

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060615\
 Data File : BF079771.D
 Acq On : 6 Jun 2015 16:17
 Operator : TP/IZ
 Sample : PB83804BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83804BS

Quant Time: Jun 08 18:47:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 18:33:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	74311	20.00	ng	0.00
21) Naphthalene-d8	8.78	136	226862	20.00	ng	0.00
38) Acenaphthene-d10	10.55	164	124156	20.00	ng	0.00
63) Phenanthrene-d10	12.06	188	246927	20.00	ng	0.00
75) Chrysene-d12	14.97	240	294069	20.00	ng	0.07
86) Perylene-d12	16.89	264	225610	20.00	ng	0.09

System Monitoring Compounds

5) 2-Fluorophenol	6.10	112	552320	124.57	ng	0.01
7) Phenol-d6	7.07	99	705023	123.12	ng	0.00
23) Nitrobenzene-d5	8.03	82	408592	110.57	ng	0.00
41) 2,4,6-Tribromophenol	11.35	330	152631	128.54	ng	0.00
44) 2-Fluorobiphenyl	9.85	172	693786	75.71	ng	0.00
78) Terphenyl-d14	13.71	244	942442	73.40	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	71878	36.63	ng	99
3) Pyridine	4.26	79	201873	36.79	ng	96
4) n-Nitrosodimethylamine	4.18	42	89348	37.52	ng	97
6) Aniline	7.13	93	200951	24.18	ng	98
8) 2-Chlorophenol	7.26	128	185157	38.58	ng	87
9) Benzaldehyde	7.03	77	140978	38.01	ng	80
10) Phenol	7.08	94	262532	42.12	ng	89
11) bis(2-Chloroethyl)ether	7.19	93	177903	36.80	ng	95
12) 1,3-Dichlorobenzene	7.43	146	214716	35.74	ng	# 91
13) 1,4-Dichlorobenzene	7.50	146	236043	37.02	ng	98
14) 1,2-Dichlorobenzene	7.66	146	223094	37.46	ng	98
15) Benzyl Alcohol	7.60	79	180646	38.17	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.74	45	288577	39.48	ng	99
17) 2-Methylphenol	7.70	107	167873	37.50	ng	96
18) Hexachloroethane	8.00	117	73722	39.80	ng	92
19) n-Nitroso-di-n-propylamine	7.86	70	134752	33.91	ng	99
20) 3+4-Methylphenols	7.85	107	220667	38.68	ng	95
22) Acetophenone	7.87	105	290107	53.61	ng	# 98
24) Nitrobenzene	8.06	77	198990	53.99	ng	# 77
25) Isophorone	8.28	82	381558	50.59	ng	97
26) 2-Nitrophenol	8.38	139	71890	46.32	ng	97
27) 2,4-Dimethylphenol	8.39	122	182101	52.13	ng	96
28) bis(2-Chloroethoxy)methane	8.49	93	221613	47.55	ng	# 97
29) 2,4-Dichlorophenol	8.62	162	140859	44.95	ng	89
30) 1,2,4-Trichlorobenzene	8.71	180	157282	41.33	ng	96
31) Naphthalene	8.80	128	453117	38.07	ng	98
32) Benzoic acid	8.44	122	66124	47.93	ng	96
33) 4-Chloroaniline	8.82	127	119781m	19.81	ng	
34) Hexachlorobutadiene	8.91	225	90109	38.93	ng	97
35) Caprolactam	9.16	113	41531	43.51	ng	# 77
36) 4-Chloro-3-methylphenol	9.29	107	149668	42.74	ng	87
37) 2-Methylnaphthalene	9.48	142	307799	40.68	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.66	216	154705	40.01	ng	# 98
40) Hexachlorocyclopentadiene	9.64	237	148156	89.12	ng	99

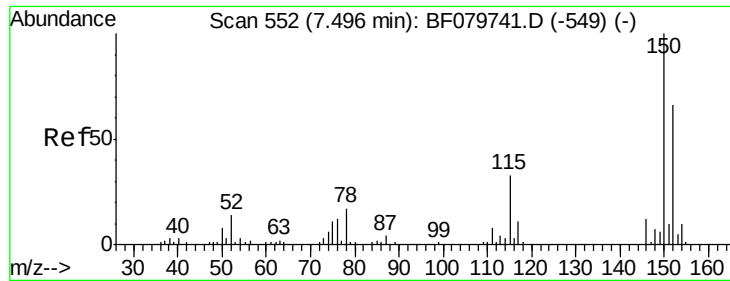
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060615\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	104091	40.47	ng	98
43) 2,4,5-Trichlorophenol	9.80	196	105430	38.97	ng #	88
45) 1,1'-Biphenyl	9.95	154	414445	38.37	ng	99
46) 2-Chloronaphthalene	9.99	162	314266	35.64	ng	92
47) 2-Nitroaniline	10.07	65	69127	37.37	ng #	60
48) Acenaphthylene	10.41	152	507007	34.77	ng	100
49) Dimethylphthalate	10.23	163	344811	36.05	ng	99
50) 2,6-Dinitrotoluene	10.30	165	61730	40.48	ng #	80
51) Acenaphthene	10.58	154	312692	37.87	ng	95
52) 3-Nitroaniline	10.47	138	53695	26.58	ng #	82
53) 2,4-Dinitrophenol	10.58	184	36879	73.10	ng #	82
54) Dibenzofuran	10.75	168	469560	40.15	ng	97
55) 4-Nitrophenol	10.62	139	130953	86.80	ng #	85
56) 2,4-Dinitrotoluene	10.71	165	84356	45.02	ng #	70
57) Fluorene	11.10	166	350935	34.67	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.87	232	92165	42.08	ng	95
59) Diethylphthalate	10.94	149	341060	36.47	ng	96
60) 4-Chlorophenyl-phenylether	11.08	204	178382	38.89	ng #	81
61) 4-Nitroaniline	11.08	138	66318	35.13	ng	86
62) Azobenzene	11.24	77	352577	37.31	ng	87
64) 4,6-Dinitro-2-methylphenol	11.13	198	22848	39.04	ng #	66
65) n-Nitrosodiphenylamine	11.20	169	304238	36.89	ng	98
66) 4-Bromophenyl-phenylether	11.58	248	102676	38.40	ng	92
67) Hexachlorobenzene	11.67	284	115762	38.49	ng	98
68) Atrazine	11.71	200	105134	42.41	ng	100
69) Pentachlorophenol	11.85	266	129629	81.61	ng	98
70) Phenanthrene	12.08	178	550365	38.07	ng	99
71) Anthracene	12.14	178	561583	39.39	ng	99
72) Carbazole	12.27	167	496103	36.62	ng	98
73) Di-n-butylphthalate	12.59	149	582592	37.93	ng #	82
74) Fluoranthene	13.33	202	583802	36.88	ng	98
76) Benzidine	13.44	184	298474	32.16	ng	98
77) Pyrene	13.58	202	613622	34.04	ng	98
79) Butylbenzylphthalate	14.24	149	289655	40.30	ng	99
80) Benzo(a)anthracene	14.96	228	693624	38.53	ng	98
81) 3,3'-Dichlorobenzidine	14.89	252	181391	29.66	ng #	99
82) Chrysene	15.01	228	653354	39.26	ng	98
83) Bis(2-ethylhexyl)phthalate	14.91	149	459734	40.48	ng #	96
84) Di-n-octyl phthalate	15.69	149	821359	41.07	ng	98
85) Indeno(1,2,3-cd)pyrene	18.87	276	581130	30.17	ng	100
87) Benzo(b)fluoranthene	16.32	252	657912	46.94	ng	99
88) Benzo(k)fluoranthene	16.35	252	668097	49.70	ng	98
89) Benzo(a)pyrene	16.80	252	523506	40.46	ng #	98
90) Dibenzo(a,h)anthracene	18.89	278	481198	38.54	ng	99
91) Benzo(g,h,i)perylene	19.47	276	488807	37.86	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

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PB83804BS

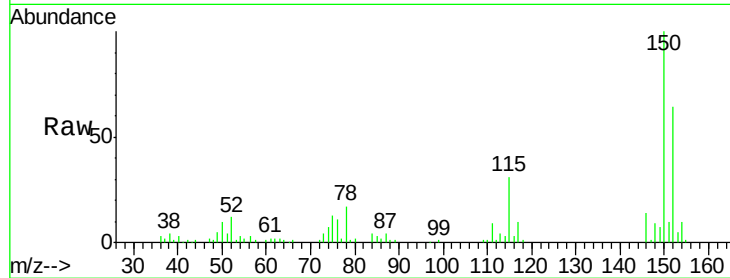
Tgt Ion:152 Resp: 74311

Ion Ratio Lower Upper

152 100

150 157.2 128.1 192.1

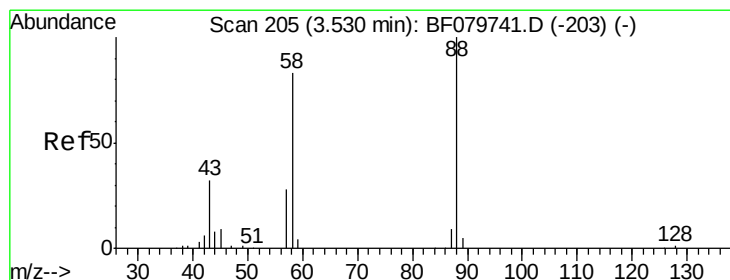
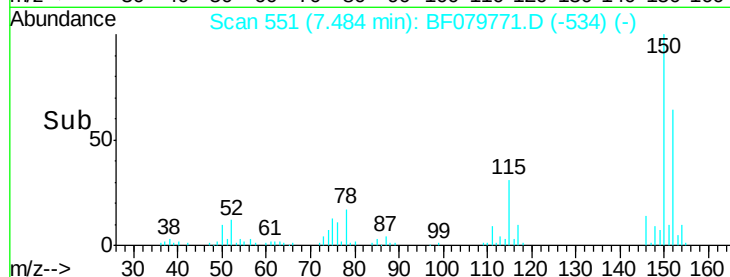
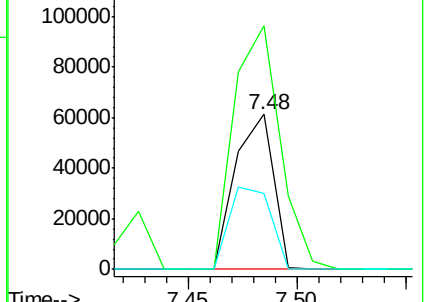
115 49.3 49.7 74.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.63 ng

RT: 3.54 min Scan# 206

Delta R.T. 0.02 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

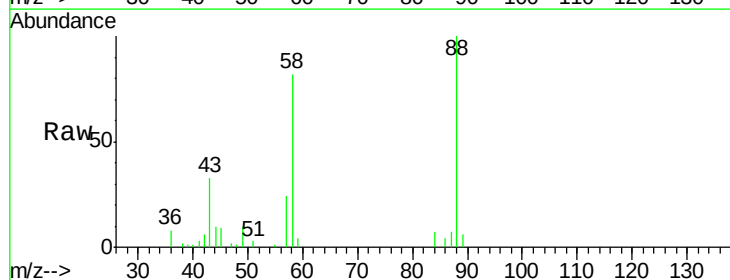
Tgt Ion: 88 Resp: 71878

Ion Ratio Lower Upper

88 100

58 80.3 64.2 96.4

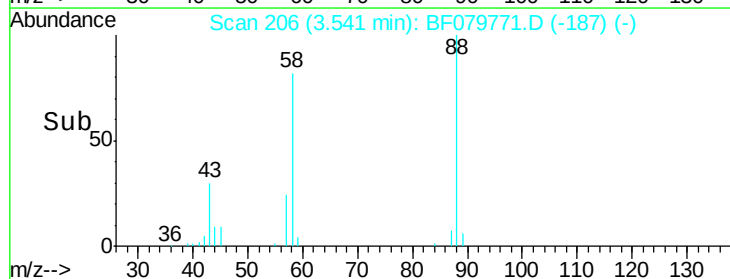
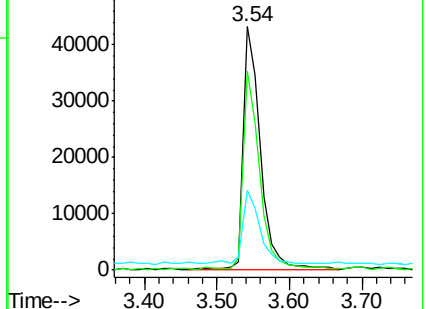
43 29.3 25.1 37.7

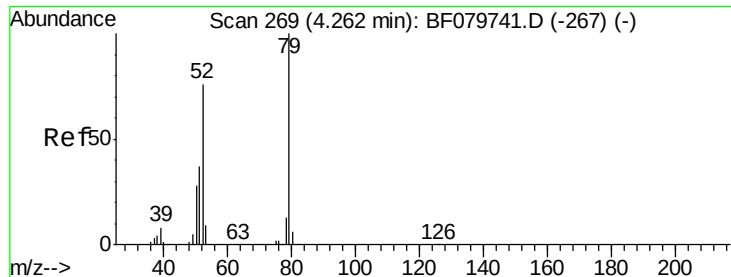


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.79 ng

RT: 4.26 min Scan# 269

Delta R.T. 0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA_F

ClientSampleId :

PB83804BS

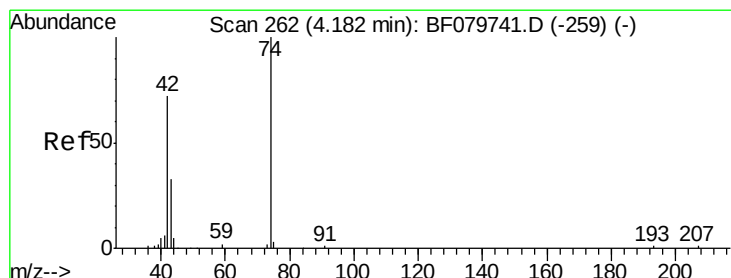
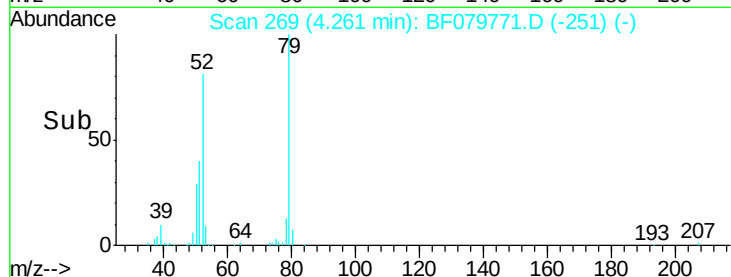
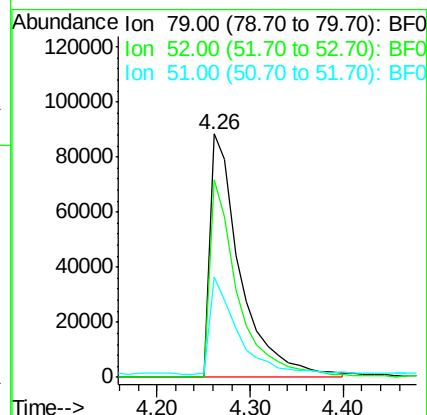
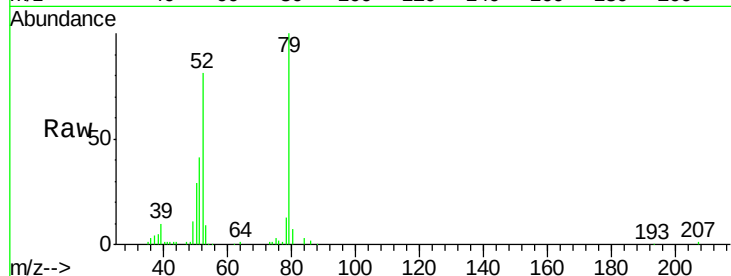
Tgt Ion: 79 Resp: 201873

Ion Ratio Lower Upper

79 100

52 81.2 63.1 94.7

51 41.3 29.3 43.9



#4

n-Nitrosodimethylamine

Concen: 37.52 ng

RT: 4.18 min Scan# 262

Delta R.T. 0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

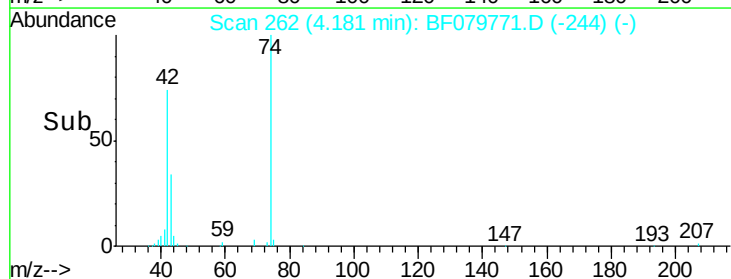
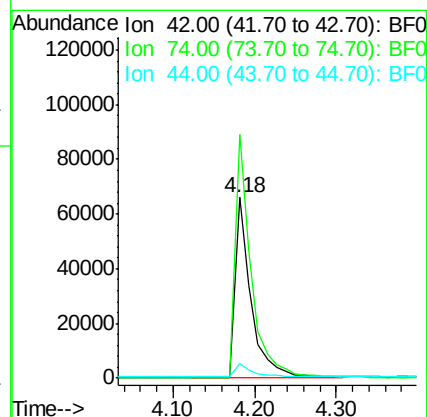
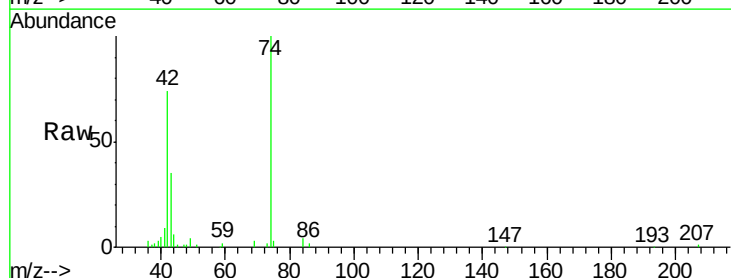
Tgt Ion: 42 Resp: 89348

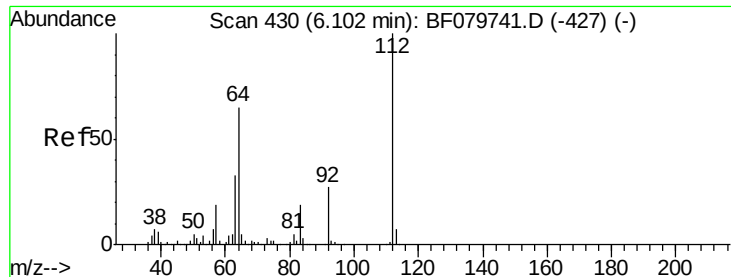
Ion Ratio Lower Upper

42 100

74 134.7 110.6 165.8

44 8.2 6.2 9.2





#5

2-Fluorophenol

Concen: 124.57 ng

RT: 6.10 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA_F

ClientSampled :

PB83804BS

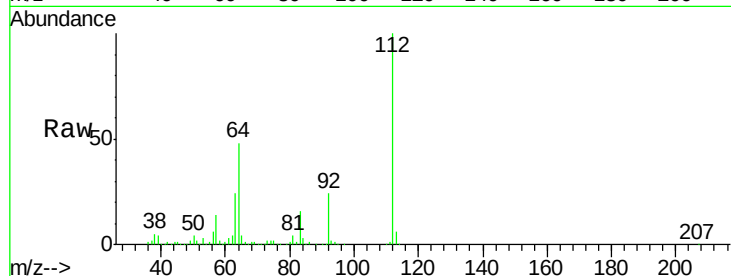
Tgt Ion: 112 Resp: 552320

Ion Ratio Lower Upper

112 100

64 48.2 49.6 74.4#

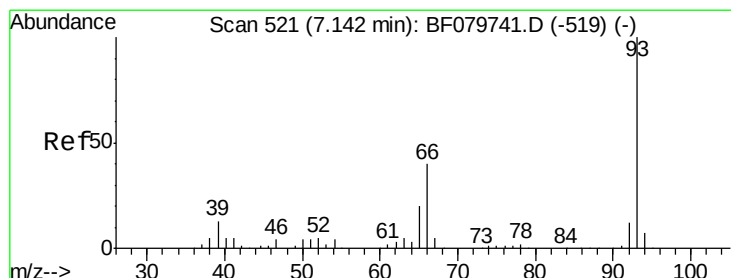
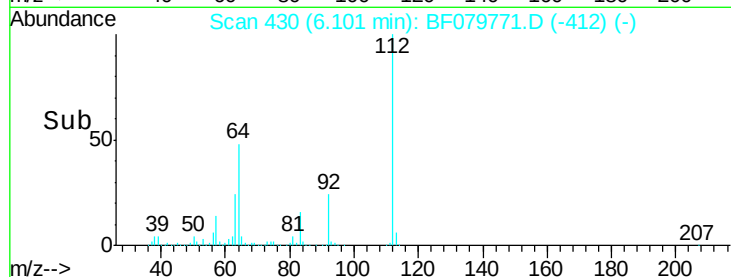
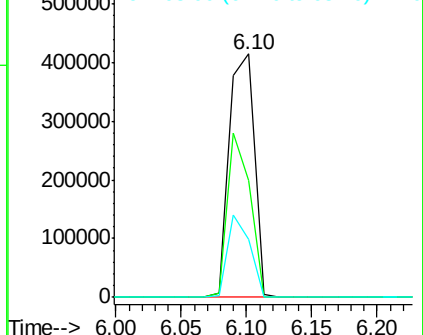
63 24.0 24.9 37.3#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.18 ng

RT: 7.13 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

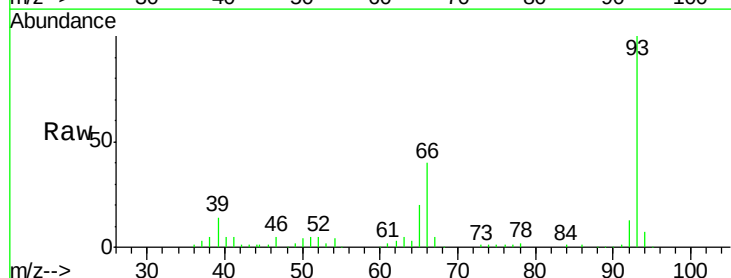
Tgt Ion: 93 Resp: 200951

Ion Ratio Lower Upper

93 100

66 39.7 30.3 45.5

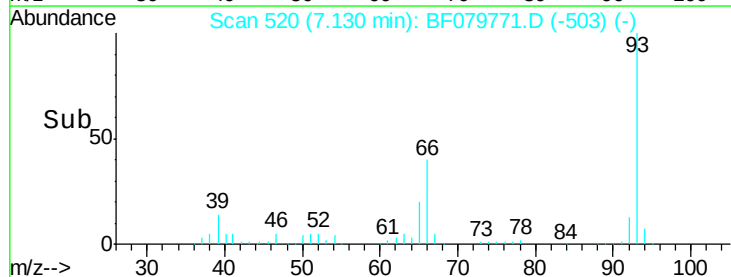
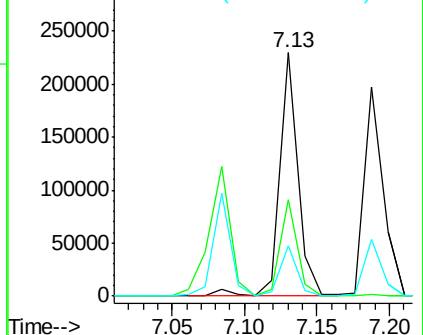
65 20.4 15.8 23.6

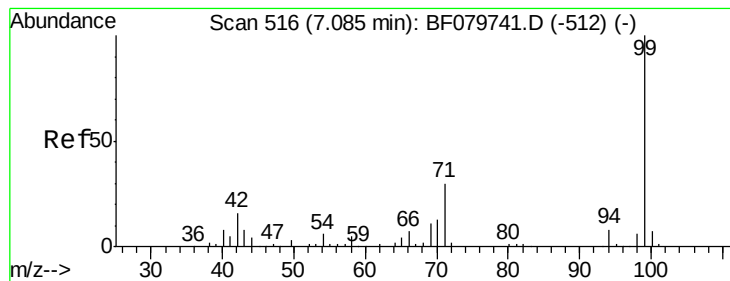


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.12 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

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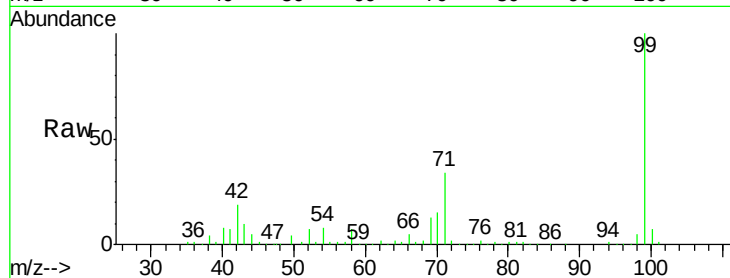
Tgt Ion: 99 Resp: 705023

Ion Ratio Lower Upper

99 100

42 19.3 18.0 27.0

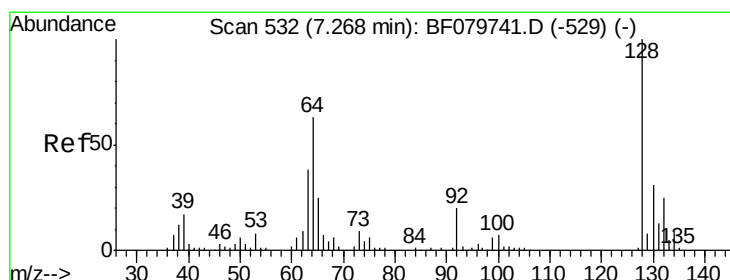
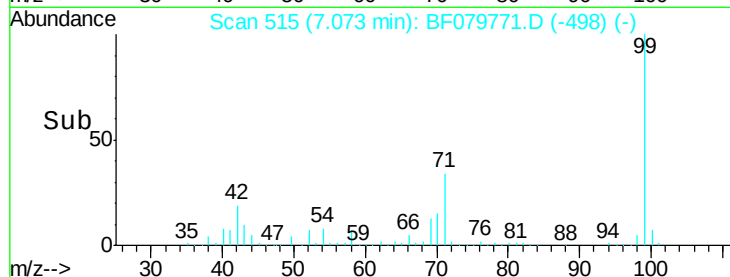
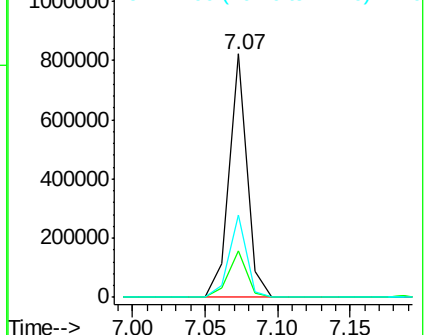
71 33.7 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BF079771.D (-512) (-)

Ion 42.00 (41.70 to 42.70): BF079771.D (-512) (-)

Ion 71.00 (70.70 to 71.70): BF079771.D (-512) (-)



#8

2-Chlorophenol

Concen: 38.58 ng

RT: 7.26 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

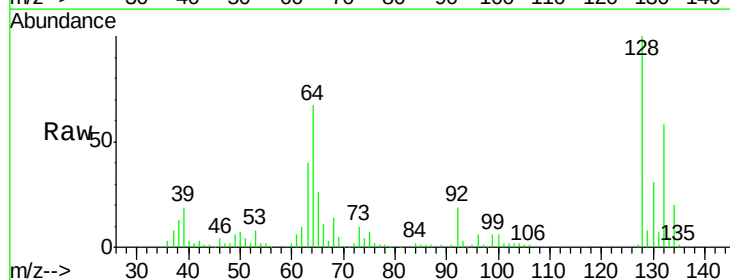
Tgt Ion: 128 Resp: 185157

Ion Ratio Lower Upper

128 100

130 30.9 12.3 52.3

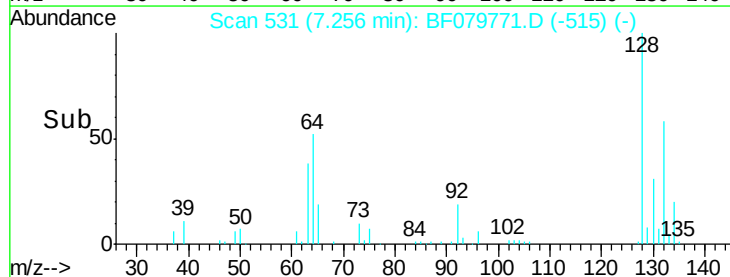
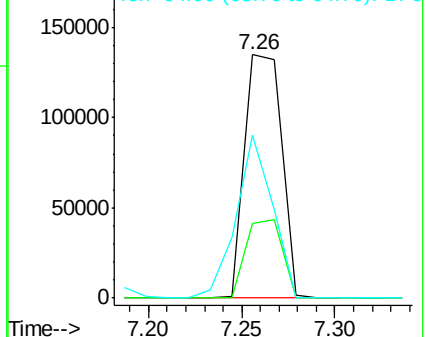
64 67.1 33.3 73.3

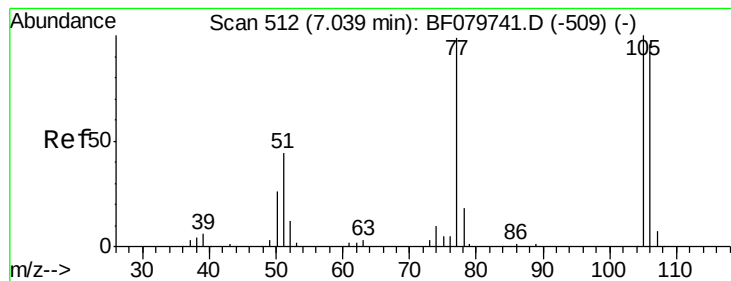


Abundance Ion 128.00 (127.70 to 128.70): BF079771.D (-529) (-)

Ion 130.00 (129.70 to 130.70): BF079771.D (-529) (-)

Ion 64.00 (63.70 to 64.70): BF079771.D (-529) (-)





#9

Benzaldehyde

Concen: 38.01 ng

RT: 7.03 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

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ClientSampleId :

PB83804BS

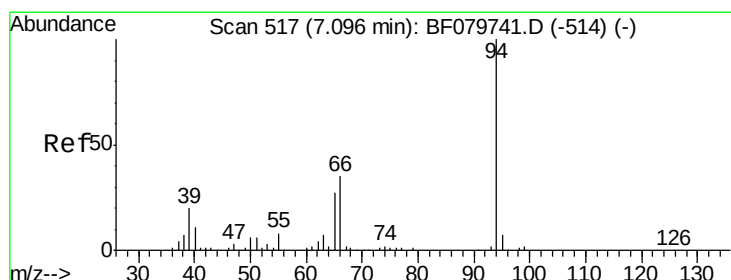
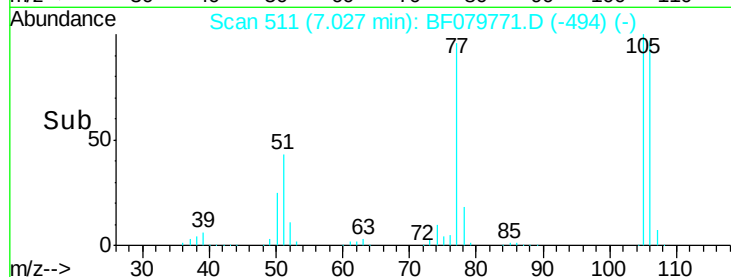
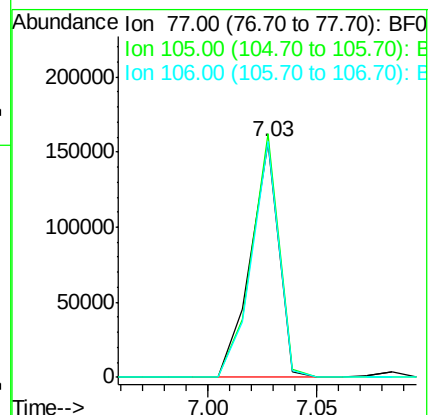
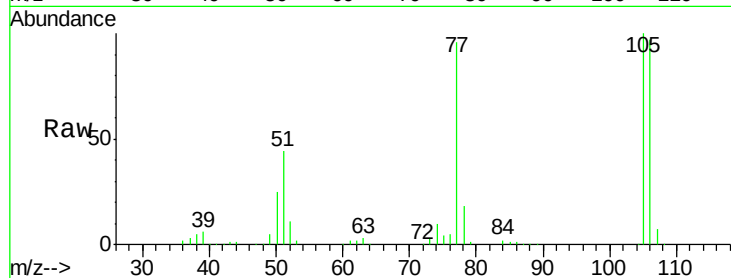
Tgt Ion: 77 Resp: 140978

