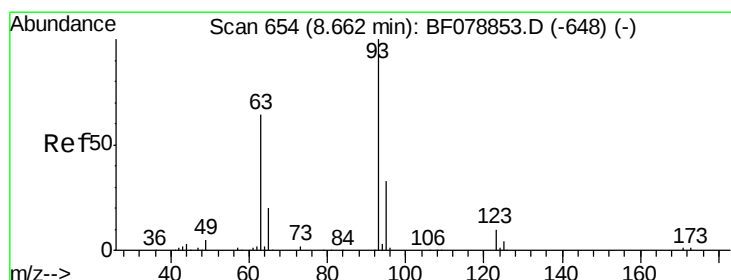
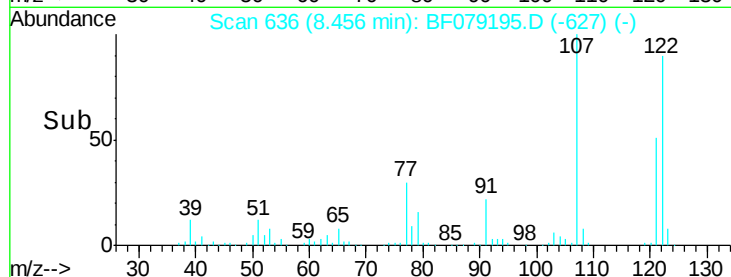
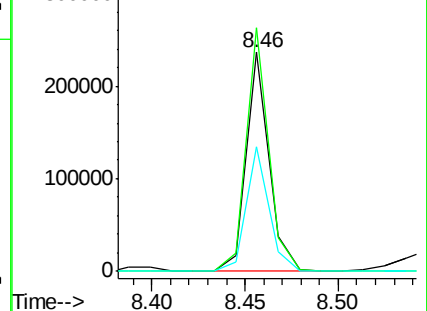
121 57.2 45.4 68.2



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: 39.96 ng

RT: 8.58 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

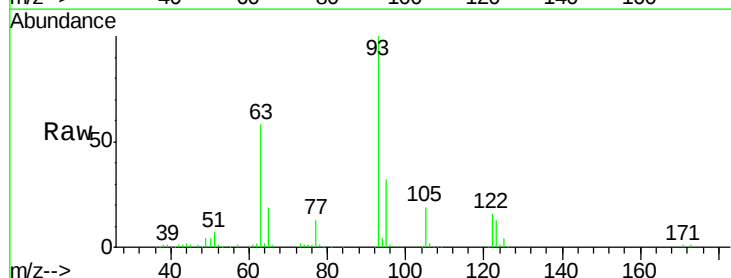
Tgt Ion: 93 Resp: 270853

Ion Ratio Lower Upper

93 100

95 32.4 26.7 40.1

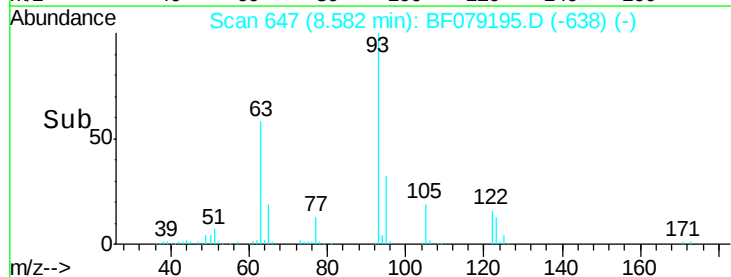
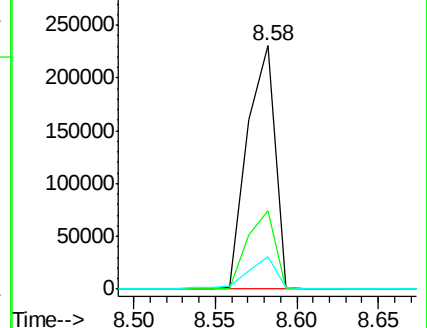
123 13.4 9.1 13.7



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

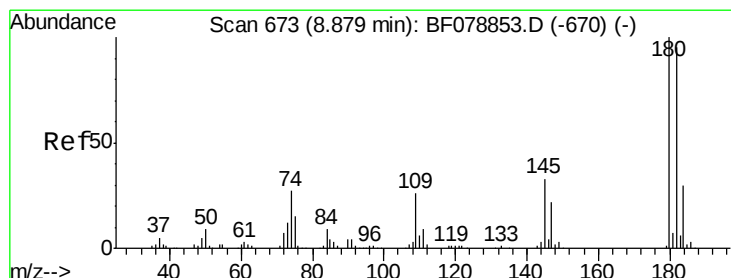
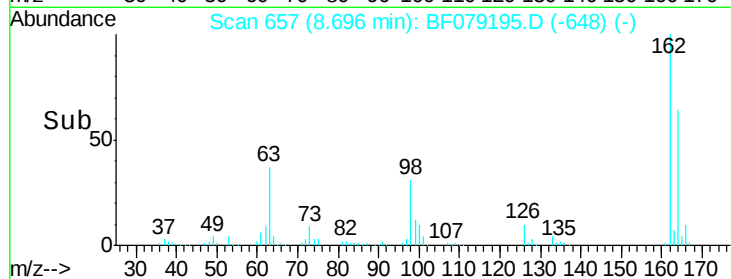
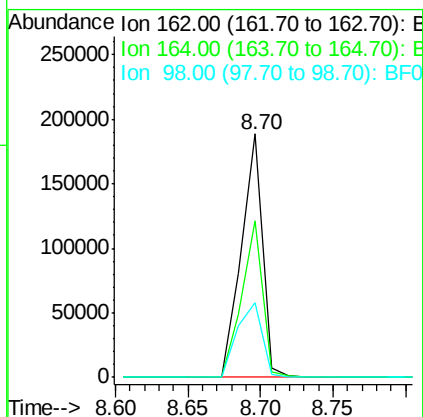
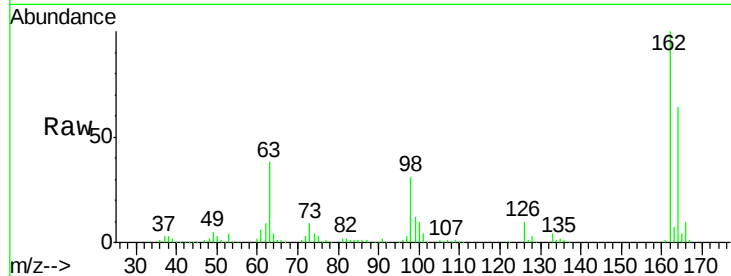




#29
 2,4-Dichlorophenol
 Concen: 44.14 ng
 RT: 8.70 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

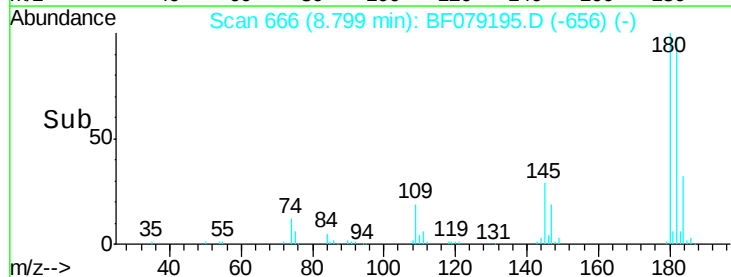
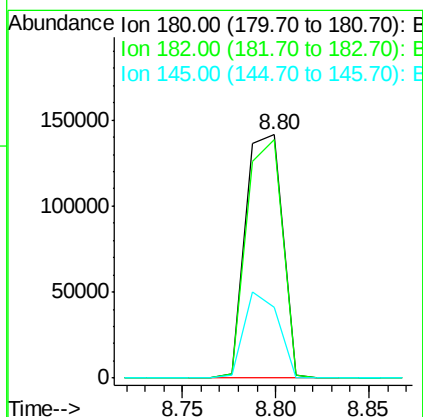
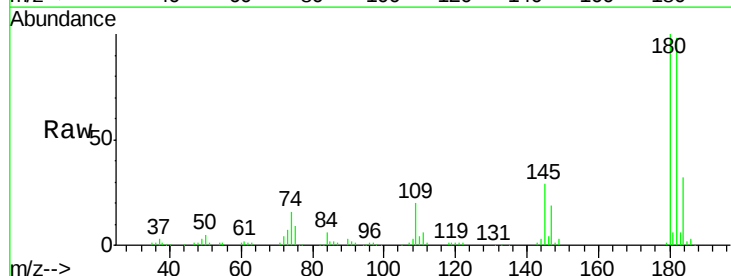
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.6	83.6
98	30.7	16.5	56.5



#30
 1,2,4-Trichlorobenzene
 Concen: 40.73 ng
 RT: 8.80 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	78.9	118.3
145	29.2	24.2	36.4

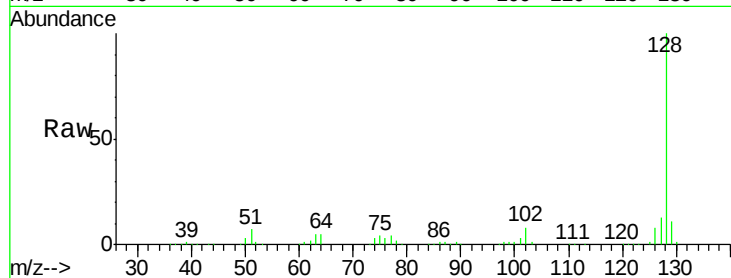




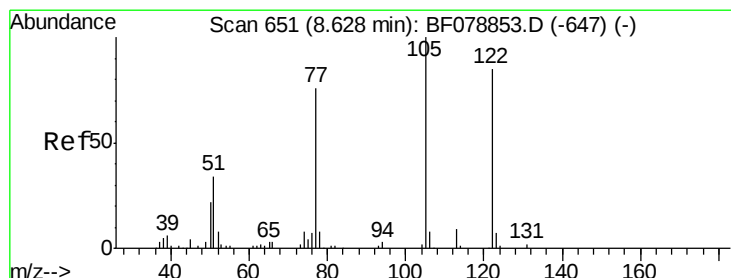
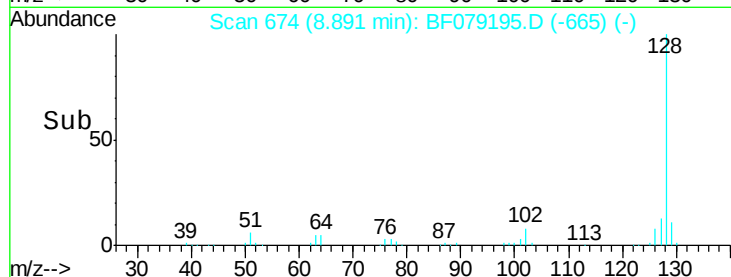
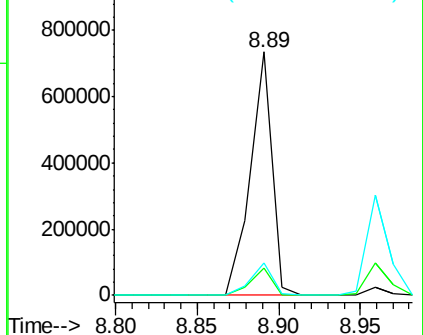
#31
Naphthalene
Concen: 41.67 ng
RT: 8.89 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 676818
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.2 10.7 16.1

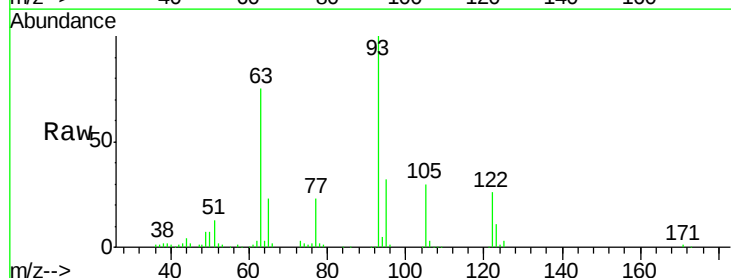


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

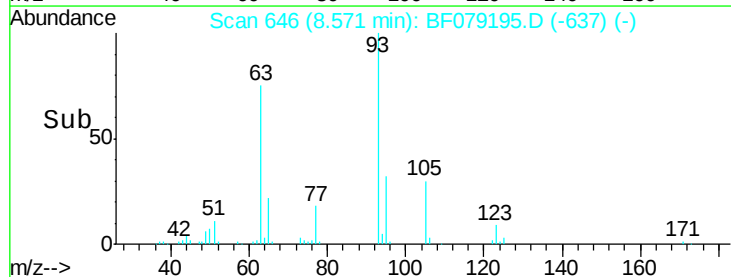
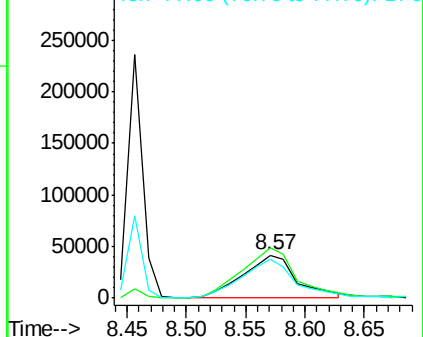


#32
Benzoic acid
Concen: 42.44 ng
RT: 8.57 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Tgt Ion:122 Resp: 126890
Ion Ratio Lower Upper
122 100
105 117.8 107.1 147.1
77 89.7 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

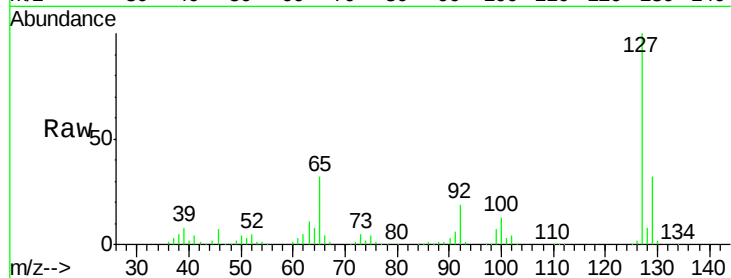




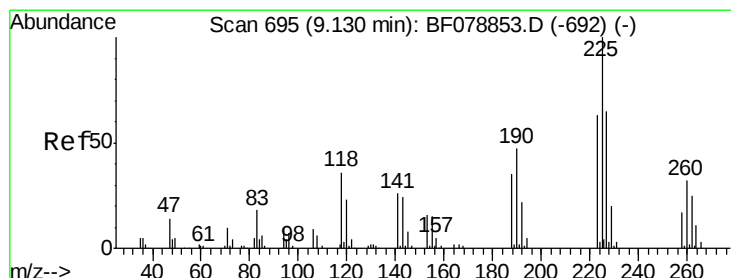
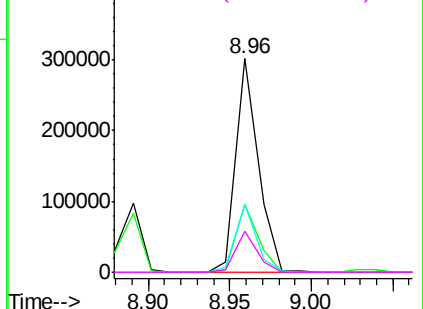
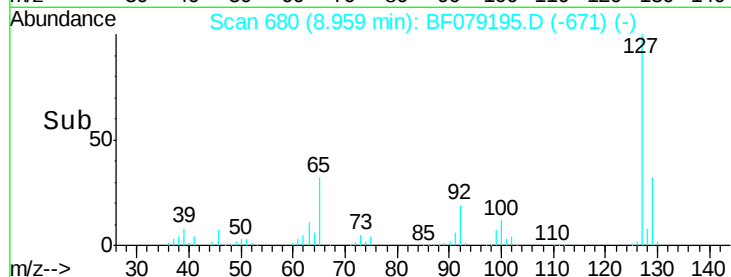
#33
4-Chloroaniline
Concen: 41.46 ng
RT: 8.96 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	284948
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	31.8	25.8	38.6
92	19.4	15.5	23.3

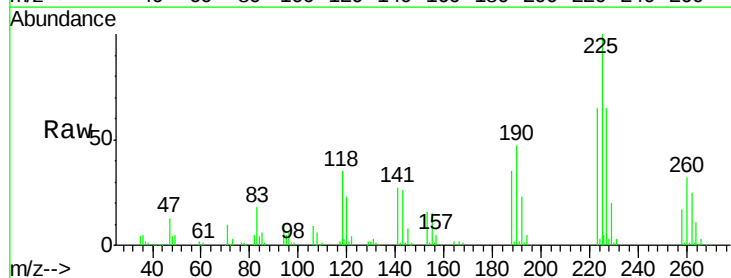


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

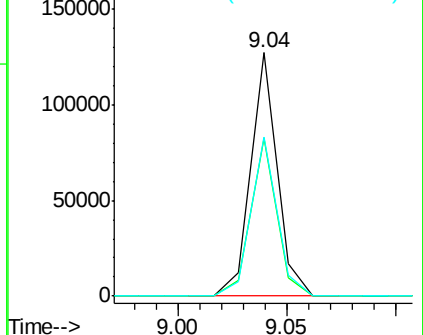
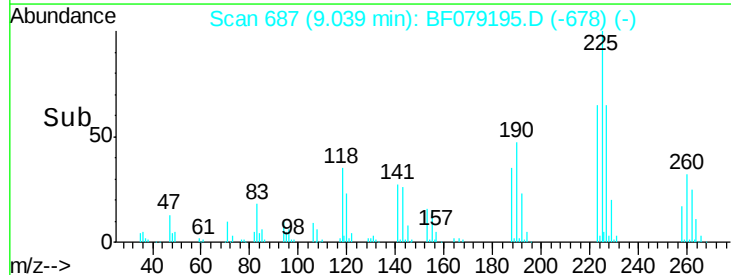


#34
Hexachlorobutadiene
Concen: 39.26 ng
RT: 9.04 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Tgt Ion:	225	Resp:	107546
Ion	Ratio	Lower	Upper
225	100		
223	64.7	48.2	72.4
227	65.3	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

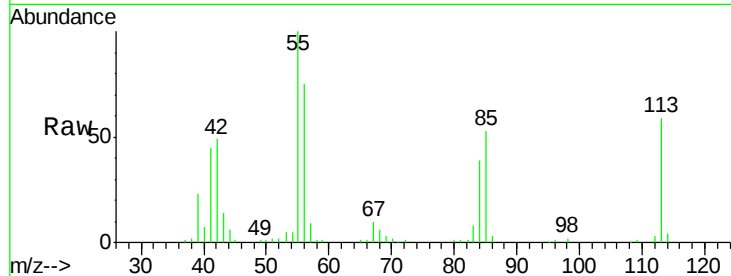




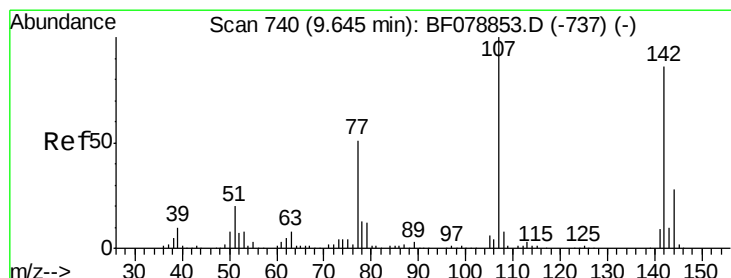
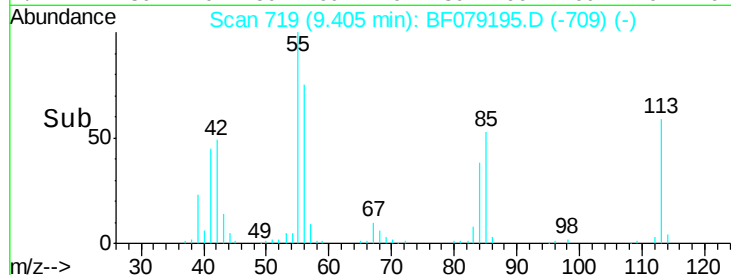
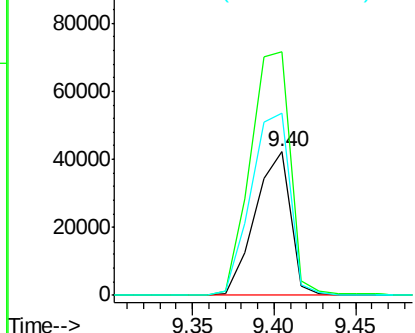
#35
 Caprolactam
 Concen: 45.50 ng
 RT: 9.40 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 63714
 Ion Ratio Lower Upper
 113 100
 55 169.7 169.7 209.7#
 56 127.3 122.5 162.5

