

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF079995.D
 Acq On : 16 Jun 2015 17:26
 Operator : TP/IZ
 Sample : PB84048BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Quant Time: Jun 17 00:48:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 15:44:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	46246	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	190575	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	97689	20.00	ng	0.00
63) Phenanthrene-d10	11.92	188	197849	20.00	ng	0.00
75) Chrysene-d12	14.91	240	217108	20.00	ng	0.00
86) Perylene-d12	16.81	264	204334	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.97	112	348430	138.15	ng	0.01
7) Phenol-d6	6.95	99	459902	133.85	ng	0.00
23) Nitrobenzene-d5	7.91	82	276017	95.56	ng	0.00
41) 2,4,6-Tribromophenol	11.21	330	123772	125.89	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	563378	80.75	ng	0.00
78) Terphenyl-d14	13.61	244	730731	77.60	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	41570	36.23	ng	99
3) Pyridine	4.07	79	113548	38.62	ng	99
4) n-Nitrosodimethylamine	3.98	42	60593	41.82	ng	# 96
6) Aniline	7.01	93	146778	29.52	ng	99
8) 2-Chlorophenol	7.13	128	134578	43.90	ng	96
9) Benzaldehyde	6.89	77	76773	38.87	ng	98
10) Phenol	6.96	94	152167	40.27	ng	84
11) bis(2-Chloroethyl)ether	7.06	93	118959	39.12	ng	90
12) 1,3-Dichlorobenzene	7.29	146	145175	40.60	ng	98
13) 1,4-Dichlorobenzene	7.37	146	147794	39.79	ng	97
14) 1,2-Dichlorobenzene	7.52	146	132726	40.23	ng	97
15) Benzyl Alcohol	7.48	79	124867	45.32	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.61	45	182324	40.48	ng	99
17) 2-Methylphenol	7.58	107	107943	40.31	ng	96
18) Hexachloroethane	7.88	117	49384	42.94	ng	95
19) n-Nitroso-di-n-propylamine	7.74	70	91619	37.32	ng	94
20) 3+4-Methylphenols	7.73	107	146141	42.70	ng	97
22) Acetophenone	7.75	105	195424	43.42	ng	# 95
24) Nitrobenzene	7.92	77	129817	42.25	ng	96
25) Isophorone	8.16	82	261291	38.87	ng	97
26) 2-Nitrophenol	8.25	139	51509	47.71	ng	95
27) 2,4-Dimethylphenol	8.26	122	119223	39.58	ng	95
28) bis(2-Chloroethoxy)methane	8.37	93	176088	44.12	ng	99
29) 2,4-Dichlorophenol	8.49	162	108247	42.90	ng	86
30) 1,2,4-Trichlorobenzene	8.58	180	119862	37.38	ng	99
31) Naphthalene	8.66	128	405017	38.88	ng	100
32) Benzoic acid	8.32	122	44877	39.90	ng	93
33) 4-Chloroaniline	8.70	127	94265	23.31	ng	97
34) Hexachlorobutadiene	8.79	225	67175	37.73	ng	98
35) Caprolactam	9.03	113	32219	40.37	ng	# 61
36) 4-Chloro-3-methylphenol	9.17	107	121106	42.02	ng	90
37) 2-Methylnaphthalene	9.36	142	289679	41.16	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	121792	37.23	ng	98
40) Hexachlorocyclopentadiene	9.52	237	123272	83.16	ng	99

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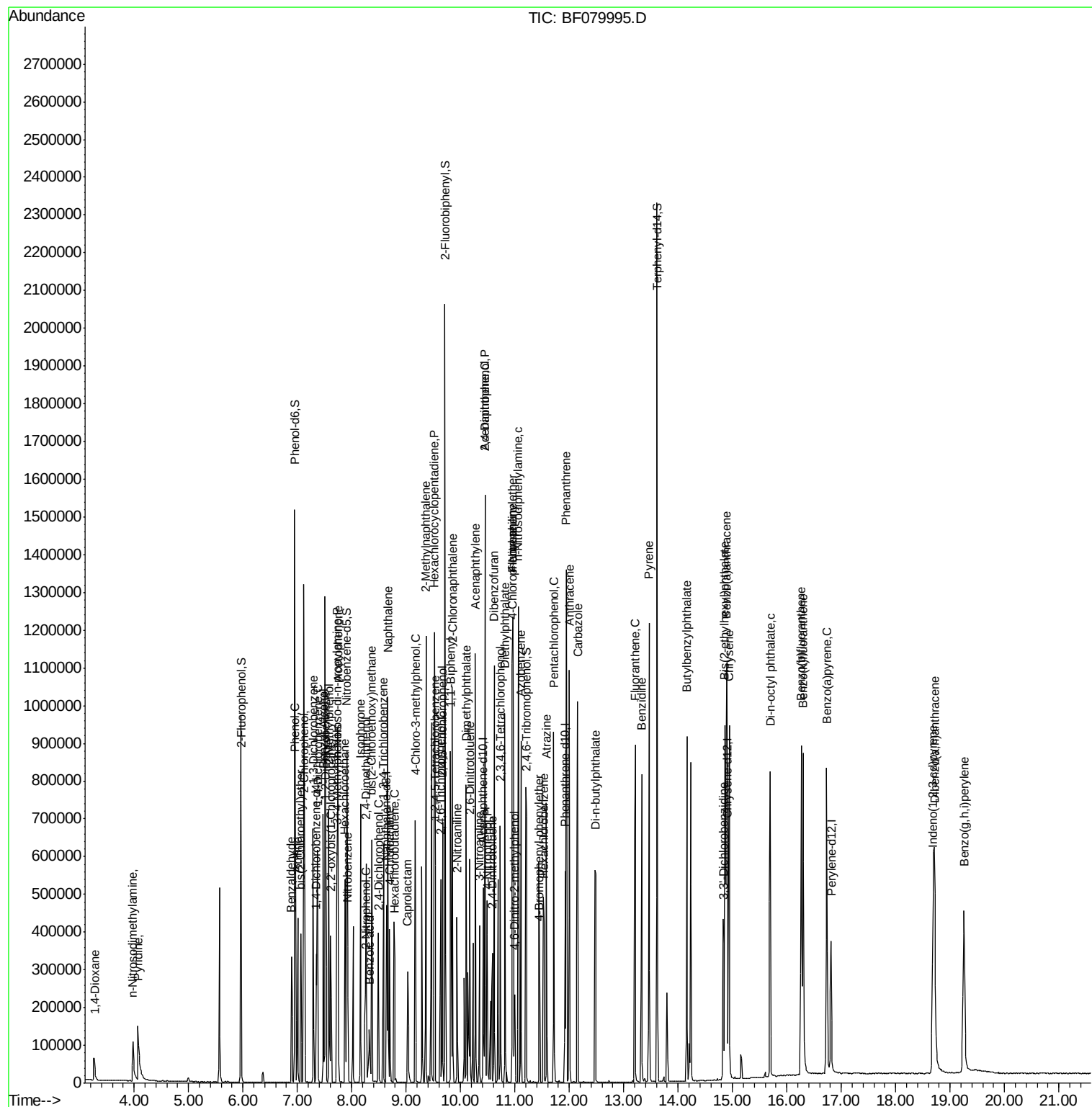
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.64	196	82125	40.74	ng	99
43) 2,4,5-Trichlorophenol	9.67	196	92450	41.54	ng	98
45) 1,1'-Biphenyl	9.82	154	313549	39.66	ng	98
46) 2-Chloronaphthalene	9.85	162	262347	38.98	ng	100
47) 2-Nitroaniline	9.93	65	68422	47.38	ng	97
48) Acenaphthylene	10.28	152	439321	38.66	ng	99
49) Dimethylphthalate	10.10	163	293006	37.44	ng	100
50) 2,6-Dinitrotoluene	10.17	165	62837	44.19	ng	98
51) Acenaphthene	10.45	154	266635	41.29	ng	96
52) 3-Nitroaniline	10.34	138	51790	30.88	ng	93
53) 2,4-Dinitrophenol	10.45	184	34682	98.41	ng	# 1
54) Dibenzofuran	10.62	168	382712	40.56	ng	100
55) 4-Nitrophenol	10.49	139	102332	81.86	ng	# 63
56) 2,4-Dinitrotoluene	10.58	165	77411	41.56	ng	97
57) Fluorene	10.96	166	293701	35.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.73	232	78379	46.47	ng	99
59) Diethylphthalate	10.81	149	315106	40.27	ng	100
60) 4-Chlorophenyl-phenylether	10.95	204	144548	39.35	ng	96
61) 4-Nitroaniline	10.96	138	70580	39.31	ng	94
62) Azobenzene	11.11	77	305332	40.55	ng	97
64) 4,6-Dinitro-2-methylphenol	11.00	198	32521	67.03	ng	92
65) n-Nitrosodiphenylamine	11.06	169	271244	42.47	ng	100
66) 4-Bromophenyl-phenylether	11.45	248	82878	37.38	ng	# 90
67) Hexachlorobenzene	11.53	284	90880	37.58	ng	# 84
68) Atrazine	11.58	200	75618	38.47	ng	92
69) Pentachlorophenol	11.72	266	101097	88.26	ng	97
70) Phenanthrene	11.94	178	468941	39.77	ng	100
71) Anthracene	12.00	178	475658	41.69	ng	99
72) Carbazole	12.15	167	427602	38.64	ng	99
73) Di-n-butylphthalate	12.48	149	447183	37.09	ng	99
74) Fluoranthene	13.21	202	494922	37.97	ng	96
76) Benzidine	13.33	184	325666	54.17	ng	99
77) Pyrene	13.46	202	510754	37.46	ng	99
79) Butylbenzylphthalate	14.16	149	203274	44.15	ng	# 84
80) Benzo(a)anthracene	14.89	228	512751	37.19	ng	100
81) 3,3'-Dichlorobenzidine	14.84	252	134801	30.58	ng	# 98
82) Chrysene	14.94	228	459920	37.52	ng	99
83) Bis(2-ethylhexyl)phthalate	14.86	149	305398	41.44	ng	# 94
84) Di-n-octyl phthalate	15.69	149	495545	41.23	ng	99
85) Indeno(1,2,3-cd)pyrene	18.69	276	525802	36.42	ng	98
87) Benzo(b)fluoranthene	16.27	252	504549	40.30	ng	98
88) Benzo(k)fluoranthene	16.30	252	461065	36.11	ng	98
89) Benzo(a)pyrene	16.73	252	476848	40.05	ng	98
90) Dibenzo(a,h)anthracene	18.71	278	437751	37.40	ng	98
91) Benzo(g,h,i)perylene	19.26	276	450166	37.17	ng	97

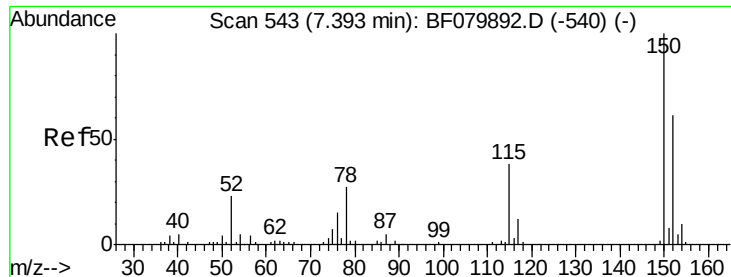
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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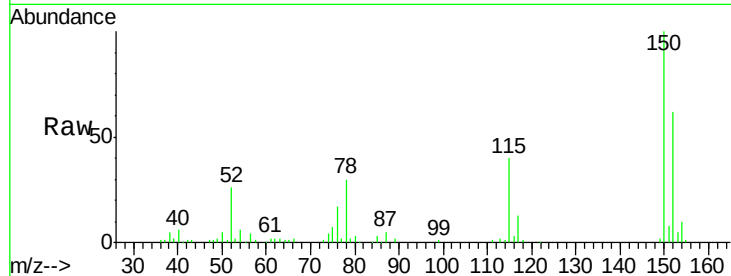


#1

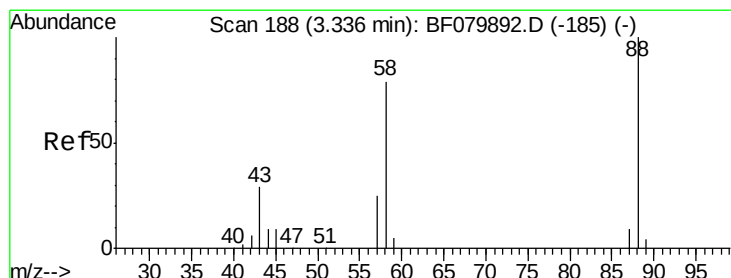
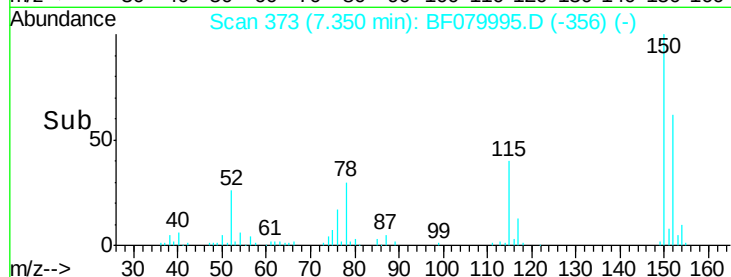
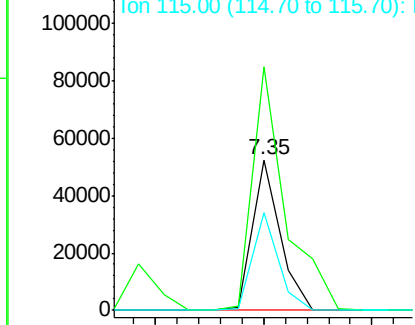
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84048BS

Tgt Ion:152 Resp: 46246
Ion Ratio Lower Upper
152 100
150 161.9 131.0 196.4
115 64.7 49.8 74.6



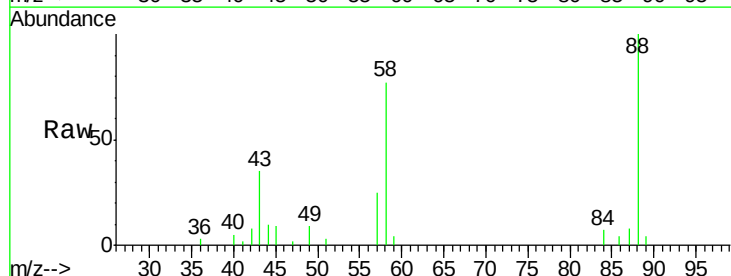
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



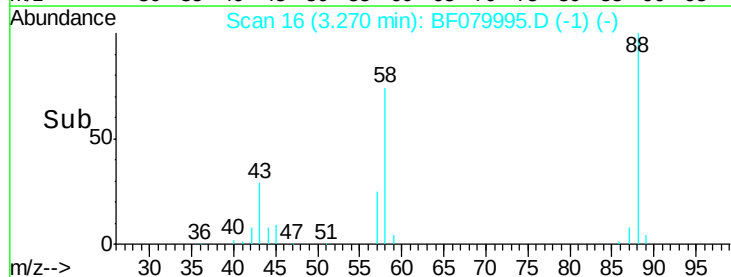
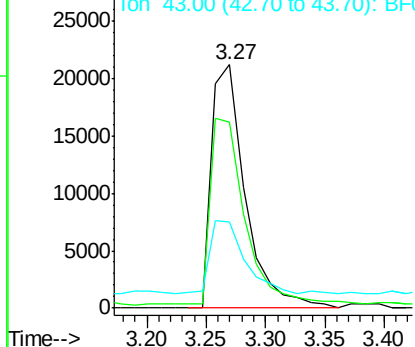
#2

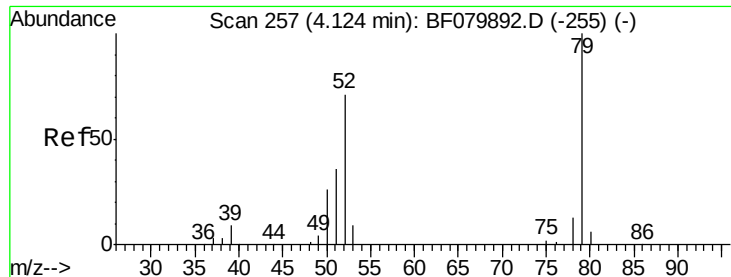
1,4-Dioxane
Concen: 36.23 ng
RT: 3.27 min Scan# 16
Delta R.T. 0.02 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion: 88 Resp: 41570
Ion Ratio Lower Upper
88 100
58 78.9 63.0 94.4
43 31.5 23.2 34.8



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: 38.62 ng

RT: 4.07 min Scan# 86

Delta R.T. 0.01 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB84048BS

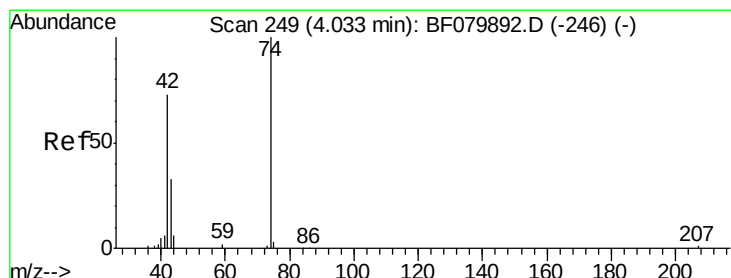
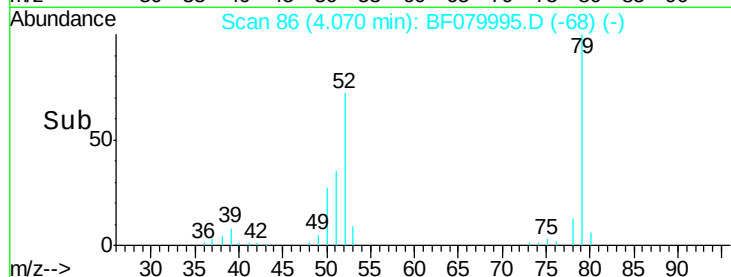
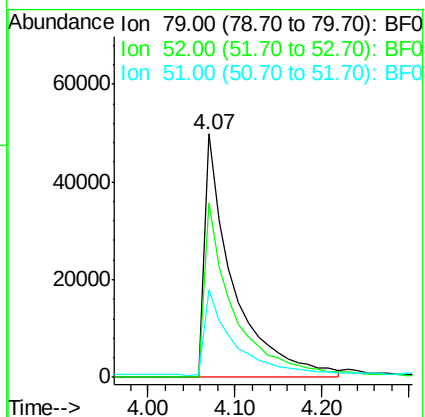
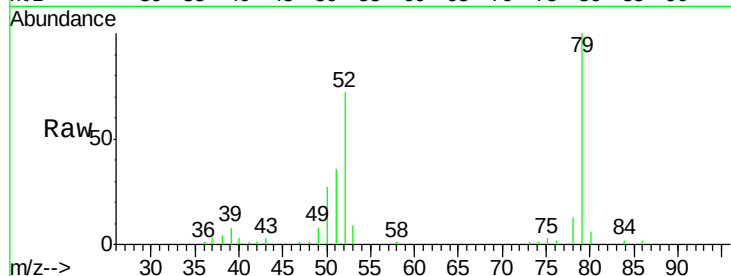
Tgt Ion: 79 Resp: 113548

Ion Ratio Lower Upper

79 100

52 71.6 56.7 85.1

51 35.8 29.8 44.6



#4

n-Nitrosodimethylamine

Concen: 41.82 ng

RT: 3.98 min Scan# 78

Delta R.T. 0.01 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

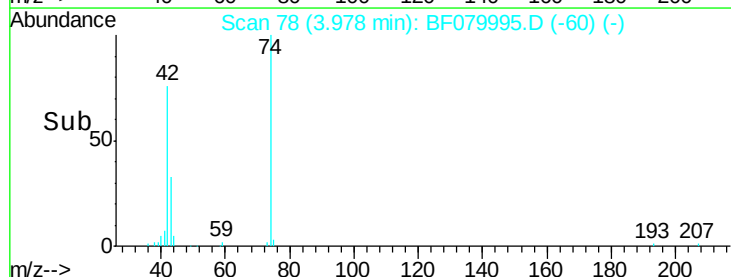
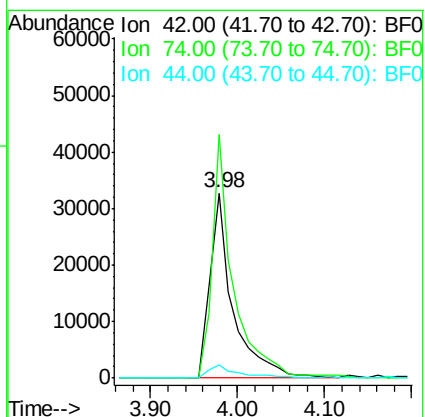
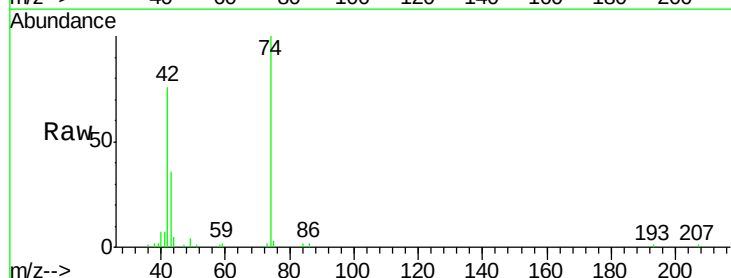
Tgt Ion: 42 Resp: 60593

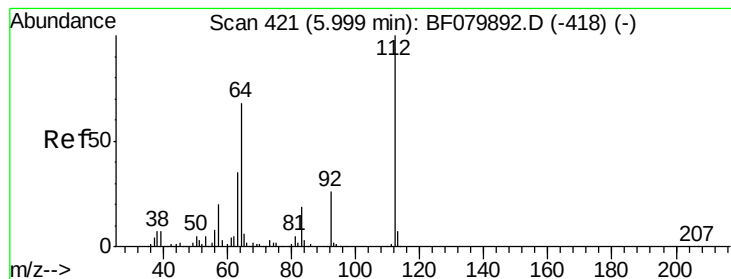
Ion Ratio Lower Upper

42 100

74 131.3 109.0 163.6

44 7.0 7.7 11.5#





#5

2-Fluorophenol

Concen: 138.15 ng

RT: 5.97 min Scan# 252

Delta R.T. 0.01 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB84048BS

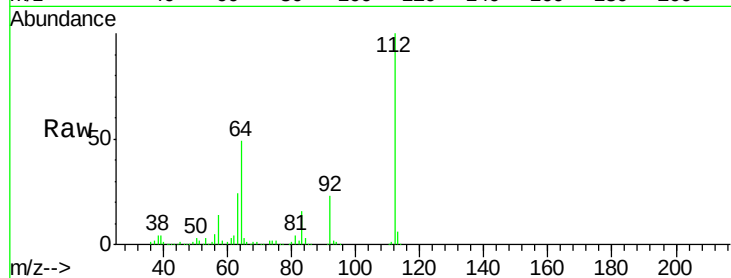
Tgt Ion: 112 Resp: 348430

Ion Ratio Lower Upper

112 100

64 49.2 54.5 81.7#

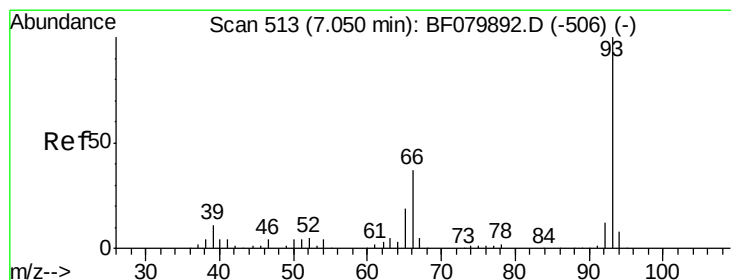
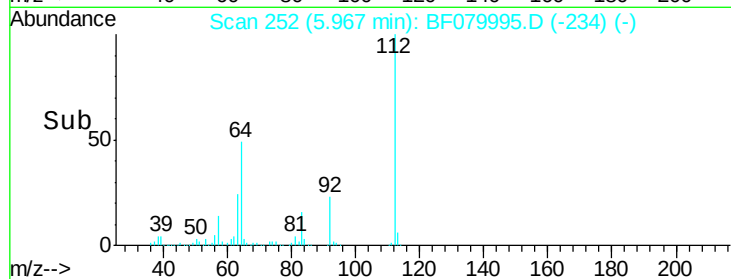
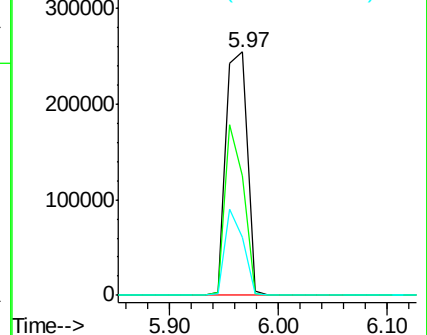
63 24.1 27.9 41.9#



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: 29.52 ng

RT: 7.01 min Scan# 343

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

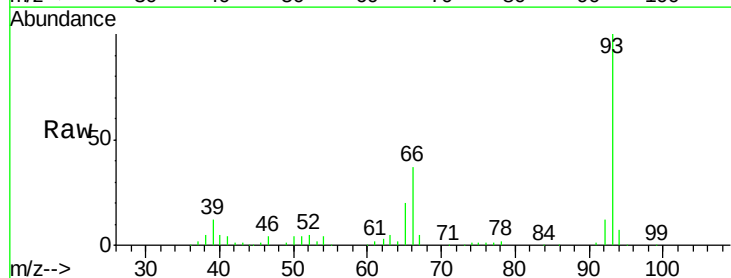
Tgt Ion: 93 Resp: 146778

Ion Ratio Lower Upper

93 100

66 37.1 29.4 44.0

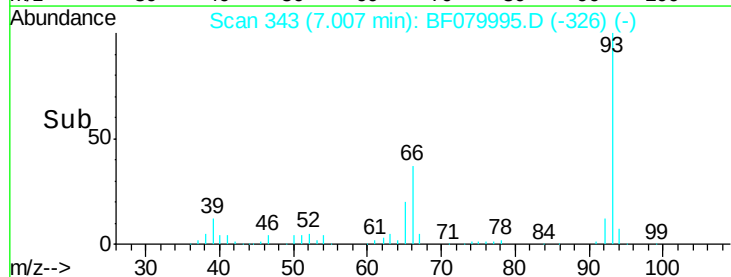
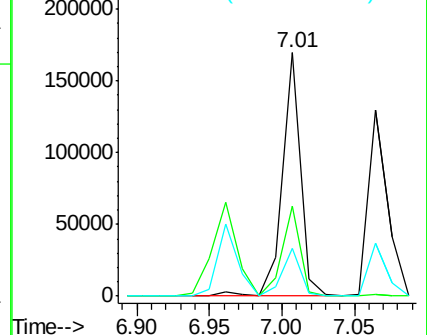
65 19.6 14.9 22.3