Ion Ratio Lower Upper

77 100

105 103.6 66.1 106.1

106 100.3 61.9 101.9



#10

Phenol

Concen: 42.12 ng

RT: 7.08 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

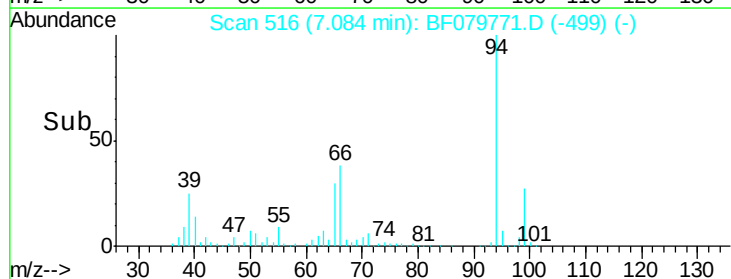
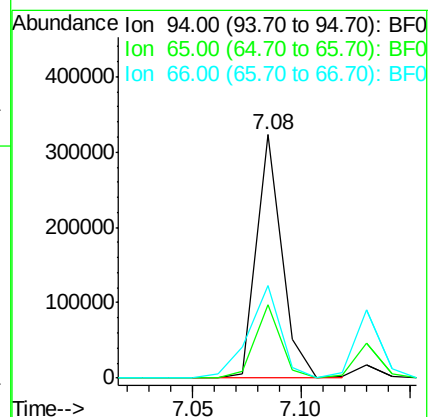
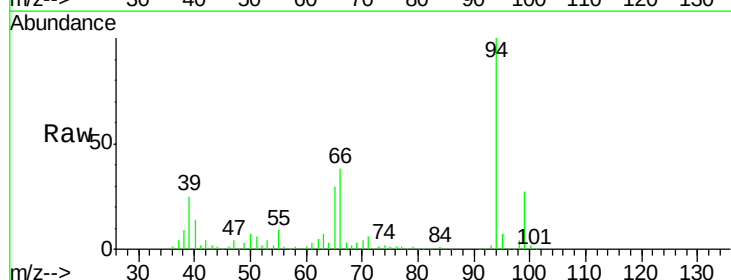
Tgt Ion: 94 Resp: 262532

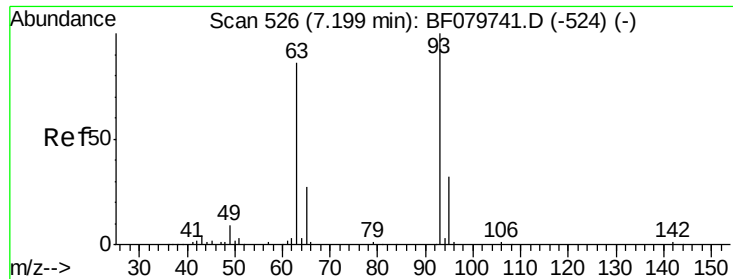
Ion Ratio Lower Upper

94 100

65 30.2 5.3 45.3

66 37.8 11.3 51.3

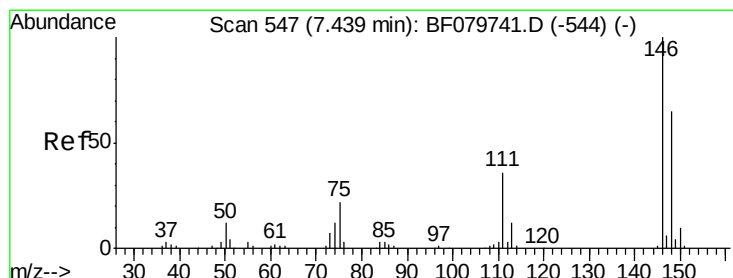
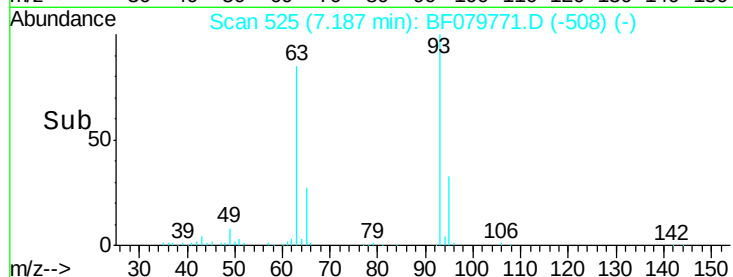
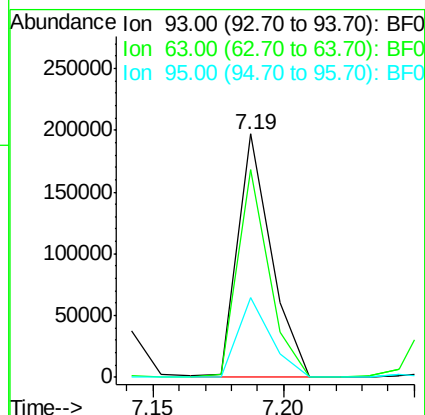
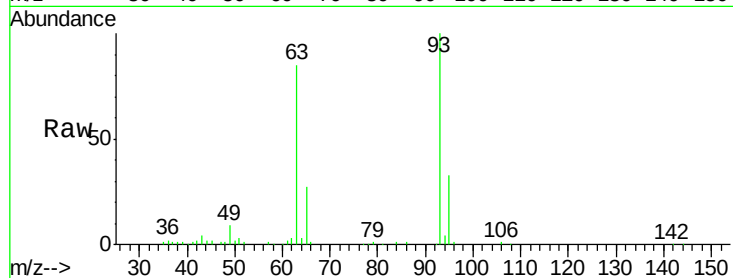




#11
bis(2-Chloroethyl)ether
Concen: 36.80 ng
RT: 7.19 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

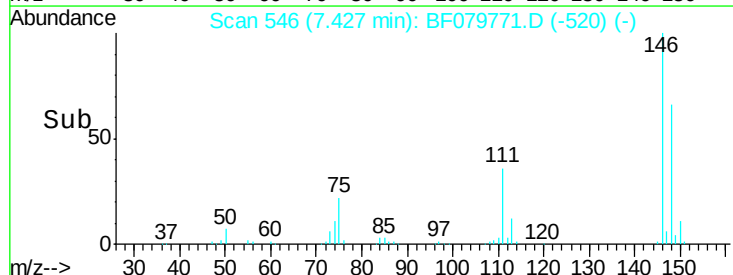
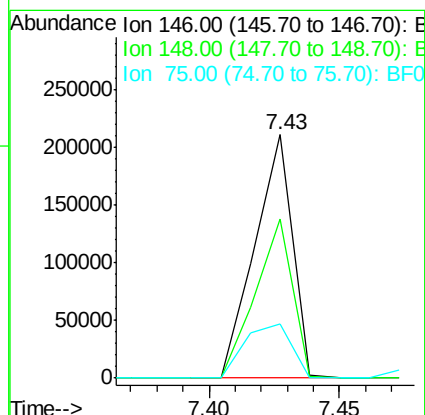
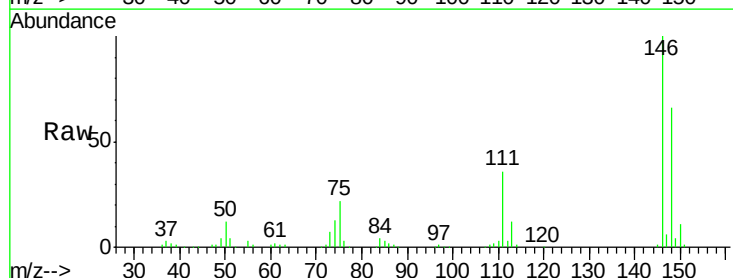
Instrument :
BNA_F
ClientSampleId :
PB83804BS

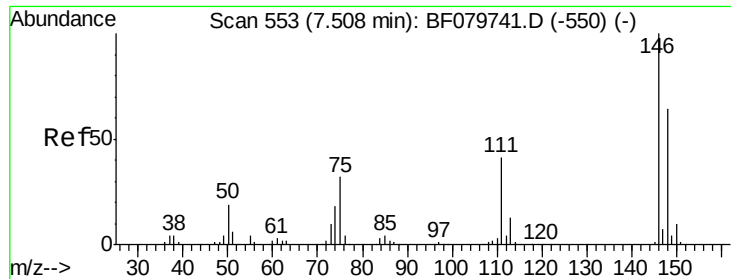
Tgt Ion: 93 Resp: 177903
Ion Ratio Lower Upper
93 100
63 85.3 58.7 98.7
95 32.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 35.74 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

Tgt Ion: 146 Resp: 214716
Ion Ratio Lower Upper
146 100
148 65.6 51.6 77.4
75 22.3 29.0 43.6#

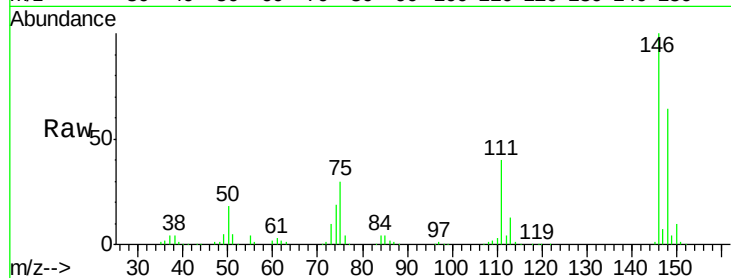




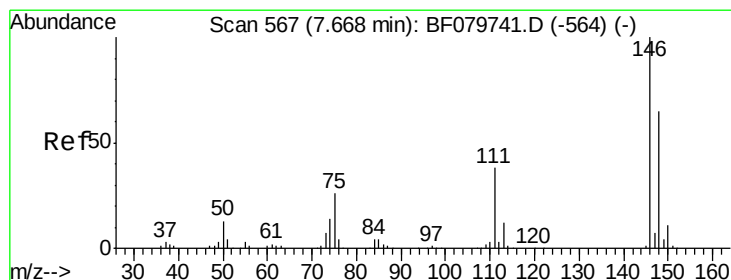
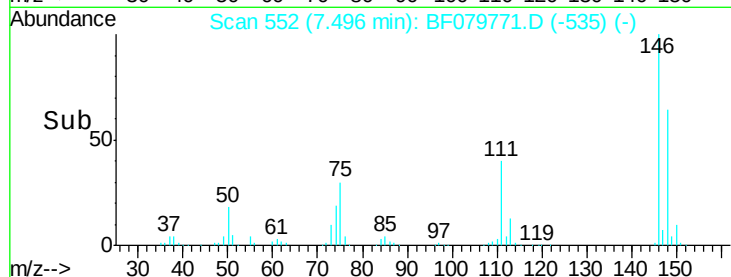
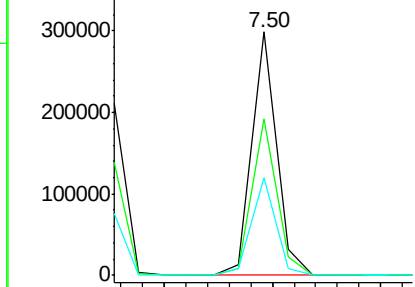
#13
 1,4-Dichlorobenzene
 Concen: 37.02 ng
 RT: 7.50 min Scan# 552
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83804BS

Tgt Ion:146 Resp: 236043
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.4 77.0
 111 40.1 30.1 45.1

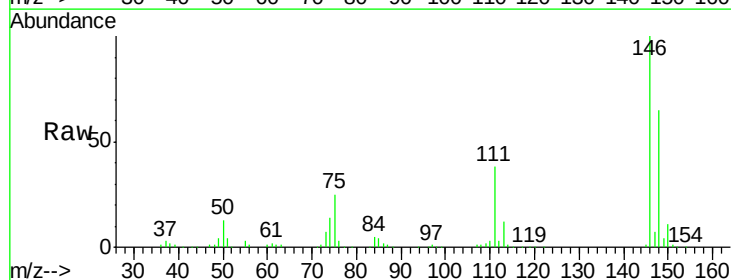


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

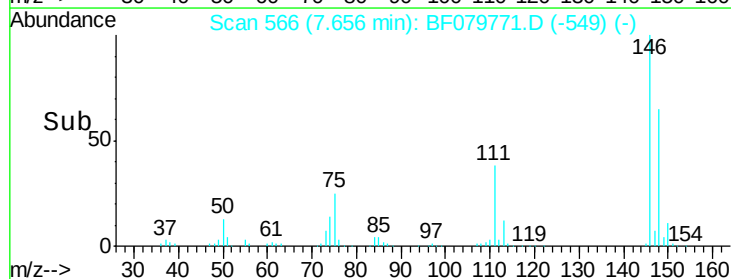
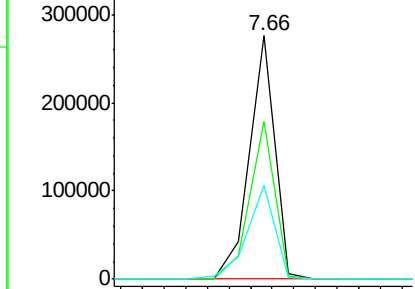


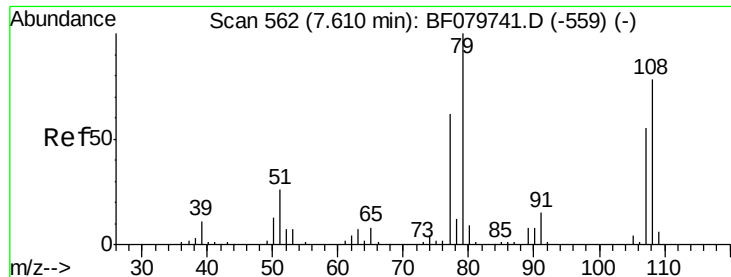
#14
 1,2-Dichlorobenzene
 Concen: 37.46 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Tgt Ion:146 Resp: 223094
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.2 78.4
 111 38.4 27.9 41.9



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





#15

Benzyl Alcohol

Concen: 38.17 ng

RT: 7.60 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA_F

ClientSampleId :

PB83804BS

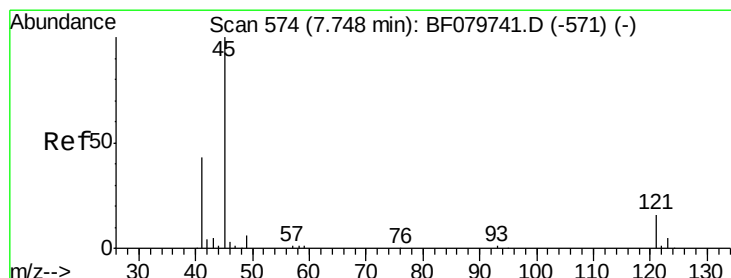
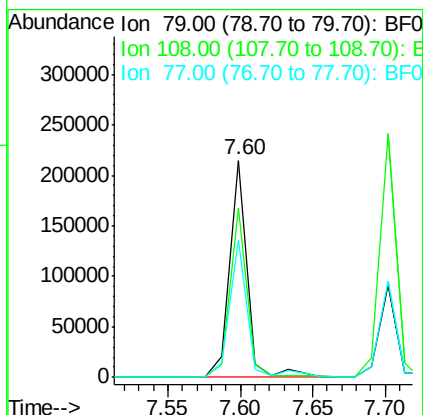
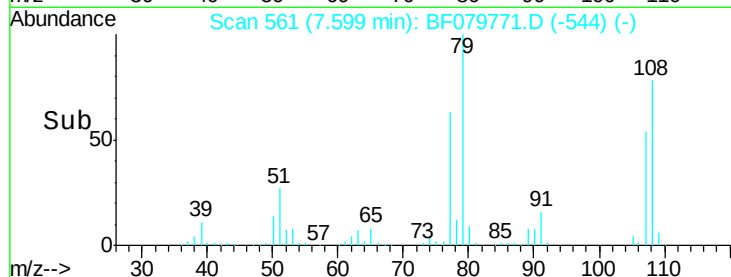
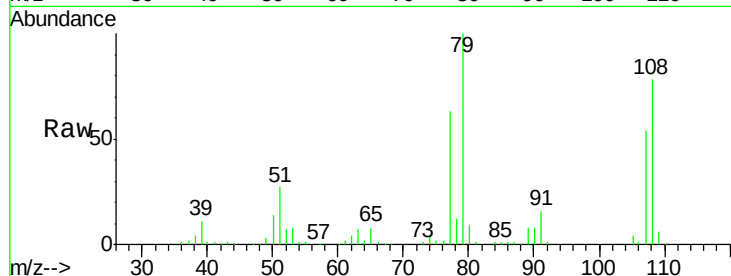
Tgt Ion: 79 Resp: 180646

Ion Ratio Lower Upper

79 100

108 77.6 68.4 102.6

77 63.2 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.48 ng

RT: 7.74 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

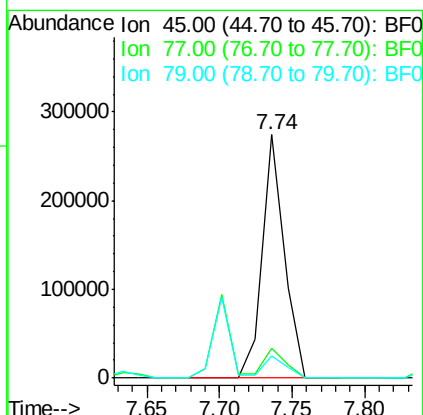
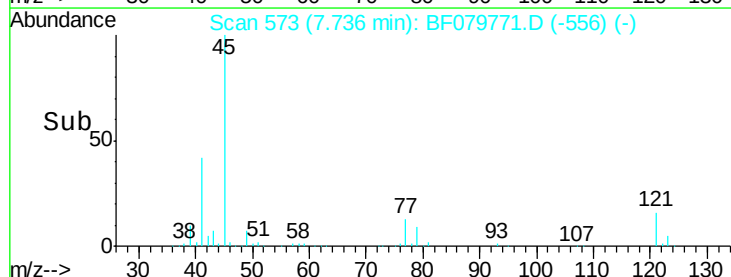
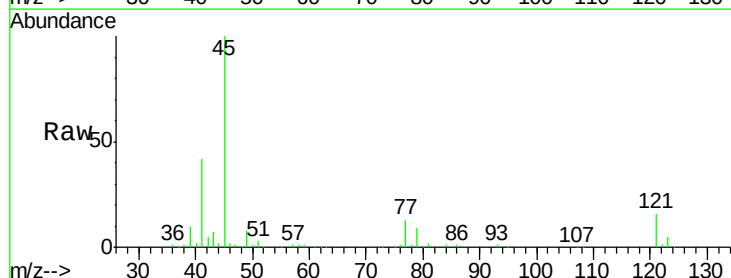
Tgt Ion: 45 Resp: 288577

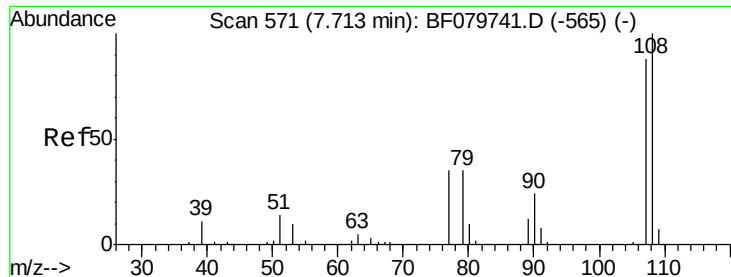
Ion Ratio Lower Upper

45 100

77 12.5 0.0 32.7

79 9.1 0.0 29.9

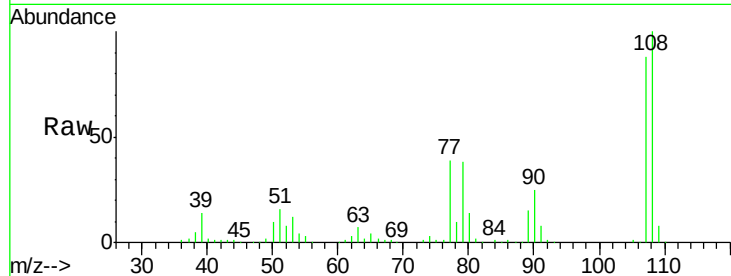




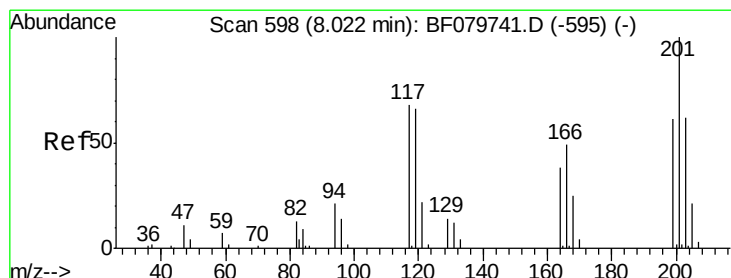
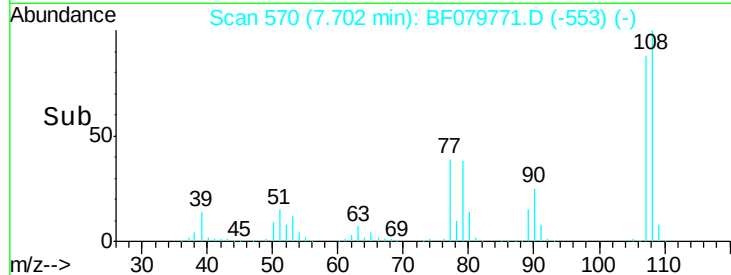
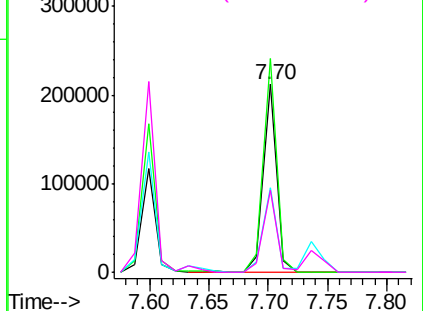
#17
2-Methylphenol
Concen: 37.50 ng
RT: 7.70 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PB83804BS

Tgt Ion:107 Resp: 167873
Ion Ratio Lower Upper
107 100
108 113.9 91.8 137.8
77 44.8 31.4 47.2
79 43.4 31.3 46.9

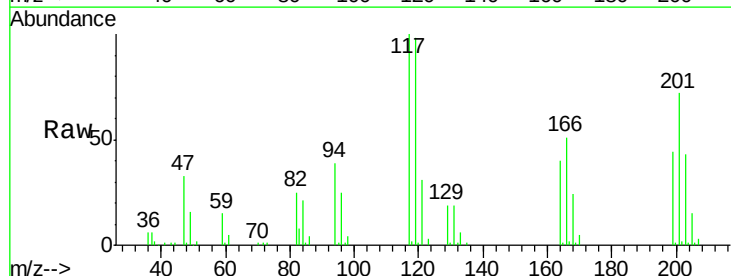


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

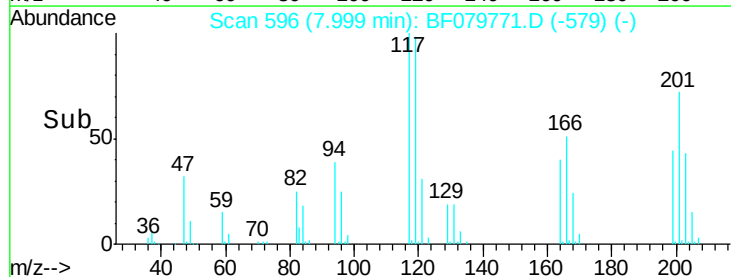
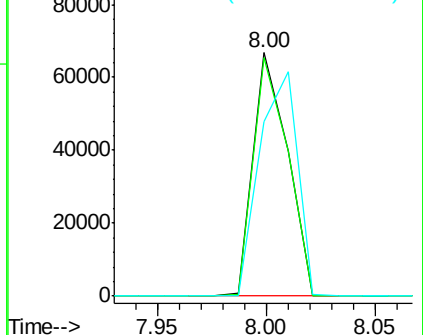


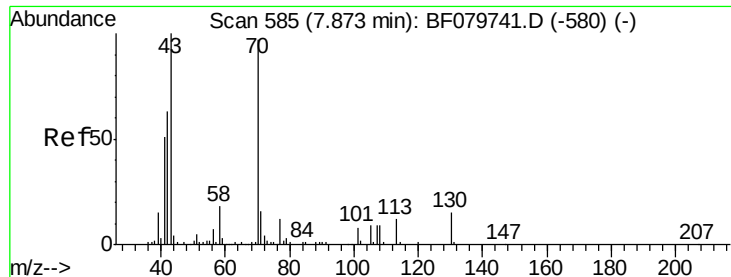
#18
Hexachloroethane
Concen: 39.80 ng
RT: 8.00 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

Tgt Ion:117 Resp: 73722
Ion Ratio Lower Upper
117 100
119 98.1 75.5 113.3
201 71.5 66.4 99.6



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

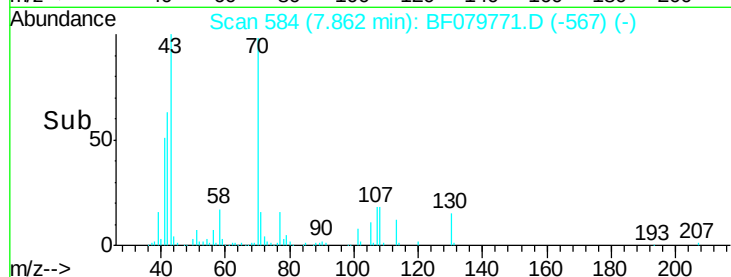
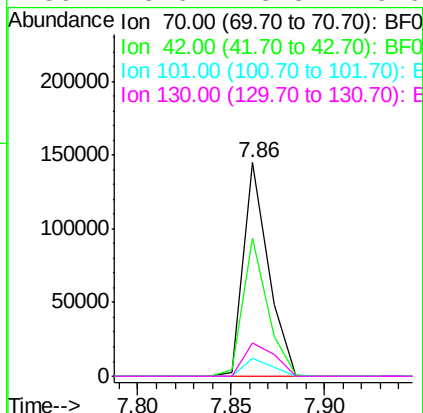
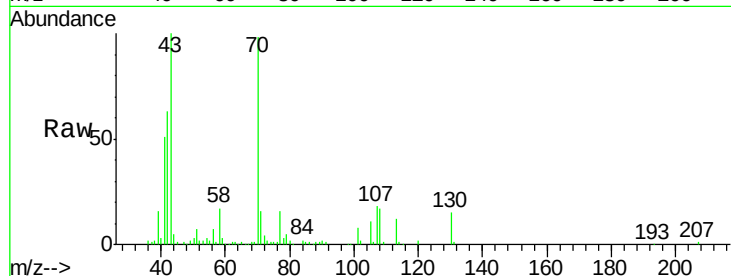




#19
n-Nitroso-di-n-propylamine
Concen: 33.91 ng
RT: 7.86 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

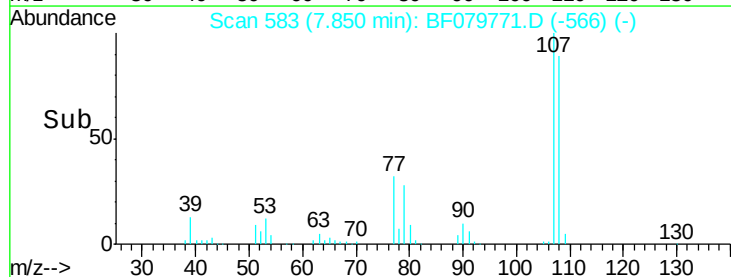
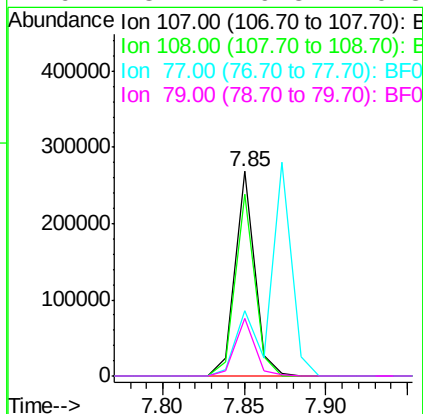
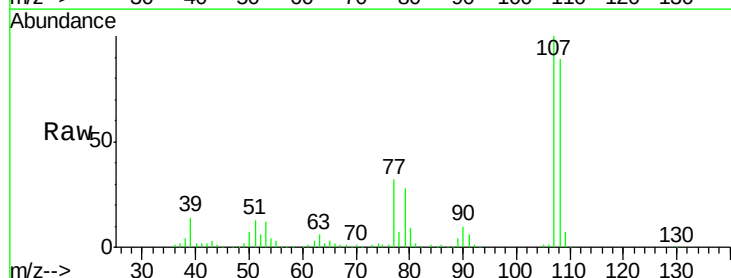
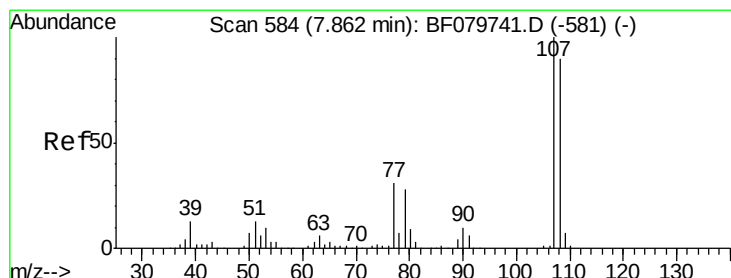
Instrument :
BNA_F
ClientSampleId :
PB83804BS

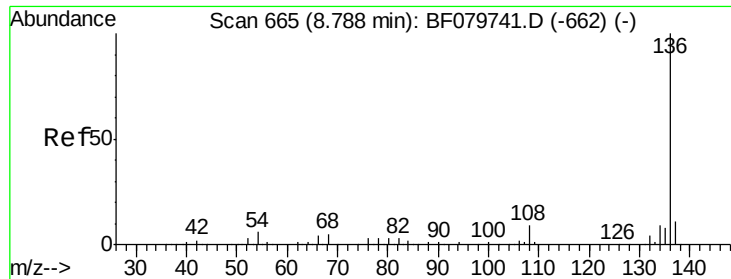
Tgt Ion:	70	Resp:	134752
Ion	Ratio	Lower	Upper
70	100		
42	64.5	51.1	76.7
101	8.3	7.0	10.6
130	15.6	13.3	19.9



#20
3+4-Methylphenols
Concen: 38.68 ng
RT: 7.85 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

Tgt Ion:	107	Resp:	220667
Ion	Ratio	Lower	Upper
107	100		
108	89.2	75.2	115.2
77	31.8	10.3	50.3
79	28.2	9.3	49.3