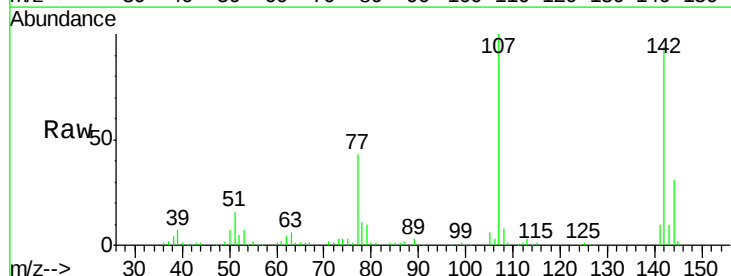


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

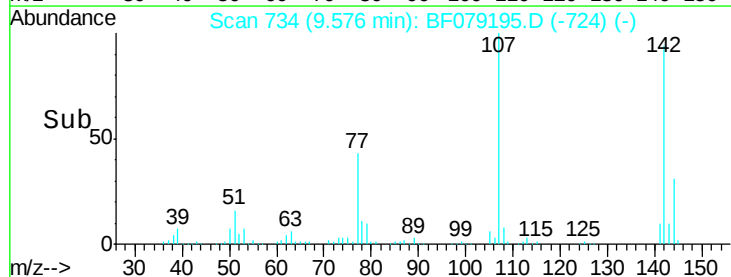
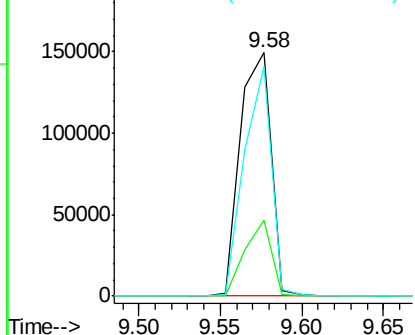


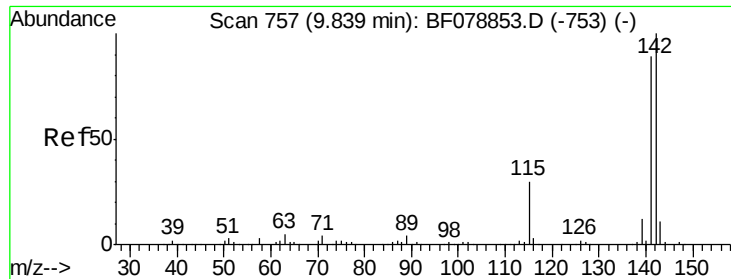
#36
 4-Chloro-3-methylphenol
 Concen: 42.94 ng
 RT: 9.58 min Scan# 734
 Delta R.T. 0.01 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

Tgt Ion:107 Resp: 195269
 Ion Ratio Lower Upper
 107 100
 144 30.9 19.8 29.6#
 142 94.3 60.6 91.0#



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

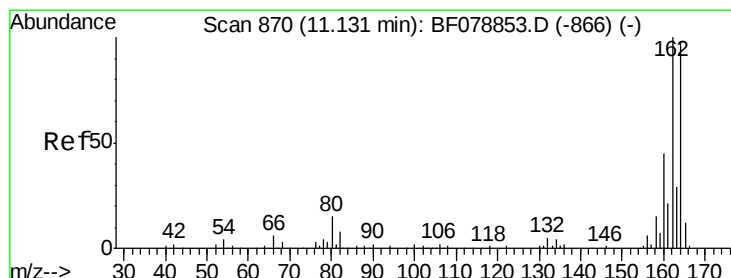
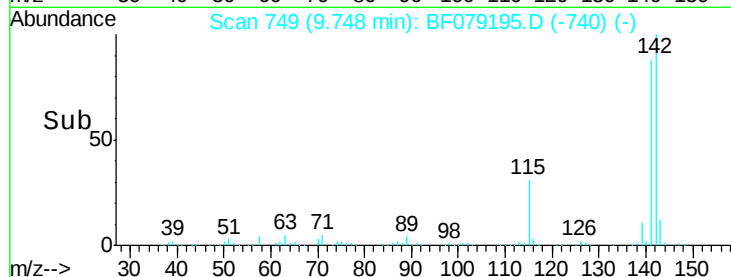
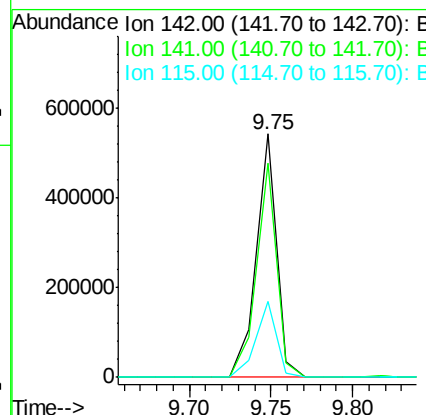
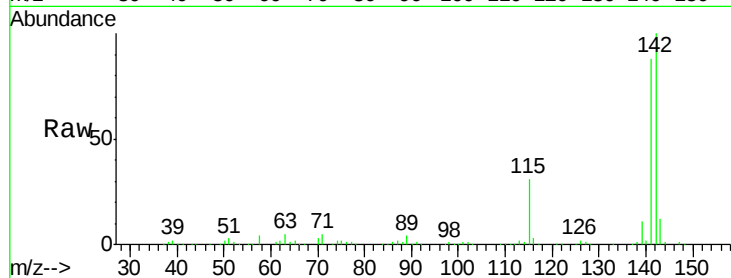




#37
 2-Methylnaphthalene
 Concen: 41.81 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

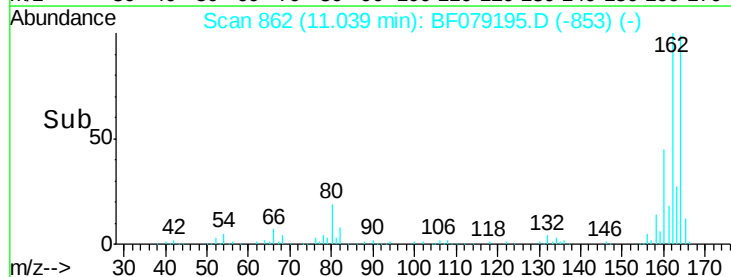
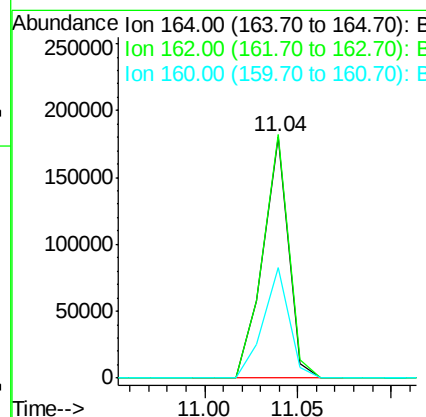
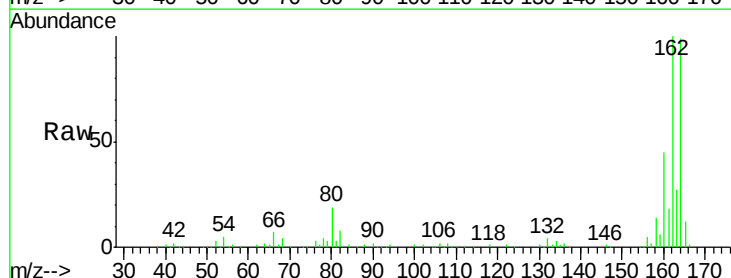
Instrument :
 BNA_F
 ClientSampleId :

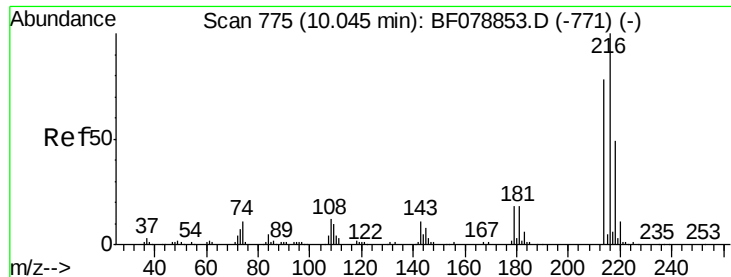
Tot Ion:142 Resp: 470645
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.9 106.3
 115 31.0 28.5 42.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.04 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

Tgt Ion:164 Resp: 171346
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.7 124.1
 160 45.7 35.8 53.8

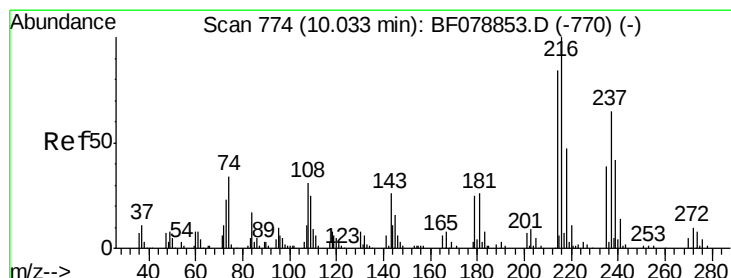
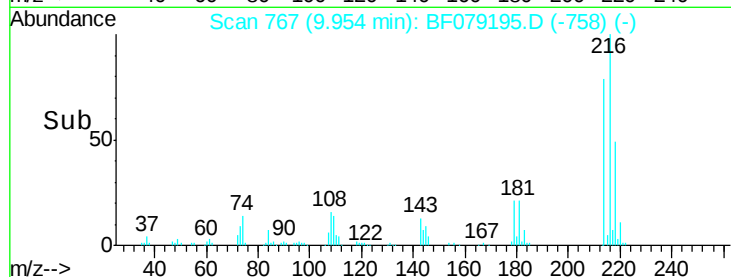
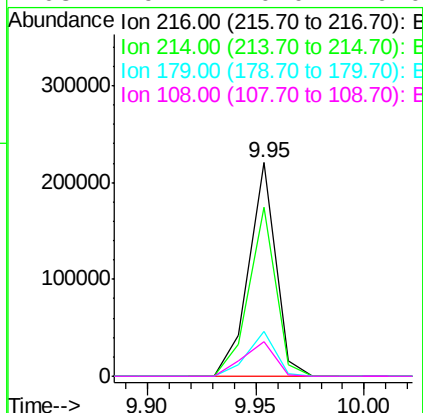
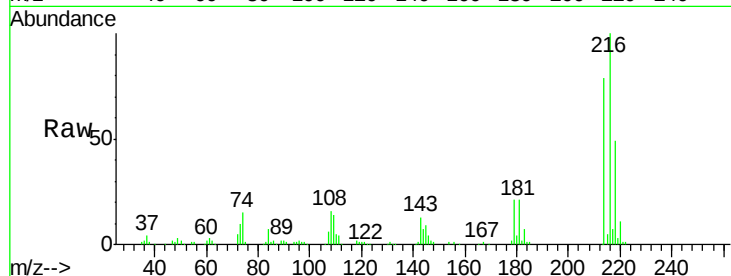




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.53 ng
 RT: 9.95 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

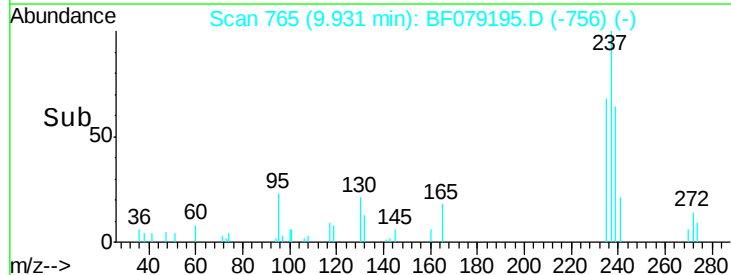
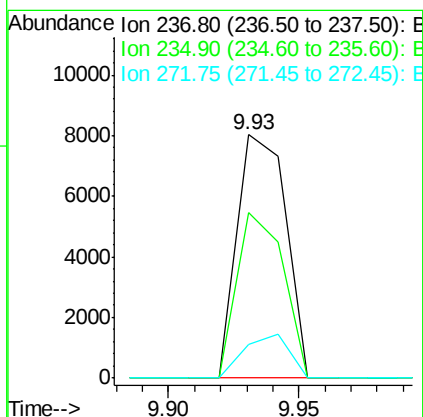
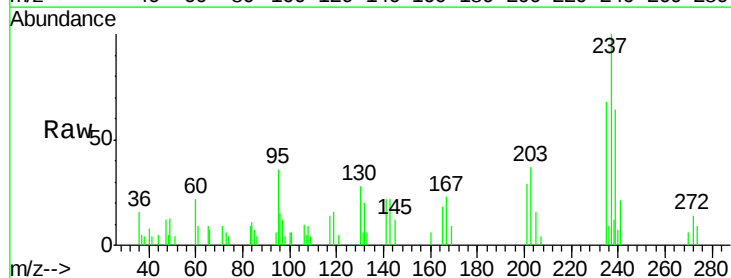
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	190757
Ion Ratio	Lower	Upper
216	100	
214	79.0	0.0 0.0#
179	21.9	0.0 0.0#
108	19.4	0.0 0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 4.34 ng
 RT: 9.93 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

Tgt Ion:237	Resp:	10521
Ion Ratio	Lower	Upper
237	100	
235	67.9	44.7 84.7
272	13.8	0.0 32.6

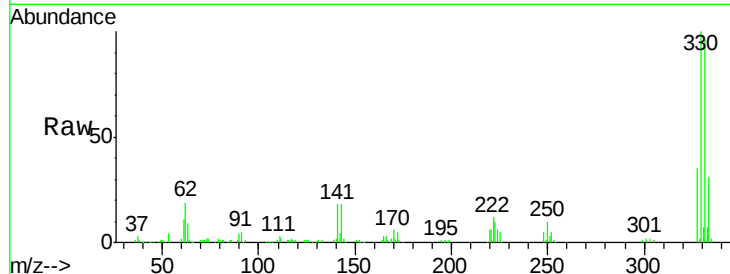




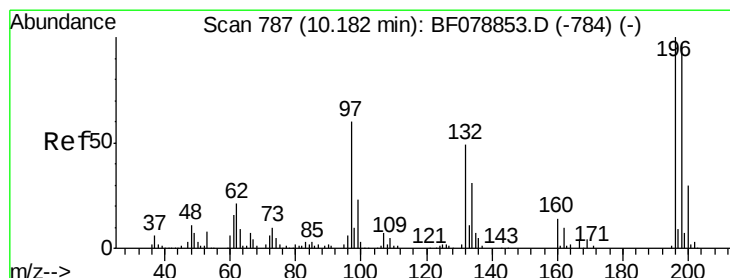
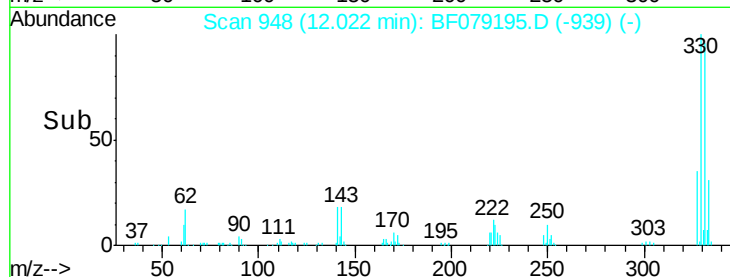
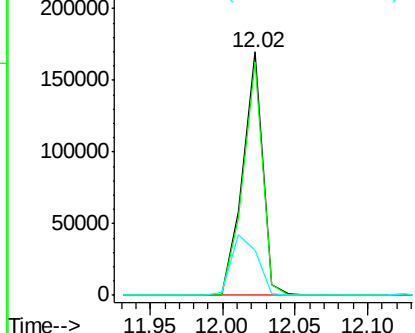
#41
 2,4,6-Tribromophenol
 Concen: 88.37 ng
 RT: 12.02 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	0.0	0.0#
141	32.0	0.0	0.0#

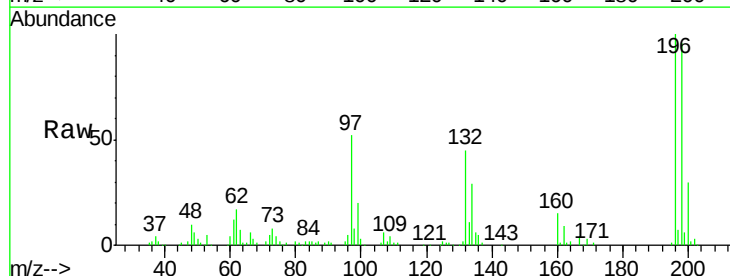


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

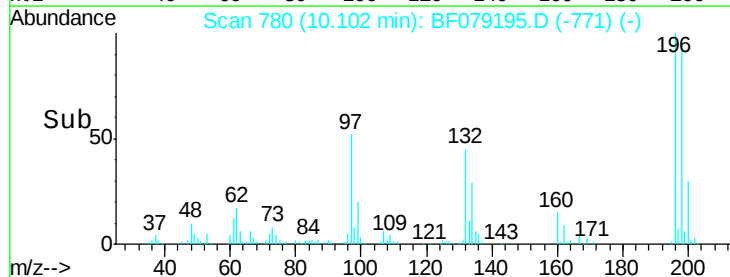
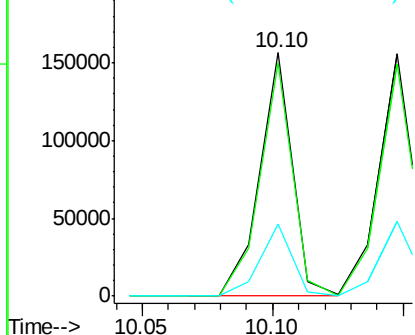


#42
 2,4,6-Trichlorophenol
 Concen: 41.38 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	80.5	120.7
200	29.8	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

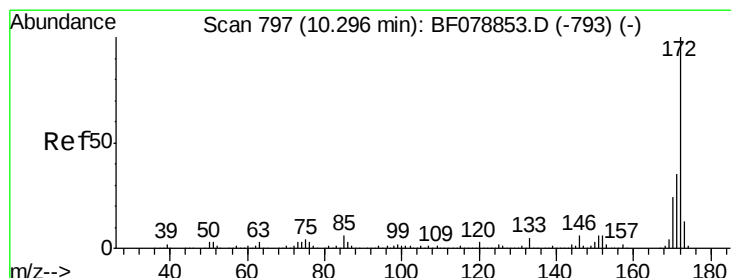
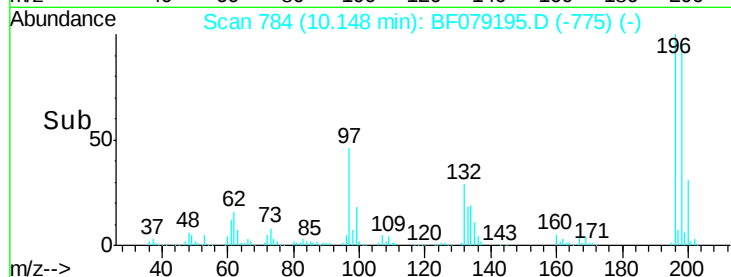
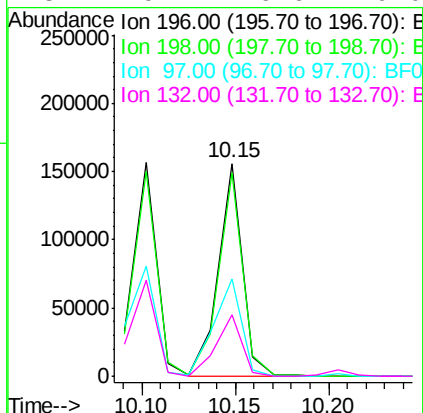
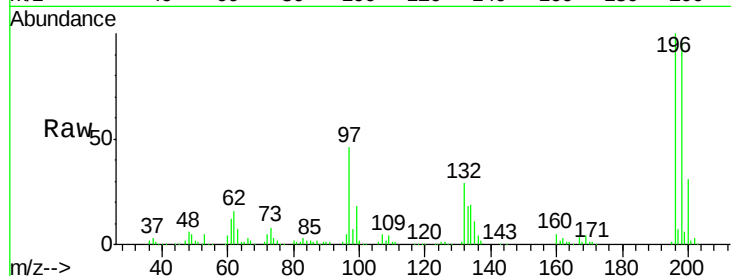




