

Data Path : Z:\HPCHEM1\BNA_F\Data\BF060915\
 Data File : BF079832.D
 Acq On : 9 Jun 2015 15:13
 Operator : TP/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060915

Quant Time: Jun 09 16:07:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 15:11:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	47163	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	195946	20.00	ng	0.00
38) Acenaphthene-d10	10.49	164	99906	20.00	ng	0.01
63) Phenanthrene-d10	12.00	188	207234	20.00	ng	0.00
75) Chrysene-d12	15.06	240	205691	20.00	ng	0.00
86) Perylene-d12	17.02	264	186292	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.03	112	232026	81.08	ng	0.00
7) Phenol-d6	7.02	99	315227	85.13	ng	0.00
23) Nitrobenzene-d5	7.98	82	292466	86.22	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	76308	88.26	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	561461	79.04	ng	0.00
78) Terphenyl-d14	13.73	244	735840	80.65	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	53164	40.65	ng	96
3) Pyridine	4.16	79	156448	44.54	ng	97
4) n-Nitrosodimethylamine	4.08	42	70248	39.93	ng	90
6) Aniline	7.07	93	219880	41.23	ng	99
8) 2-Chlorophenol	7.20	128	130221	40.36	ng	91
9) Benzaldehyde	6.97	77	87921	40.47	ng	93
10) Phenol	7.03	94	168062	42.60	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	125316	40.68	ng	98
12) 1,3-Dichlorobenzene	7.36	146	149237	40.37	ng	98
13) 1,4-Dichlorobenzene	7.44	146	166195	39.67	ng	98
14) 1,2-Dichlorobenzene	7.60	146	143479	39.44	ng	99
15) Benzyl Alcohol	7.54	79	123899	41.49	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.68	45	196840	41.23	ng	96
17) 2-Methylphenol	7.64	107	116565	41.99	ng	99
18) Hexachloroethane	7.94	117	54360	41.77	ng	99
19) n-Nitroso-di-n-propylamine	7.80	70	102036	39.55	ng	95
20) 3+4-Methylphenols	7.79	107	149127	41.58	ng	98
22) Acetophenone	7.82	105	201932	41.54	ng	99
24) Nitrobenzene	7.99	77	134552	39.49	ng	97
25) Isophorone	8.23	82	283855	40.14	ng	99
26) 2-Nitrophenol	8.32	139	53812	39.53	ng	95
27) 2,4-Dimethylphenol	8.33	122	125552	39.33	ng	99
28) bis(2-Chloroethoxy)methane	8.43	93	172432	40.27	ng	99
29) 2,4-Dichlorophenol	8.55	162	106265	39.06	ng	# 83
30) 1,2,4-Trichlorobenzene	8.65	180	139996	40.03	ng	99
31) Naphthalene	8.73	128	426738	40.90	ng	100
32) Benzoic acid	8.39	122	38256	37.12	ng	94
33) 4-Chloroaniline	8.76	127	229233	54.39	ng	99
34) Hexachlorobutadiene	8.86	225	77117	40.06	ng	99
35) Caprolactam	9.11	113	33590	42.19	ng	# 64
36) 4-Chloro-3-methylphenol	9.23	107	126205	42.75	ng	99
37) 2-Methylnaphthalene	9.43	142	300832	40.58	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	140033	40.10	ng	98
40) Hexachlorocyclopentadiene	9.59	237	67915	40.70	ng	98

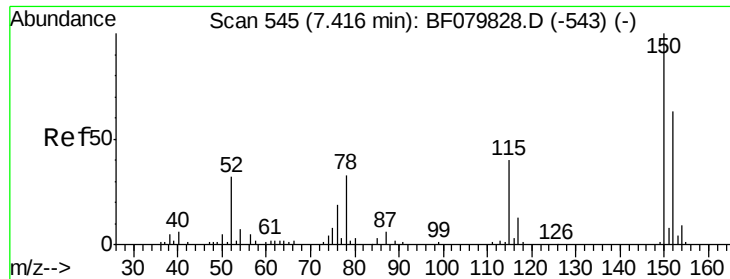
Data Path : Z:\HPCHEM1\BNA_F\Data\BF060915\
 Data File : BF079832.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.70	196	84768	40.19	ng	99
43) 2,4,5-Trichlorophenol	9.74	196	92039	42.28	ng	98
45) 1,1'-Biphenyl	9.90	154	315431	38.08	ng	97
46) 2-Chloronaphthalene	9.92	162	271630	40.16	ng	99
47) 2-Nitroaniline	10.00	65	61285	41.36	ng	98
48) Acenaphthylene	10.34	152	455633	39.62	ng	100
49) Dimethylphthalate	10.17	163	308819	39.65	ng	98
50) 2,6-Dinitrotoluene	10.24	165	57098	42.26	ng	95
51) Acenaphthene	10.51	154	267542	39.77	ng	96
52) 3-Nitroaniline	10.41	138	65580	39.46	ng	100
53) 2,4-Dinitrophenol	10.51	184	12677	40.17	ng	95
54) Dibenzofuran	10.68	168	378939	40.22	ng	98
55) 4-Nitrophenol	10.55	139	50730	42.00	ng	99
56) 2,4-Dinitrotoluene	10.65	165	72223	39.15	ng	99
57) Fluorene	11.04	166	339851	40.73	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.80	232	68721	42.70	ng	97
59) Diethylphthalate	10.88	149	312705	41.01	ng	100
60) 4-Chlorophenyl-phenylether	11.02	204	143953	39.88	ng	96
61) 4-Nitroaniline	11.03	138	72739	44.61	ng	98
62) Azobenzene	11.18	77	307239	40.91	ng	98
64) 4,6-Dinitro-2-methylphenol	11.06	198	24111	38.61	ng	96
65) n-Nitrosodiphenylamine	11.13	169	271936	39.55	ng	98
66) 4-Bromophenyl-phenylether	11.52	248	97443	40.68	ng	96
67) Hexachlorobenzene	11.60	284	103339	41.11	ng	96
68) Atrazine	11.66	200	82801	42.41	ng	91
69) Pentachlorophenol	11.79	266	35685	39.13	ng	99
70) Phenanthrene	12.02	178	482888	39.01	ng	99
71) Anthracene	12.08	178	497167	41.02	ng	99
72) Carbazole	12.23	167	459058	40.91	ng	98
73) Di-n-butylphthalate	12.56	149	494787	42.50	ng	98
74) Fluoranthene	13.31	202	509433	39.24	ng	97
76) Benzidine	13.43	184	256234	41.79	ng	97
77) Pyrene	13.58	202	520400	40.61	ng	99
79) Butylbenzylphthalate	14.30	149	186464	43.43	ng	95
80) Benzo(a)anthracene	15.04	228	510901	41.78	ng	99
81) 3,3'-Dichlorobenzidine	14.98	252	160859	42.13	ng	# 98
82) Chrysene	15.10	228	464368	40.47	ng	100
83) Bis(2-ethylhexyl)phthalate	15.02	149	278977	42.05	ng	# 94
84) Di-n-octyl phthalate	15.86	149	426645	41.40	ng	96
85) Indeno(1,2,3-cd)pyrene	18.97	276	513324	42.36	ng	99
87) Benzo(b)fluoranthene	16.46	252	492511	44.42	ng	# 98
88) Benzo(k)fluoranthene	16.46	252	492511	42.48	ng	98
89) Benzo(a)pyrene	16.94	252	435636	41.57	ng	99
90) Dibenzo(a,h)anthracene	18.99	278	408970	42.13	ng	98
91) Benzo(g,h,i)perylene	19.55	276	422207	41.21	ng	99

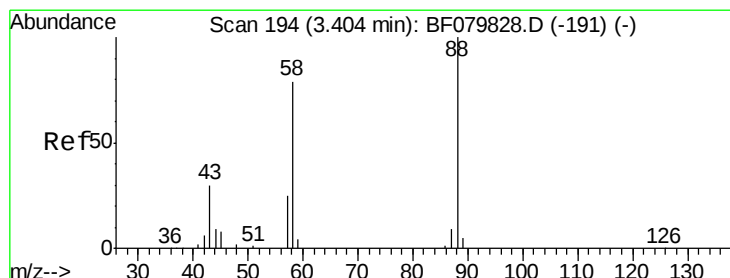
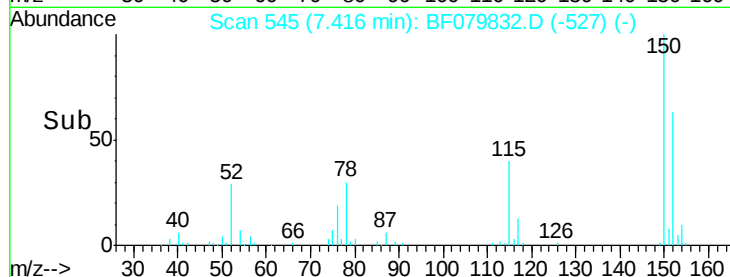
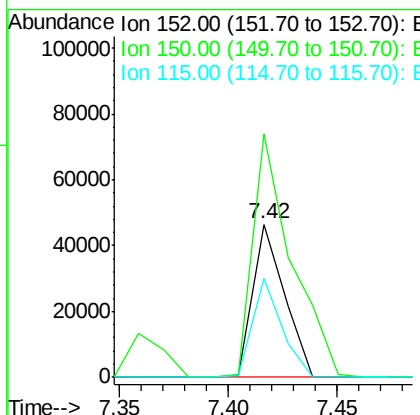
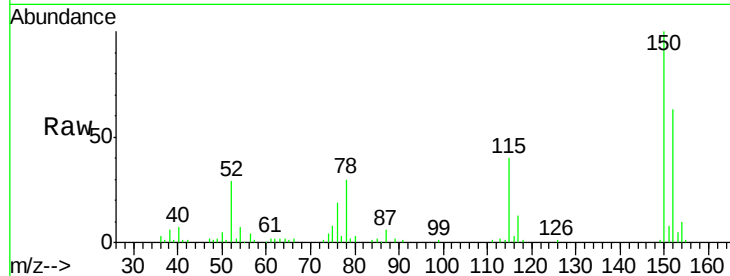
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.42 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

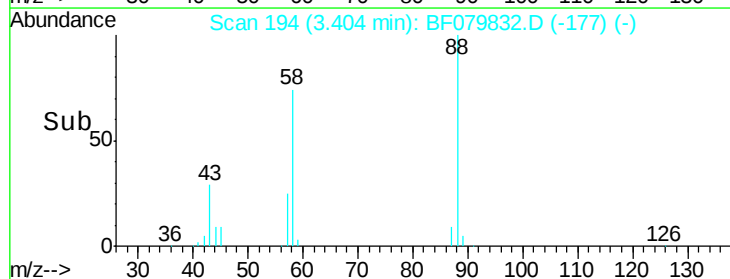
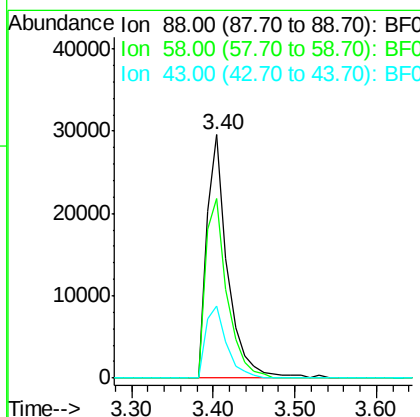
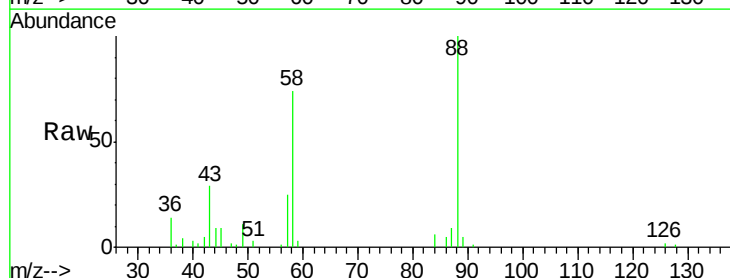
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060915

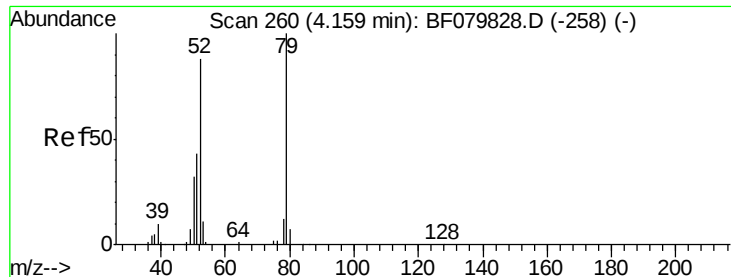
Tgt Ion:152 Resp: 47163
 Ion Ratio Lower Upper
 152 100
 150 158.8 131.4 197.2
 115 64.2 56.5 84.7



#2
 1,4-Dioxane
 Concen: 40.65 ng
 RT: 3.40 min Scan# 194
 Delta R.T. -0.01 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Tgt Ion: 88 Resp: 53164
 Ion Ratio Lower Upper
 88 100
 58 75.5 58.1 87.1
 43 29.8 22.2 33.2





#3

Pyridine

Concen: 44.54 ng

RT: 4.16 min Scan# 260

Delta R.T. -0.03 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

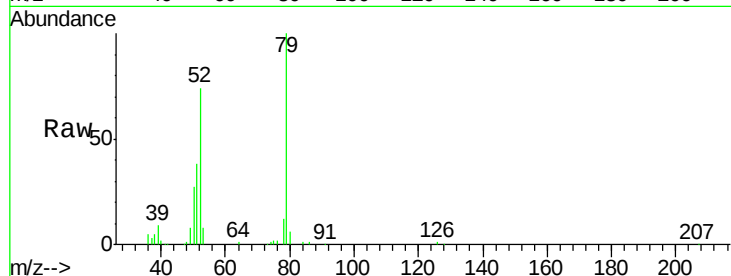
Tgt Ion: 79 Resp: 156448

Ion Ratio Lower Upper

79 100

52 74.1 62.3 93.5

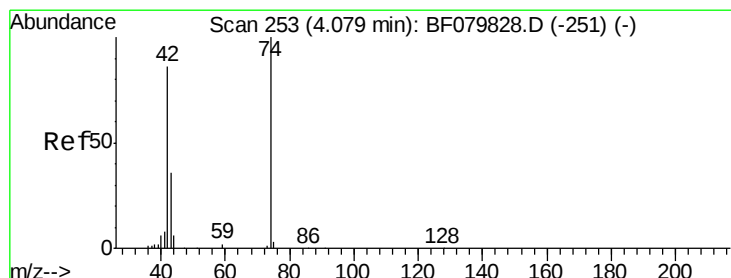
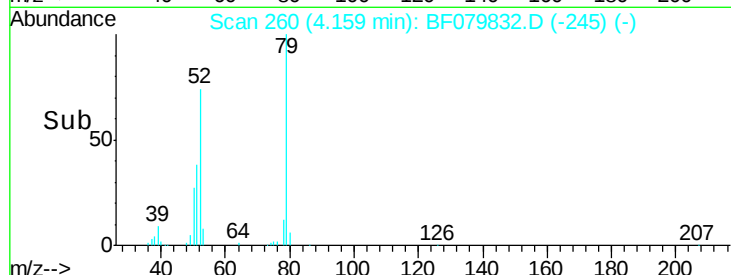
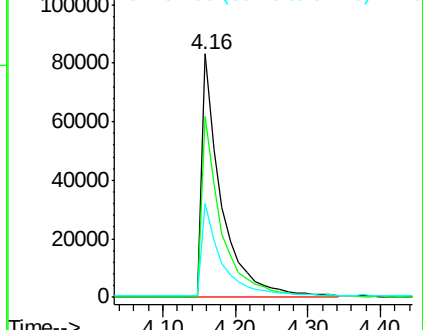
51 38.3 30.5 45.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.93 ng

RT: 4.08 min Scan# 253

Delta R.T. -0.01 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

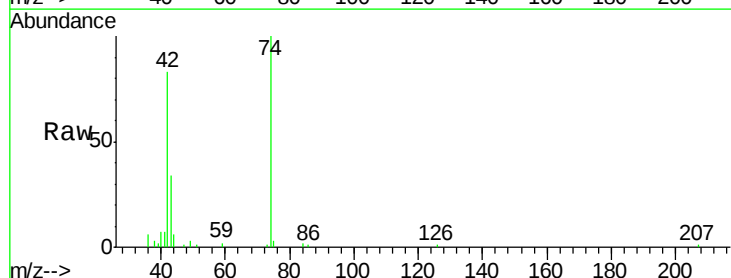
Tgt Ion: 42 Resp: 70248

Ion Ratio Lower Upper

42 100

74 120.0 105.8 158.6

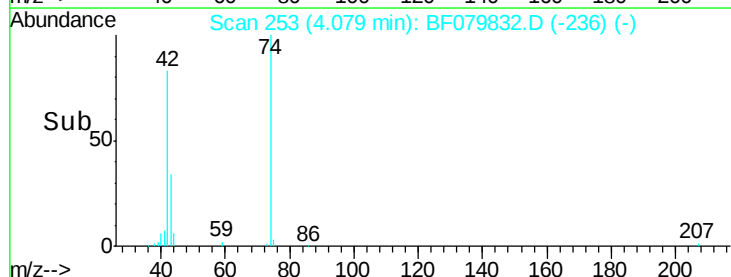
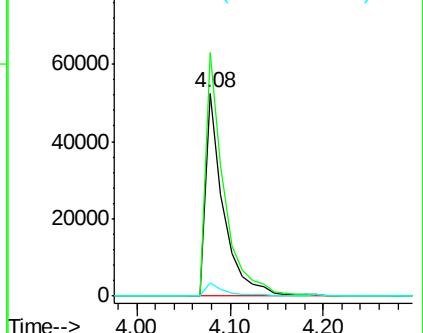
44 6.6 5.7 8.5

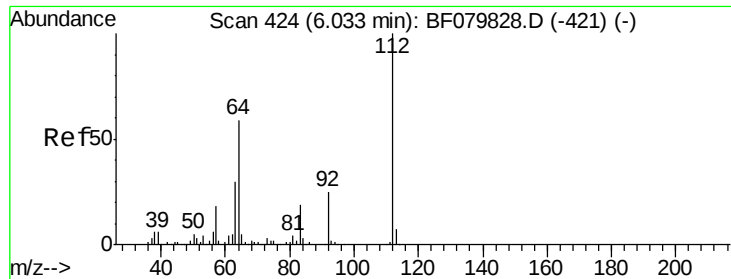


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.08 ng

RT: 6.03 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

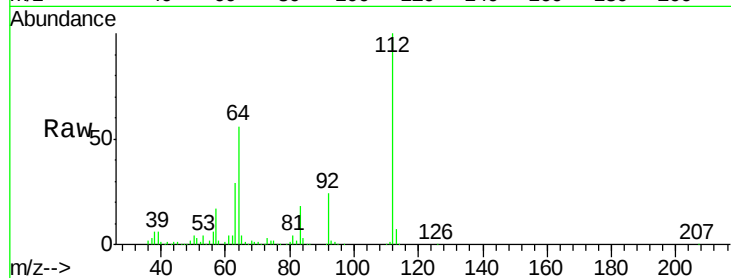
Tgt Ion: 112 Resp: 232026

Ion Ratio Lower Upper

112 100

64 55.6 44.2 66.4

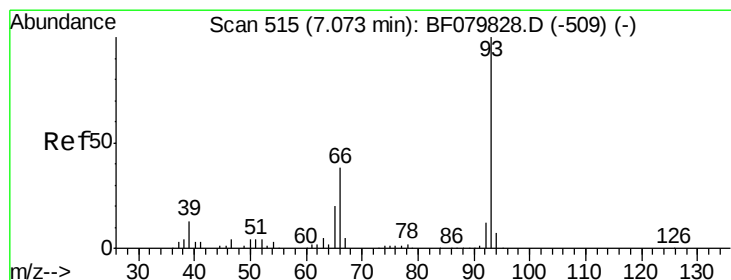
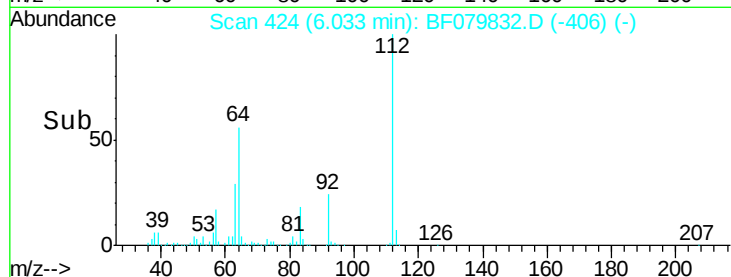
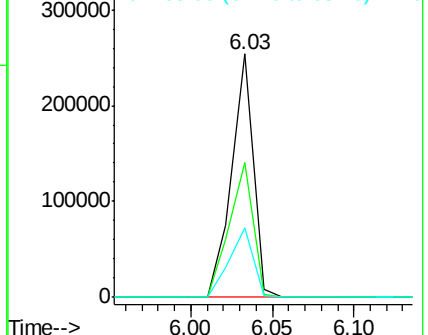
63 28.8 22.8 34.2



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: 41.23 ng

RT: 7.07 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

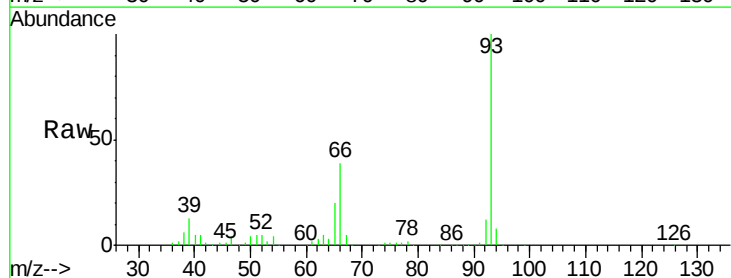
Tgt Ion: 93 Resp: 219880

Ion Ratio Lower Upper

93 100

66 38.8 30.6 46.0

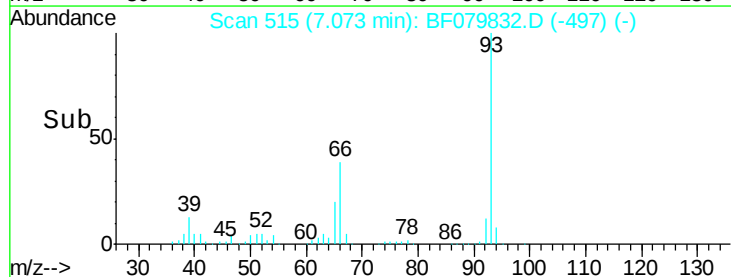
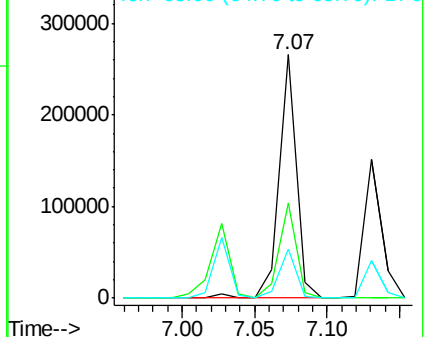
65 20.3 15.9 23.9

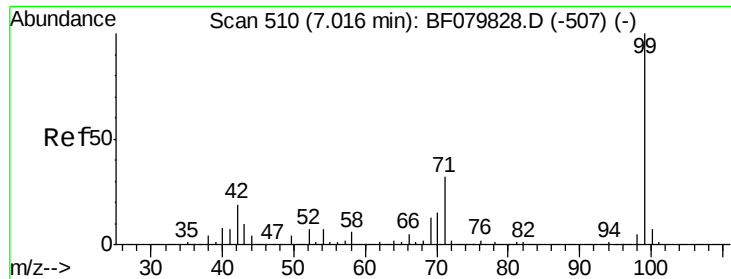


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.13 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

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ClientSampleId :

ICVBF060915

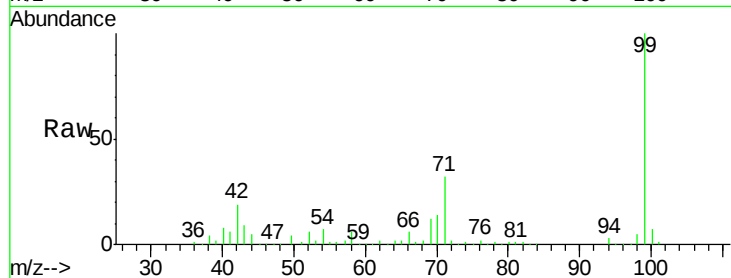
Tgt Ion: 99 Resp: 315227

Ion Ratio Lower Upper

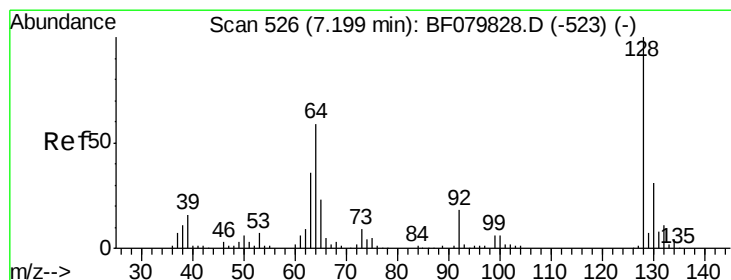
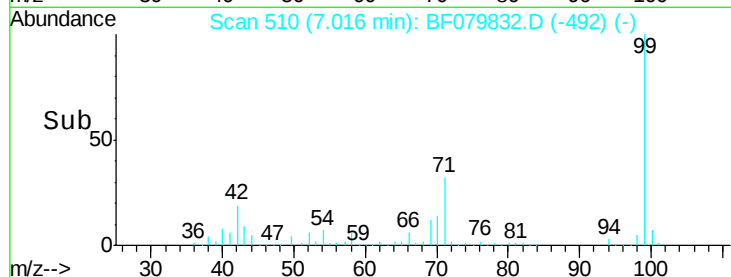
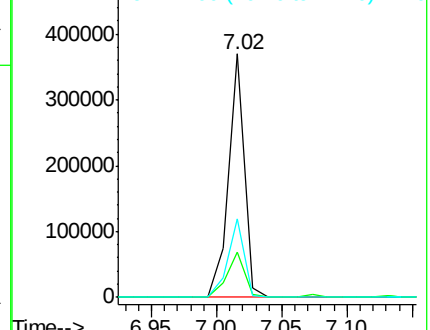
99 100

42 18.8 13.7 20.5

71 32.1 25.1 37.7



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: 40.36 ng

RT: 7.20 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

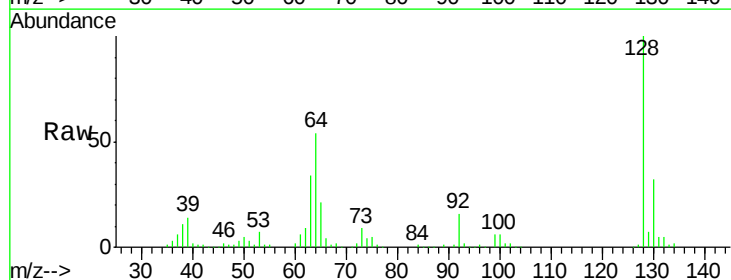
Tgt Ion: 128 Resp: 130221

Ion Ratio Lower Upper

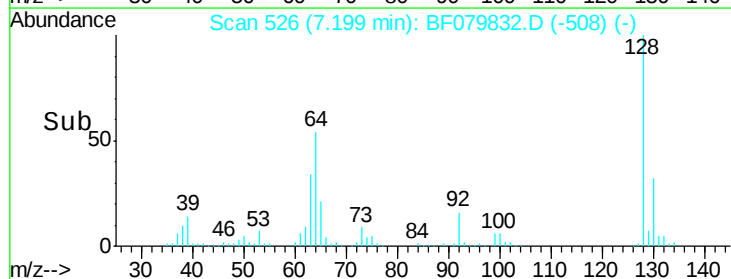
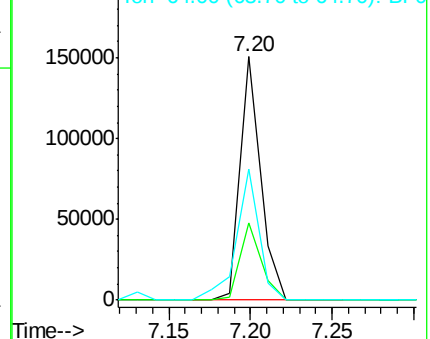
128 100

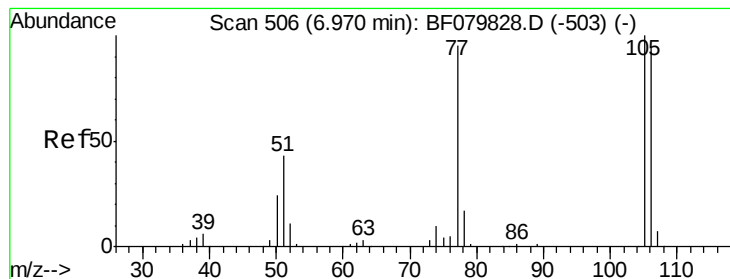
130 31.9 11.4 51.4

64 53.8 43.6 83.6



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: 40.47 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

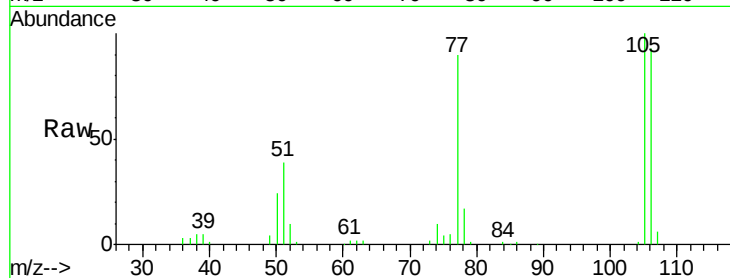
Tgt Ion: 77 Resp: 87921

Ion Ratio Lower Upper

77 100

105 111.6 83.9 123.9

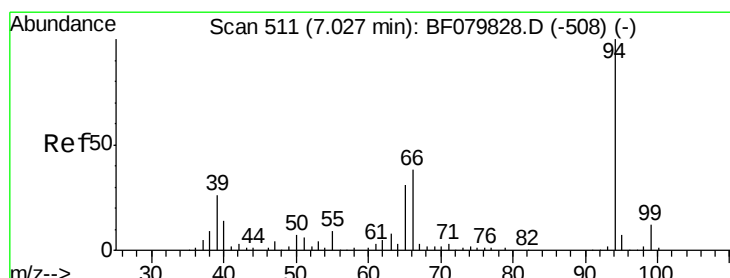
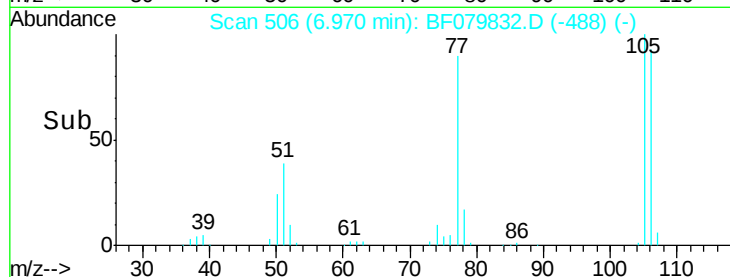
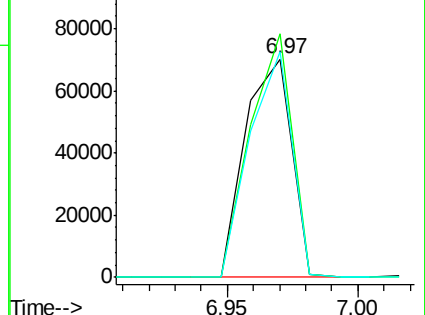
106 103.3 77.1 117.1