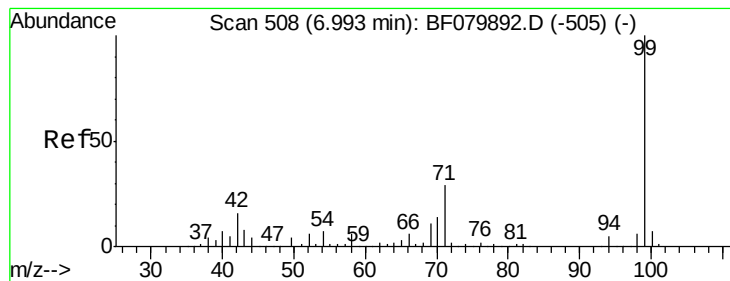


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.85 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.00 min

Lab File: BF079995.D

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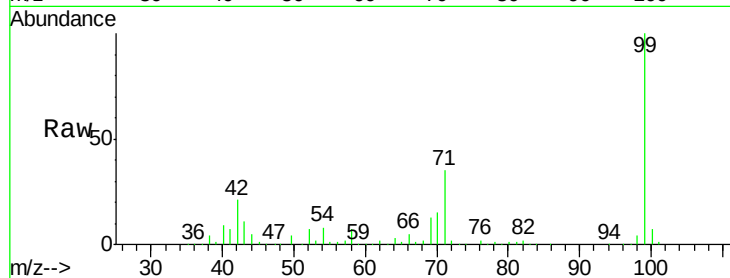
Tgt Ion: 99 Resp: 459902

Ion Ratio Lower Upper

99 100

42 21.1 12.9 19.3#

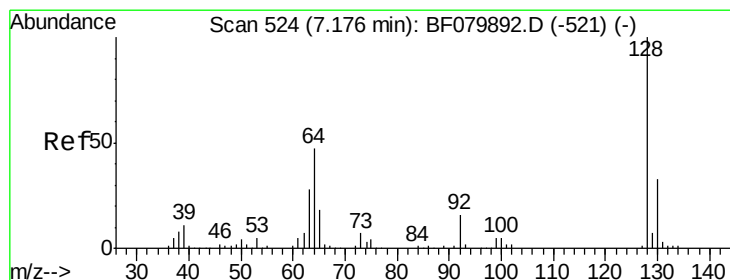
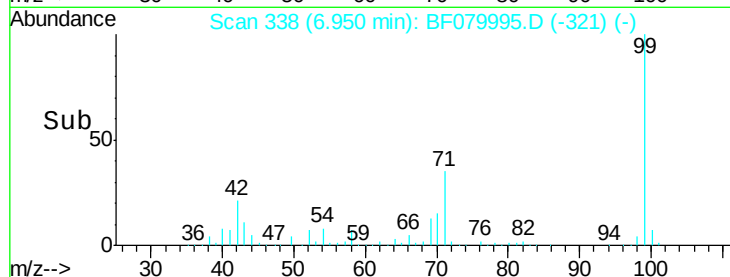
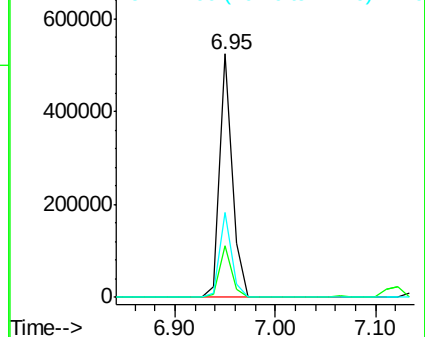
71 34.8 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.90 ng

RT: 7.13 min Scan# 354

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

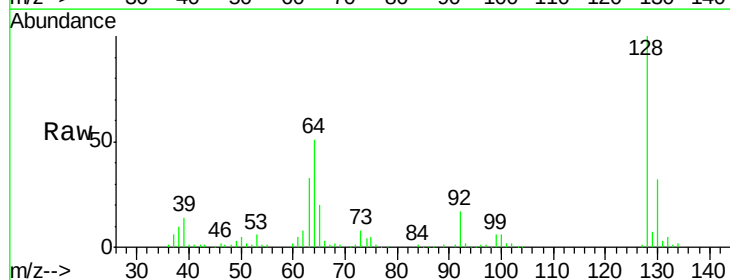
Tgt Ion: 128 Resp: 134578

Ion Ratio Lower Upper

128 100

130 32.4 13.1 53.1

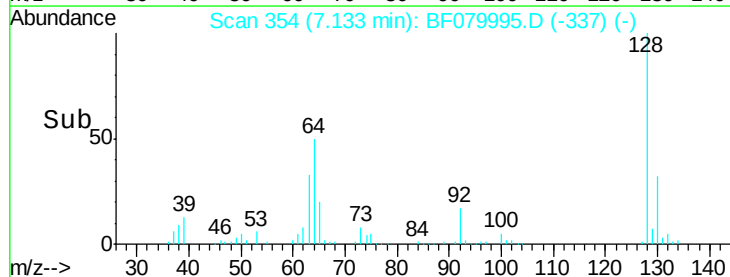
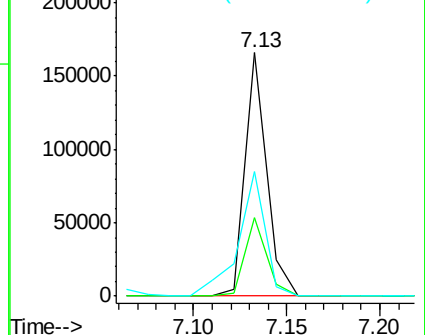
64 50.9 26.8 66.8

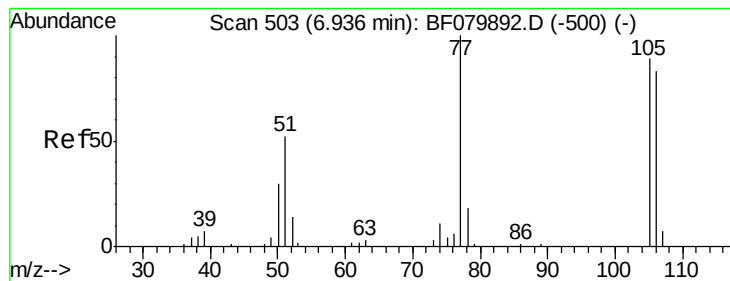


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.87 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.00 min

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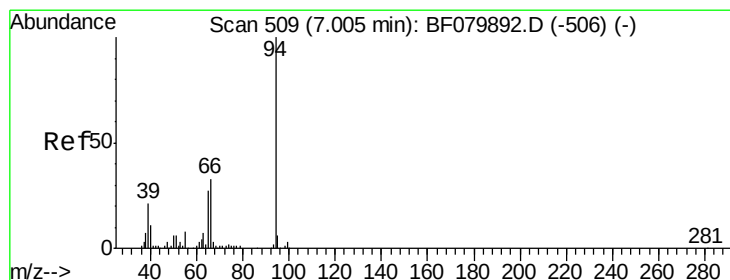
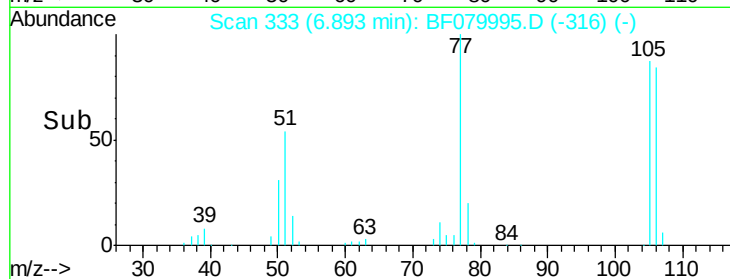
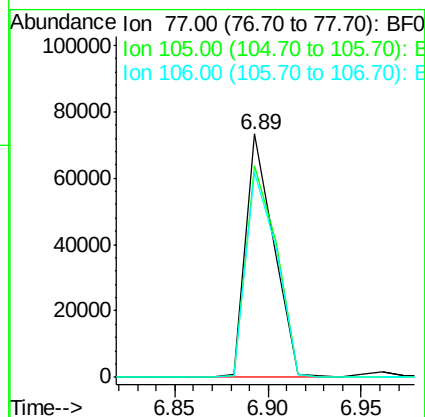
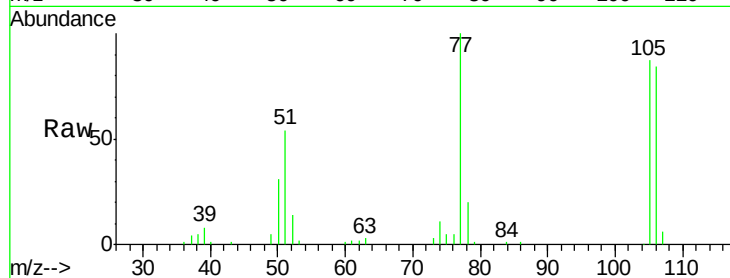
Tgt Ion: 77 Resp: 76773

Ion Ratio Lower Upper

77 100

105 86.7 68.6 108.6

106 84.1 63.3 103.3



#10

Phenol

Concen: 40.27 ng

RT: 6.96 min Scan# 339

Delta R.T. -0.00 min

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Acq: 16 Jun 2015 17:26

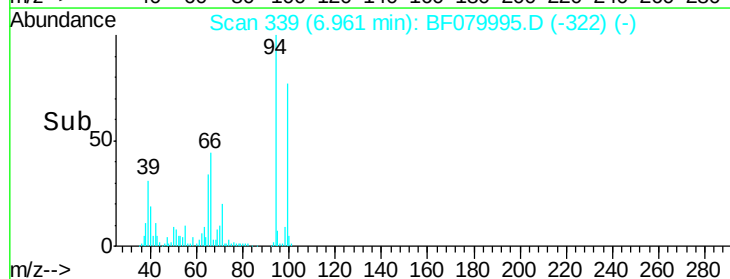
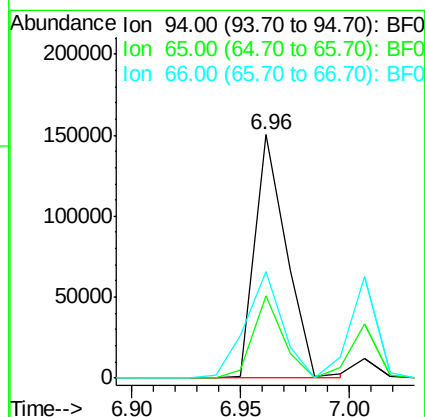
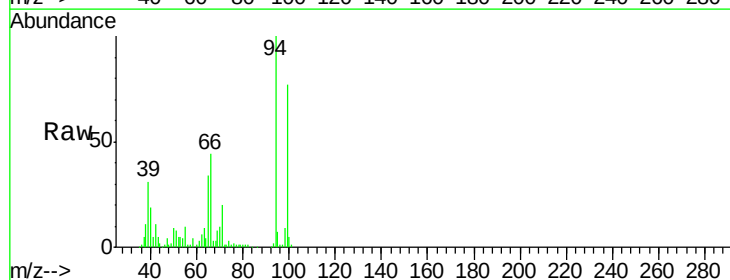
Tgt Ion: 94 Resp: 152167

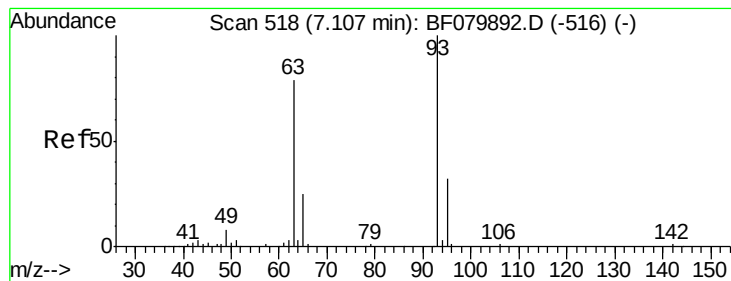
Ion Ratio Lower Upper

94 100

65 33.6 7.0 47.0

66 43.6 13.3 53.3





#11

bis(2-Chloroethyl)ether

Concen: 39.12 ng

RT: 7.06 min Scan# 348

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB84048BS

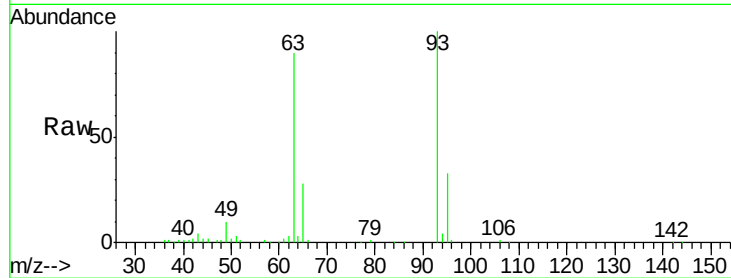
Tgt Ion: 93 Resp: 118959

Ion Ratio Lower Upper

93 100

63 89.8 58.7 98.7

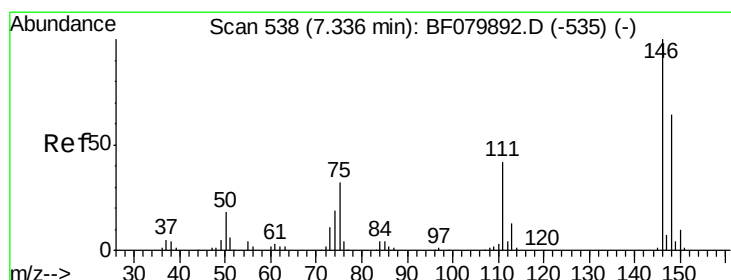
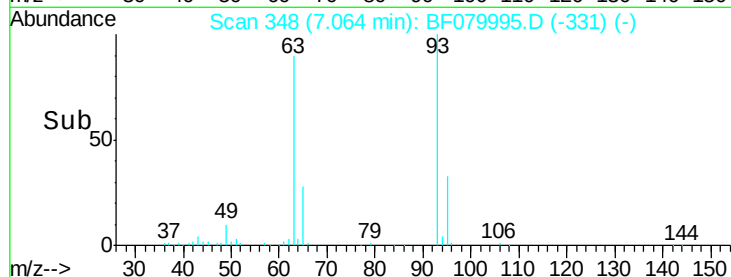
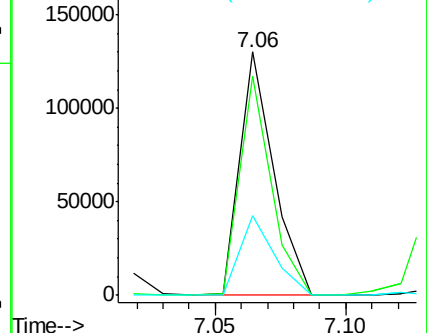
95 32.6 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.60 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

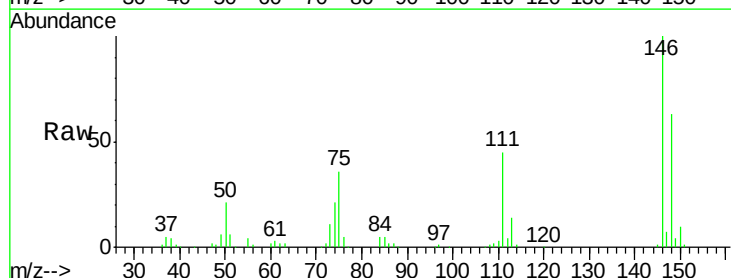
Tgt Ion: 146 Resp: 145175

Ion Ratio Lower Upper

146 100

148 63.4 50.9 76.3

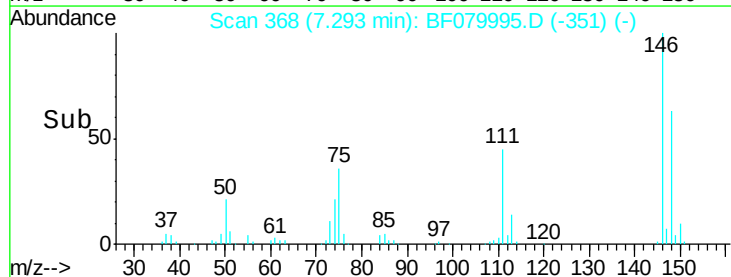
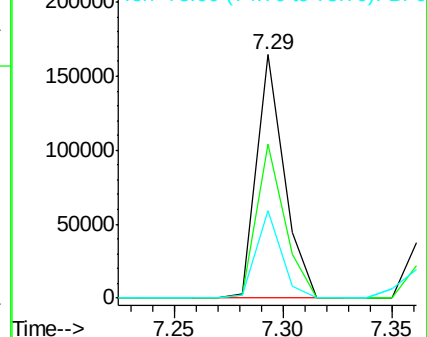
75 35.7 25.8 38.6

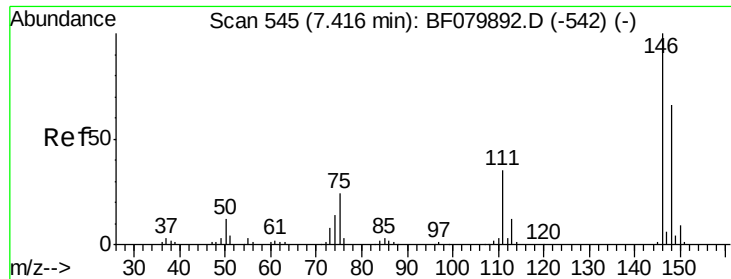


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

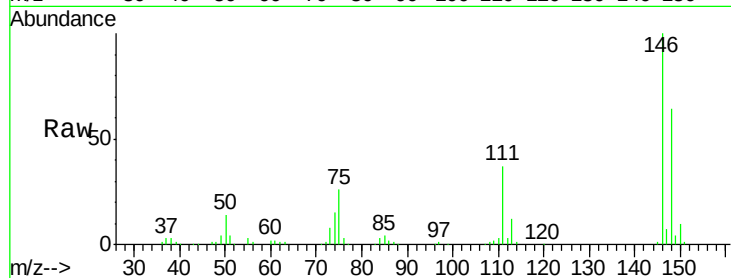




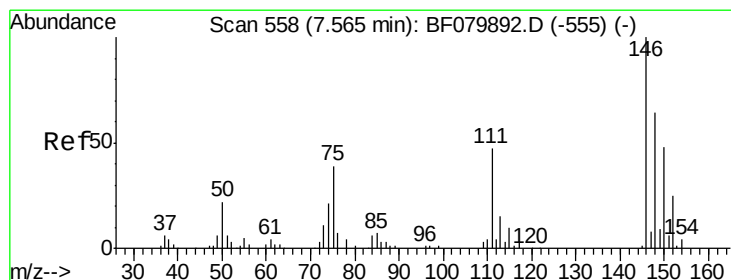
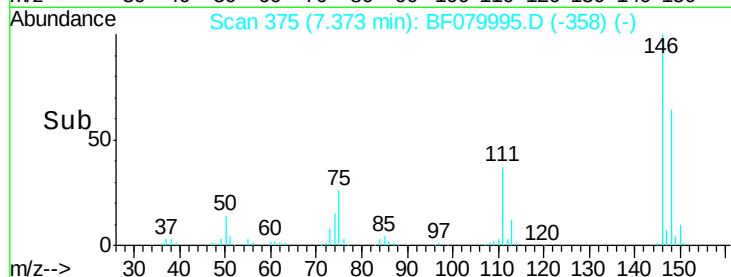
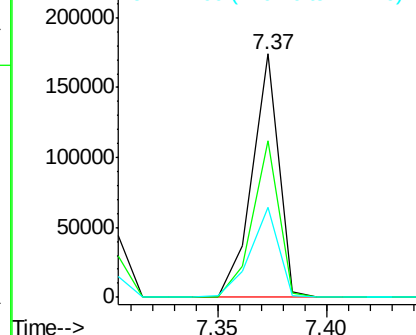
#13
 1,4-Dichlorobenzene
 Concen: 39.79 ng
 RT: 7.37 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Tgt Ion:146 Resp: 147794
 Ion Ratio Lower Upper
 146 100
 148 64.4 53.0 79.6
 111 37.2 28.2 42.2

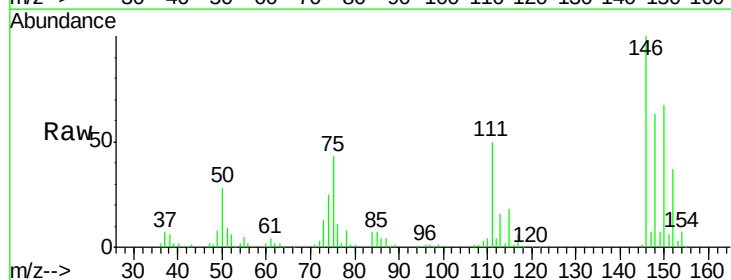


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

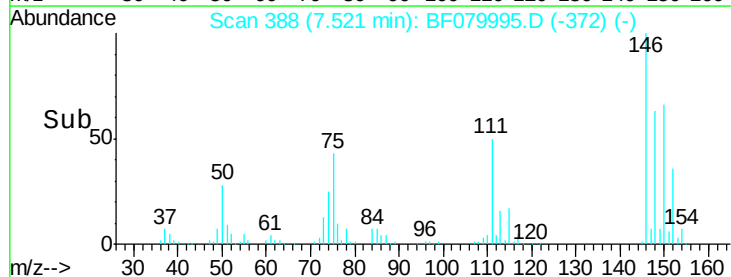
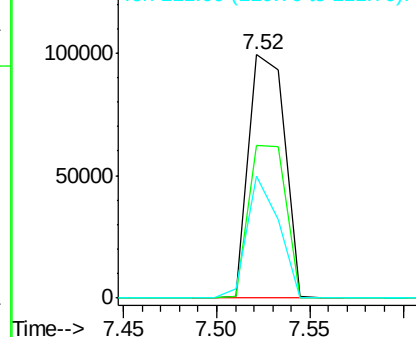


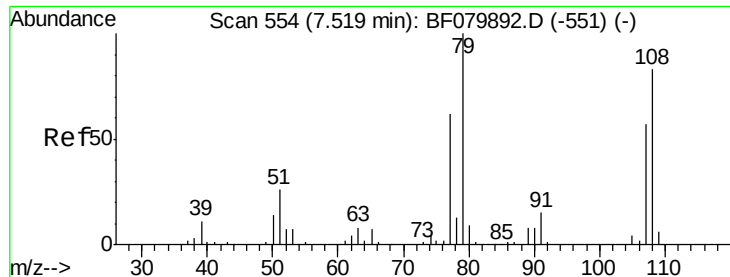
#14
 1,2-Dichlorobenzene
 Concen: 40.23 ng
 RT: 7.52 min Scan# 388
 Delta R.T. -0.01 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion:146 Resp: 132726
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.2 76.8
 111 50.3 37.3 55.9



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: 45.32 ng

RT: 7.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB84048BS

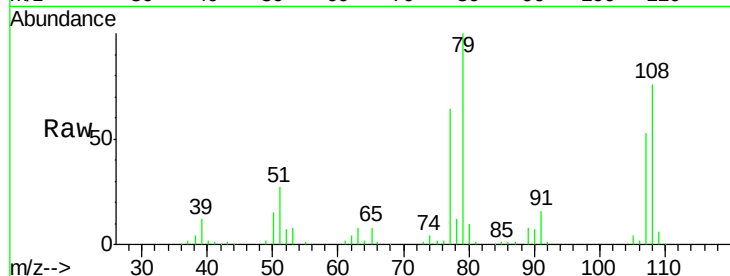
Tgt Ion: 79 Resp: 124867

Ion Ratio Lower Upper

79 100

108 76.0 66.4 99.6

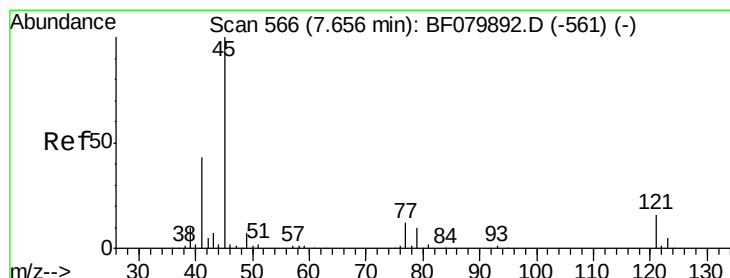
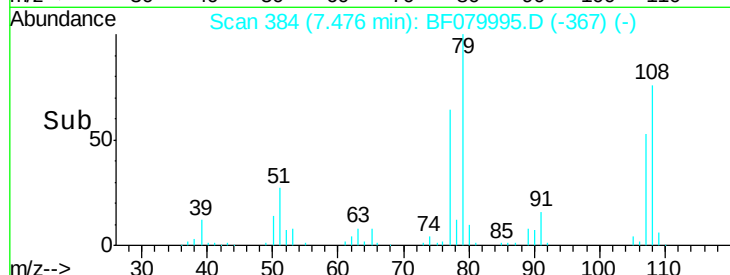
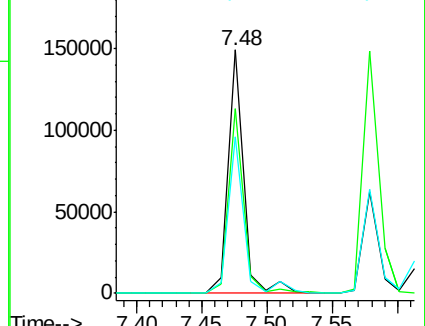
77 64.3 49.4 74.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.48 ng