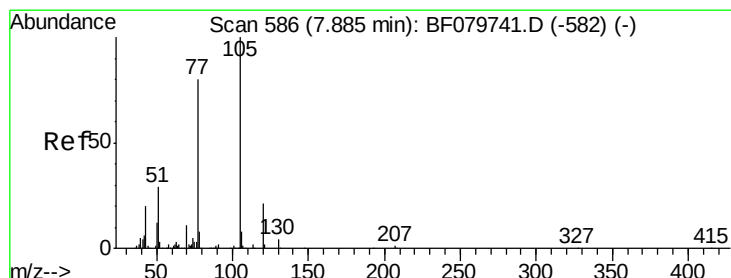
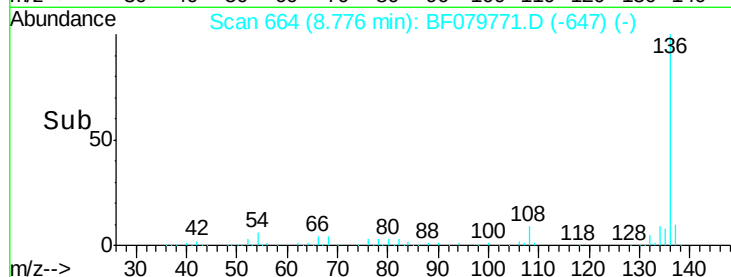
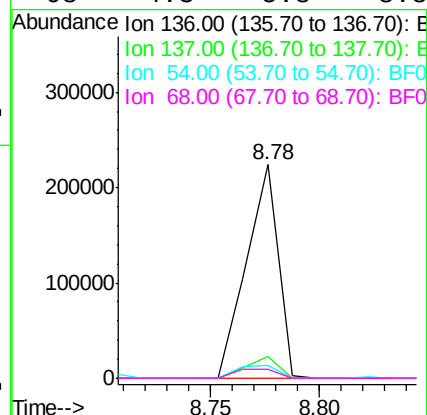
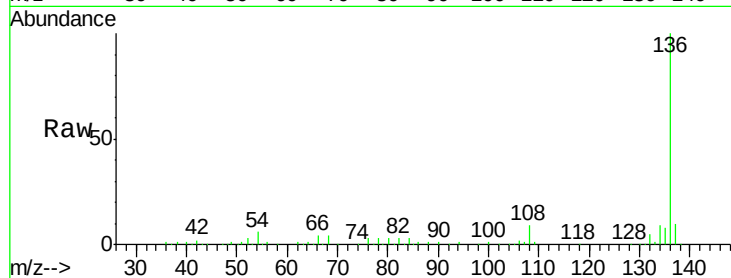




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.78 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

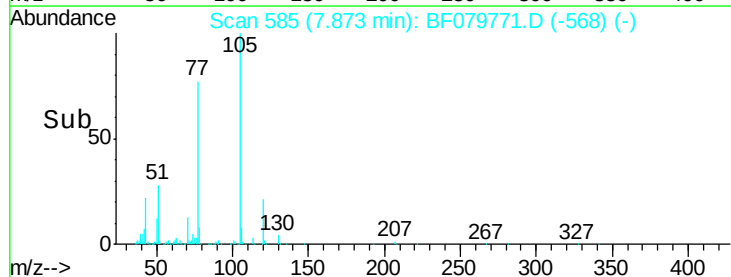
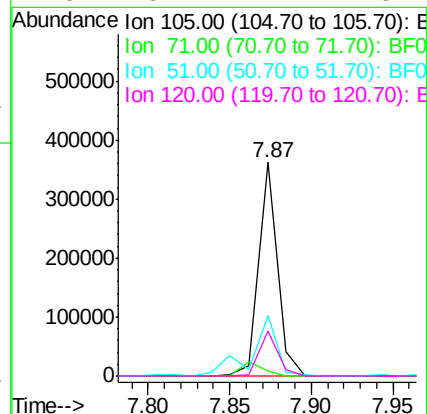
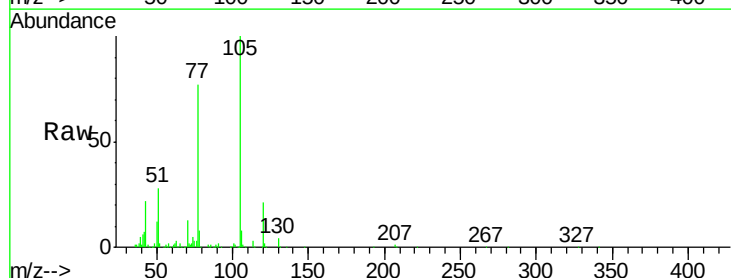
Instrument :
BNA_F
ClientSampleId :
PB83804BS

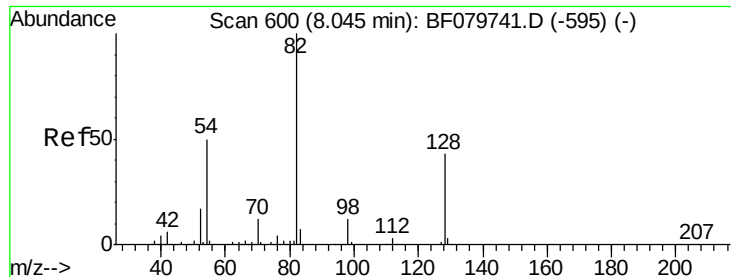
Tgt Ion:	136	Resp:	226862
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	5.9	8.7	13.1#
68	4.3	5.8	8.8#



#22
Acetophenone
Concen: 53.61 ng
RT: 7.87 min Scan# 585
Delta R.T. -0.00 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

Tgt Ion:	105	Resp:	290107
Ion	Ratio	Lower	Upper
105	100		
71	2.2	0.9	1.3#
51	28.0	21.3	31.9
120	20.7	17.1	25.7

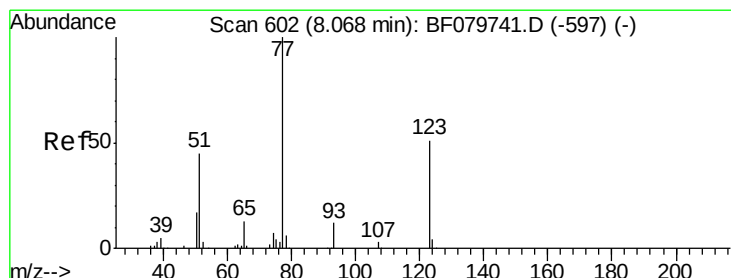
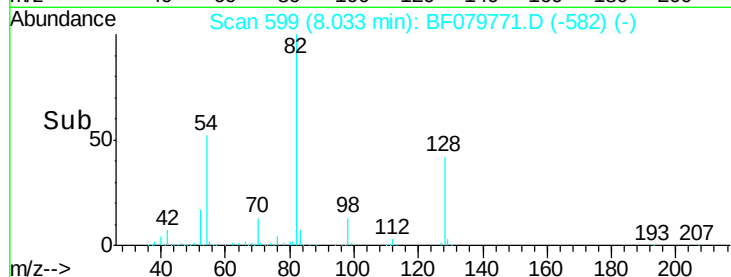
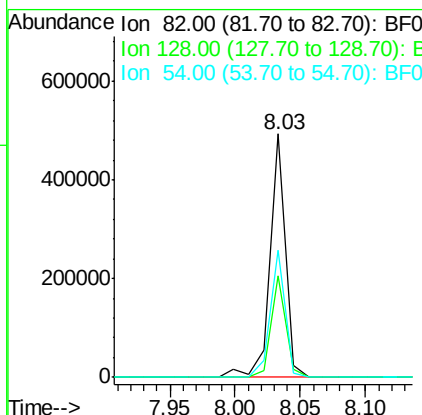
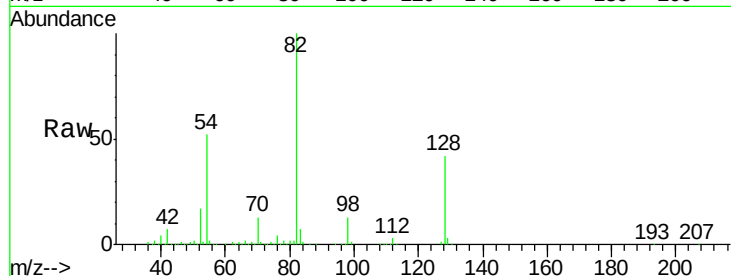




#23
 Nitrobenzene-d5
 Concen: 110.57 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

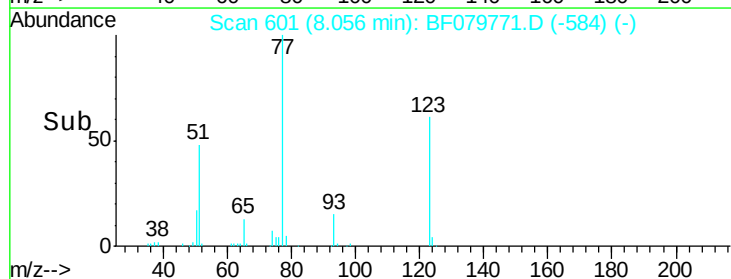
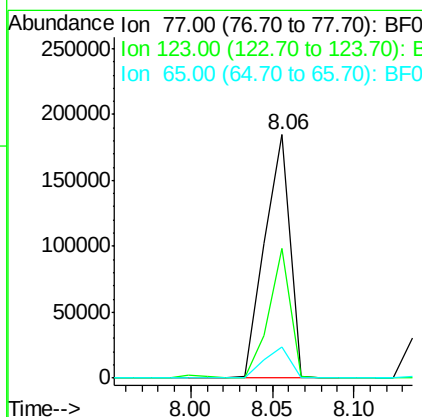
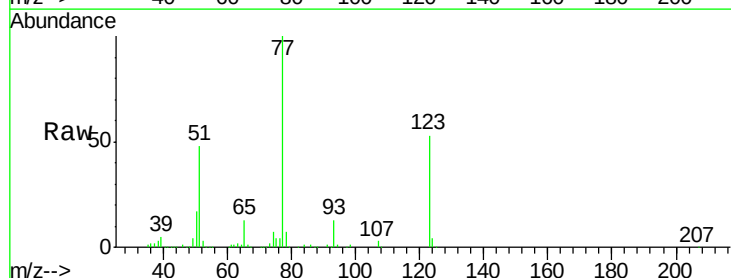
Instrument :
 BNA_F
 ClientSampleId :
 PB83804BS

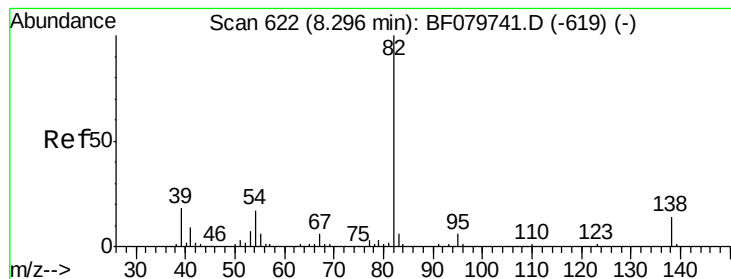
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.0	37.6	56.4
54	52.3	39.4	59.2



#24
 Nitrobenzene
 Concen: 53.99 ng
 RT: 8.06 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.3	28.1	42.1#
65	12.5	10.9	16.3





#25

Isophorone

Concen: 50.59 ng

RT: 8.28 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA_F

ClientSampleId :

PB83804BS

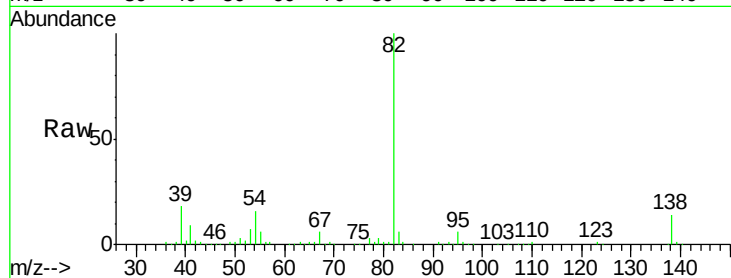
Tgt Ion: 82 Resp: 381558

Ion Ratio Lower Upper

82 100

95 6.2 5.3 7.9

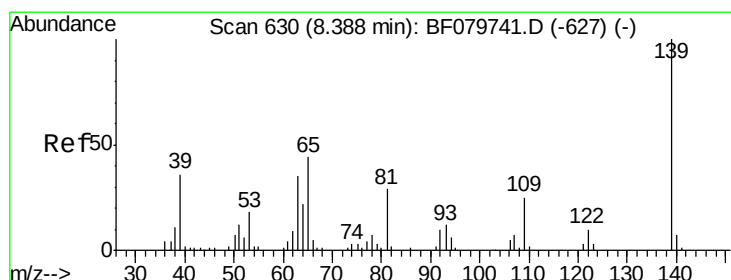
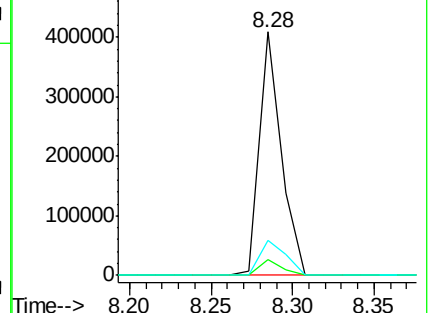
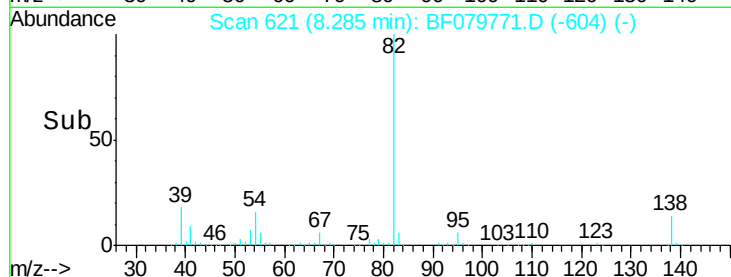
138 14.5 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.32 ng

RT: 8.38 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

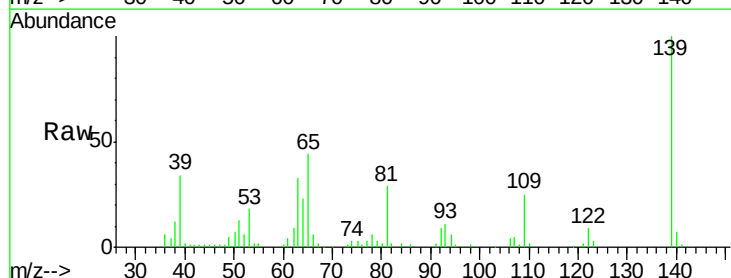
Tgt Ion: 139 Resp: 71890

Ion Ratio Lower Upper

139 100

109 24.6 17.5 26.3

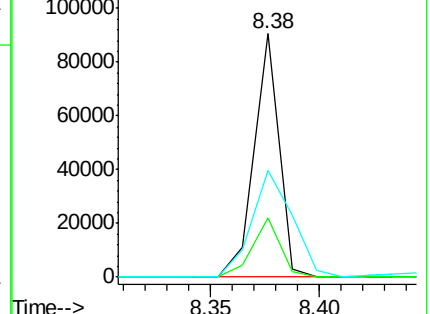
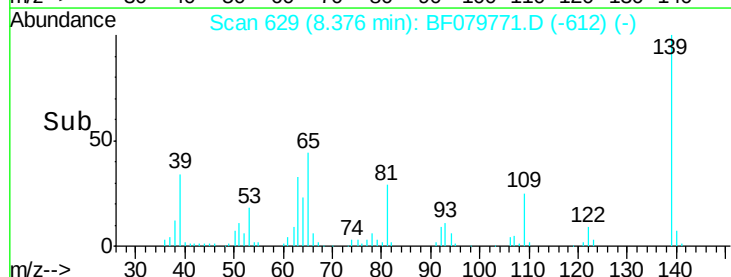
65 44.0 34.6 52.0

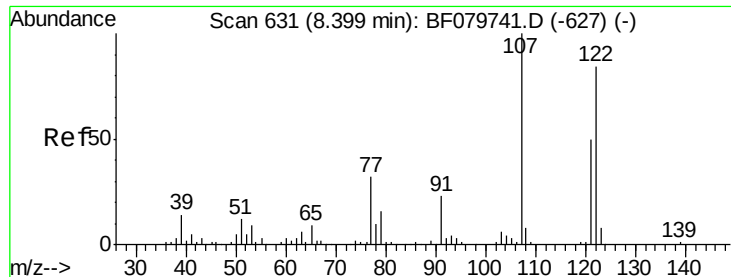


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 52.13 ng

RT: 8.39 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA_F

ClientSampleId :

PB83804BS

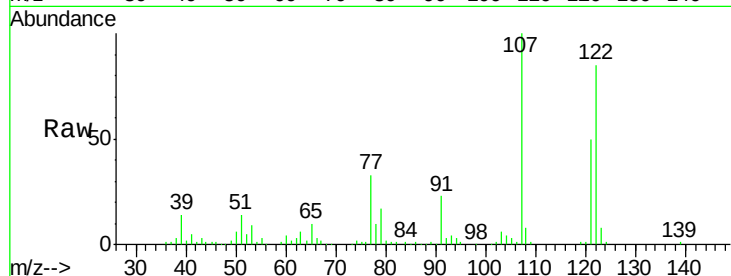
Tgt Ion:122 Resp: 182101

Ion Ratio Lower Upper

122 100

107 117.1 88.5 132.7

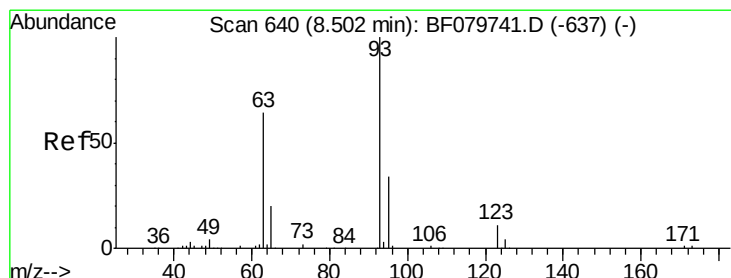
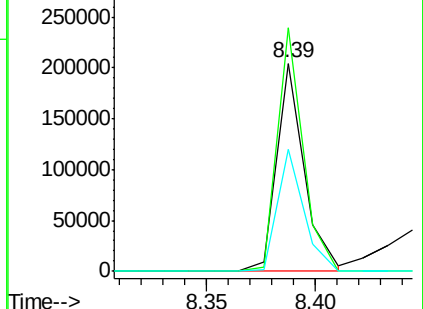
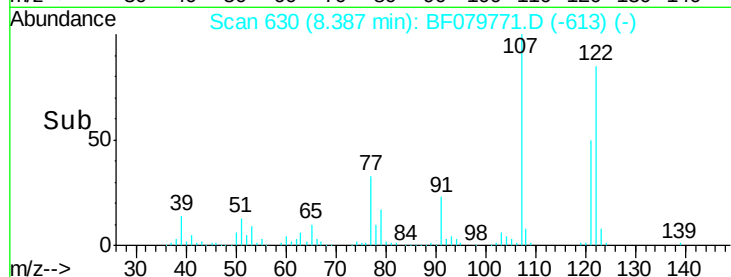
121 59.0 46.5 69.7



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: 47.55 ng

RT: 8.49 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

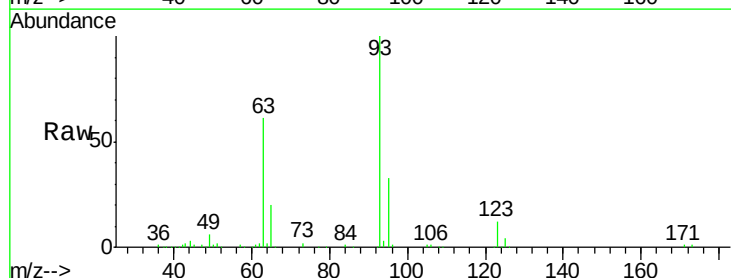
Tgt Ion: 93 Resp: 221613

Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

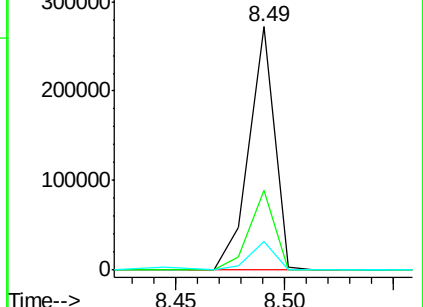
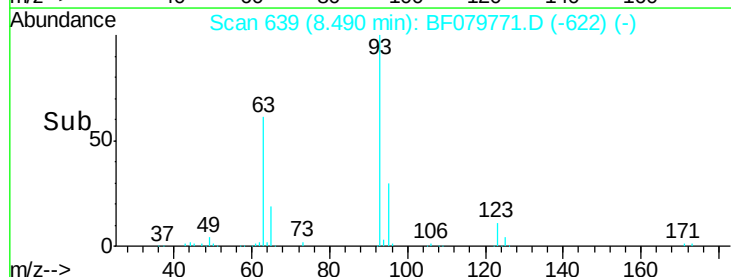
123 11.9 7.3 10.9#

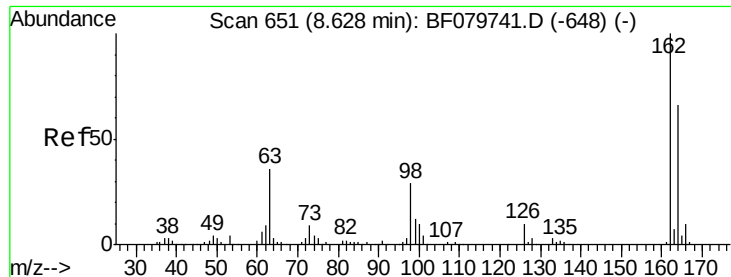


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

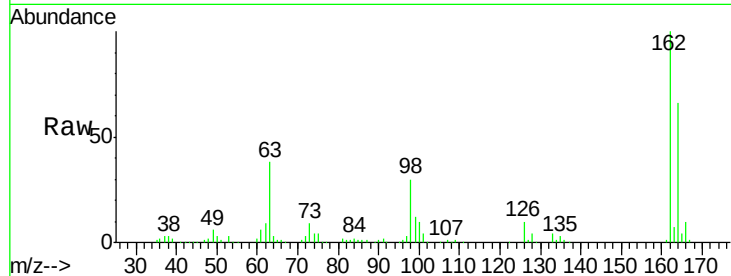




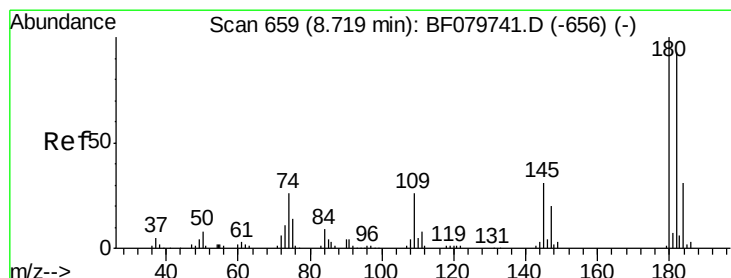
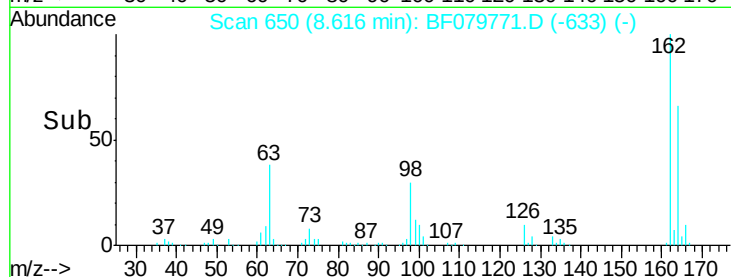
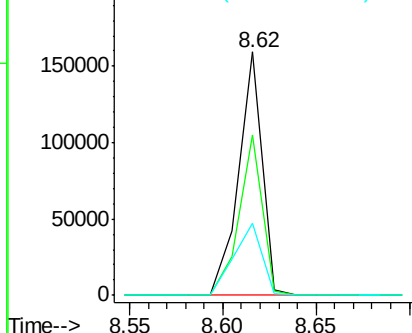
#29
 2,4-Dichlorophenol
 Concen: 44.95 ng
 RT: 8.62 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83804BS

Tgt Ion:162 Resp: 140859
 Ion Ratio Lower Upper
 162 100
 164 65.6 42.8 82.8
 98 29.8 23.2 63.2

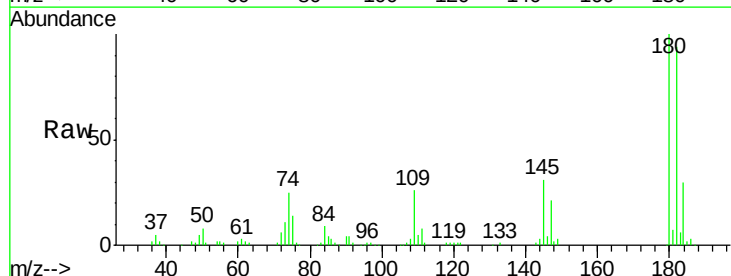


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

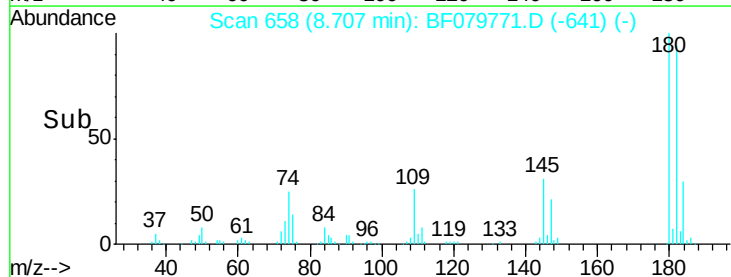
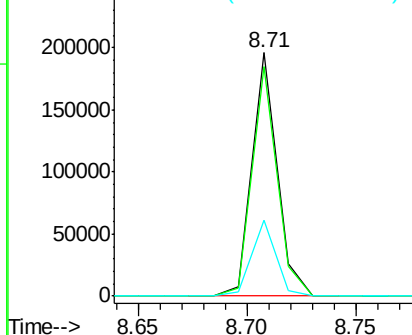


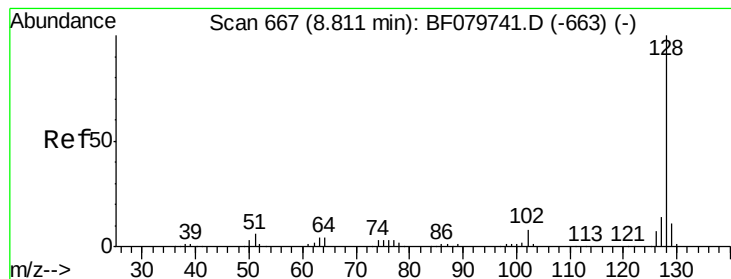
#30
 1,2,4-Trichlorobenzene
 Concen: 41.33 ng
 RT: 8.71 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Tgt Ion:180 Resp: 157282
 Ion Ratio Lower Upper
 180 100
 182 94.2 78.4 117.6
 145 31.1 22.3 33.5



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

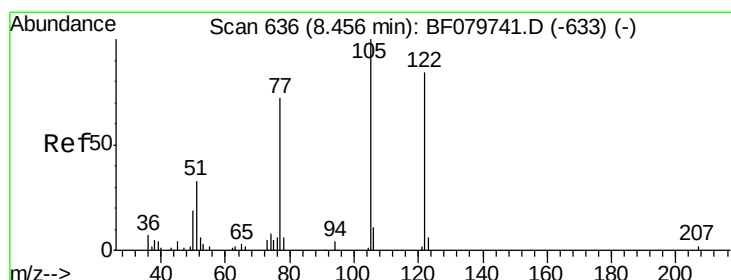
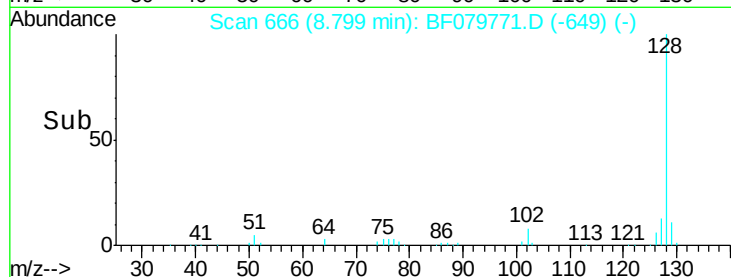
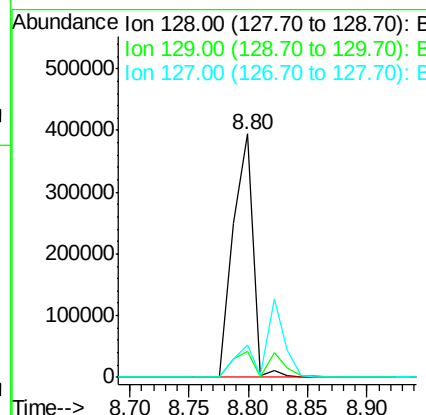
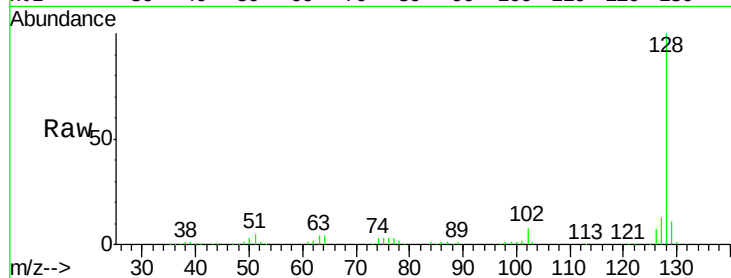




#31
Naphthalene
Concen: 38.07 ng
RT: 8.80 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

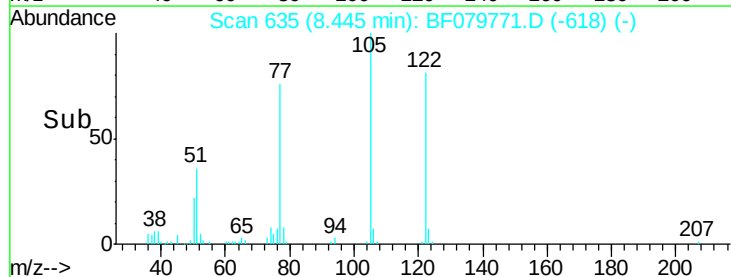
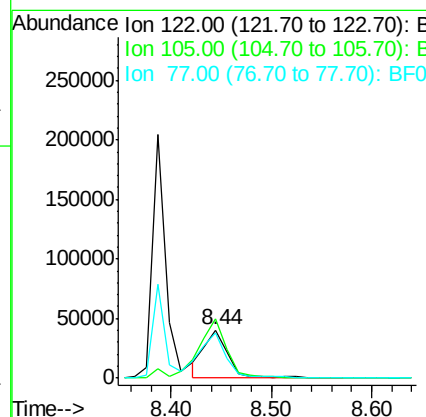
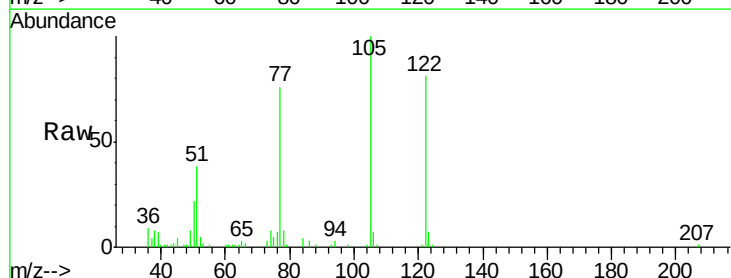
Instrument :
BNA_F
ClientSampleId :
PB83804BS

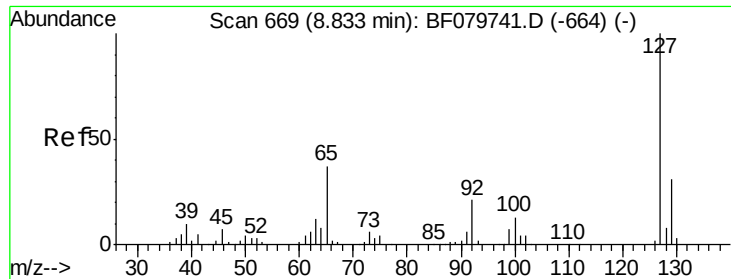
Tgt Ion:128 Resp: 453117
Ion Ratio Lower Upper
128 100
129 10.5 9.4 14.2
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 47.93 ng
RT: 8.44 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