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: 42.60 ng

RT: 7.03 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

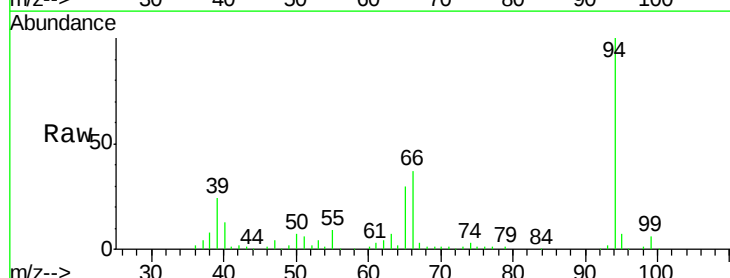
Tgt Ion: 94 Resp: 168062

Ion Ratio Lower Upper

94 100

65 30.0 8.8 48.8

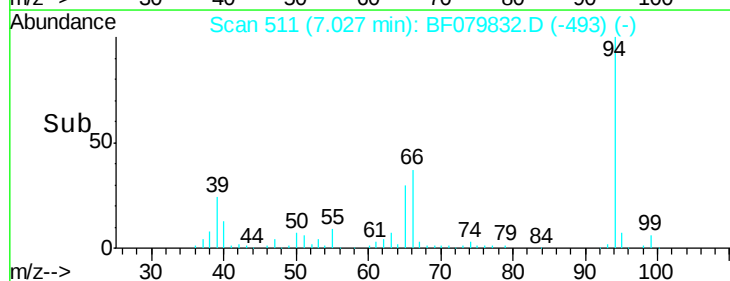
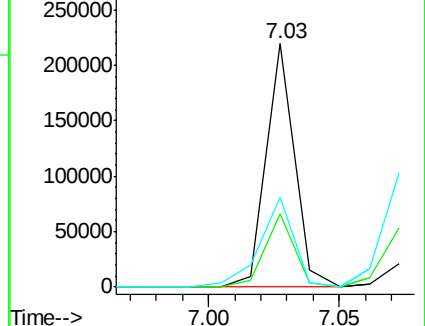
66 36.9 16.7 56.7

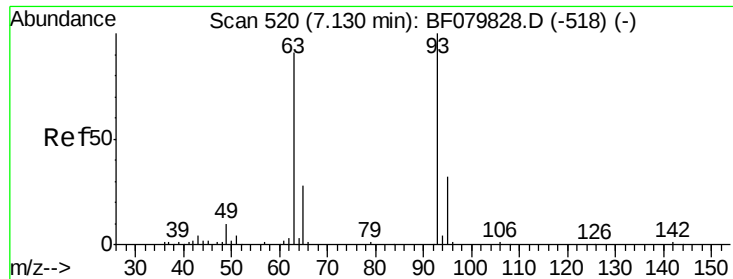


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

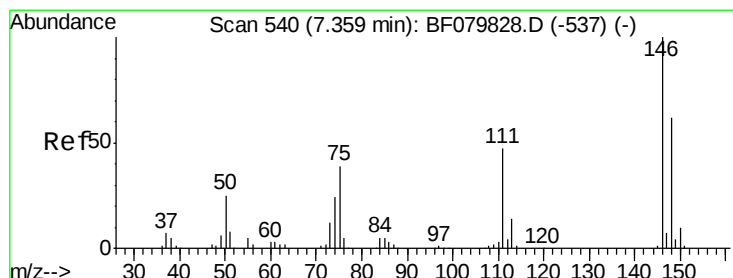
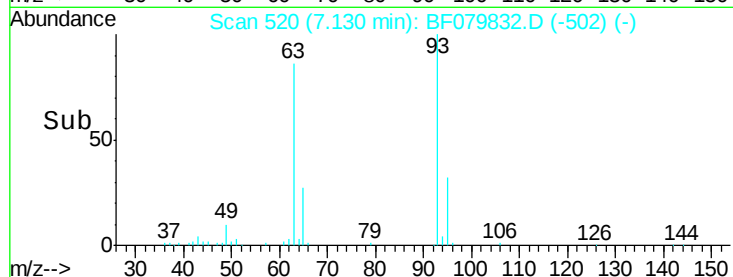
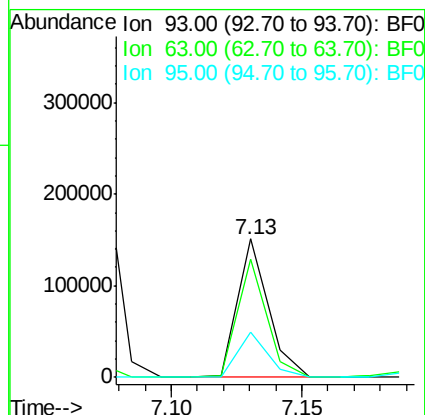
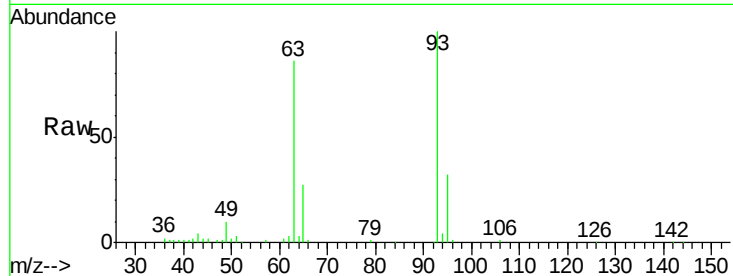




#11
bis(2-Chloroethyl)ether
Concen: 40.68 ng
RT: 7.13 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF079832.D
Acq: 9 Jun 2015 15:13

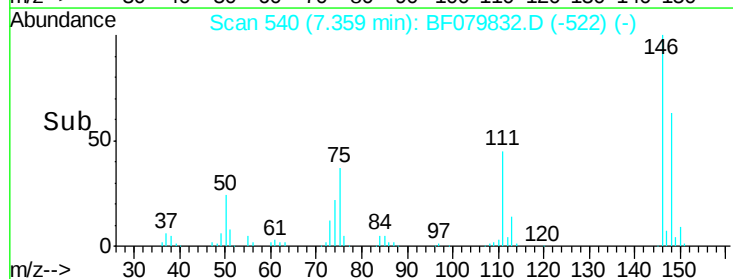
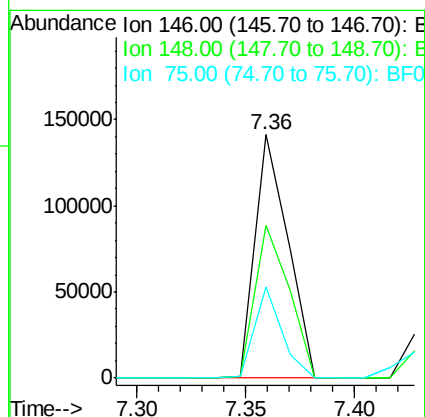
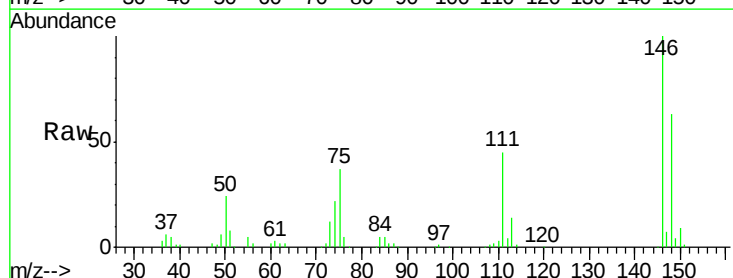
Instrument :
BNA_F
ClientSampleId :
ICVBF060915

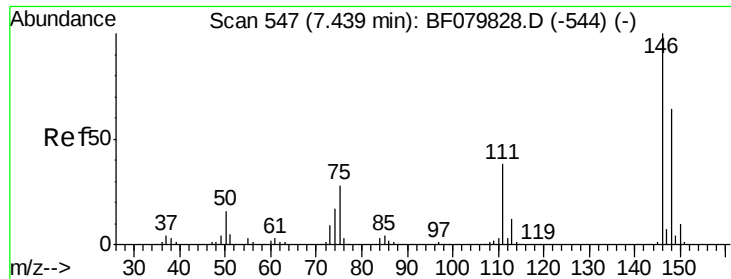
Tgt Ion: 93 Resp: 125316
Ion Ratio Lower Upper
93 100
63 85.8 68.6 108.6
95 32.3 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.37 ng
RT: 7.36 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF079832.D
Acq: 9 Jun 2015 15:13

Tgt Ion: 146 Resp: 149237
Ion Ratio Lower Upper
146 100
148 62.6 48.9 73.3
75 37.4 31.3 46.9

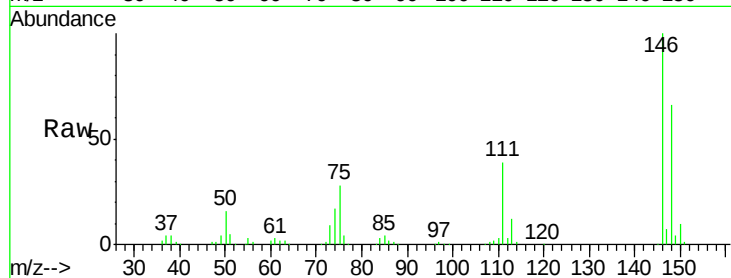




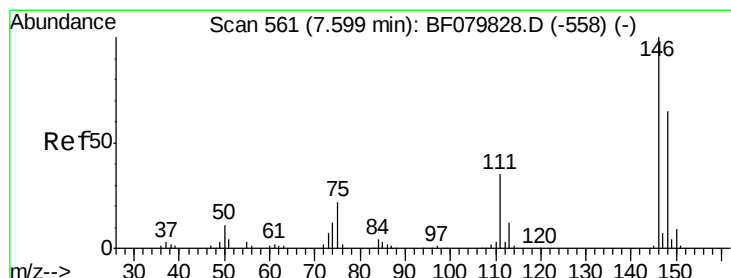
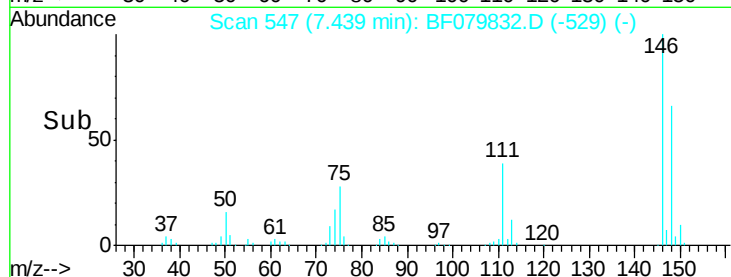
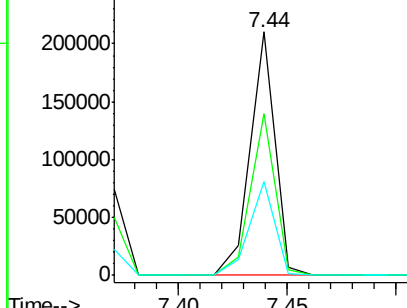
#13
 1,4-Dichlorobenzene
 Concen: 39.67 ng
 RT: 7.44 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060915

Tgt Ion:146 Resp: 166195
 Ion Ratio Lower Upper
 146 100
 148 66.4 51.4 77.0
 111 38.5 30.8 46.2

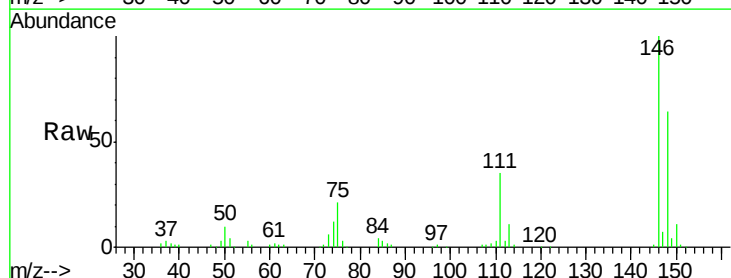


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

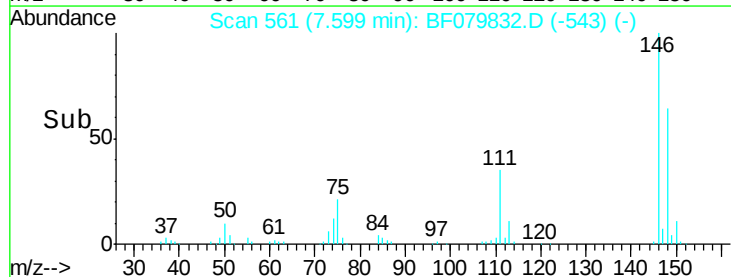
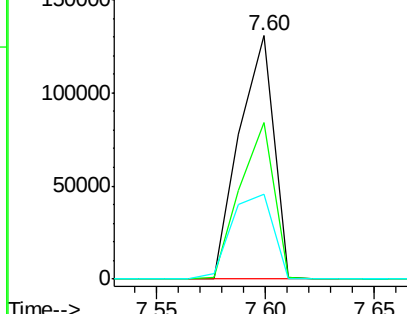


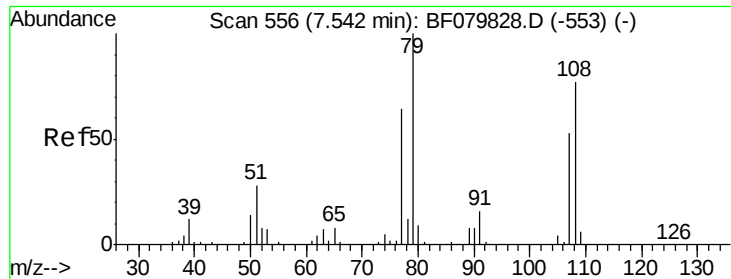
#14
 1,2-Dichlorobenzene
 Concen: 39.44 ng
 RT: 7.60 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Tgt Ion:146 Resp: 143479
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.6 77.4
 111 34.7 29.3 43.9



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: 41.49 ng

RT: 7.54 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

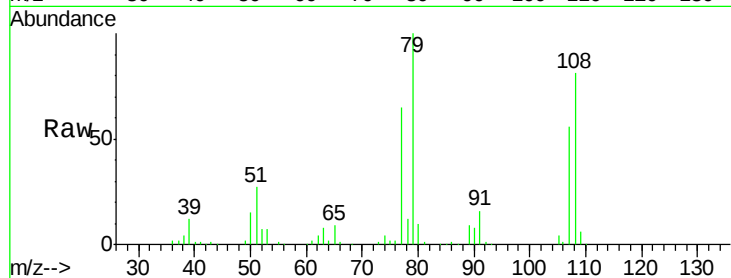
Tgt Ion: 79 Resp: 123899

Ion Ratio Lower Upper

79 100

108 80.8 60.6 91.0

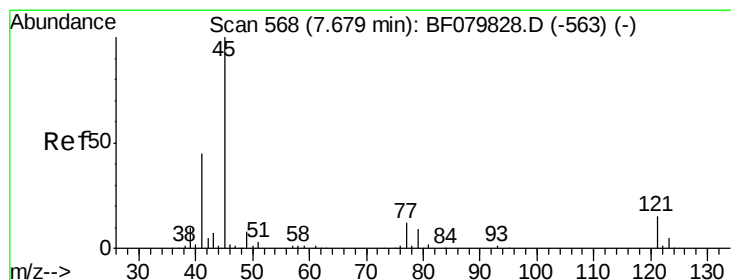
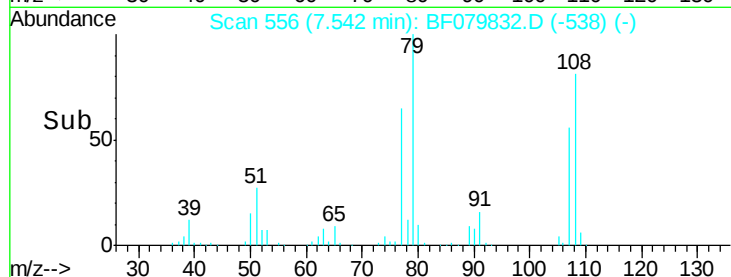
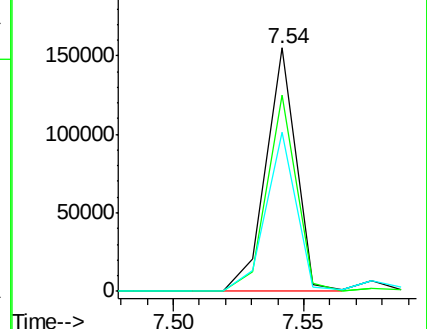
77 65.3 49.6 74.4



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: 41.23 ng

RT: 7.68 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

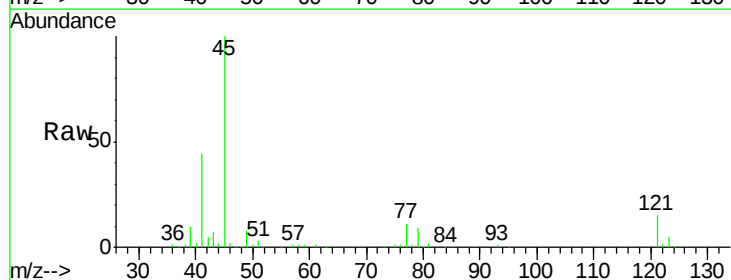
Tgt Ion: 45 Resp: 196840

Ion Ratio Lower Upper

45 100

77 11.5 0.0 33.6

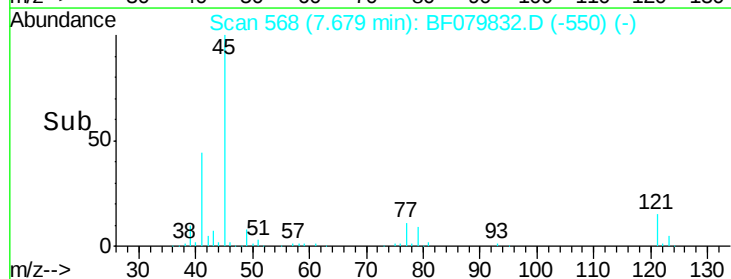
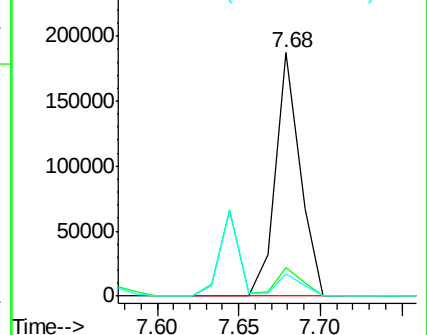
79 9.0 0.0 30.2

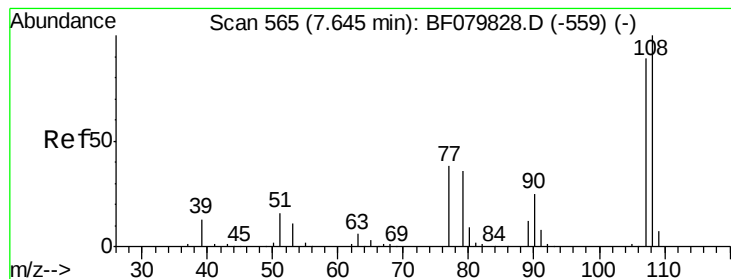


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.99 ng

RT: 7.64 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

Tgt Ion:107 Resp: 116565

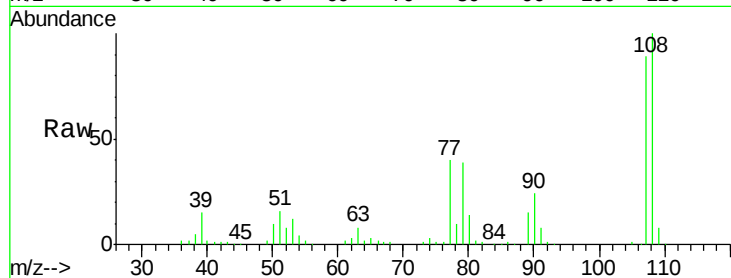
Ion Ratio Lower Upper

107 100

108 112.3 89.3 133.9

77 44.4 38.1 57.1

79 44.1 35.3 52.9

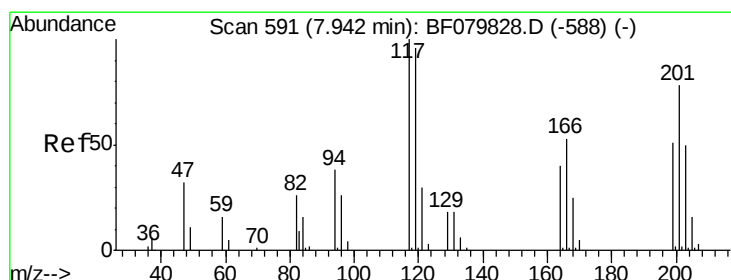
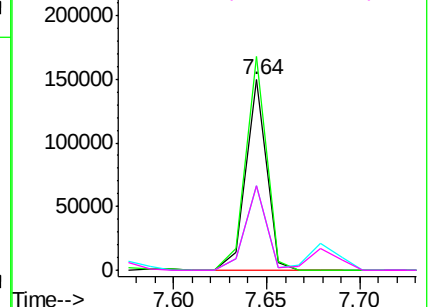
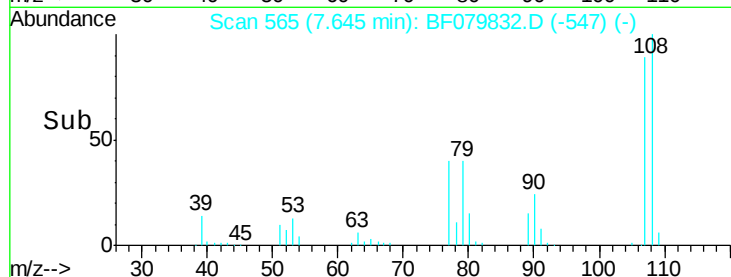


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.77 ng

RT: 7.94 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

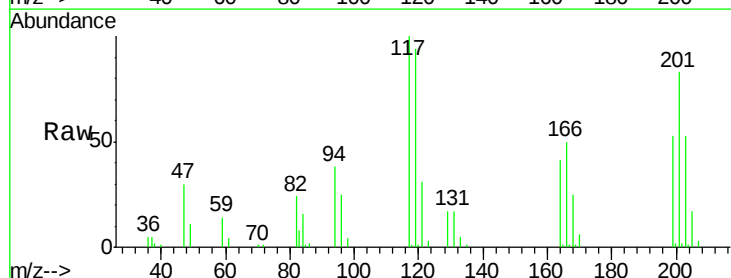
Tgt Ion:117 Resp: 54360

Ion Ratio Lower Upper

117 100

119 93.6 76.6 114.8

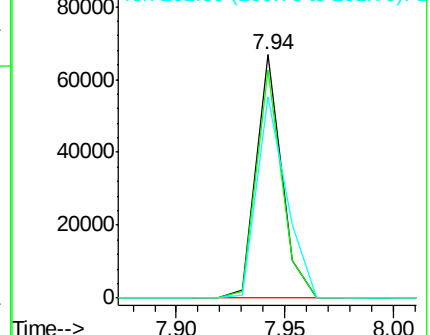
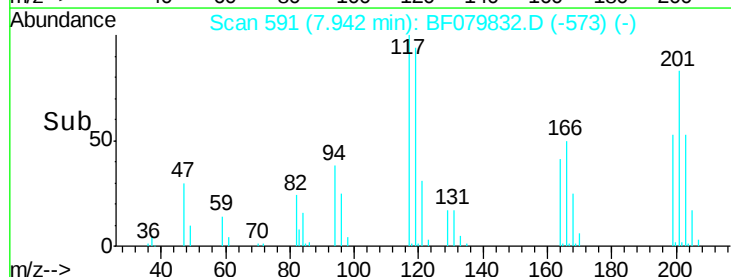
201 82.7 66.3 99.5

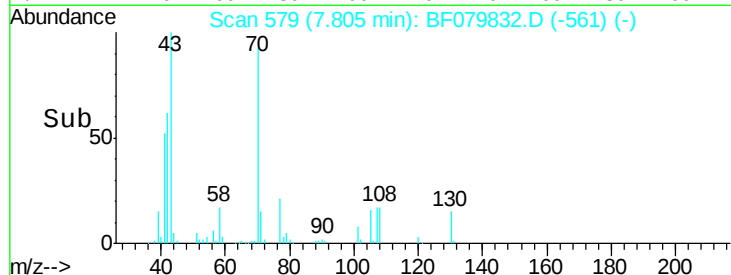
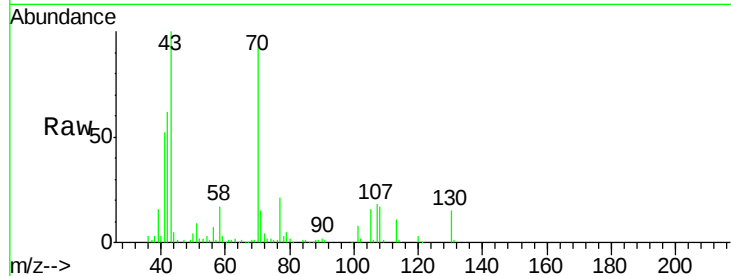
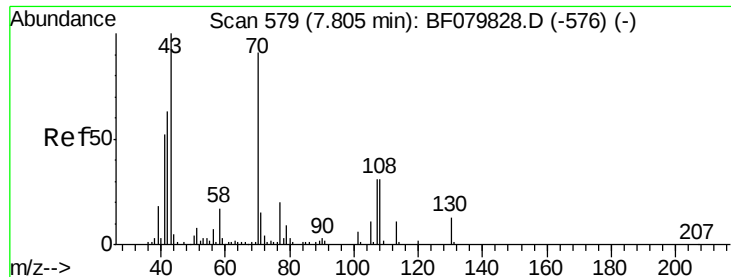


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

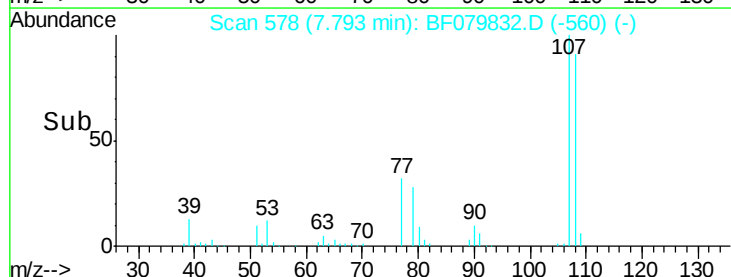
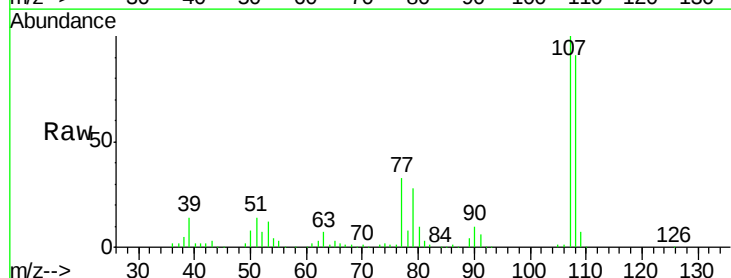
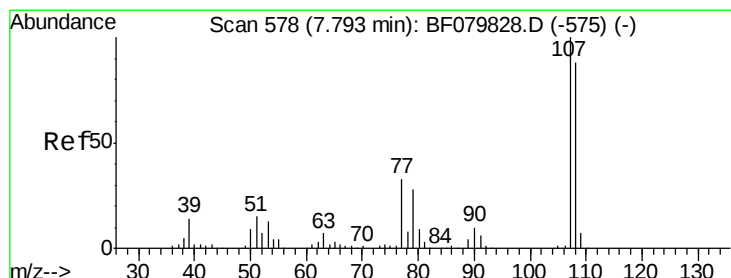
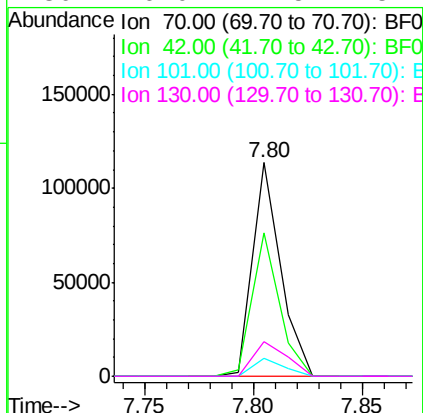




#19
n-Nitroso-di-n-propylamine
Concen: 39.55 ng
RT: 7.80 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF079832.D
Acq: 9 Jun 2015 15:13

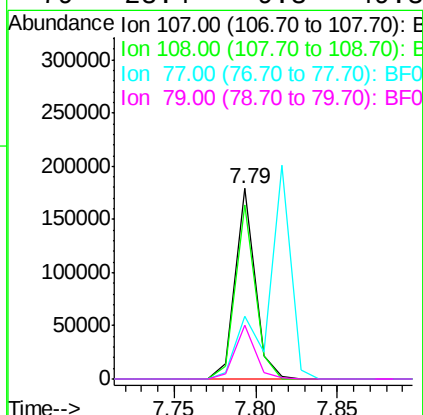
Instrument :
BNA_F
ClientSampleId :
ICVBF060915

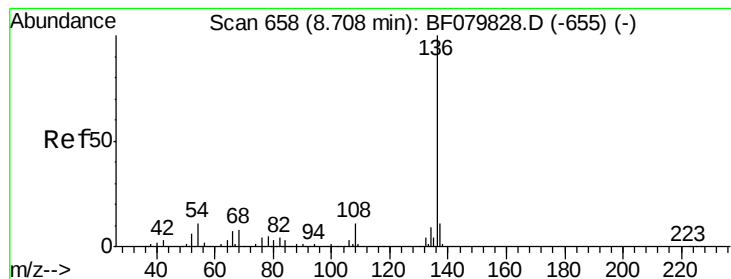
Tgt Ion:	70	Resp:	102036
Ion	Ratio	Lower	Upper
70	100		
42	67.2	49.3	73.9
101	8.3	6.6	9.8
130	16.0	12.5	18.7



#20
3+4-Methylphenols
Concen: 41.58 ng
RT: 7.79 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF079832.D
Acq: 9 Jun 2015 15:13

Tgt Ion:	107	Resp:	149127
Ion	Ratio	Lower	Upper
107	100		
108	91.0	68.4	108.4
77	33.1	13.6	53.6
79	28.4	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

Tgt Ion:136 Resp: 195946

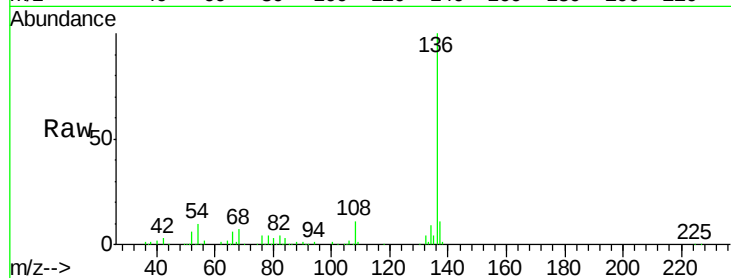
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 10.3 8.1 12.1