#43
2,4,5-Trichlorophenol
Concen: 42.04 ng
RT: 10.15 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

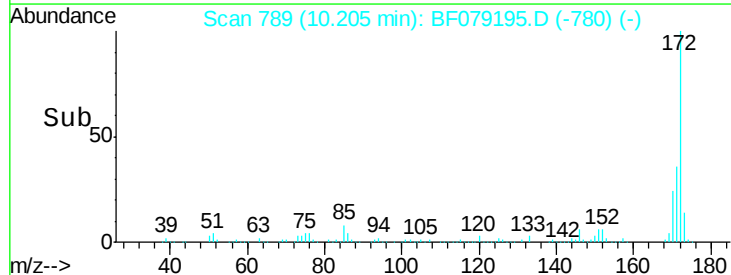
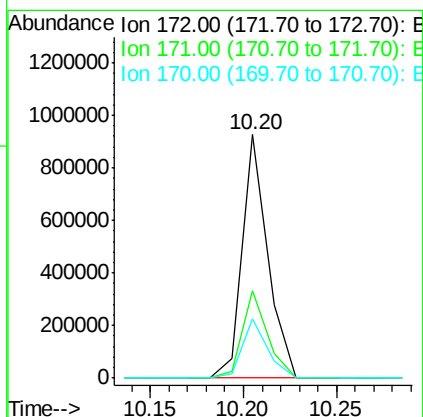
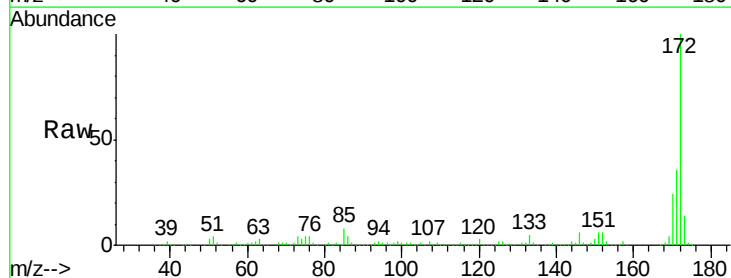
Instrument :
BNA_F
ClientSampleId :

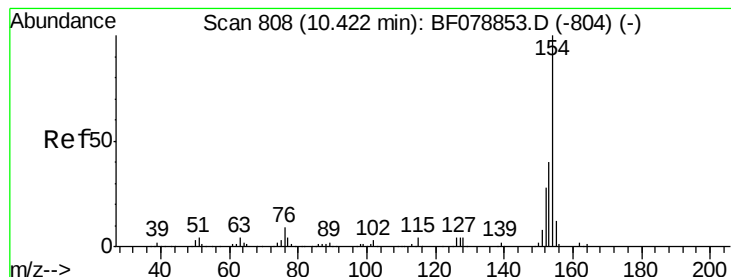
Tot Ion:	196	Resp:	141015
Ion	Ratio	Lower	Upper
196	100		
198	95.6	79.8	119.6
97	45.8	46.0	69.0#
132	29.1	26.6	40.0



#44
2-Fluorobiphenyl
Concen: 71.52 ng
RT: 10.20 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Tgt Ion:	172	Resp:	879597
Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.9	41.9
170	24.5	19.4	29.0





#45

1,1'-Biphenyl

Concen: 40.07 ng

RT: 10.33 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

Instrument :

BNA_F

ClientSampleId :

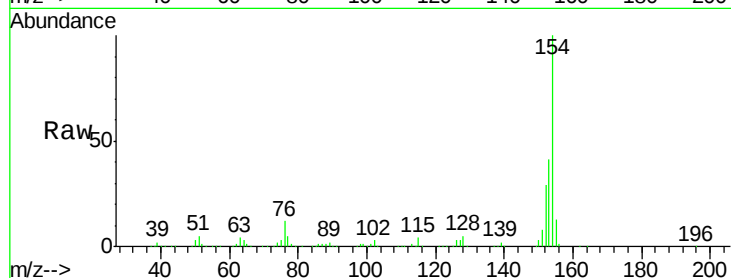
Tot Ion:154 Resp: 545863

Ion Ratio Lower Upper

154 100

153 40.6 19.9 59.9

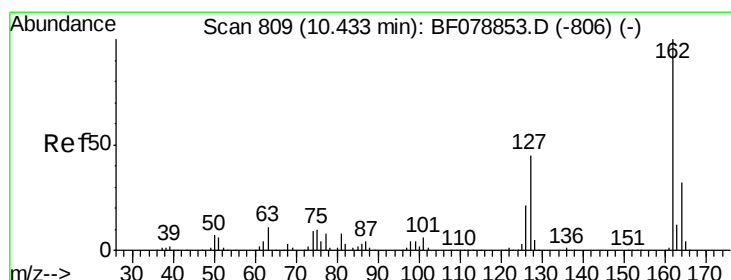
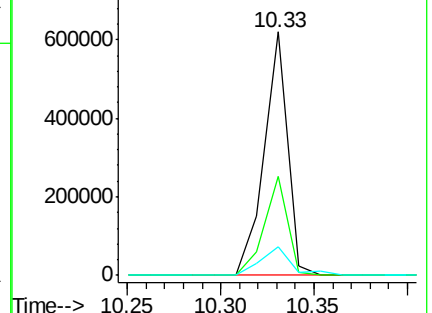
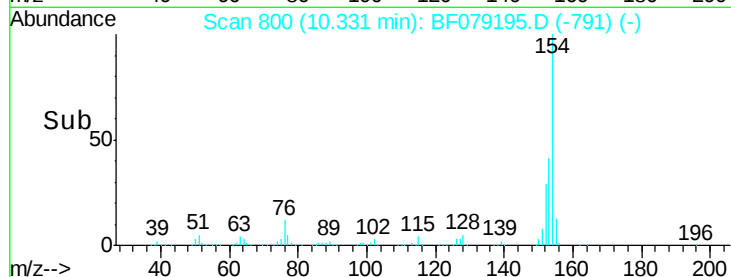
76 11.6 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.00 ng

RT: 10.35 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

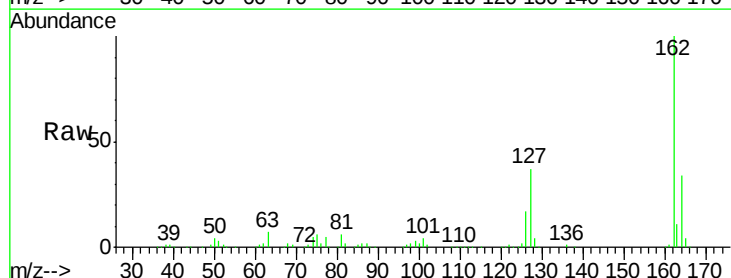
Tgt Ion:162 Resp: 424993

Ion Ratio Lower Upper

162 100

127 36.6 33.9 50.9

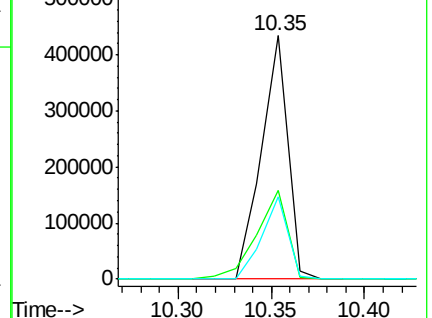
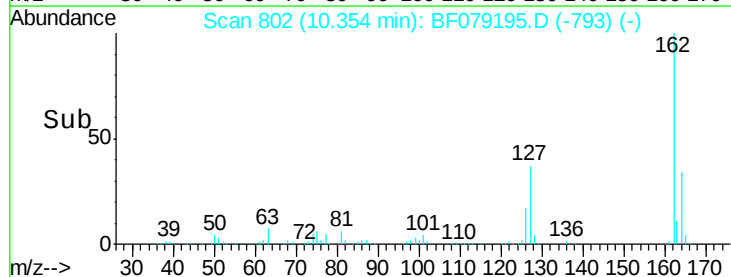
164 33.7 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

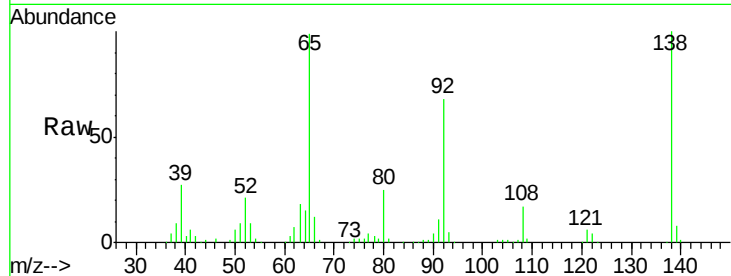




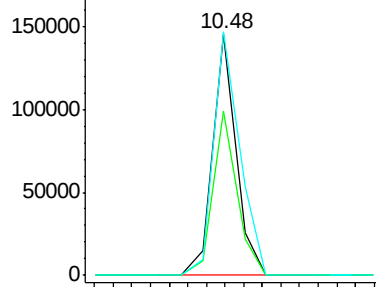
#47
2-Nitroaniline
Concen: 41.59 ng
RT: 10.48 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Instrument :
BNA_F
ClientSampleId :

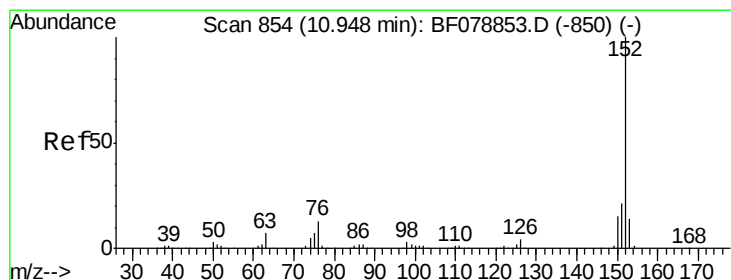
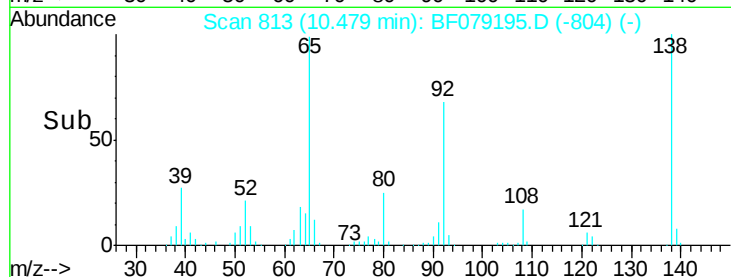
Tot Ion: 65 Resp: 128044
Ion Ratio Lower Upper
65 100
92 68.1 54.0 81.0
138 100.8 75.0 112.6



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

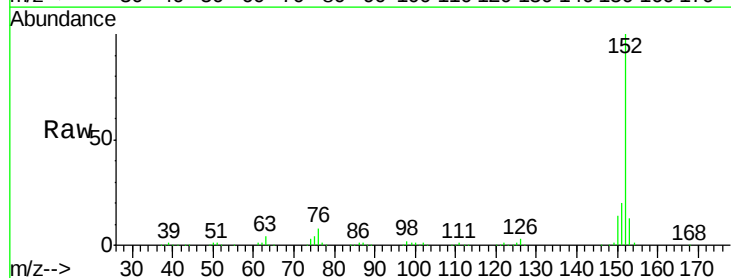


Time-->

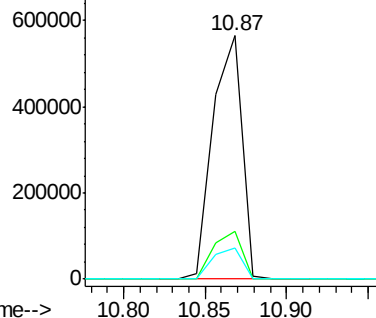


#48
Acenaphthylene
Concen: 39.86 ng
RT: 10.87 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

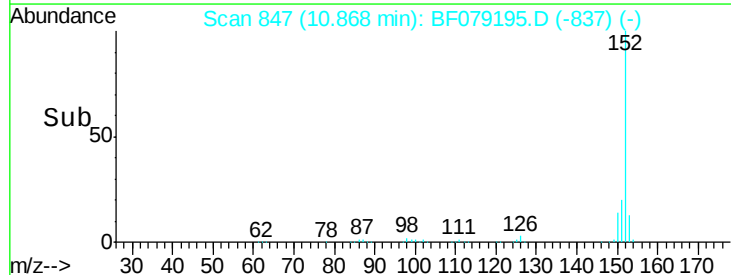
Tgt Ion: 152 Resp: 695384
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 12.8 10.9 16.3



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



Time-->

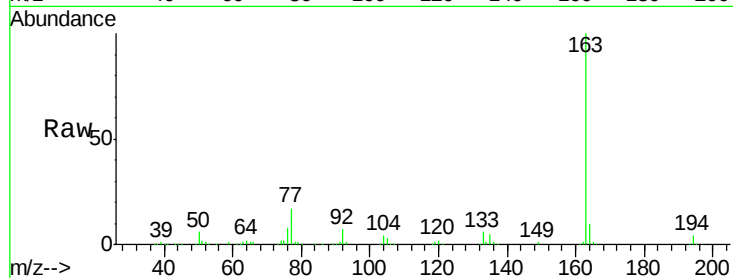




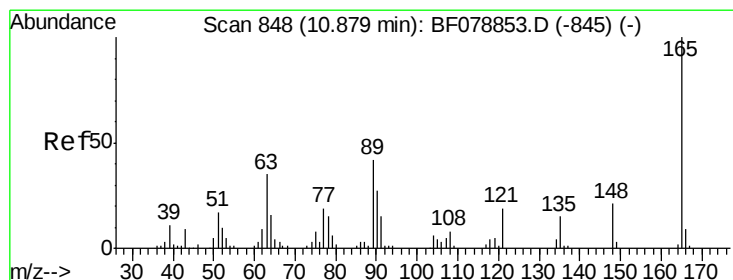
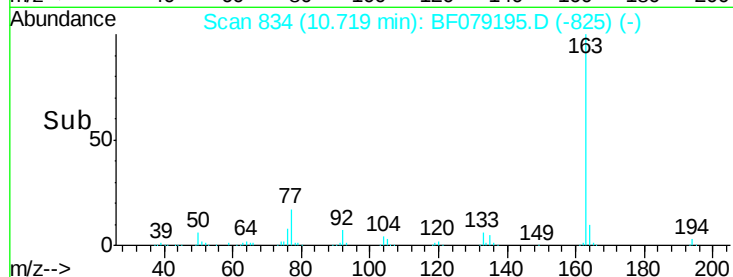
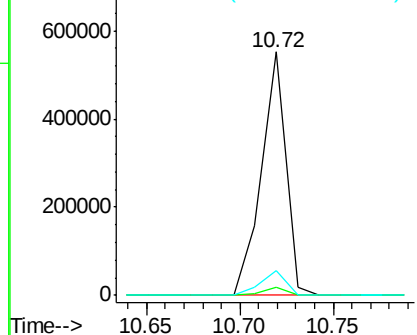
#49
Dimethylphthalate
Concen: 39.93 ng
RT: 10.72 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 502135
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.1 8.1 12.1

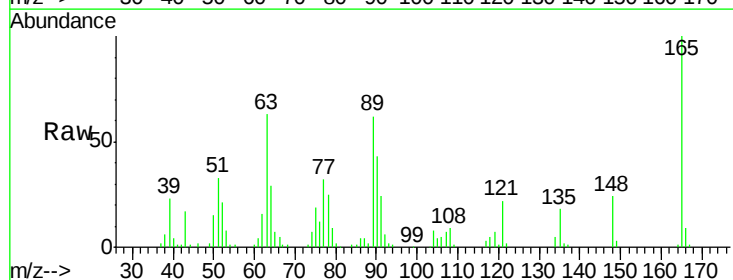


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

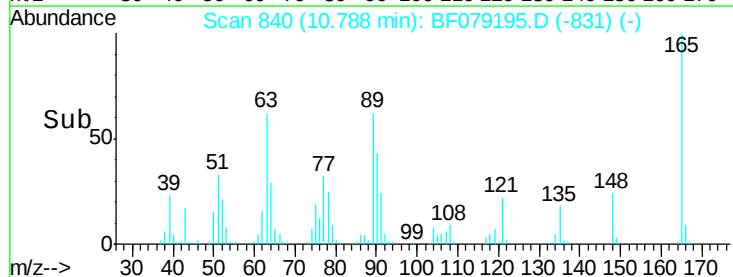
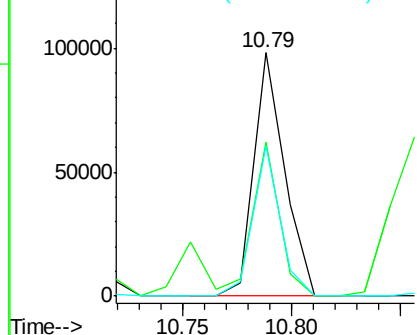


#50
2,6-Dinitrotoluene
Concen: 38.74 ng
RT: 10.79 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Tgt Ion:165 Resp: 96134
Ion Ratio Lower Upper
165 100
63 63.2 54.4 81.6
89 61.9 55.7 83.5



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

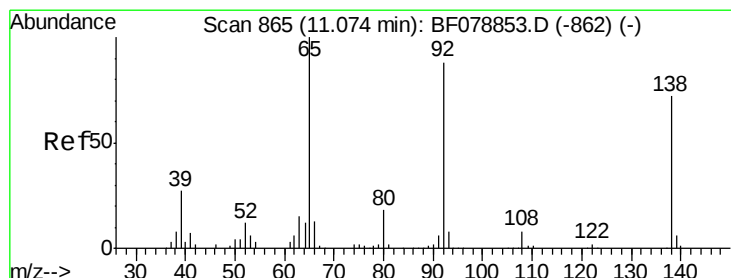
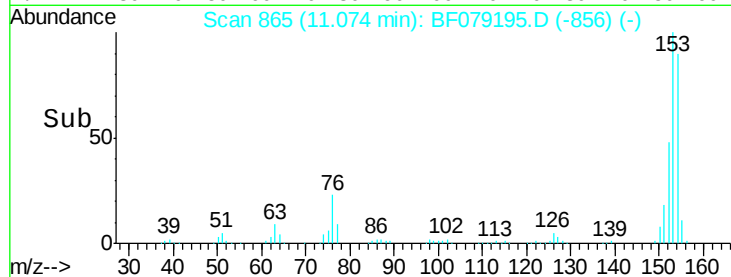
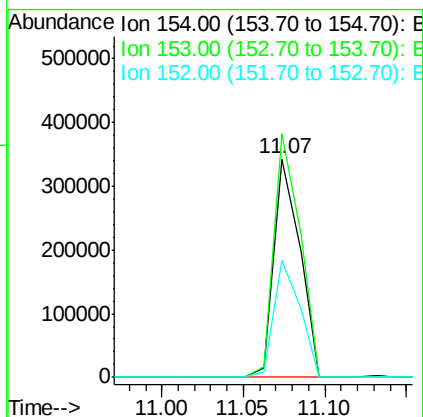
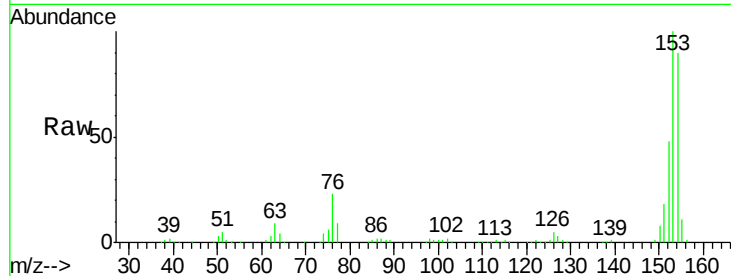