Tgt Ion:122 Resp: 66124
Ion Ratio Lower Upper
122 100
105 123.6 106.7 146.7
77 93.8 68.9 108.9

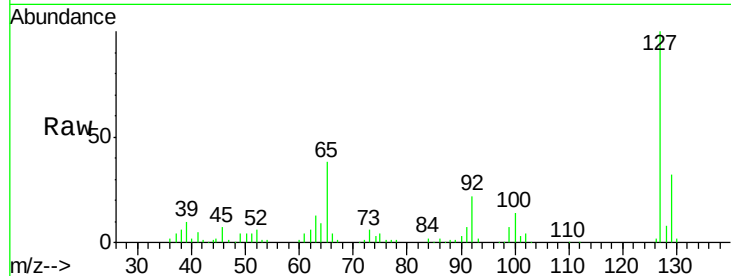




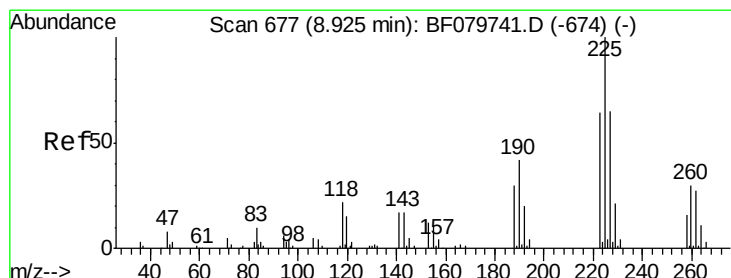
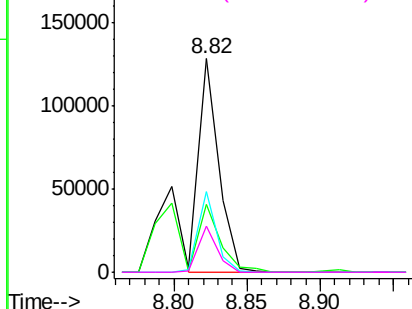
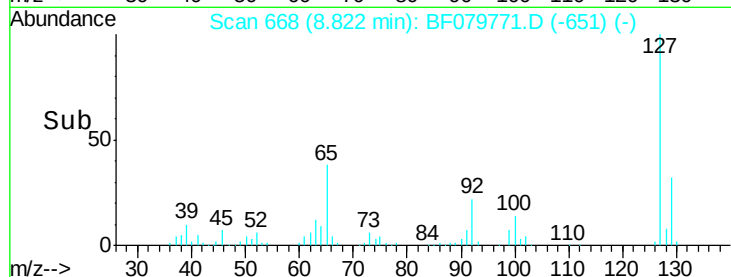
#33
4-Chloroaniline
Concen: 19.81 ng m
RT: 8.82 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PB83804BS

Tgt Ion:127 Resp: 119781
Ion Ratio Lower Upper
127 100
129 31.9 26.8 40.2
65 37.5 22.9 34.3#
92 21.8 15.2 22.8

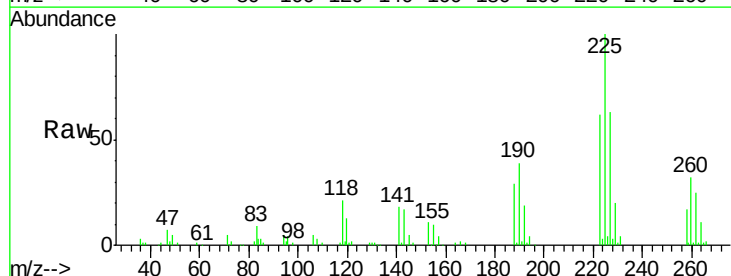


Abundance Ion 127.00 (126.70 to 127.70): E
200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

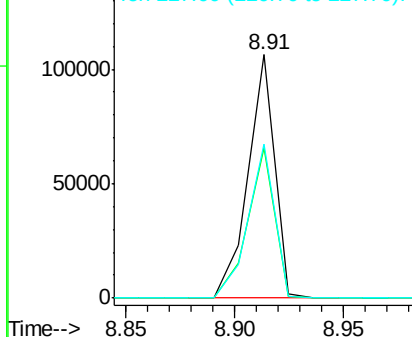
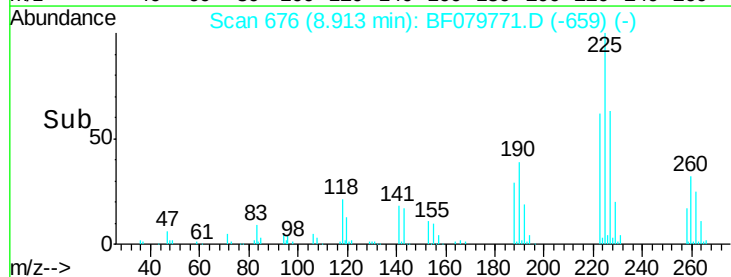


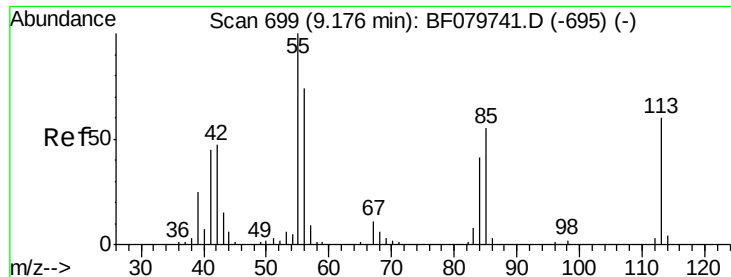
#34
Hexachlorobutadiene
Concen: 38.93 ng
RT: 8.91 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

Tgt Ion:225 Resp: 90109
Ion Ratio Lower Upper
225 100
223 61.9 51.9 77.9
227 63.4 52.0 78.0



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





#35

Caprolactam

Concen: 43.51 ng

RT: 9.16 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA_F

ClientSampleId :

PB83804BS

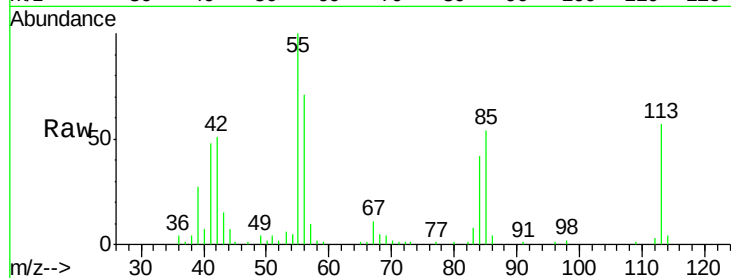
Tgt Ion:113 Resp: 41531

Ion Ratio Lower Upper

113 100

55 174.2 186.6 226.6#

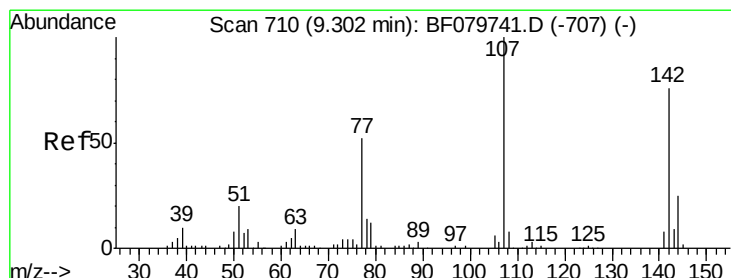
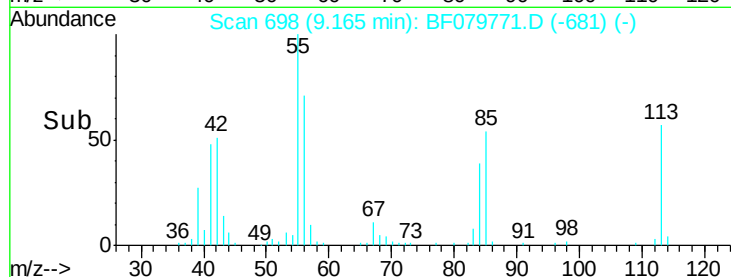
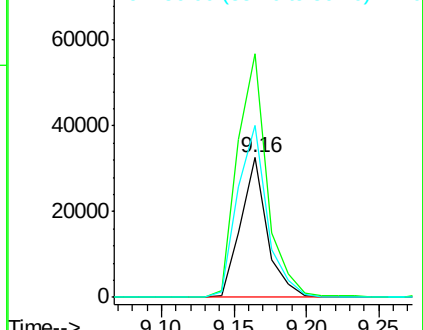
56 123.3 137.8 177.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.74 ng

RT: 9.29 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

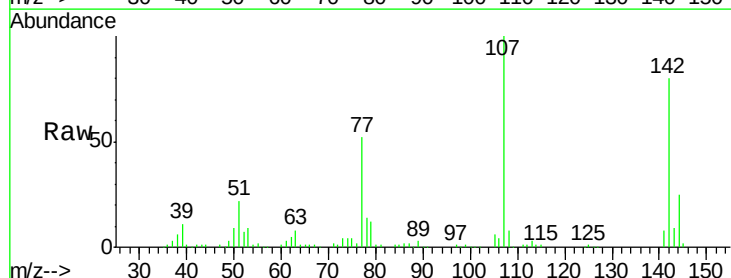
Tgt Ion:107 Resp: 149668

Ion Ratio Lower Upper

107 100

144 25.0 24.5 36.7

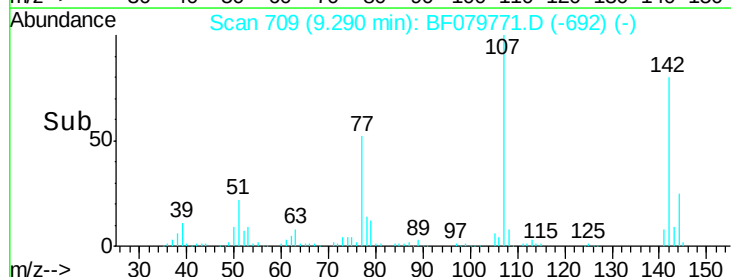
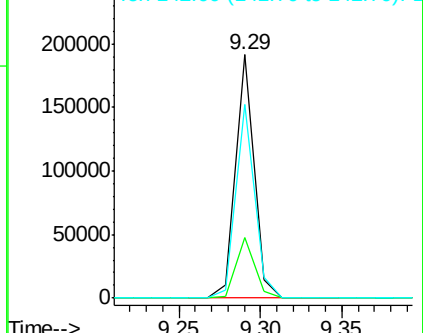
142 79.7 74.6 112.0

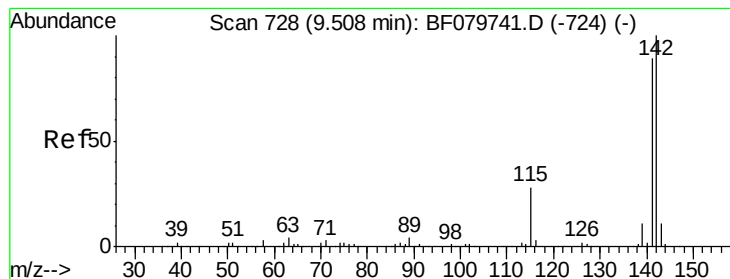


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

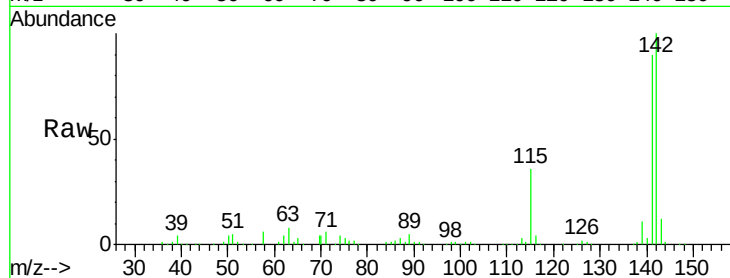




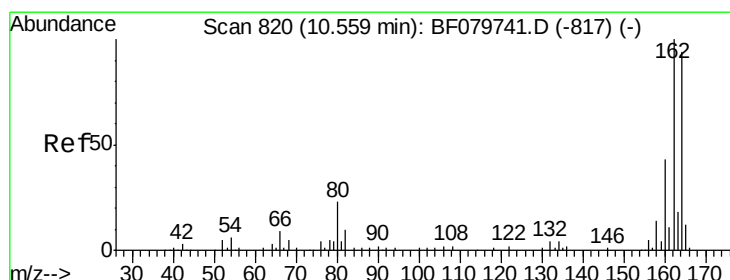
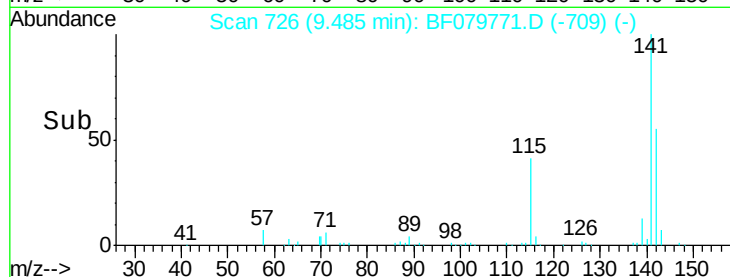
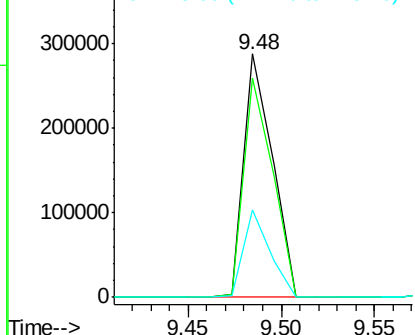
#37
 2-Methylnaphthalene
 Concen: 40.68 ng
 RT: 9.48 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83804BS

Tgt Ion:142 Resp: 307799
 Ion Ratio Lower Upper
 142 100
 141 90.2 72.8 109.2
 115 35.7 26.9 40.3

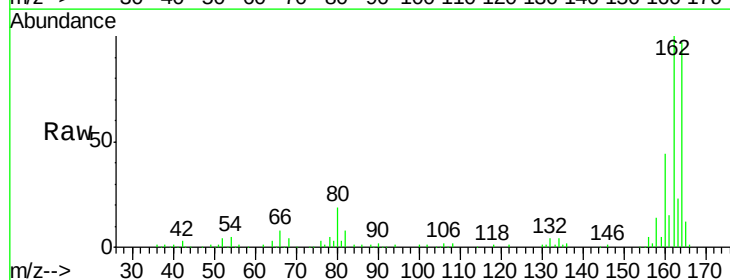


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

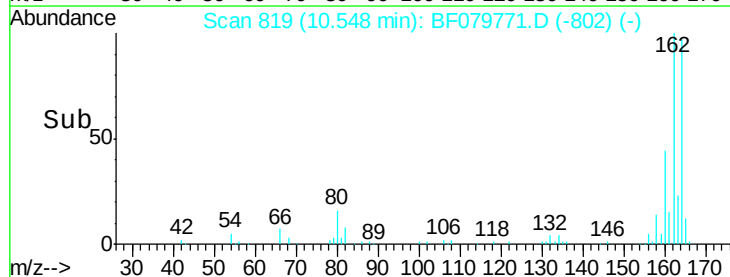
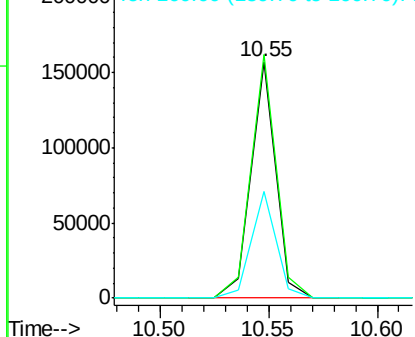


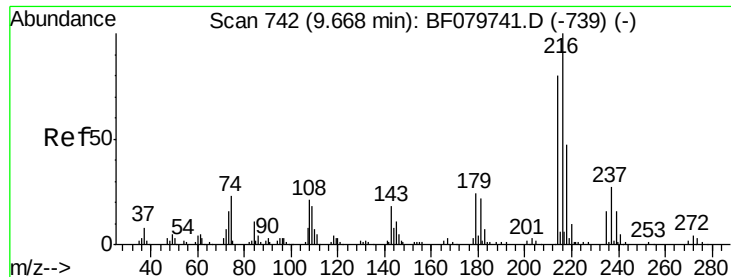
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.55 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Tgt Ion:164 Resp: 124156
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 45.2 36.8 55.2



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

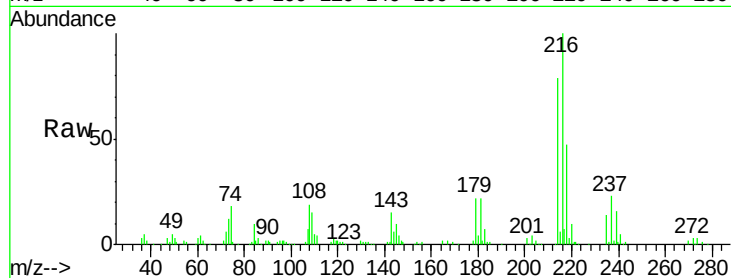




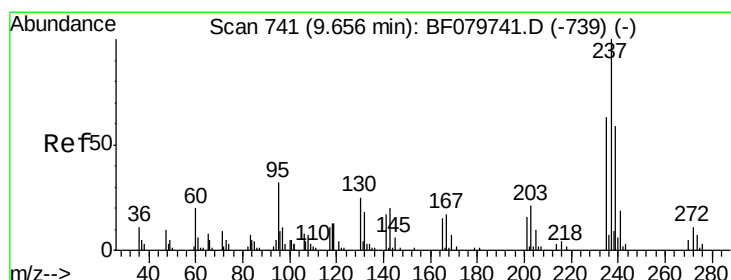
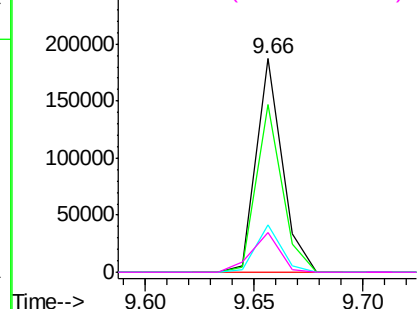
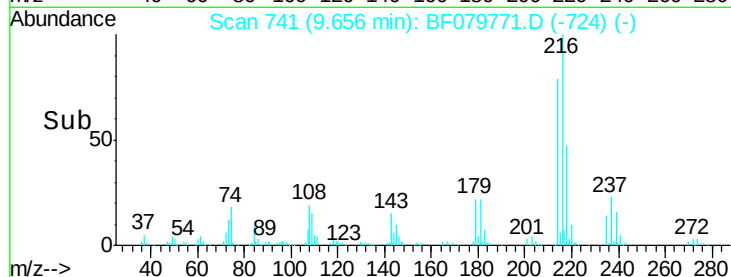
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.01 ng
 RT: 9.66 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83804BS

Tgt Ion:216 Resp: 154705
 Ion Ratio Lower Upper
 216 100
 214 78.0 62.2 93.4
 179 21.6 16.6 24.8
 108 20.5 13.4 20.0#

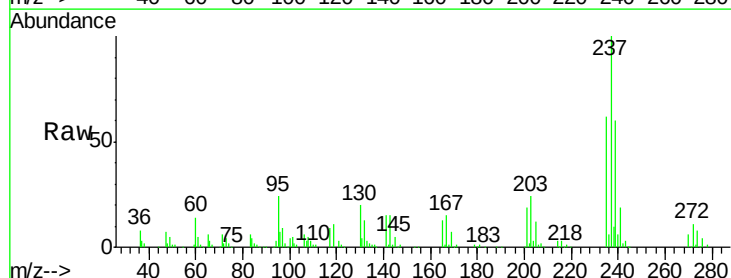


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

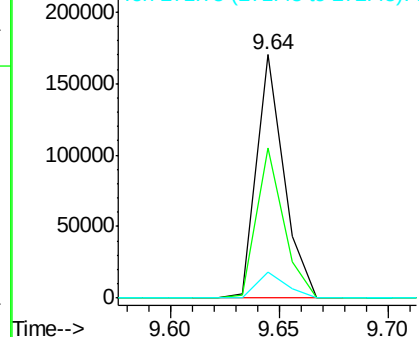
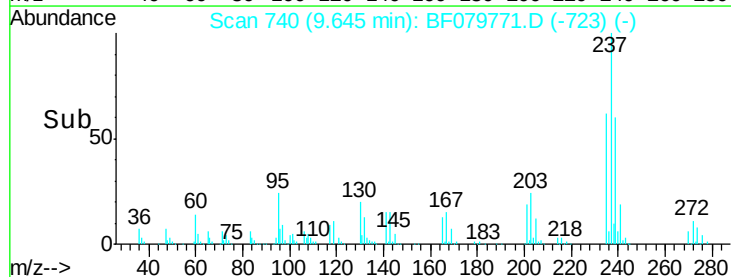


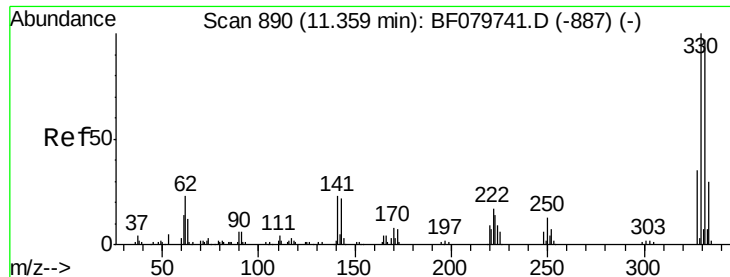
#40
 Hexachlorocyclopentadiene
 Concen: 89.12 ng
 RT: 9.64 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Tgt Ion:237 Resp: 148156
 Ion Ratio Lower Upper
 237 100
 235 61.7 41.9 81.9
 272 10.6 0.0 32.1



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

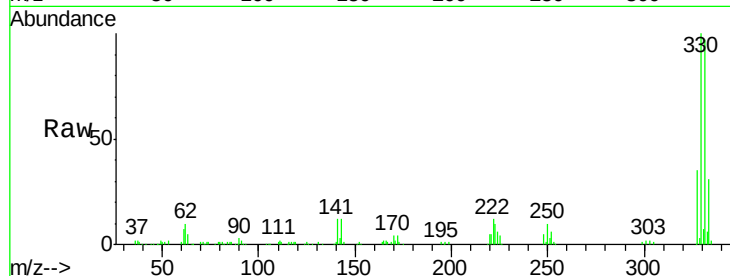




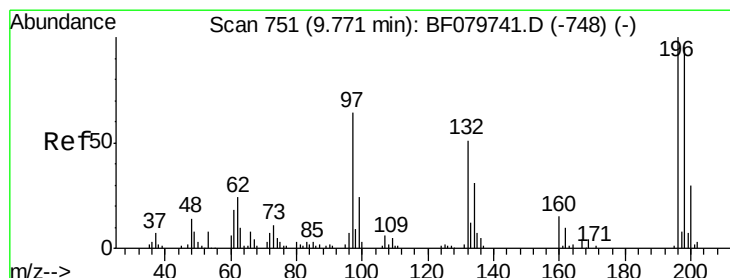
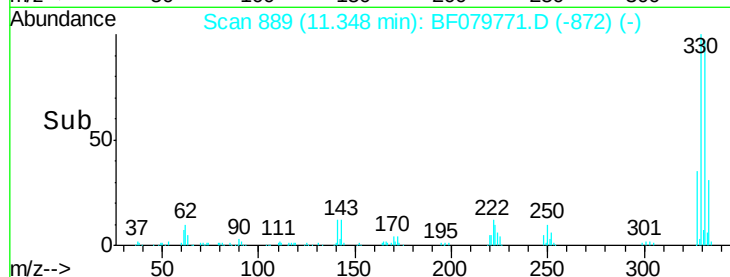
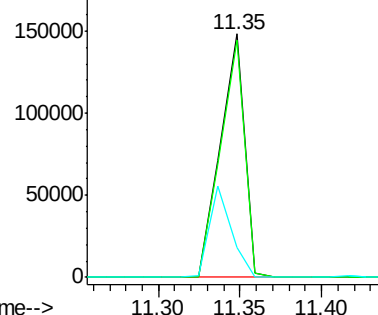
#41
 2,4,6-Tribromophenol
 Concen: 128.54 ng
 RT: 11.35 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83804BS

Tgt Ion:330 Resp: 152631
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.0
 141 33.9 30.2 45.2

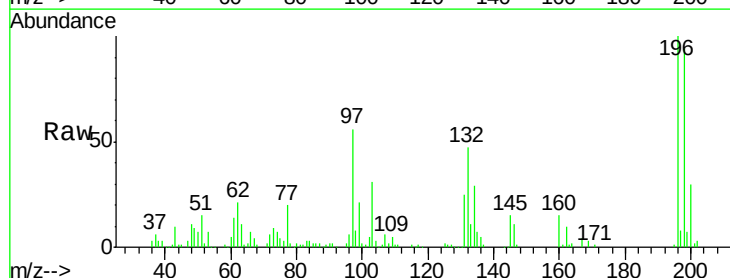


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

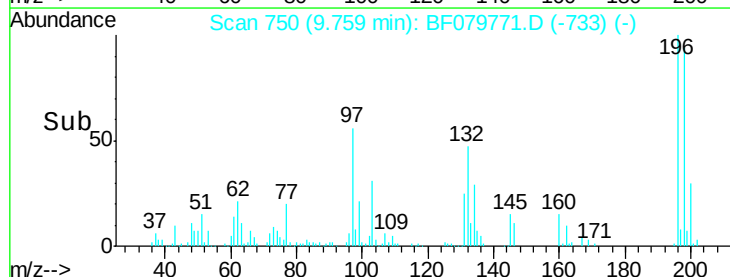
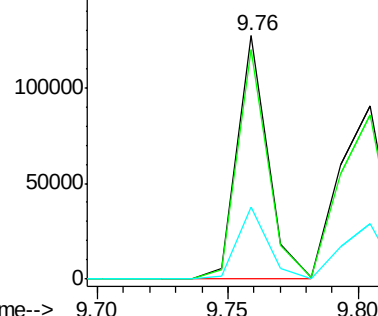


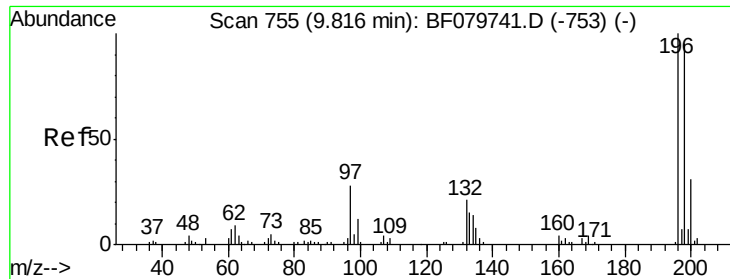
#42
 2,4,6-Trichlorophenol
 Concen: 40.47 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Tgt Ion:196 Resp: 104091
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.8 115.2
 200 29.5 24.5 36.7



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

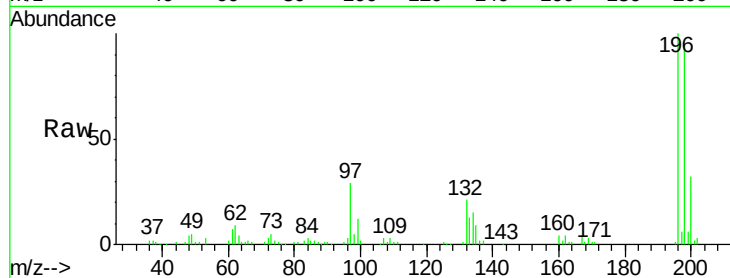




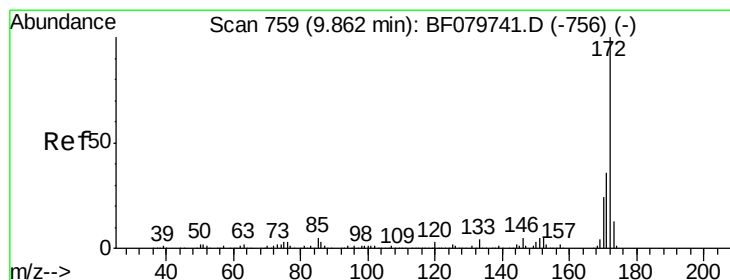
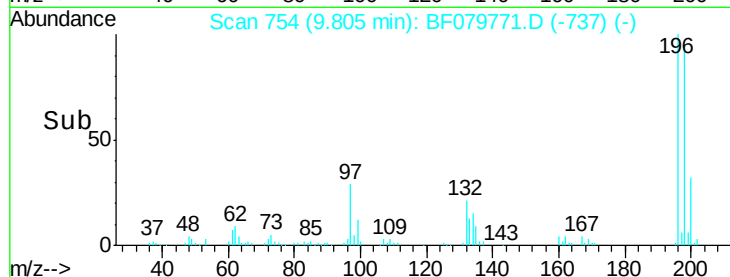
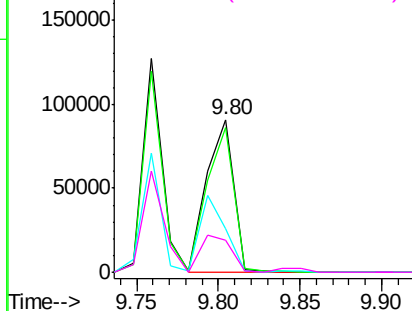
#43
 2,4,5-Trichlorophenol
 Concen: 38.97 ng
 RT: 9.80 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83804BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.9	115.3
97	28.9	38.9	58.3#
132	20.9	23.9	35.9#

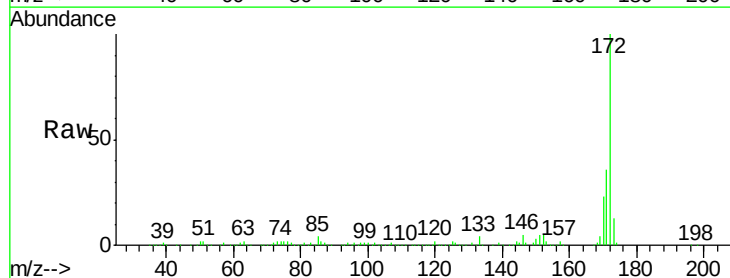


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

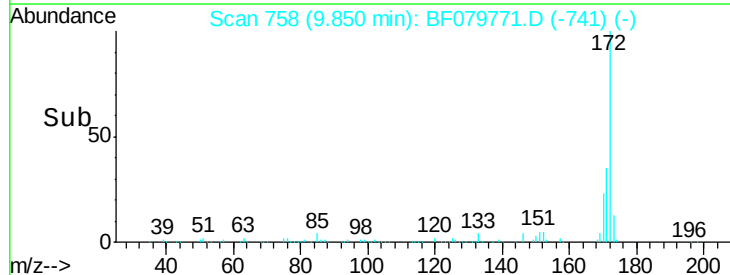
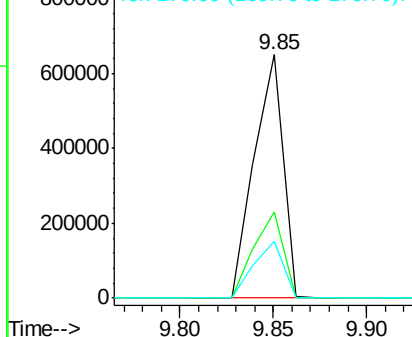


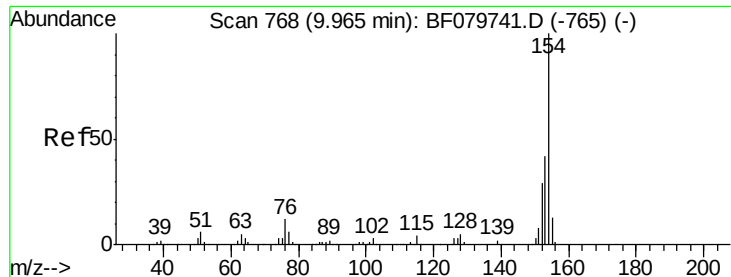
#44
 2-Fluorobiphenyl
 Concen: 75.71 ng
 RT: 9.85 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.5	19.7	29.5