68 7.0 4.8 7.2

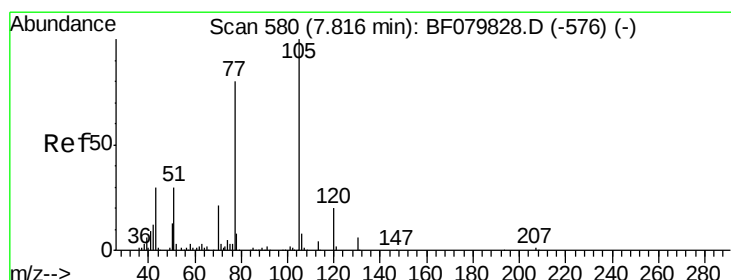
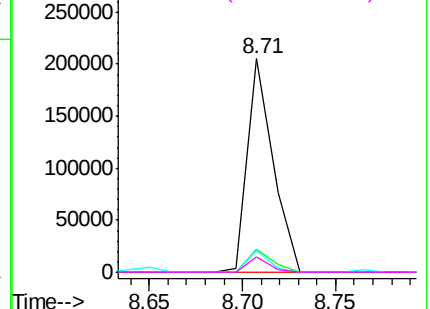
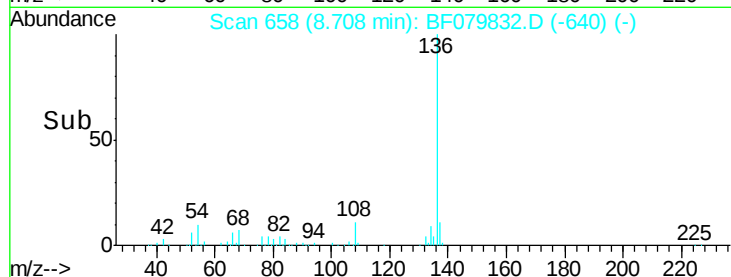


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.54 ng

RT: 7.82 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Tgt Ion:105 Resp: 201932

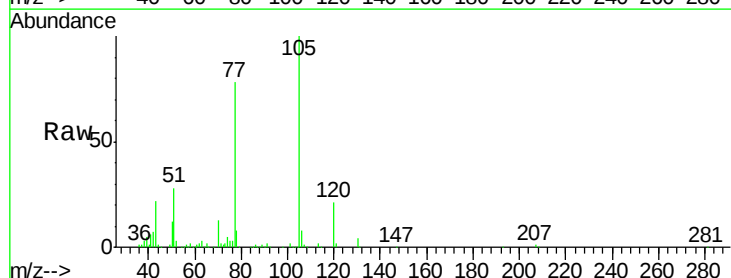
Ion Ratio Lower Upper

105 100

71 1.9 1.5 2.3

51 28.4 22.3 33.5

120 21.4 16.8 25.2

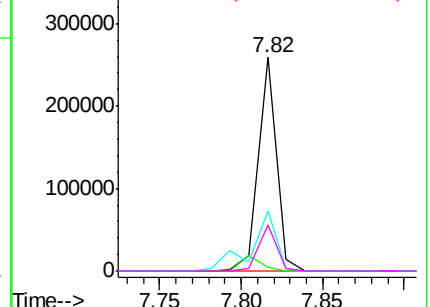
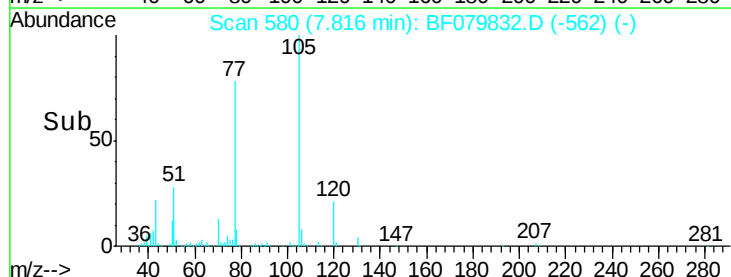


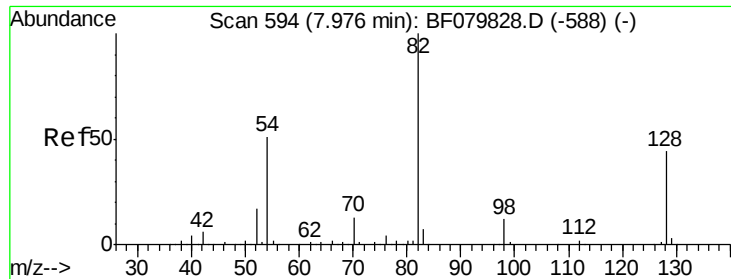
Abundance Ion 105.00 (104.70 to 105.70): E

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

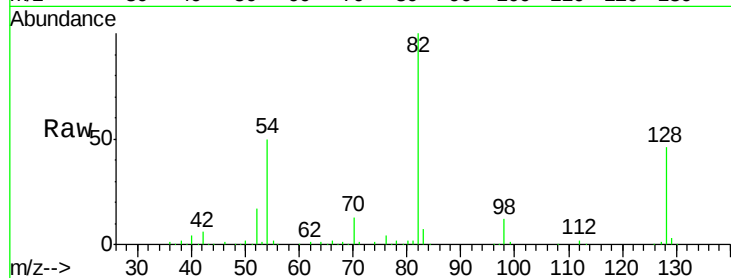




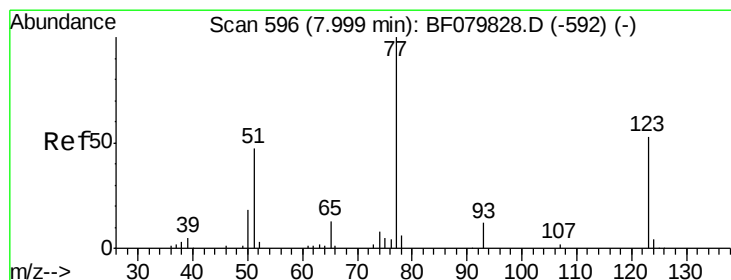
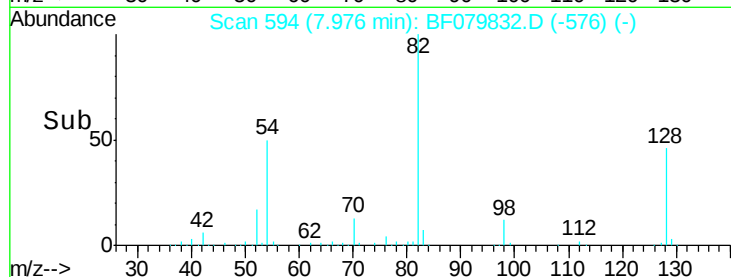
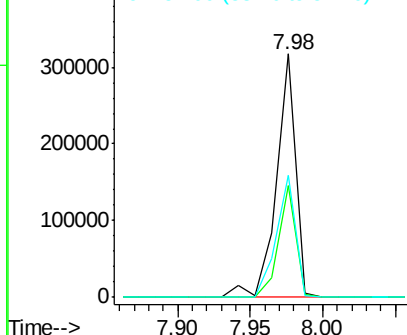
#23
 Nitrobenzene-d5
 Concen: 86.22 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060915

Tgt Ion: 82 Resp: 292466
 Ion Ratio Lower Upper
 82 100
 128 45.7 35.2 52.8
 54 50.3 39.2 58.8

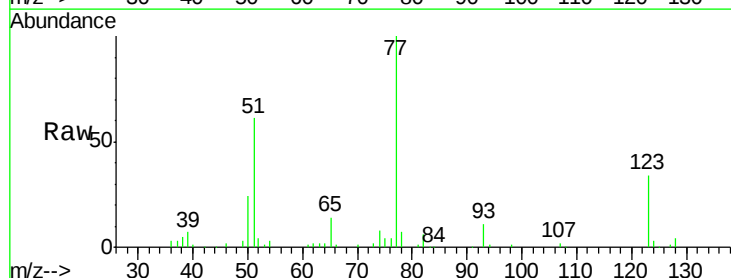


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

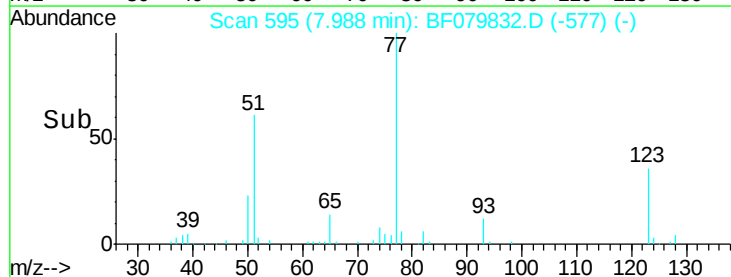
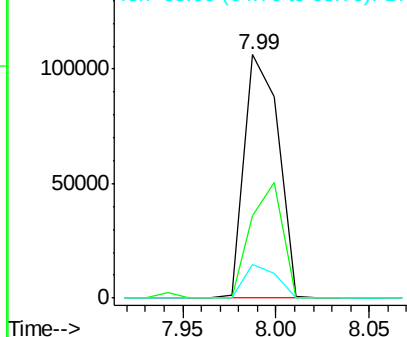


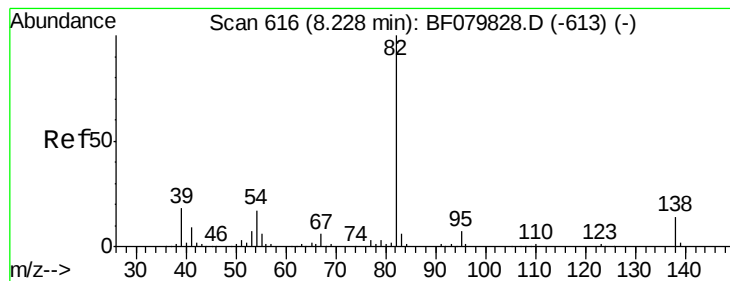
#24
 Nitrobenzene
 Concen: 39.49 ng
 RT: 7.99 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Tgt Ion: 77 Resp: 134552
 Ion Ratio Lower Upper
 77 100
 123 34.0 26.0 39.0
 65 14.1 12.0 18.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.14 ng

RT: 8.23 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

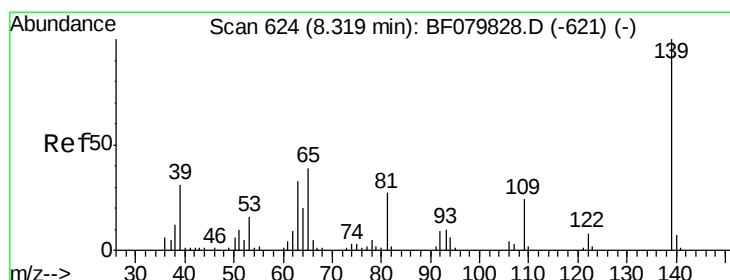
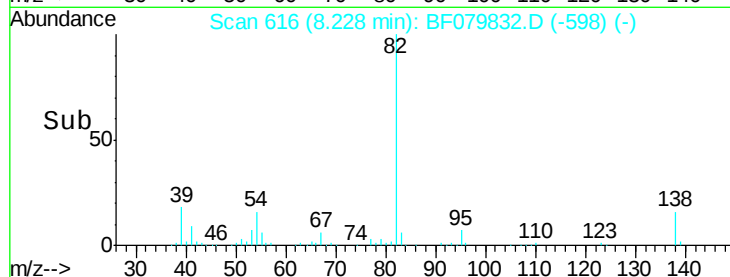
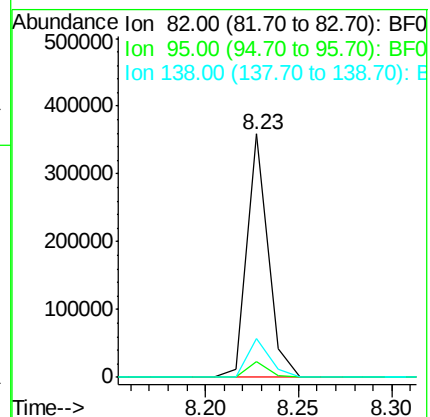
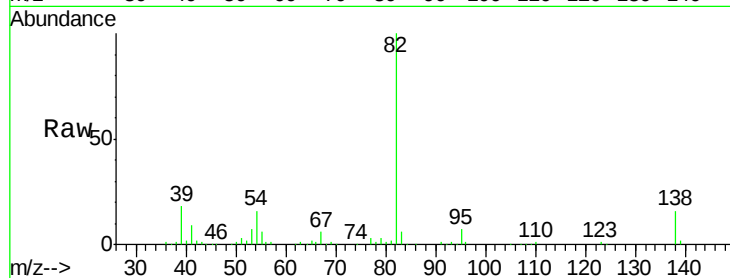
Tgt Ion: 82 Resp: 283855

Ion Ratio Lower Upper

82 100

95 6.6 5.7 8.5

138 15.7 12.2 18.4



#26

2-Nitrophenol

Concen: 39.53 ng

RT: 8.32 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

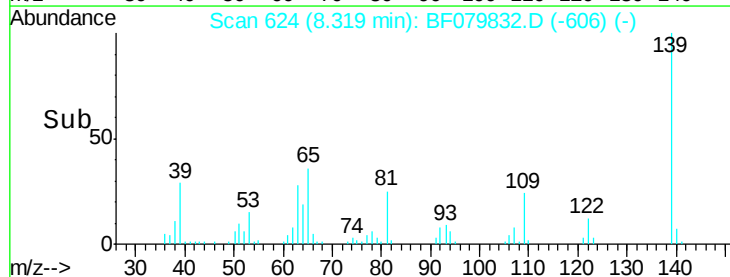
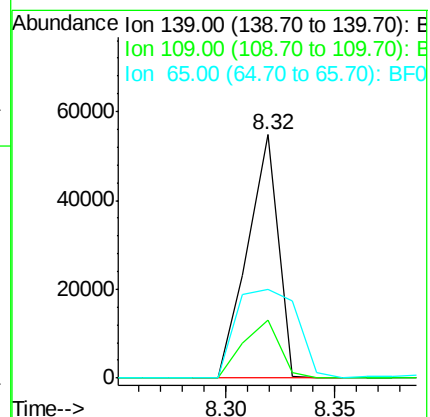
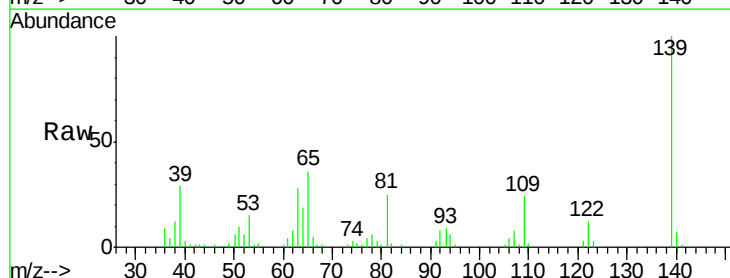
Tgt Ion: 139 Resp: 53812

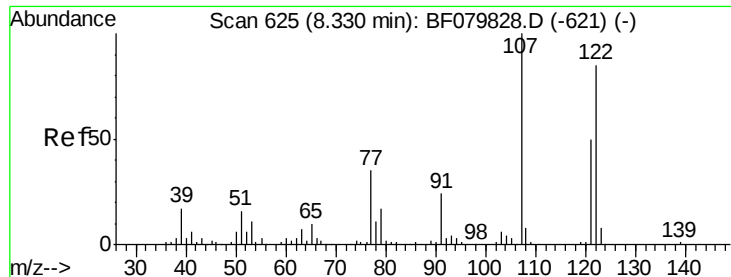
Ion Ratio Lower Upper

139 100

109 24.0 21.5 32.3

65 36.3 31.1 46.7





#27

2,4-Dimethylphenol

Concen: 39.33 ng

RT: 8.33 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

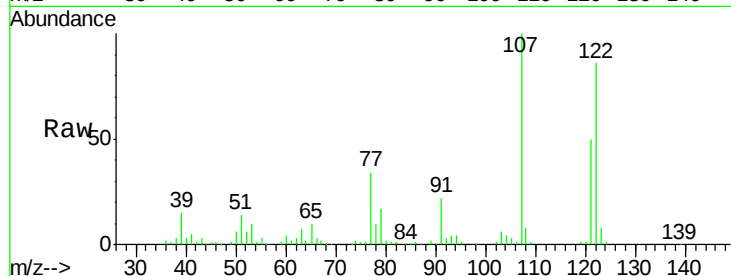
Tgt Ion:122 Resp: 125552

Ion Ratio Lower Upper

122 100

107 116.7 95.3 142.9

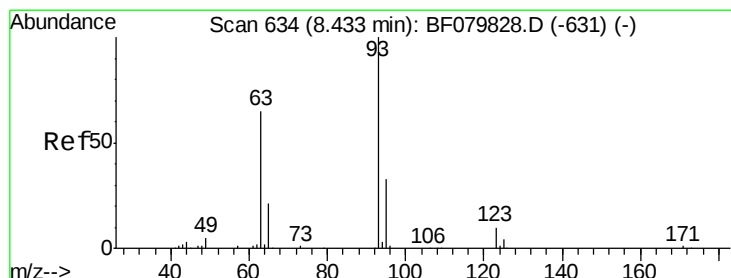
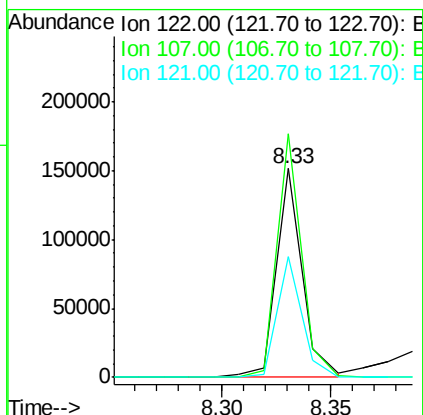
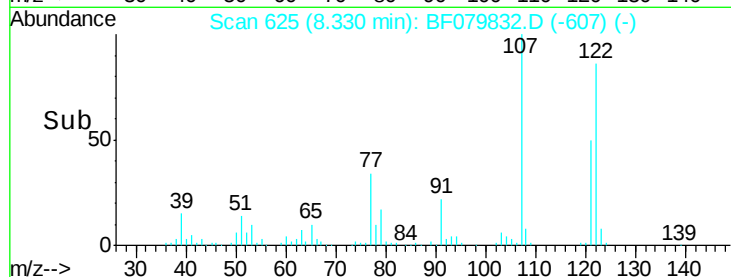
121 57.9 46.4 69.6



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: 40.27 ng

RT: 8.43 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

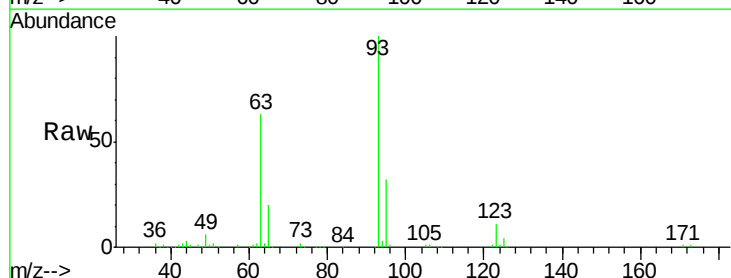
Tgt Ion: 93 Resp: 172432

Ion Ratio Lower Upper

93 100

95 32.3 26.6 39.8

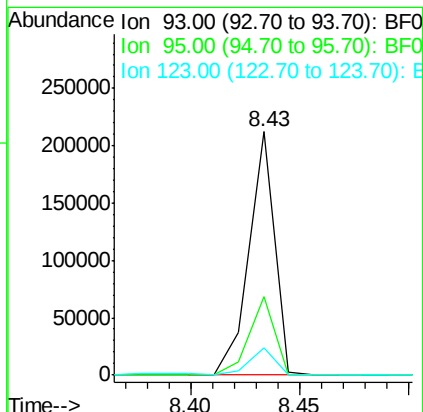
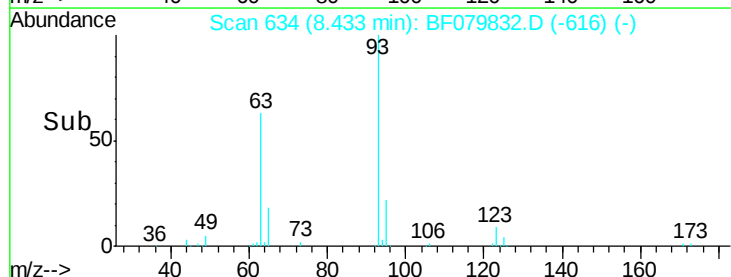
123 11.1 9.0 13.6

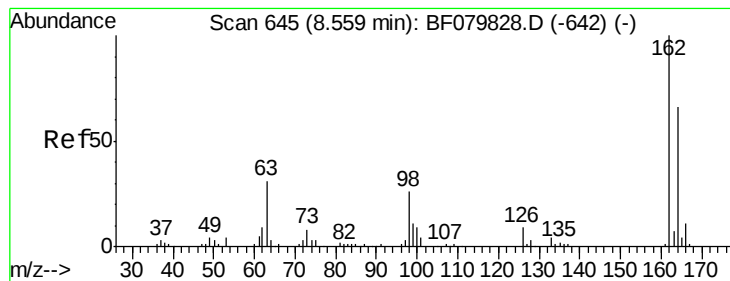


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.06 ng

RT: 8.55 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

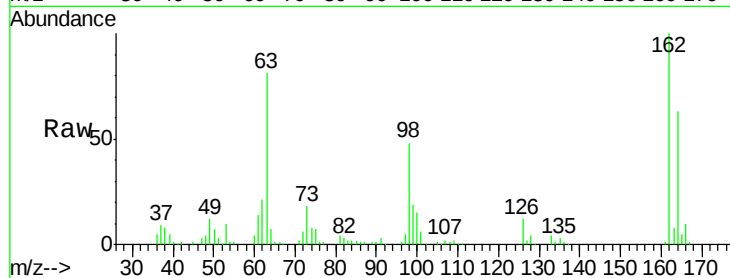
Tgt Ion:162 Resp: 106265

Ion Ratio Lower Upper

162 100

164 63.0 48.7 88.7

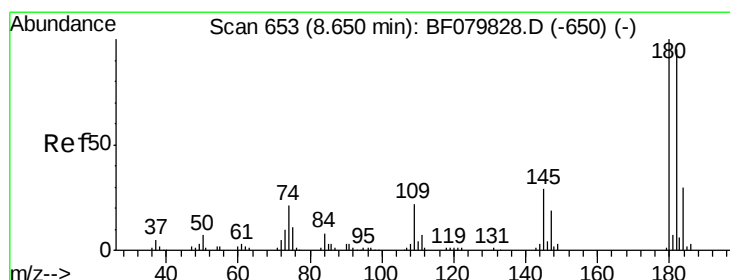
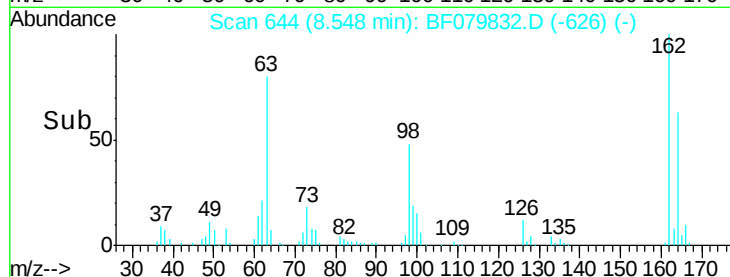
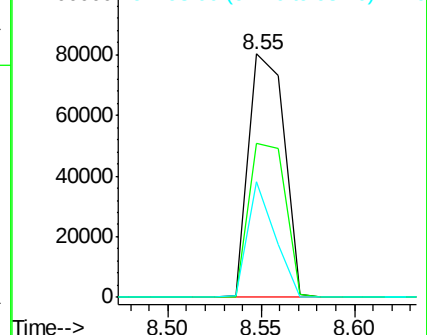
98 47.6 4.6 44.6#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.03 ng

RT: 8.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

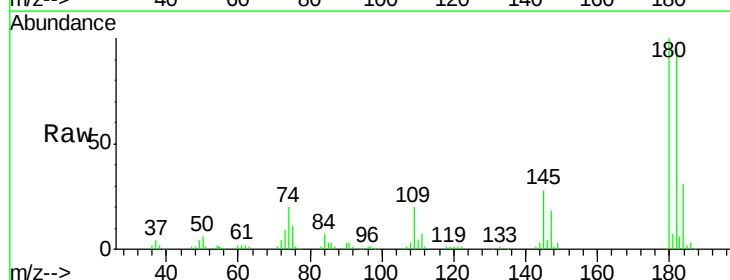
Tgt Ion:180 Resp: 139996

Ion Ratio Lower Upper

180 100

182 95.3 76.0 114.0

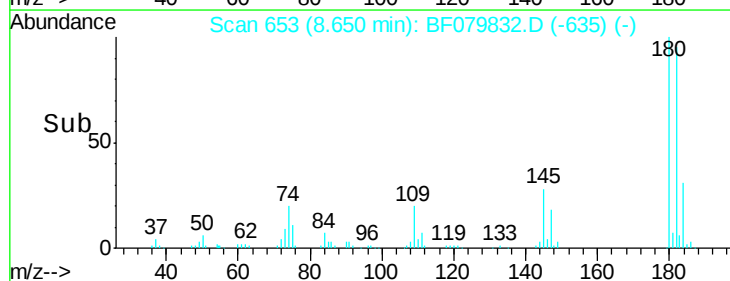
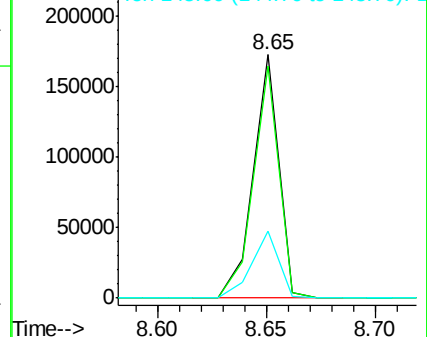
145 27.7 23.7 35.5

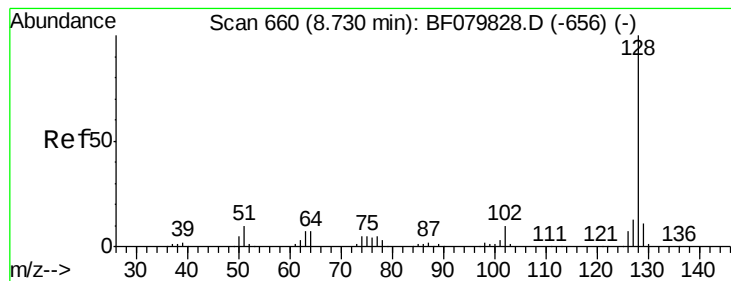


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.90 ng

RT: 8.73 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

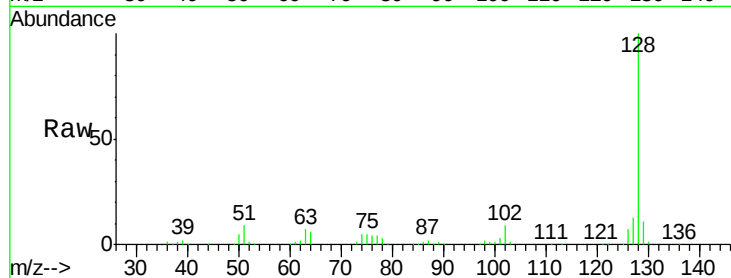
Tgt Ion:128 Resp: 426738

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.4

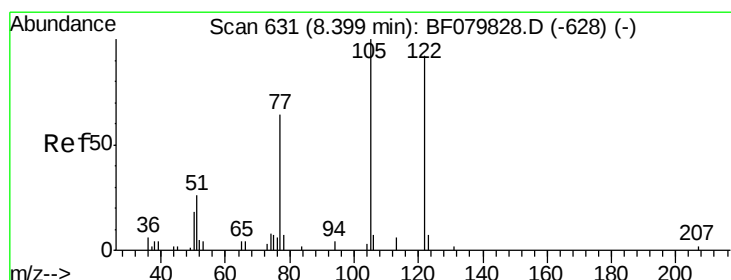
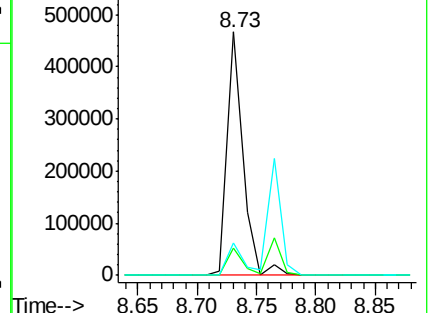
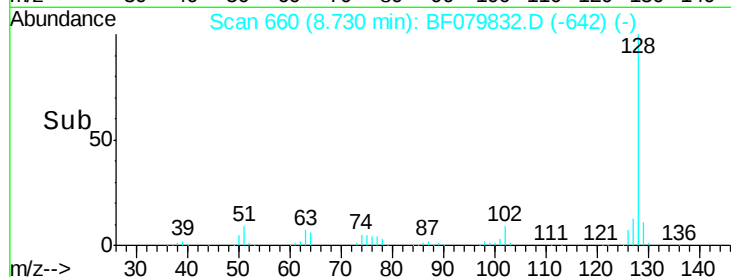
127 13.4 10.6 16.0



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: 37.12 ng

RT: 8.39 min Scan# 630

Delta R.T. 0.02 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

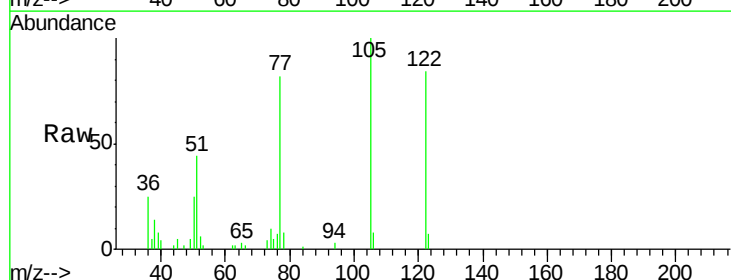
Tgt Ion:122 Resp: 38256

Ion Ratio Lower Upper

122 100

105 118.7 106.2 146.2

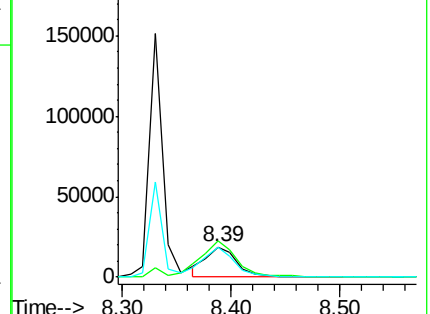
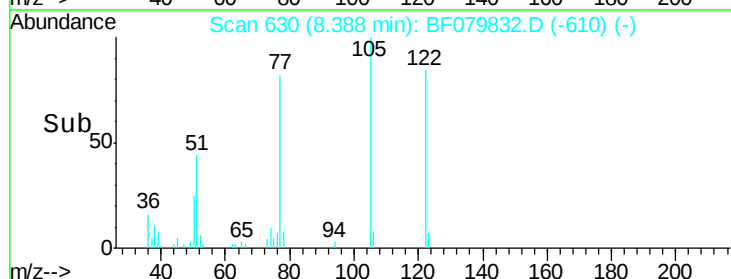
77 97.2 81.6 121.6