RT: 7.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

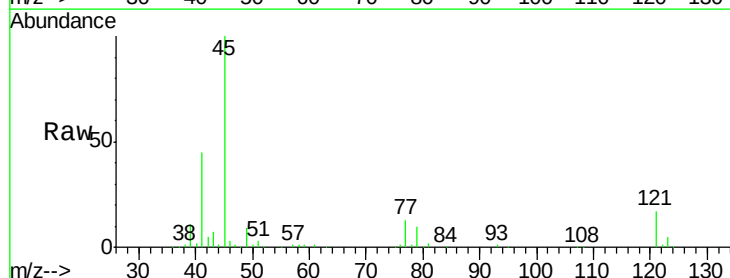
Tgt Ion: 45 Resp: 182324

Ion Ratio Lower Upper

45 100

77 12.6 0.0 31.9

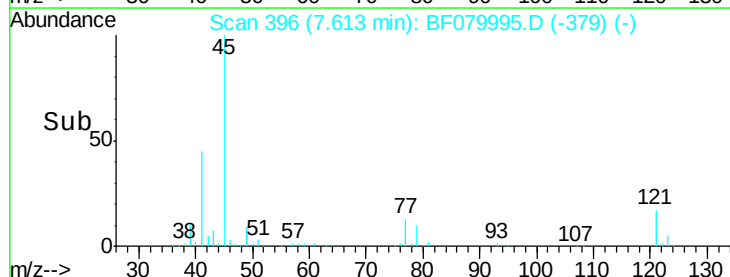
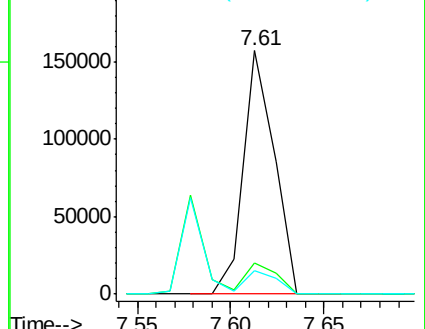
79 9.6 0.0 29.6

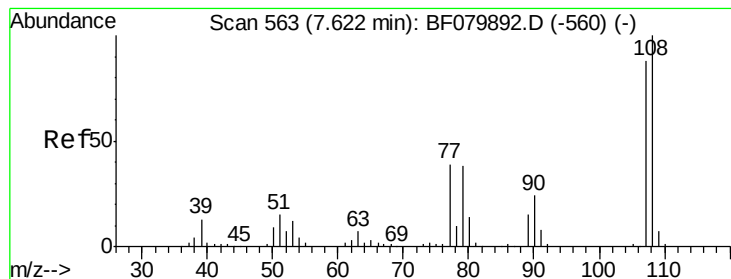


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

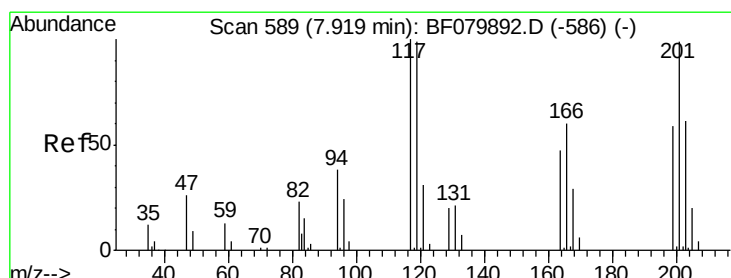
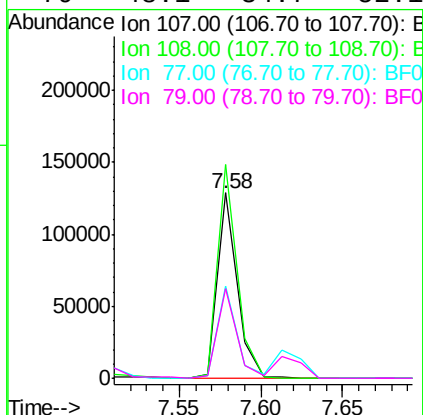
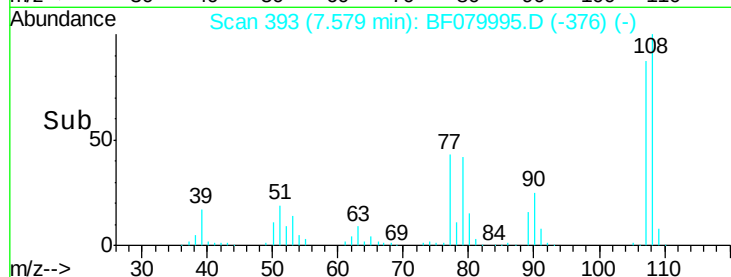
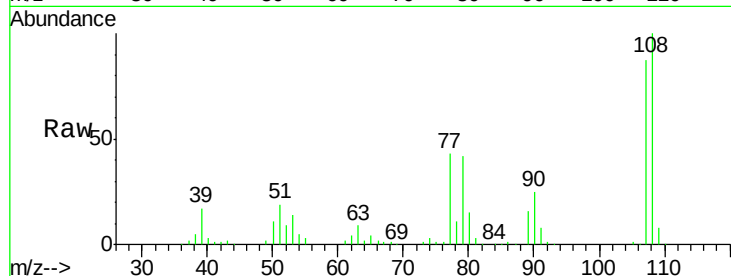




#17
2-Methylphenol
Concen: 40.31 ng
RT: 7.58 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

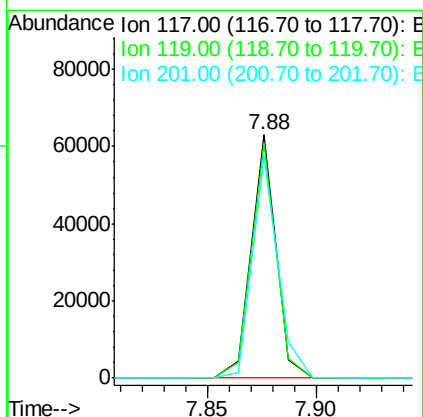
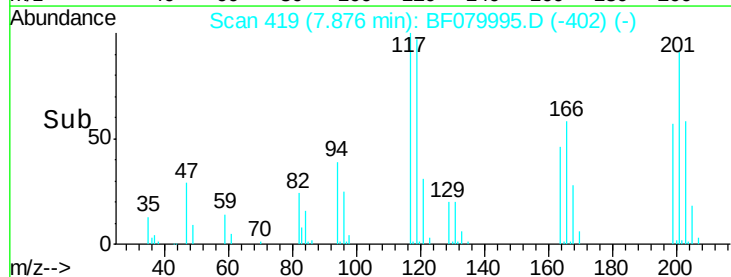
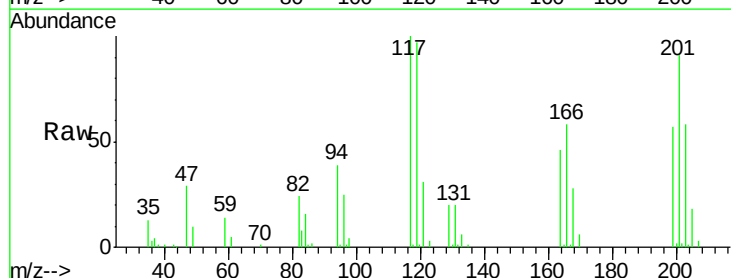
Instrument :
BNA_F
ClientSampleId :
PB84048BS

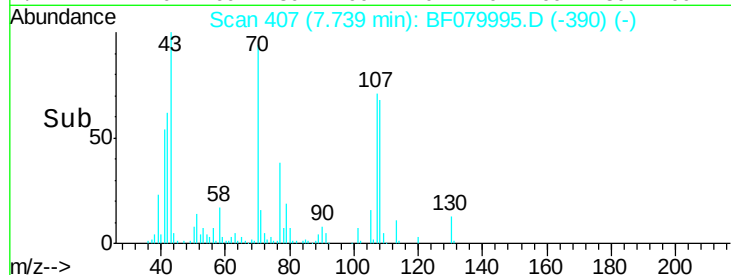
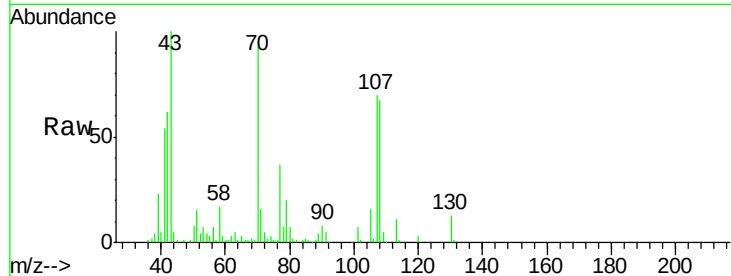
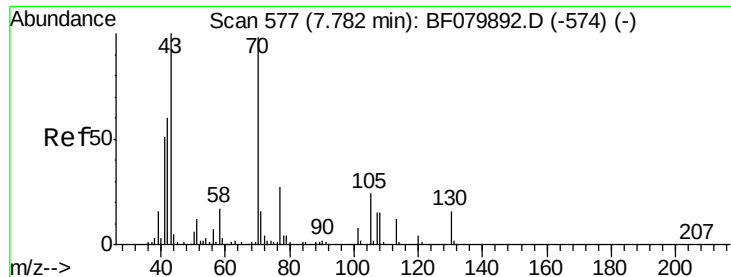
Tgt Ion:107 Resp: 107943
Ion Ratio Lower Upper
107 100
108 115.2 90.8 136.2
77 49.8 35.4 53.2
79 48.1 34.7 52.1



#18
Hexachloroethane
Concen: 42.94 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion:117 Resp: 49384
Ion Ratio Lower Upper
117 100
119 96.5 79.0 118.6
201 91.3 79.0 118.6

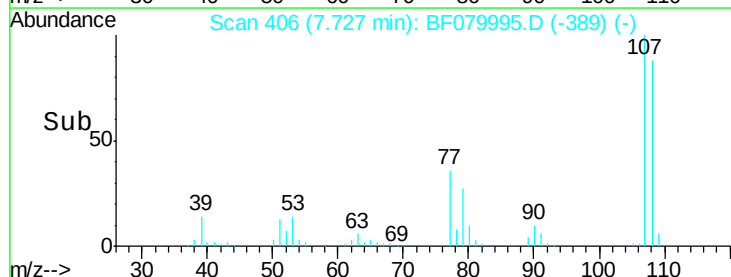
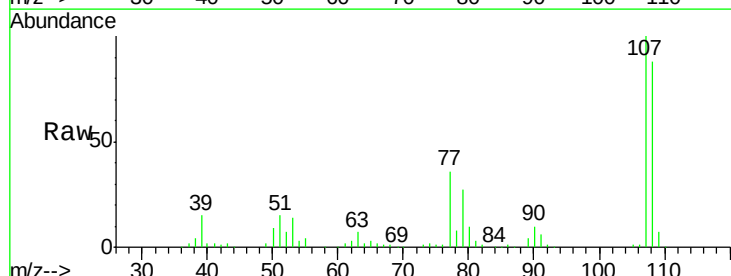
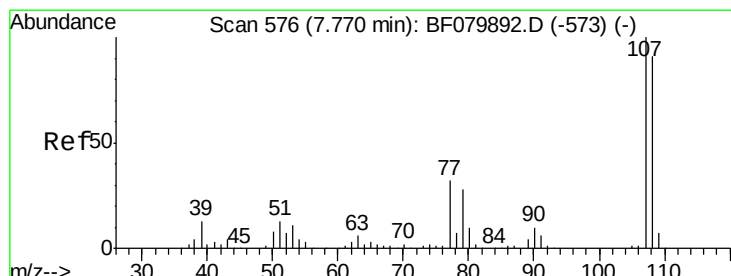
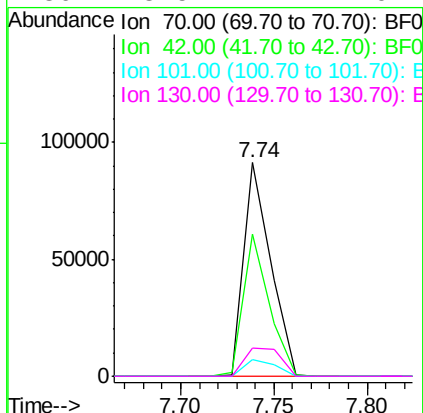




#19
n-Nitroso-di-n-propylamine
Concen: 37.32 ng
RT: 7.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

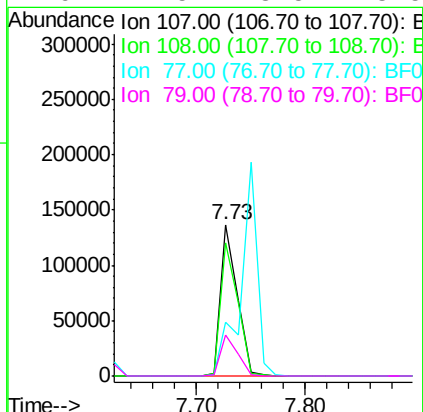
Instrument :
BNA_F
ClientSampleId :
PB84048BS

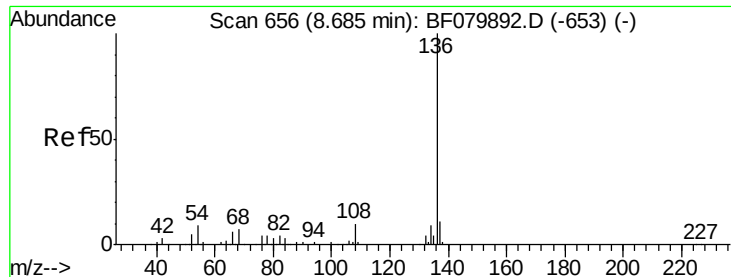
Tgt Ion:	70	Resp:	91619
Ion	Ratio	Lower	Upper
70	100		
42	66.4	49.0	73.4
101	7.9	6.6	9.8
130	13.5	12.7	19.1



#20
3+4-Methylphenols
Concen: 42.70 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion:	107	Resp:	146141
Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.1	111.1
77	35.8	12.2	52.2
79	27.5	8.5	48.5

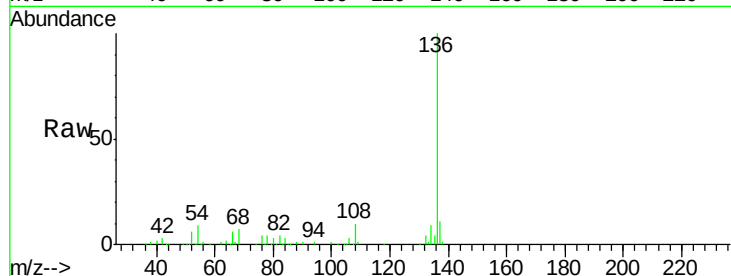




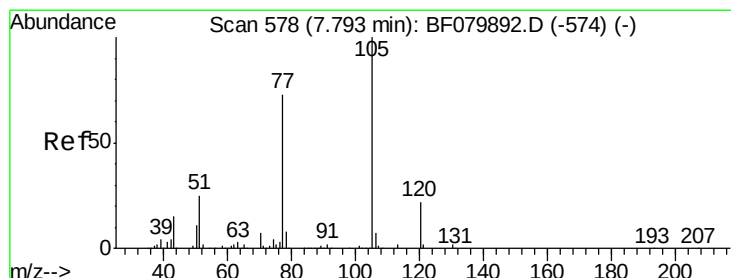
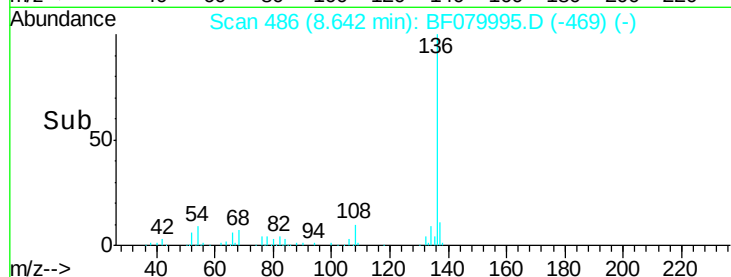
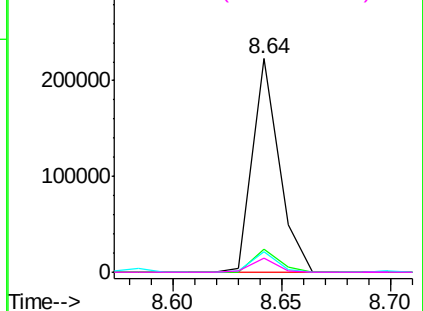
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.64 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84048BS

Tgt Ion:	136	Resp:	190575
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.5	7.3	10.9
68	6.6	5.9	8.9

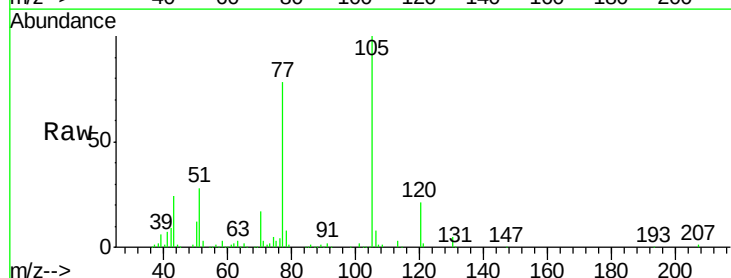


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

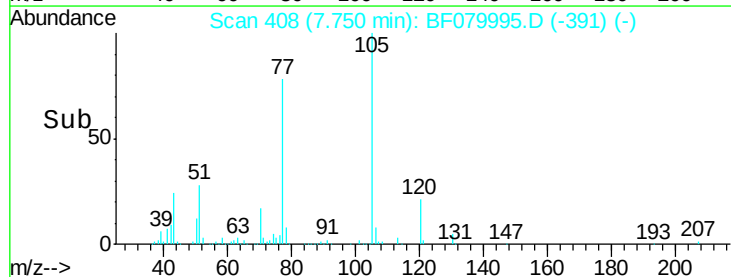
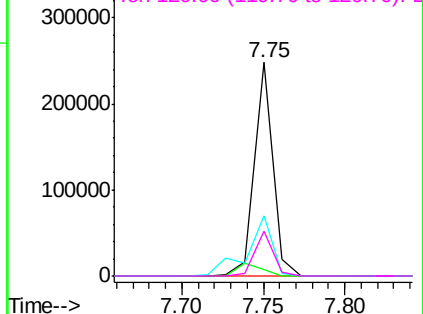


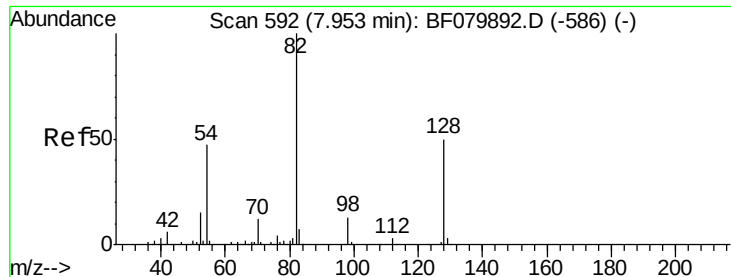
#22
Acetophenone
Concen: 43.42 ng
RT: 7.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion:	105	Resp:	195424
Ion	Ratio	Lower	Upper
105	100		
71	2.9	1.0	1.4#
51	28.1	19.8	29.6
120	20.8	17.6	26.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

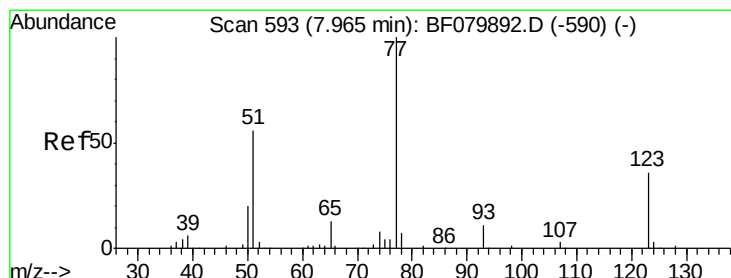
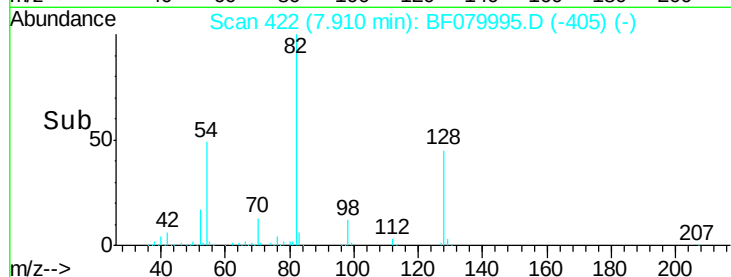
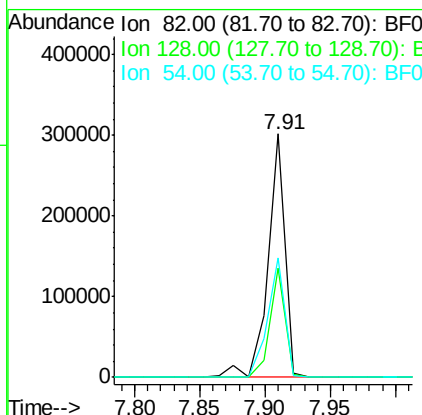
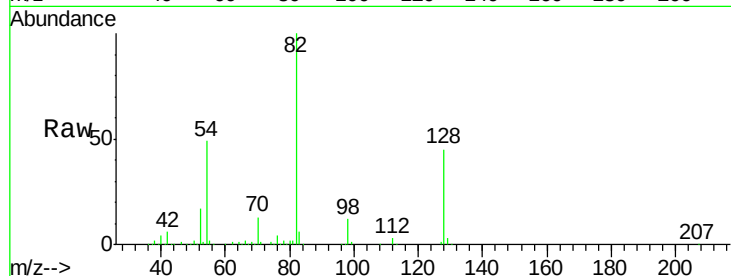




#23
 Nitrobenzene-d5
 Concen: 95.56 ng
 RT: 7.91 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

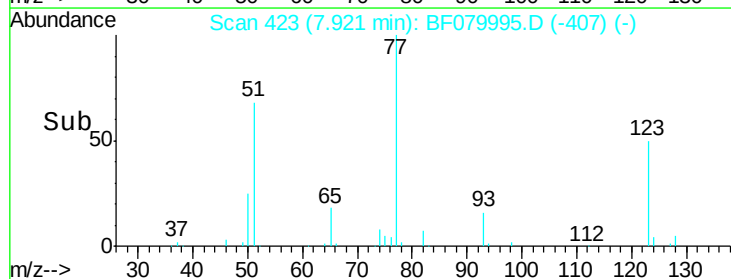
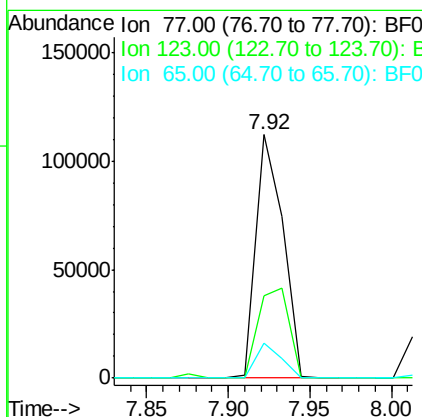
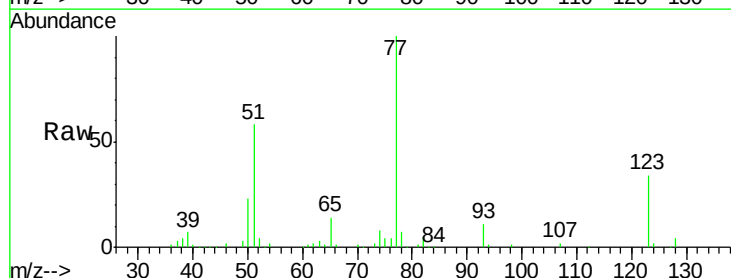
Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

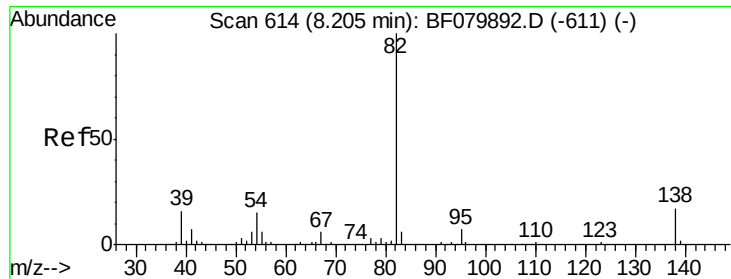
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	40.3	60.5
54	49.1	38.0	57.0



#24
 Nitrobenzene
 Concen: 42.25 ng
 RT: 7.92 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.8	28.8	43.2
65	14.2	10.3	15.5





#25

Isophorone

Concen: 38.87 ng

RT: 8.16 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB84048BS

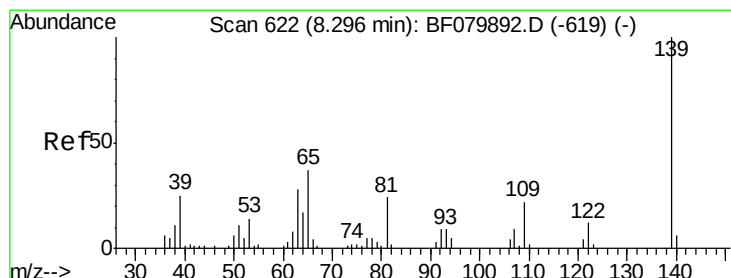
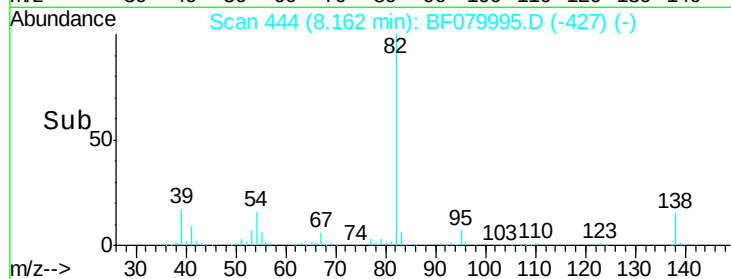
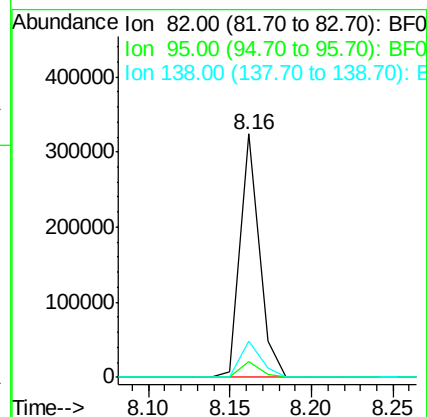
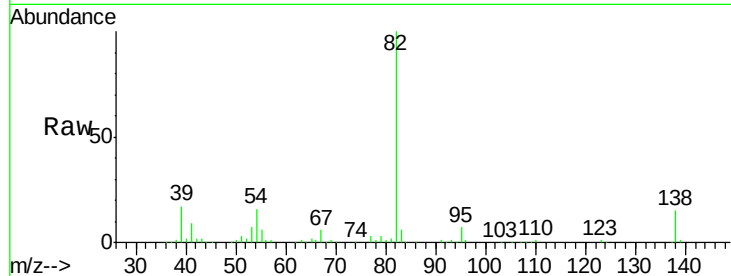
Tgt Ion: 82 Resp: 261291