#51
Acenaphthene
Concen: 36.60 ng
RT: 11.07 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

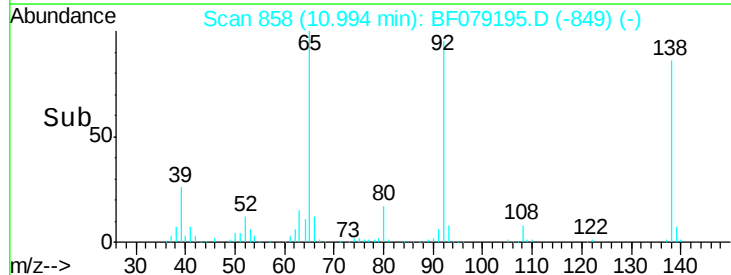
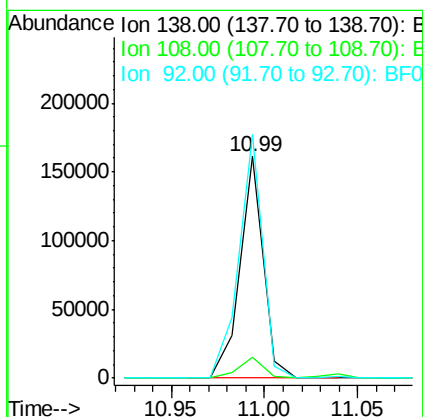
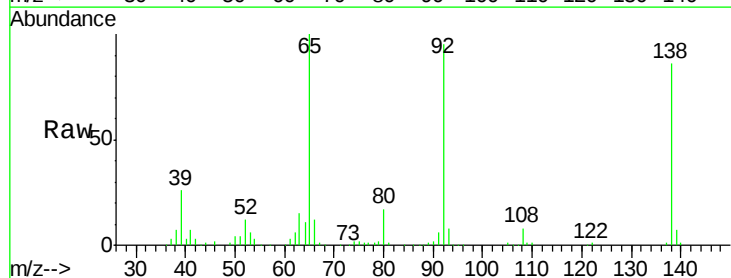
Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 380740
Ion Ratio Lower Upper
154 100
153 111.7 91.5 137.3
152 53.9 44.2 66.4



#52
3-Nitroaniline
Concen: 45.45 ng
RT: 10.99 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Tgt Ion:138 Resp: 140890
Ion Ratio Lower Upper
138 100
108 9.3 10.6 16.0#
92 110.0 81.8 122.6

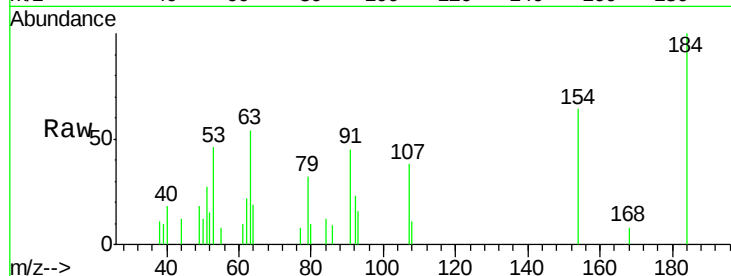




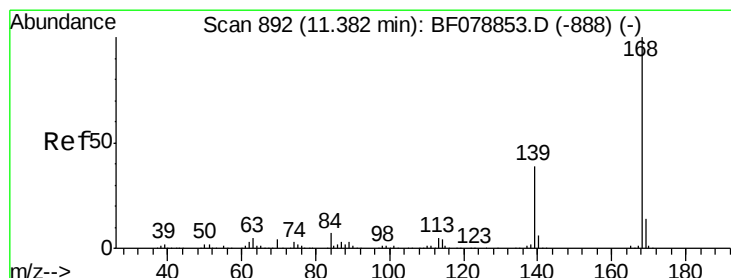
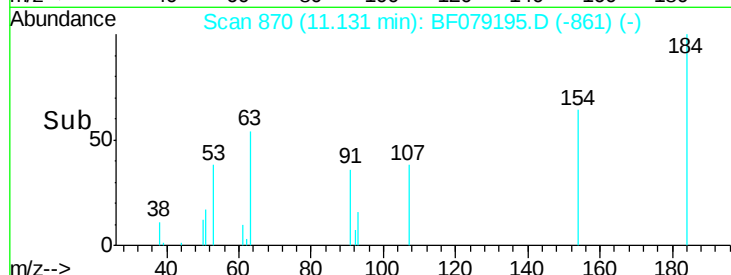
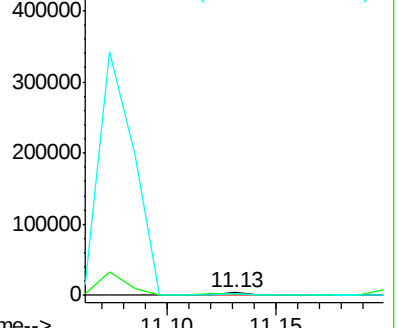
#53
2,4-Dinitrophenol
Concen: 9.44 ng
RT: 11.13 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 4081
Ion Ratio Lower Upper
184 100
63 54.2 63.3 94.9#
154 64.1 53.8 80.6

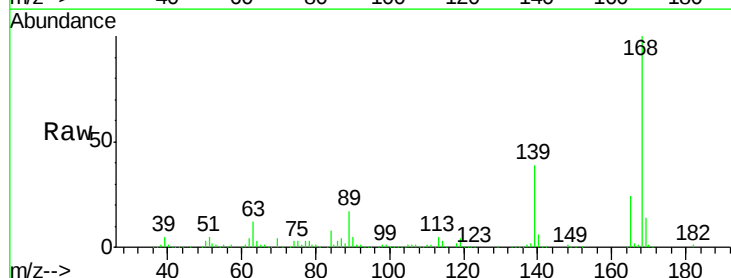


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

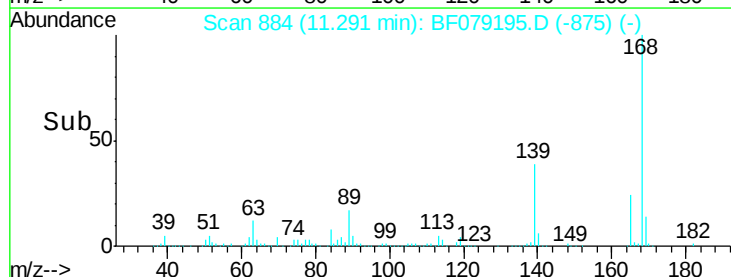
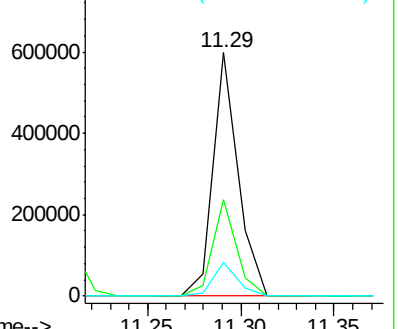


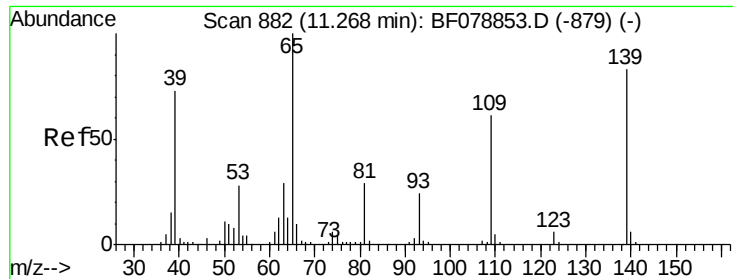
#54
Dibenzofuran
Concen: 37.26 ng
RT: 11.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Tgt Ion:168 Resp: 559871
Ion Ratio Lower Upper
168 100
139 39.4 31.0 46.4
169 13.9 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

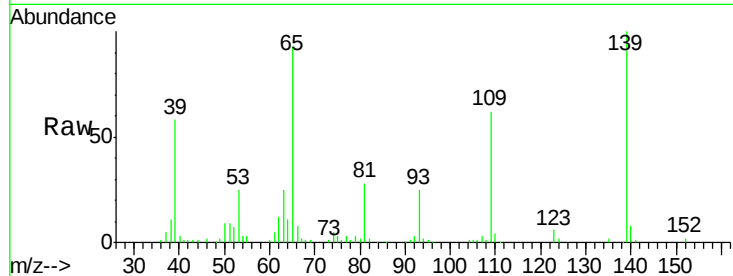




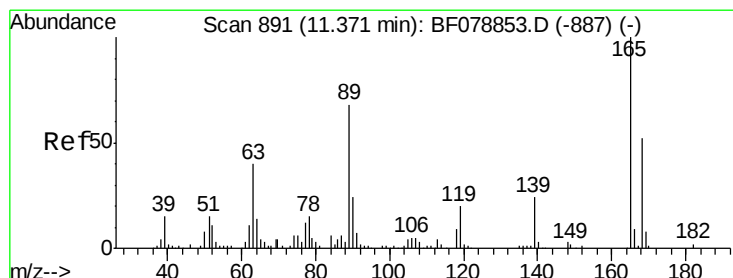
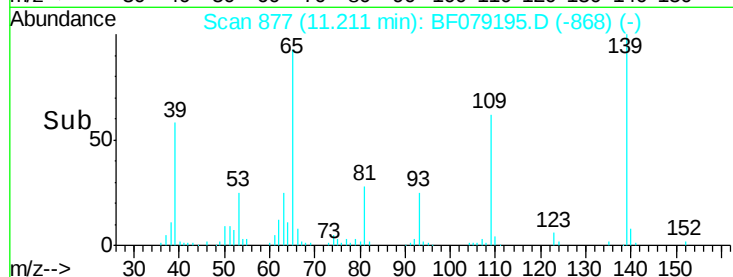
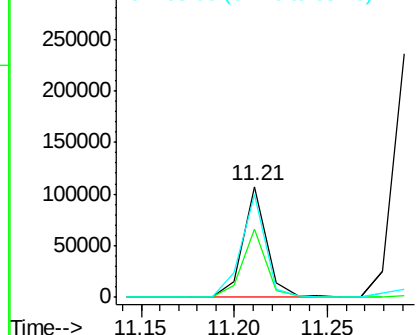
#55
4-Nitrophenol
Concen: 38.90 ng
RT: 11.21 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 95455
Ion Ratio Lower Upper
139 100
109 62.1 47.6 87.6
65 93.1 54.3 94.3

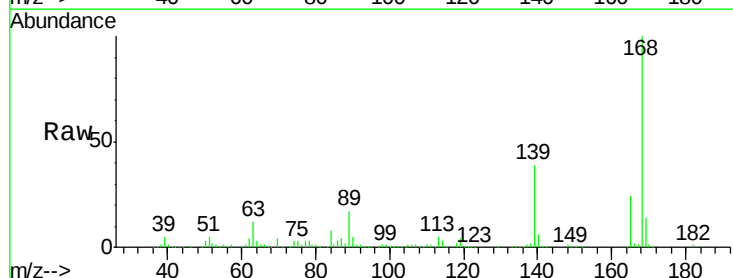


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

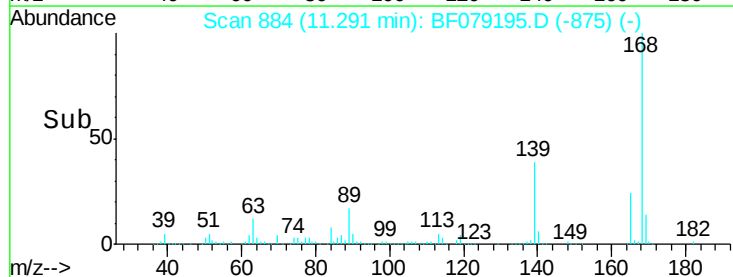
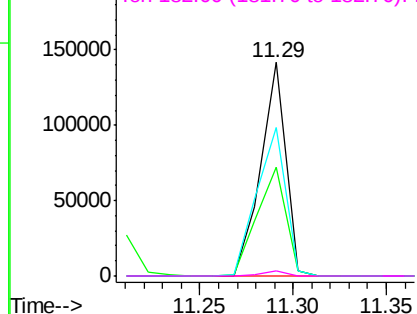


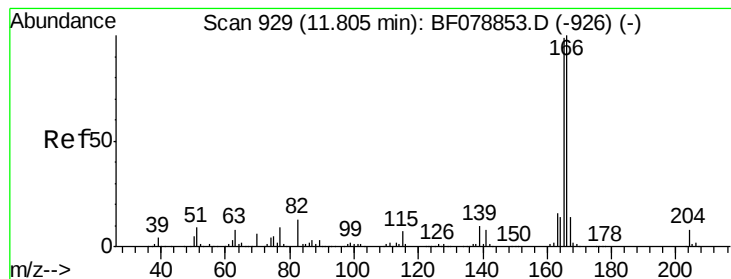
#56
2,4-Dinitrotoluene
Concen: 40.10 ng
RT: 11.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Tgt Ion:165 Resp: 131566
Ion Ratio Lower Upper
165 100
63 51.1 51.2 76.8#
89 69.6 82.7 124.1#
182 2.2 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: 37.56 ng

RT: 11.71 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

Instrument :

BNA_F

ClientSampleId :

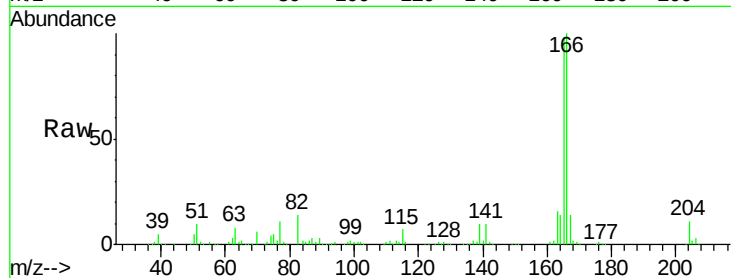
Tot Ion:166 Resp: 463291

Ion Ratio Lower Upper

166 100

165 98.2 78.5 117.7

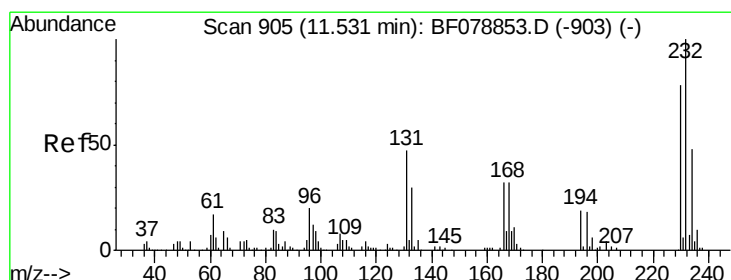
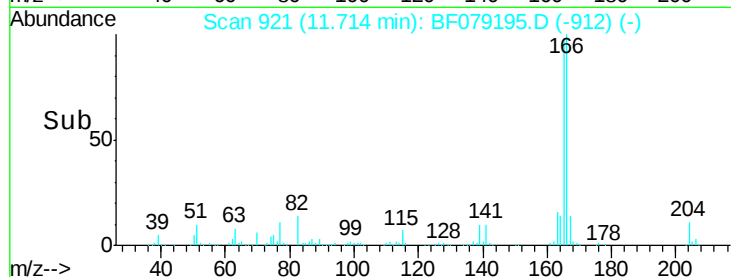
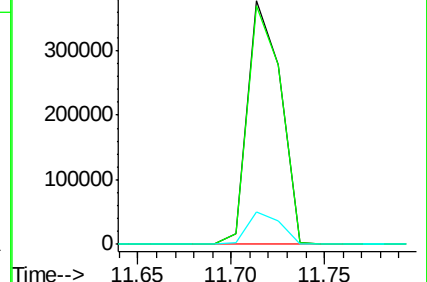
167 13.5 11.0 16.6



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: 38.48 ng

RT: 11.45 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

Tgt Ion:232 Resp: 105477

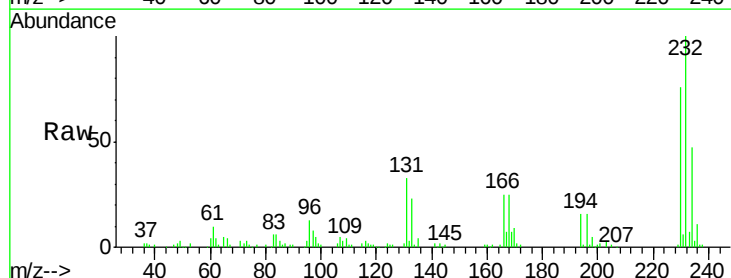
Ion Ratio Lower Upper

232 100

131 51.2 0.0 0.0#

130 2.4 0.0 0.0#

166 32.8 0.0 0.0#

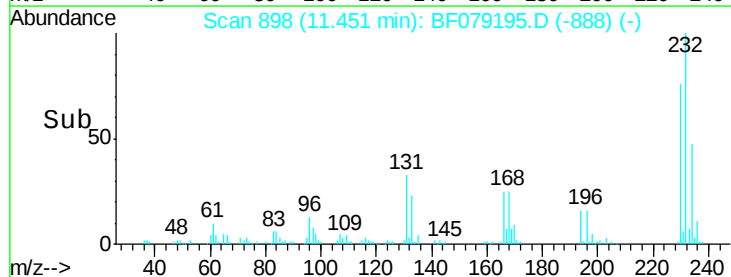
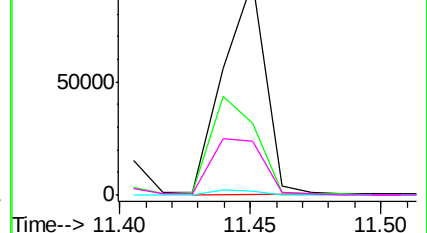


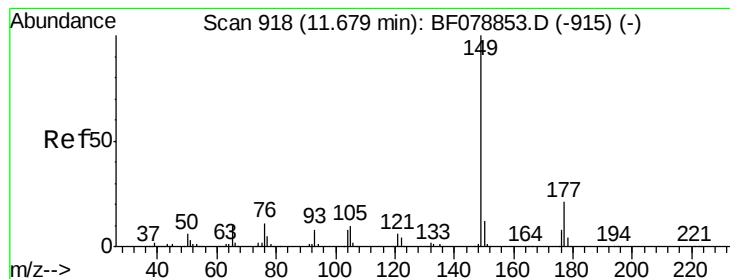
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.07 ng

RT: 11.59 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

Instrument :

BNA_F

ClientSampleId :

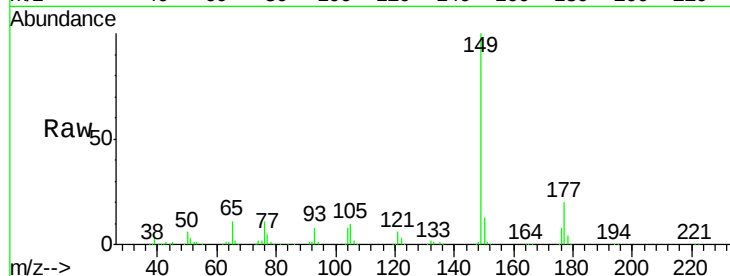
Tot Ion:149 Resp: 474309

Ion Ratio Lower Upper

149 100

177 19.5 17.5 26.3

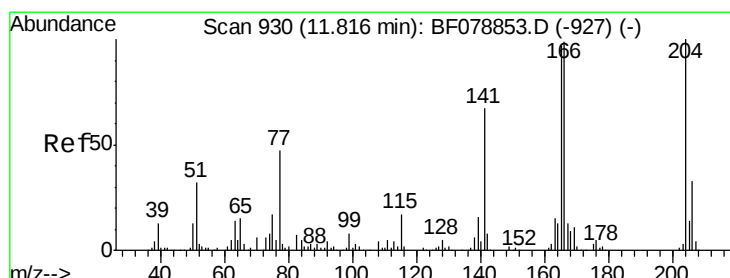
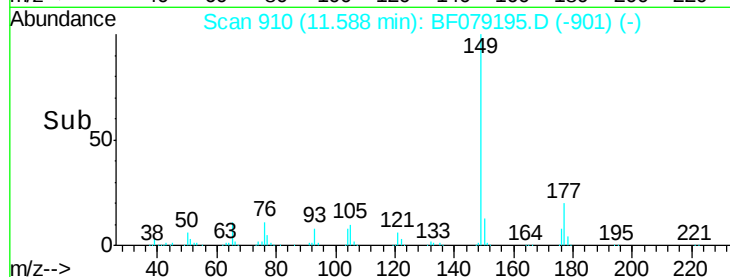
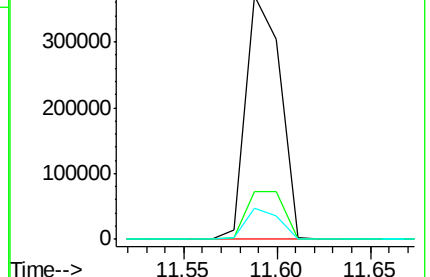
150 12.9 9.6 14.4