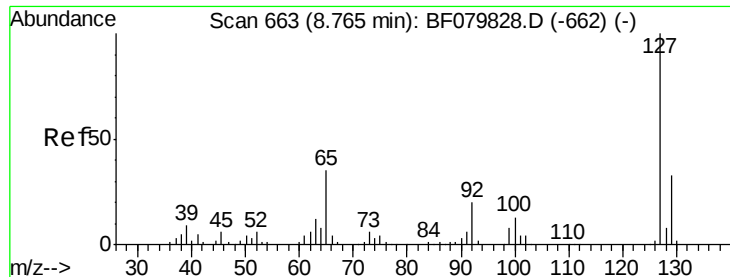


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

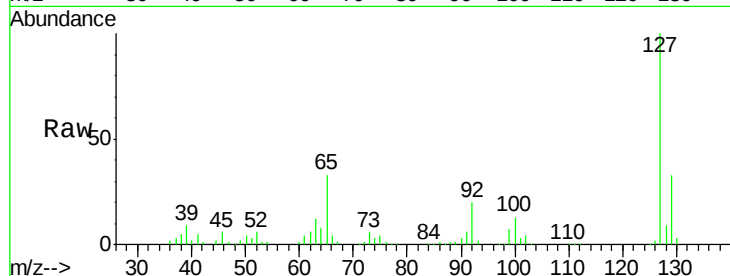




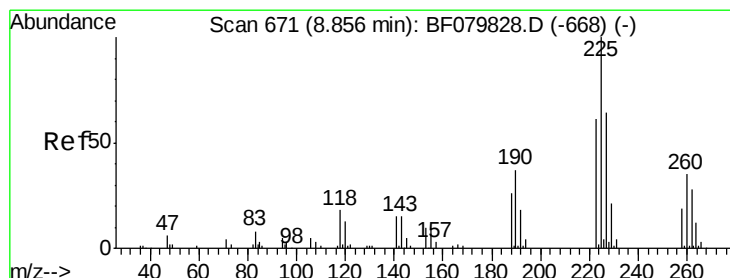
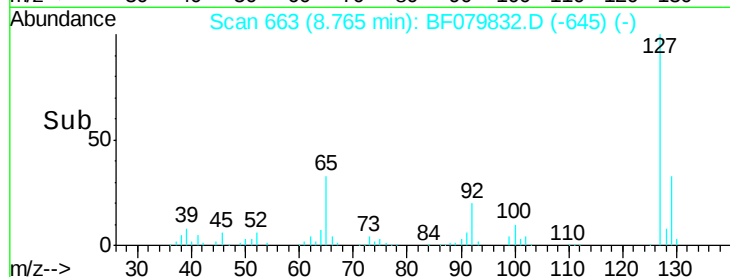
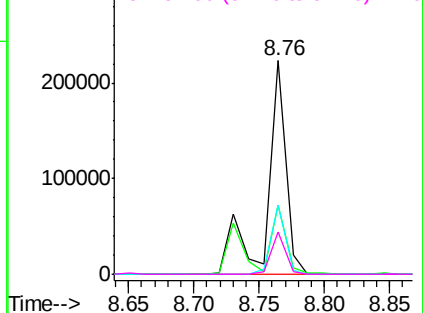
#33
4-Chloroaniline
Concen: 54.39 ng
RT: 8.76 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF079832.D
Acq: 9 Jun 2015 15:13

Instrument :
BNA_F
ClientSampleId :
ICVBF060915

Tgt Ion:	127	Resp:	229233
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.5	38.3
65	32.6	26.8	40.2
92	19.8	16.3	24.5

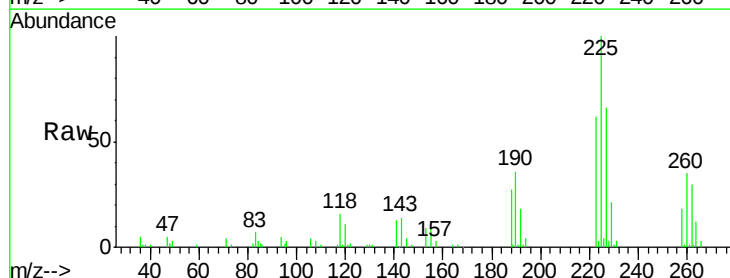


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

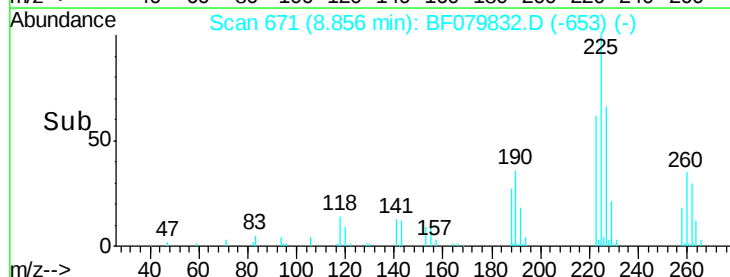
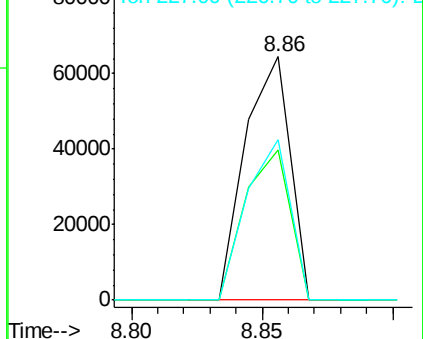


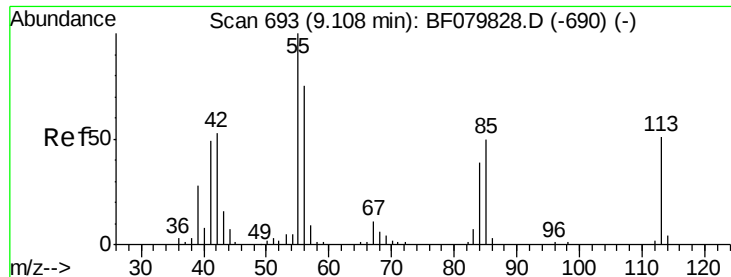
#34
Hexachlorobutadiene
Concen: 40.06 ng
RT: 8.86 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF079832.D
Acq: 9 Jun 2015 15:13

Tgt Ion:	225	Resp:	77117
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.4	74.2
227	65.9	53.7	80.5



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





#35

Caprolactam

Concen: 42.19 ng

RT: 9.11 min Scan# 693

Delta R.T. 0.02 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

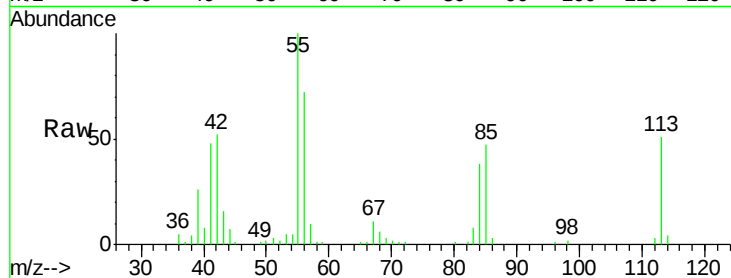
Tgt Ion:113 Resp: 33590

Ion Ratio Lower Upper

113 100

55 194.2 122.7 162.7#

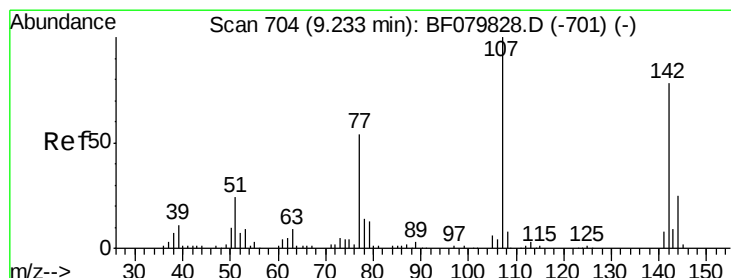
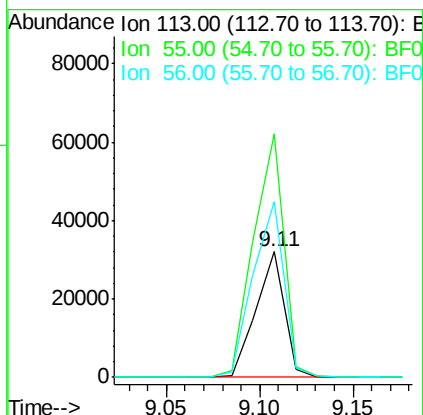
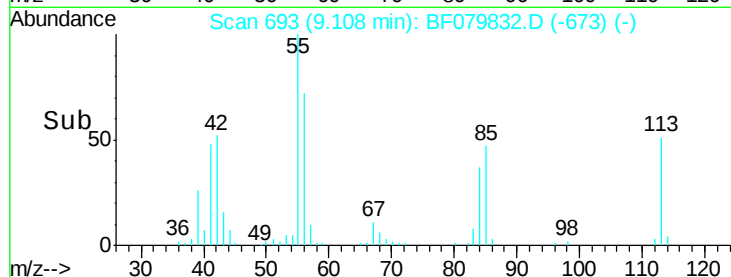
56 140.3 89.3 129.3#



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: 42.75 ng

RT: 9.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

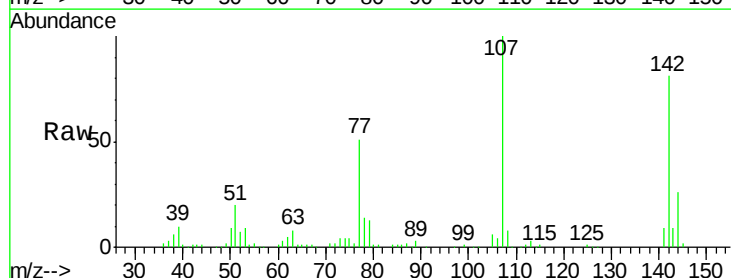
Tgt Ion:107 Resp: 126205

Ion Ratio Lower Upper

107 100

144 26.3 20.3 30.5

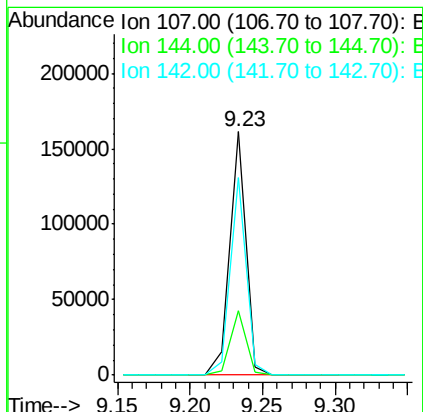
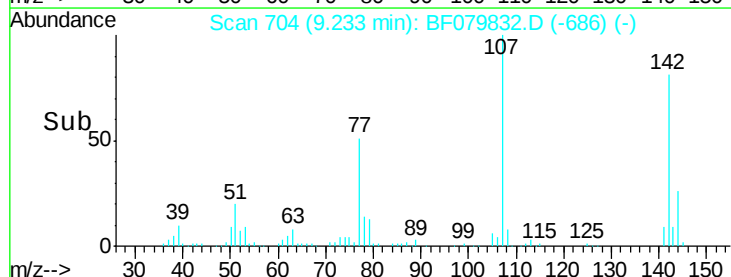
142 81.2 65.9 98.9

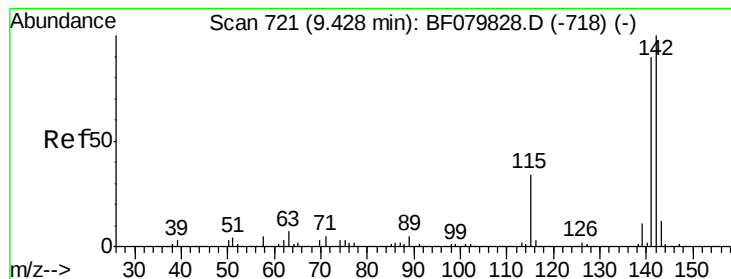


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

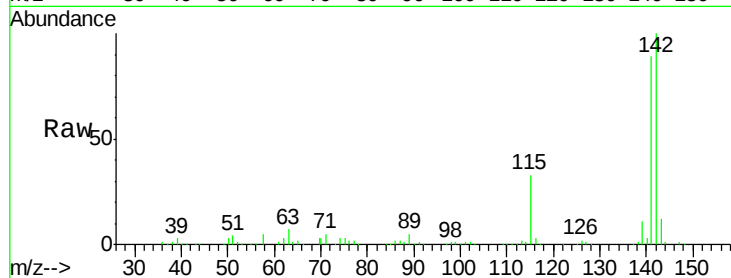




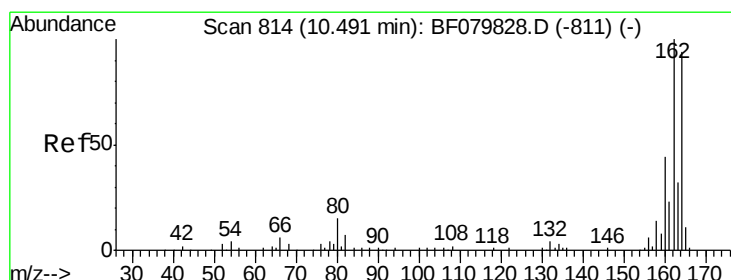
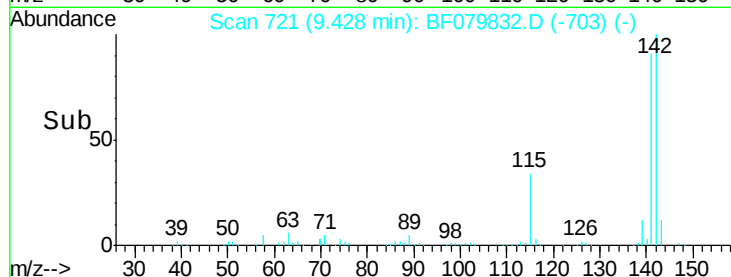
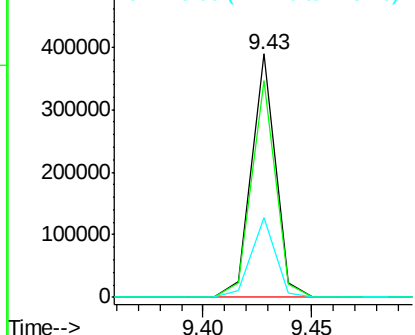
#37
 2-Methylnaphthalene
 Concen: 40.58 ng
 RT: 9.43 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060915

Tgt Ion:142 Resp: 300832
 Ion Ratio Lower Upper
 142 100
 141 88.9 72.5 108.7
 115 32.9 27.3 40.9

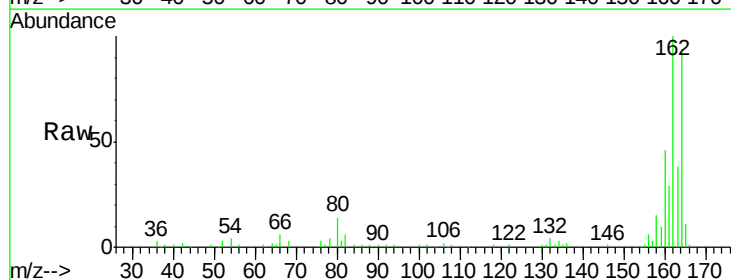


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

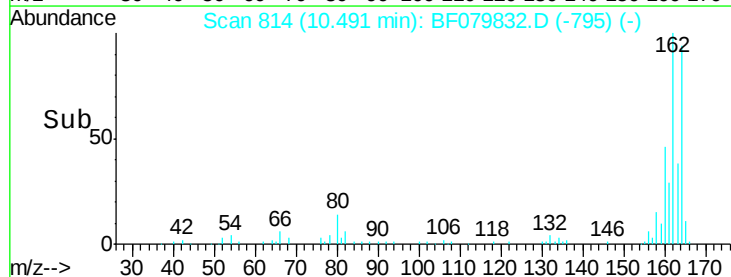
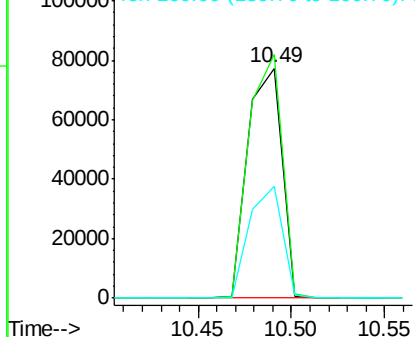


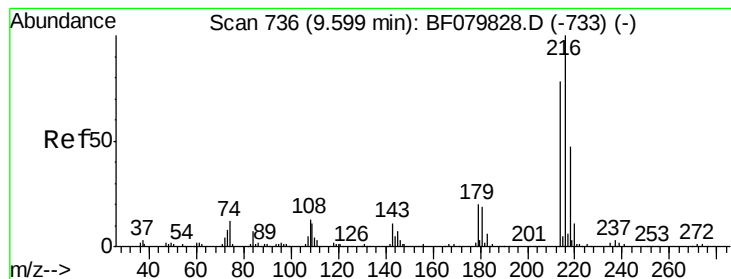
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.49 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Tgt Ion:164 Resp: 99906
 Ion Ratio Lower Upper
 164 100
 162 105.9 89.8 134.8
 160 48.6 39.6 59.4



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.10 ng

RT: 9.60 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

Tgt Ion:216 Resp: 140033

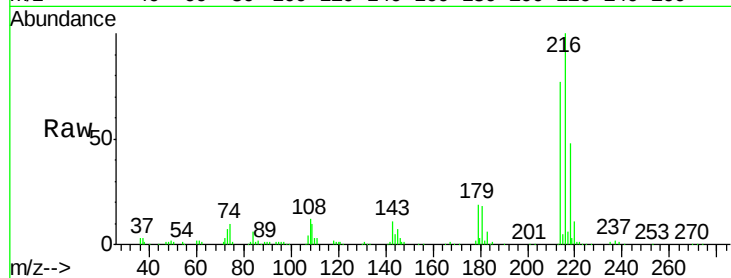
Ion Ratio Lower Upper

216 100

214 77.5 63.1 94.7

179 20.3 17.1 25.7

108 16.6 13.4 20.2

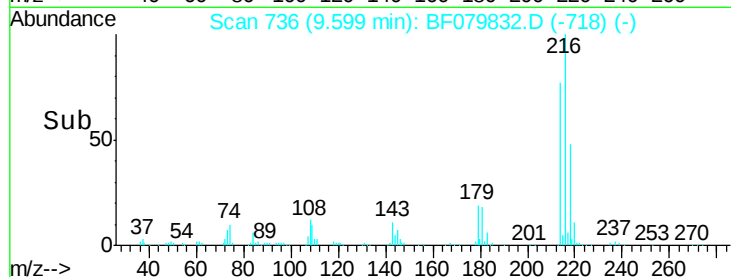


Abundance Ion 216.00 (215.70 to 216.70): E

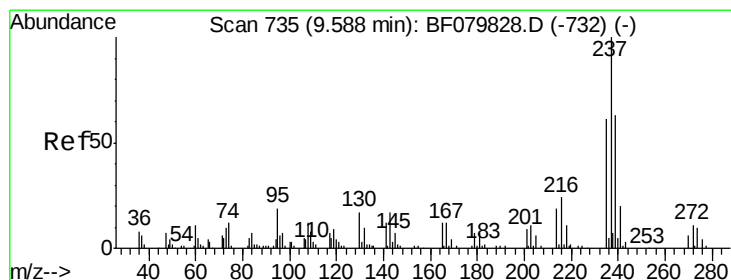
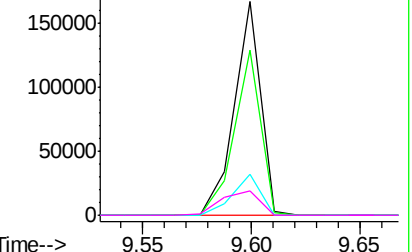
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 40.70 ng

RT: 9.59 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

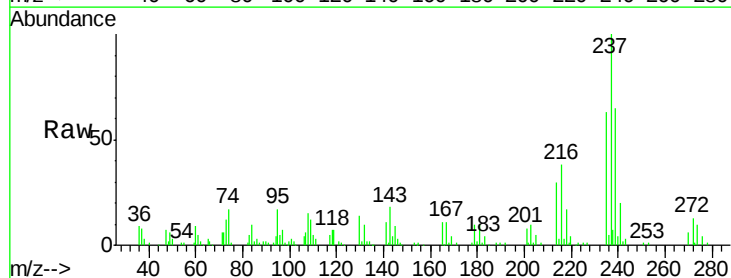
Tgt Ion:237 Resp: 67915

Ion Ratio Lower Upper

237 100

235 63.0 42.0 82.0

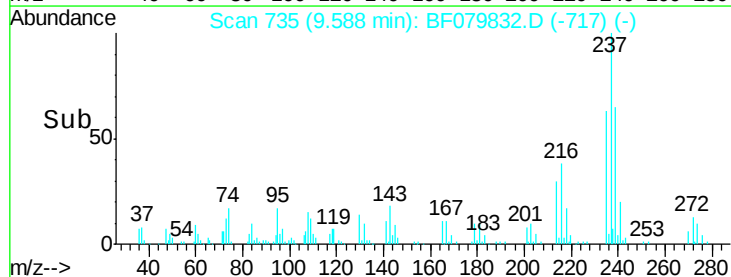
272 13.3 0.0 31.5



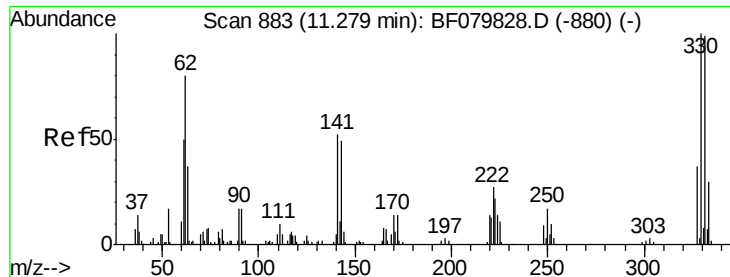
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



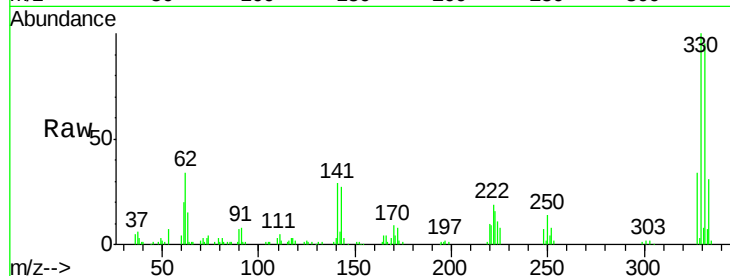
Time-->



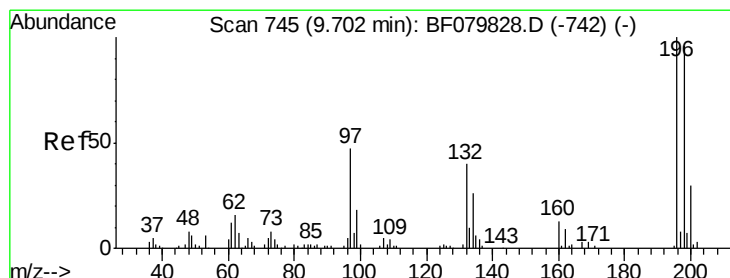
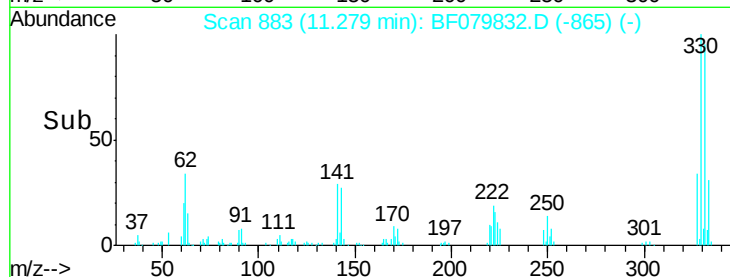
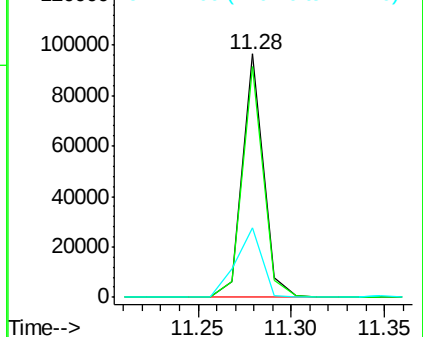
#41
 2,4,6-Tribromophenol
 Concen: 88.26 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060915

Tgt Ion:330 Resp: 76308
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.8 115.2
 141 35.4 29.1 43.7

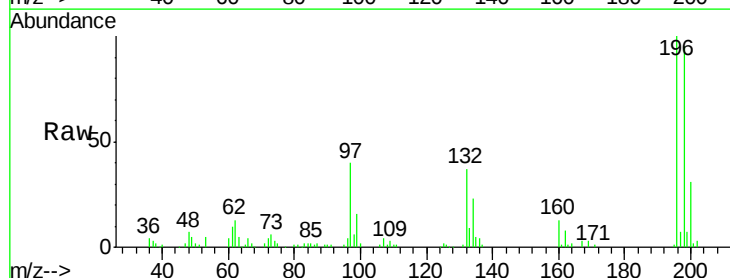


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

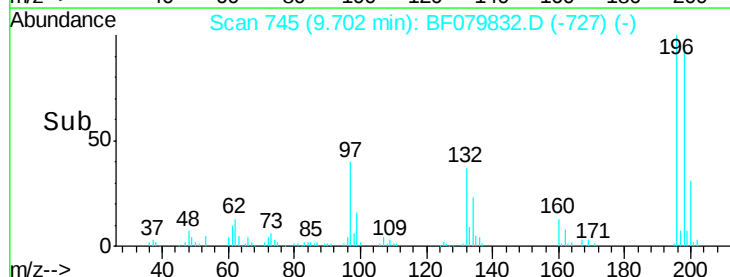
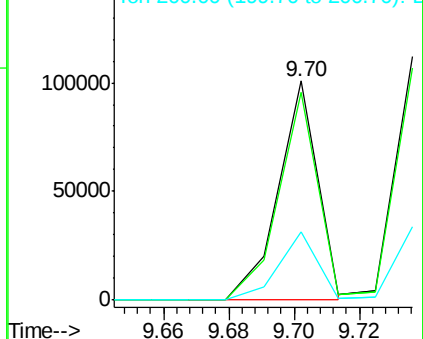


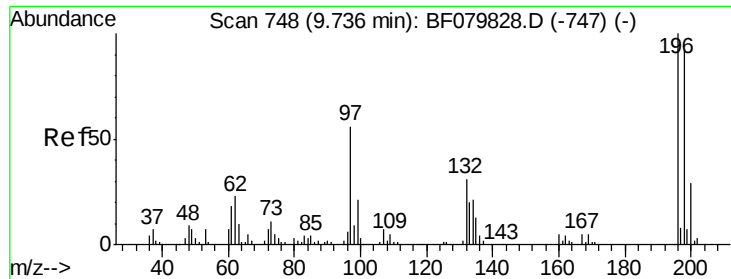
#42
 2,4,6-Trichlorophenol
 Concen: 40.19 ng
 RT: 9.70 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Tgt Ion:196 Resp: 84768
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.9 115.3
 200 31.2 24.6 37.0



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

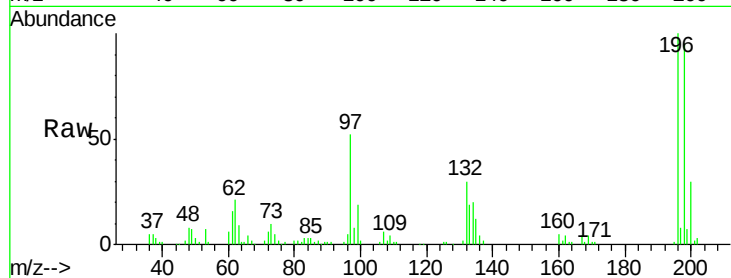




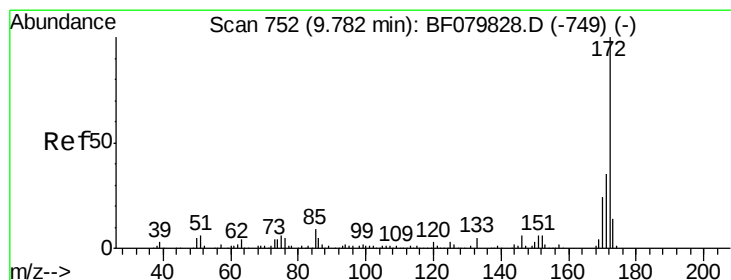
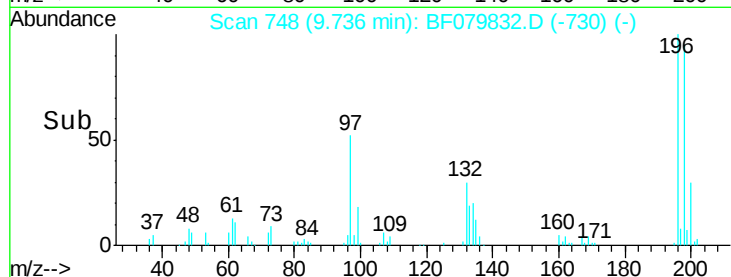
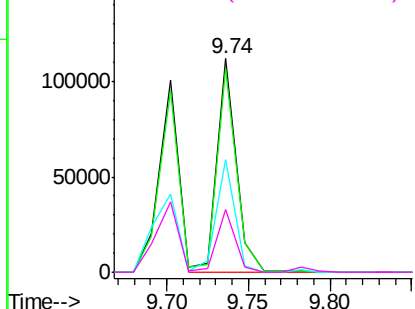
#43
 2,4,5-Trichlorophenol
 Concen: 42.28 ng
 RT: 9.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060915

Tgt Ion:196 Resp: 92039
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.8 116.8
 97 52.5 41.3 61.9
 132 29.5 23.9 35.9

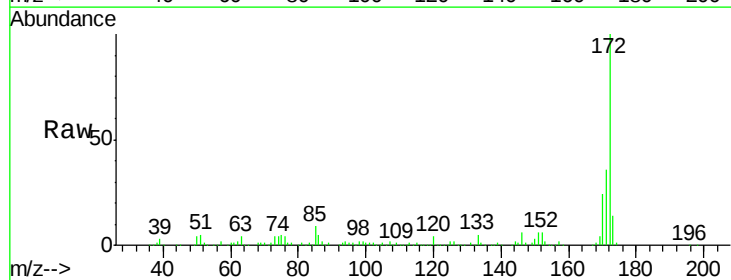


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

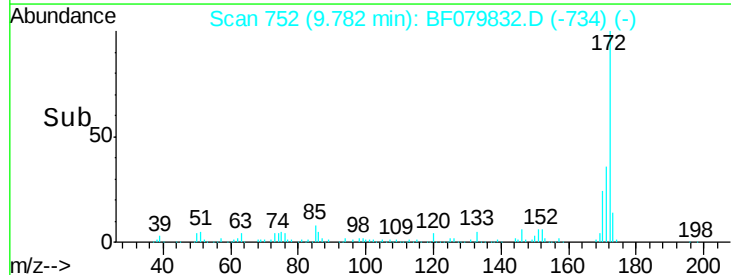
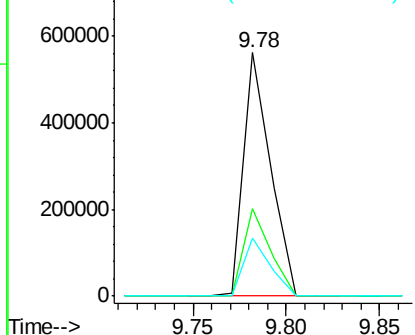