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 15.0 13.3 19.9



#26

2-Nitrophenol

Concen: 47.71 ng

RT: 8.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

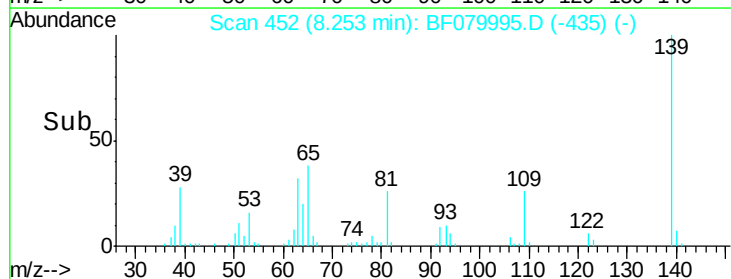
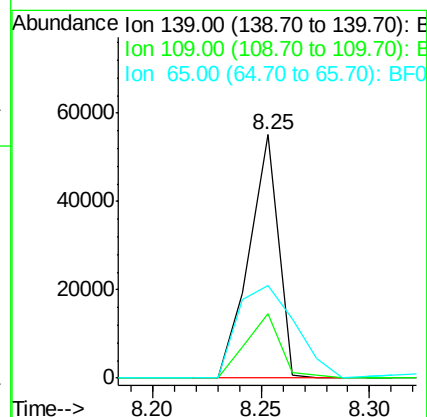
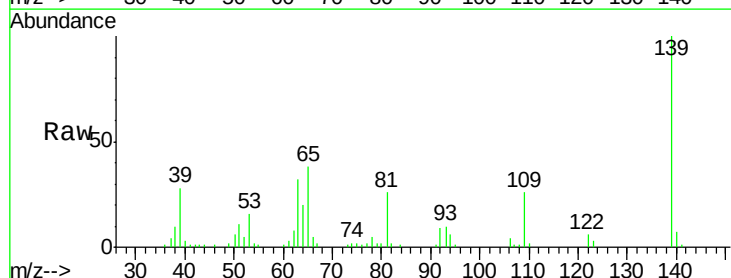
Tgt Ion: 139 Resp: 51509

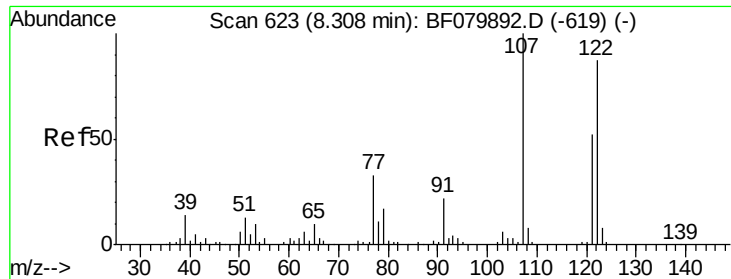
Ion Ratio Lower Upper

139 100

109 26.3 17.8 26.6

65 38.2 29.4 44.0

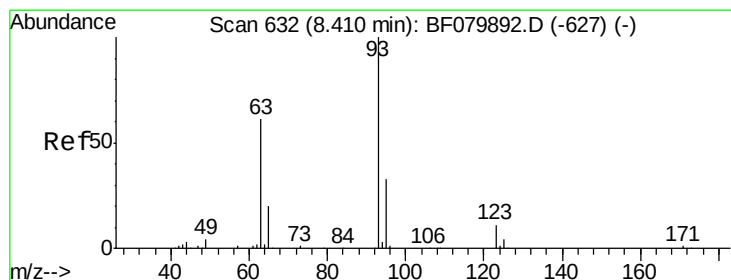
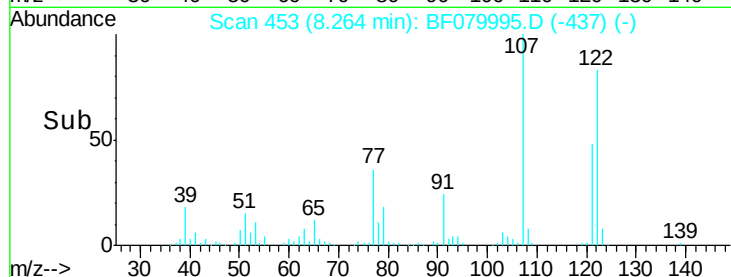
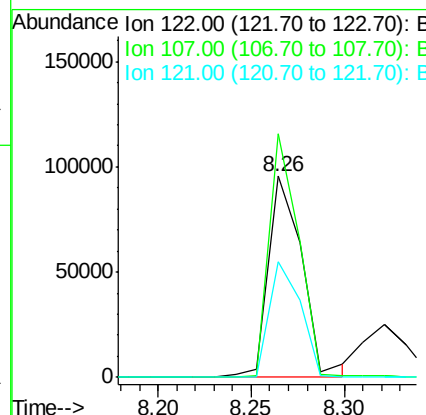
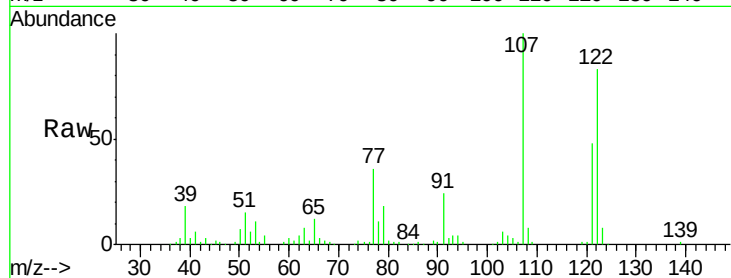




#27
 2,4-Dimethylphenol
 Concen: 39.58 ng
 RT: 8.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

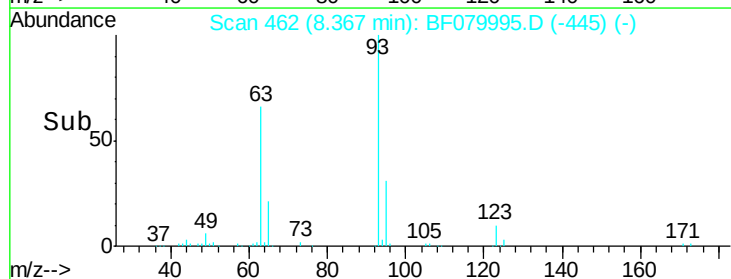
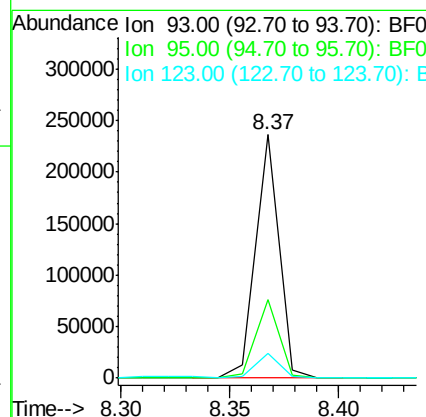
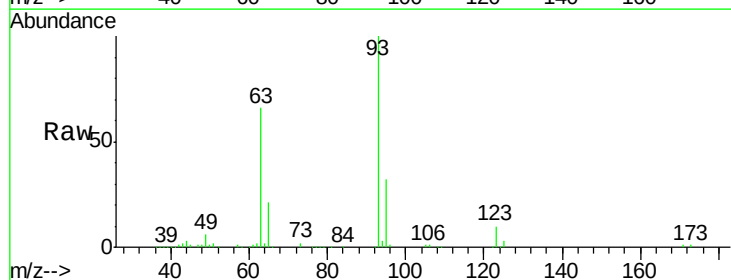
Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

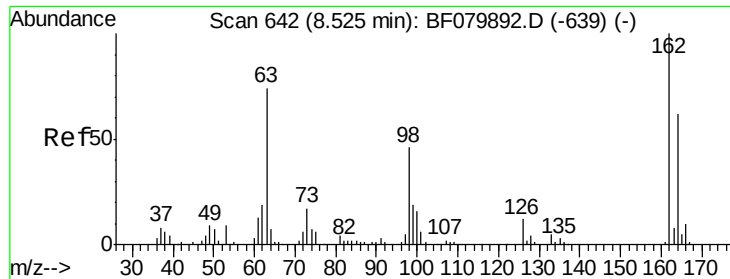
Tgt Ion:122 Resp: 119223
 Ion Ratio Lower Upper
 122 100
 107 121.2 91.7 137.5
 121 57.6 47.8 71.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.12 ng
 RT: 8.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion: 93 Resp: 176088
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.1 39.1
 123 10.3 8.9 13.3

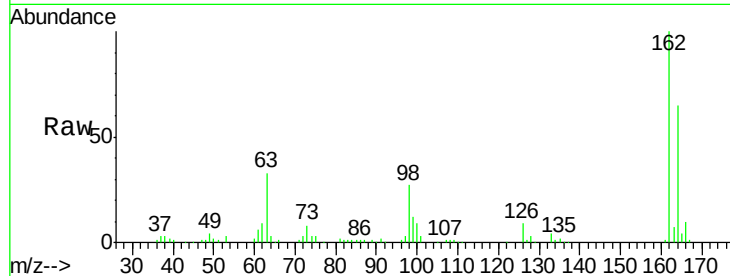




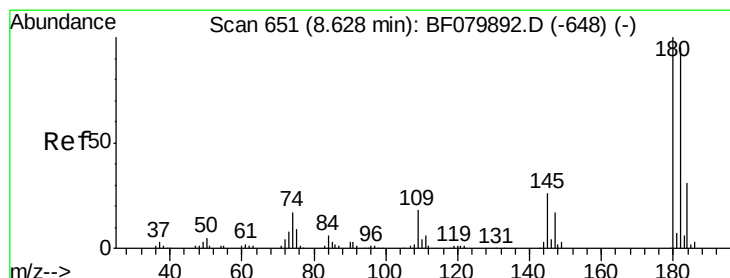
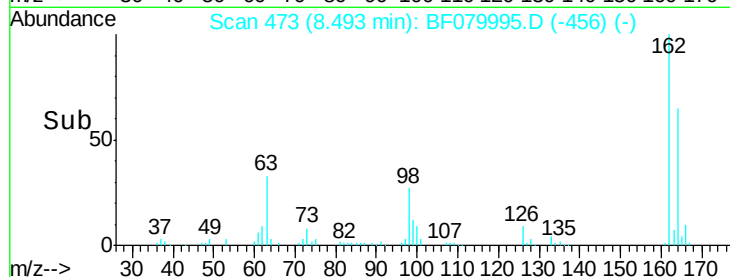
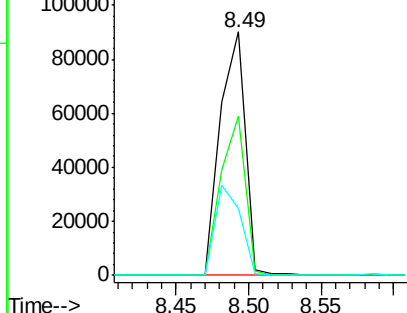
#29
 2,4-Dichlorophenol
 Concen: 42.90 ng
 RT: 8.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	42.2	82.2
98	27.3	26.0	66.0

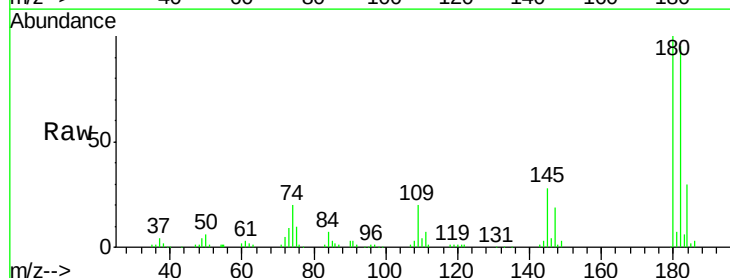


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

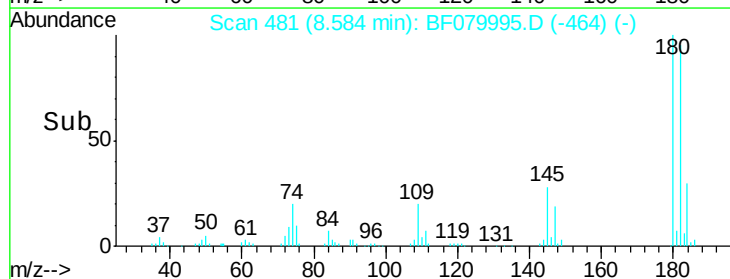
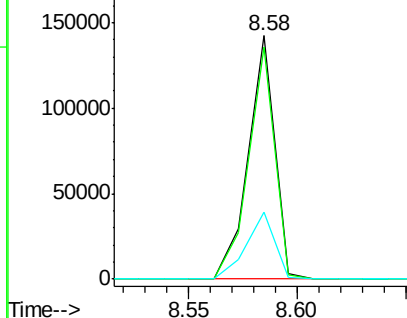


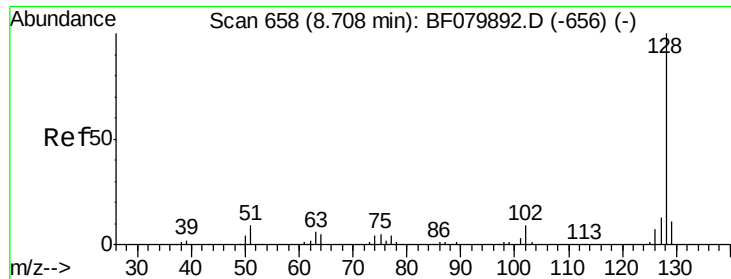
#30
 1,2,4-Trichlorobenzene
 Concen: 37.38 ng
 RT: 8.58 min Scan# 481
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.7	113.5
145	27.7	21.1	31.7



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

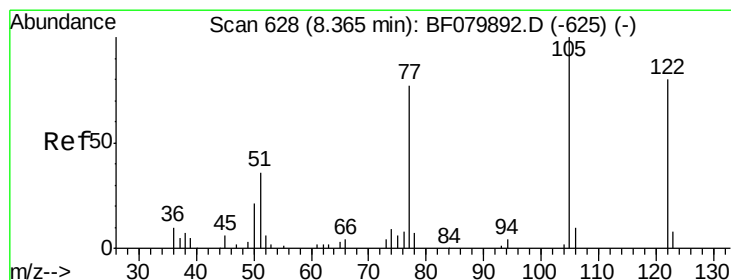
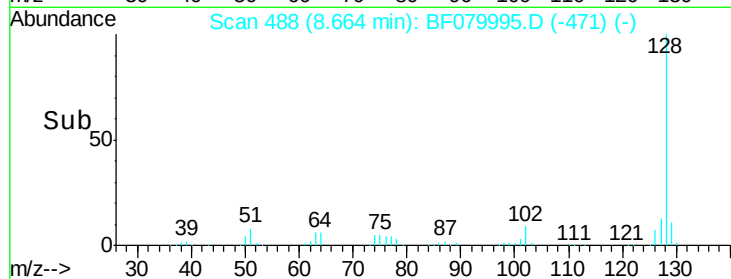
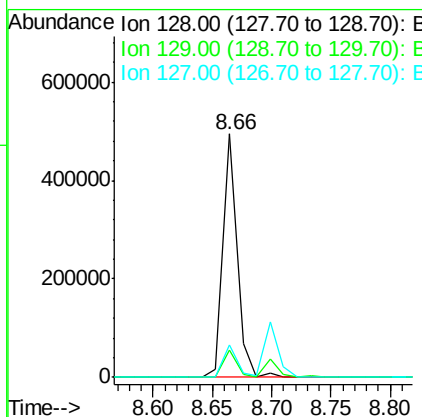
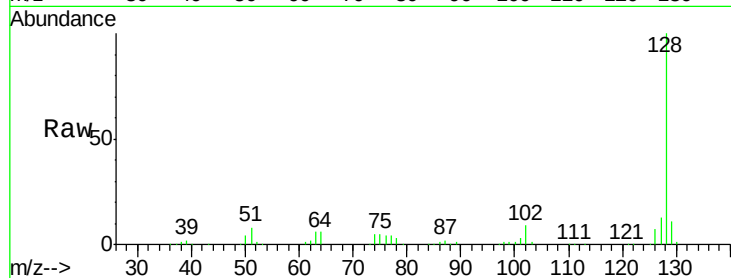




#31
Naphthalene
Concen: 38.88 ng
RT: 8.66 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

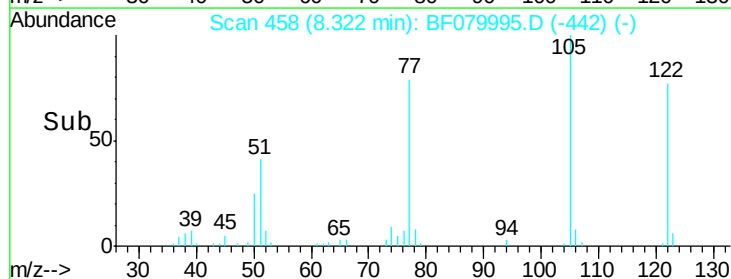
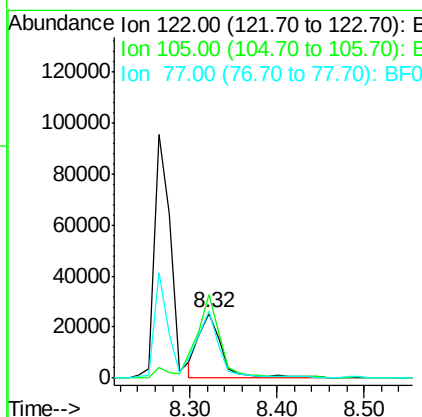
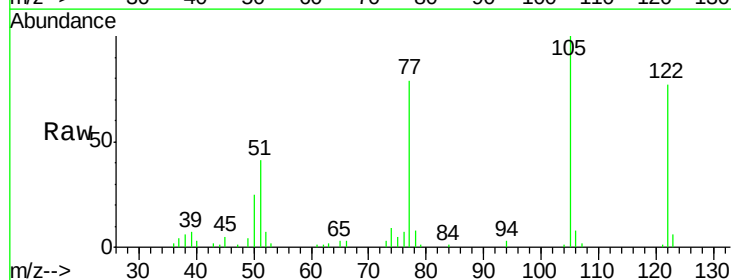
Instrument :
BNA_F
ClientSampleId :
PB84048BS

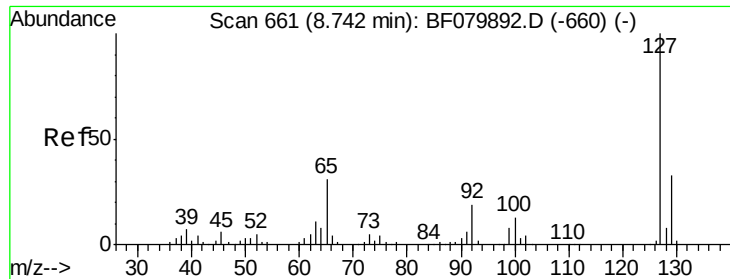
Tgt Ion:128 Resp: 405017
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 39.90 ng
RT: 8.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion:122 Resp: 44877
Ion Ratio Lower Upper
122 100
105 130.3 102.7 142.7
77 103.5 77.1 117.1

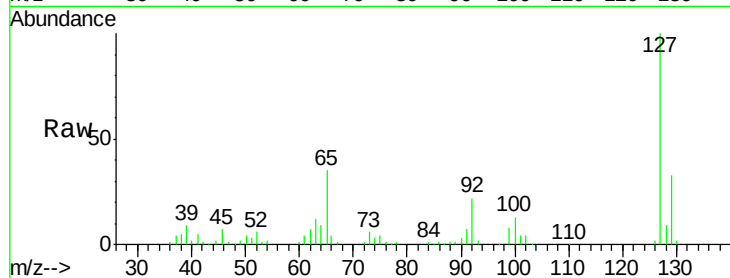




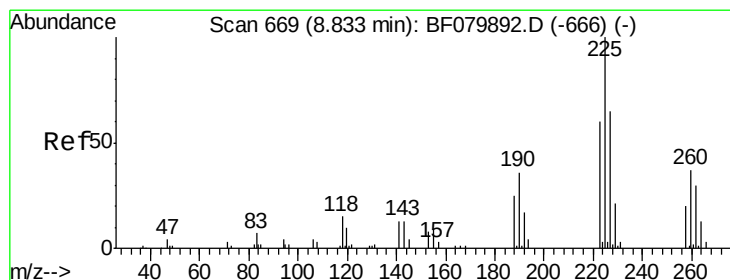
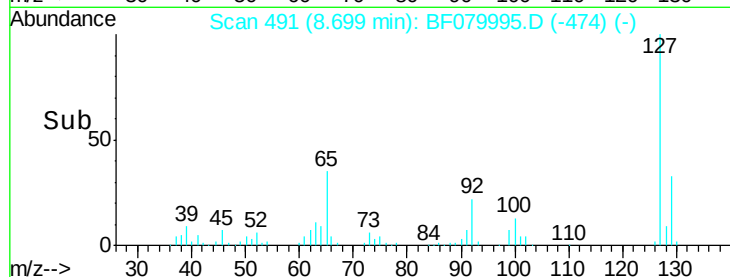
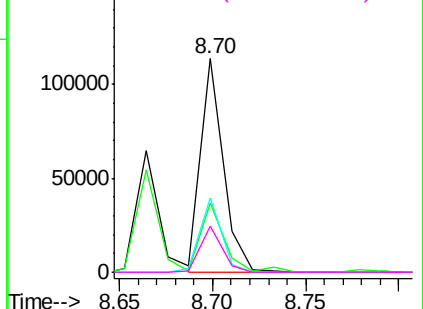
#33
 4-Chloroaniline
 Concen: 23.31 ng
 RT: 8.70 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Tgt Ion:	127	Resp:	94265
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	34.6	25.5	38.3
92	21.7	15.7	23.5

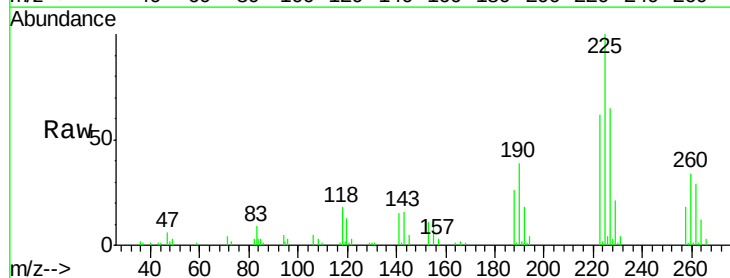


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

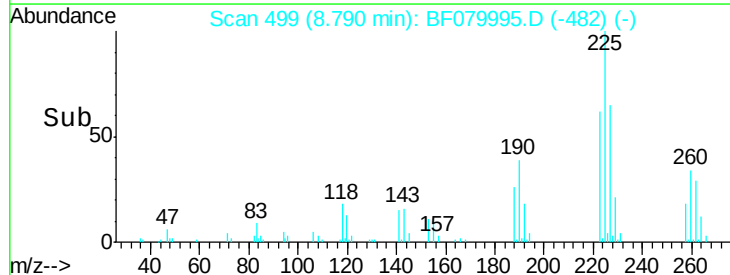
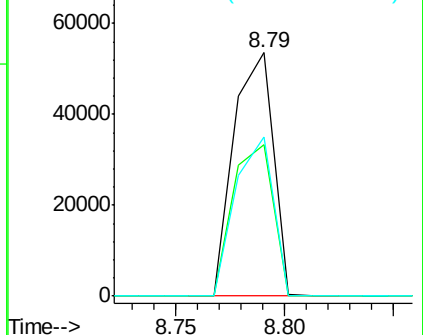


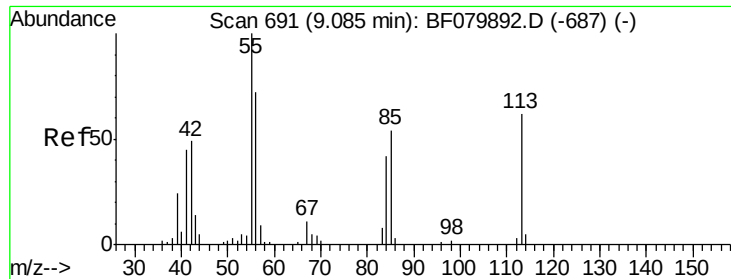
#34
 Hexachlorobutadiene
 Concen: 37.73 ng
 RT: 8.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion:	225	Resp:	67175
Ion	Ratio	Lower	Upper
225	100		
223	62.1	47.8	71.6
227	65.4	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: 40.37 ng