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: 38.37 ng

RT: 9.95 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA_F

ClientSampleId :

PB83804BS

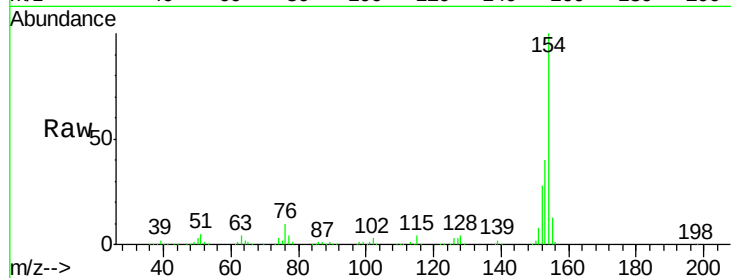
Tgt Ion:154 Resp: 414445

Ion Ratio Lower Upper

154 100

153 39.7 19.9 59.9

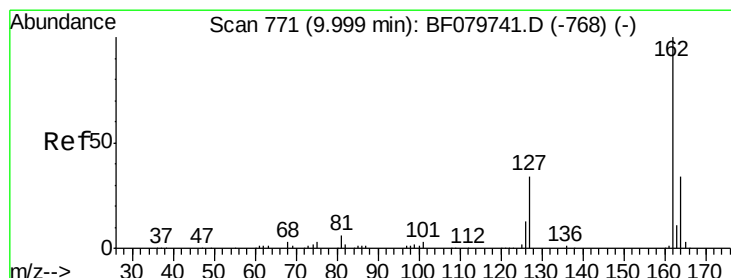
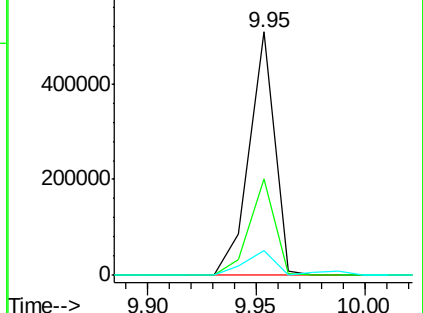
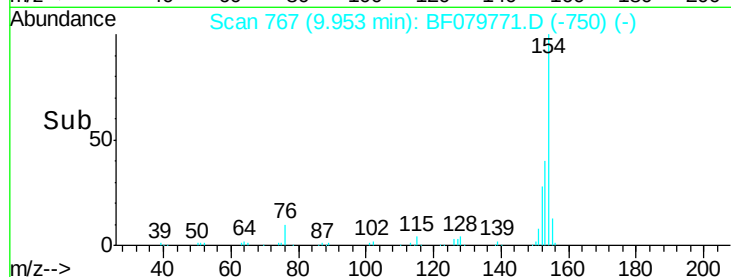
76 10.4 0.0 28.2



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: 35.64 ng

RT: 9.99 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

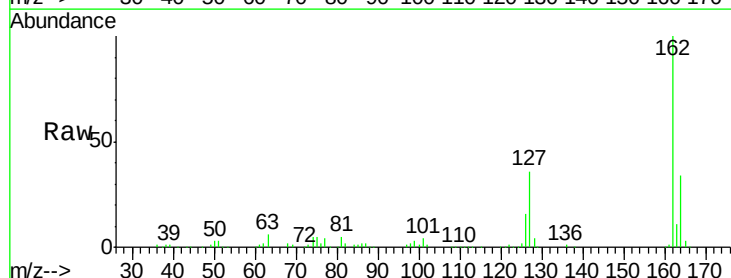
Tgt Ion:162 Resp: 314266

Ion Ratio Lower Upper

162 100

127 35.9 35.4 53.2

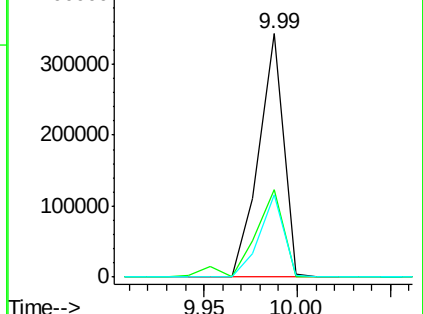
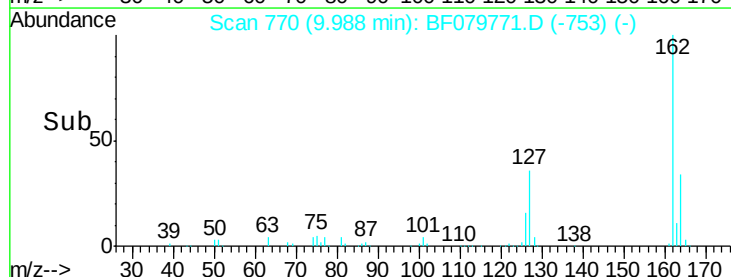
164 33.8 26.3 39.5

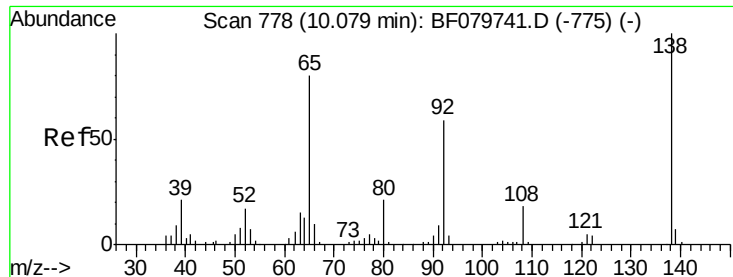


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

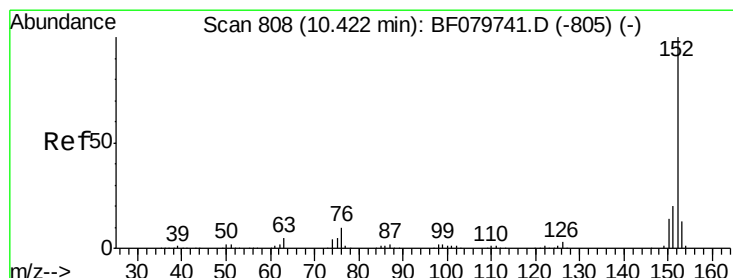
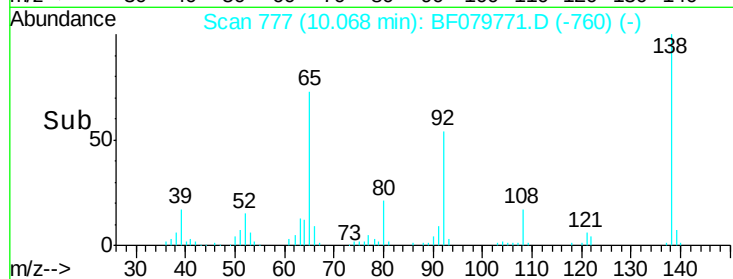
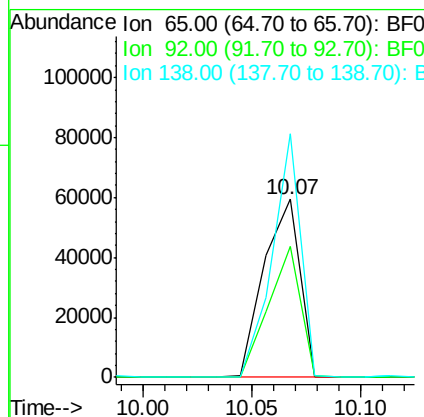
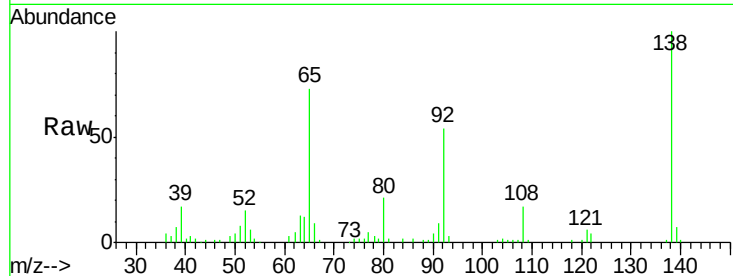




#47
 2-Nitroaniline
 Concen: 37.37 ng
 RT: 10.07 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

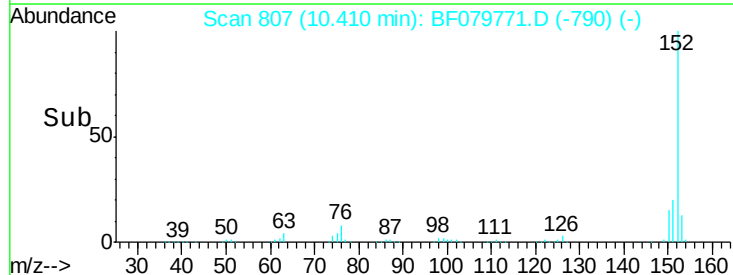
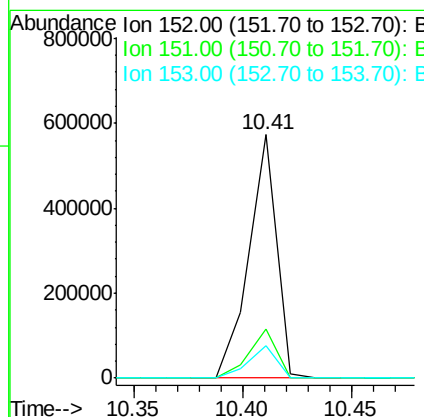
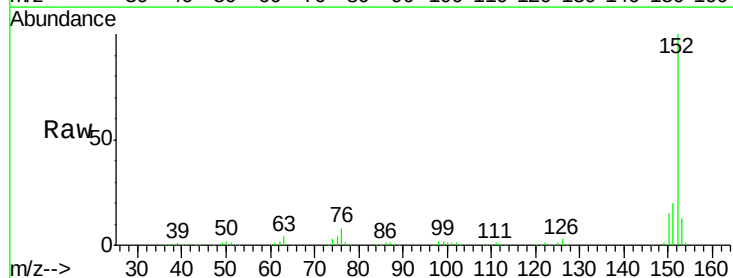
Instrument :
 BNA_F
 ClientSampled :
 PB83804BS

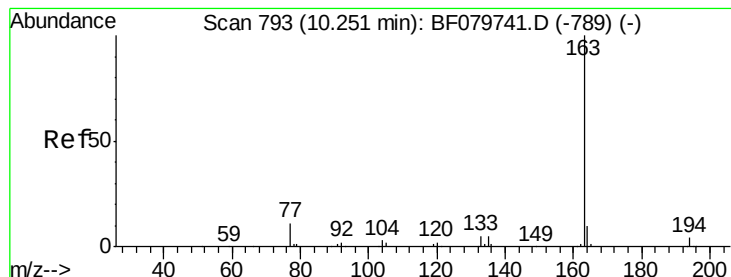
Tgt Ion: 65 Resp: 69127
 Ion Ratio Lower Upper
 65 100
 92 73.4 49.0 73.6
 138 136.8 67.7 101.5#



#48
 Acenaphthylene
 Concen: 34.77 ng
 RT: 10.41 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Tgt Ion: 152 Resp: 507007
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4
 153 13.2 10.4 15.6





#49

Dimethylphthalate

Concen: 36.05 ng

RT: 10.23 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA_F

ClientSampleId :

PB83804BS

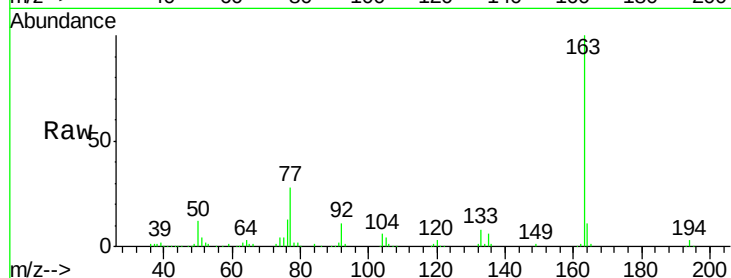
Tgt Ion:163 Resp: 344811

Ion Ratio Lower Upper

163 100

194 3.1 2.6 3.8

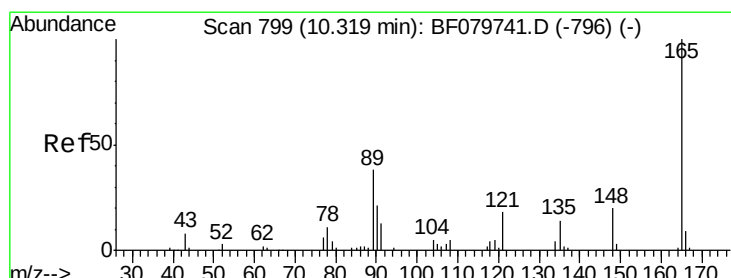
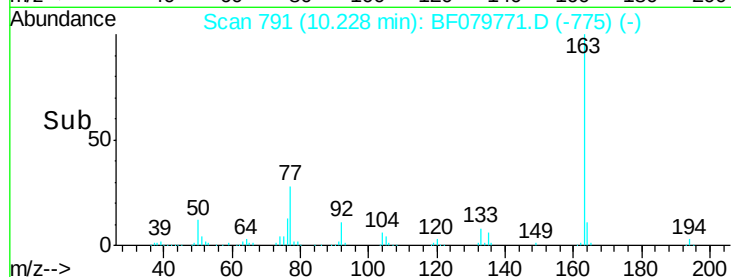
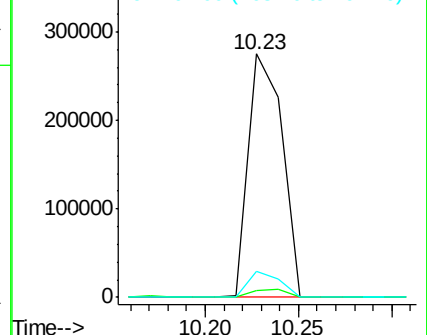
164 10.9 8.5 12.7



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: 40.48 ng

RT: 10.30 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

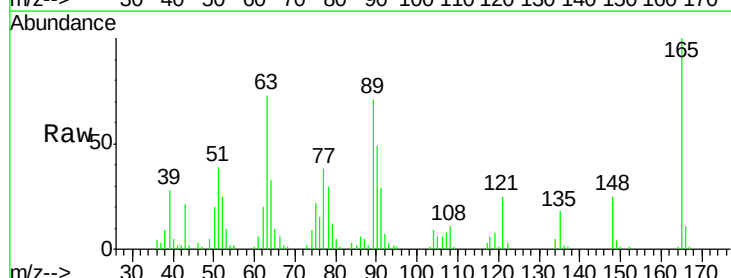
Tgt Ion:165 Resp: 61730

Ion Ratio Lower Upper

165 100

63 72.7 45.2 67.8#

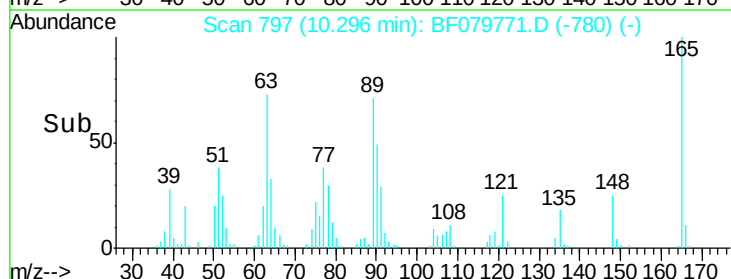
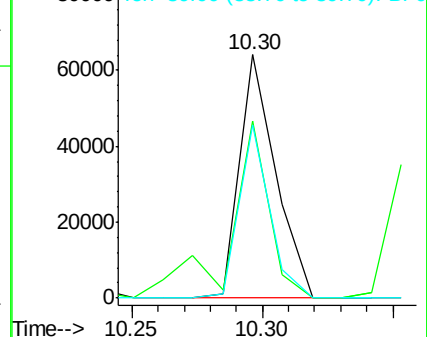
89 71.0 45.9 68.9#

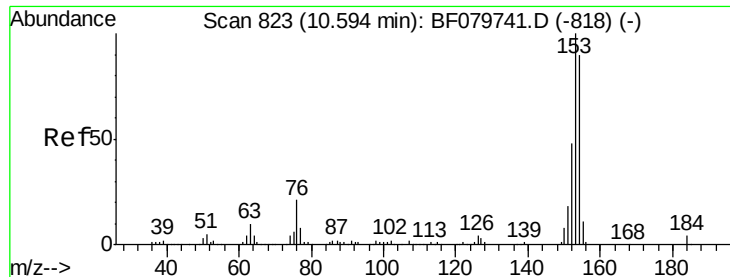


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.87 ng

RT: 10.58 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA_F

ClientSampleId :

PB83804BS

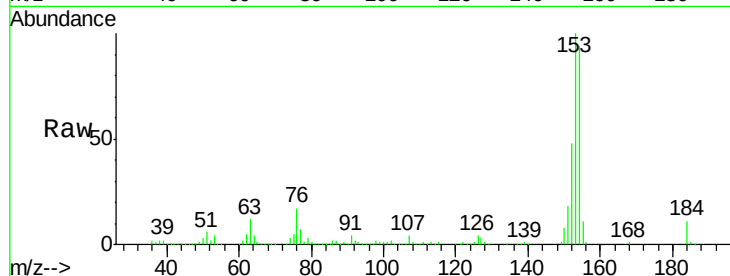
Tgt Ion:154 Resp: 312692

Ion Ratio Lower Upper

154 100

153 106.3 90.1 135.1

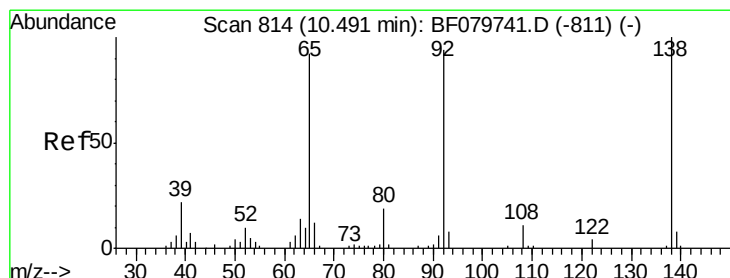
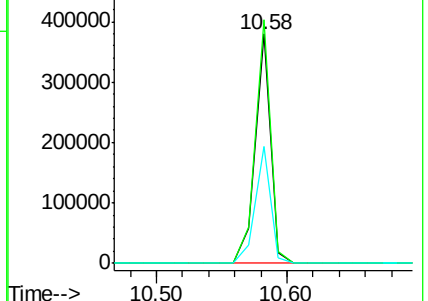
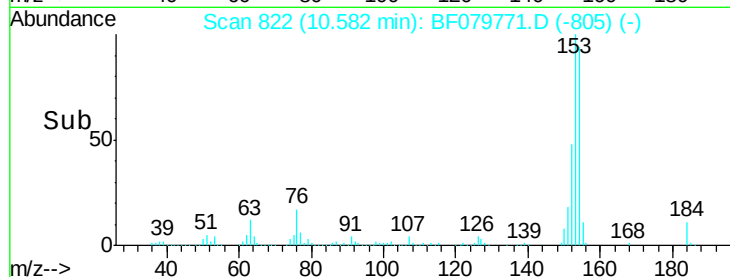
152 51.0 43.4 65.0



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: 26.58 ng

RT: 10.47 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

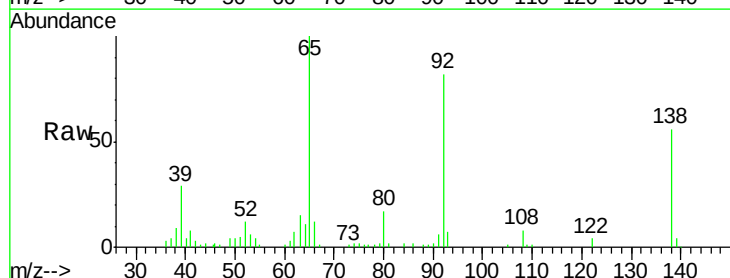
Tgt Ion:138 Resp: 53695

Ion Ratio Lower Upper

138 100

108 14.5 8.9 13.3#

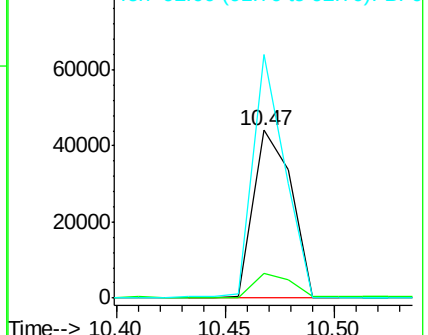
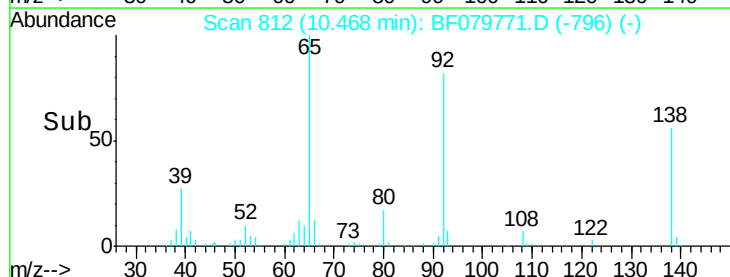
92 145.2 99.0 148.4

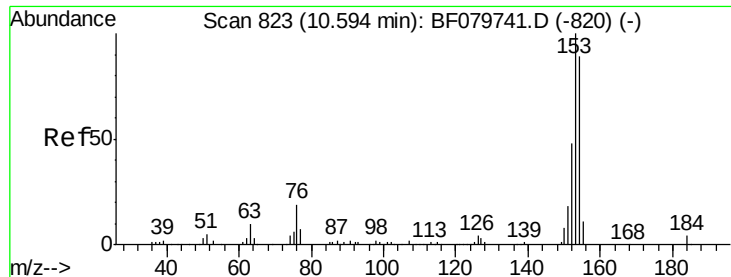


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

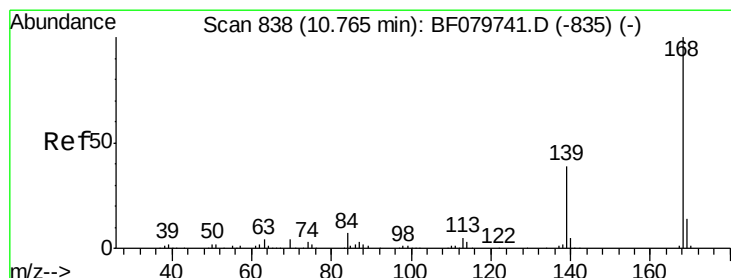
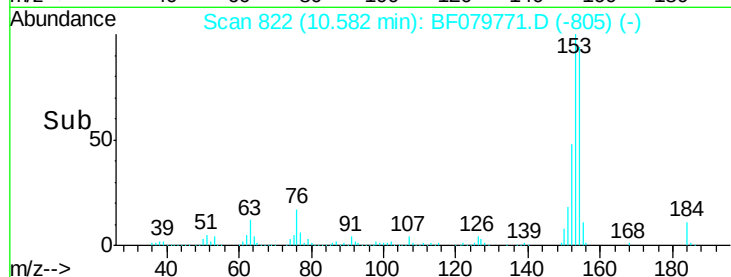
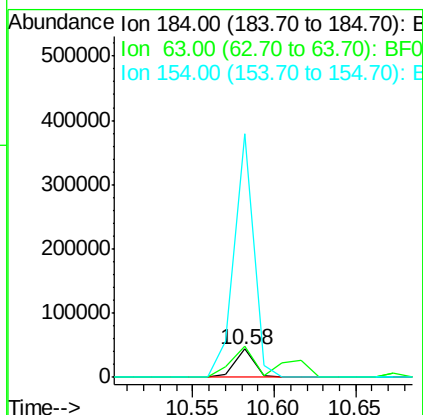
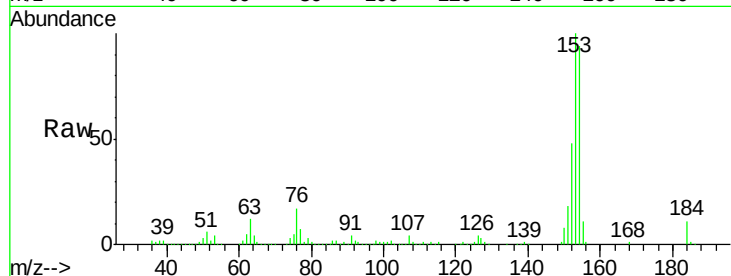




#53
2,4-Dinitrophenol
Concen: 73.10 ng
RT: 10.58 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

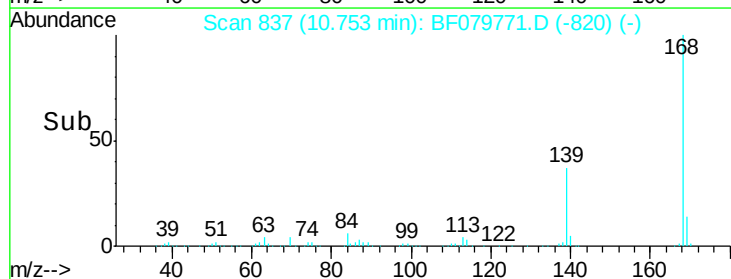
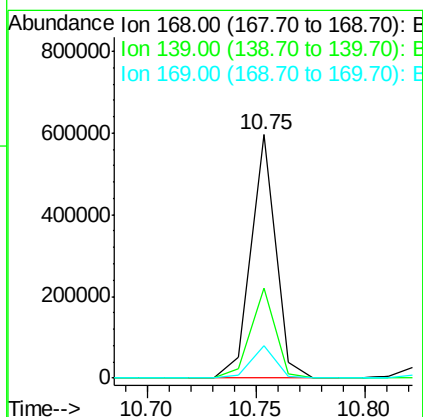
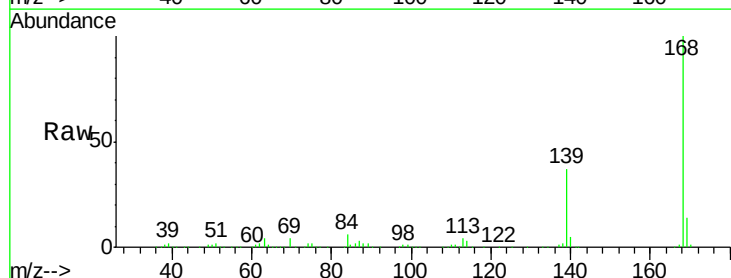
Instrument :
BNA_F
ClientSampleId :
PB83804BS

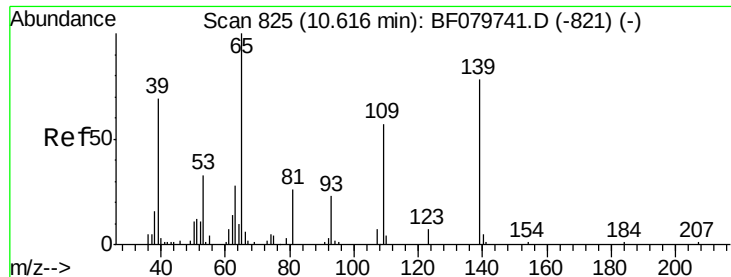
Tgt Ion:184 Resp: 36879
Ion Ratio Lower Upper
184 100
63 109.1 146.9 220.3#
154 858.0 653.8 980.8



#54
Dibenzofuran
Concen: 40.15 ng
RT: 10.75 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

Tgt Ion:168 Resp: 469560
Ion Ratio Lower Upper
168 100
139 36.8 27.7 41.5
169 13.5 11.0 16.4

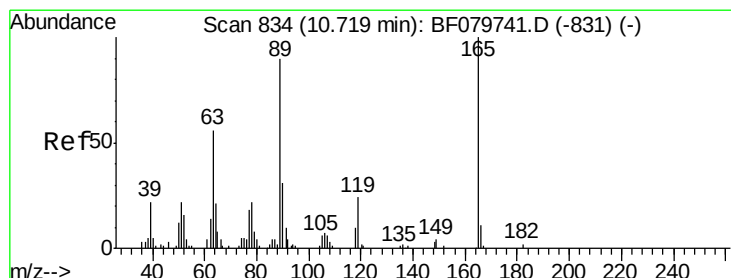
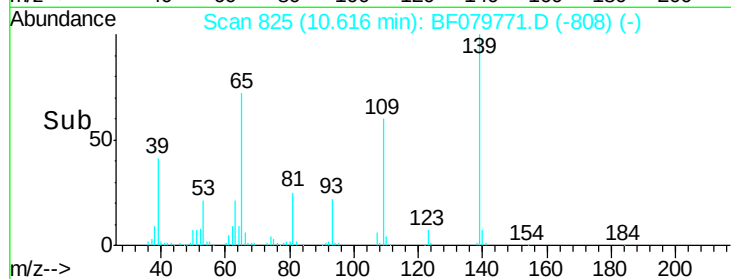
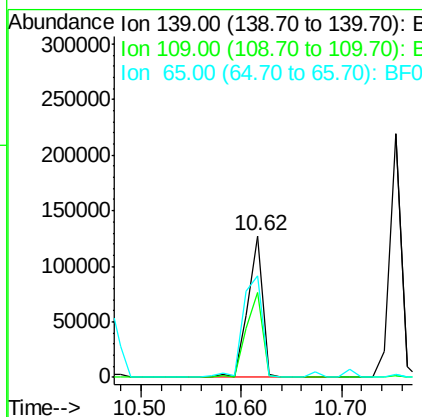
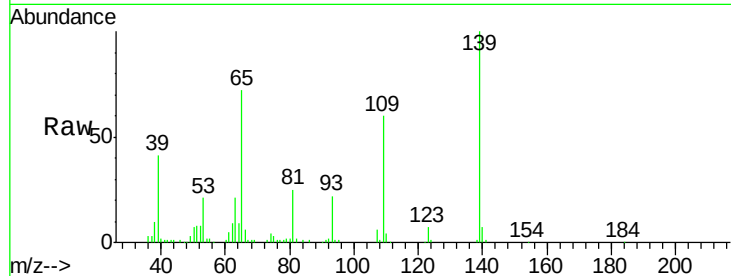




#55
4-Nitrophenol
Concen: 86.80 ng
RT: 10.62 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

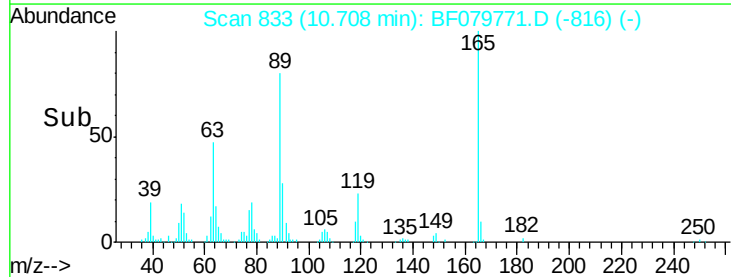
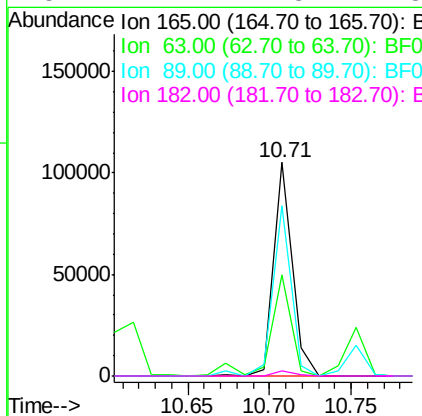
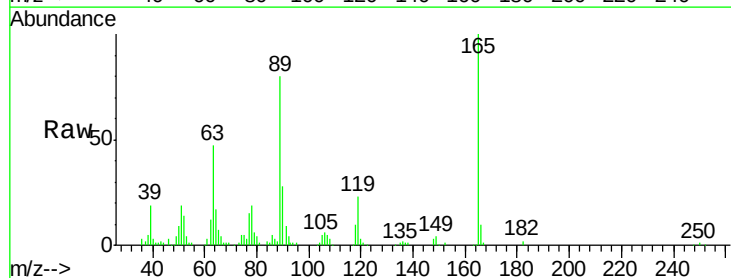
Instrument :
BNA_F
ClientSampleId :
PB83804BS