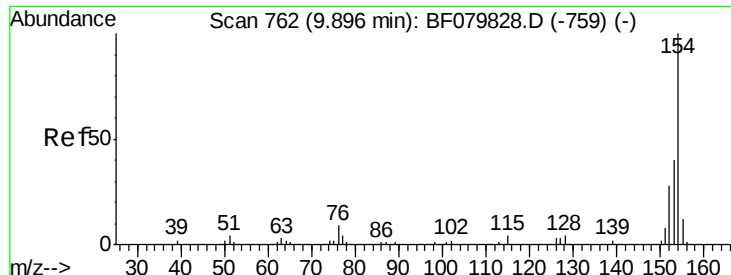
#44
 2-Fluorobiphenyl
 Concen: 79.04 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Tgt Ion:172 Resp: 561461
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 23.7 18.8 28.2



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

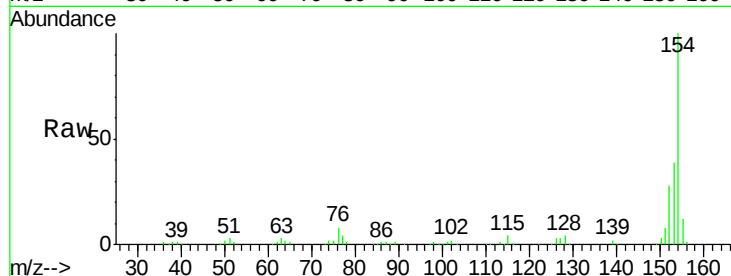




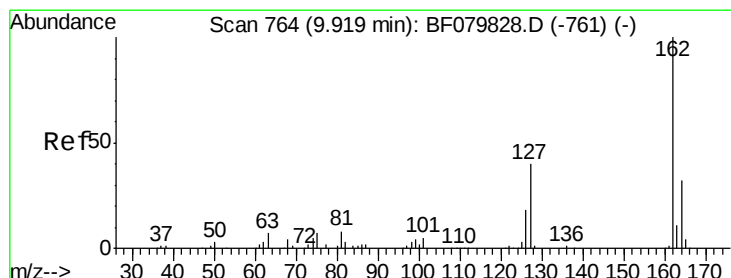
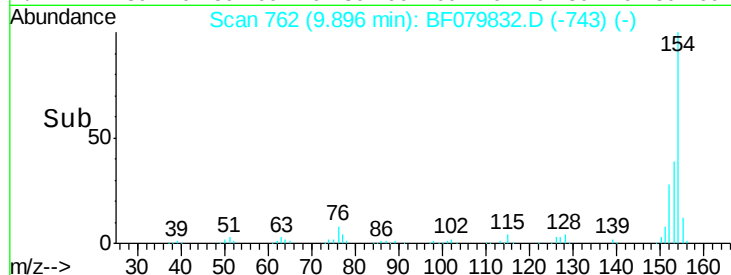
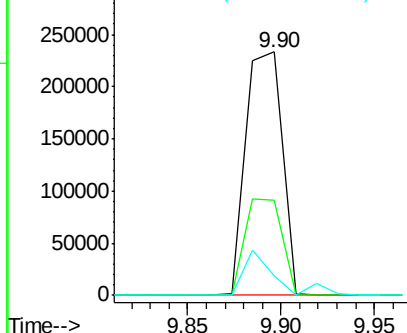
#45
 1,1'-Biphenyl
 Concen: 38.08 ng
 RT: 9.90 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060915

Tgt Ion:154 Resp: 315431
 Ion Ratio Lower Upper
 154 100
 153 39.1 20.7 60.7
 76 8.1 0.0 27.0

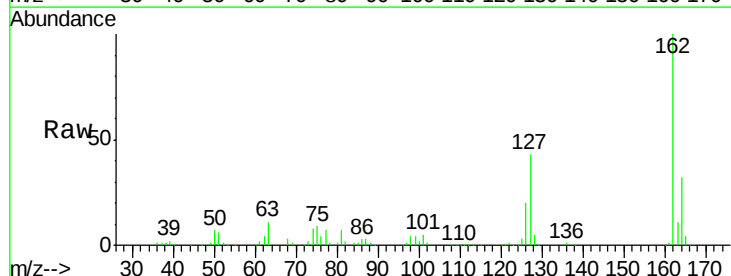


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

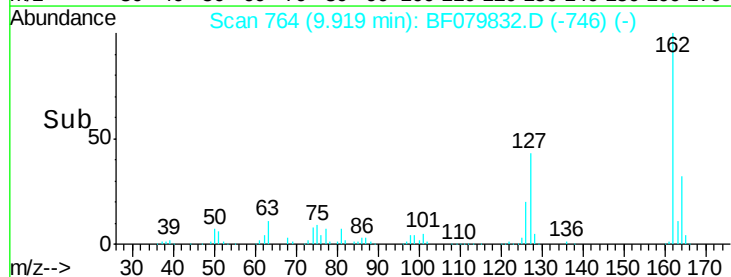
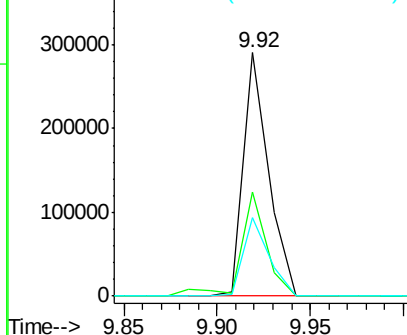


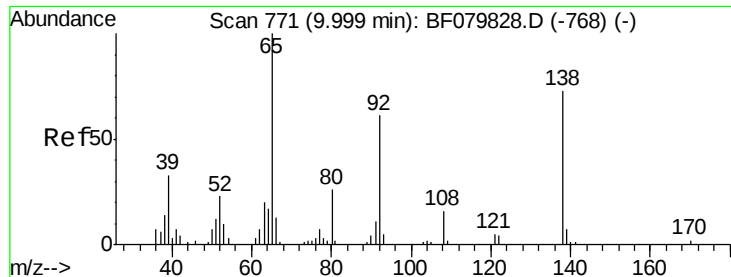
#46
 2-Chloronaphthalene
 Concen: 40.16 ng
 RT: 9.92 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Tgt Ion:162 Resp: 271630
 Ion Ratio Lower Upper
 162 100
 127 42.5 34.5 51.7
 164 32.5 25.2 37.8



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: 41.36 ng

RT: 10.00 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

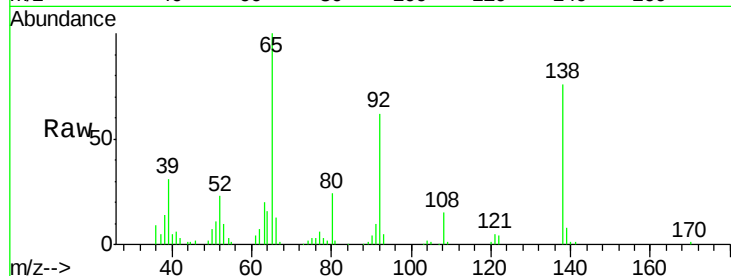
Tgt Ion: 65 Resp: 61285

Ion Ratio Lower Upper

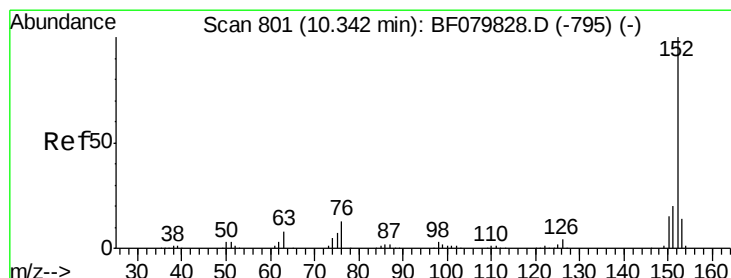
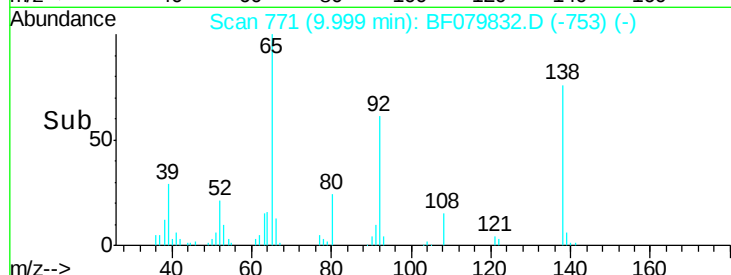
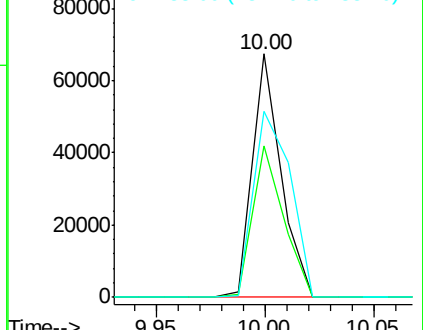
65 100

92 62.0 50.3 75.5

138 76.2 63.4 95.0



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



#48

Acenaphthylene

Concen: 39.62 ng

RT: 10.34 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

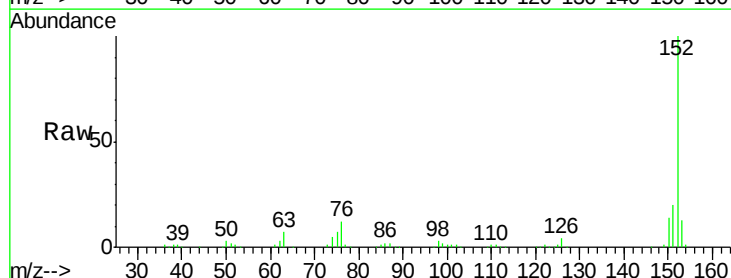
Tgt Ion: 152 Resp: 455633

Ion Ratio Lower Upper

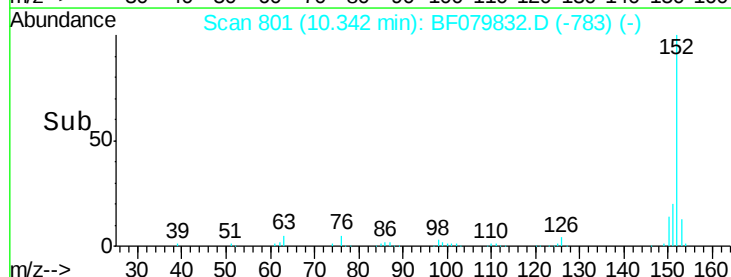
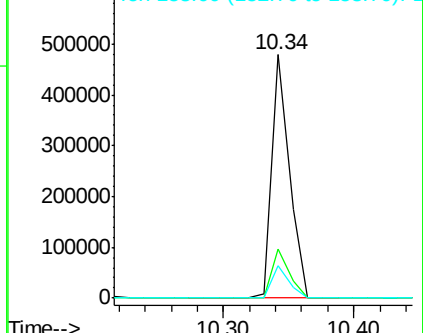
152 100

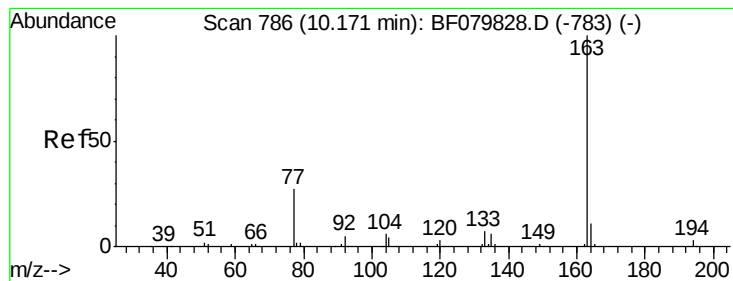
151 20.0 15.9 23.9

153 13.4 10.4 15.6



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





#49

Dimethylphthalate

Concen: 39.65 ng

RT: 10.17 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

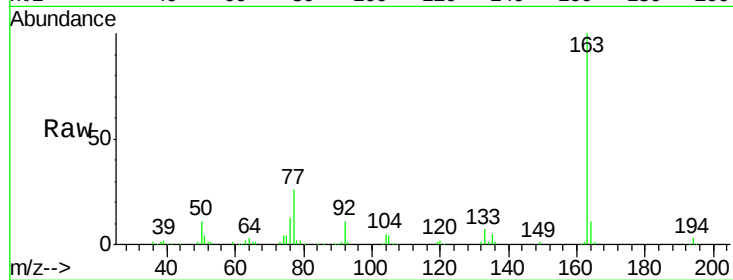
Tgt Ion:163 Resp: 308819

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

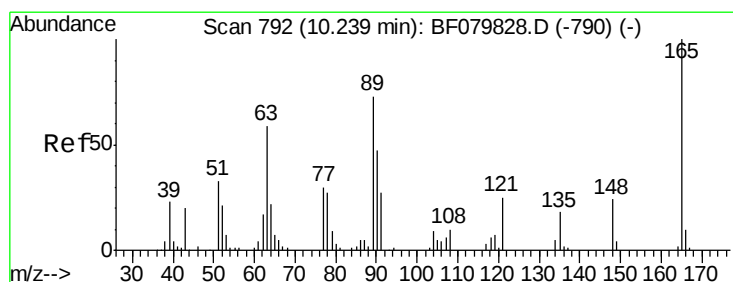
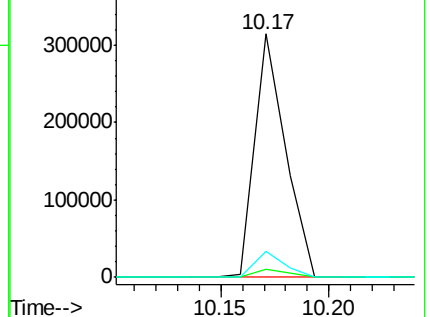
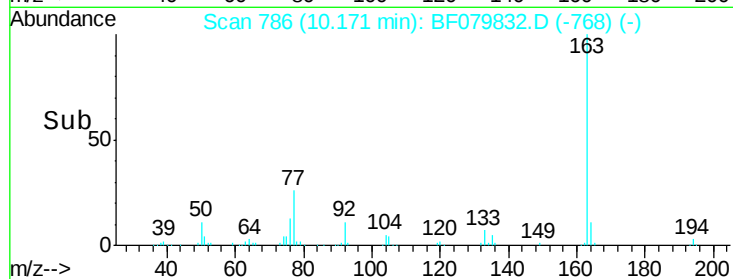
164 10.6 7.9 11.9



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: 42.26 ng

RT: 10.24 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

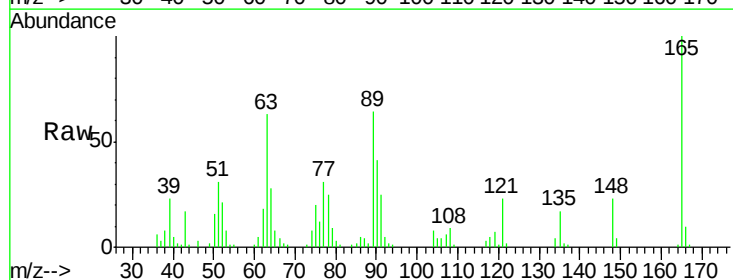
Tgt Ion:165 Resp: 57098

Ion Ratio Lower Upper

165 100

63 63.1 47.8 71.8

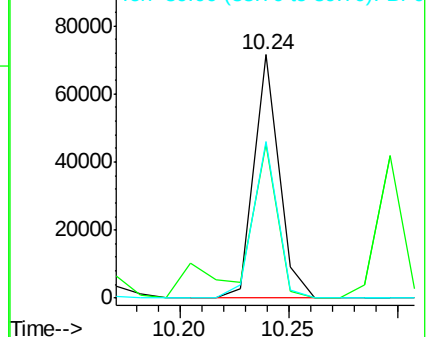
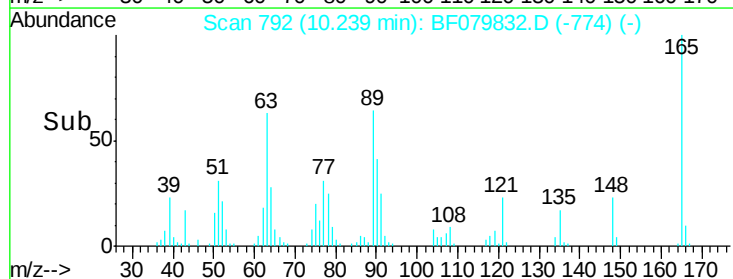
89 64.5 48.2 72.4

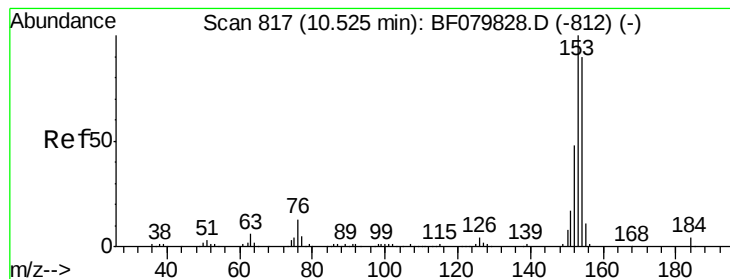


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.77 ng

RT: 10.51 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

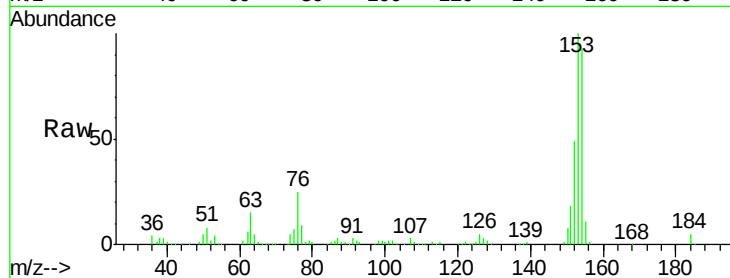
Tgt Ion:154 Resp: 267542

Ion Ratio Lower Upper

154 100

153 107.2 90.3 135.5

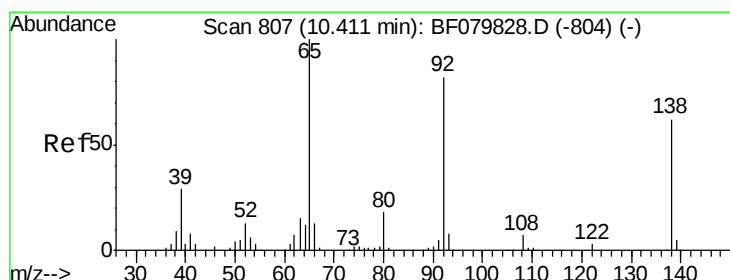
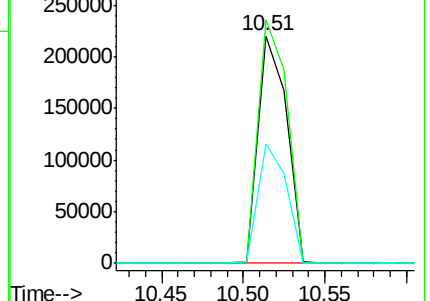
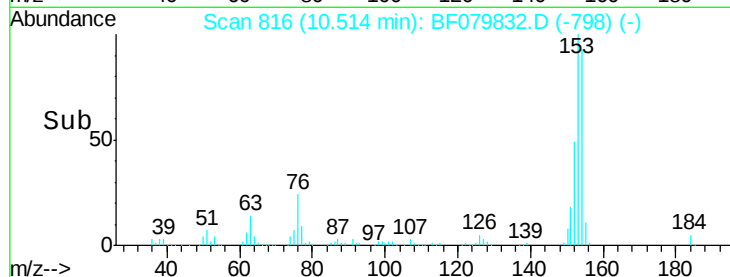
152 52.4 42.1 63.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.46 ng

RT: 10.41 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

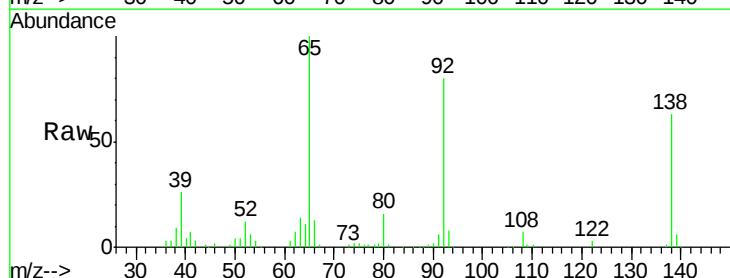
Tgt Ion:138 Resp: 65580

Ion Ratio Lower Upper

138 100

108 11.1 9.3 13.9

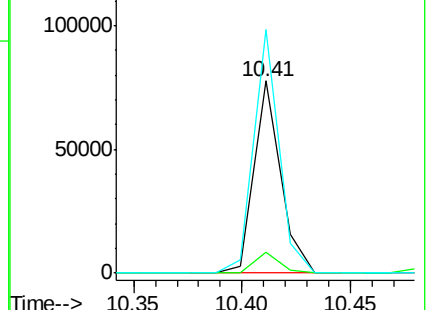
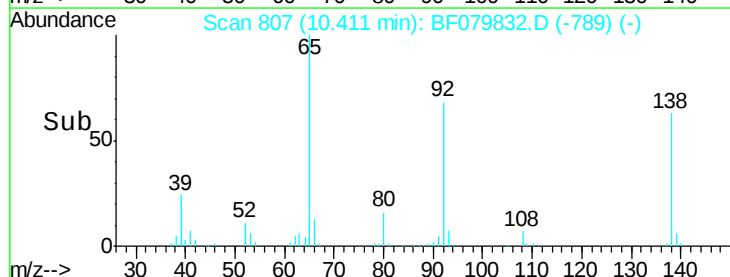
92 126.9 101.4 152.0

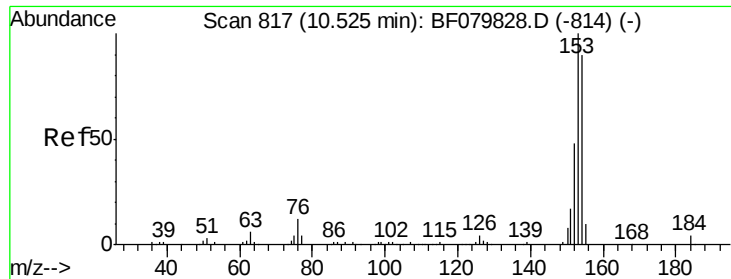


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

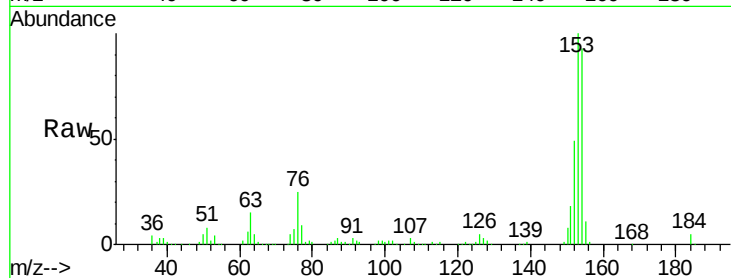




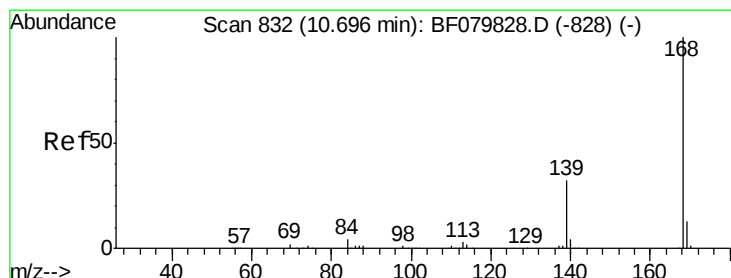
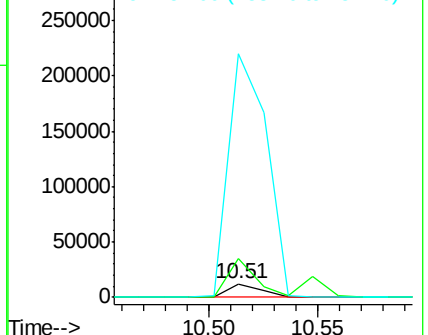
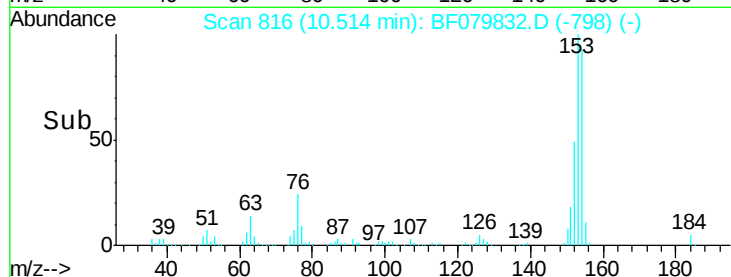
#53
2,4-Dinitrophenol
Concen: 40.17 ng
RT: 10.51 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF079832.D
Acq: 9 Jun 2015 15:13

Instrument :
BNA_F
ClientSampleId :
ICVBF060915

Tgt Ion:184 Resp: 12677
Ion Ratio Lower Upper
184 100
63 295.8 231.7 347.5
154 1843.6 1501.4 2252.2

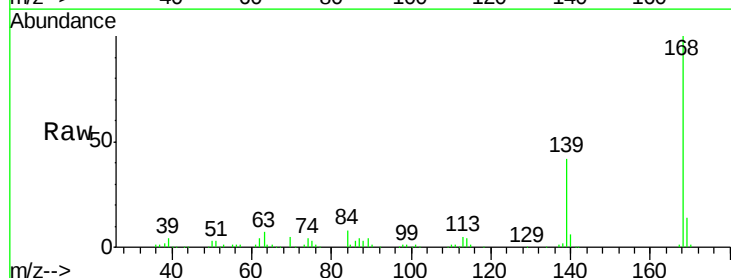


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

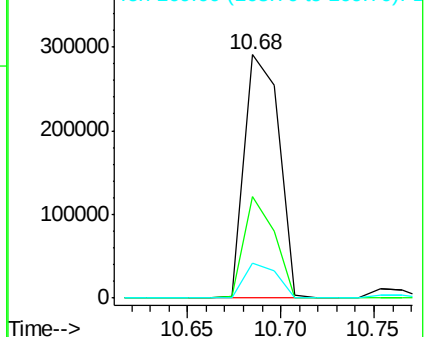
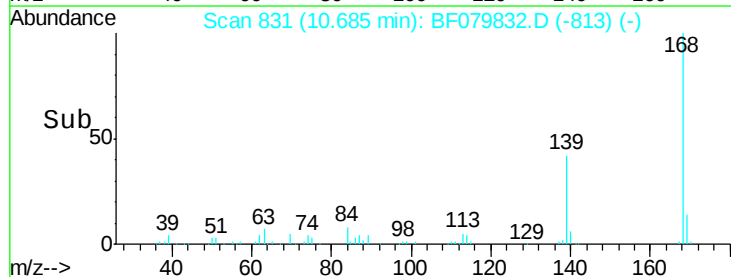


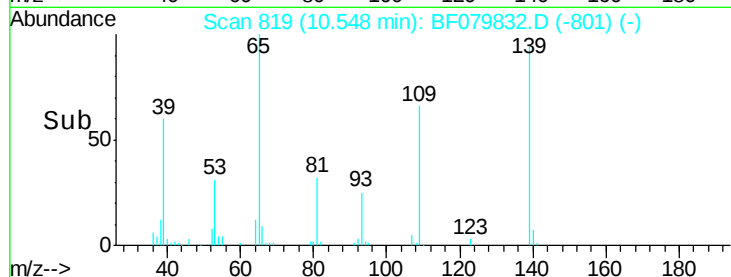
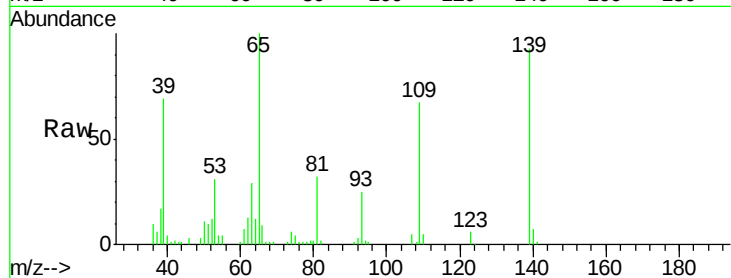
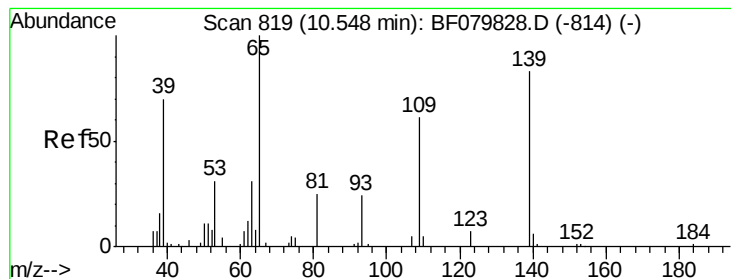
#54
Dibenzofuran
Concen: 40.22 ng
RT: 10.68 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF079832.D
Acq: 9 Jun 2015 15:13

Tgt Ion:168 Resp: 378939
Ion Ratio Lower Upper
168 100
139 41.7 34.5 51.7
169 14.1 10.9 16.3



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: 42.00 ng

RT: 10.55 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

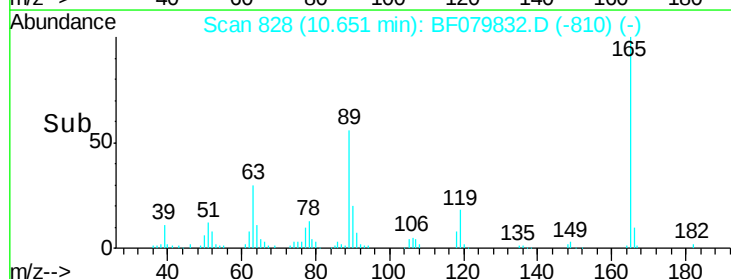
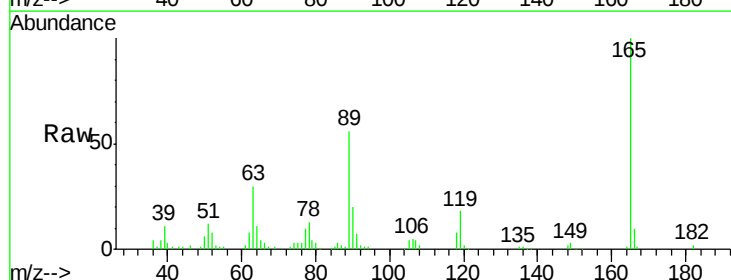
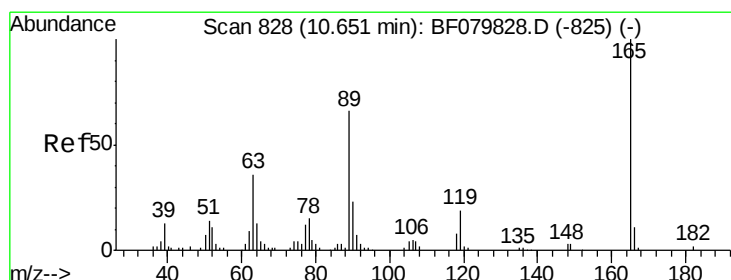
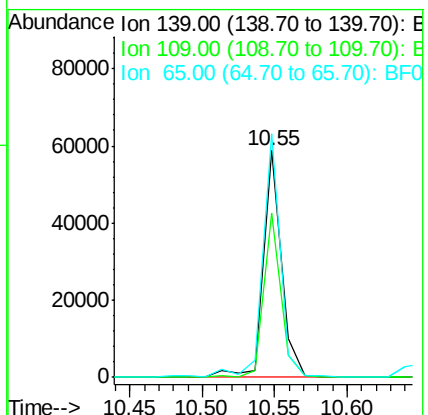
Tgt Ion:139 Resp: 50730