RT: 9.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB84048BS

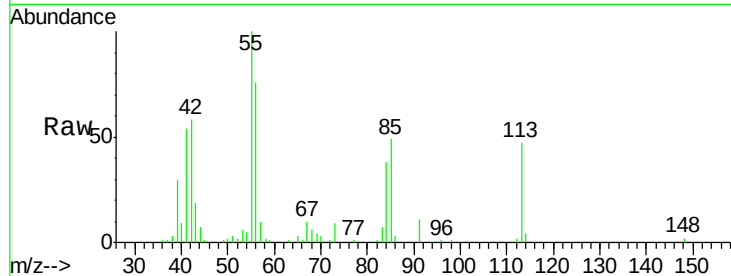
Tgt Ion:113 Resp: 32219

Ion Ratio Lower Upper

113 100

55 211.1 141.4 181.4#

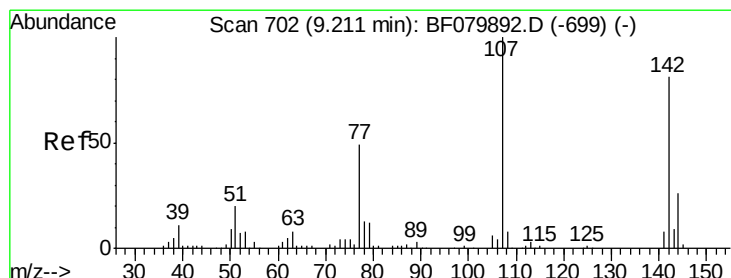
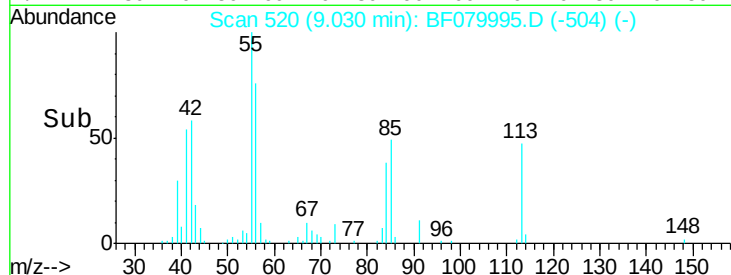
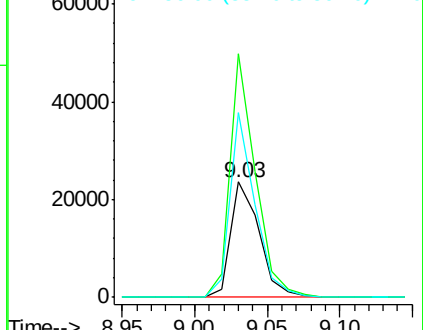
56 160.6 95.9 135.9#



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: 42.02 ng

RT: 9.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

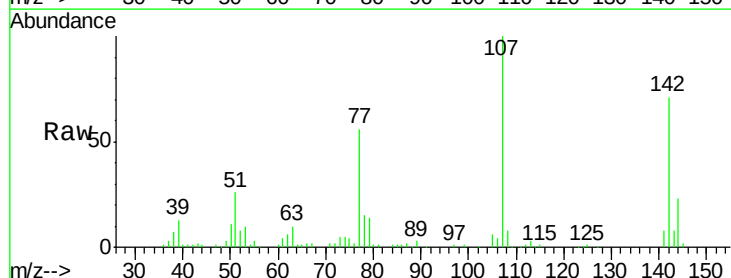
Tgt Ion:107 Resp: 121106

Ion Ratio Lower Upper

107 100

144 23.0 21.0 31.6

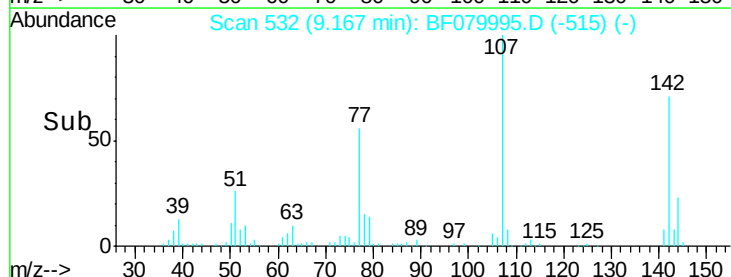
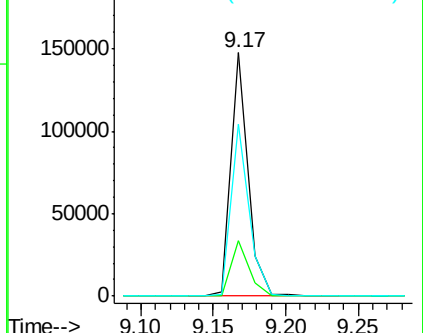
142 70.6 64.5 96.7

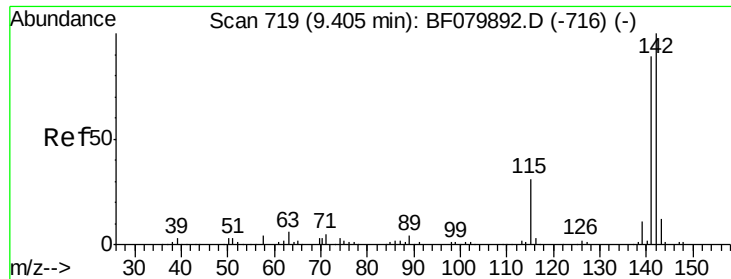


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

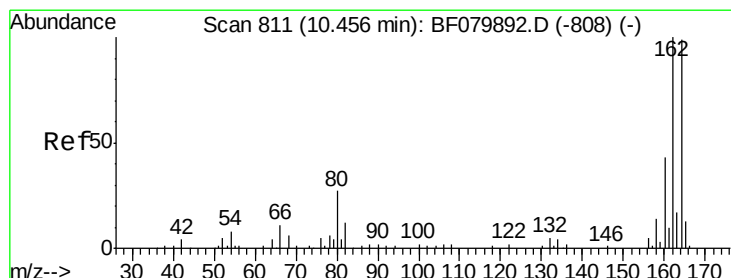
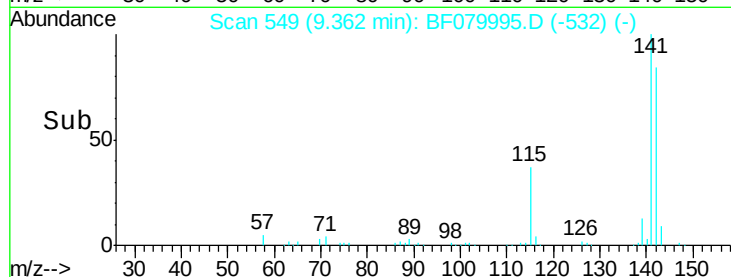
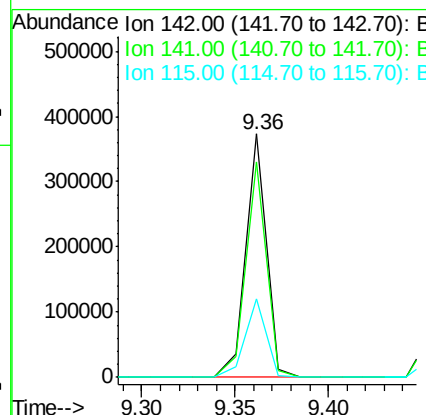
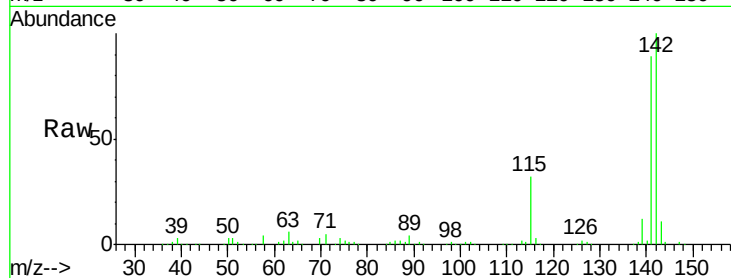




#37
 2-Methylnaphthalene
 Concen: 41.16 ng
 RT: 9.36 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

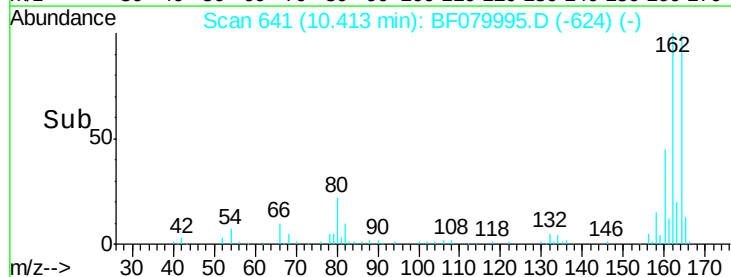
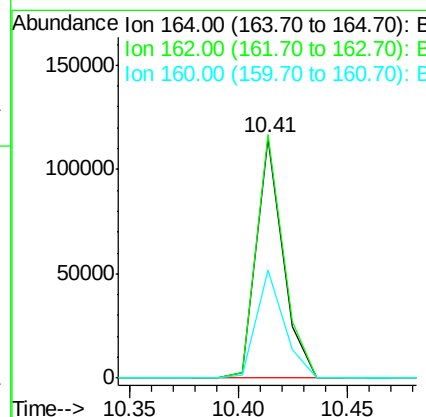
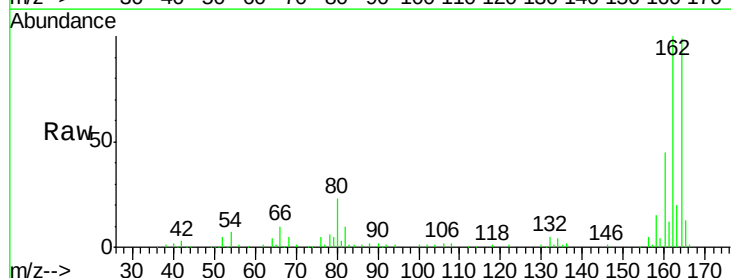
Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

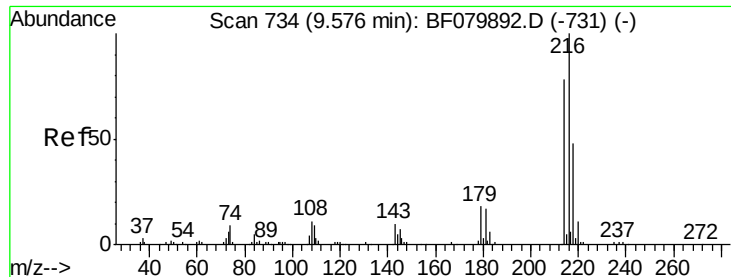
Tgt Ion:142 Resp: 289679
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.9 106.3
 115 32.4 25.0 37.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion:164 Resp: 97689
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.7 121.1
 160 45.2 34.6 51.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.23 ng

RT: 9.53 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB84048BS

Tgt Ion:216 Resp: 121792

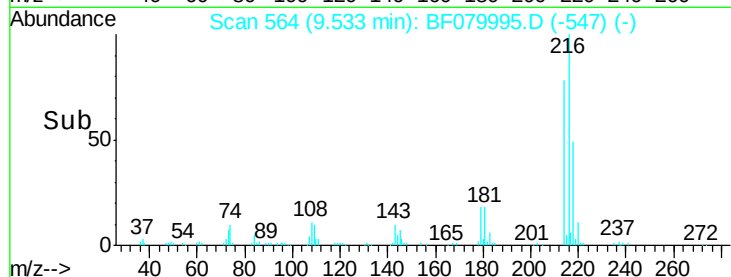
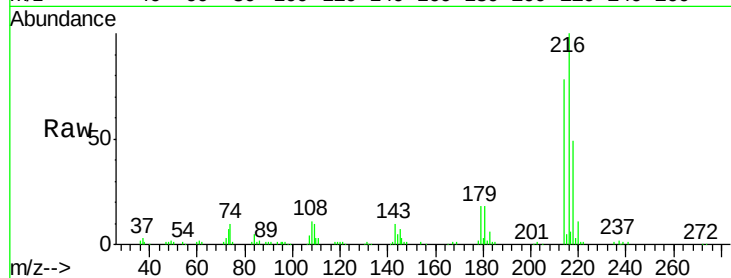
Ion Ratio Lower Upper

216 100

214 78.5 63.5 95.3

179 20.3 15.8 23.8

108 19.5 13.7 20.5



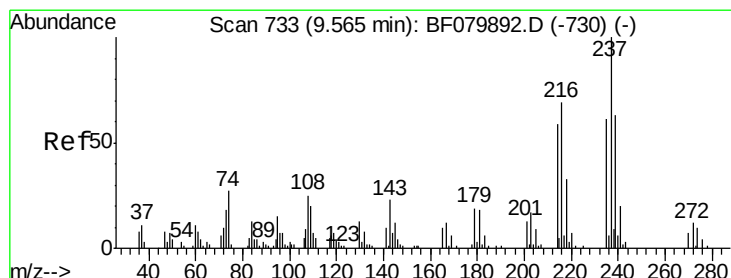
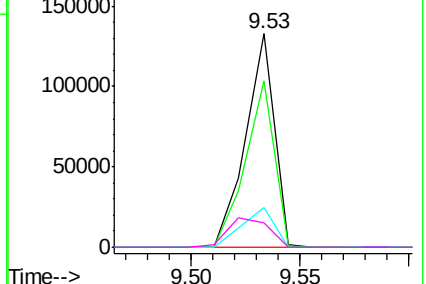
Abundance Ion 216.00 (215.70 to 216.70): E

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

9.53



#40

Hexachlorocyclopentadiene

Concen: 83.16 ng

RT: 9.52 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

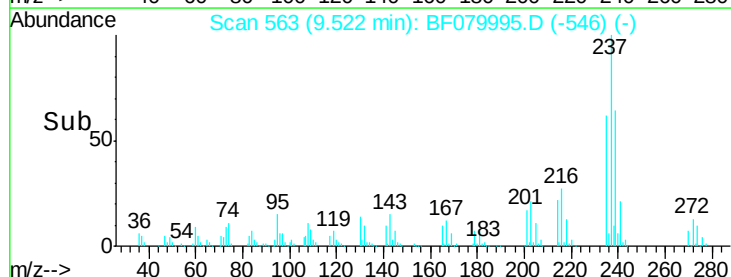
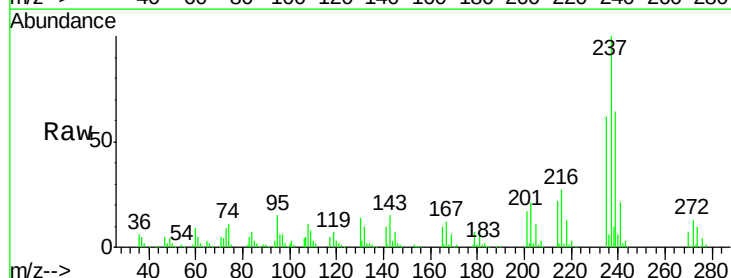
Tgt Ion:237 Resp: 123272

Ion Ratio Lower Upper

237 100

235 61.7 41.3 81.3

272 12.6 0.0 32.2

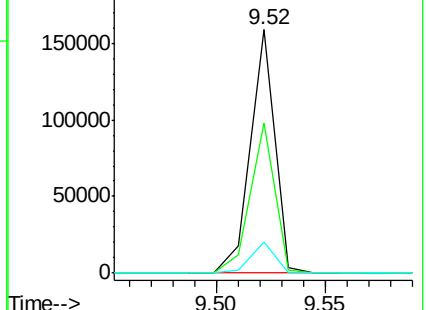


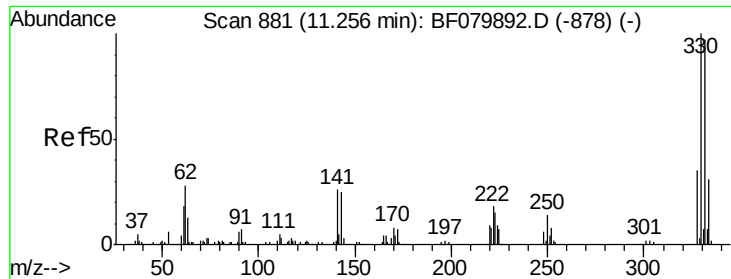
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

9.52

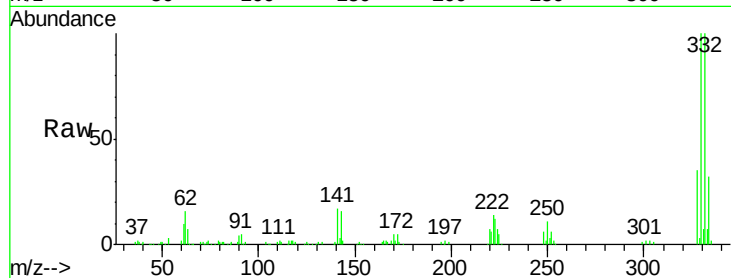




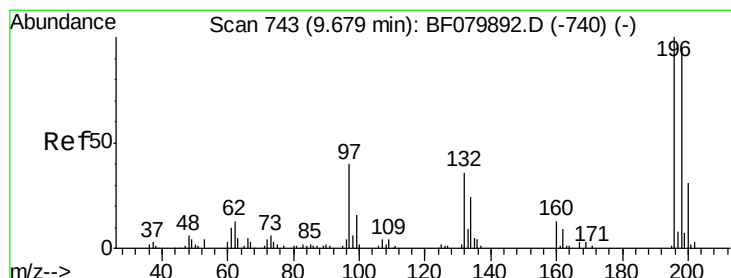
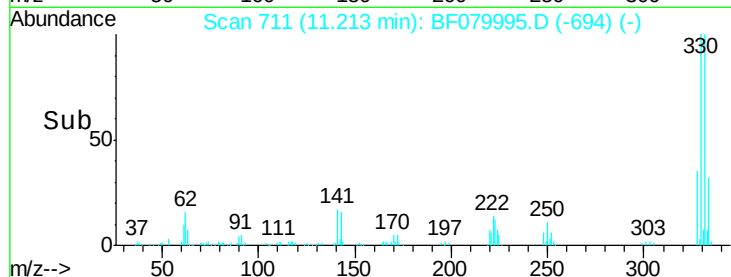
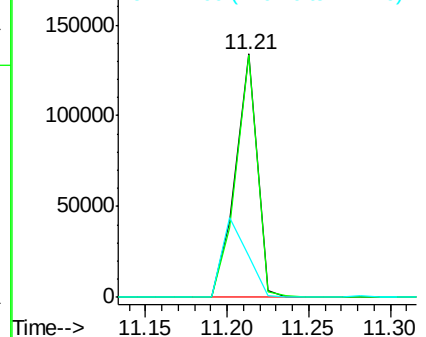
#41
 2,4,6-Tribromophenol
 Concen: 125.89 ng
 RT: 11.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Tgt Ion:330 Resp: 123772
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.3 115.9
 141 37.4 26.8 40.2

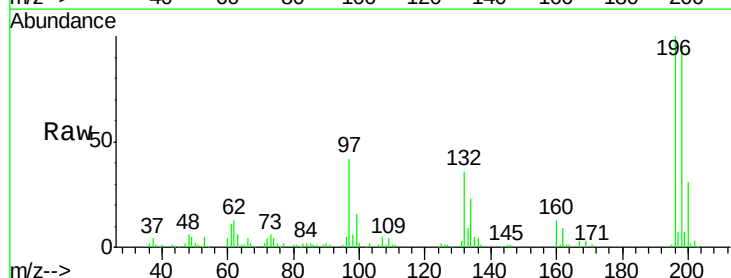


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

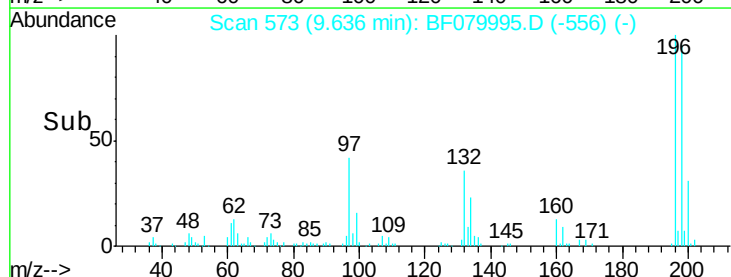
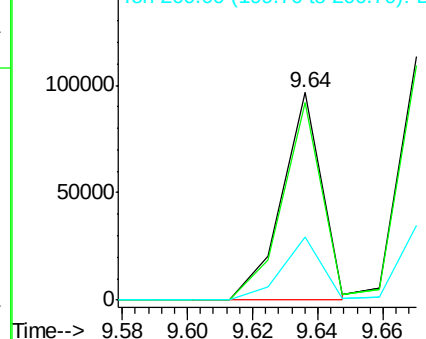


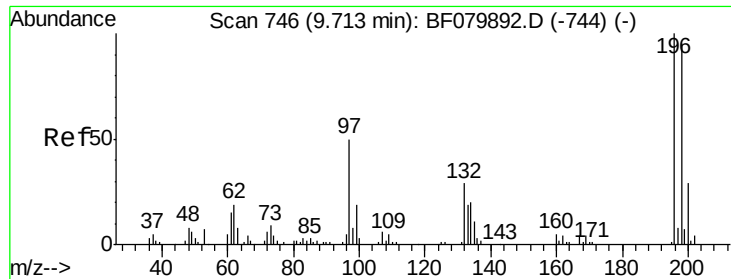
#42
 2,4,6-Trichlorophenol
 Concen: 40.74 ng
 RT: 9.64 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion:196 Resp: 82125
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.0 114.0
 200 30.6 24.9 37.3



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

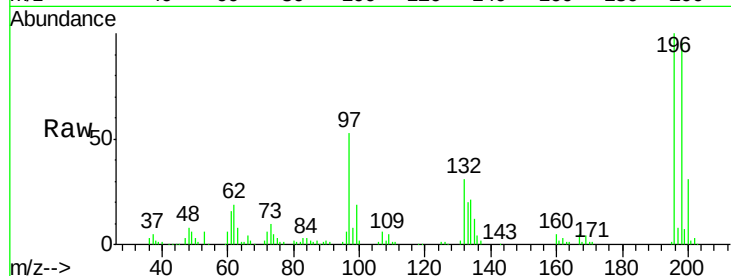




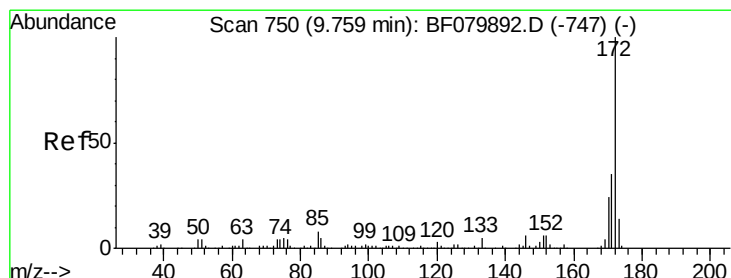
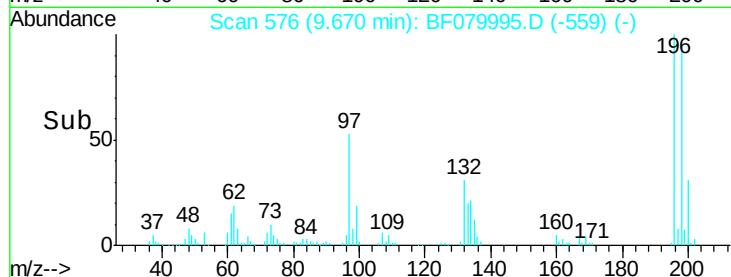
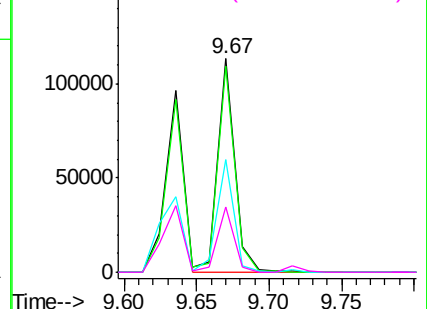
#43
 2,4,5-Trichlorophenol
 Concen: 41.54 ng
 RT: 9.67 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Tgt Ion:	196	Resp:	92450
Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.0	114.0
97	52.5	39.4	59.2
132	30.8	23.6	35.4

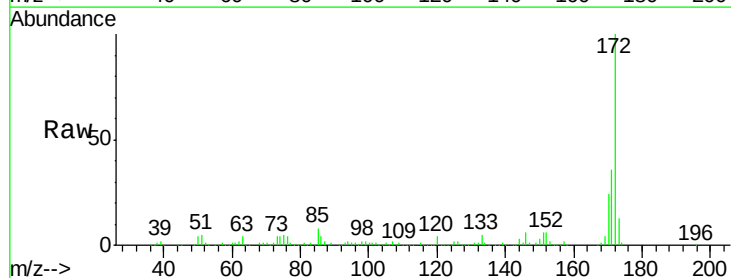


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

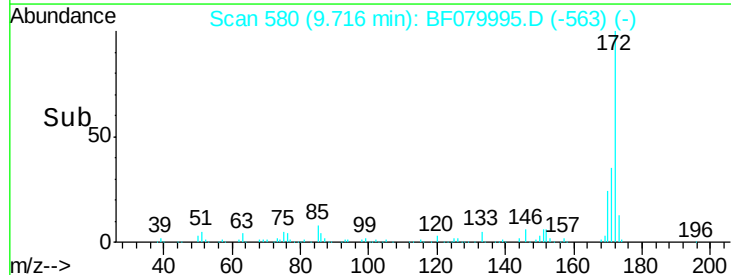
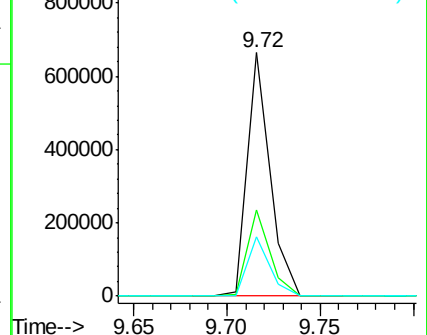


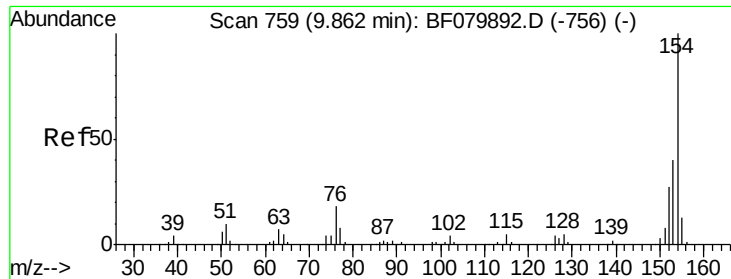
#44
 2-Fluorobiphenyl
 Concen: 80.75 ng
 RT: 9.72 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion:	172	Resp:	563378
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	24.1	19.0	28.4