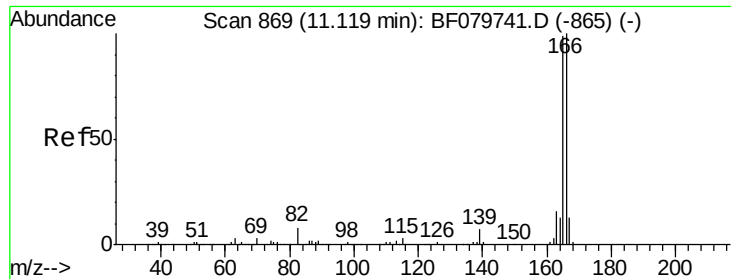
Tgt Ion:139 Resp: 130953
Ion Ratio Lower Upper
139 100
109 60.4 44.2 84.2
65 71.9 72.3 112.3#



#56
2,4-Dinitrotoluene
Concen: 45.02 ng
RT: 10.71 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

Tgt Ion:165 Resp: 84356
Ion Ratio Lower Upper
165 100
63 47.1 24.7 37.1#
89 79.7 45.7 68.5#
182 2.2 1.8 2.8

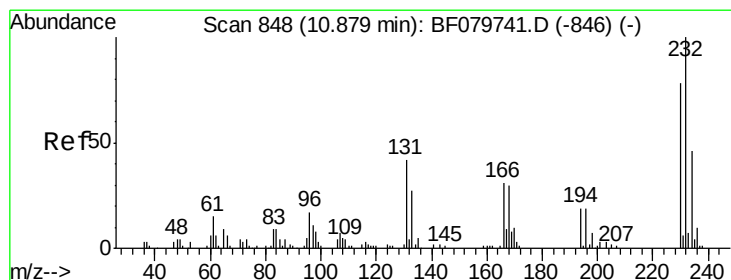
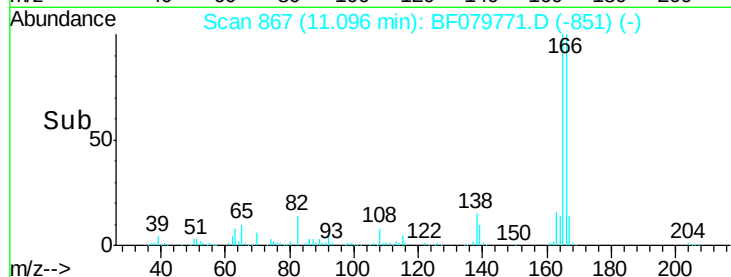
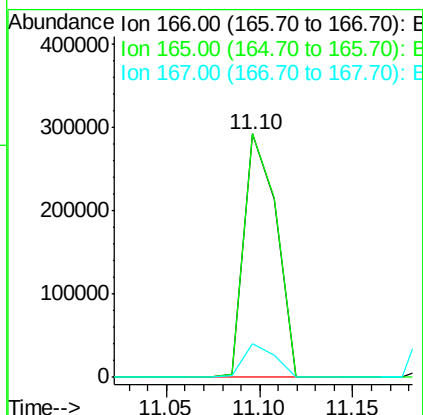
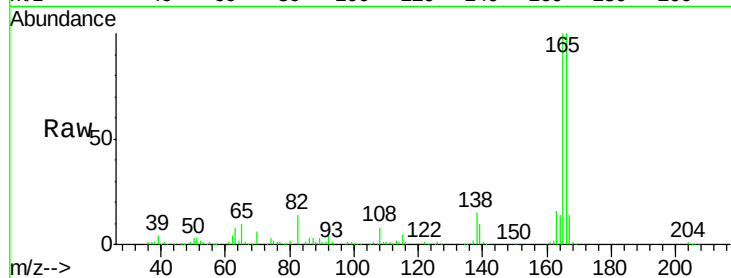




#57
 Fluorene
 Concen: 34.67 ng
 RT: 11.10 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

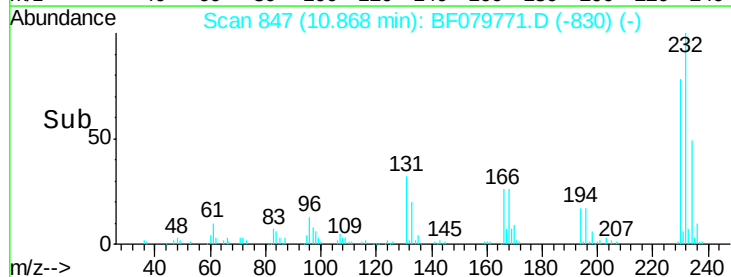
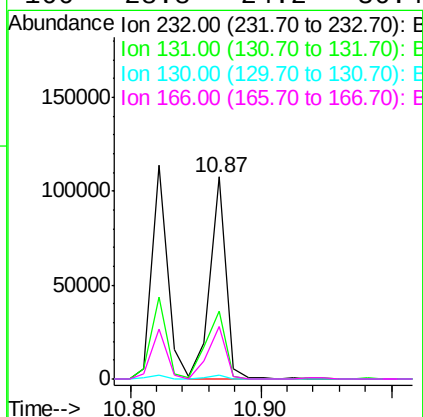
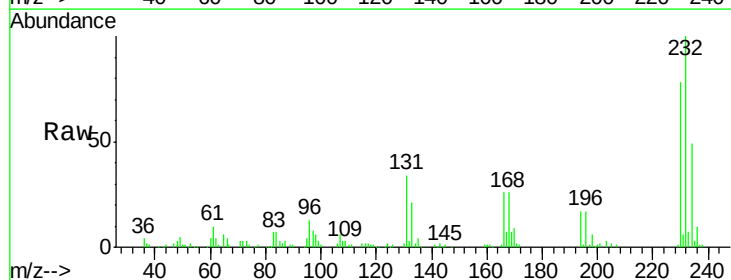
Instrument :
 BNA_F
 ClientSampleId :
 PB83804BS

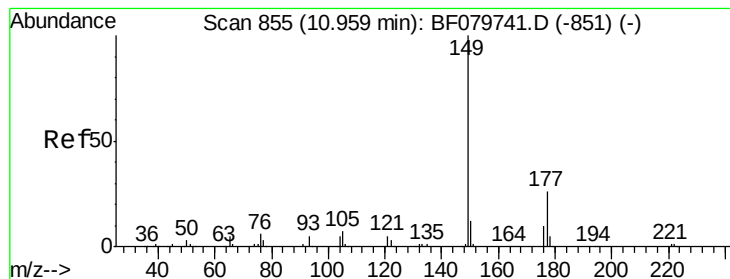
Tgt Ion:166 Resp: 350935
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.4 119.0
 167 13.9 11.0 16.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.08 ng
 RT: 10.87 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Tgt Ion:232 Resp: 92165
 Ion Ratio Lower Upper
 232 100
 131 41.0 36.5 54.7
 130 2.1 1.8 2.8
 166 28.8 24.2 36.4





#59

Diethylphthalate

Concen: 36.47 ng

RT: 10.94 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA_F

ClientSampleId :

PB83804BS

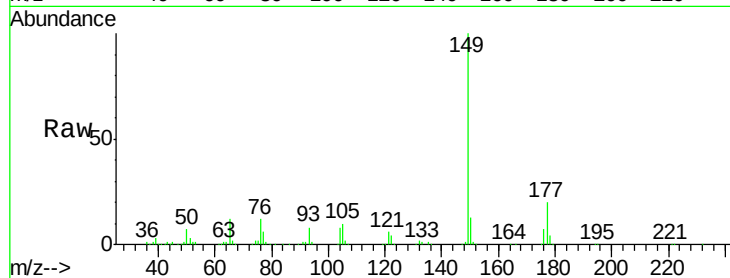
Tgt Ion:149 Resp: 341060

Ion Ratio Lower Upper

149 100

177 19.9 18.1 27.1

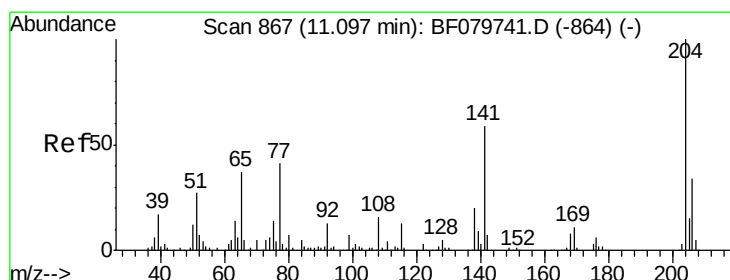
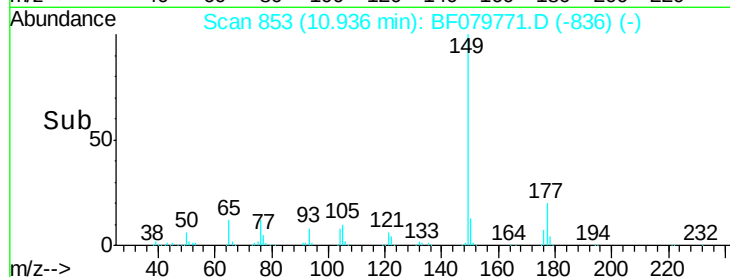
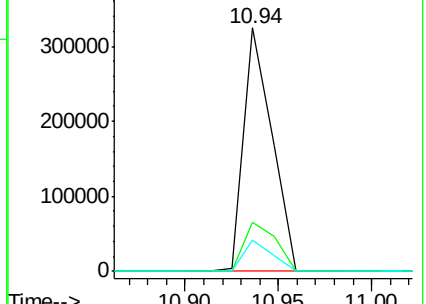
150 12.7 10.5 15.7



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: 38.89 ng

RT: 11.08 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

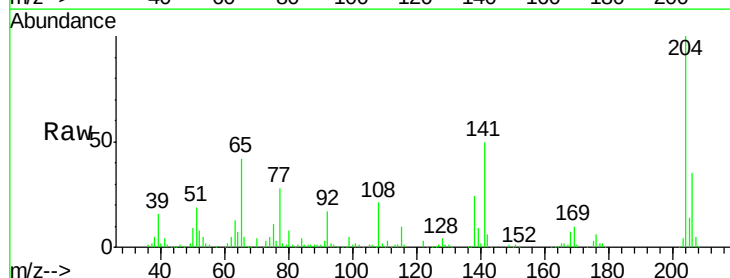
Tgt Ion:204 Resp: 178382

Ion Ratio Lower Upper

204 100

206 35.1 25.8 38.6

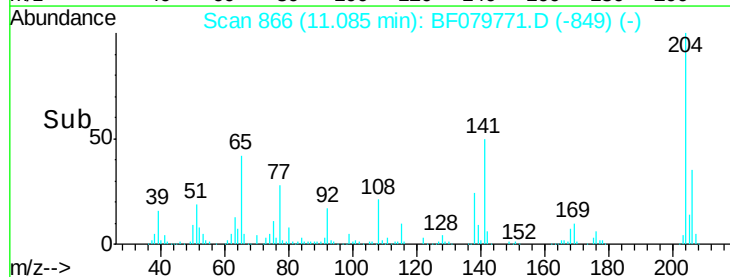
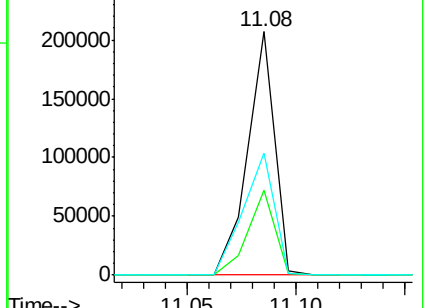
141 50.1 56.5 84.7#

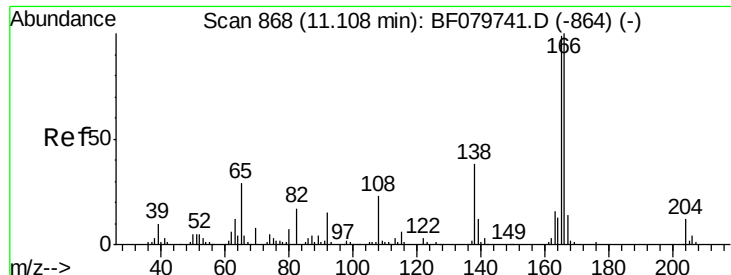


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

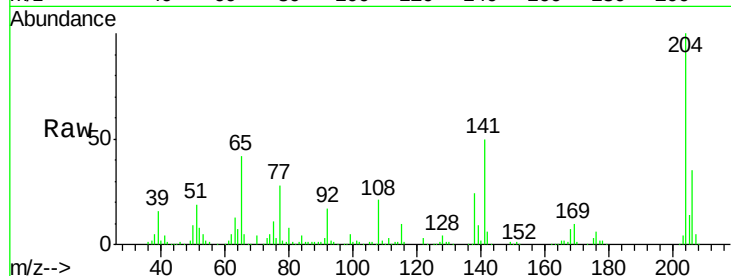




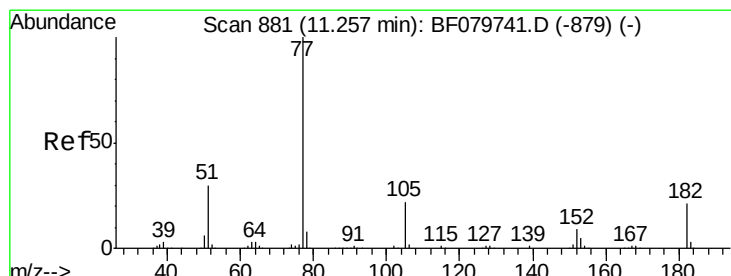
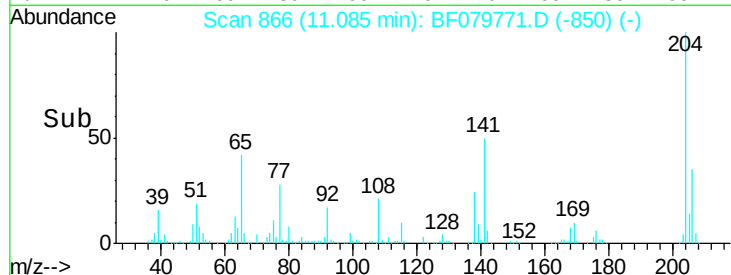
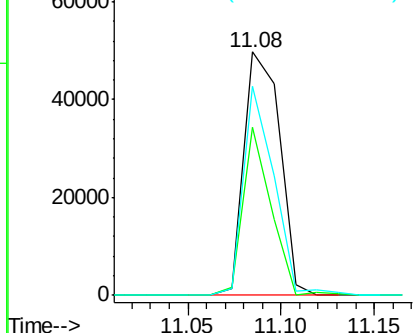
#61
4-Nitroaniline
Concen: 35.13 ng
RT: 11.08 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PB83804BS

Tgt Ion:138 Resp: 66318
Ion Ratio Lower Upper
138 100
92 68.9 38.2 78.2
108 86.1 53.8 93.8

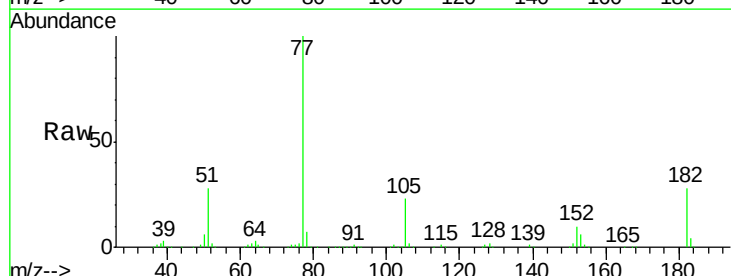


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

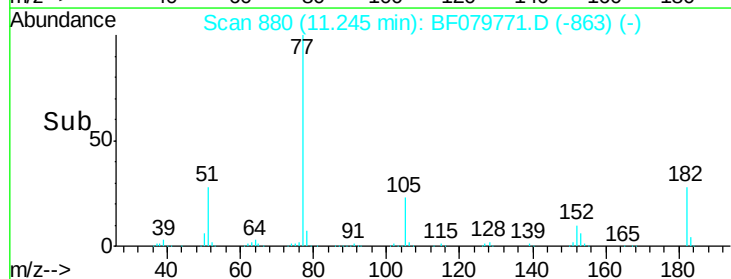
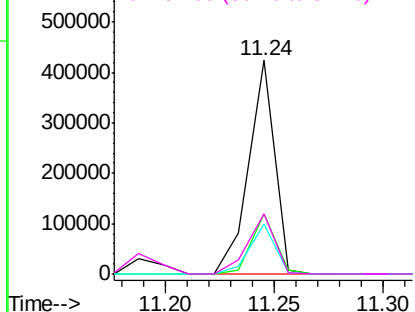


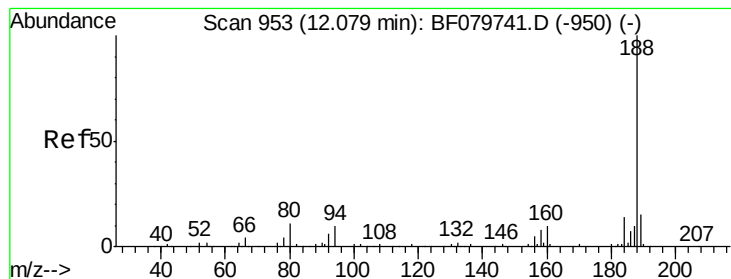
#62
Azobenzene
Concen: 37.31 ng
RT: 11.24 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

Tgt Ion: 77 Resp: 352577
Ion Ratio Lower Upper
77 100
182 28.1 0.0 35.2
105 23.1 0.0 39.5
51 28.0 12.4 52.4



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: 12.06 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA_F

ClientSampleId :

PB83804BS

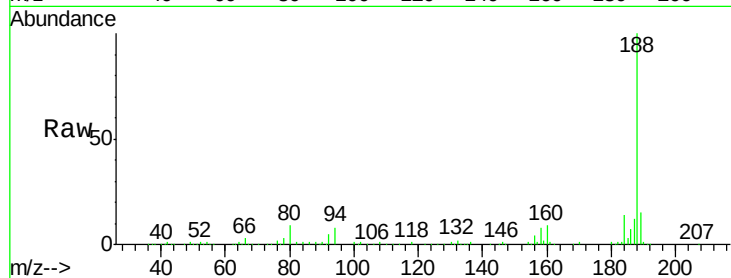
Tgt Ion:188 Resp: 246927

Ion Ratio Lower Upper

188 100

94 8.1 5.0 7.4#

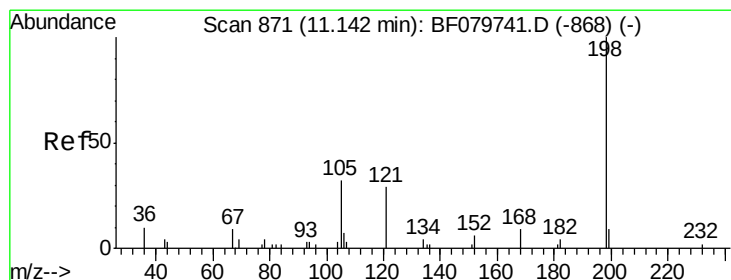
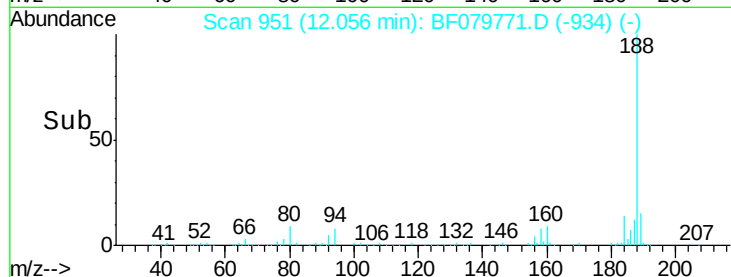
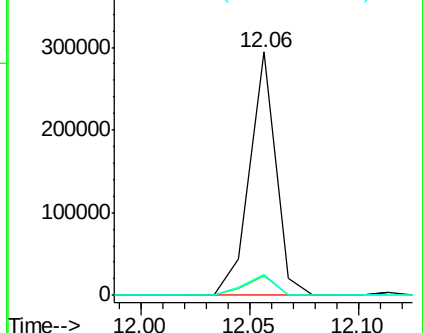
80 8.7 5.3 7.9#



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: 39.04 ng

RT: 11.13 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

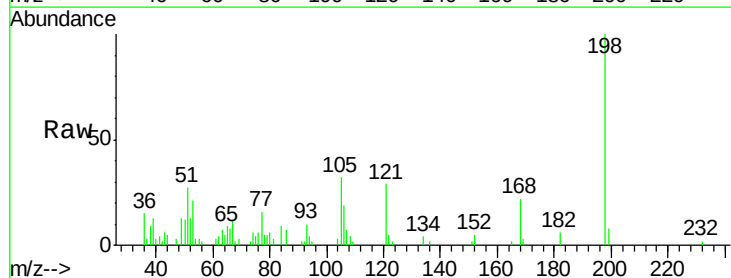
Tgt Ion:198 Resp: 22848

Ion Ratio Lower Upper

198 100

51 26.9 34.4 74.4#

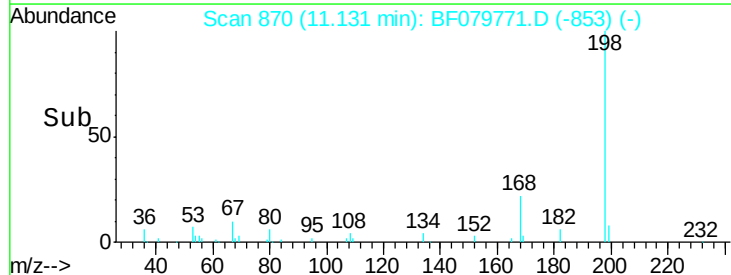
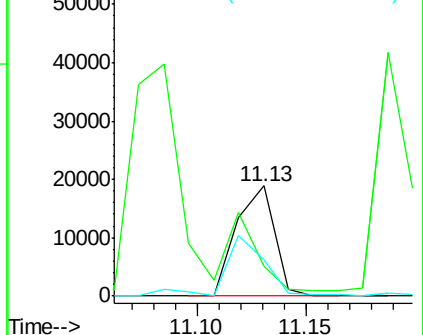
105 32.4 32.7 72.7#

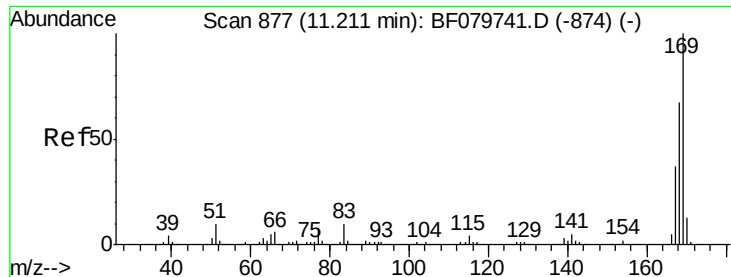


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.89 ng

RT: 11.20 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA_F

ClientSampleId :

PB83804BS

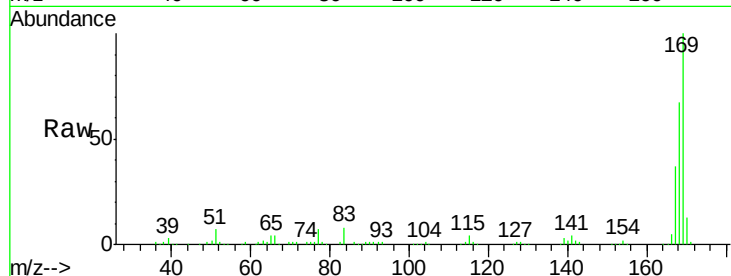
Tgt Ion:169 Resp: 304238

Ion Ratio Lower Upper

169 100

168 66.8 54.8 82.2

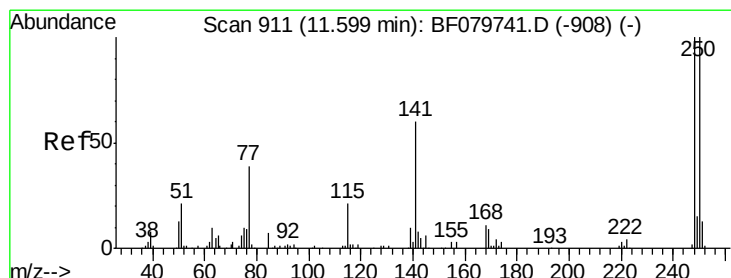
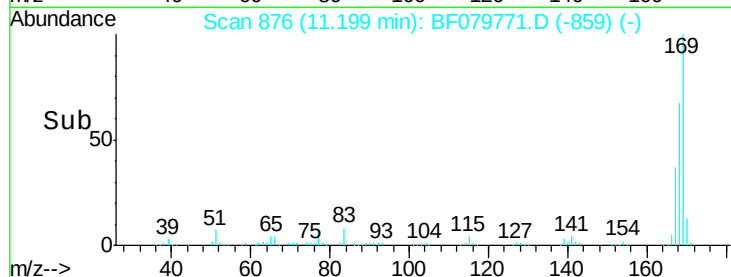
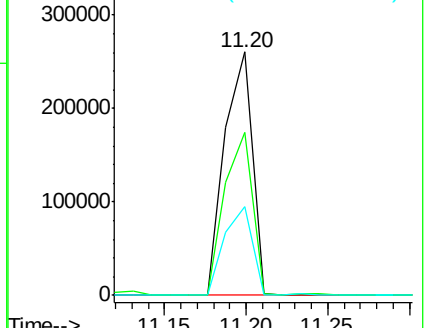
167 36.5 29.7 44.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.40 ng

RT: 11.58 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

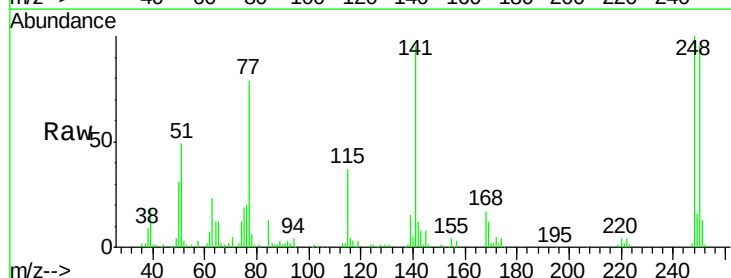
Tgt Ion:248 Resp: 102676

Ion Ratio Lower Upper

248 100

250 95.2 76.1 114.1

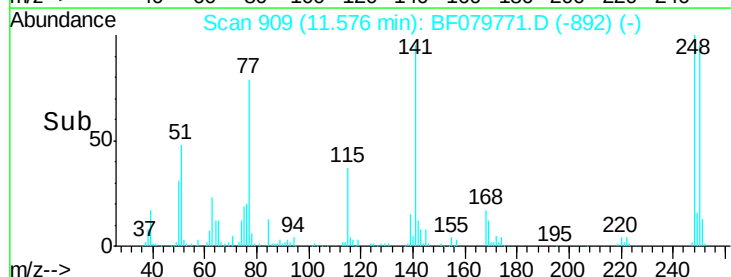
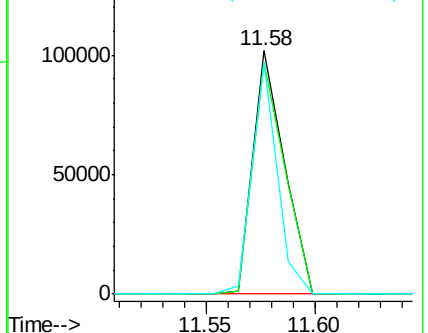
141 95.2 64.6 96.8

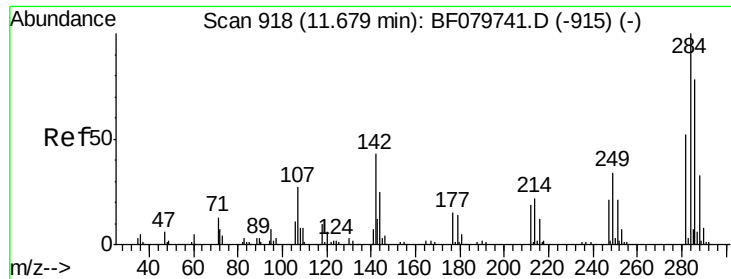


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

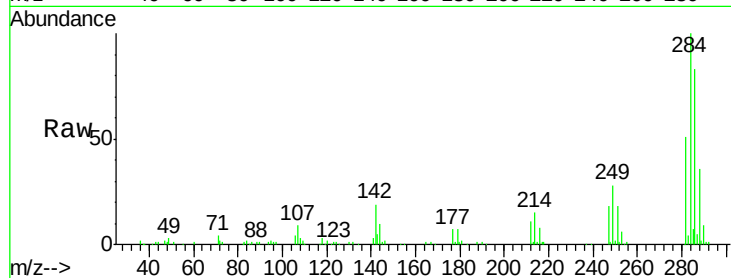




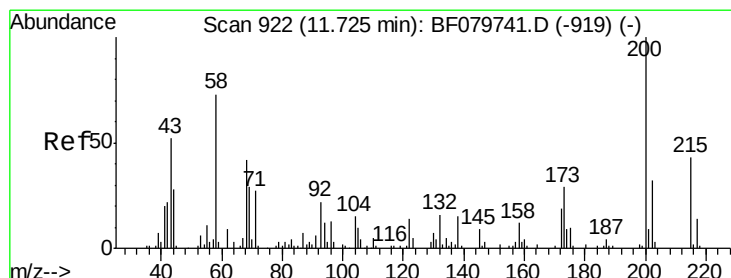
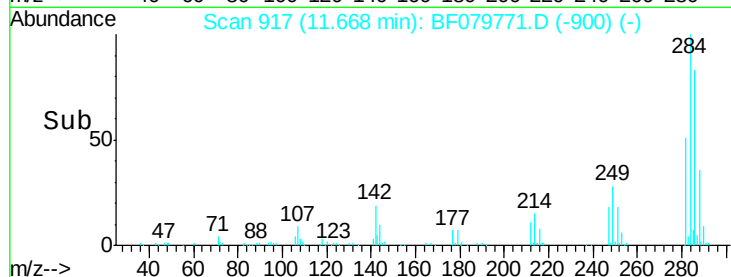
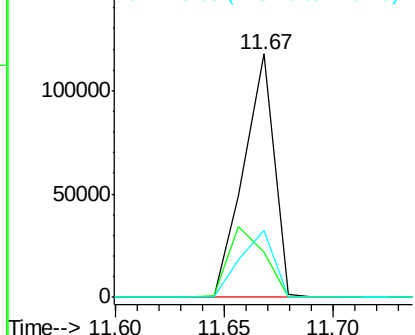
#67
Hexachlorobenzene
Concen: 38.49 ng
RT: 11.67 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PB83804BS

Tgt Ion:284 Resp: 115762
Ion Ratio Lower Upper
284 100
142 18.7 13.0 19.4
249 27.7 22.3 33.5