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: 37.85 ng

RT: 11.73 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

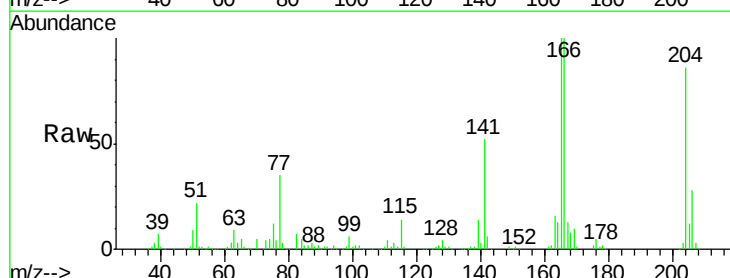
Tgt Ion:204 Resp: 207126

Ion Ratio Lower Upper

204 100

206 32.9 26.9 40.3

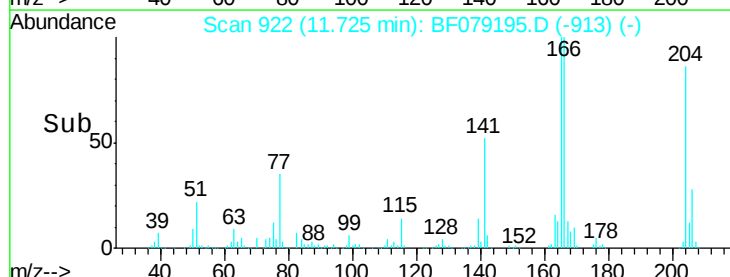
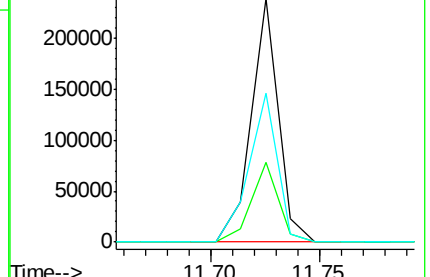
141 61.0 48.3 72.5

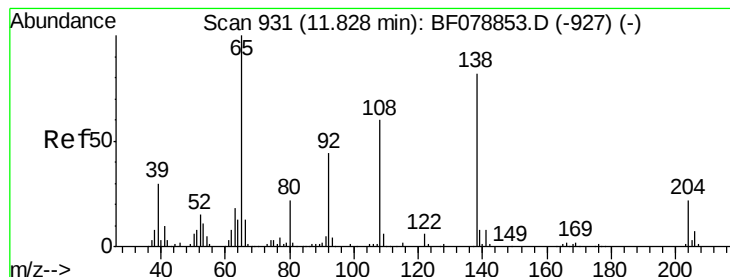


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.00 ng

RT: 11.75 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

Instrument :

BNA_F

ClientSampleId :

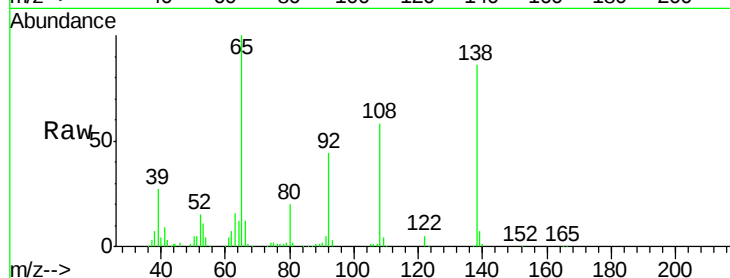
Tot Ion:138 Resp: 133372

Ion Ratio Lower Upper

138 100

92 51.2 28.0 68.0

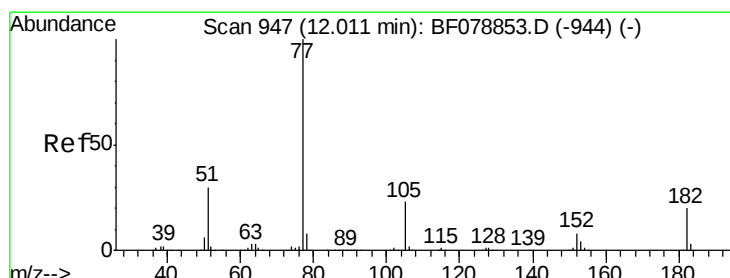
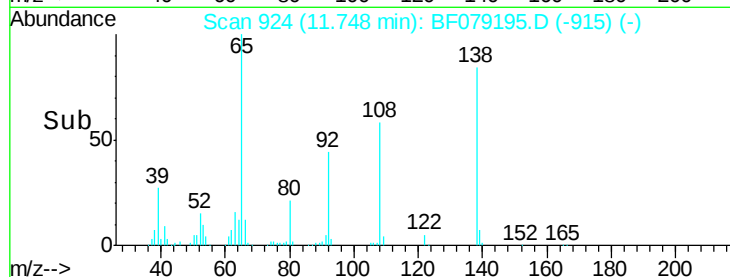
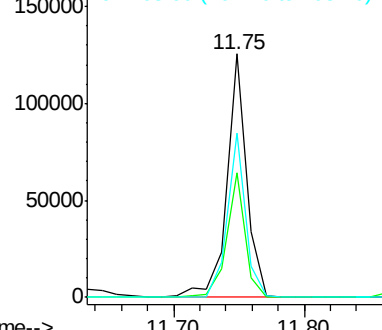
108 67.3 56.3 96.3



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: 39.13 ng

RT: 11.92 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

Tgt Ion: 77 Resp: 480353

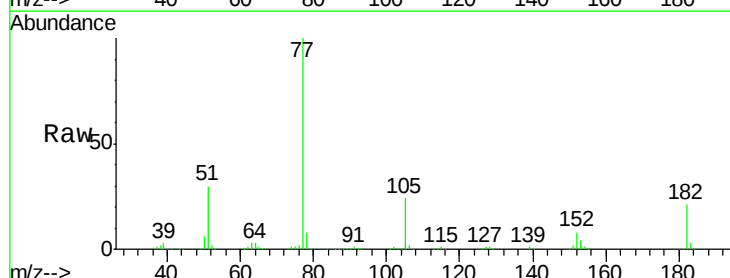
Ion Ratio Lower Upper

77 100

182 20.6 3.8 43.8

105 23.6 3.9 43.9

51 29.6 10.8 50.8

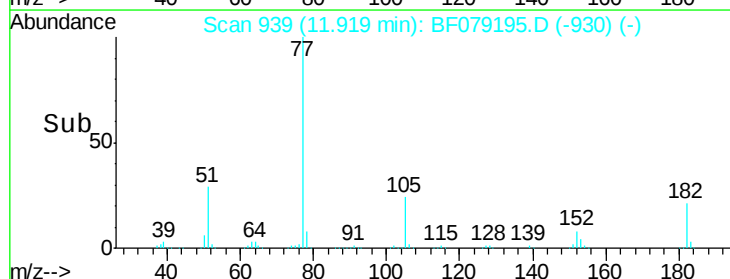
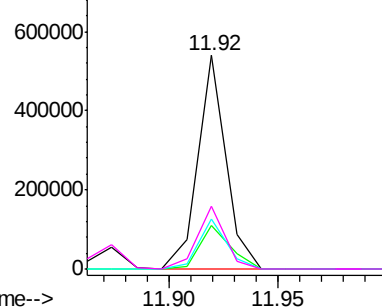


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

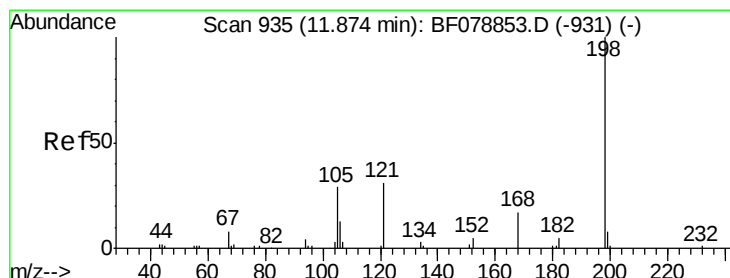
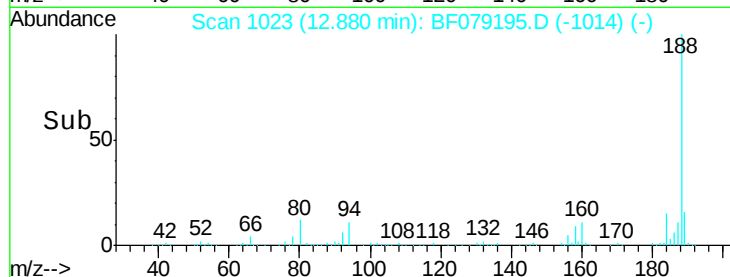
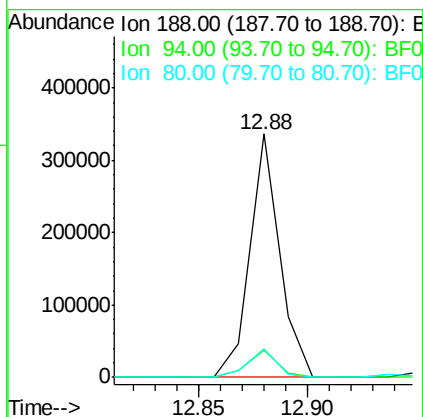
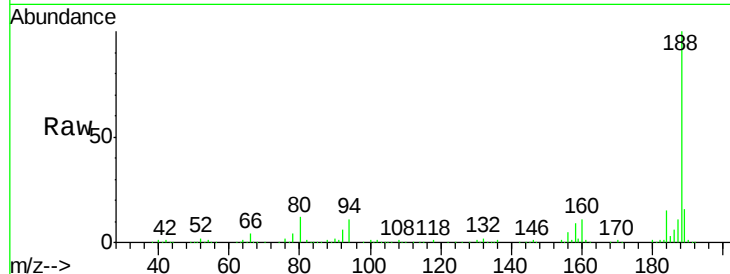




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

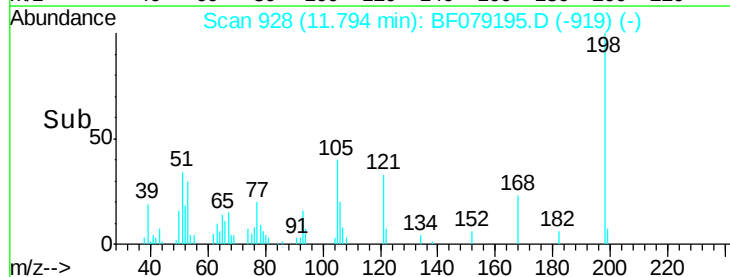
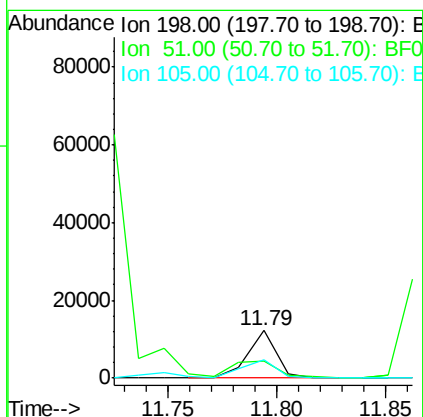
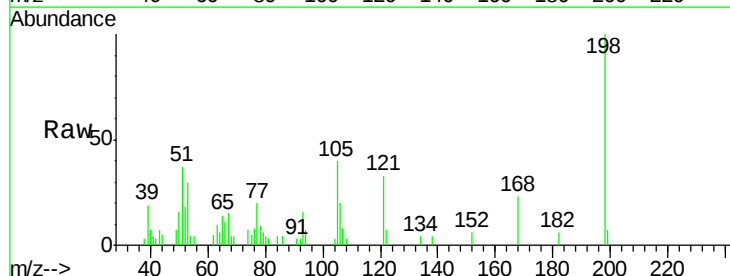
Instrument :
BNA_F
ClientSampleId :

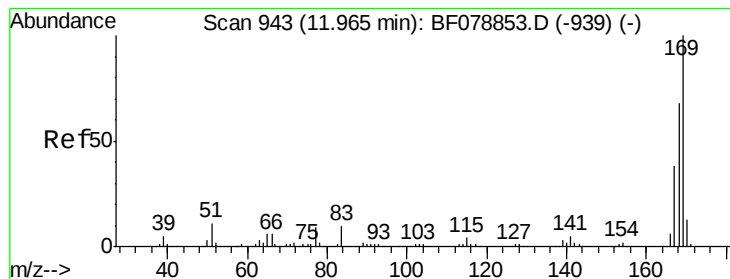
Tot Ion:188 Resp: 320712
Ion Ratio Lower Upper
188 100
94 11.0 8.2 12.2
80 11.6 8.9 13.3



#64
4,6-Dinitro-2-methylphenol
Concen: 12.31 ng
RT: 11.79 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Tgt Ion:198 Resp: 11138
Ion Ratio Lower Upper
198 100
51 36.7 47.3 87.3#
105 39.9 38.8 78.8

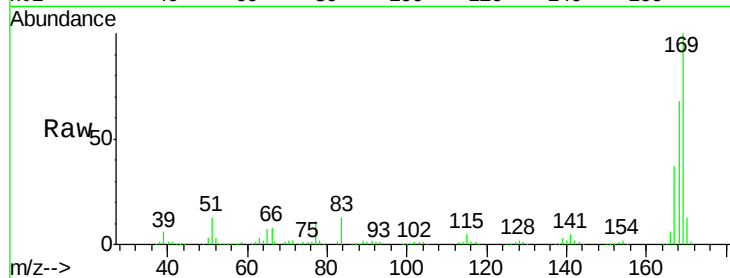




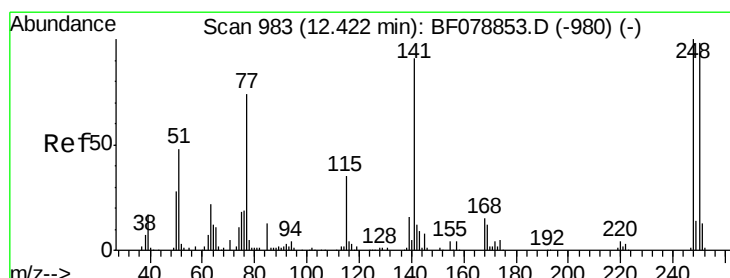
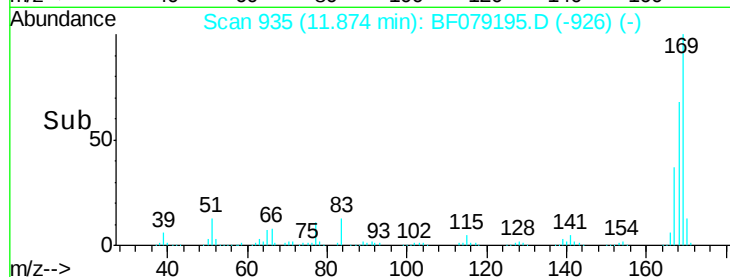
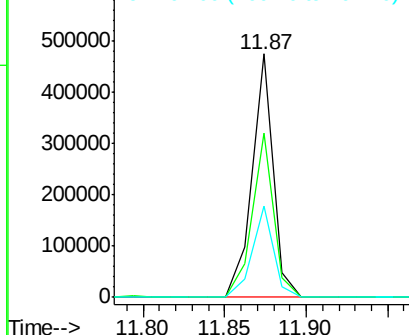
#65
 n-Nitrosodiphenylamine
 Concen: 39.90 ng
 RT: 11.87 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 426205
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.6 82.0
 167 37.3 30.6 45.8

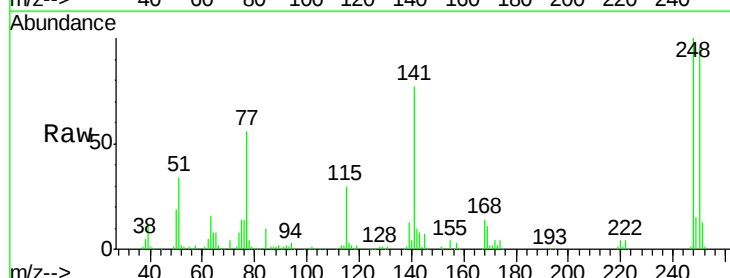


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

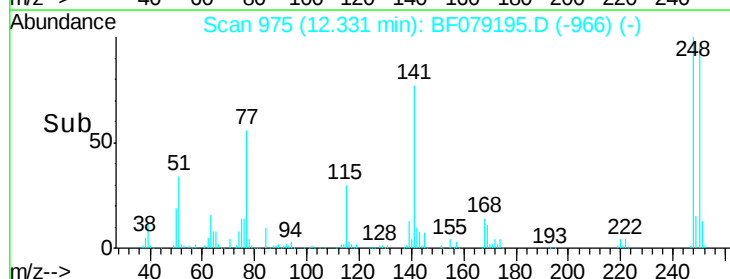
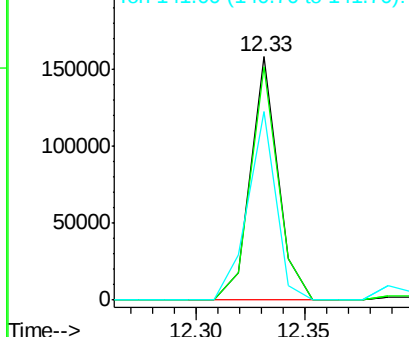


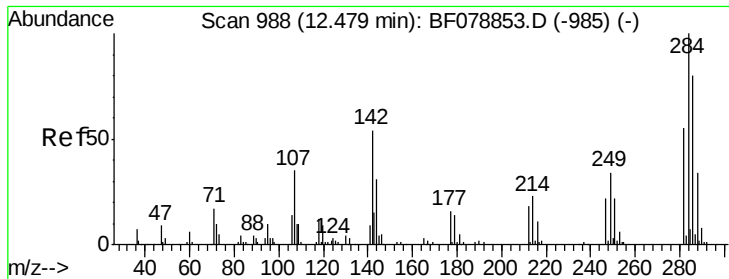
#66
 4-Bromophenyl-phenylether
 Concen: 41.69 ng
 RT: 12.33 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

Tgt Ion:248 Resp: 139372
 Ion Ratio Lower Upper
 248 100
 250 95.8 77.1 115.7
 141 77.4 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