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

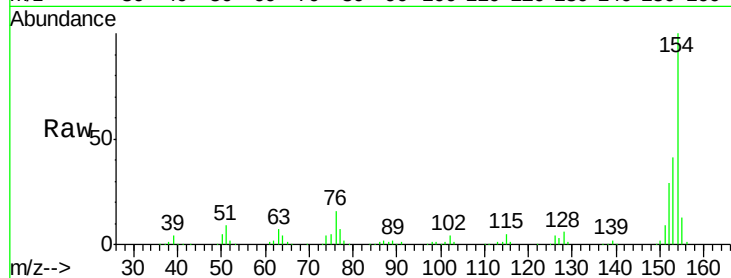




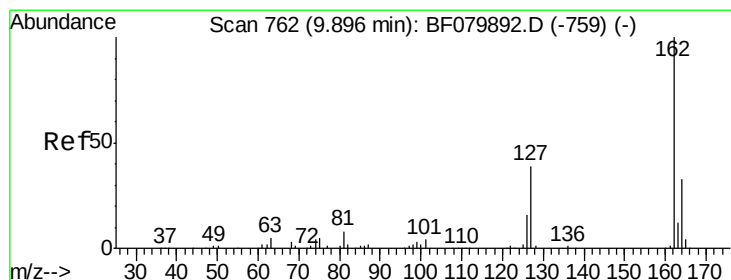
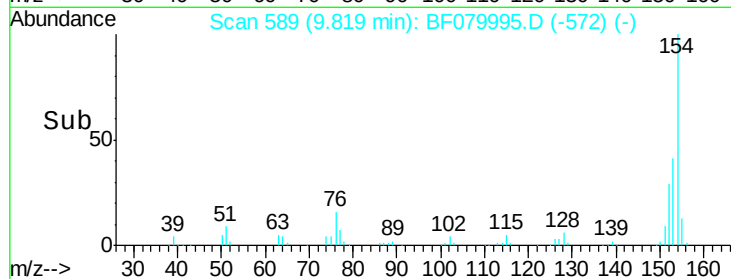
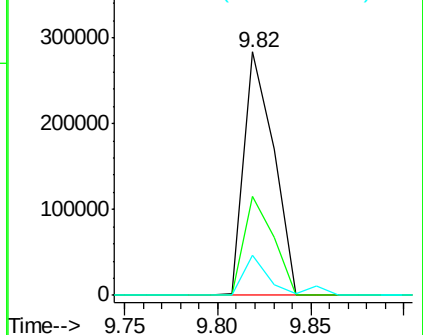
#45
 1,1'-Biphenyl
 Concen: 39.66 ng
 RT: 9.82 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.1	60.1
76	16.5	0.0	38.4

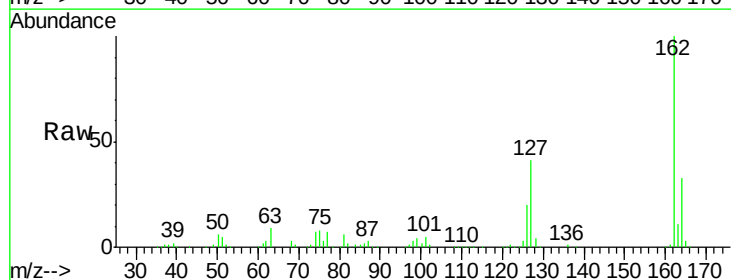


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

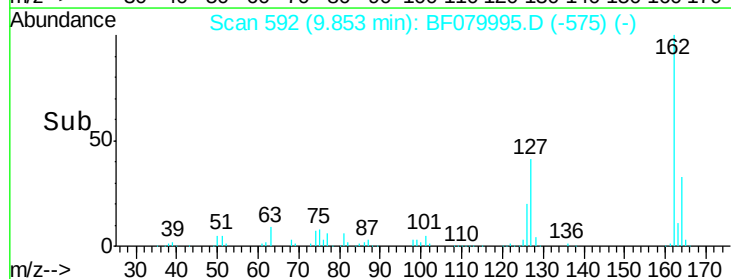
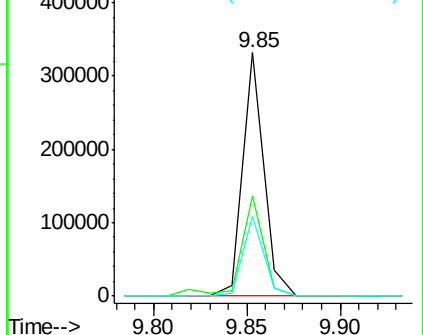


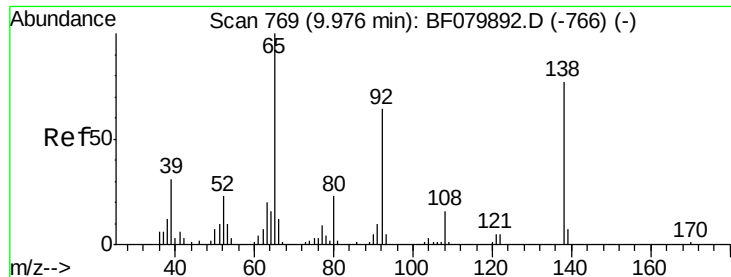
#46
 2-Chloronaphthalene
 Concen: 38.98 ng
 RT: 9.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.1	49.7
164	32.6	26.2	39.4



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: 47.38 ng

RT: 9.93 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB84048BS

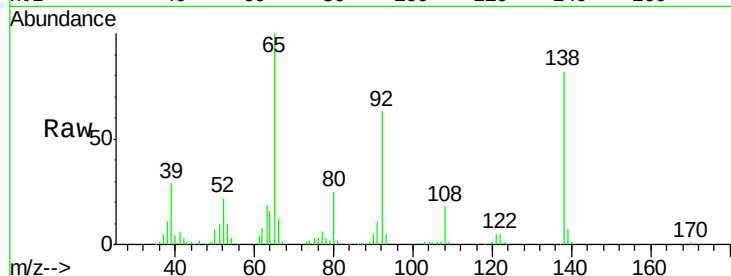
Tgt Ion: 65 Resp: 68422

Ion Ratio Lower Upper

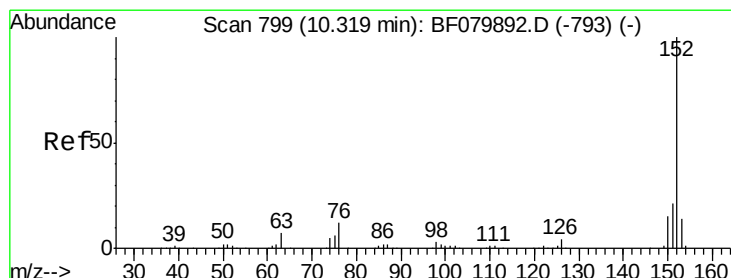
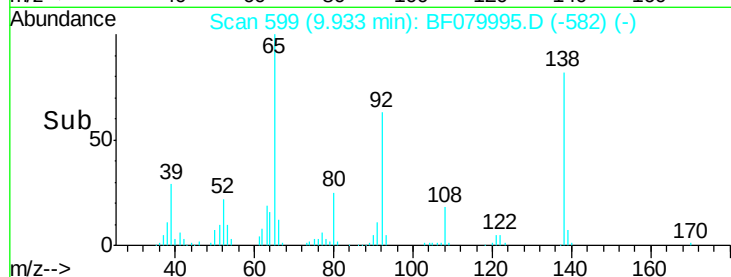
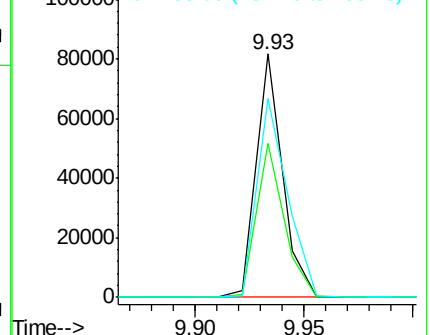
65 100

92 63.0 51.1 76.7

138 81.6 62.0 93.0



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



#48

Acenaphthylene

Concen: 38.66 ng

RT: 10.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

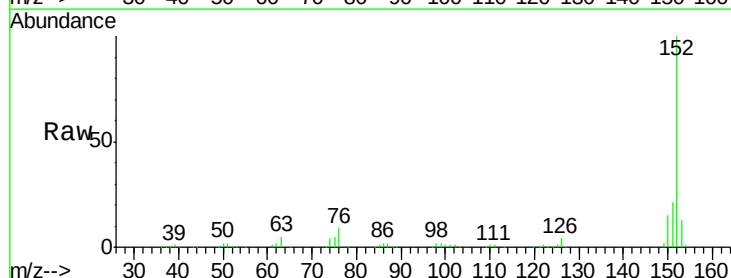
Tgt Ion: 152 Resp: 439321

Ion Ratio Lower Upper

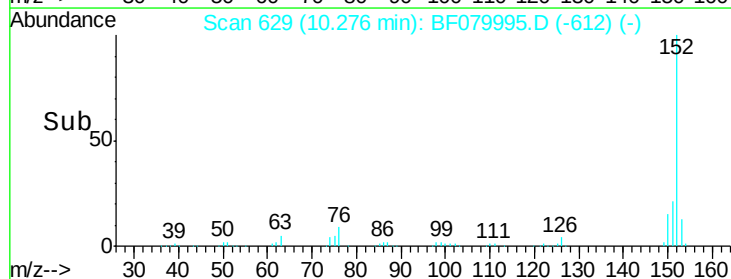
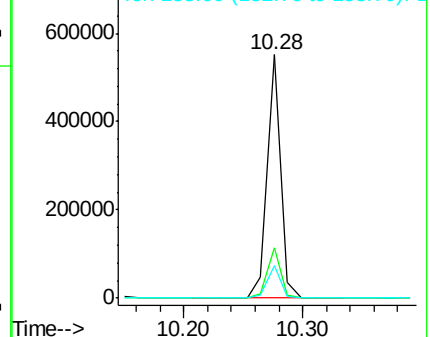
152 100

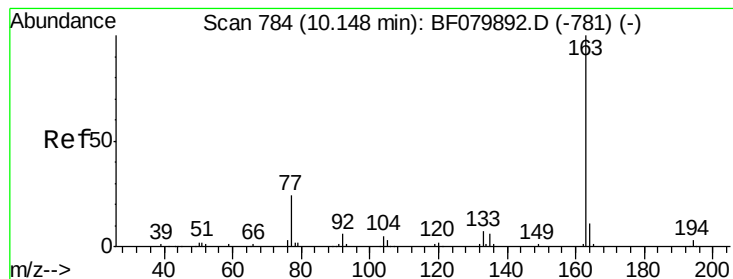
151 20.8 16.8 25.2

153 13.2 10.8 16.2



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





#49

Dimethylphthalate

Concen: 37.44 ng

RT: 10.10 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB84048BS

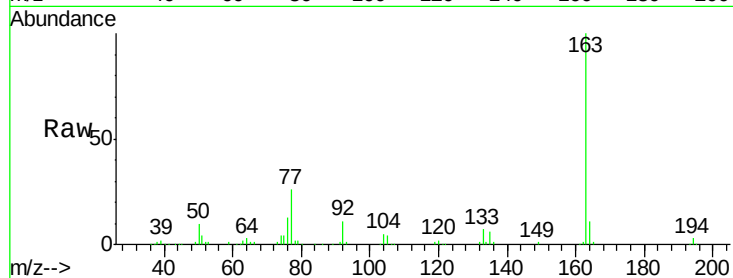
Tgt Ion:163 Resp: 293006

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

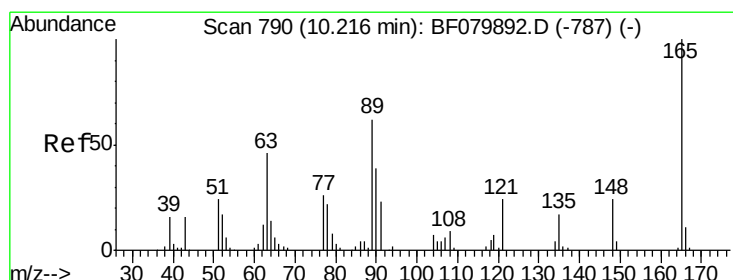
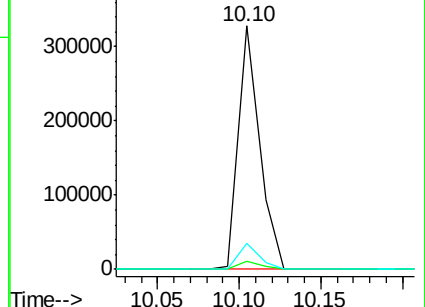
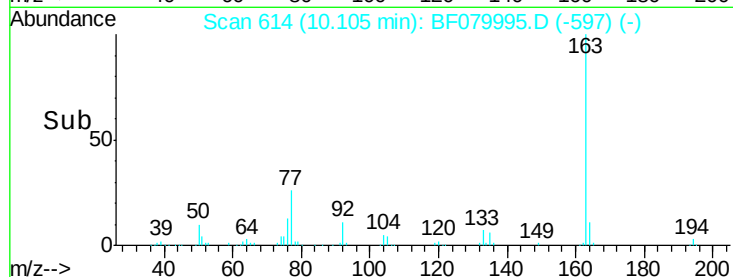
164 10.6 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.19 ng

RT: 10.17 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

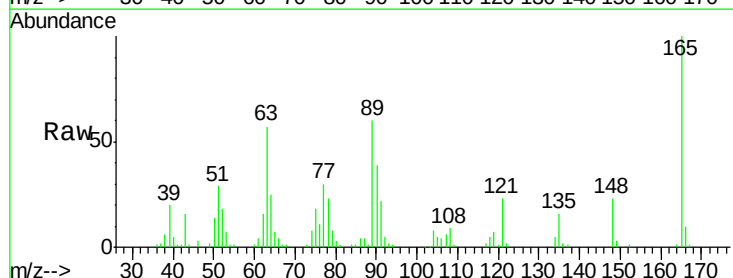
Tgt Ion:165 Resp: 62837

Ion Ratio Lower Upper

165 100

63 57.1 46.4 69.6

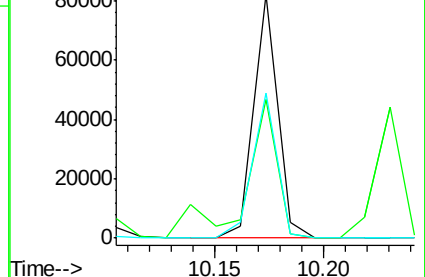
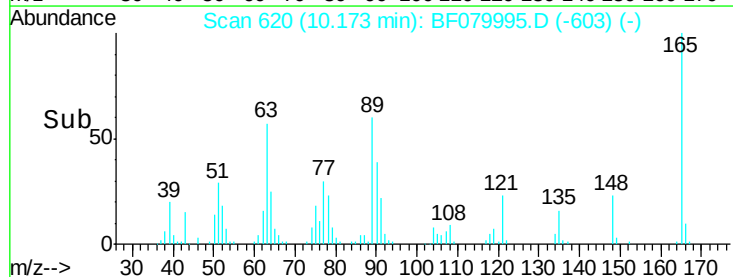
89 59.6 49.6 74.4

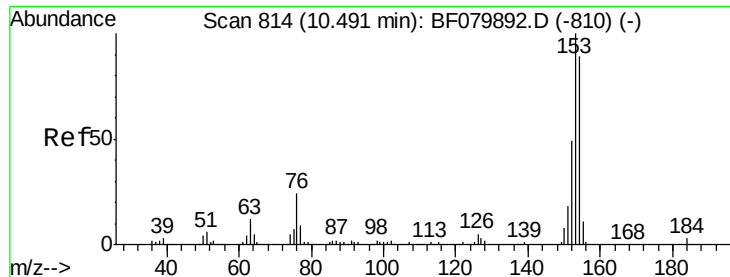


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.29 ng

RT: 10.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB84048BS

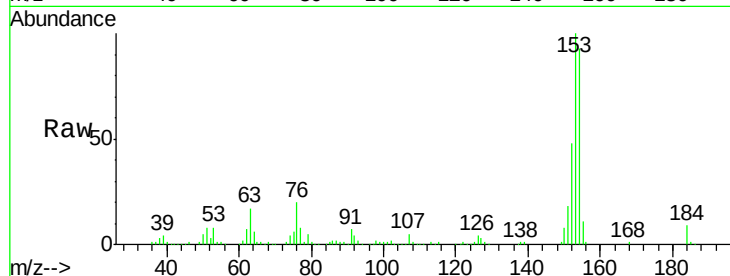
Tgt Ion:154 Resp: 266635

Ion Ratio Lower Upper

154 100

153 107.8 90.0 135.0

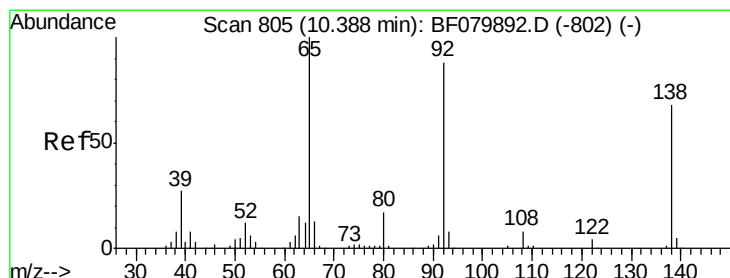
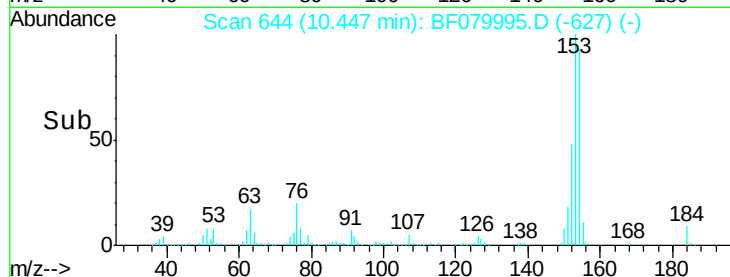
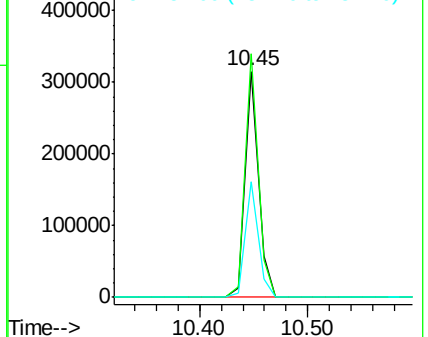
152 51.5 43.7 65.5



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: 30.88 ng

RT: 10.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

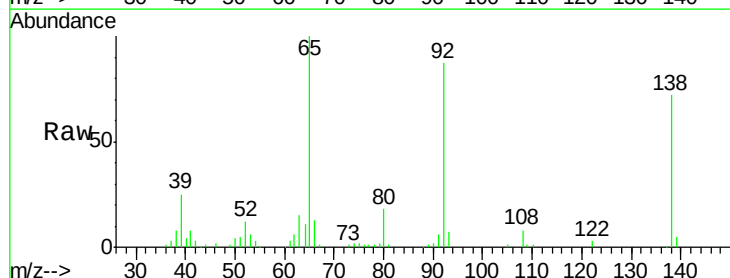
Tgt Ion:138 Resp: 51790

Ion Ratio Lower Upper

138 100

108 11.1 9.0 13.6

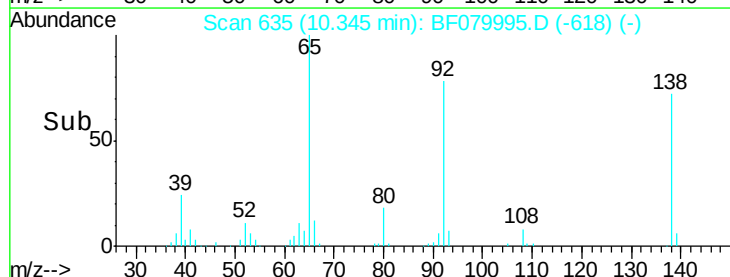
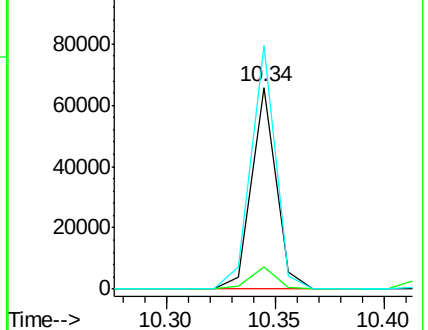
92 120.5 103.1 154.7

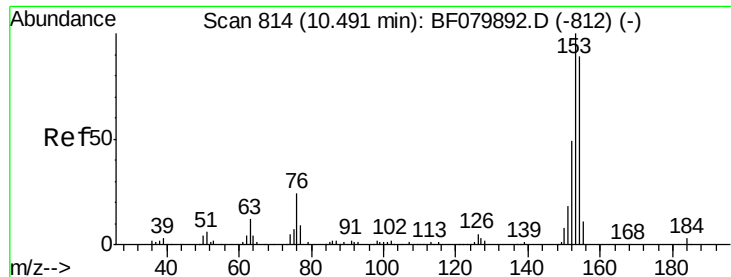


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

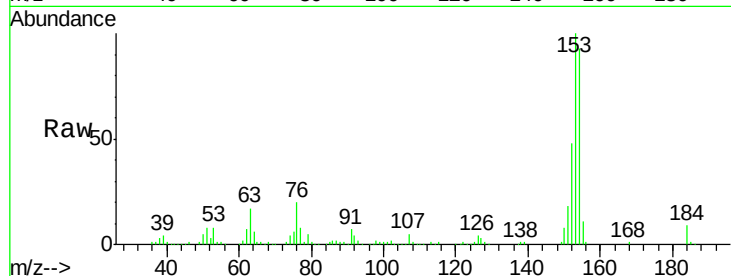




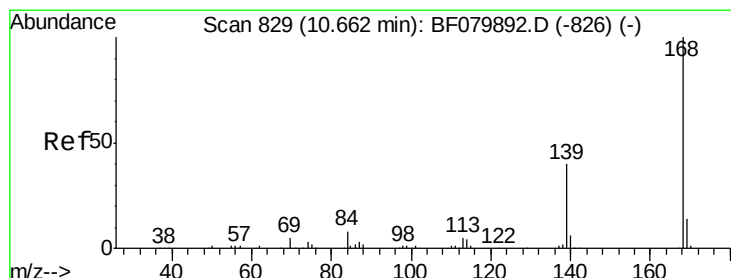
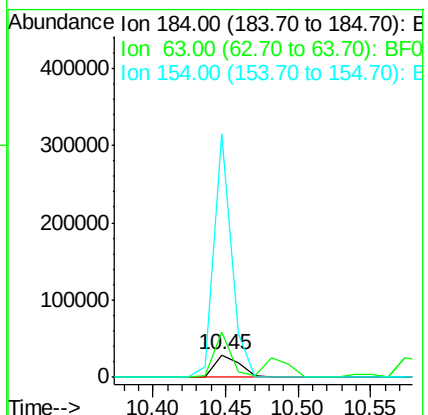
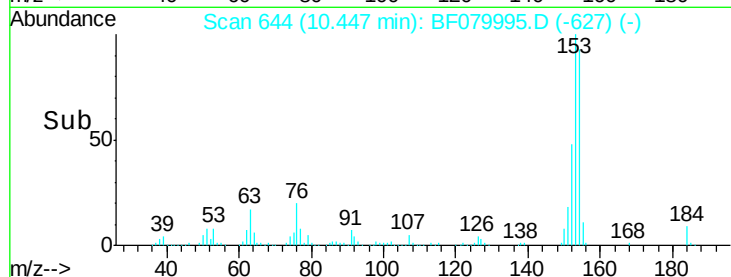
#53
2,4-Dinitrophenol
Concen: 98.41 ng
RT: 10.45 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84048BS

Tgt Ion:184 Resp: 34682
Ion Ratio Lower Upper
184 100
63 203.5 357.0 535.4#
154 1082.4 2660.2 3990.4#

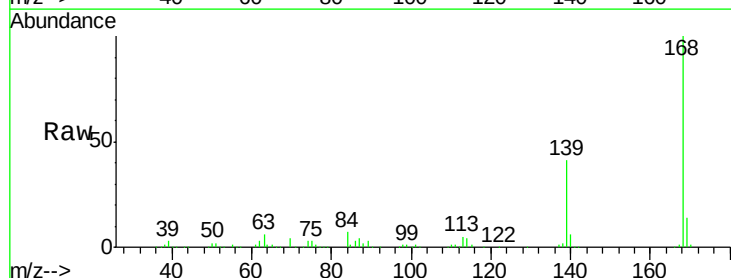


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

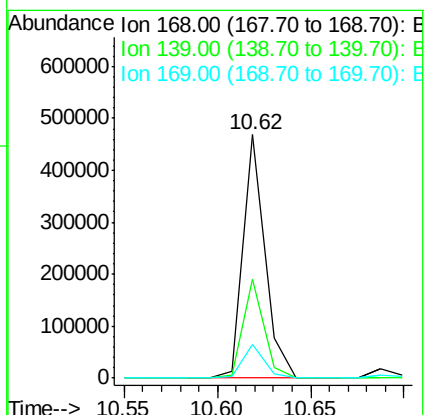
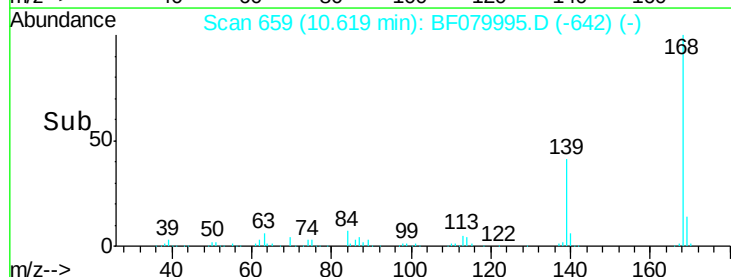


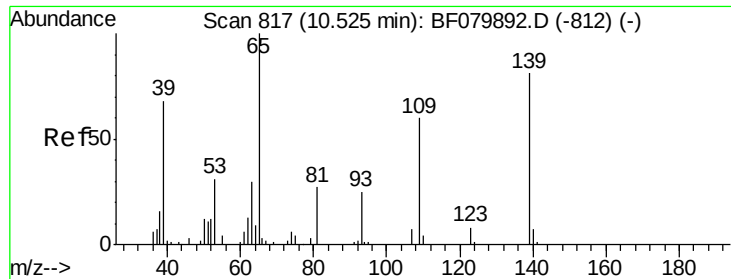
#54
Dibenzofuran
Concen: 40.56 ng
RT: 10.62 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion:168 Resp: 382712
Ion Ratio Lower Upper
168 100
139 40.5 32.2 48.2
169 13.8 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