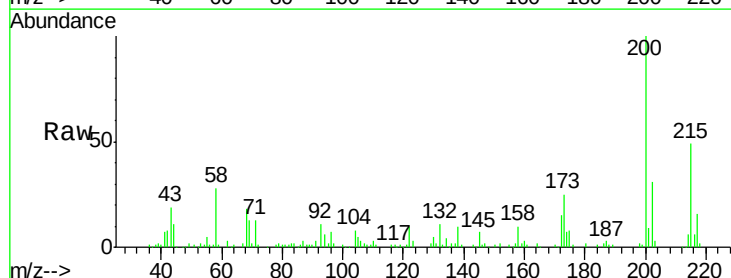


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

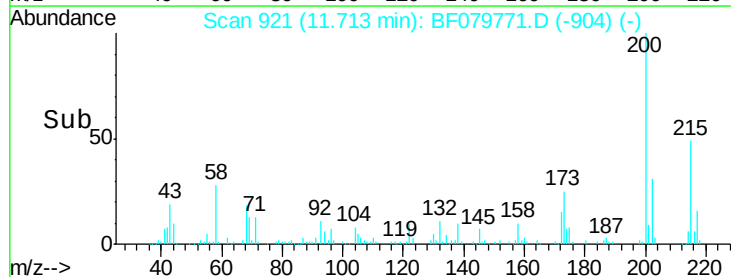
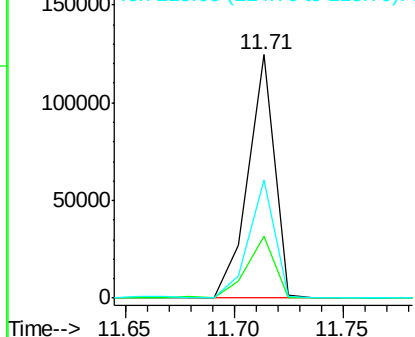


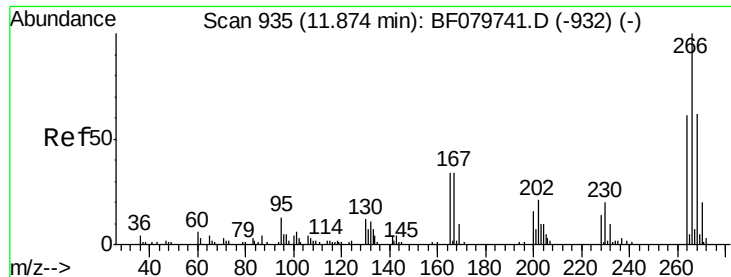
#68
Atrazine
Concen: 42.41 ng
RT: 11.71 min Scan# 921
Delta R.T. -0.00 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

Tgt Ion:200 Resp: 105134
Ion Ratio Lower Upper
200 100
173 25.2 5.5 45.5
215 48.7 28.5 68.5



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

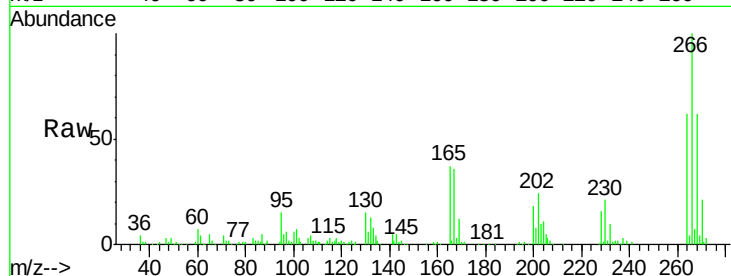




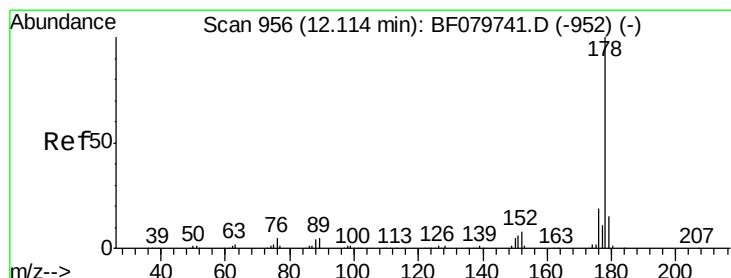
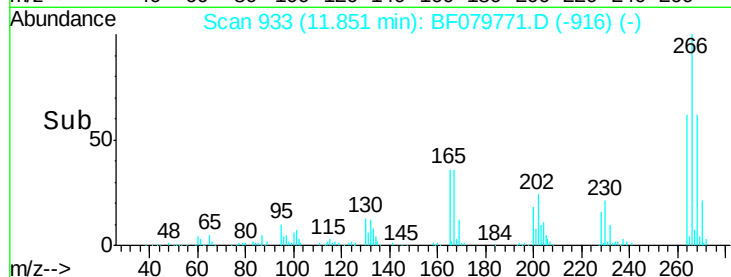
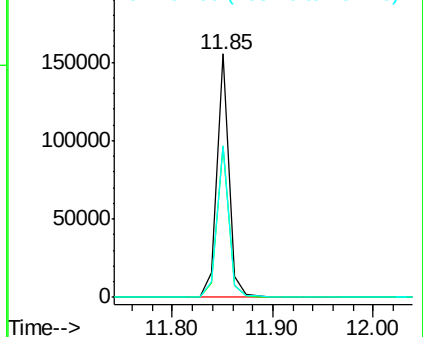
#69
 Pentachlorophenol
 Concen: 81.61 ng
 RT: 11.85 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB83804BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	50.4	75.6
264	62.1	51.3	76.9

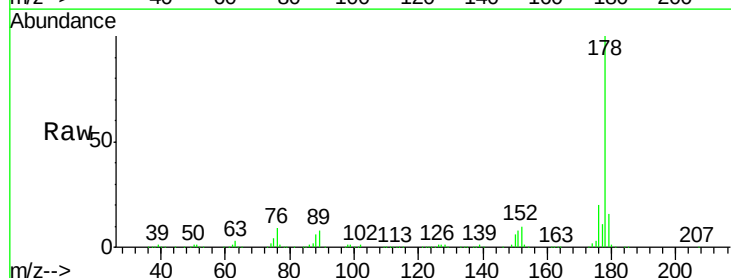


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

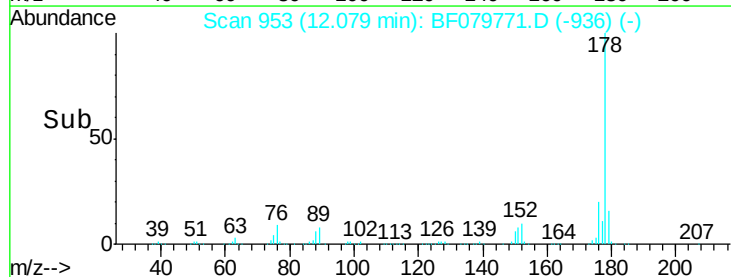
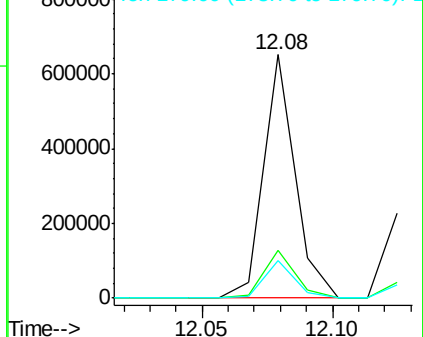


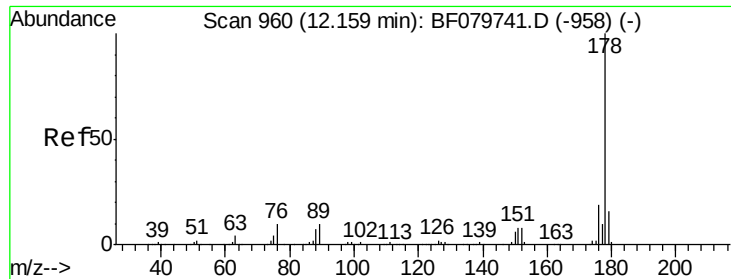
#70
 Phenanthrene
 Concen: 38.07 ng
 RT: 12.08 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.5	12.6	19.0



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

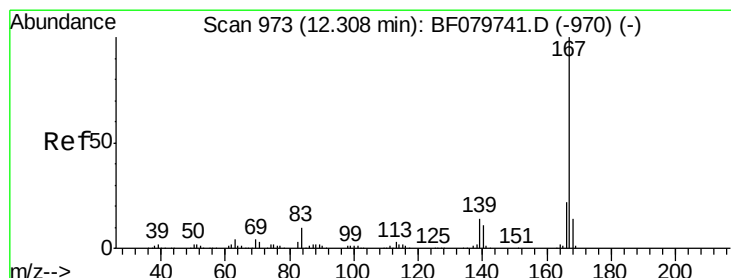
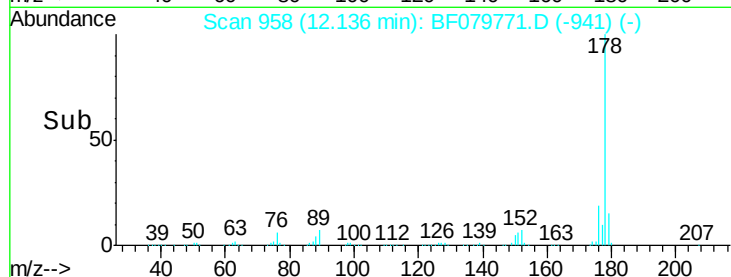
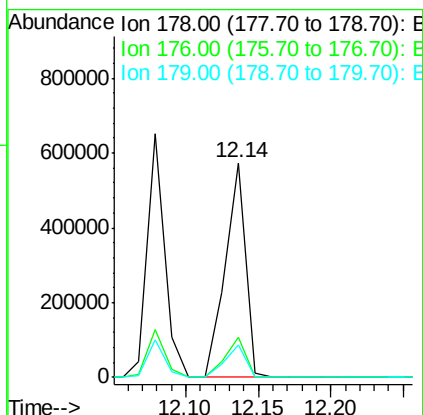
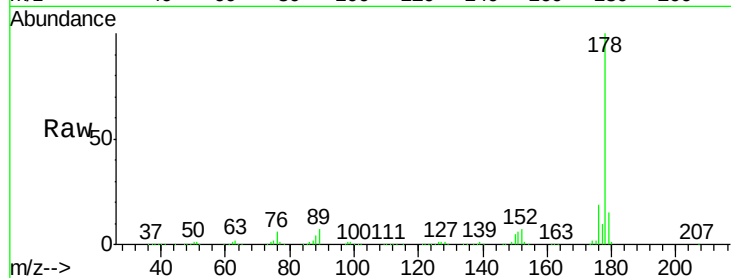




#71
 Anthracene
 Concen: 39.39 ng
 RT: 12.14 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

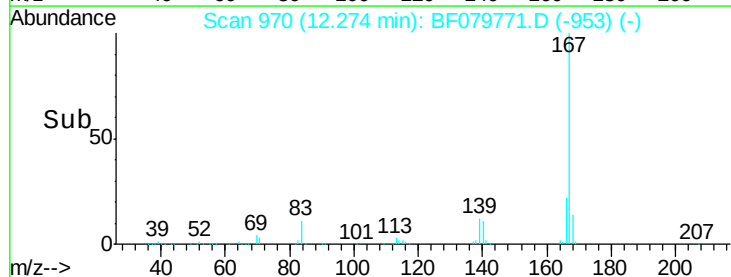
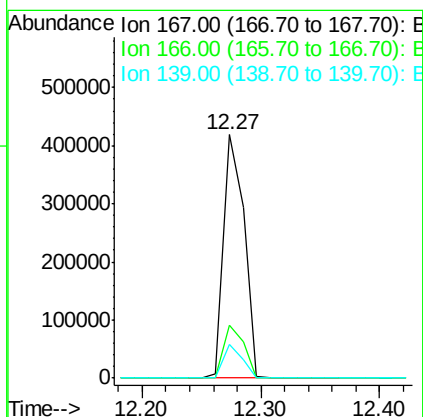
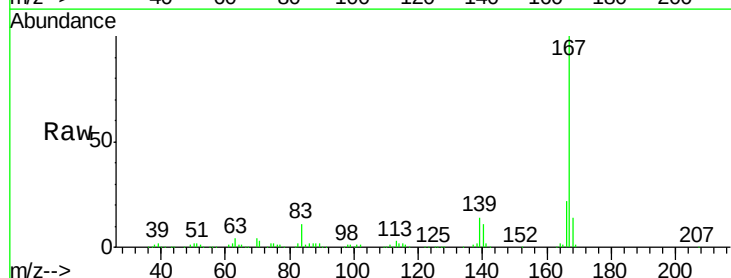
Instrument :
 BNA_F
 ClientSampleId :
 PB83804BS

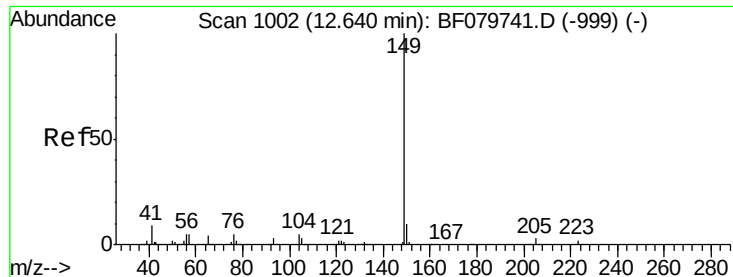
Tgt Ion:178 Resp: 561583
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.8 22.2
 179 15.2 12.2 18.2



#72
 Carbazole
 Concen: 36.62 ng
 RT: 12.27 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Tgt Ion:167 Resp: 496103
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 13.9 9.3 13.9





#73

Di-n-butylphthalate

Concen: 37.93 ng

RT: 12.59 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA_F

ClientSampleId :

PB83804BS

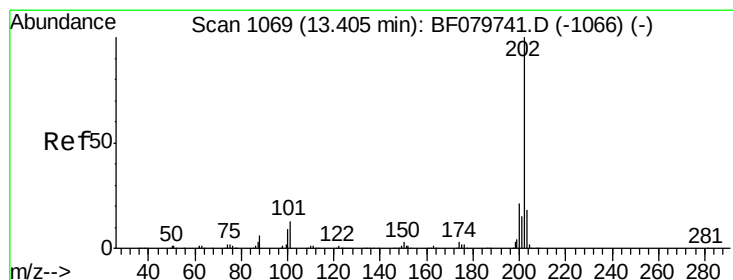
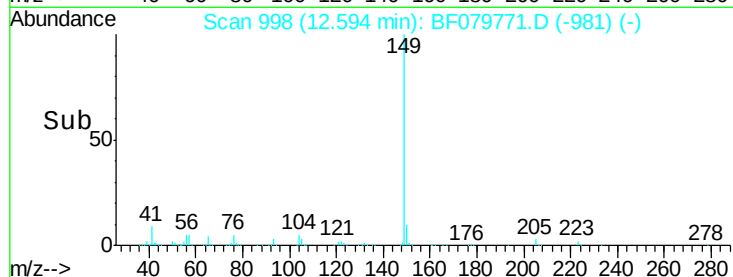
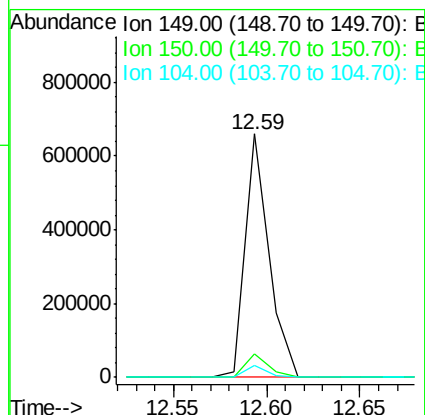
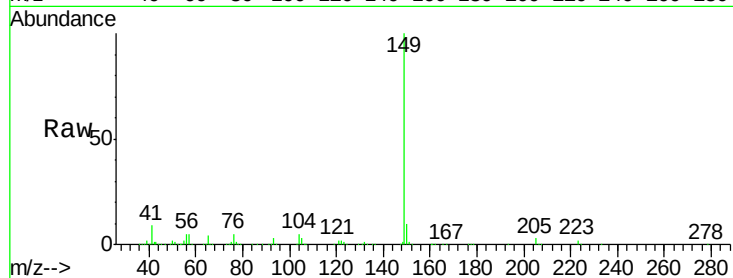
Tgt Ion:149 Resp: 582592

Ion Ratio Lower Upper

149 100

150 9.5 9.8 14.8#

104 5.0 12.9 19.3#



#74

Fluoranthene

Concen: 36.88 ng

RT: 13.33 min Scan# 1062

Delta R.T. 0.01 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

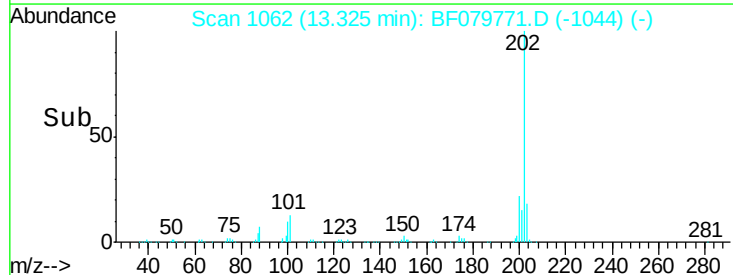
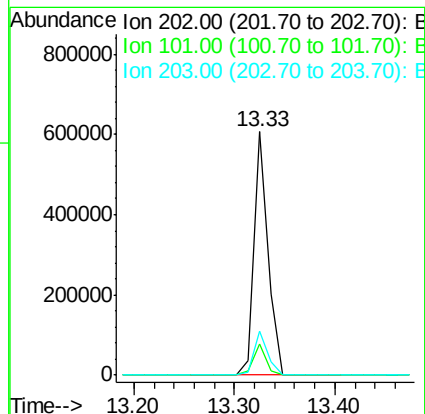
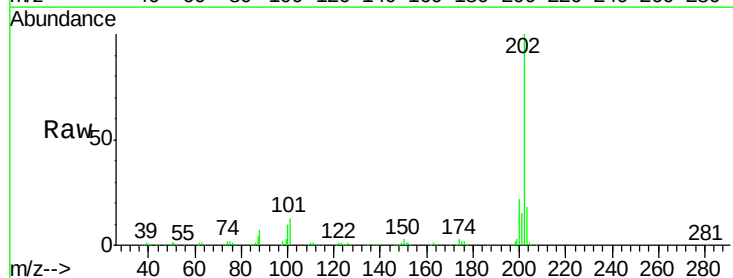
Tgt Ion:202 Resp: 583802

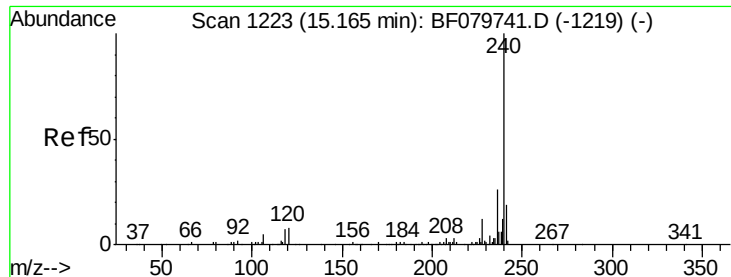
Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.3

203 18.0 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.97 min Scan# 1206

Delta R.T. 0.07 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA_F

ClientSampleId :

PB83804BS

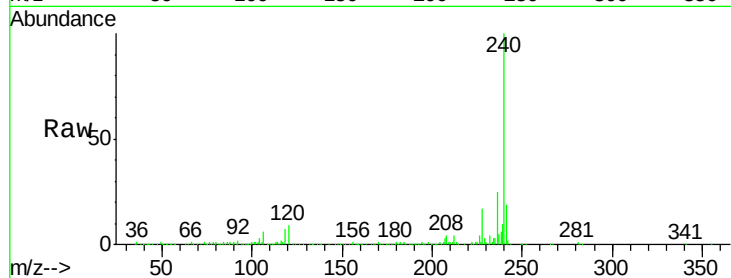
Tgt Ion:240 Resp: 294069

Ion Ratio Lower Upper

240 100

120 8.9 6.2 9.2

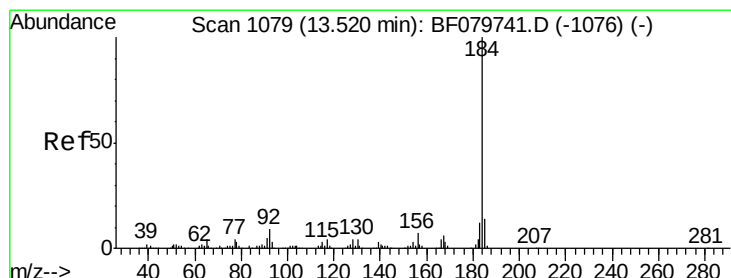
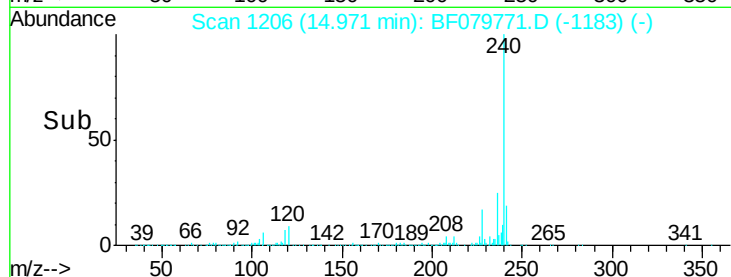
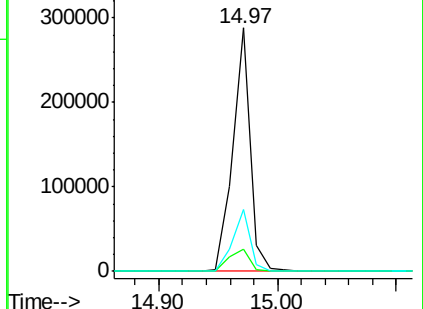
236 25.5 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.16 ng

RT: 13.44 min Scan# 1072

Delta R.T. 0.02 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

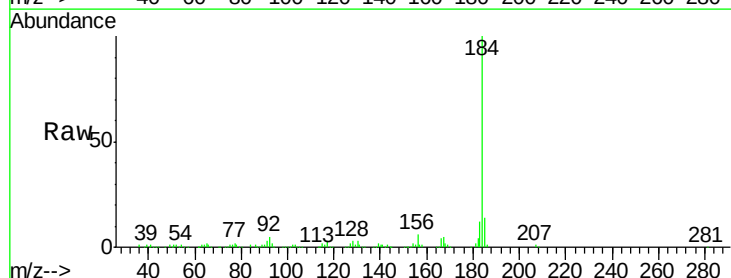
Tgt Ion:184 Resp: 298474

Ion Ratio Lower Upper

184 100

185 13.5 12.2 18.2

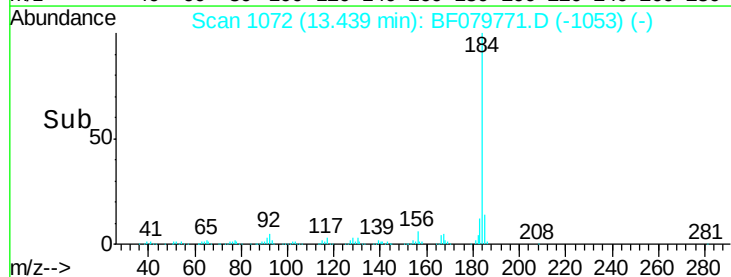
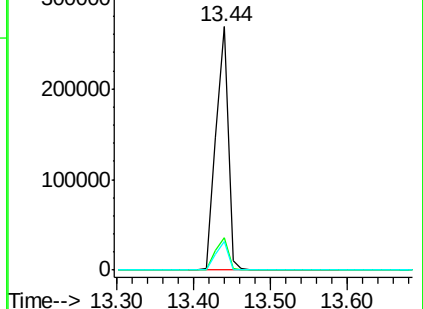
183 11.5 9.3 13.9

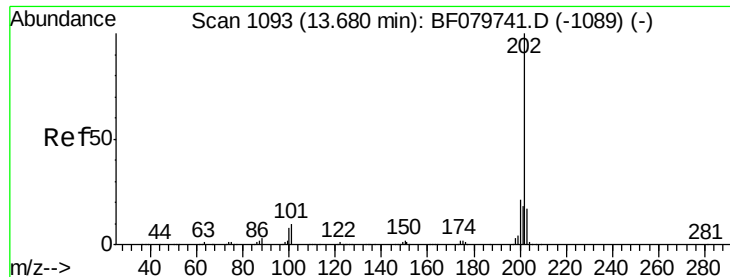


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 34.04 ng

RT: 13.58 min Scan# 1084

Delta R.T. 0.02 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA_F

ClientSampleId :

PB83804BS

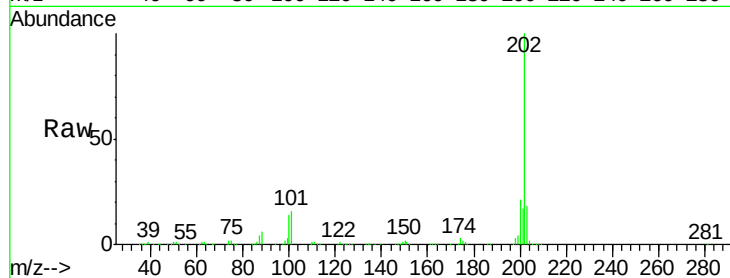
Tgt Ion:202 Resp: 613622

Ion Ratio Lower Upper

202 100

200 20.8 17.5 26.3

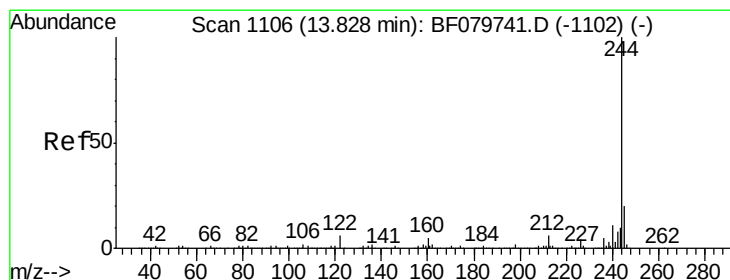
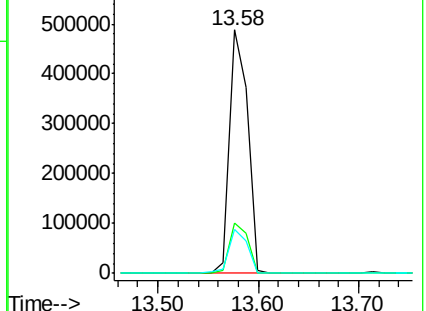
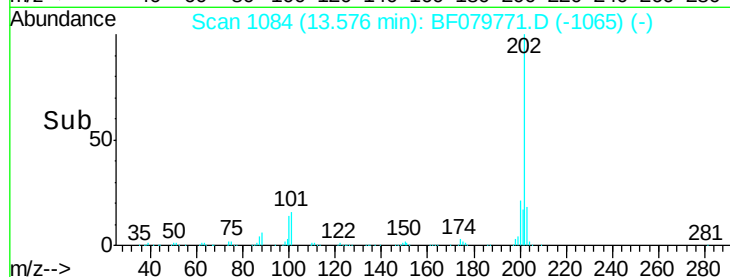
203 18.2 14.8 22.2



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: 73.40 ng

RT: 13.71 min Scan# 1096

Delta R.T. 0.02 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

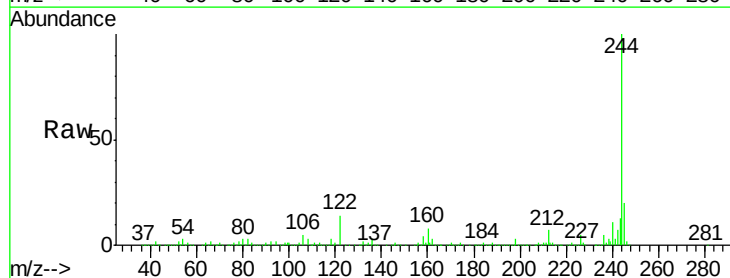
Tgt Ion:244 Resp: 942442

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

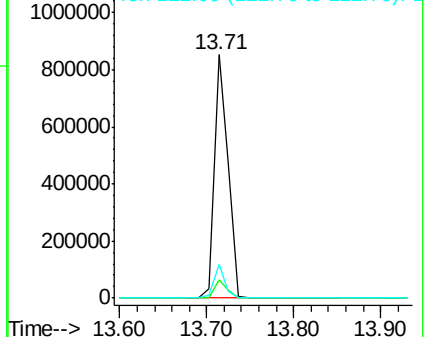
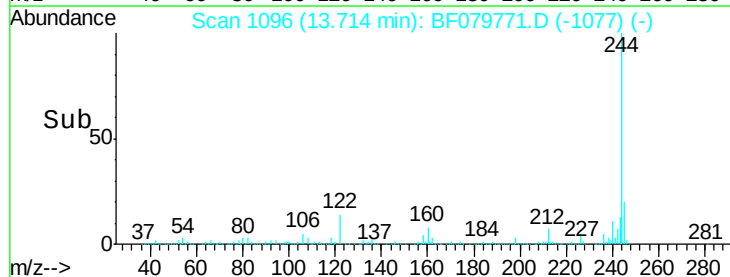
122 13.8 9.3 13.9

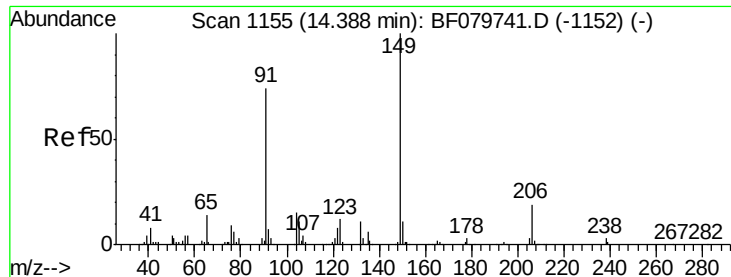


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

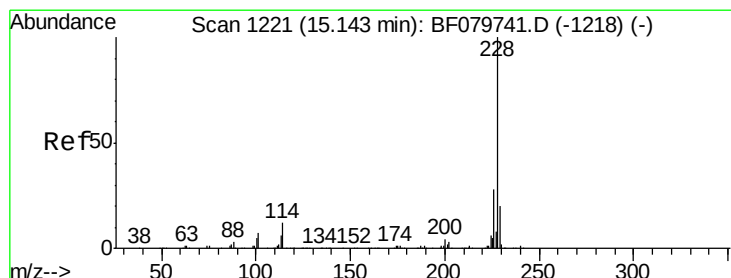
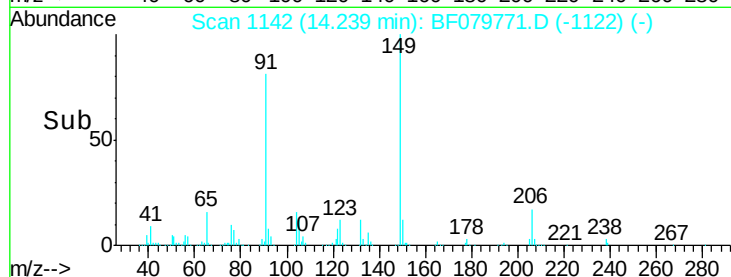
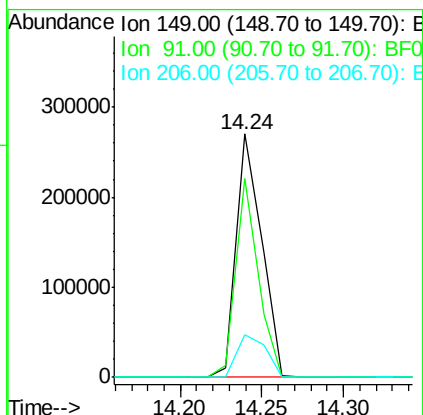
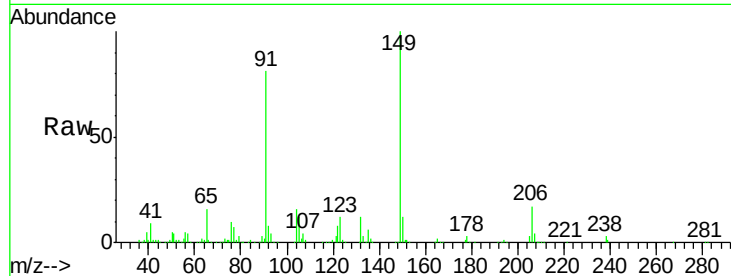




#79
Butylbenzylphthalate
Concen: 40.30 ng
RT: 14.24 min Scan# 1142
Delta R.T. 0.03 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