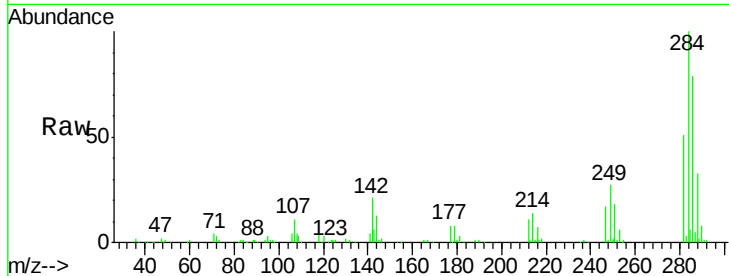




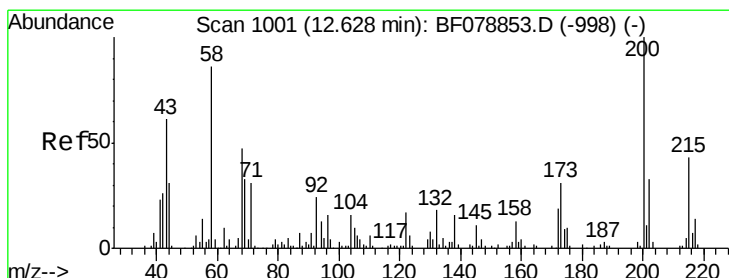
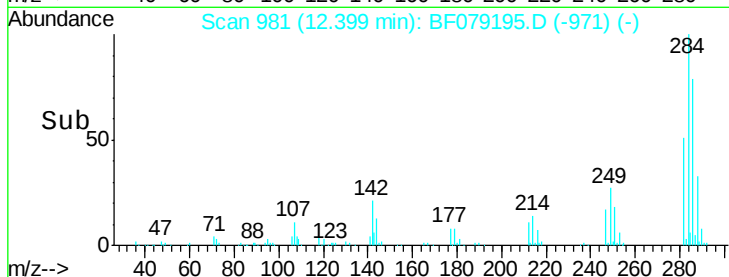
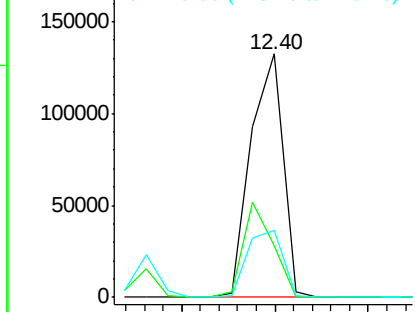
#67
Hexachlorobenzene
Concen: 41.42 ng
RT: 12.40 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 158263
Ion Ratio Lower Upper
284 100
142 21.2 35.2 52.8#
249 27.4 25.4 38.2

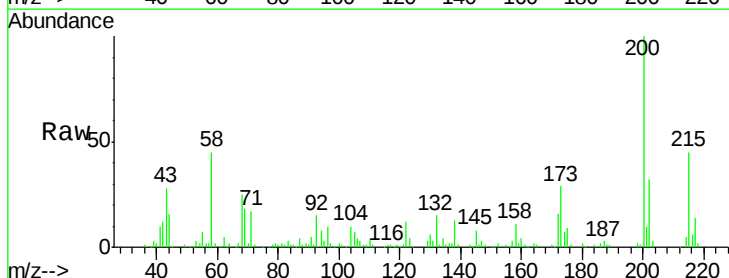


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

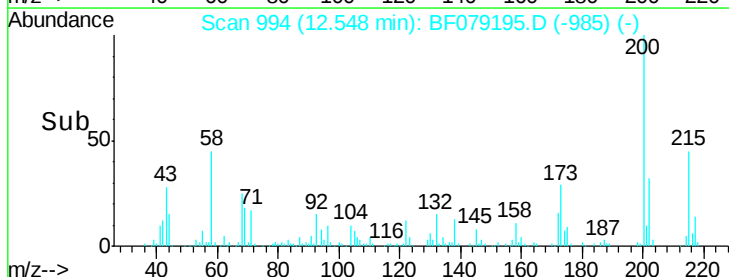
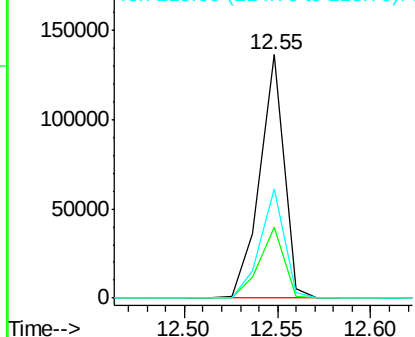


#68
Atrazine
Concen: 39.40 ng
RT: 12.55 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Tgt Ion:200 Resp: 122358
Ion Ratio Lower Upper
200 100
173 29.0 8.1 48.1
215 44.8 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

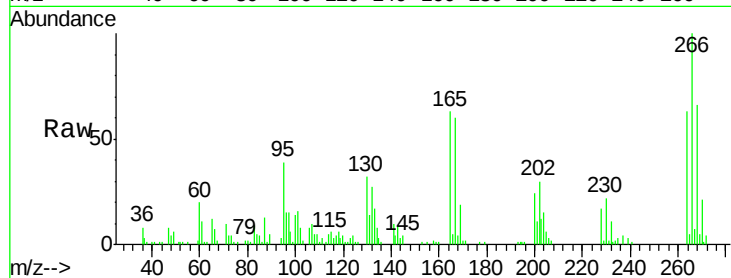




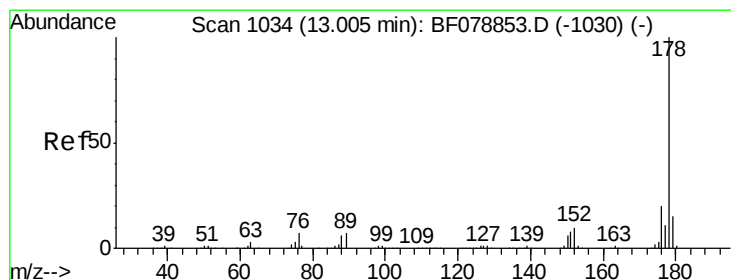
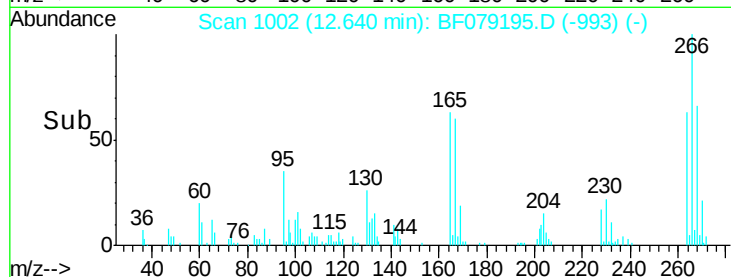
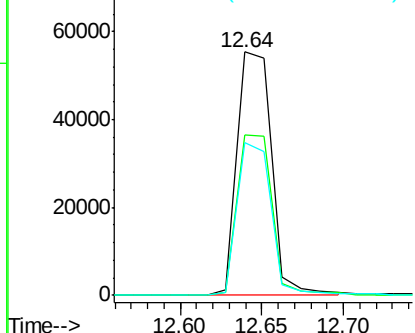
#69
 Pentachlorophenol
 Concen: 39.99 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 81024
 Ion Ratio Lower Upper
 266 100
 268 65.9 55.0 82.6
 264 62.6 48.2 72.2

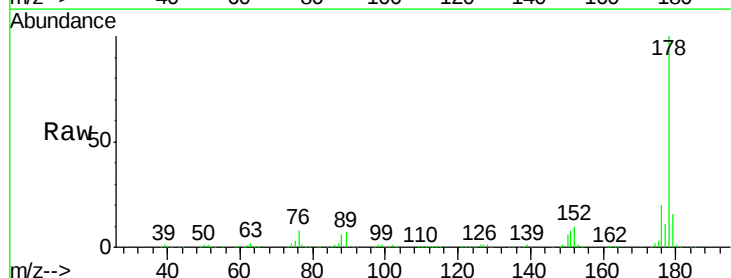


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

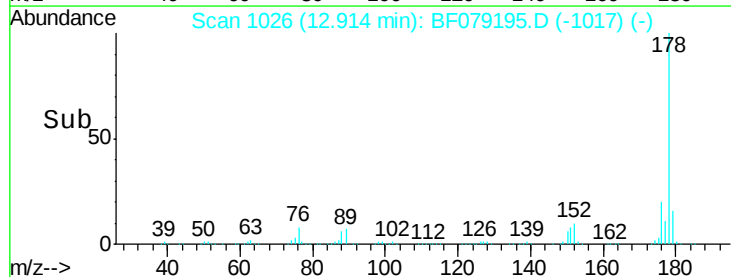
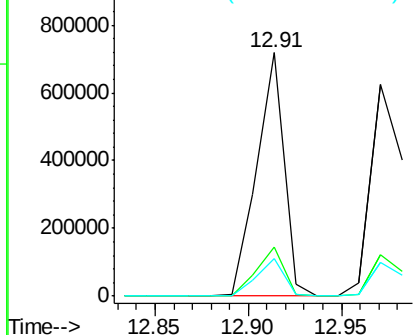


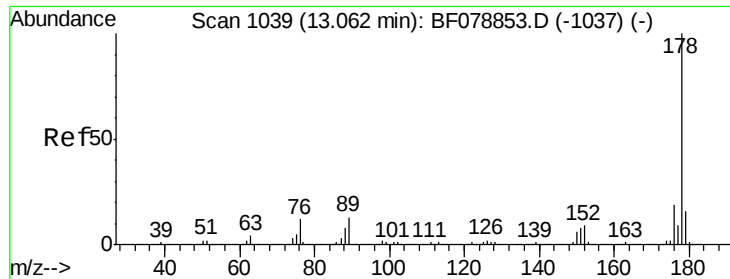
#70
 Phenanthrene
 Concen: 40.60 ng
 RT: 12.91 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

Tgt Ion:178 Resp: 728415
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.7 12.5 18.7



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

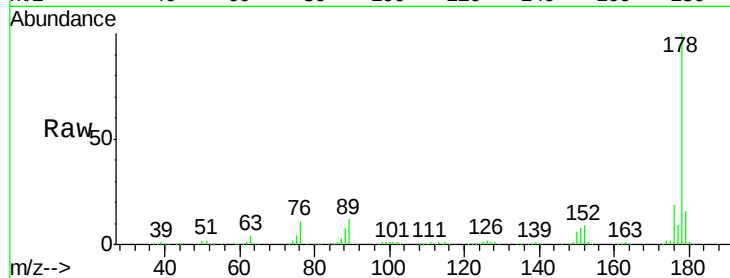




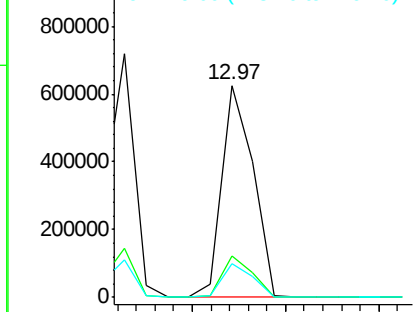
#71
 Anthracene
 Concen: 41.64 ng
 RT: 12.97 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

Instrument :
 BNA_F
 ClientSampleId :

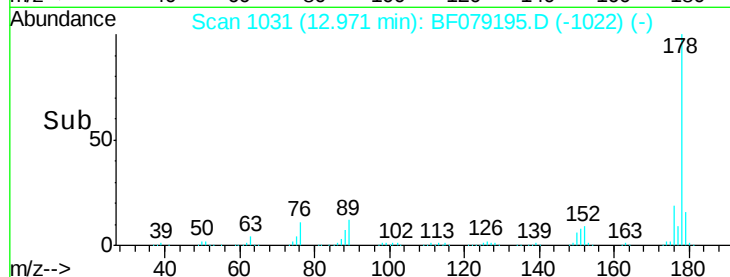
Tot Ion:178 Resp: 732887
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 16.0 12.7 19.1



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

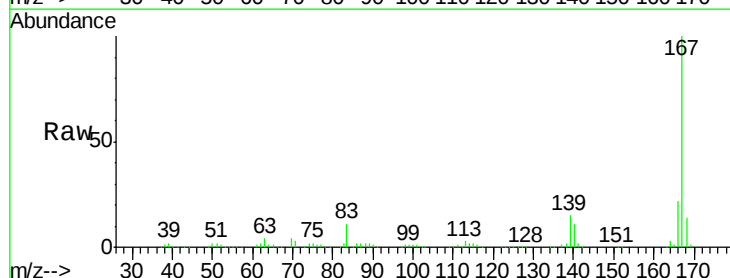


Time-->

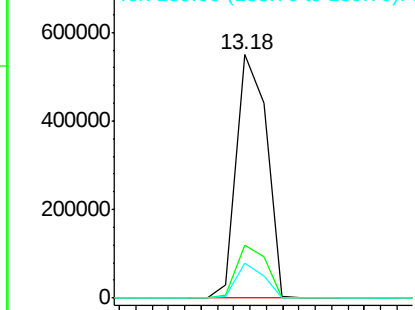


#72
 Carbazole
 Concen: 41.96 ng
 RT: 13.18 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

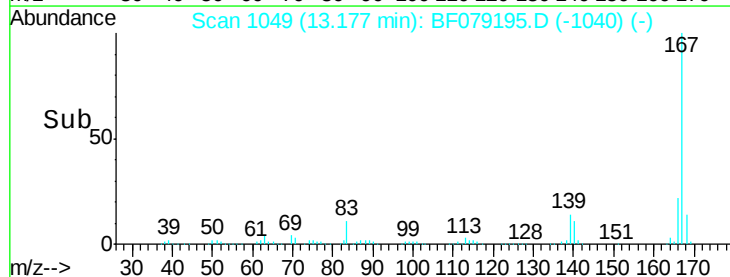
Tgt Ion:167 Resp: 703877
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 14.5 10.6 16.0

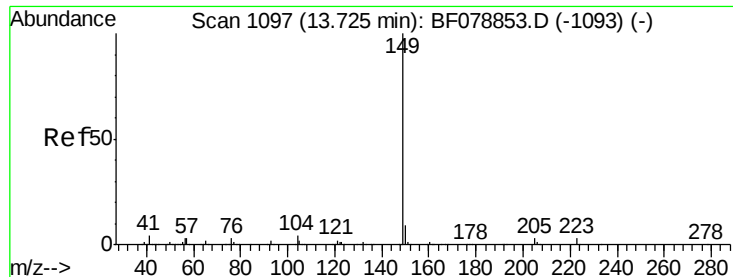


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 42.74 ng

RT: 13.62 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

Instrument :

BNA_F

ClientSampleId :

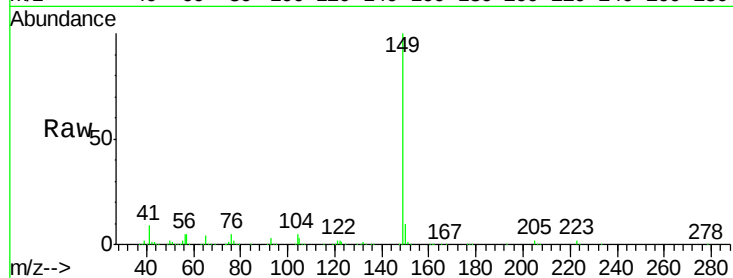
Tot Ion:149 Resp: 859847

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

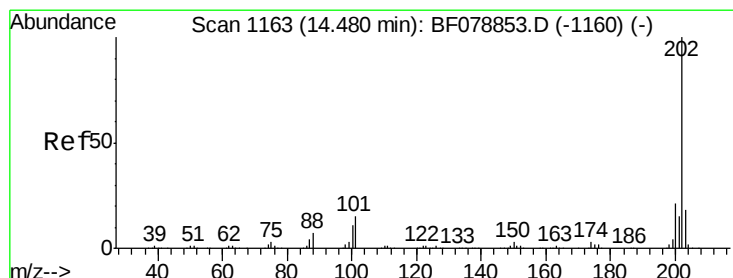
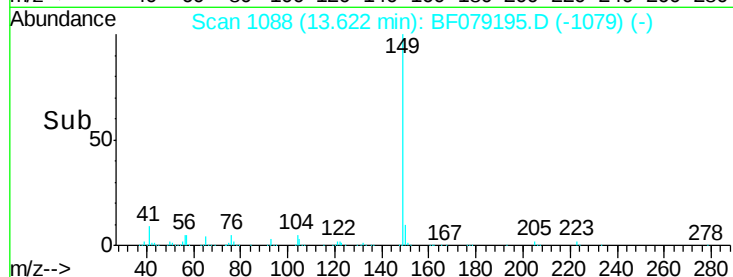
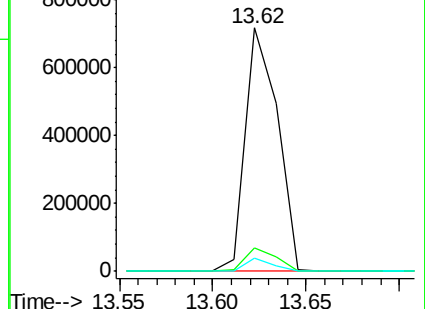
104 5.4 4.6 7.0



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: 42.30 ng

RT: 14.39 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

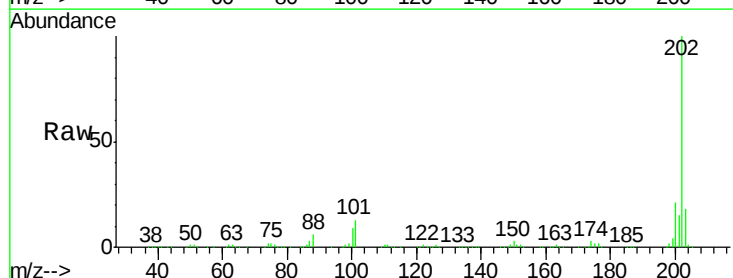
Tgt Ion:202 Resp: 790894

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.6

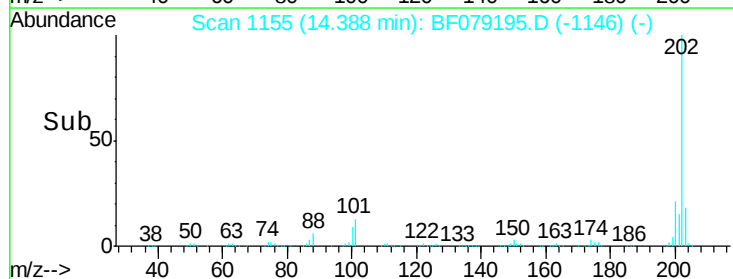
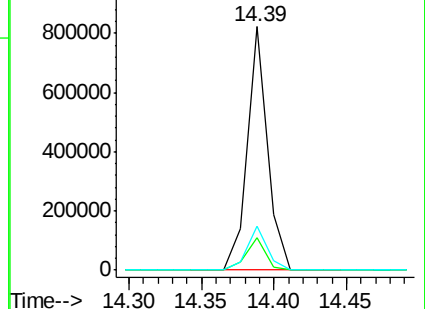
203 18.0 0.0 38.4

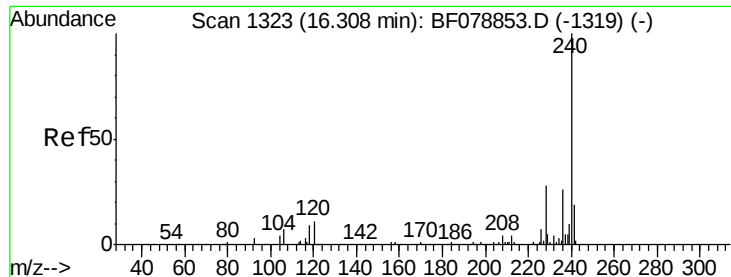


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.19 min Scan# 1313

Delta R.T. 0.02 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

Instrument :

BNA_F

ClientSampleId :

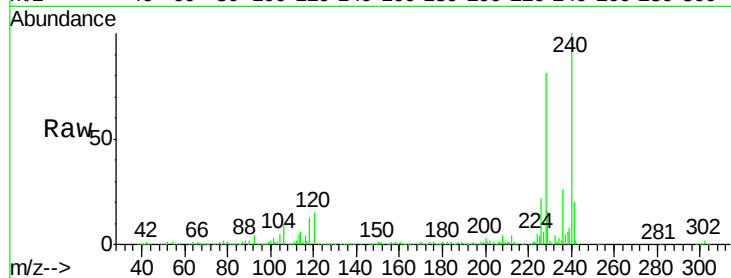
Tot Ion:240 Resp: 329609

Ion Ratio Lower Upper

240 100

120 14.9 9.7 14.5#

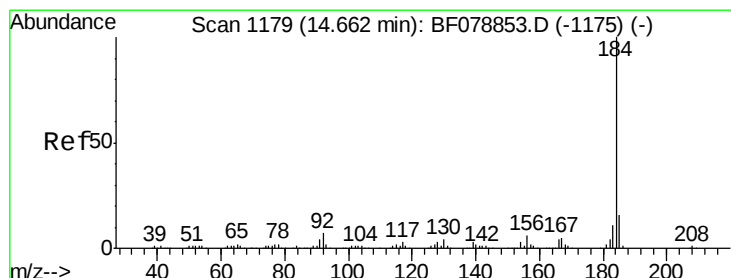
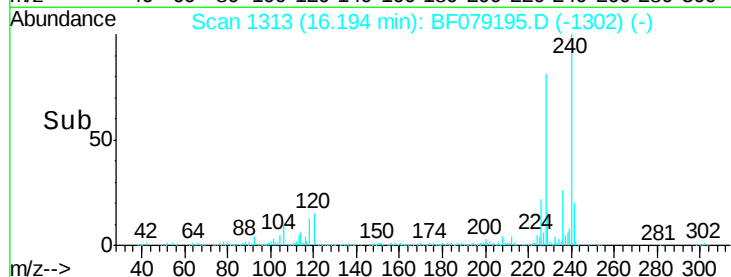
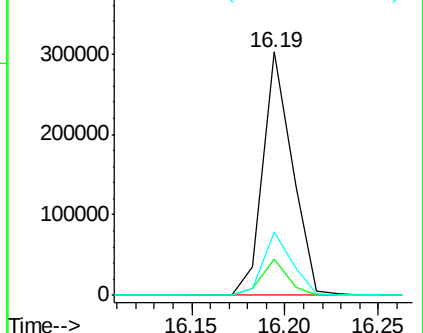
236 25.9 20.2 30.4