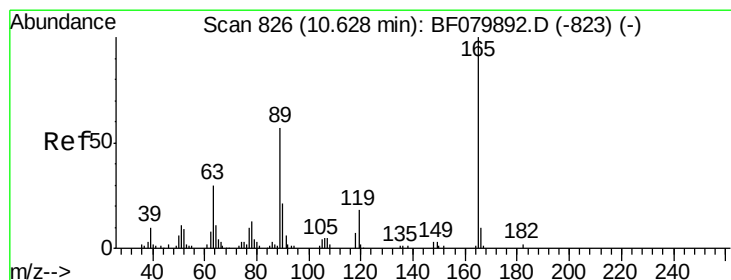
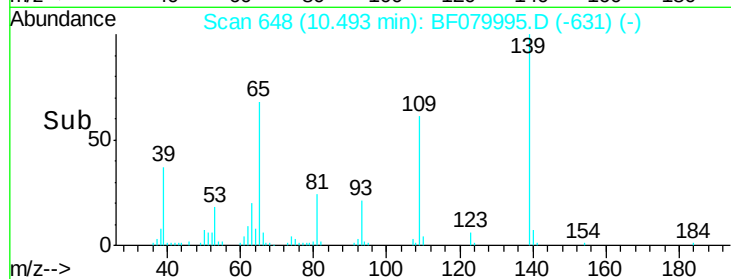
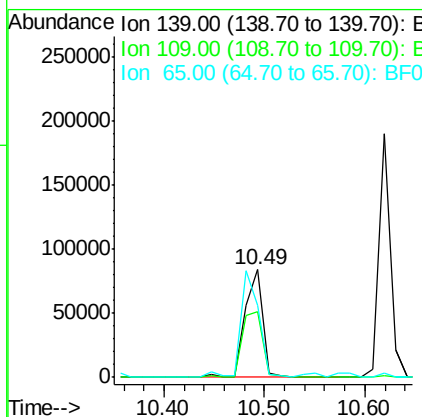
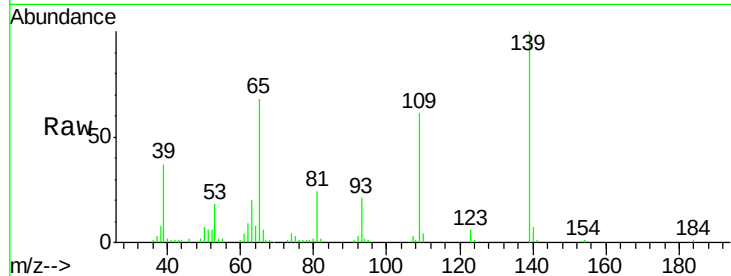




#55
4-Nitrophenol
Concen: 81.86 ng
RT: 10.49 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

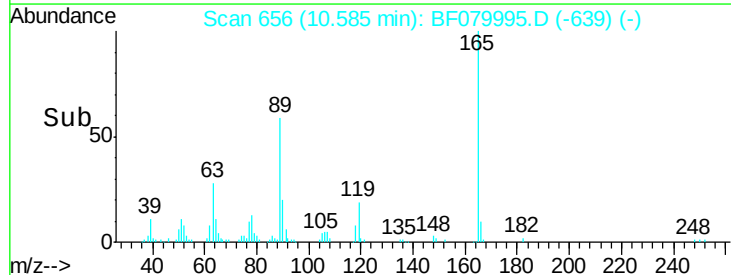
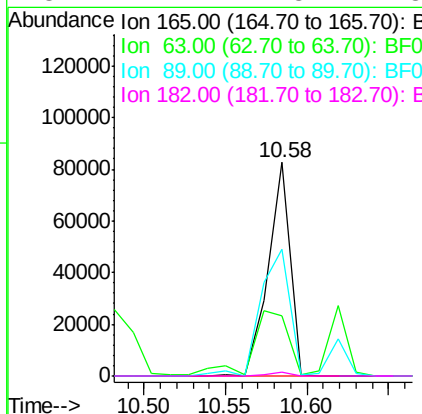
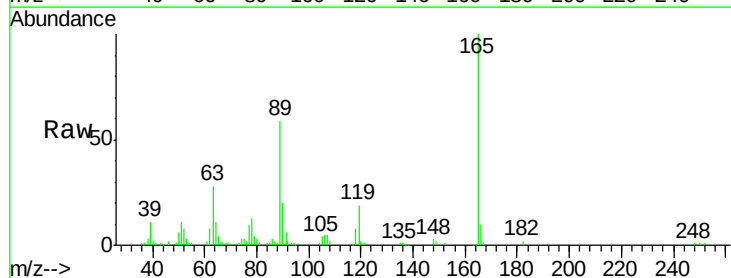
Instrument :
BNA_F
ClientSampleId :
PB84048BS

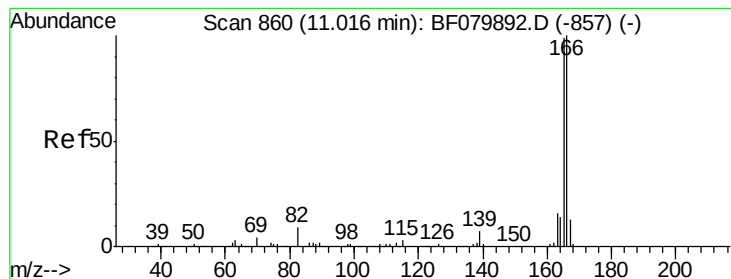
Tgt Ion:139 Resp: 102332
Ion Ratio Lower Upper
139 100
109 61.4 54.8 94.8
65 67.5 104.8 144.8#



#56
2,4-Dinitrotoluene
Concen: 41.56 ng
RT: 10.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion:165 Resp: 77411
Ion Ratio Lower Upper
165 100
63 28.4 24.3 36.5
89 59.1 45.4 68.2
182 2.1 1.8 2.8





#57

Fluorene

Concen: 35.71 ng

RT: 10.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB84048BS

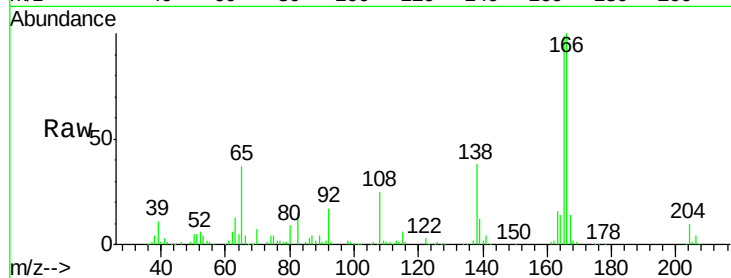
Tgt Ion:166 Resp: 293701

Ion Ratio Lower Upper

166 100

165 99.2 79.0 118.6

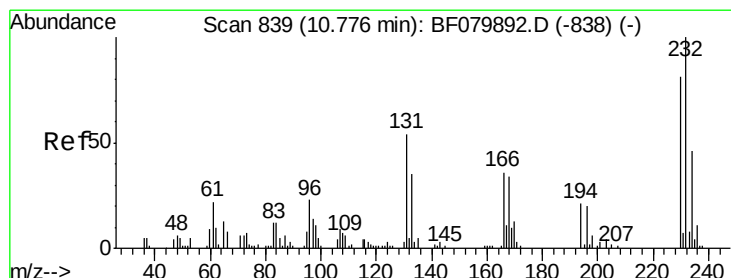
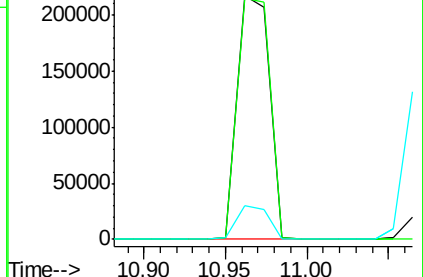
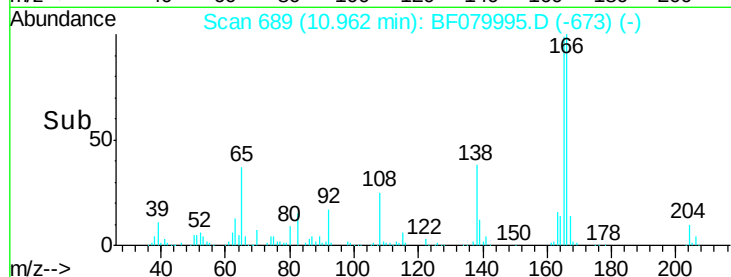
167 13.8 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.47 ng

RT: 10.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Tgt Ion:232 Resp: 78379

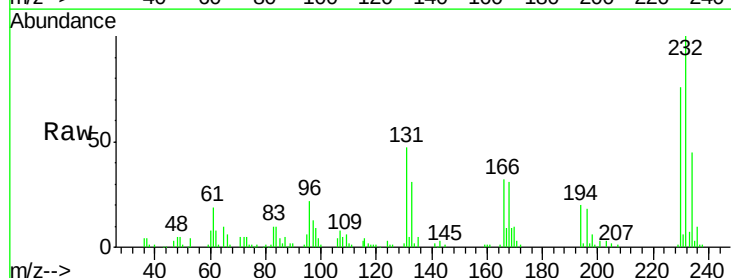
Ion Ratio Lower Upper

232 100

131 45.0 35.4 53.2

130 1.9 1.5 2.3

166 30.9 24.1 36.1

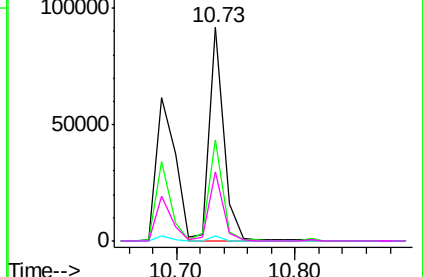
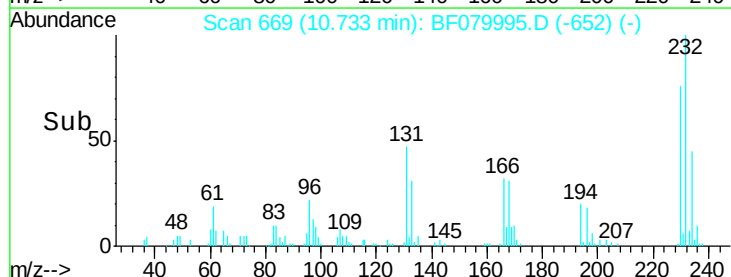


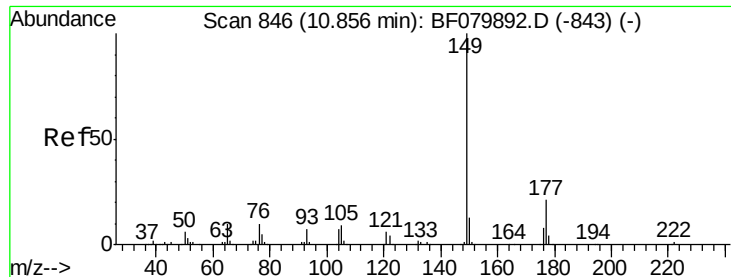
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

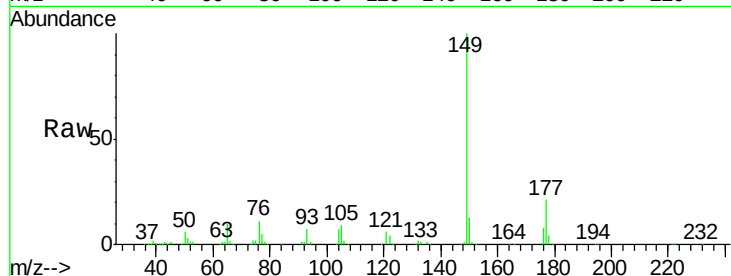




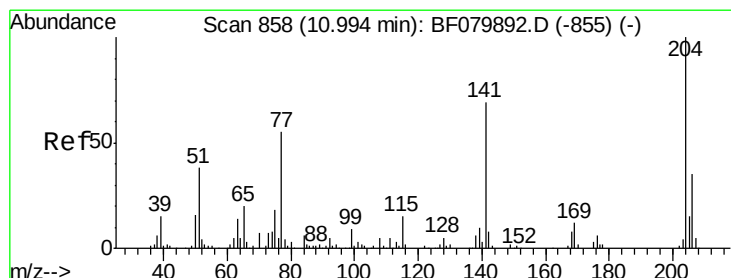
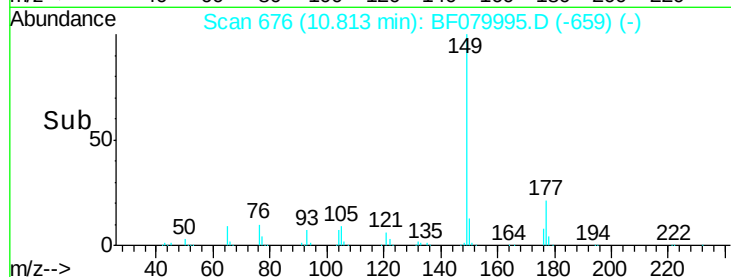
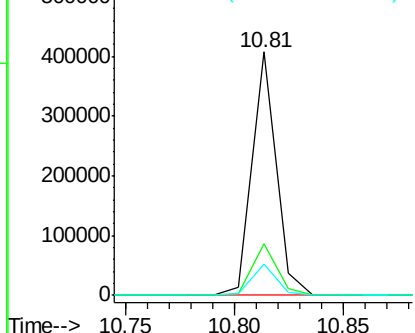
#59
Diethylphthalate
Concen: 40.27 ng
RT: 10.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84048BS

Tgt Ion:149 Resp: 315106
Ion Ratio Lower Upper
149 100
177 21.1 16.9 25.3
150 12.6 10.4 15.6

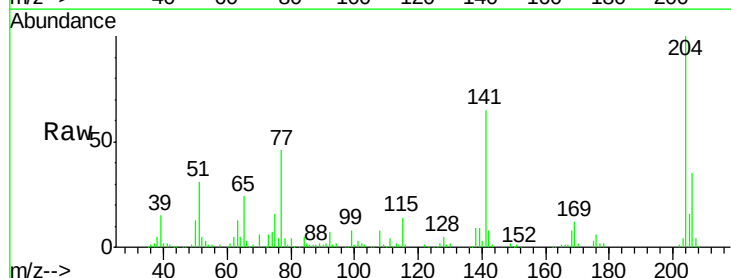


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

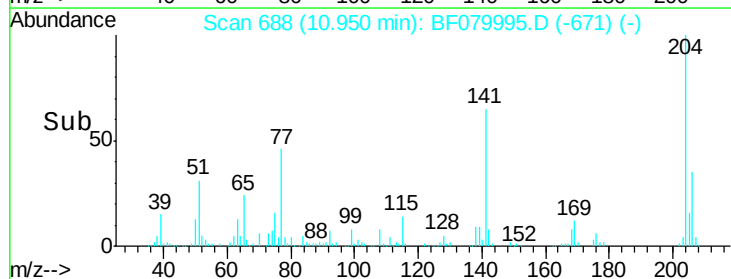
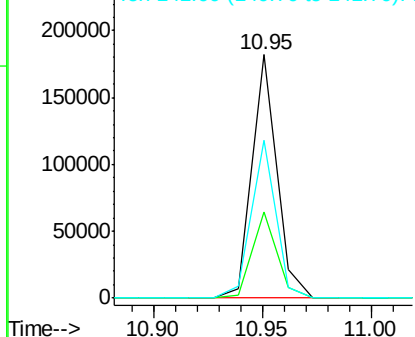


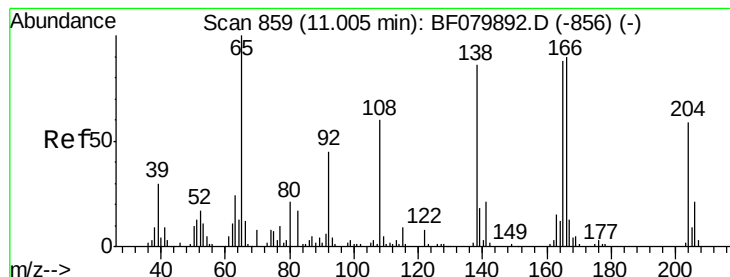
#60
4-Chlorophenyl-phenylether
Concen: 39.35 ng
RT: 10.95 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion:204 Resp: 144548
Ion Ratio Lower Upper
204 100
206 35.5 28.0 42.0
141 64.9 55.3 82.9



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





#61

4-Nitroaniline

Concen: 39.31 ng

RT: 10.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB84048BS

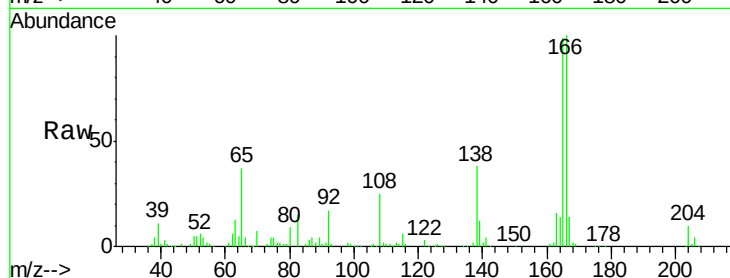
Tgt Ion:138 Resp: 70580

Ion Ratio Lower Upper

138 100

92 45.9 32.9 72.9

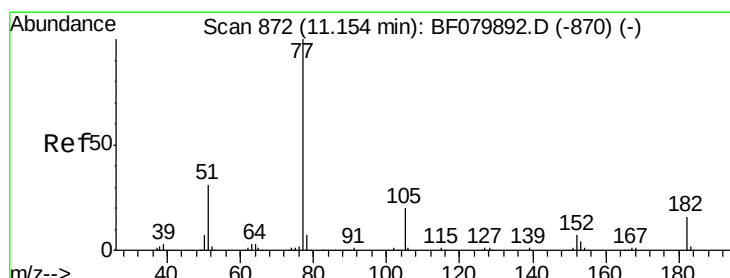
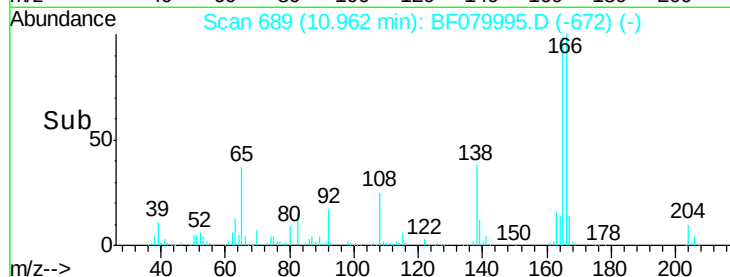
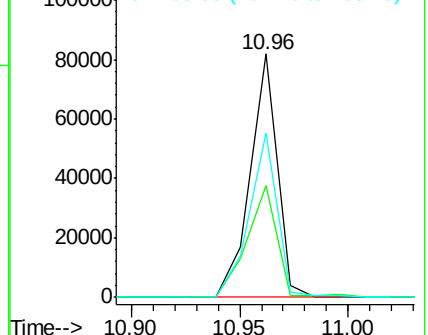
108 67.3 50.4 90.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.55 ng

RT: 11.11 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Tgt Ion: 77 Resp: 305332

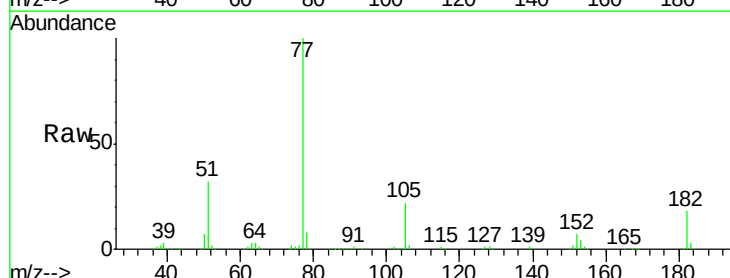
Ion Ratio Lower Upper

77 100

182 18.4 0.0 35.9

105 21.5 0.1 40.1

51 32.4 11.5 51.5

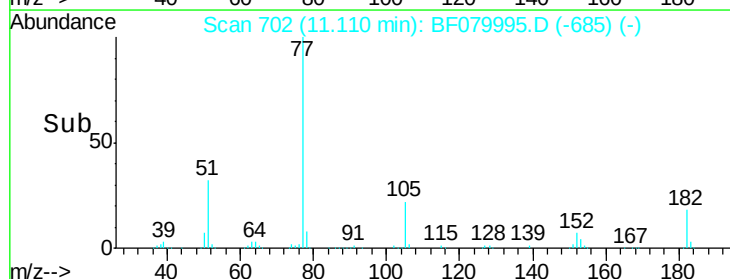
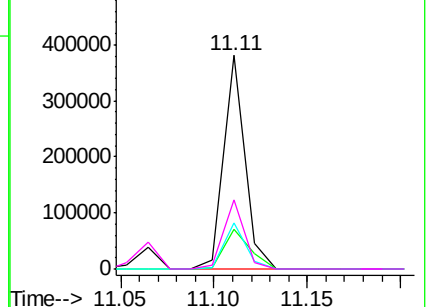


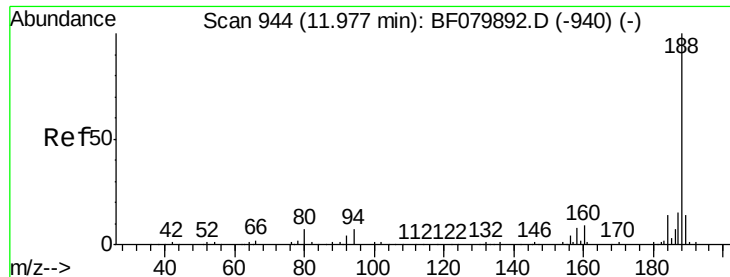
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

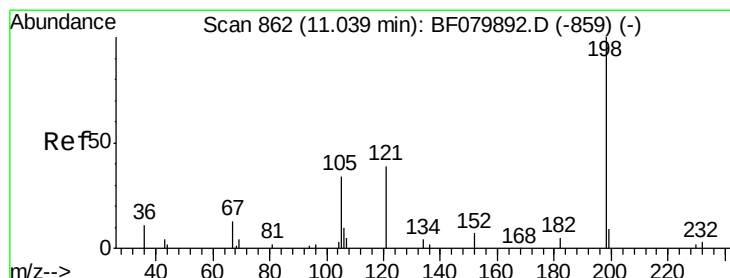
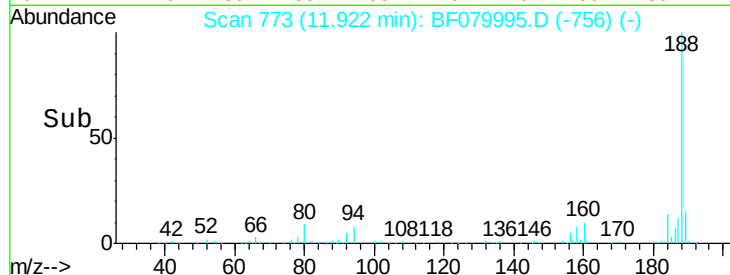
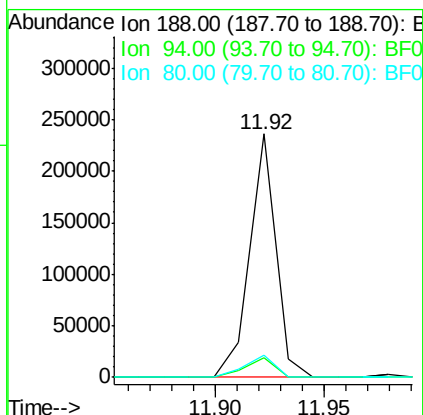
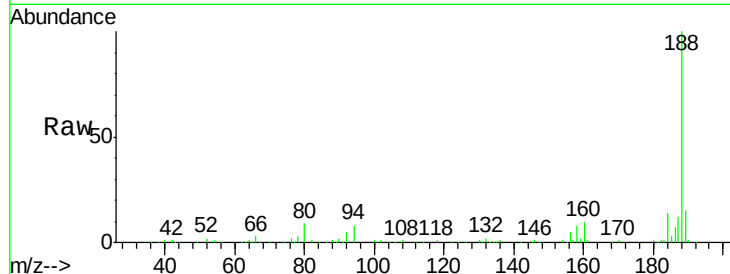




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.92 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

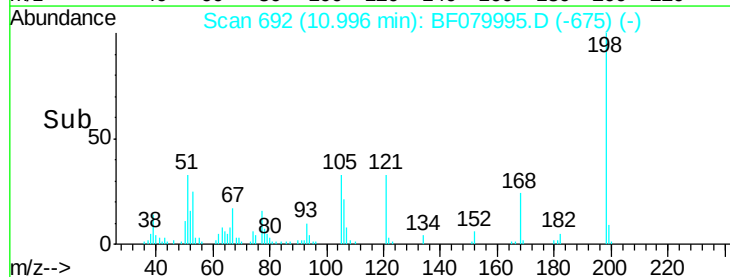
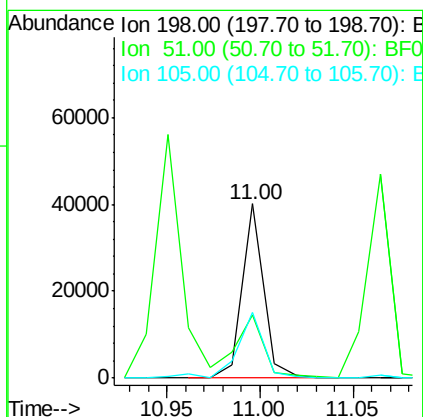
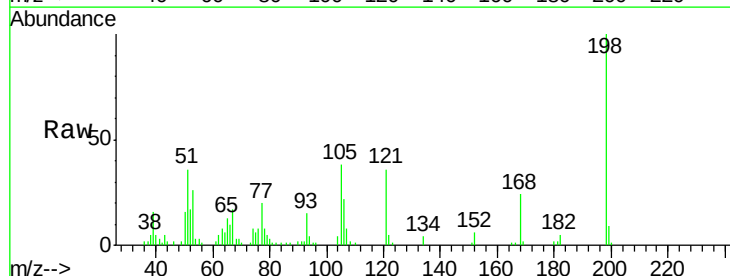
Instrument :
BNA_F
ClientSampleId :
PB84048BS