Ion Ratio Lower Upper

139 100

109 72.6 52.1 92.1

65 107.5 85.7 125.7



#56

2,4-Dinitrotoluene

Concen: 39.15 ng

RT: 10.65 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Tgt Ion:165 Resp: 72223

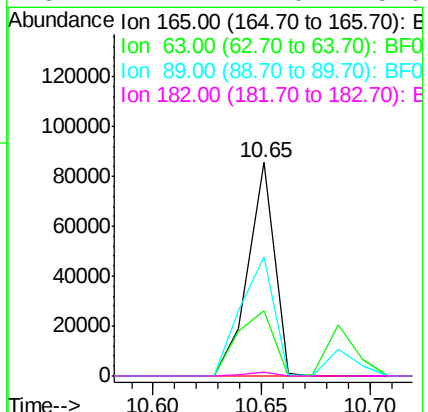
Ion Ratio Lower Upper

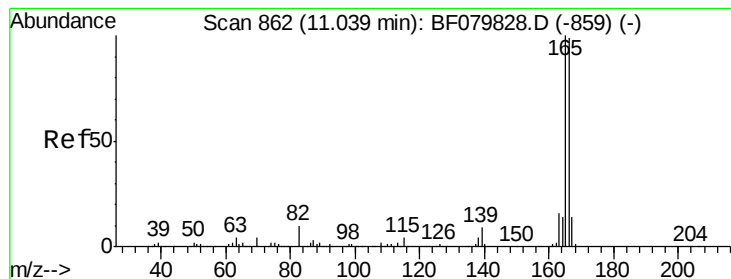
165 100

63 30.4 24.4 36.6

89 55.8 45.3 67.9

182 2.1 2.0 3.0





#57

Fluorene

Concen: 40.73 ng

RT: 11.04 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

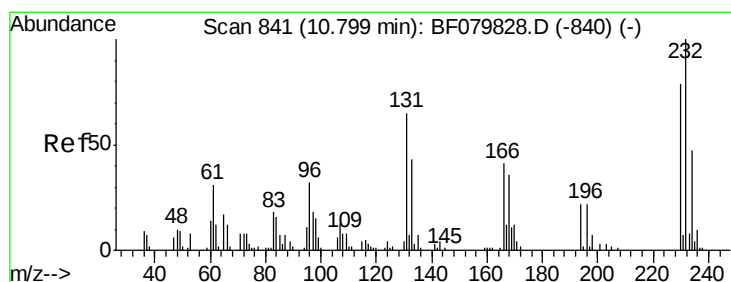
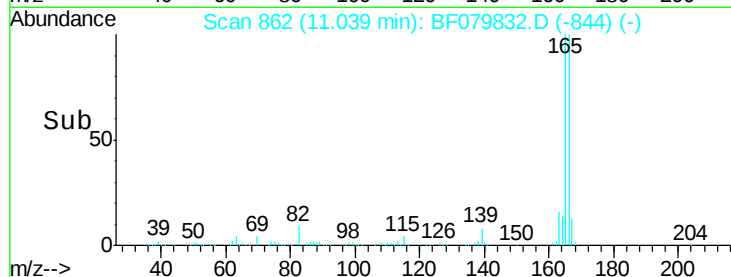
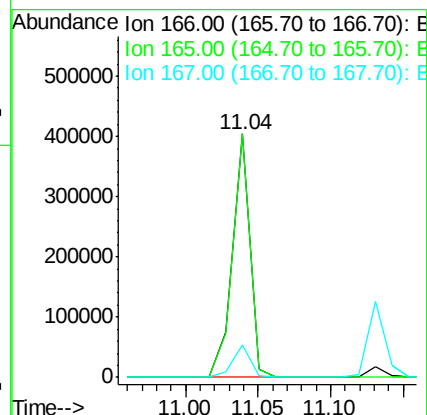
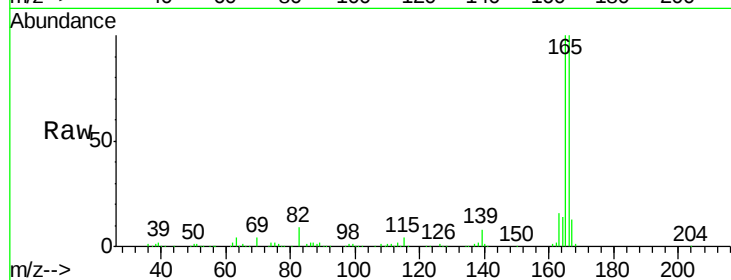
Tgt Ion:166 Resp: 339851

Ion Ratio Lower Upper

166 100

165 100.2 80.6 120.8

167 13.4 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.70 ng

RT: 10.80 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Tgt Ion:232 Resp: 68721

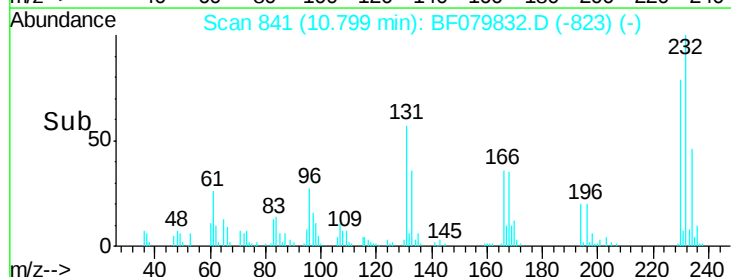
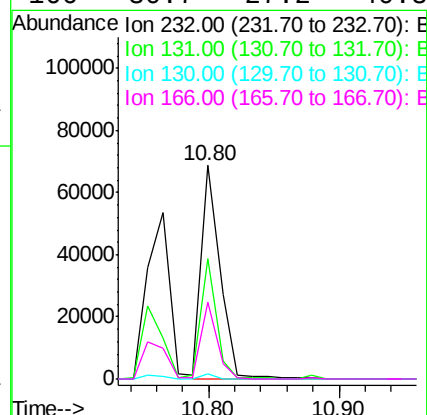
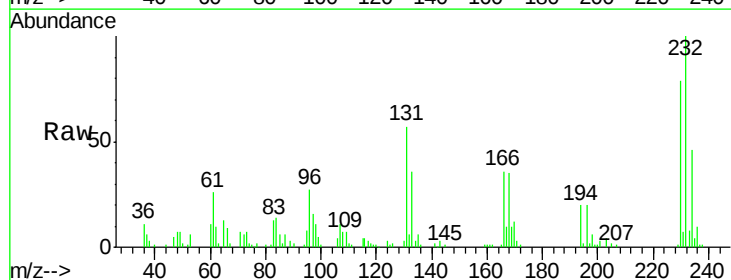
Ion Ratio Lower Upper

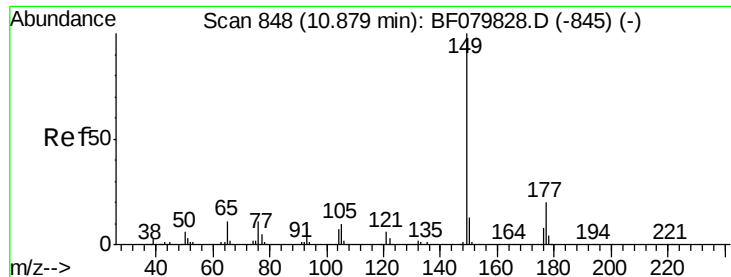
232 100

131 47.1 38.7 58.1

130 1.8 1.5 2.3

166 30.7 27.2 40.8

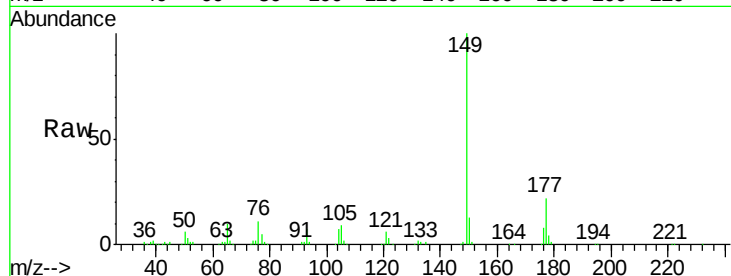




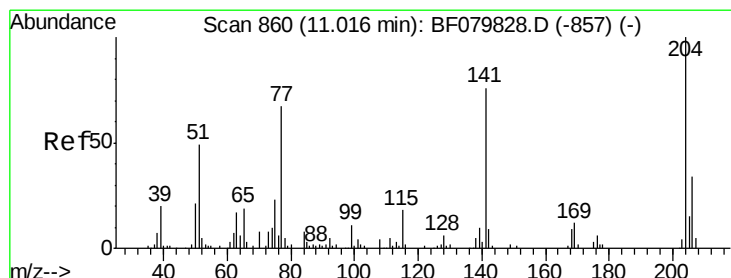
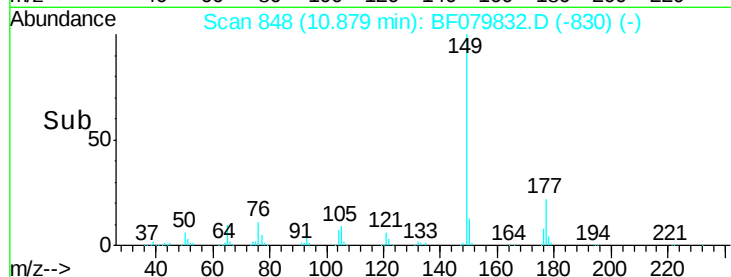
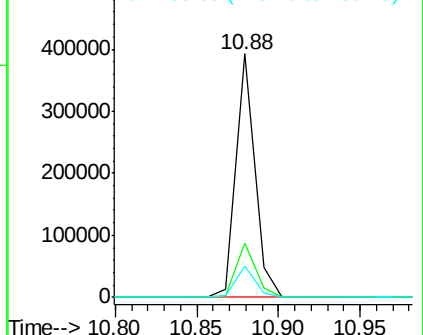
#59
Diethylphthalate
Concen: 41.01 ng
RT: 10.88 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF079832.D
Acq: 9 Jun 2015 15:13

Instrument :
BNA_F
ClientSampleId :
ICVBF060915

Tgt Ion:149 Resp: 312705
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.0
150 12.8 10.2 15.2

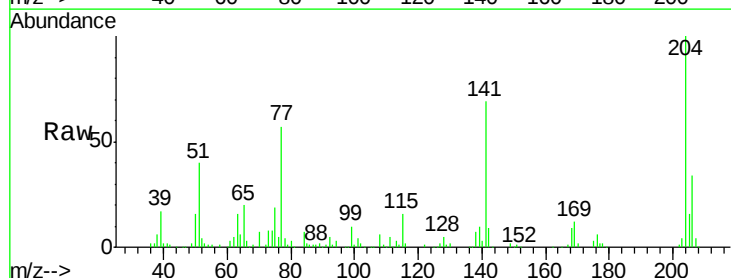


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

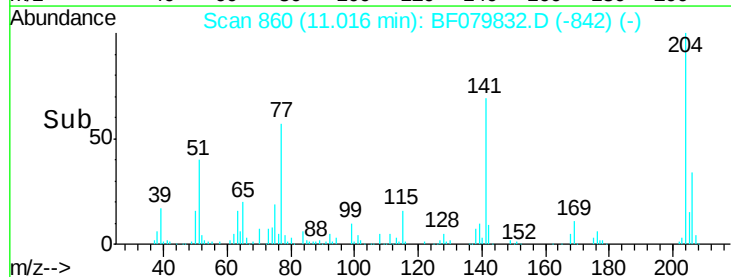
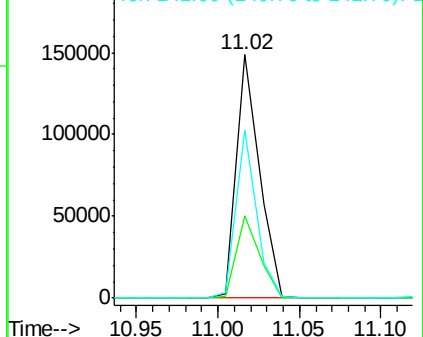


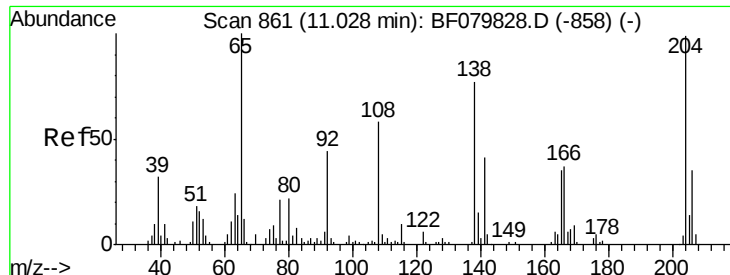
#60
4-Chlorophenyl-phenylether
Concen: 39.88 ng
RT: 11.02 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF079832.D
Acq: 9 Jun 2015 15:13

Tgt Ion:204 Resp: 143953
Ion Ratio Lower Upper
204 100
206 33.9 26.6 39.8
141 69.2 59.0 88.4



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

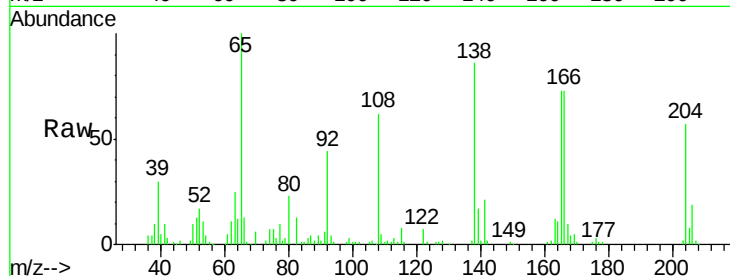




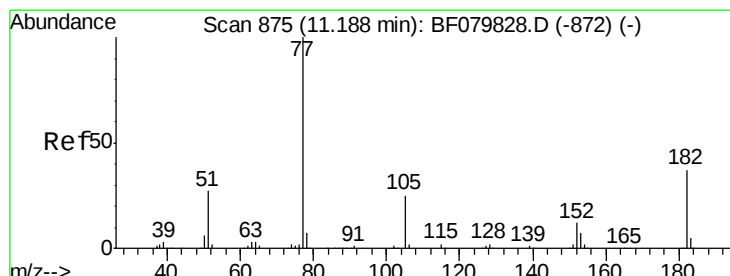
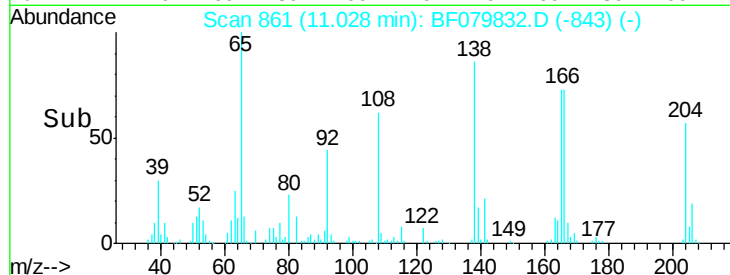
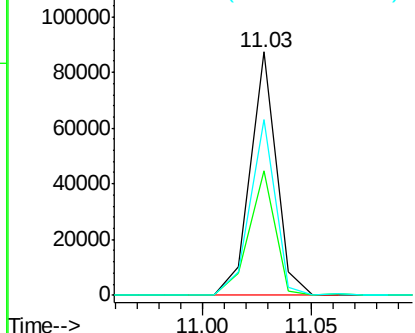
#61
4-Nitroaniline
Concen: 44.61 ng
RT: 11.03 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF079832.D
Acq: 9 Jun 2015 15:13

Instrument :
BNA_F
ClientSampleId :
ICVBF060915

Tgt Ion:138 Resp: 72739
Ion Ratio Lower Upper
138 100
92 51.1 33.1 73.1
108 72.0 51.1 91.1

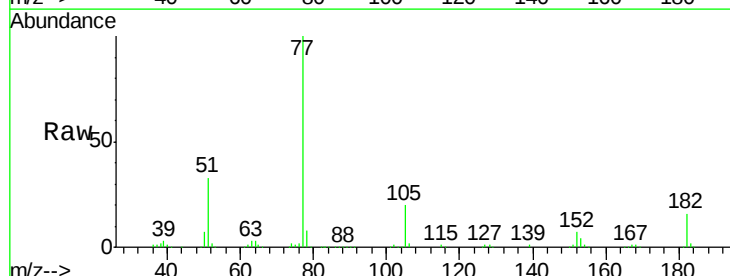


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

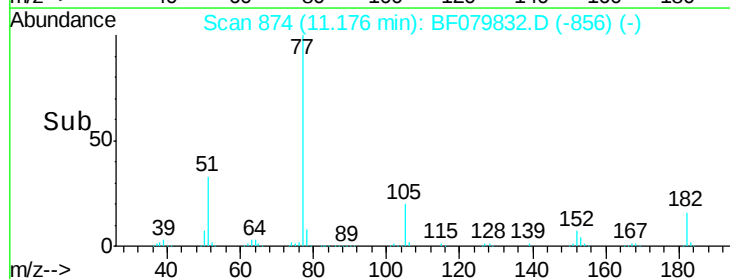
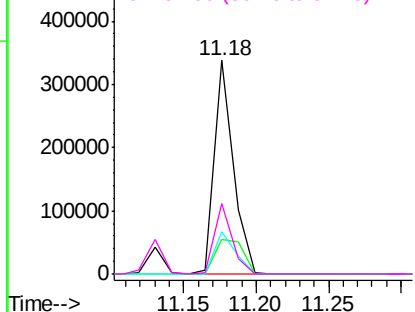


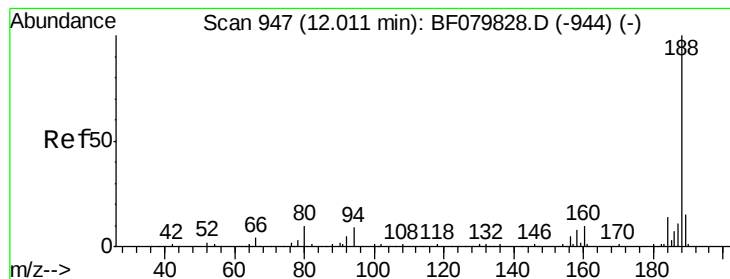
#62
Azobenzene
Concen: 40.91 ng
RT: 11.18 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF079832.D
Acq: 9 Jun 2015 15:13

Tgt Ion: 77 Resp: 307239
Ion Ratio Lower Upper
77 100
182 16.3 0.0 36.2
105 19.8 0.0 39.8
51 33.2 11.2 51.2



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: 12.00 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

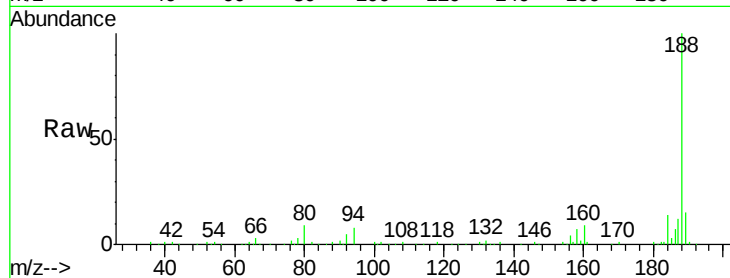
Tgt Ion:188 Resp: 207234

Ion Ratio Lower Upper

188 100

94 8.1 7.4 11.0

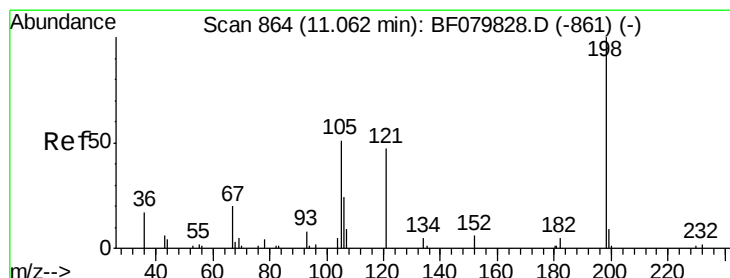
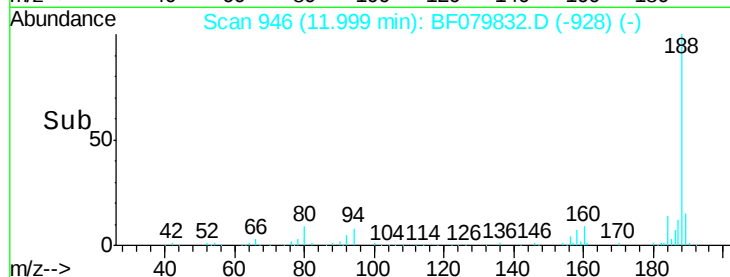
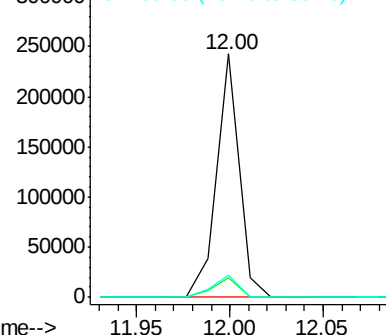
80 9.3 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.61 ng

RT: 11.06 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

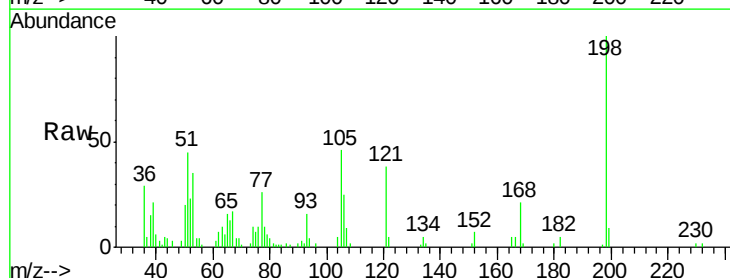
Tgt Ion:198 Resp: 24111

Ion Ratio Lower Upper

198 100

51 44.8 20.9 60.9

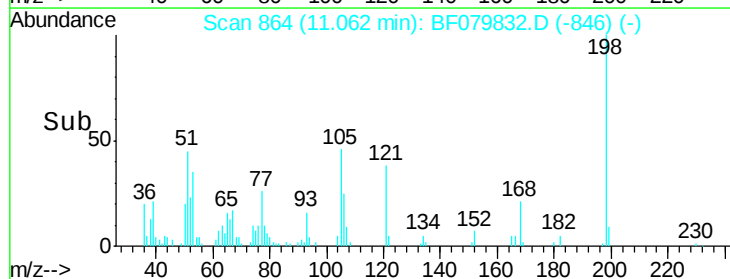
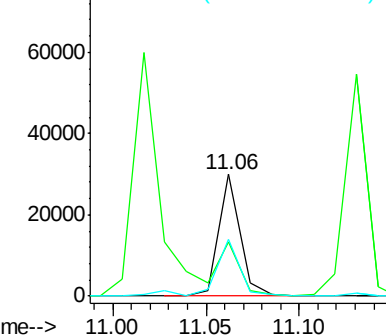
105 46.3 25.1 65.1

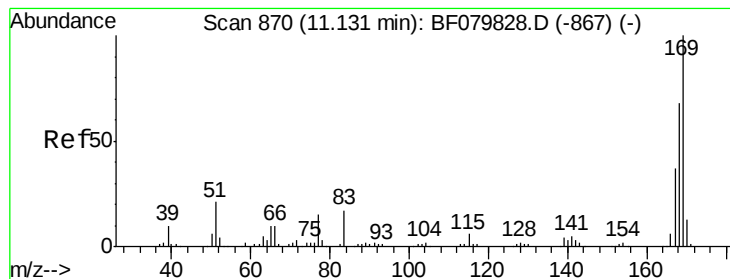


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

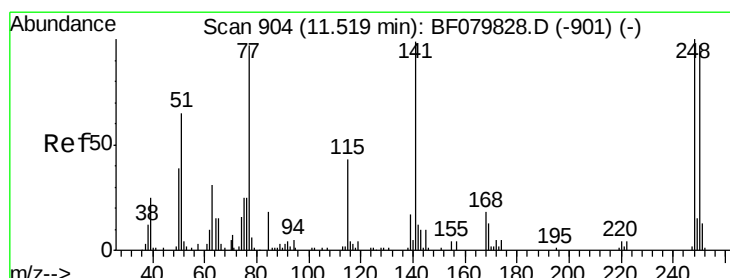
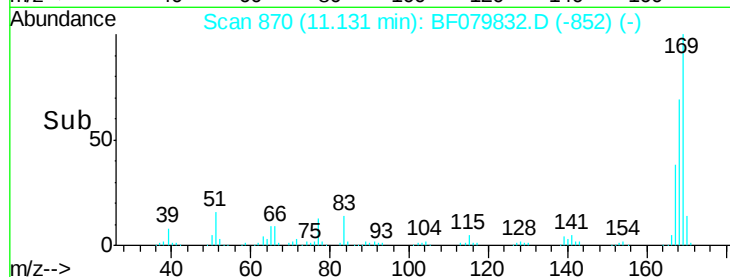
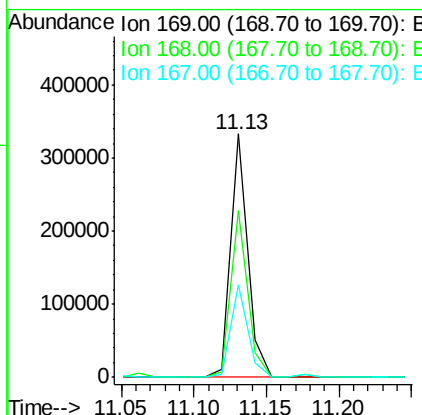
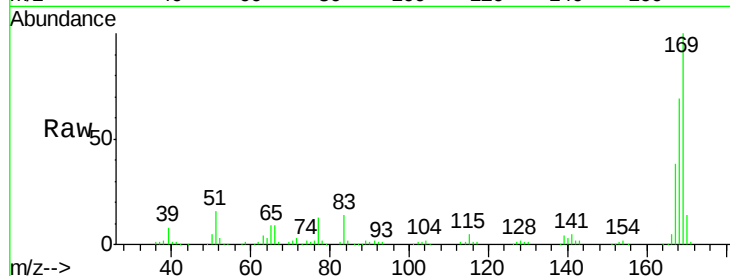




#65
 n-Nitrosodiphenylamine
 Concen: 39.55 ng
 RT: 11.13 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

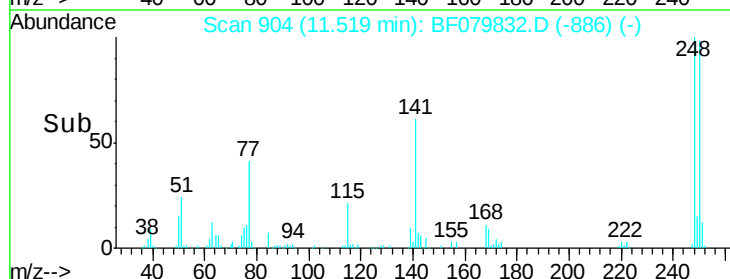
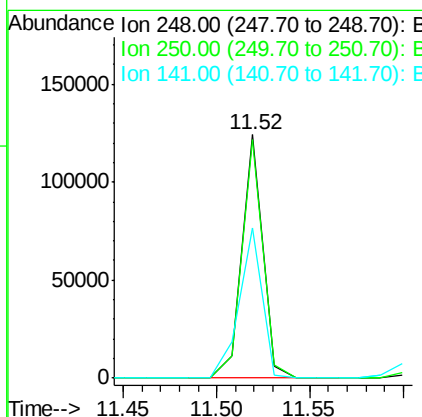
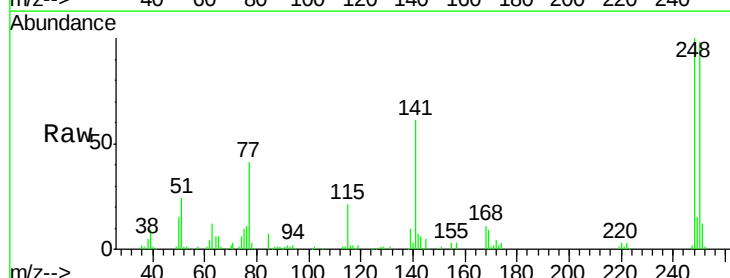
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060915

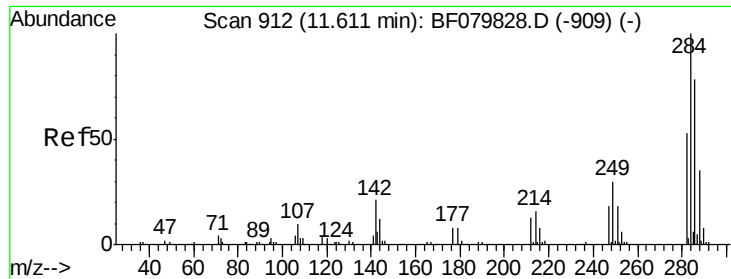
Tgt Ion:169 Resp: 271936
 Ion Ratio Lower Upper
 169 100
 168 68.5 53.9 80.9
 167 38.0 28.7 43.1



#66
 4-Bromophenyl-phenylether
 Concen: 40.68 ng
 RT: 11.52 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Tgt Ion:248 Resp: 97443
 Ion Ratio Lower Upper
 248 100
 250 97.8 77.8 116.8
 141 61.4 43.7 65.5

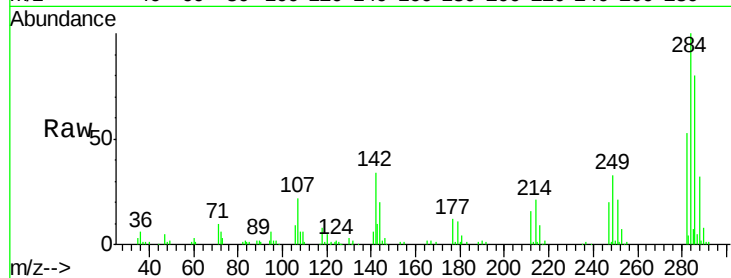




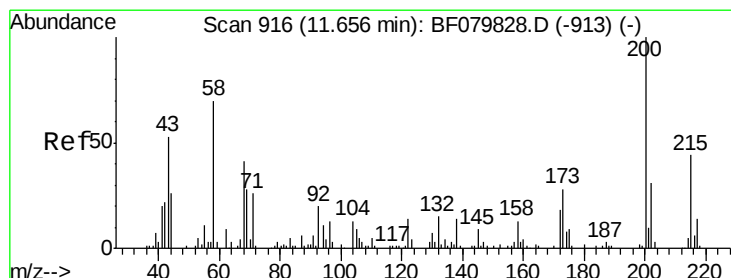
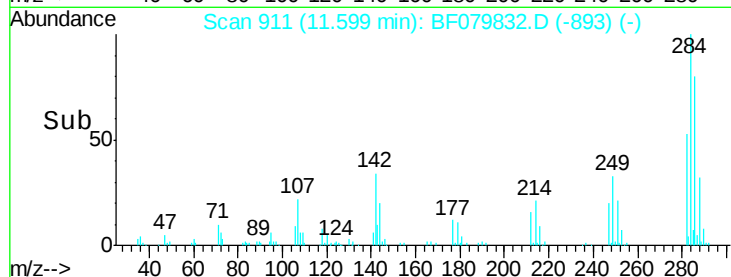
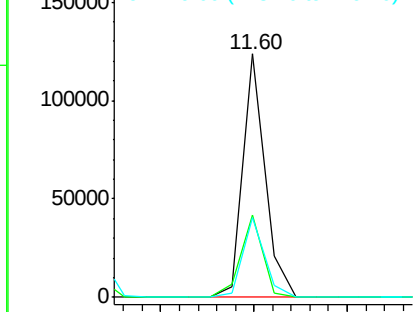
#67
Hexachlorobenzene
Concen: 41.11 ng
RT: 11.60 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF079832.D
Acq: 9 Jun 2015 15:13