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: 54.36 ng

RT: 14.57 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

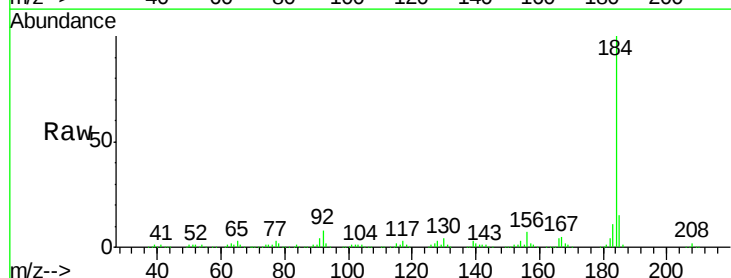
Tgt Ion:184 Resp: 482889

Ion Ratio Lower Upper

184 100

185 14.7 12.3 18.5

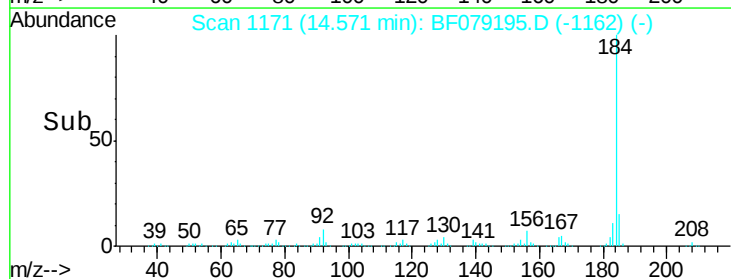
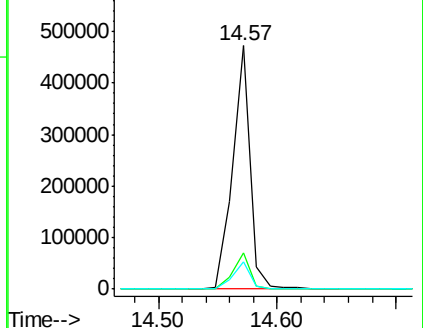
183 11.2 8.4 12.6

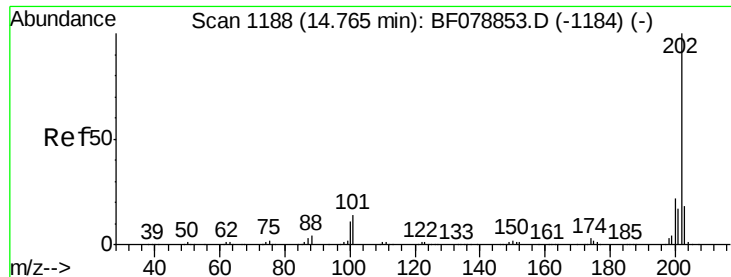


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

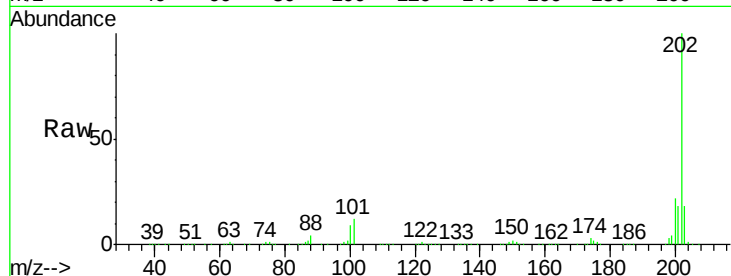




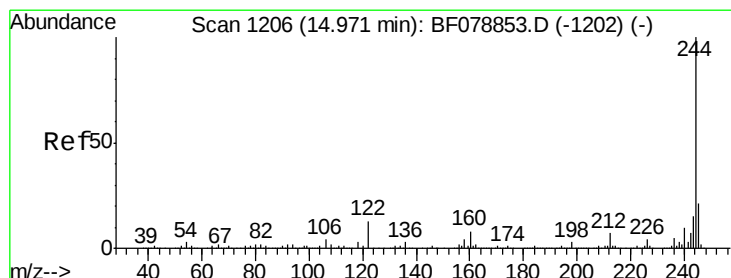
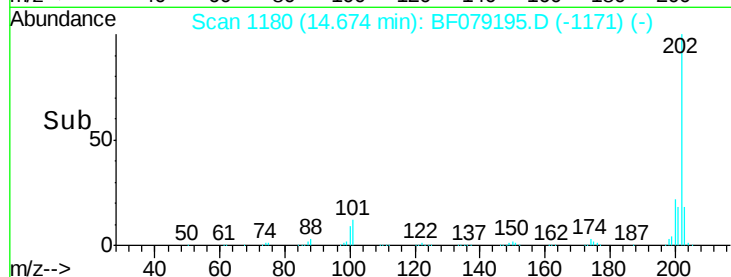
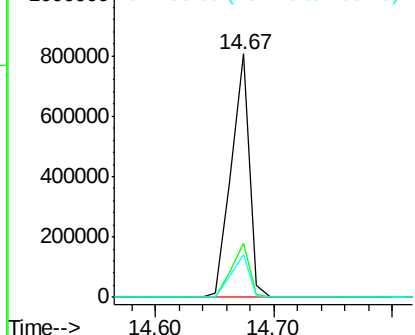
#77
 Pvrene
 Concen: 44.84 ng
 RT: 14.67 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 851622
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.5 26.3
 203 17.7 13.9 20.9

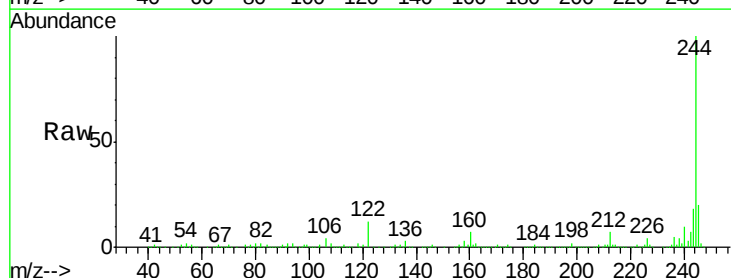


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

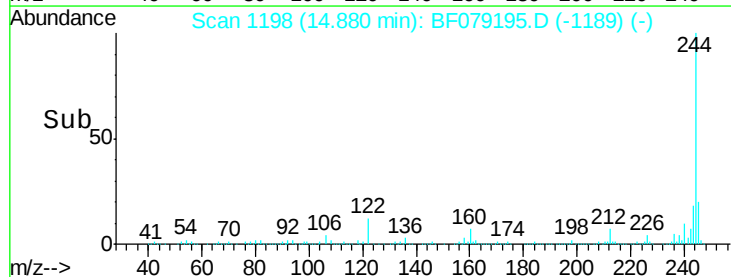
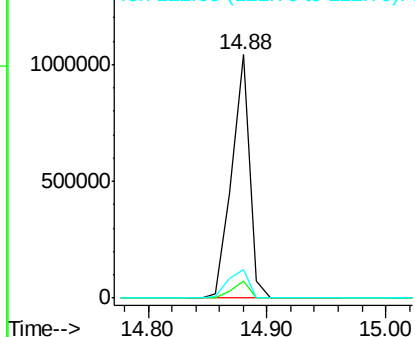


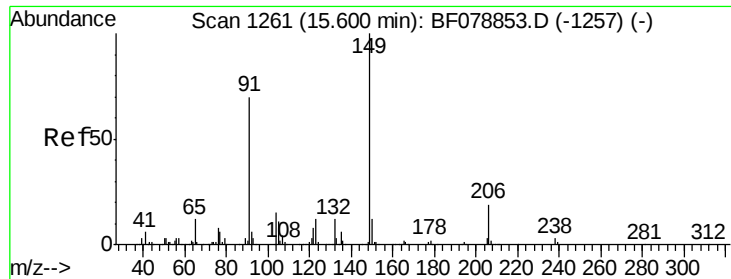
#78
 Terphenyl-d14
 Concen: 79.03 ng
 RT: 14.88 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

Tgt Ion:244 Resp: 1087969
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.7 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

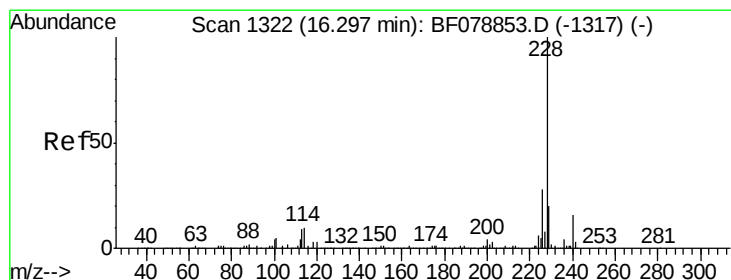
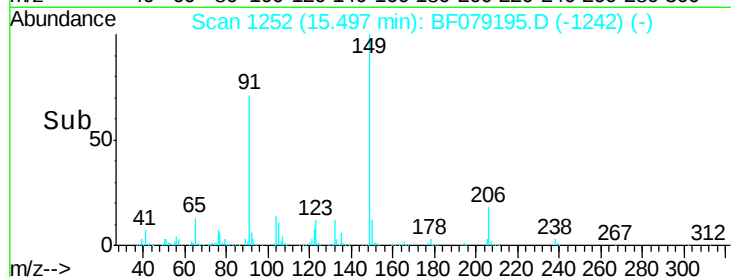
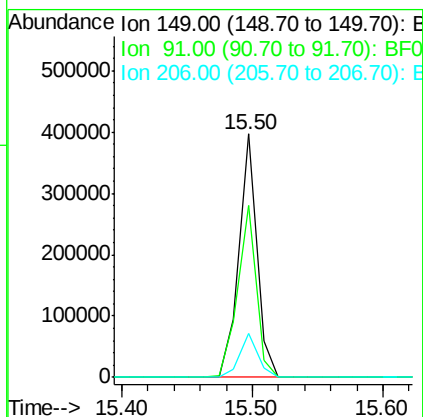
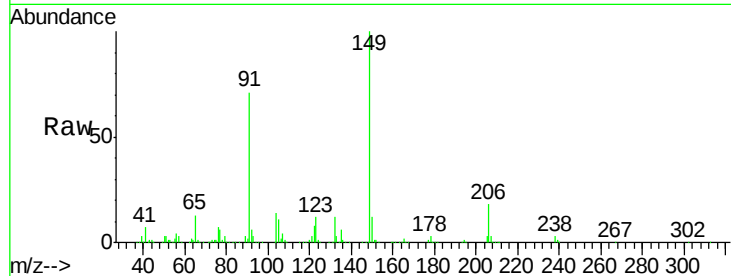




#79
Butylbenzylphthalate
Concen: 45.76 ng
RT: 15.50 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

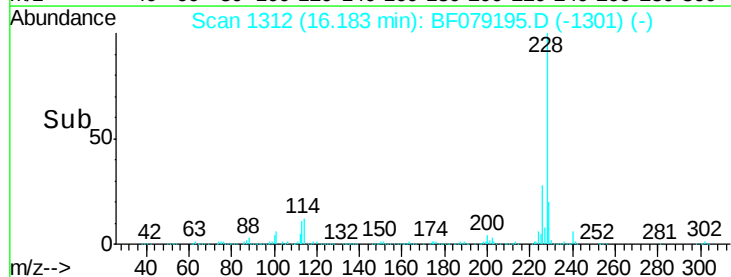
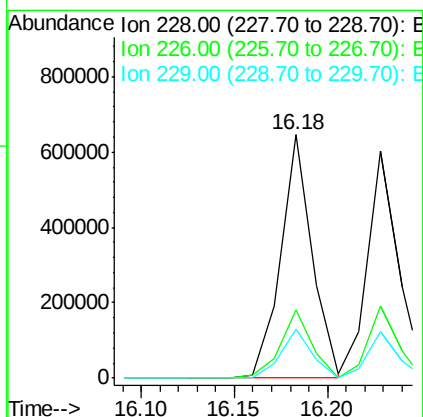
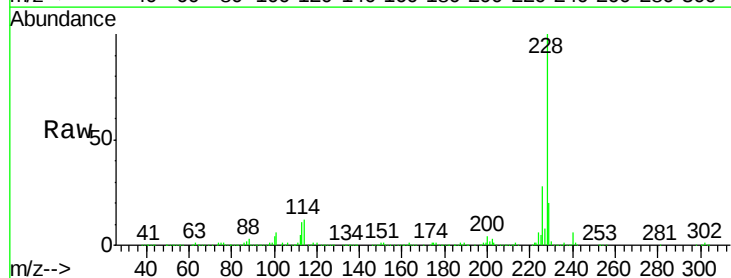
Instrument :
BNA_F
ClientSampleId :

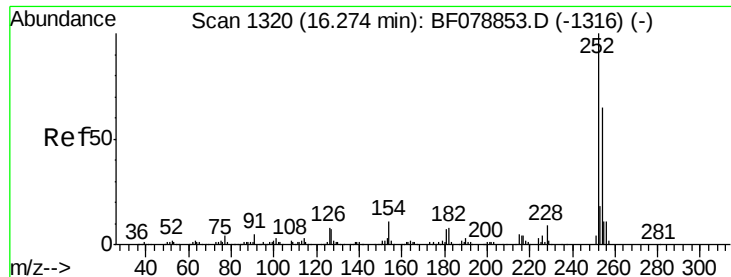
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.8	64.6	97.0
206	18.2	12.2	18.4



#80
Benzo(a)anthracene
Concen: 41.88 ng
RT: 16.18 min Scan# 1312
Delta R.T. 0.02 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.3	15.9	23.9

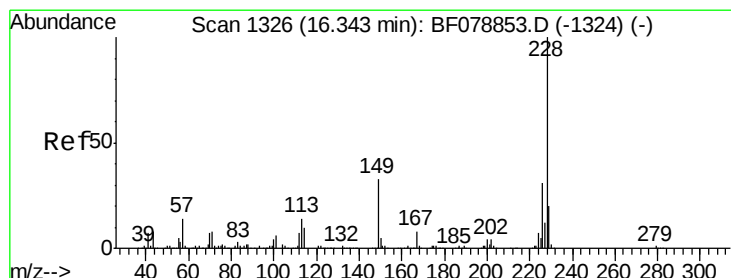
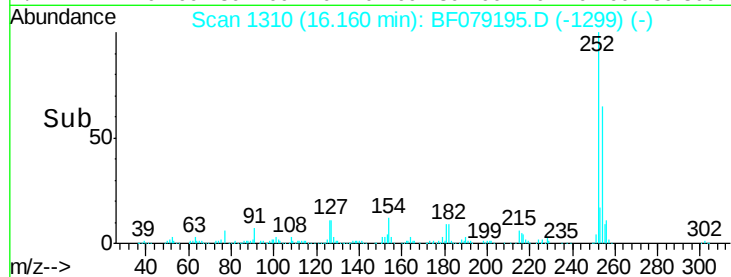
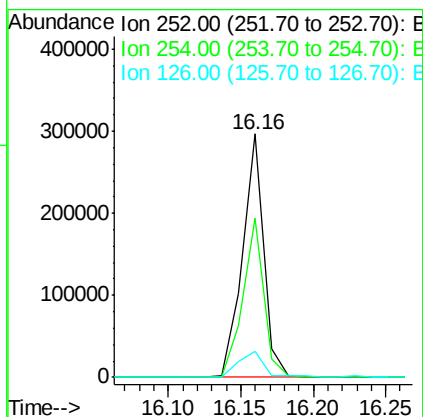
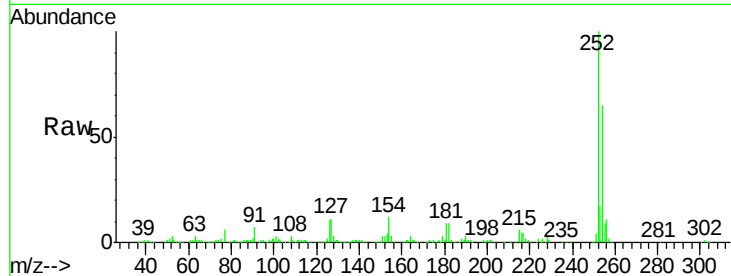




#81
 3,3'-Dichlorobenzidine
 Concen: 46.90 ng
 RT: 16.16 min Scan# 1310
 Delta R.T. 0.02 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

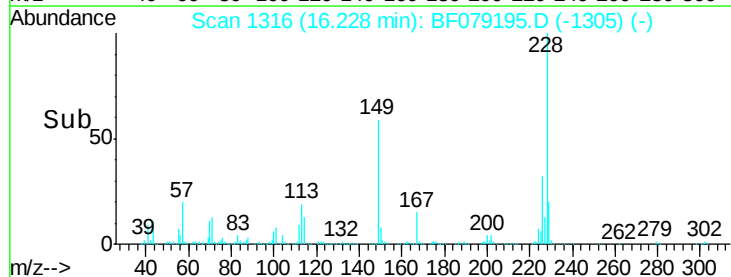
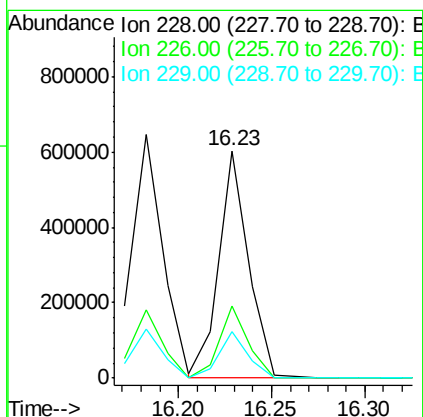
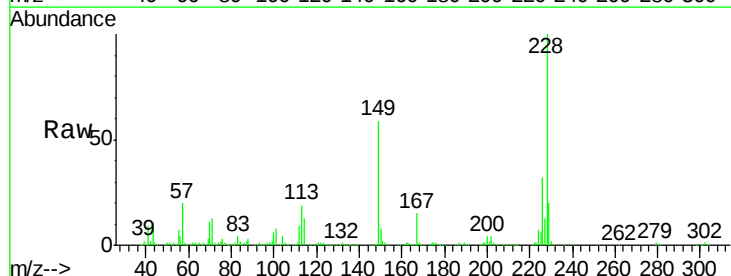
Instrument :
 BNA_F
 ClientSampleId :

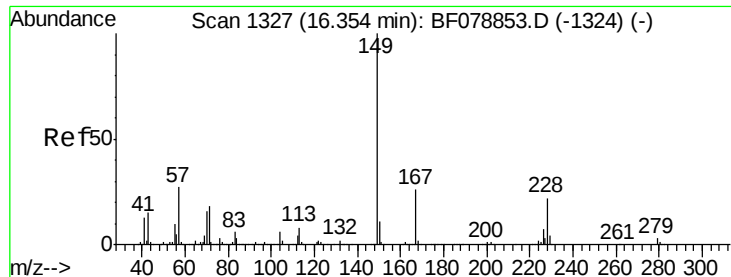
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.3	76.9
126	10.9	6.6	10.0