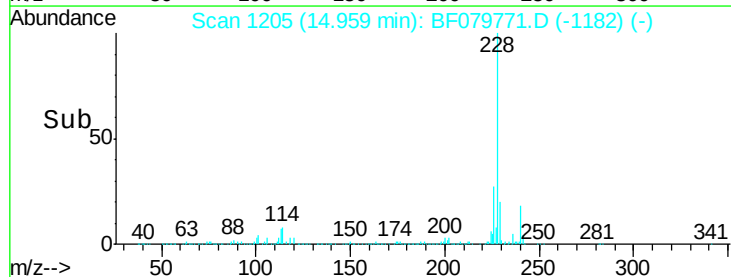
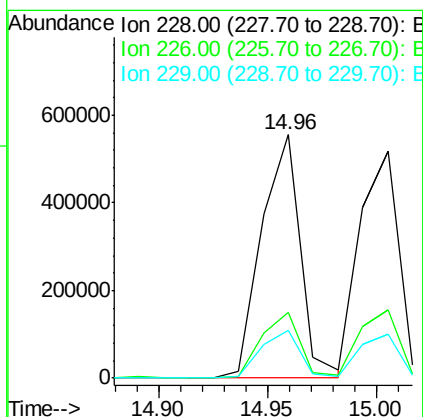
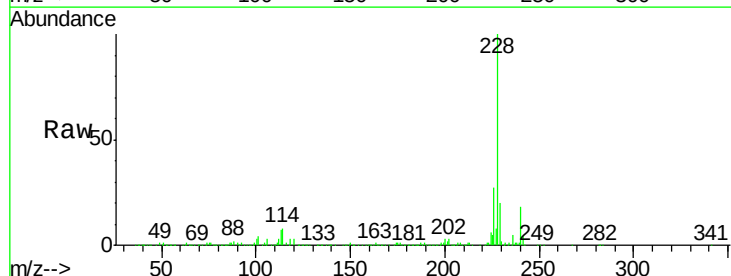
Instrument :
BNA_F
ClientSampleId :
PB83804BS

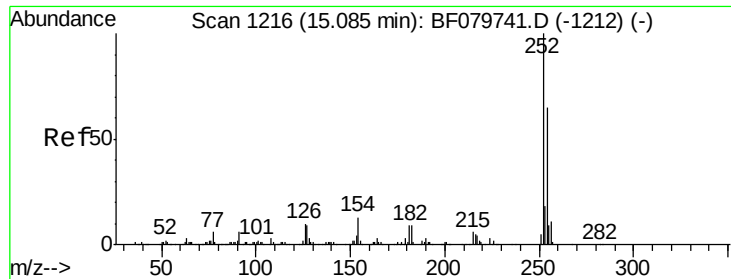
Tgt Ion	Ratio	Lower	Upper
149	100		
91	81.5	64.4	96.6
206	17.4	14.8	22.2



#80
Benzo(a)anthracene
Concen: 38.53 ng
RT: 14.96 min Scan# 1205
Delta R.T. 0.07 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.2	33.4
229	19.8	16.6	25.0

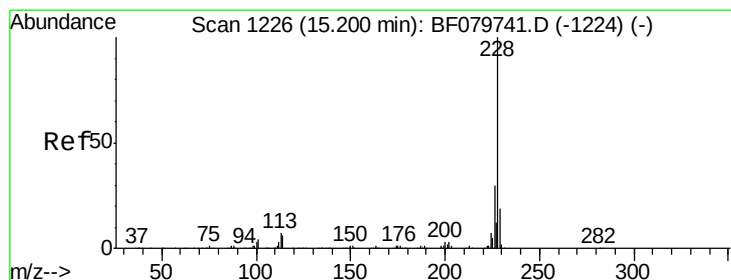
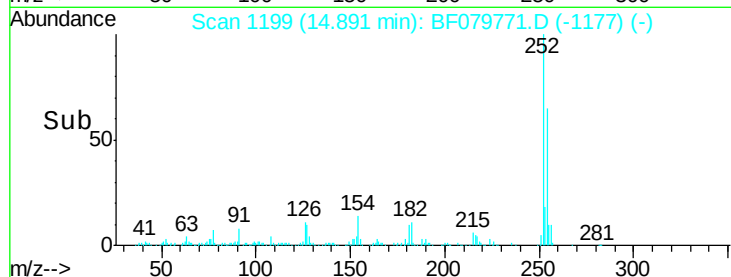
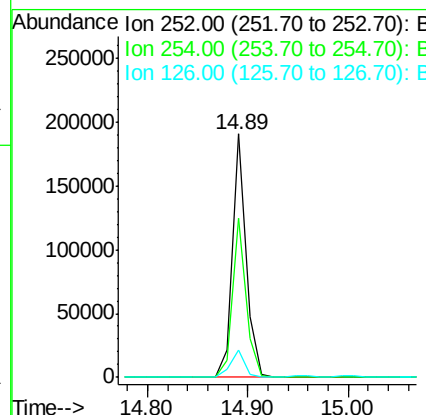
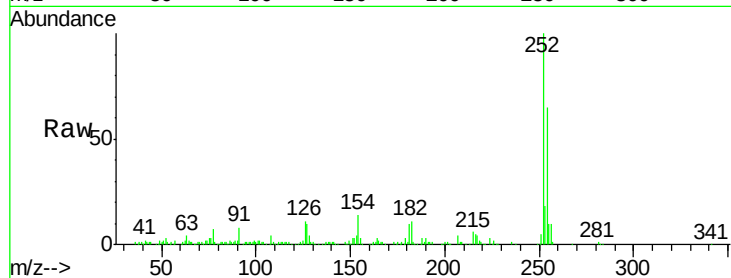




#81
 3,3'-Dichlorobenzidine
 Concen: 29.66 ng
 RT: 14.89 min Scan# 1199
 Delta R.T. 0.06 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

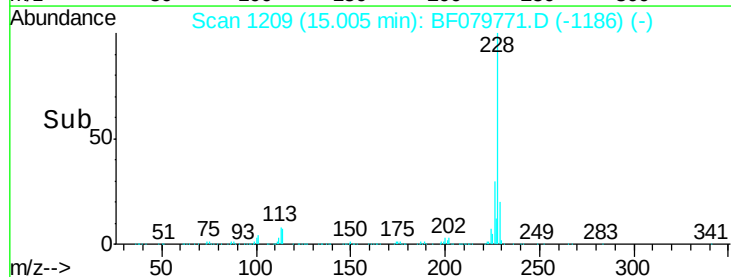
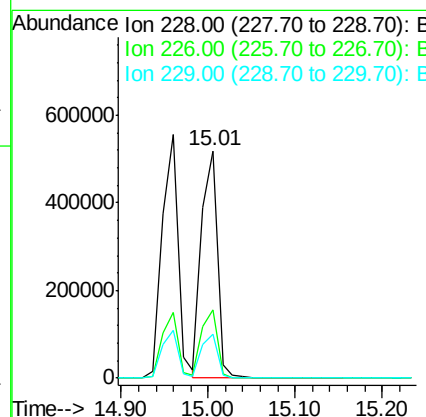
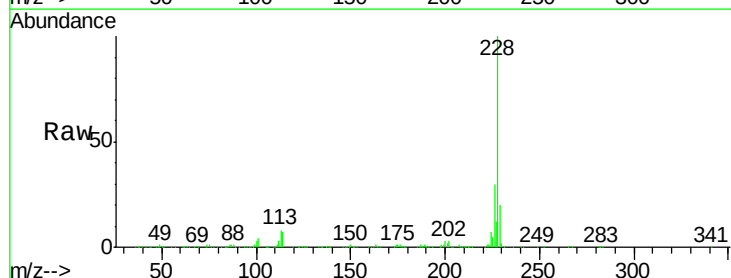
Instrument :
 BNA_F
 ClientSampleId :
 PB83804BS

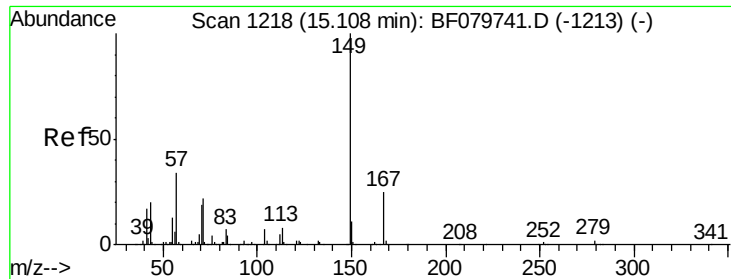
Tgt Ion:252 Resp: 181391
 Ion Ratio Lower Upper
 252 100
 254 65.4 52.0 78.0
 126 11.0 6.9 10.3#



#82
 Chrysene
 Concen: 39.26 ng
 RT: 15.01 min Scan# 1209
 Delta R.T. 0.07 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Tgt Ion:228 Resp: 653354
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.2 37.8
 229 19.6 16.2 24.4

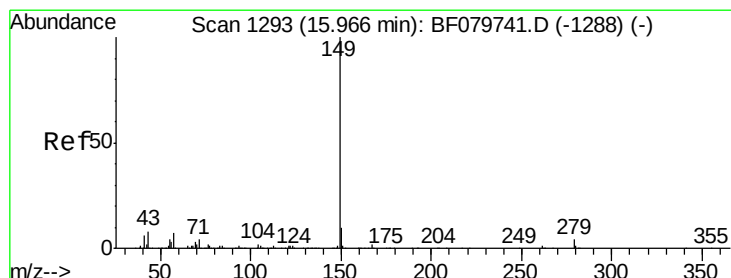
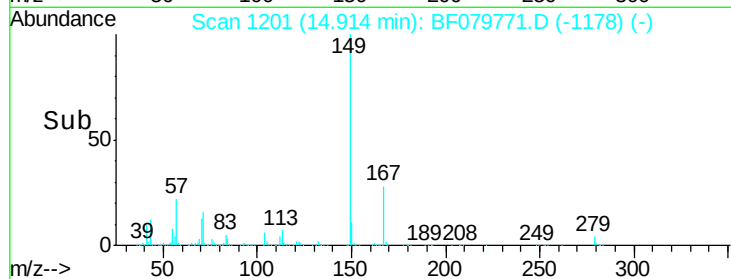
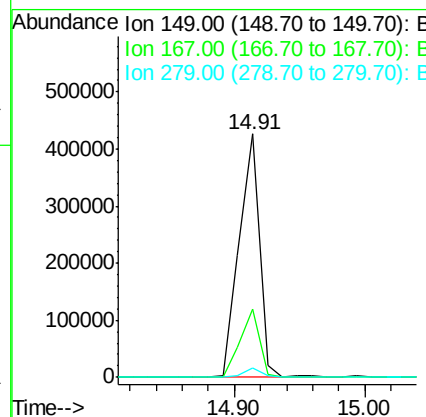
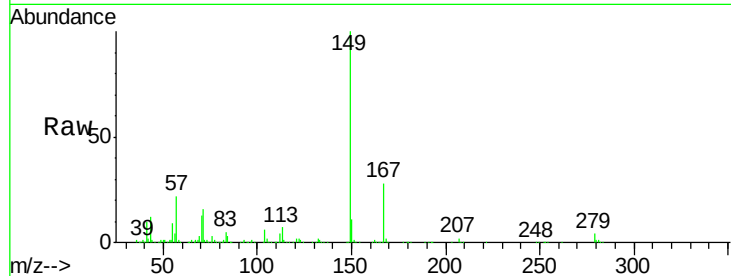




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.48 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. 0.07 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

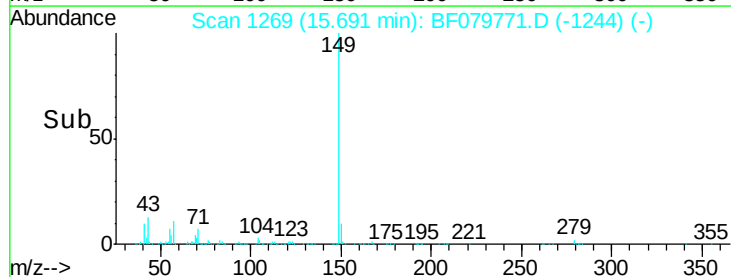
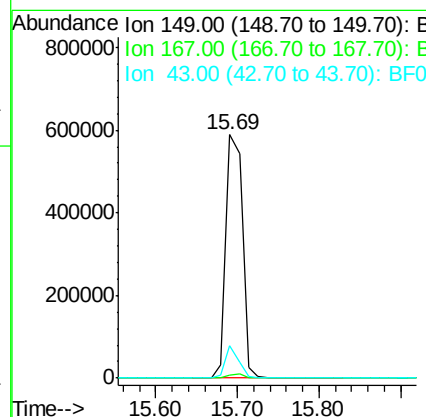
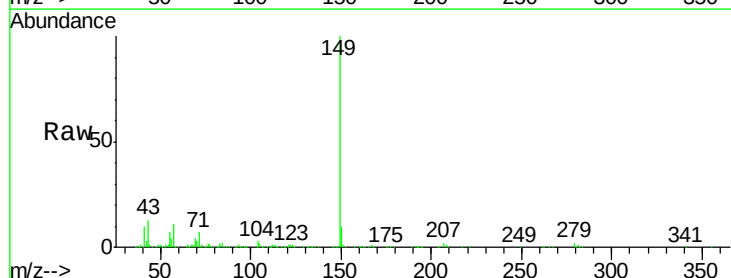
Instrument :
 BNA_F
 ClientSampleId :
 PB83804BS

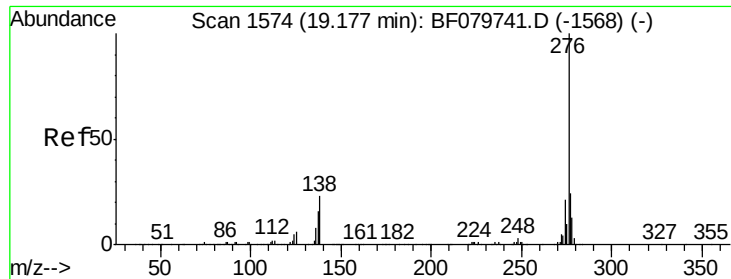
Tgt Ion:149 Resp: 459734
 Ion Ratio Lower Upper
 149 100
 167 28.1 20.9 31.3
 279 3.8 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 41.07 ng
 RT: 15.69 min Scan# 1269
 Delta R.T. 0.09 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Tgt Ion:149 Resp: 821359
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.4 9.0 13.4

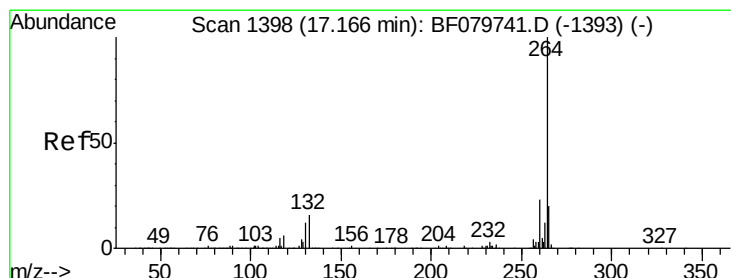
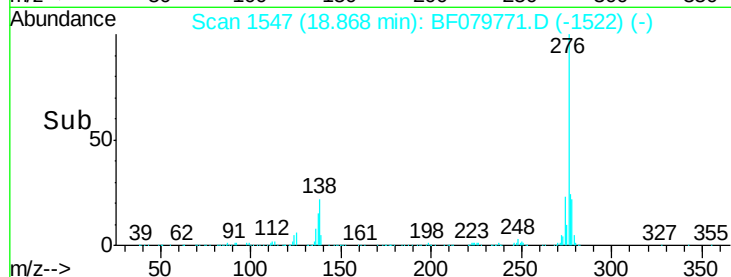
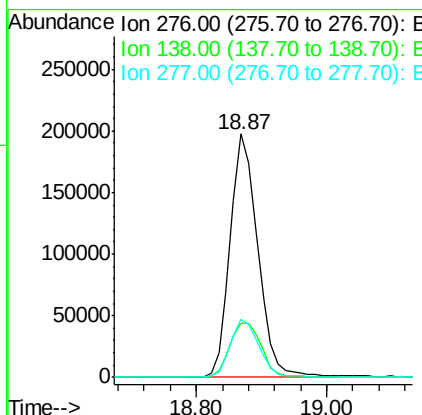
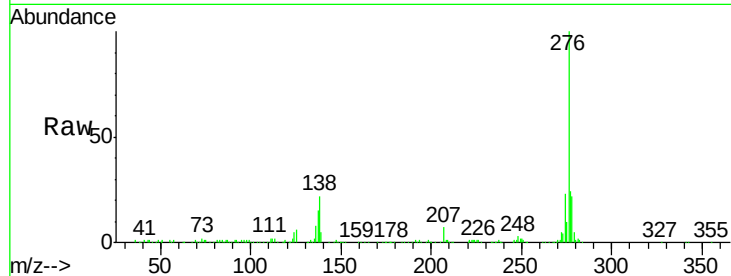




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.17 ng
 RT: 18.87 min Scan# 1547
 Delta R.T. 0.09 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

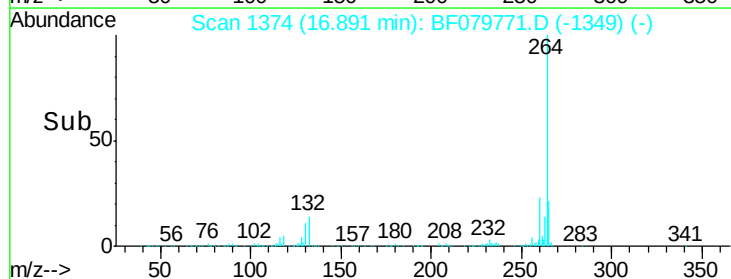
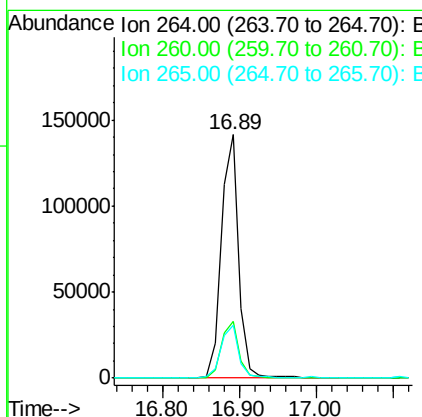
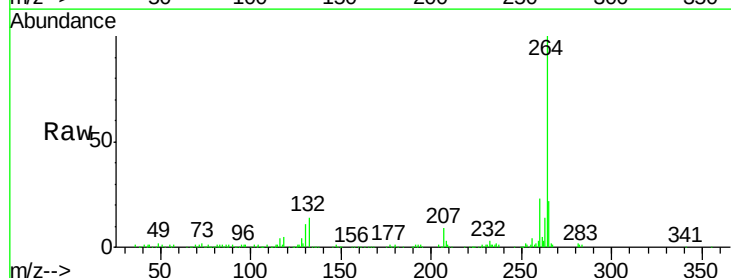
Instrument :
 BNA_F
 ClientSampleId :
 PB83804BS

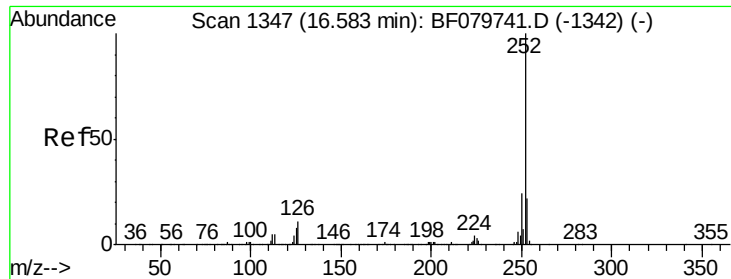
Tgt Ion: 276 Resp: 581130
 Ion Ratio Lower Upper
 276 100
 138 25.7 20.8 31.2
 277 24.9 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.89 min Scan# 1374
 Delta R.T. 0.09 min
 Lab File: BF079771.D
 Acq: 6 Jun 2015 16:17

Tgt Ion: 264 Resp: 225610
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.5 18.2 27.4

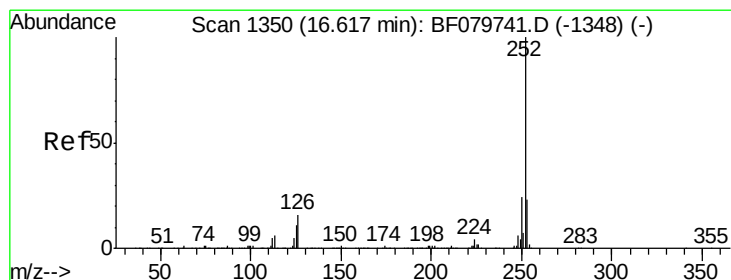
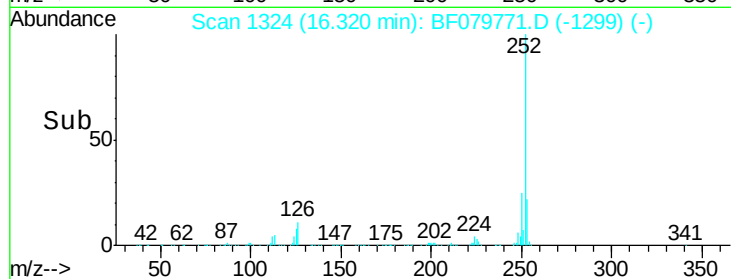
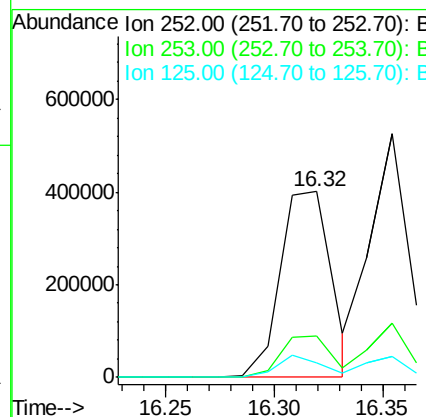
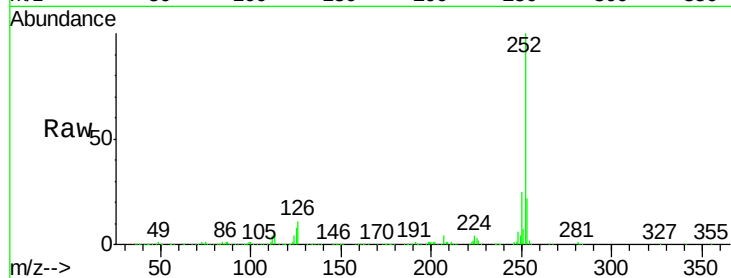




#87
Benzo(b)fluoranthene
Concen: 46.94 ng
RT: 16.32 min Scan# 1324
Delta R.T. 0.09 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

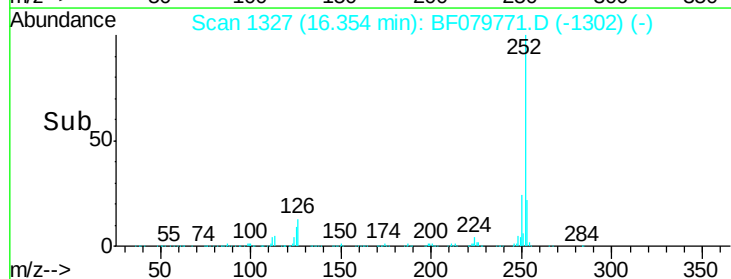
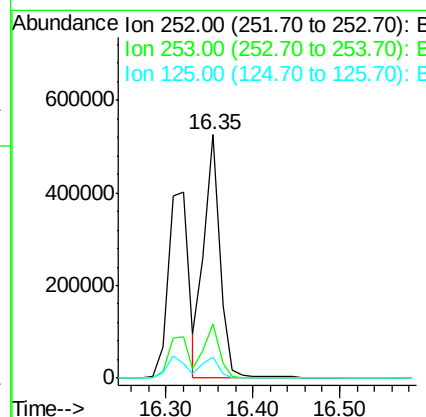
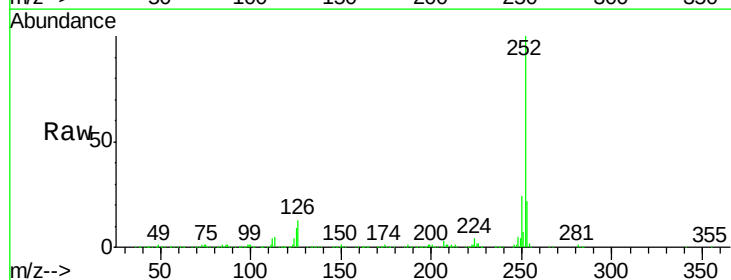
Instrument :
BNA_F
ClientSampleId :
PB83804BS

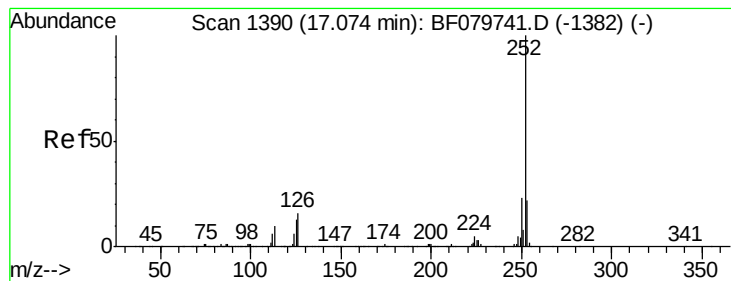
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	8.0	6.5	9.7



#88
Benzo(k)fluoranthene
Concen: 49.70 ng
RT: 16.35 min Scan# 1327
Delta R.T. 0.09 min
Lab File: BF079771.D
Acq: 6 Jun 2015 16:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	8.6	8.4	12.6





#89

Benzo(a)pyrene

Concen: 40.46 ng

RT: 16.80 min Scan# 1366

Delta R.T. 0.08 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA_F

ClientSampleId :

PB83804BS

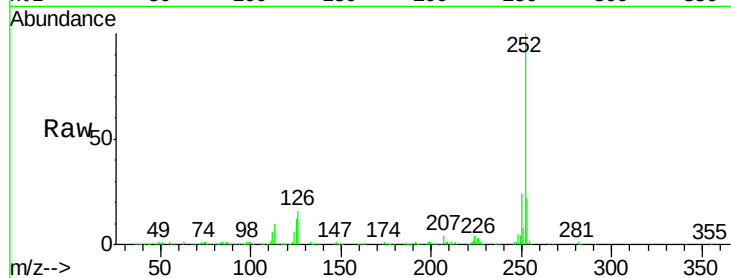
Tgt Ion:252 Resp: 523506

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

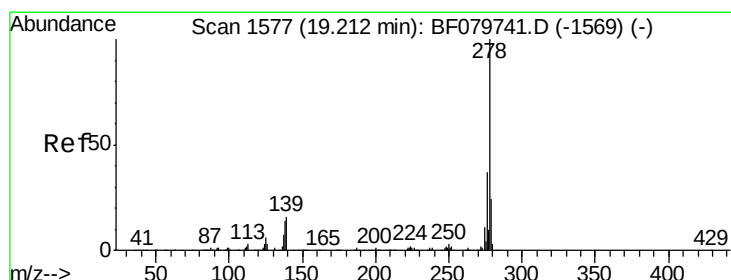
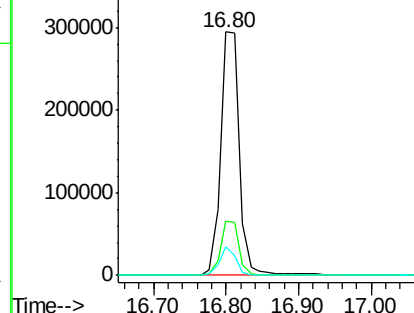
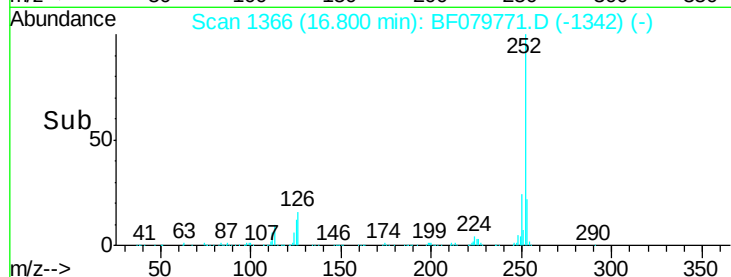
125 11.9 7.4 11.0#



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: 38.54 ng

RT: 18.89 min Scan# 1549

Delta R.T. 0.09 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

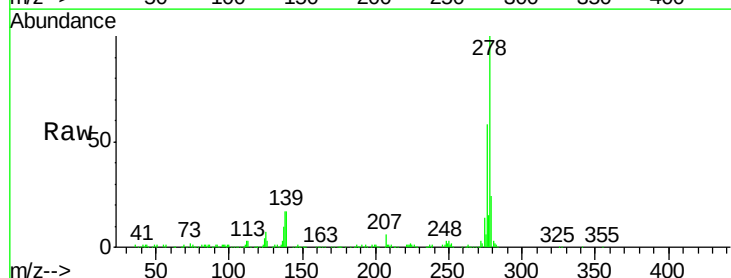
Tgt Ion:278 Resp: 481198

Ion Ratio Lower Upper

278 100

139 16.7 12.7 19.1

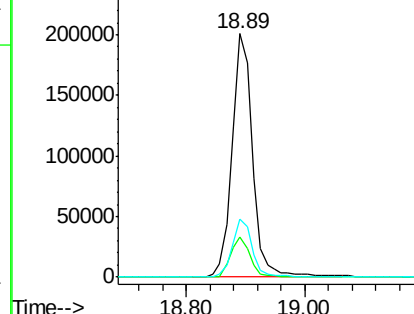
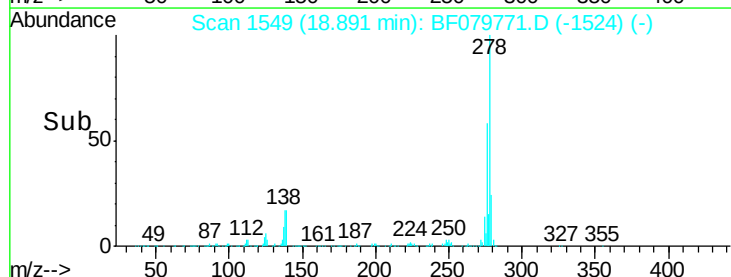
279 24.0 19.4 29.2

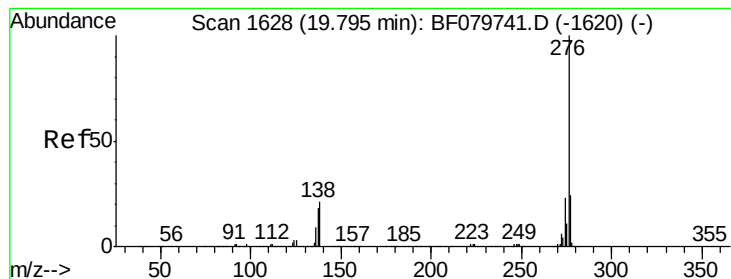


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.86 ng

RT: 19.47 min Scan# 1600

Delta R.T. 0.10 min

Lab File: BF079771.D

Acq: 6 Jun 2015 16:17

Instrument :

BNA_F

ClientSampleId :

PB83804BS

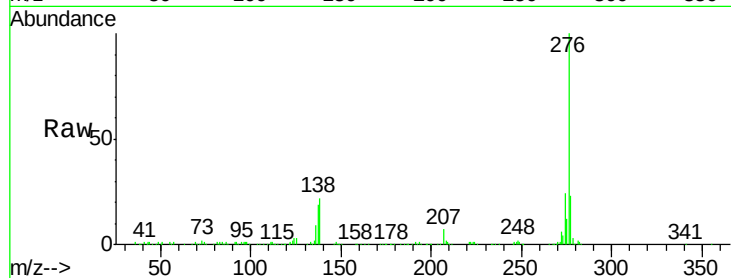
Tgt Ion: 276 Resp: 488807

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 22.0 18.2 27.2



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