Instrument :
BNA_F
ClientSampleId :
ICVBF060915

Tgt Ion:284 Resp: 103339
Ion Ratio Lower Upper
284 100
142 33.6 23.3 34.9
249 32.9 25.9 38.9

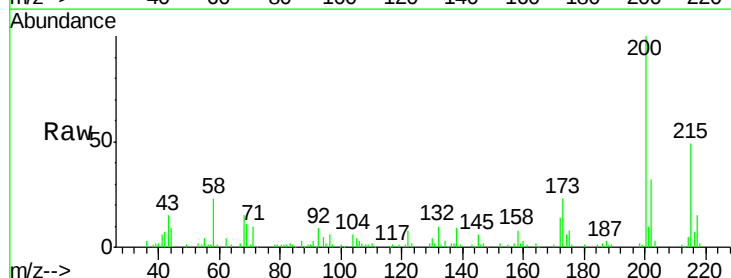


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

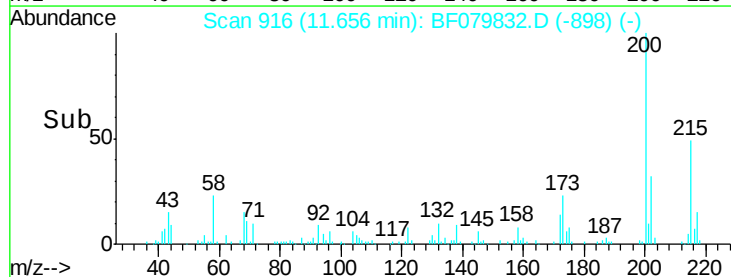
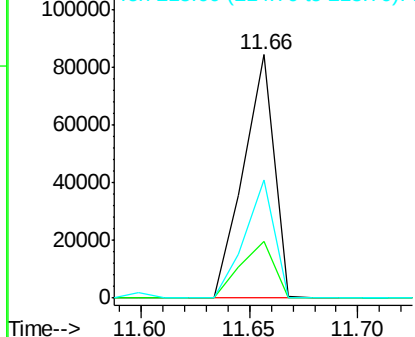


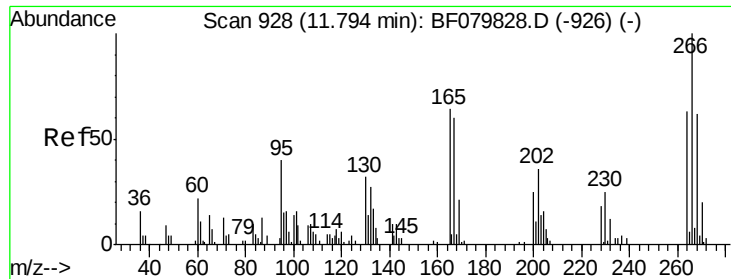
#68
Atrazine
Concen: 42.41 ng
RT: 11.66 min Scan# 916
Delta R.T. 0.00 min
Lab File: BF079832.D
Acq: 9 Jun 2015 15:13

Tgt Ion:200 Resp: 82801
Ion Ratio Lower Upper
200 100
173 23.3 8.7 48.7
215 48.7 23.1 63.1



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

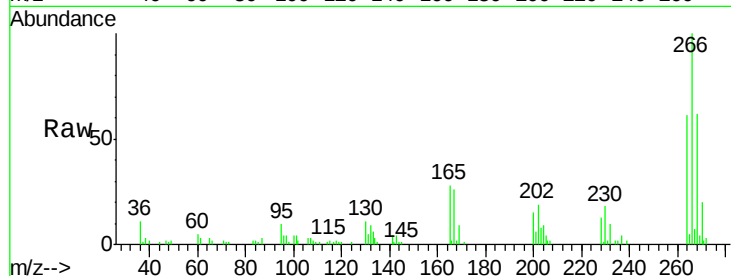




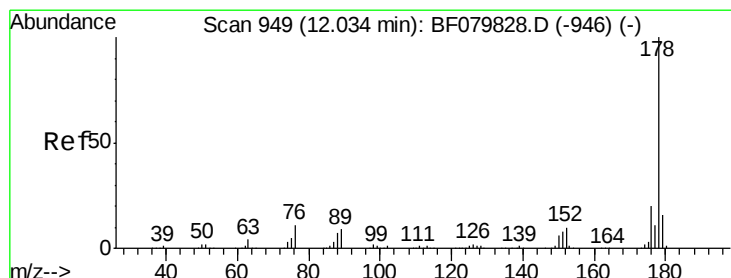
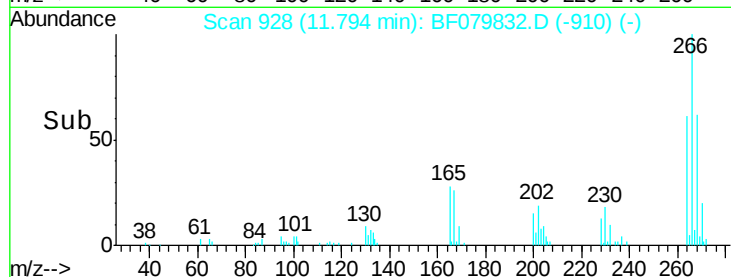
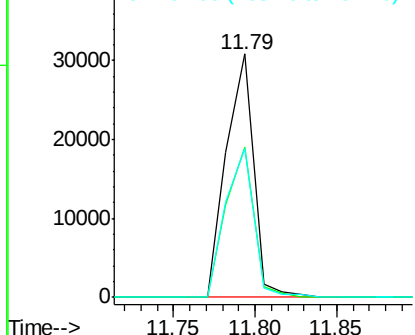
#69
 Pentachlorophenol
 Concen: 39.13 ng
 RT: 11.79 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060915

Tgt Ion: 266 Resp: 35685
 Ion Ratio Lower Upper
 266 100
 268 61.9 49.1 73.7
 264 60.9 49.4 74.2

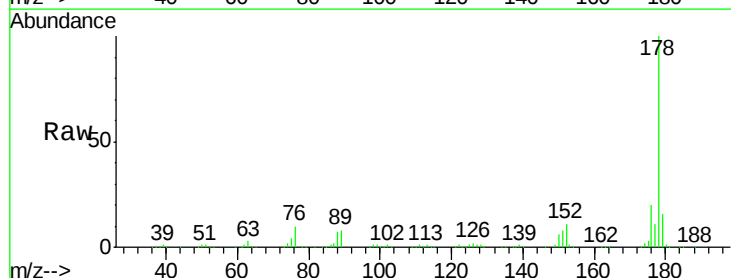


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

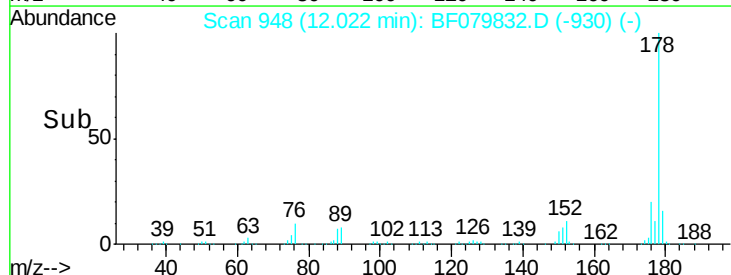
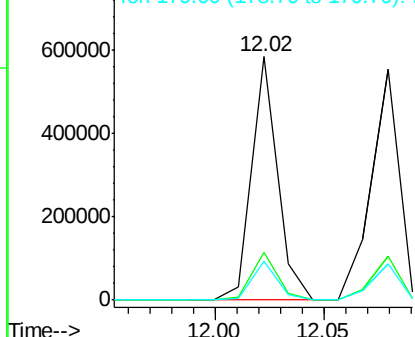


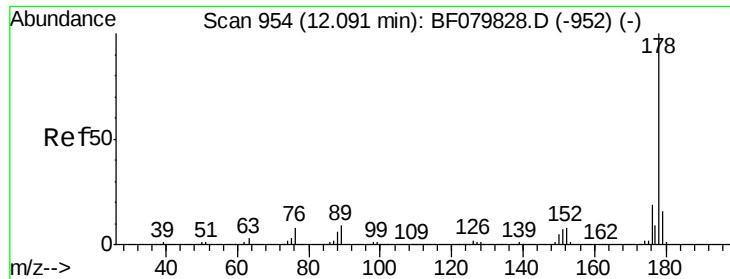
#70
 Phenanthrene
 Concen: 39.01 ng
 RT: 12.02 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Tgt Ion: 178 Resp: 482888
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.2
 179 16.0 12.3 18.5



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

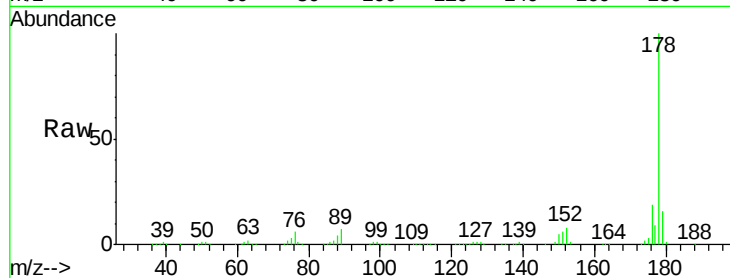




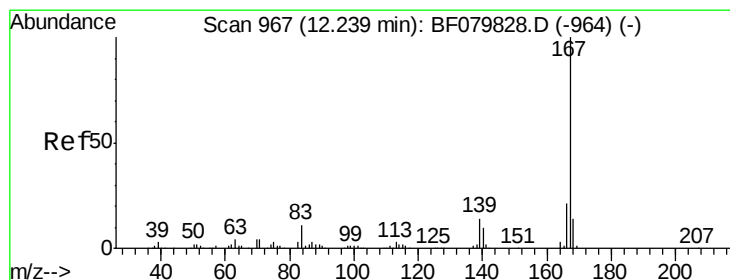
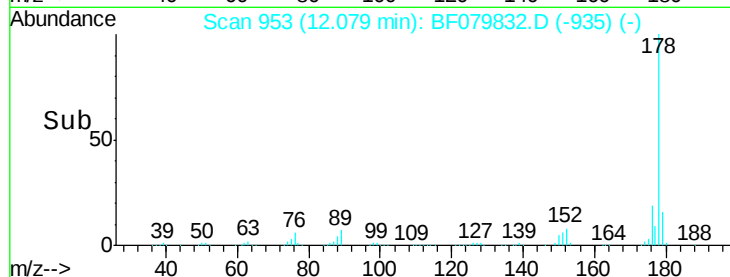
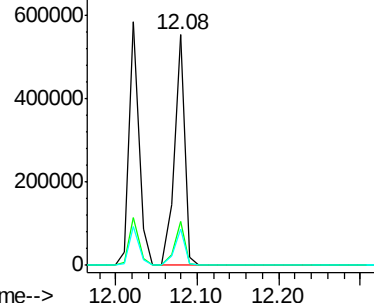
#71
 Anthracene
 Concen: 41.02 ng
 RT: 12.08 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060915

Tgt Ion:178 Resp: 497167
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.1 22.7
 179 15.7 12.1 18.1

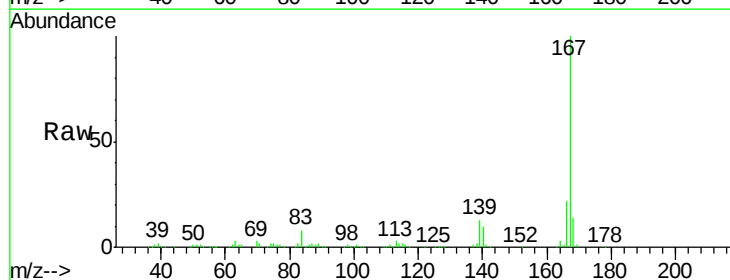


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

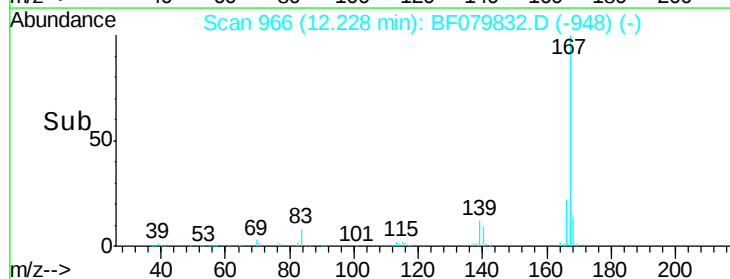
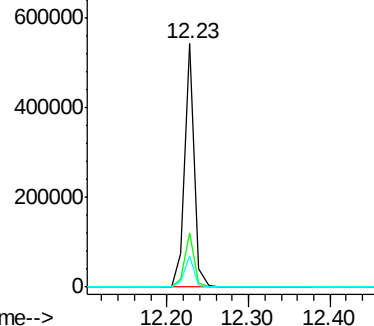


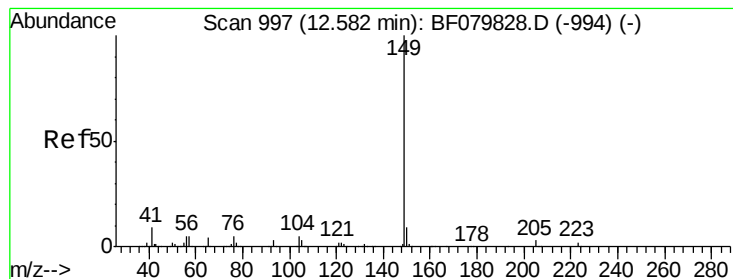
#72
 Carbazole
 Concen: 40.91 ng
 RT: 12.23 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Tgt Ion:167 Resp: 459058
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 12.8 9.2 13.8



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





#73

Di-n-butylphthalate

Concen: 42.50 ng

RT: 12.56 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

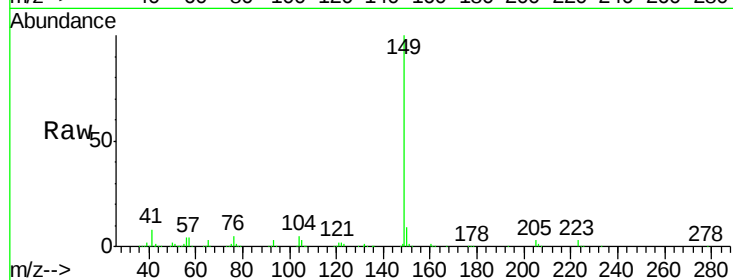
Tgt Ion:149 Resp: 494787

Ion Ratio Lower Upper

149 100

150 9.5 7.0 10.6

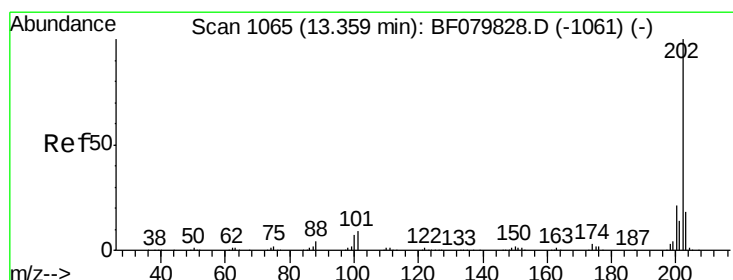
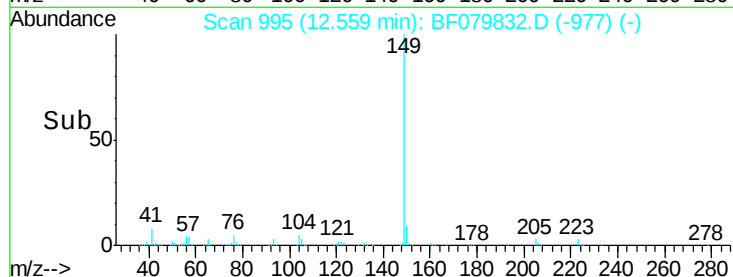
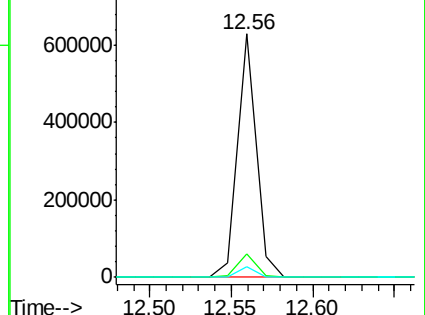
104 4.6 3.2 4.8



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: 39.24 ng

RT: 13.31 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

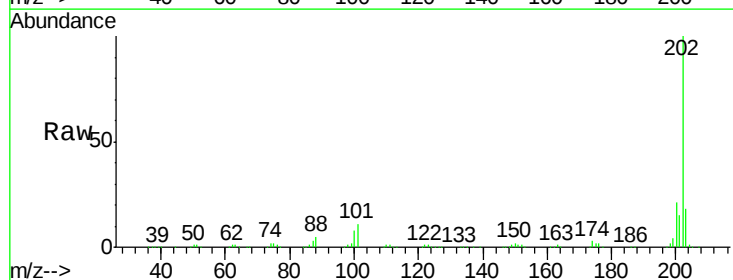
Tgt Ion:202 Resp: 509433

Ion Ratio Lower Upper

202 100

101 10.9 0.0 28.6

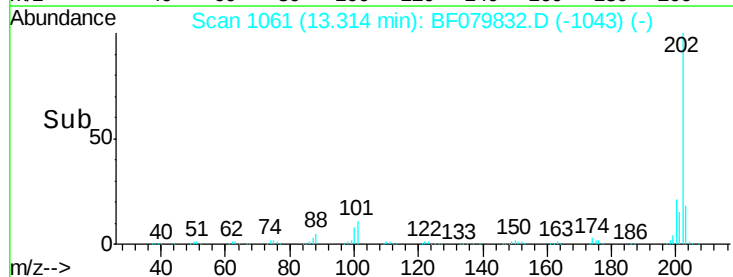
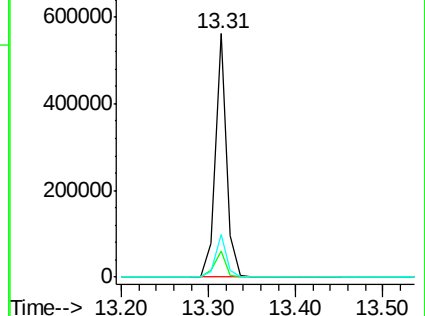
203 17.8 0.0 37.4

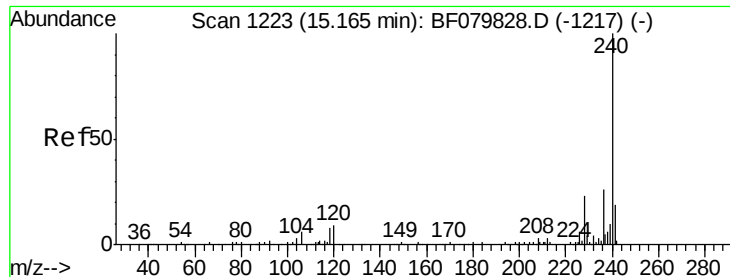


Abundance Ion 202.00 (201.70 to 202.70): E

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: 15.06 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

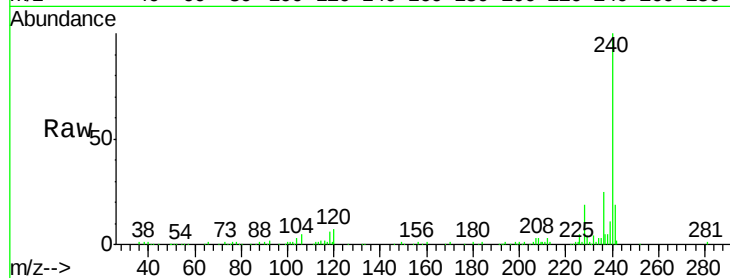
Tgt Ion:240 Resp: 205691

Ion Ratio Lower Upper

240 100

120 7.3 6.6 9.8

236 24.5 20.2 30.4

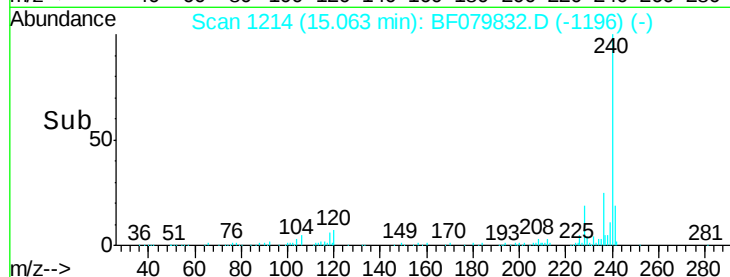


Abundance Ion 240.00 (239.70 to 240.70): E

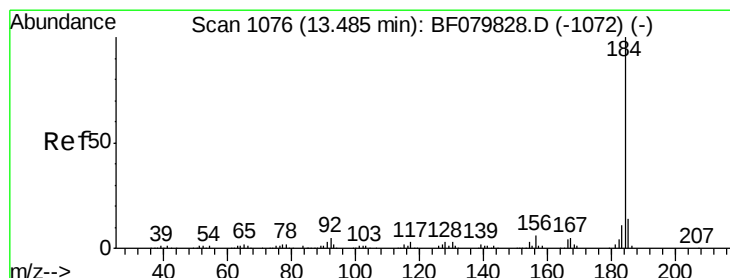
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

15.06



Time-->



#76

Benzidine

Concen: 41.79 ng

RT: 13.43 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

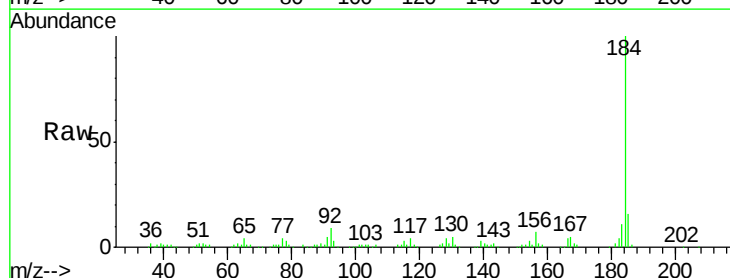
Tgt Ion:184 Resp: 256234

Ion Ratio Lower Upper

184 100

185 15.8 11.1 16.7

183 10.8 9.0 13.6

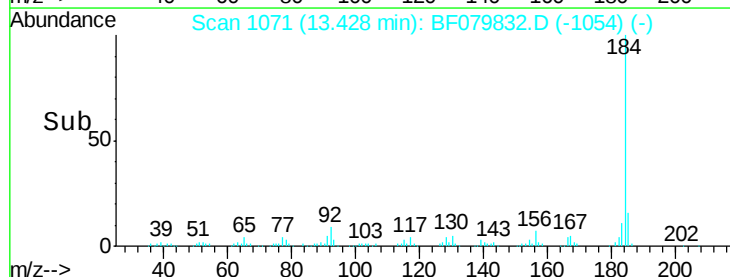


Abundance Ion 184.00 (183.70 to 184.70): E

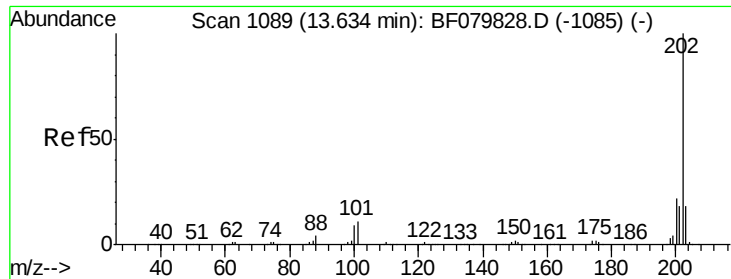
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

13.43



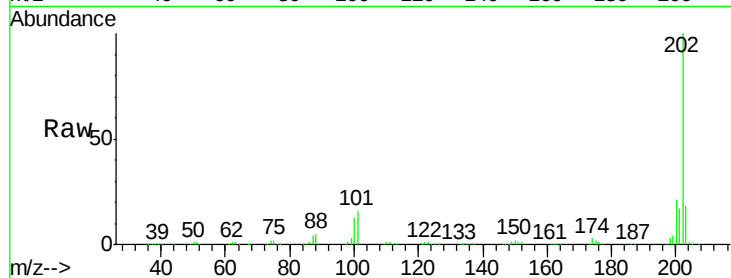
Time-->



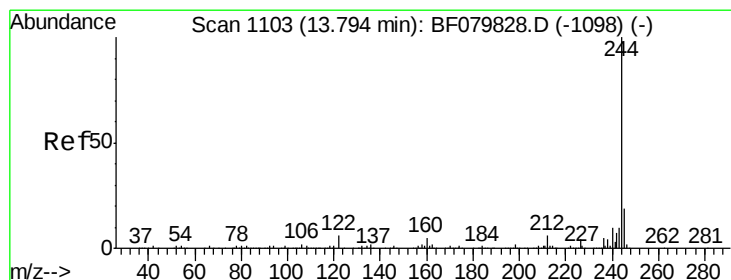
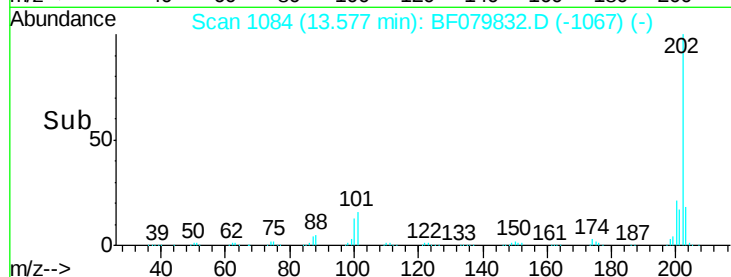
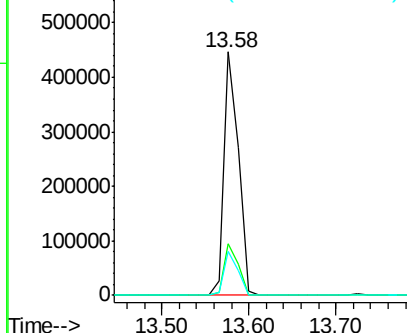
#77
 Pyrene
 Concen: 40.61 ng
 RT: 13.58 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060915

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	17.8	13.7	20.5

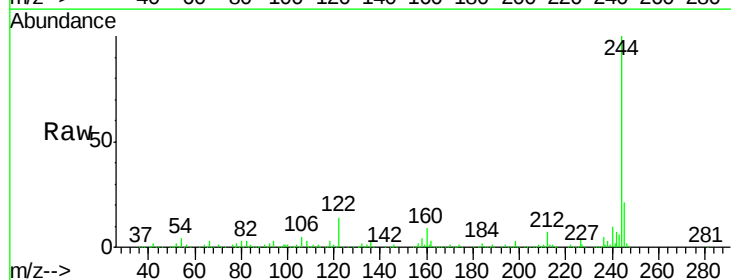


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

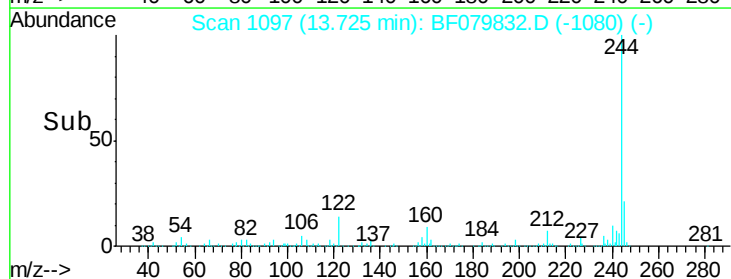
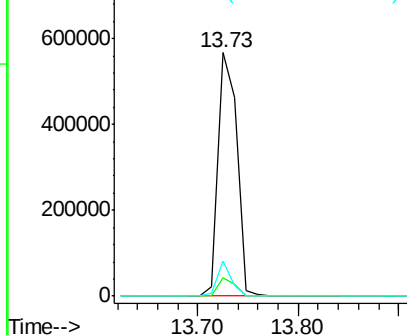


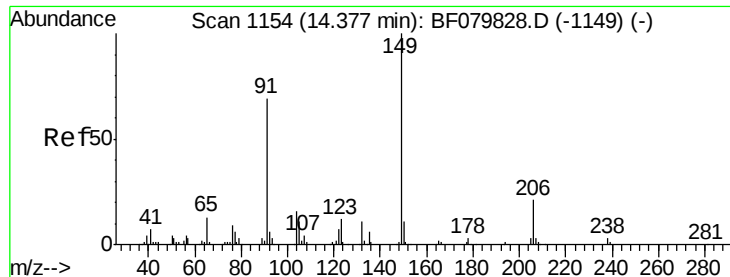
#78
 Terphenyl-d14
 Concen: 80.65 ng
 RT: 13.73 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.6	8.4
122	14.2	8.2	12.2#



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

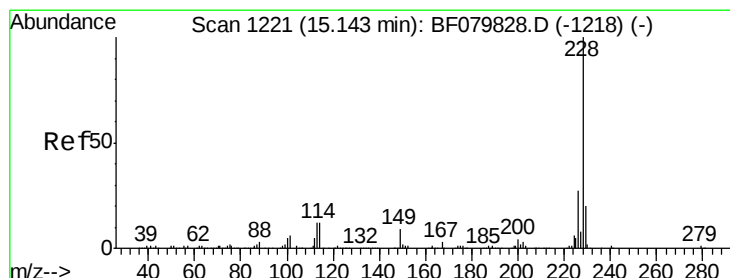
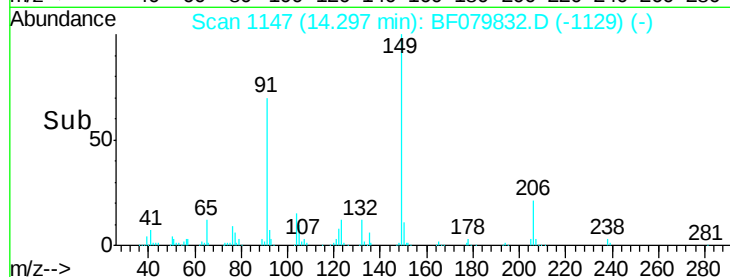
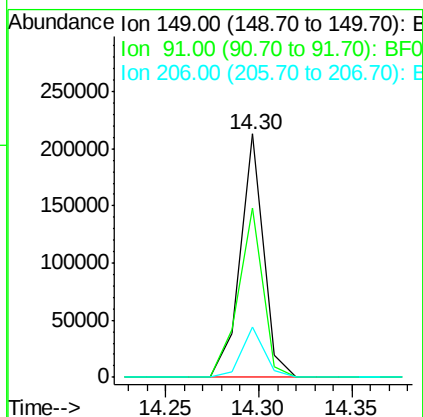
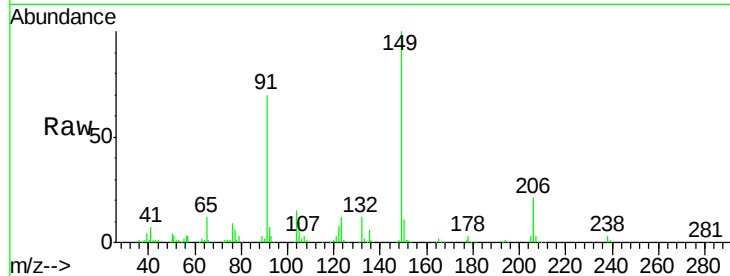