#82
 Chrysene
 Concen: 38.54 ng
 RT: 16.23 min Scan# 1316
 Delta R.T. 0.02 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	20.3	16.0	24.0

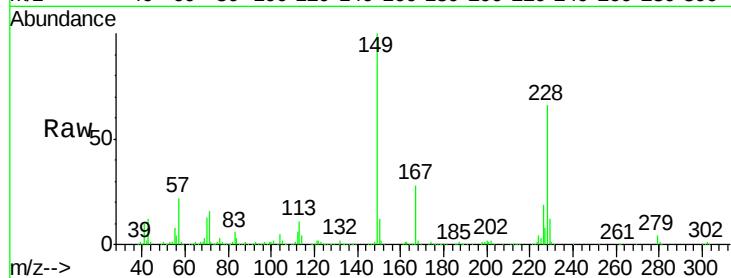




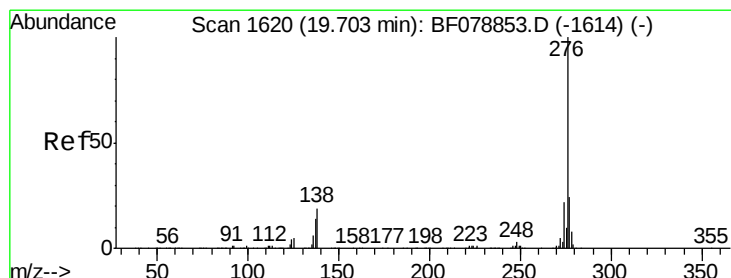
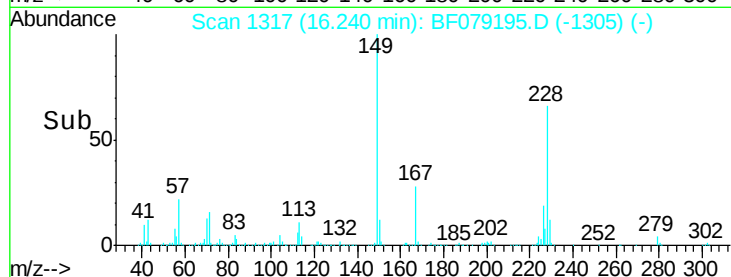
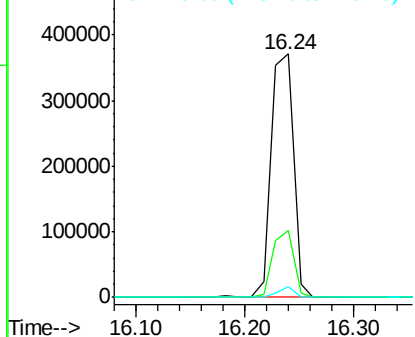
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.06 ng
 RT: 16.24 min Scan# 1317
 Delta R.T. 0.03 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.8	32.8
279	4.2	2.9	4.3

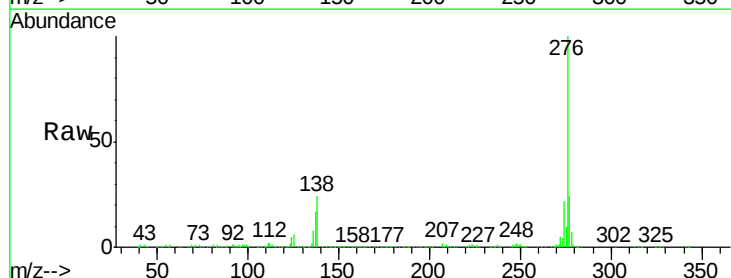


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

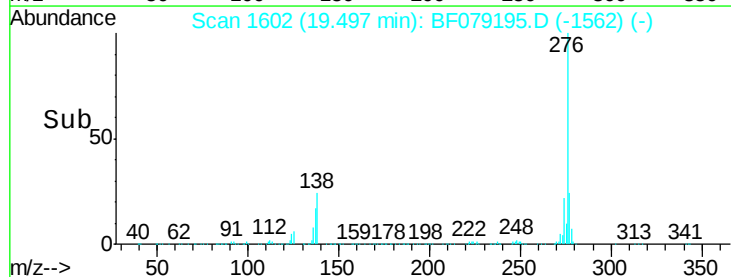
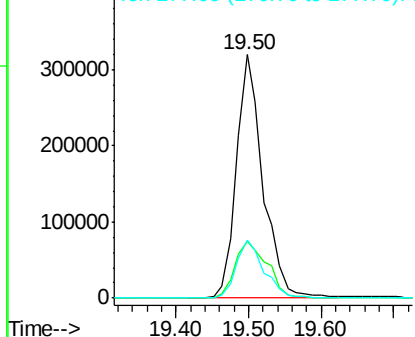


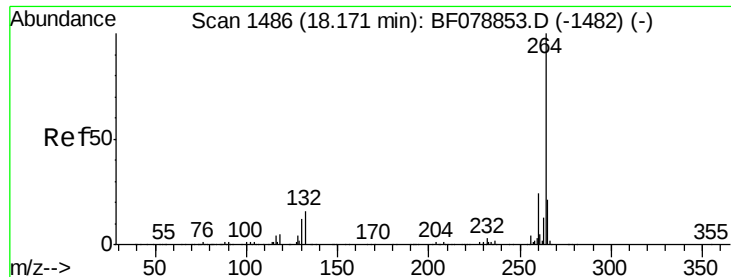
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.85 ng
 RT: 19.50 min Scan# 1602
 Delta R.T. 0.16 min
 Lab File: BF079195.D
 Acq: 13 May 2015 11:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.9	0.0	0.0#
277	25.1	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



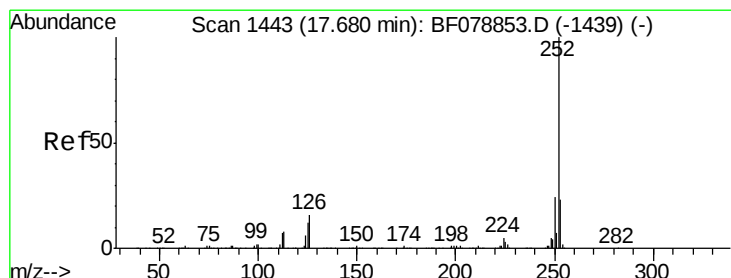
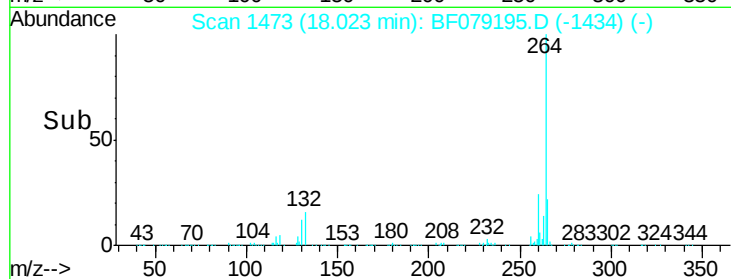
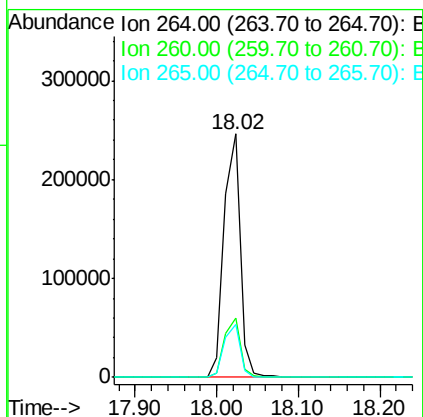
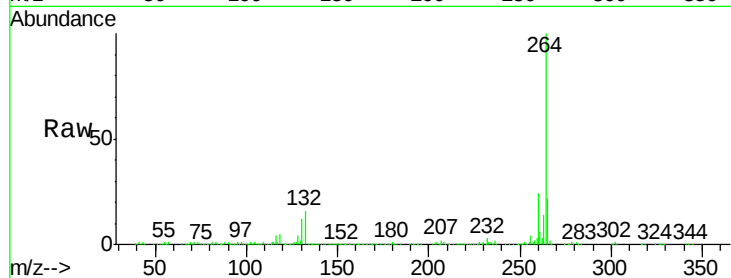


#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.02 min Scan# 1473
Delta R.T. 0.15 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 340613

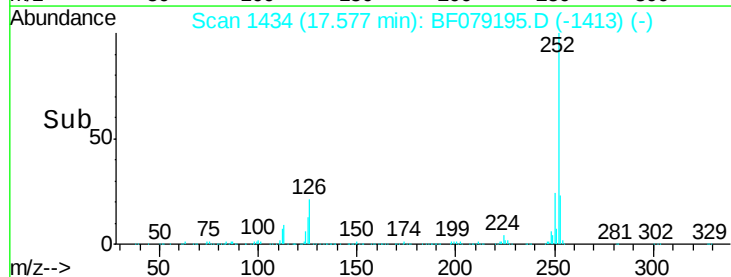
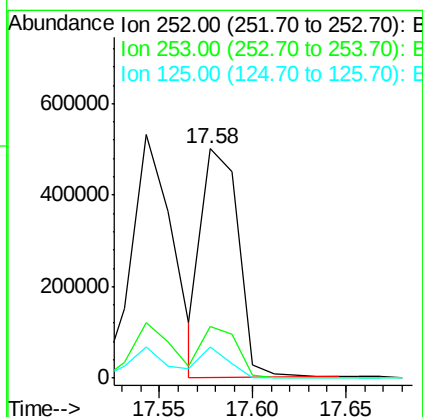
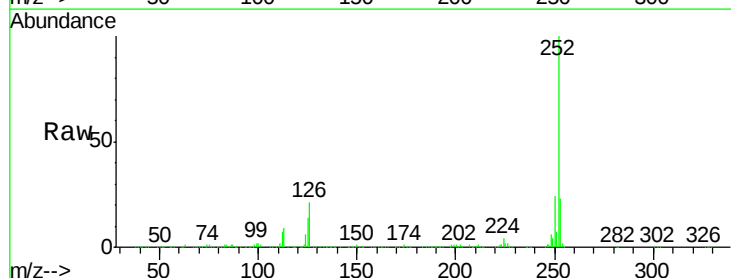
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.6	18.3	27.5

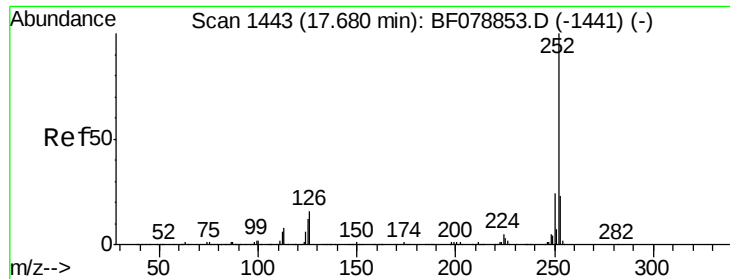


#87
Benzo(b)fluoranthene
Concen: 36.29 ng
RT: 17.58 min Scan# 1434
Delta R.T. 0.14 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Tgt Ion:252 Resp: 676615

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	13.5	9.5	14.3

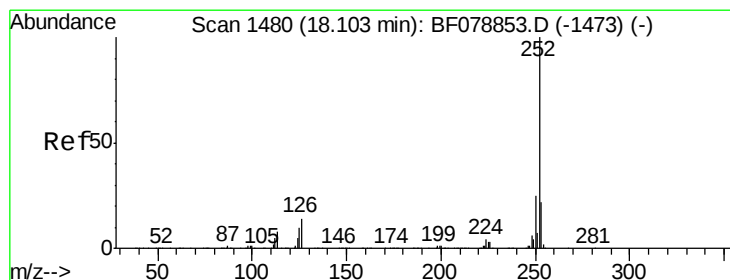
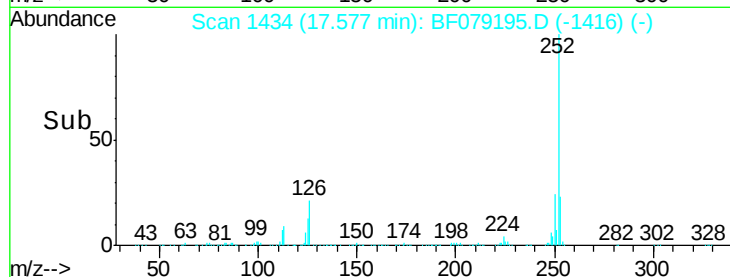
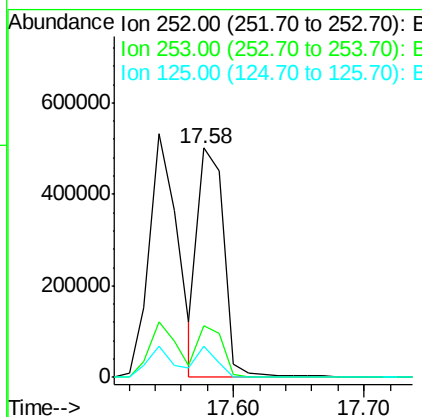
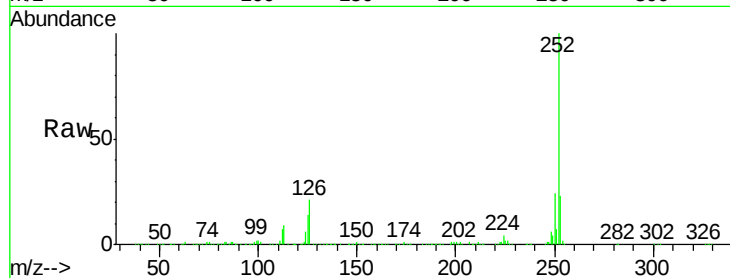




#88
Benzo(k)fluoranthene
Concen: 37.56 ng
RT: 17.58 min Scan# 1434
Delta R.T. 0.10 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

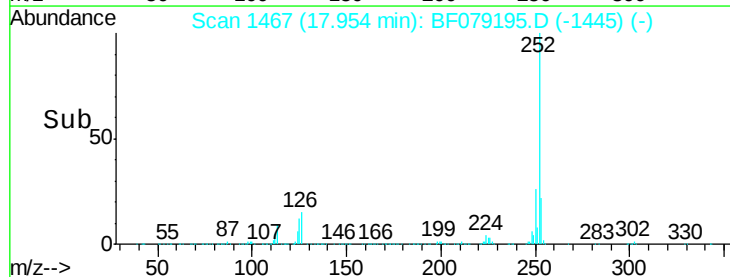
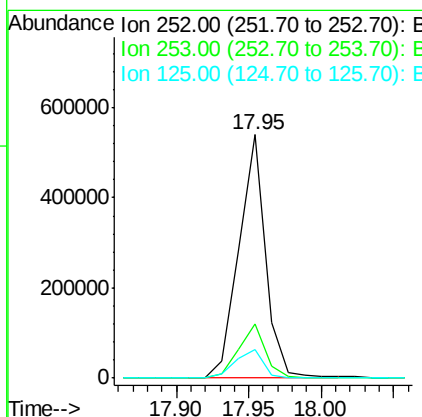
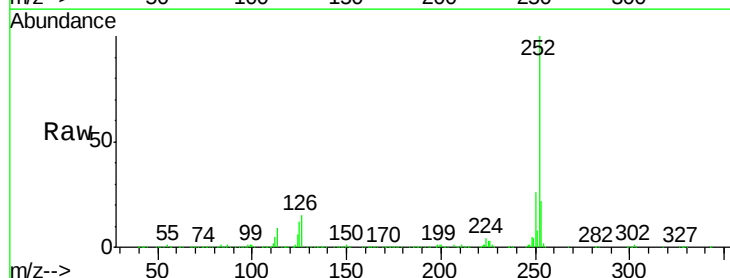
Instrument :
BNA_F
ClientSampleId :

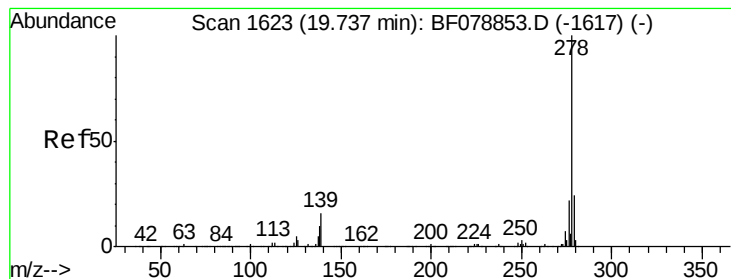
Tot Ion:252 Resp: 677911
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 13.5 10.0 15.0



#89
Benzo(a)pyrene
Concen: 40.17 ng
RT: 17.95 min Scan# 1467
Delta R.T. 0.15 min
Lab File: BF079195.D
Acq: 13 May 2015 11:50

Tgt Ion:252 Resp: 689515
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 11.8 7.0 10.6#





#90

Dibenzo(a,h)anthracene

Concen: 36.02 ng

RT: 19.53 min Scan# 1605

Delta R.T. 0.17 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

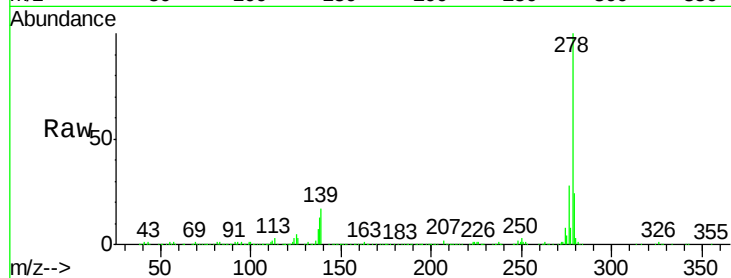
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 657197

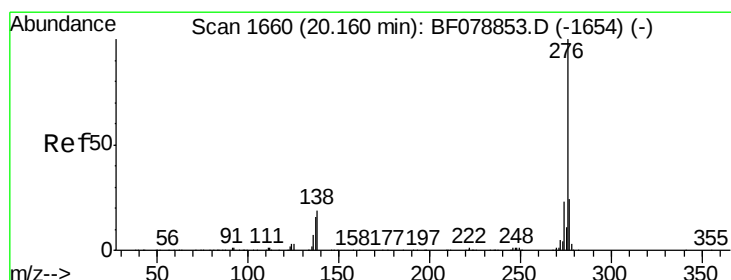
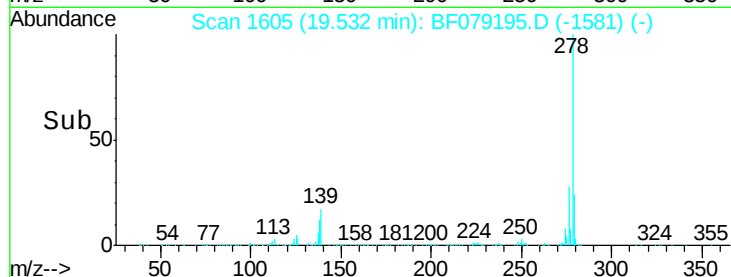
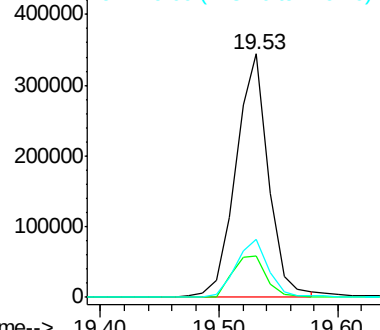
Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.8	19.2
279	24.1	19.6	29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 36.57 ng

RT: 19.94 min Scan# 1641

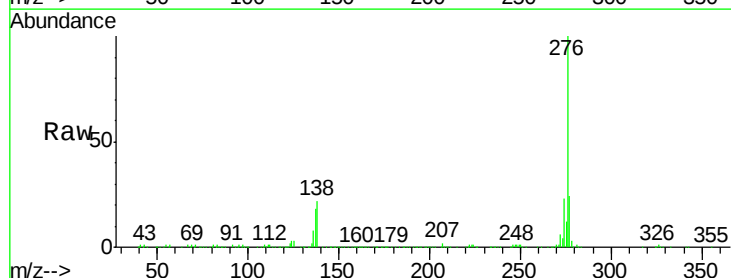
Delta R.T. 0.17 min

Lab File: BF079195.D

Acq: 13 May 2015 11:50

Tgt Ion:276 Resp: 668678

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	22.0	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