#79
Butylbenzylphthalate
Concen: 43.43 ng
RT: 14.30 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF079832.D
Acq: 9 Jun 2015 15:13

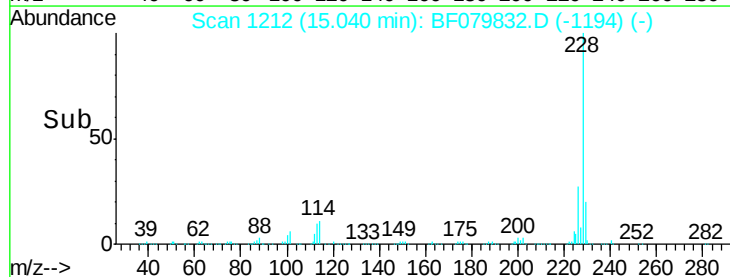
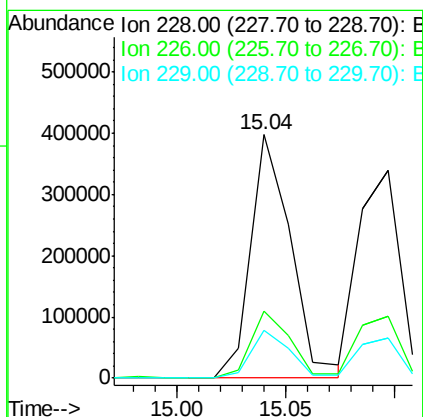
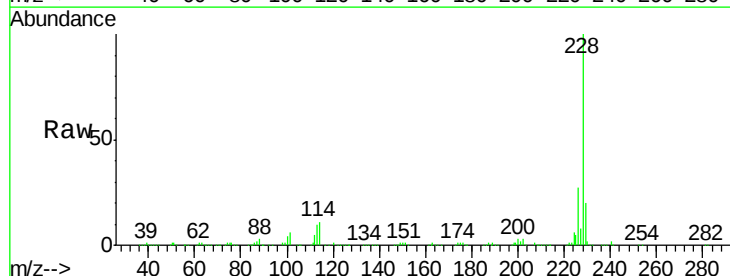
Instrument :
BNA_F
ClientSampleId :
ICVBF060915

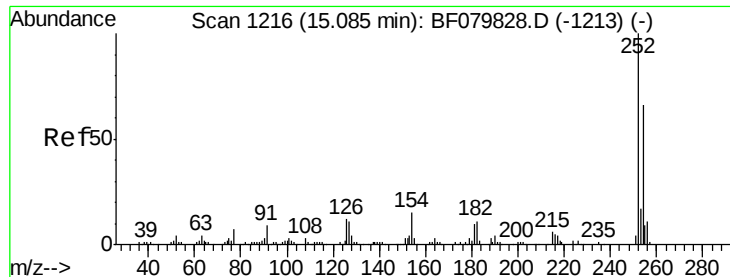
Tgt Ion:149 Resp: 186464
Ion Ratio Lower Upper
149 100
91 69.7 58.6 87.8
206 20.6 13.9 20.9



#80
Benzo(a)anthracene
Concen: 41.78 ng
RT: 15.04 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF079832.D
Acq: 9 Jun 2015 15:13

Tgt Ion:228 Resp: 510901
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.4
229 19.6 16.0 24.0

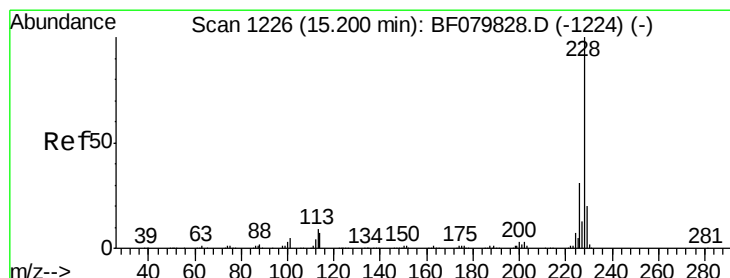
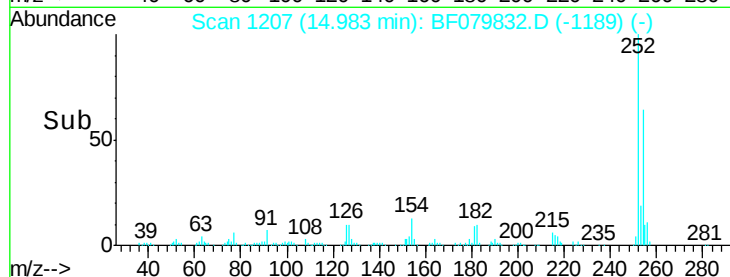
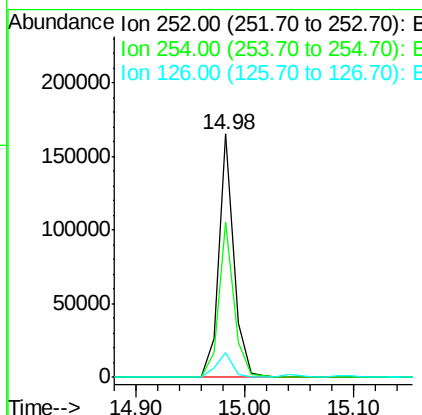
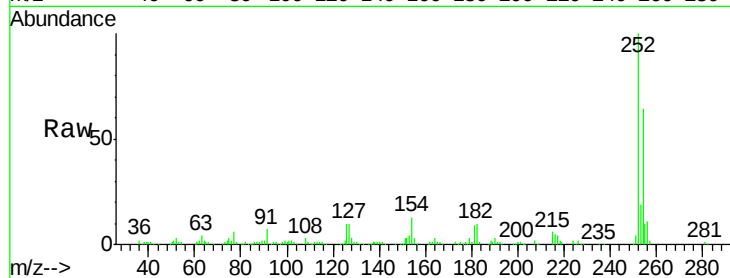




#81
 3,3'-Dichlorobenzidine
 Concen: 42.13 ng
 RT: 14.98 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

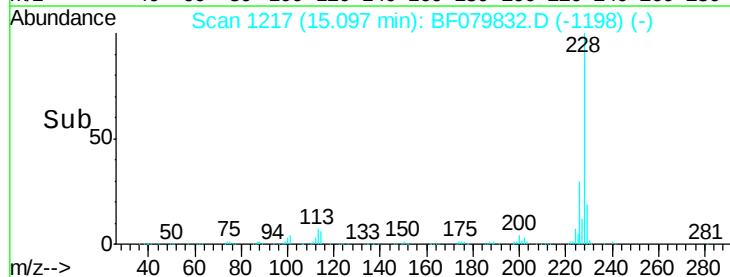
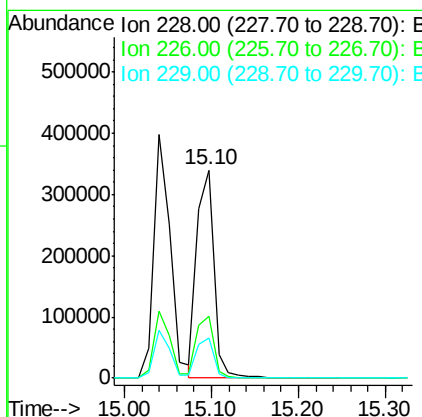
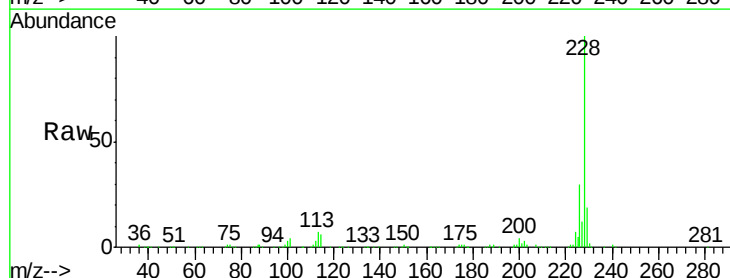
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060915

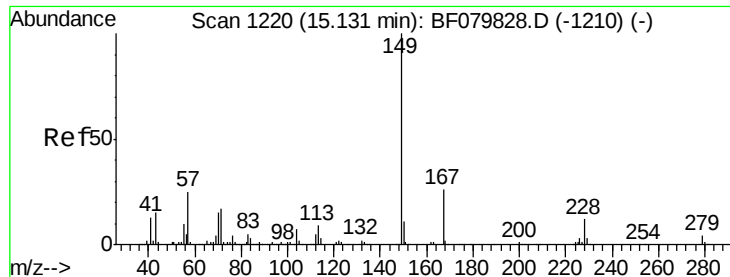
Tgt Ion:252 Resp: 160859
 Ion Ratio Lower Upper
 252 100
 254 63.8 51.9 77.9
 126 10.1 4.7 7.1#



#82
 Chrysene
 Concen: 40.47 ng
 RT: 15.10 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF079832.D
 Acq: 9 Jun 2015 15:13

Tgt Ion:228 Resp: 464368
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.5 35.3
 229 19.4 15.4 23.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.05 ng

RT: 15.02 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

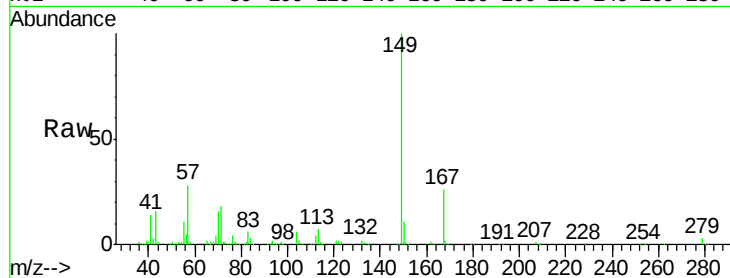
Tgt Ion:149 Resp: 278977

Ion Ratio Lower Upper

149 100

167 26.5 18.7 28.1

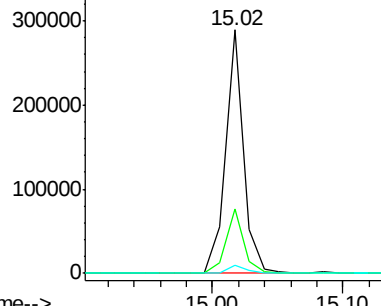
279 3.2 1.7 2.5#



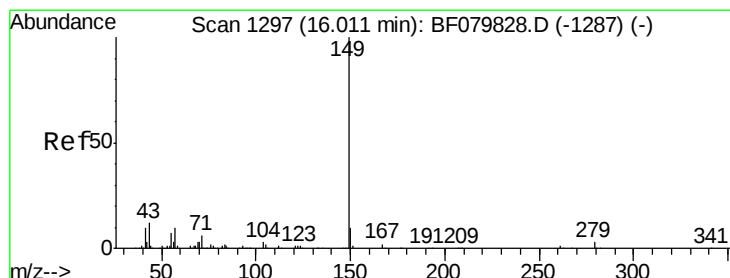
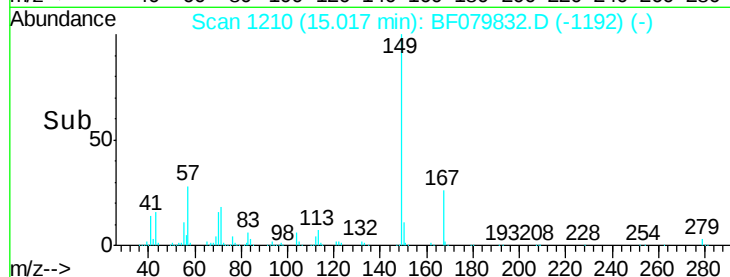
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 41.40 ng

RT: 15.86 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

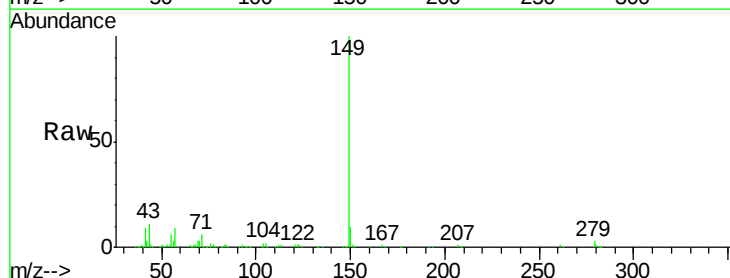
Tgt Ion:149 Resp: 426645

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

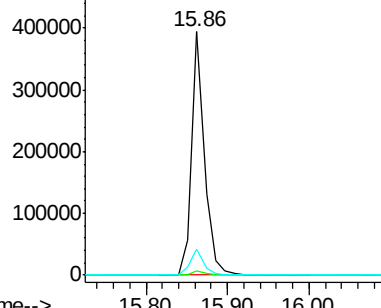
43 11.4 7.7 11.5



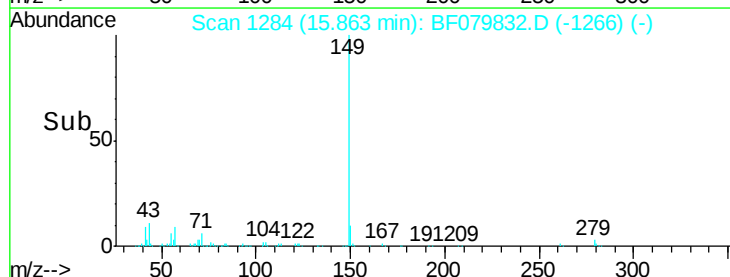
Abundance Ion 149.00 (148.70 to 149.70): E

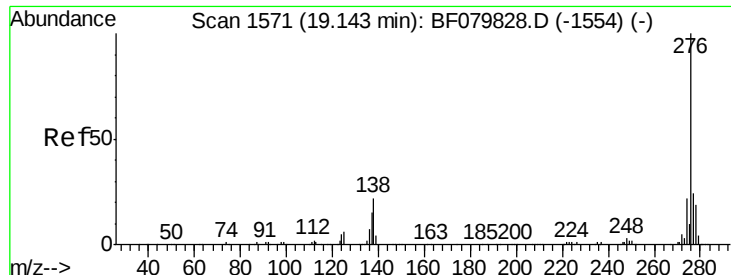
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



Time-->





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.36 ng

RT: 18.97 min Scan# 1556

Delta R.T. 0.02 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

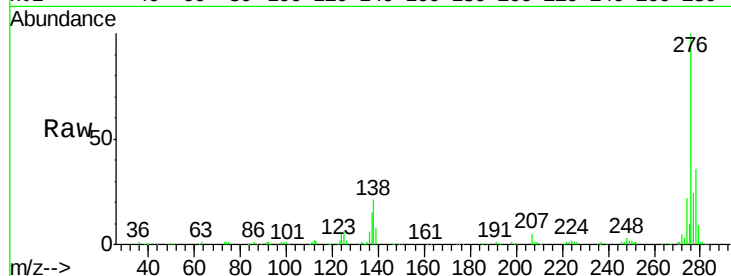
Tgt Ion:276 Resp: 513324

Ion Ratio Lower Upper

276 100

138 24.7 19.4 29.2

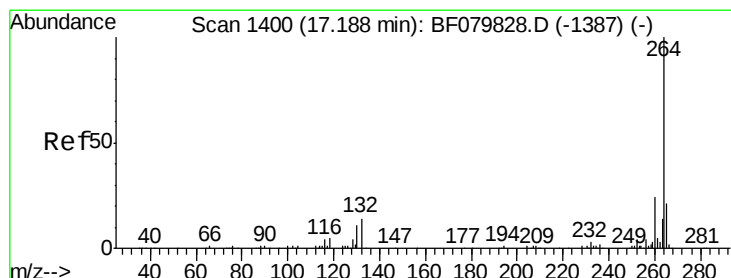
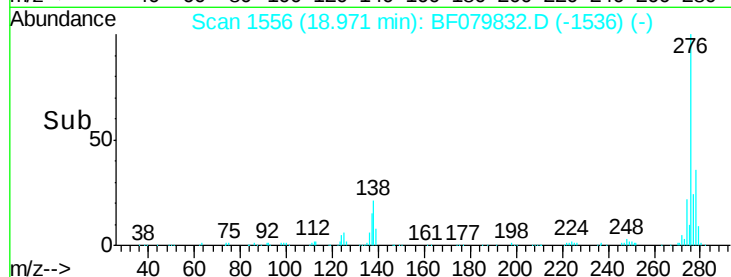
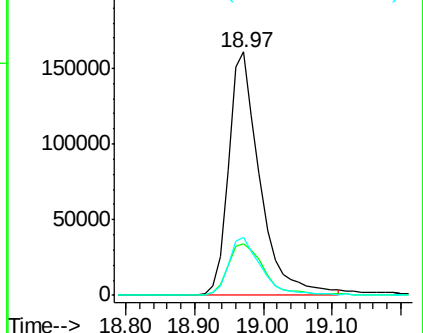
277 24.9 19.6 29.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.02 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

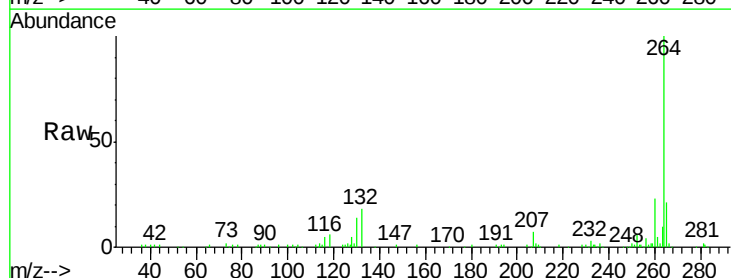
Tgt Ion:264 Resp: 186292

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

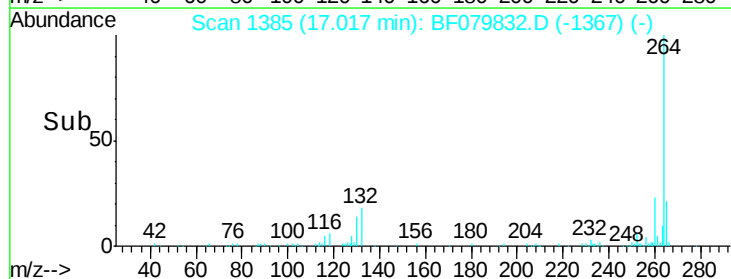
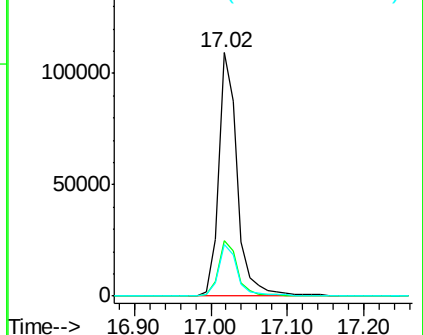
265 21.0 18.0 27.0

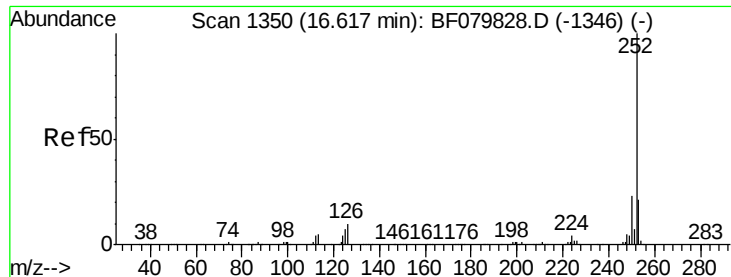


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

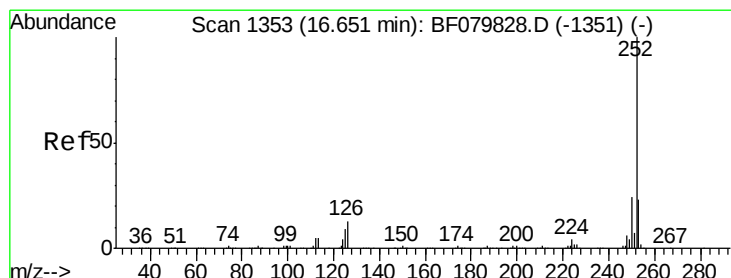
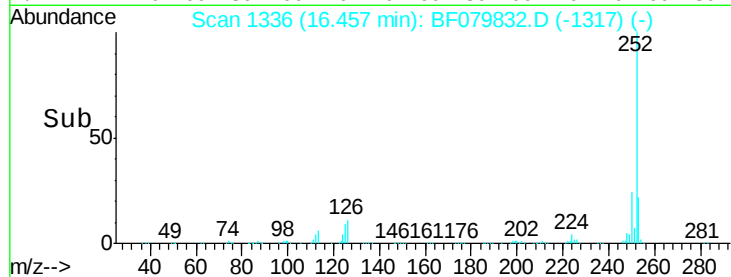
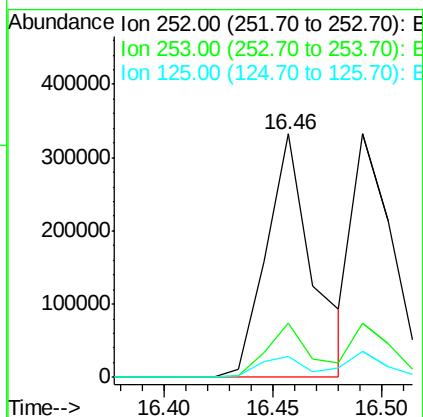
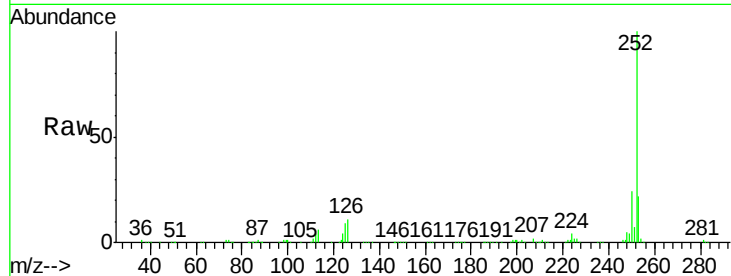




#87
Benzo(b)fluoranthene
Concen: 44.42 ng
RT: 16.46 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF079832.D
Acq: 9 Jun 2015 15:13

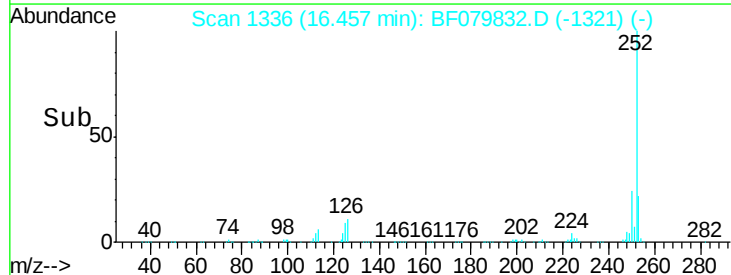
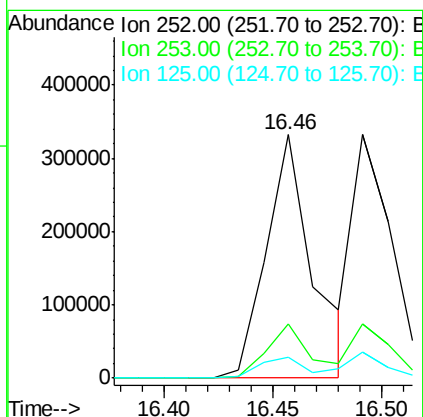
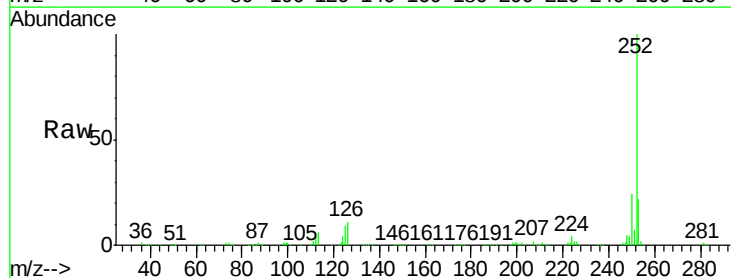
Instrument :
BNA_F
ClientSampleId :
ICVBF060915

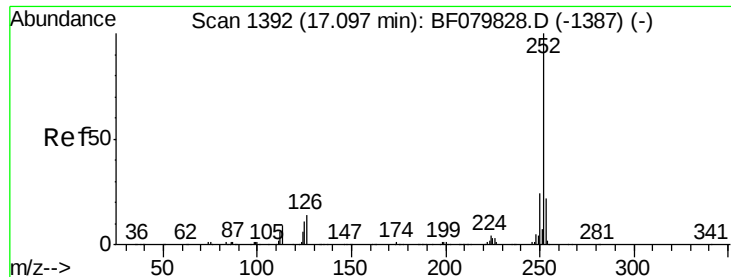
Tgt Ion:252 Resp: 492511
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 8.7 5.7 8.5#



#88
Benzo(k)fluoranthene
Concen: 42.48 ng
RT: 16.46 min Scan# 1336
Delta R.T. -0.03 min
Lab File: BF079832.D
Acq: 9 Jun 2015 15:13

Tgt Ion:252 Resp: 492511
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 8.7 6.3 9.5





#89

Benzo(a)pyrene

Concen: 41.57 ng

RT: 16.94 min Scan# 1378

Delta R.T. 0.01 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

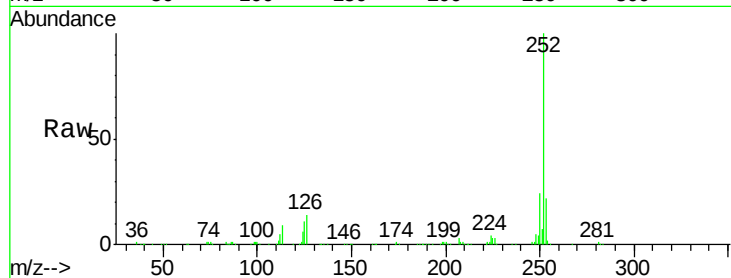
Tgt Ion:252 Resp: 435636

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

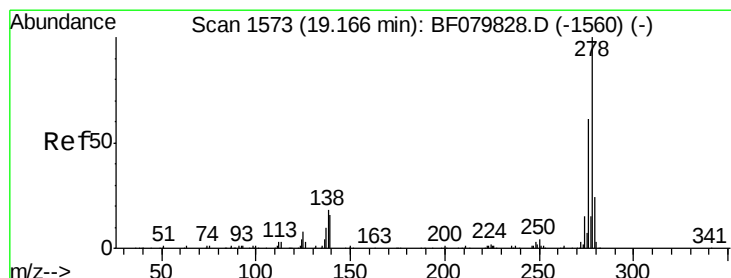
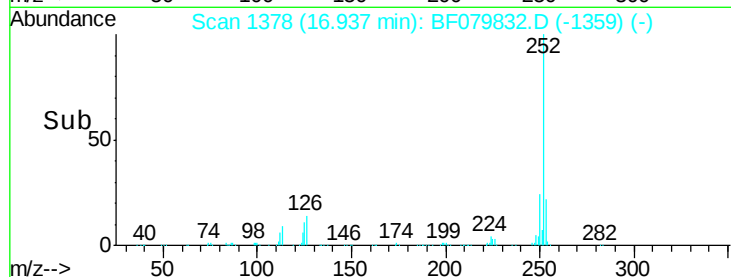
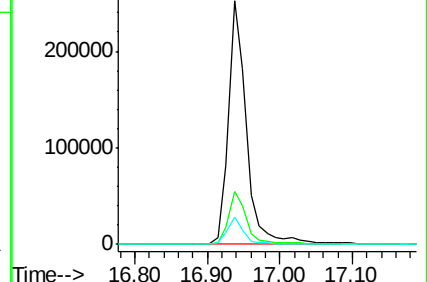
125 11.2 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.13 ng

RT: 18.99 min Scan# 1558

Delta R.T. 0.02 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

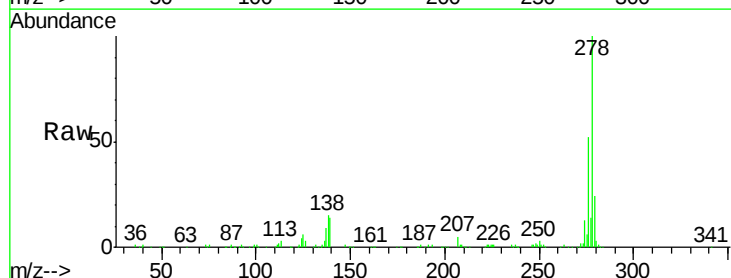
Tgt Ion:278 Resp: 408970

Ion Ratio Lower Upper

278 100

139 14.3 11.0 16.4

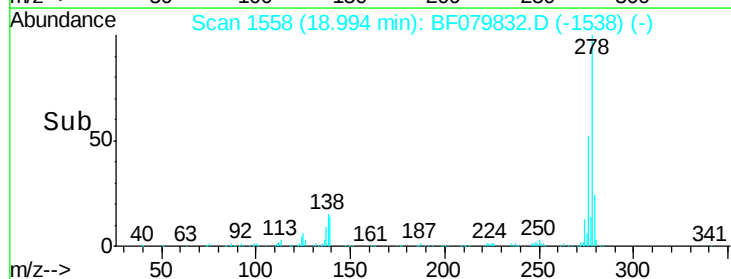
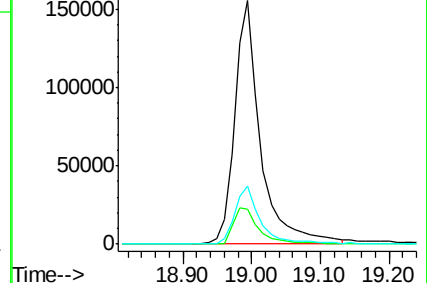
279 23.8 17.9 26.9

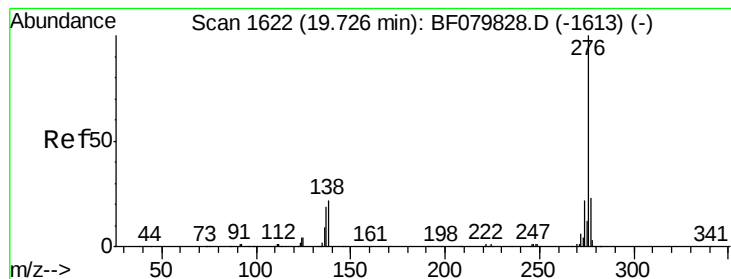


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.21 ng

RT: 19.55 min Scan# 1607

Delta R.T. 0.02 min

Lab File: BF079832.D

Acq: 9 Jun 2015 15:13

Instrument :

BNA_F

ClientSampleId :

ICVBF060915

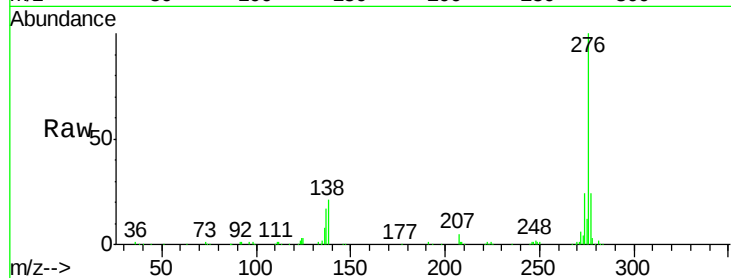
Tgt Ion: 276 Resp: 422207

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.6

138 20.6 15.8 23.6



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