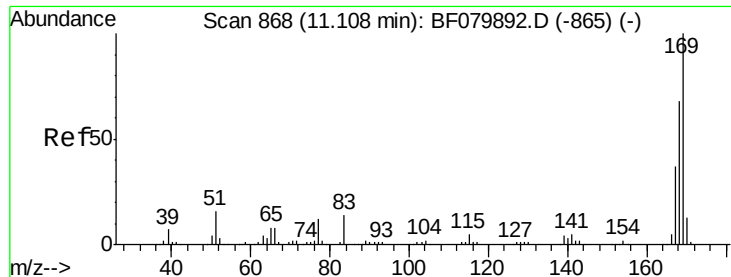
Tgt Ion:188 Resp: 197849
Ion Ratio Lower Upper
188 100
94 8.1 5.8 8.8
80 9.0 5.9 8.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 67.03 ng
RT: 11.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion:198 Resp: 32521
Ion Ratio Lower Upper
198 100
51 36.2 22.1 62.1
105 38.0 22.7 62.7

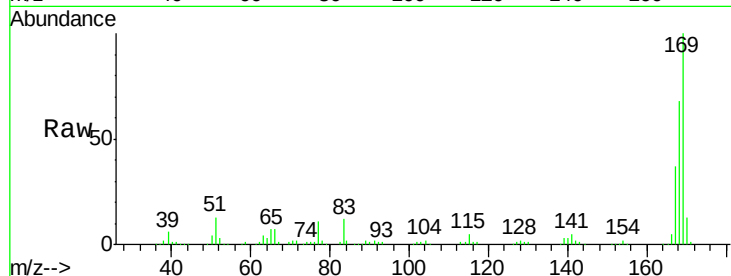




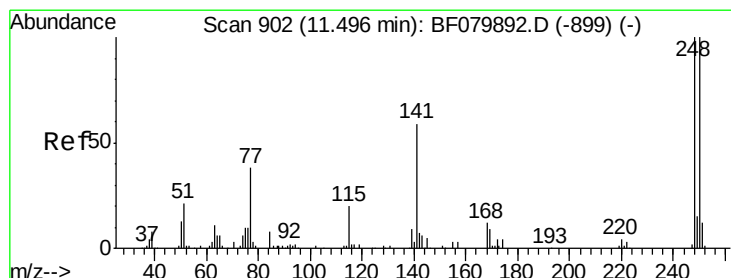
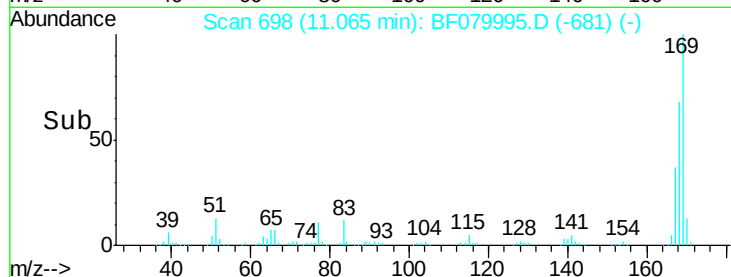
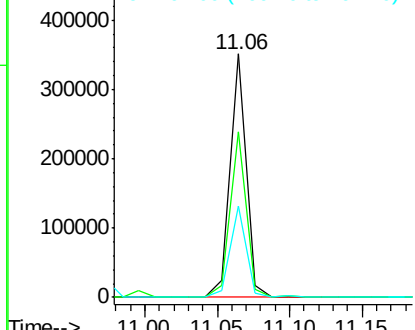
#65
 n-Nitrosodiphenylamine
 Concen: 42.47 ng
 RT: 11.06 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Tgt Ion:169 Resp: 271244
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.2 81.4
 167 37.3 29.7 44.5

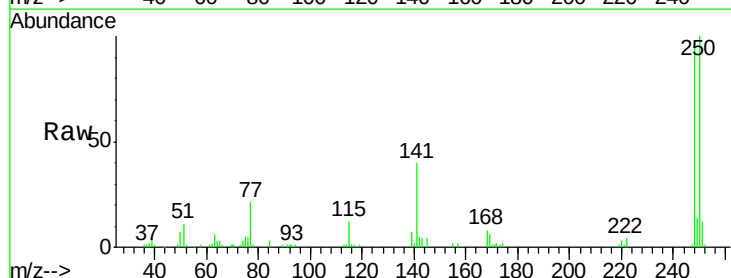


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

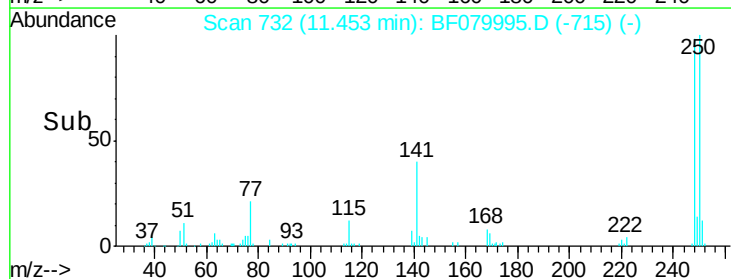
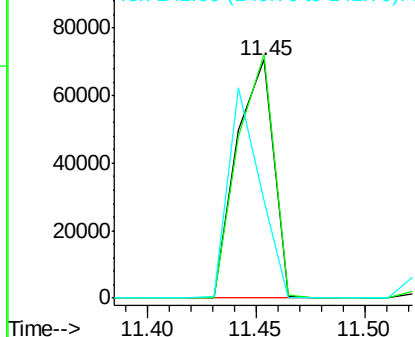


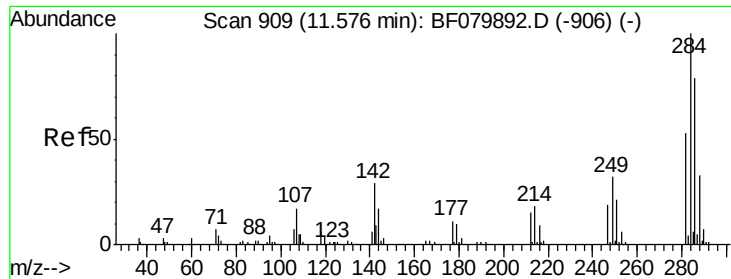
#66
 4-Bromophenyl-phenylether
 Concen: 37.38 ng
 RT: 11.45 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion:248 Resp: 82878
 Ion Ratio Lower Upper
 248 100
 250 102.1 80.2 120.2
 141 41.2 46.9 70.3#



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

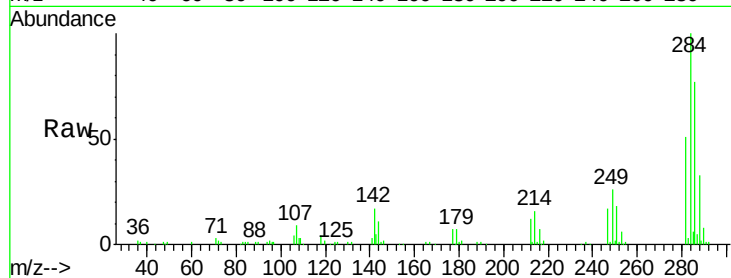




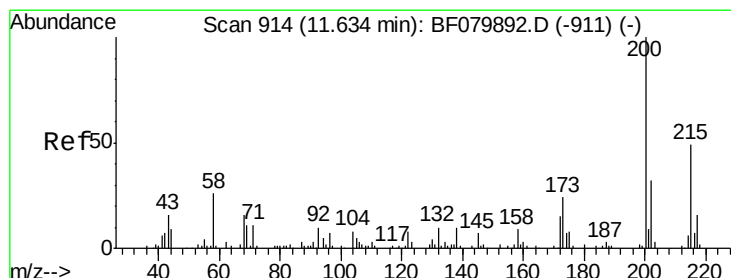
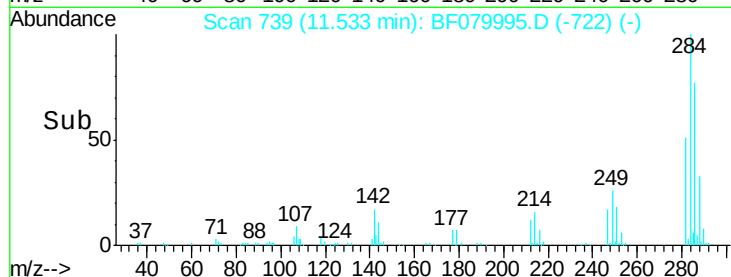
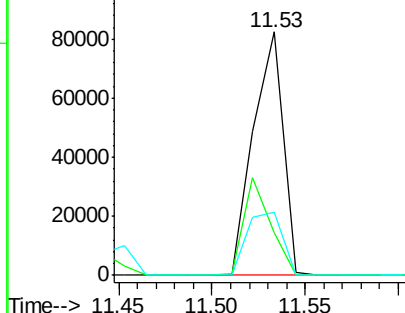
#67
Hexachlorobenzene
Concen: 37.58 ng
RT: 11.53 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Instrument :
BNA_F
ClientSampleId :
PB84048BS

Tgt Ion: 284 Resp: 90880
Ion Ratio Lower Upper
284 100
142 17.5 23.5 35.3#
249 25.8 25.3 37.9

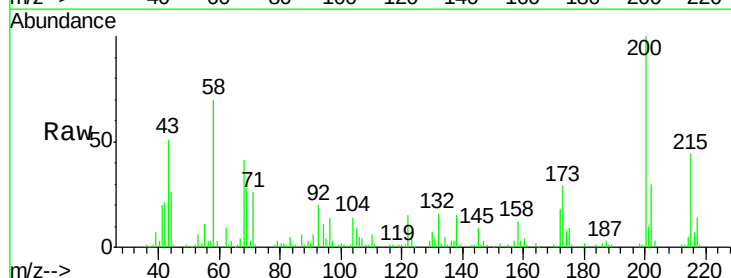


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

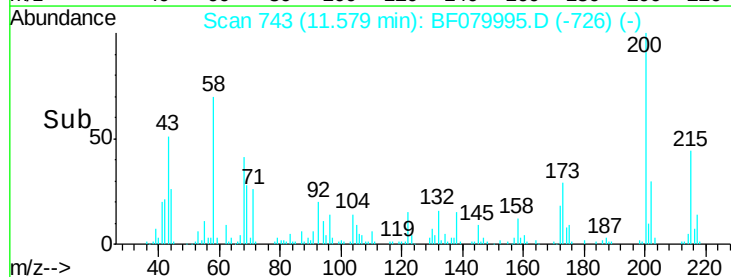
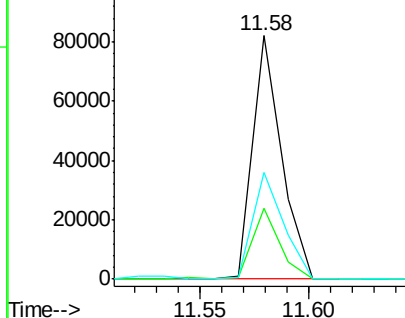


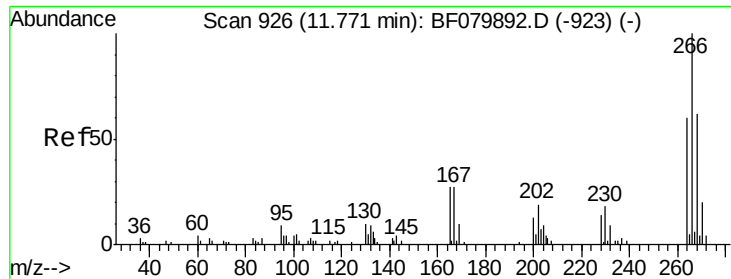
#68
Atrazine
Concen: 38.47 ng
RT: 11.58 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion: 200 Resp: 75618
Ion Ratio Lower Upper
200 100
173 28.8 4.1 44.1
215 43.9 29.2 69.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

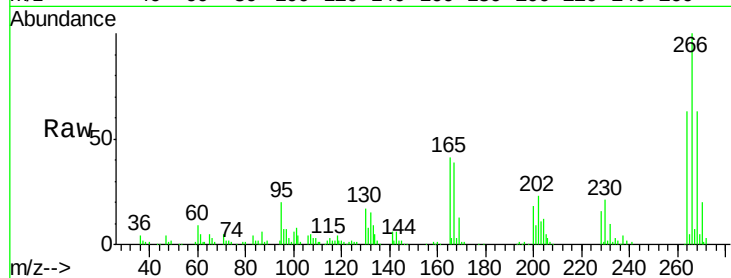




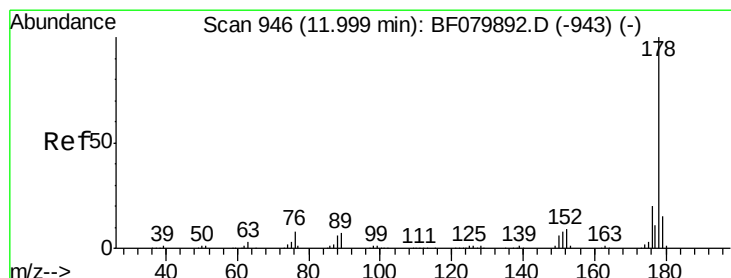
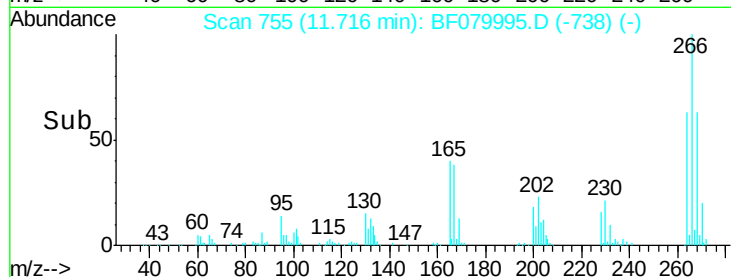
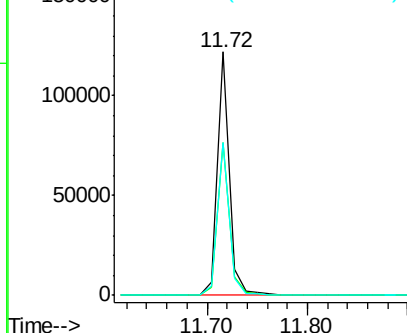
#69
 Pentachlorophenol
 Concen: 88.26 ng
 RT: 11.72 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

Tgt Ion:266 Resp: 101097
 Ion Ratio Lower Upper
 266 100
 268 62.8 49.4 74.2
 264 62.9 47.7 71.5

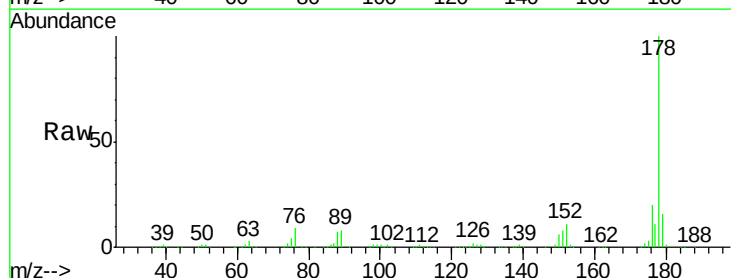


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

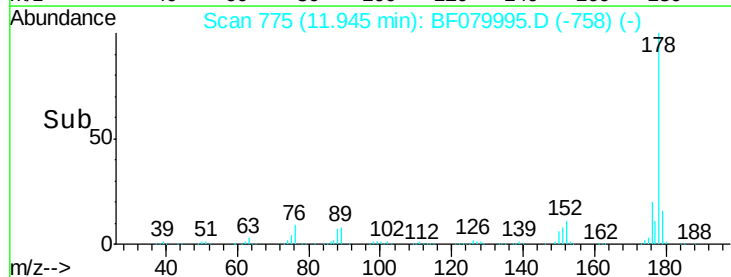
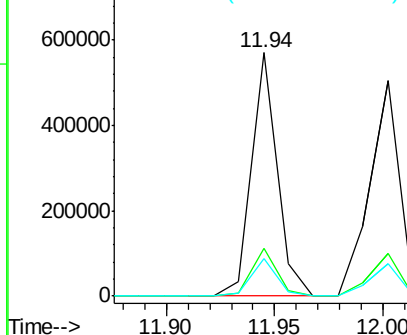


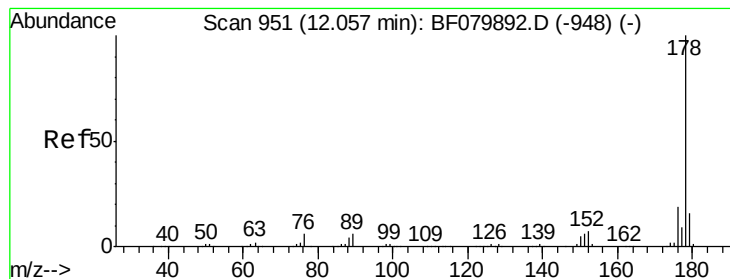
#70
 Phenanthrene
 Concen: 39.77 ng
 RT: 11.94 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion:178 Resp: 468941
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.5 12.3 18.5



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





#71

Anthracene

Concen: 41.69 ng

RT: 12.00 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB84048BS

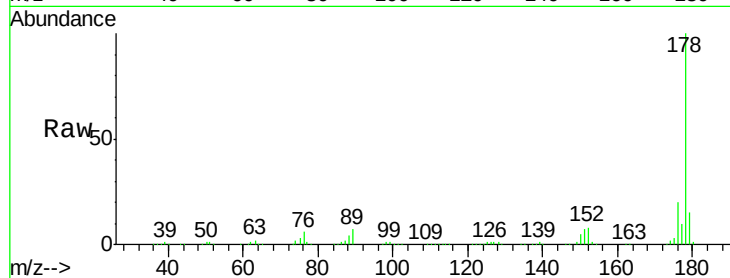
Tgt Ion:178 Resp: 475658

Ion Ratio Lower Upper

178 100

176 19.7 15.2 22.8

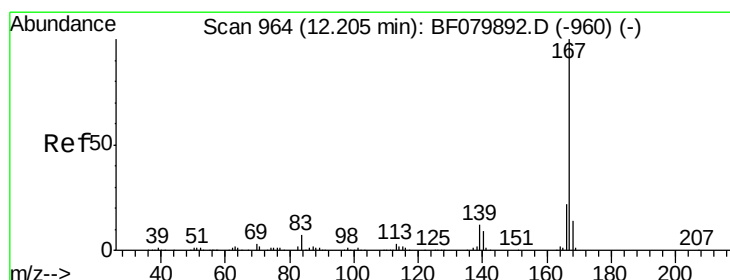
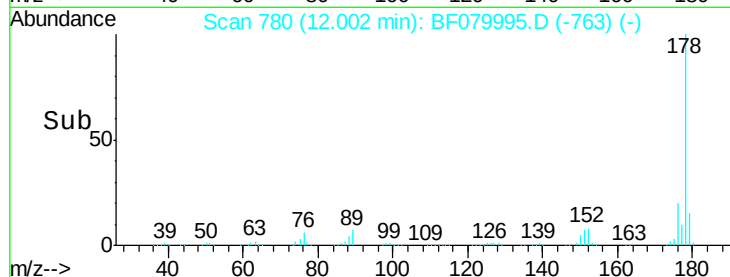
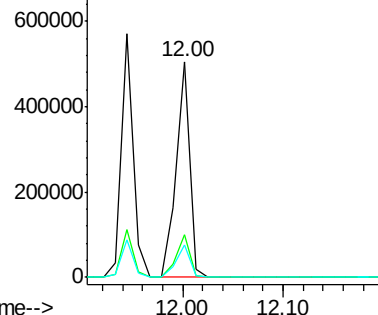
179 15.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.64 ng

RT: 12.15 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

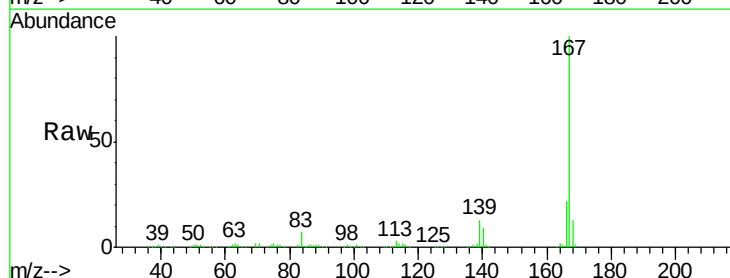
Tgt Ion:167 Resp: 427602

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.2

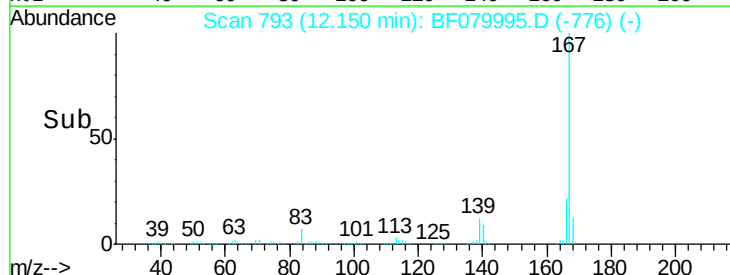
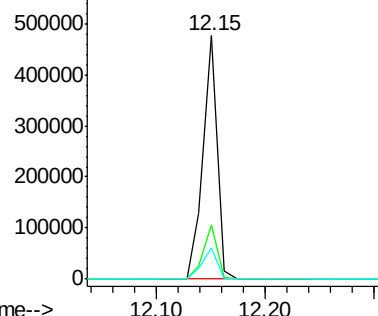
139 12.5 9.5 14.3

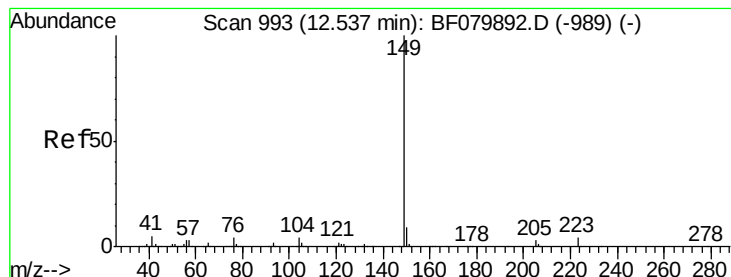


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.09 ng

RT: 12.48 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB84048BS

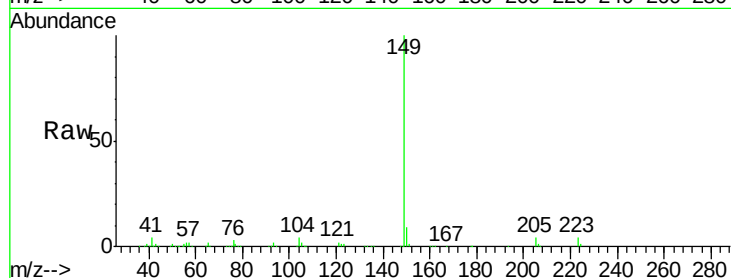
Tgt Ion:149 Resp: 447183

Ion Ratio Lower Upper

149 100

150 8.7 7.2 10.8

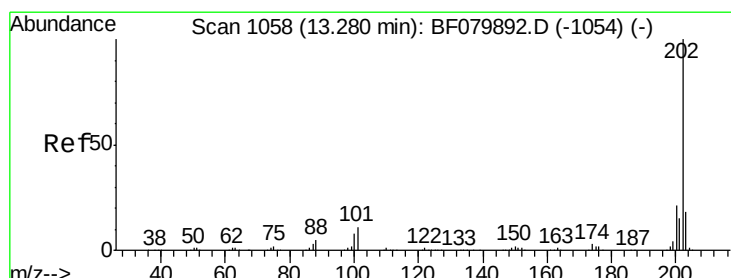
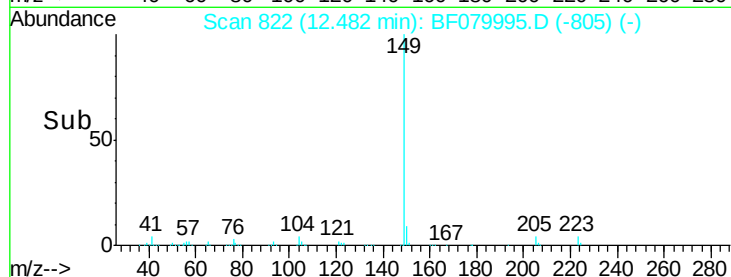
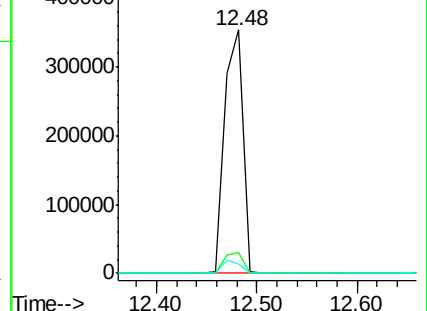
104 3.8 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.97 ng

RT: 13.21 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

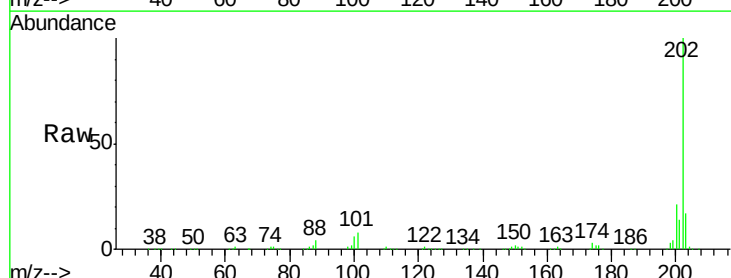
Tgt Ion:202 Resp: 494922

Ion Ratio Lower Upper

202 100

101 7.5 0.0 30.7

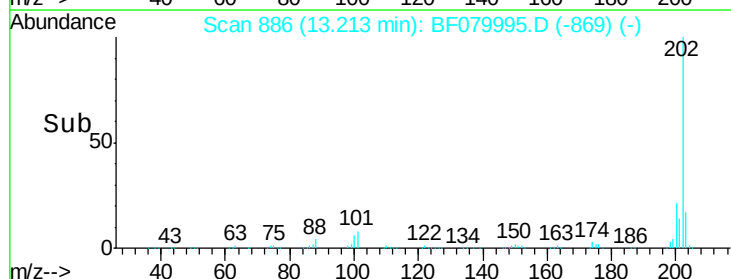
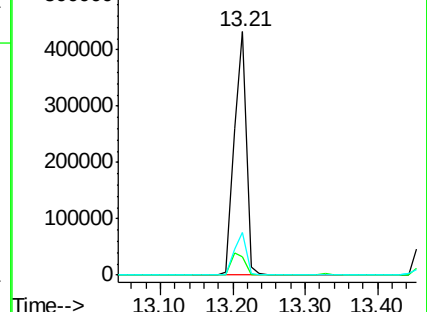
203 17.4 0.0 38.0

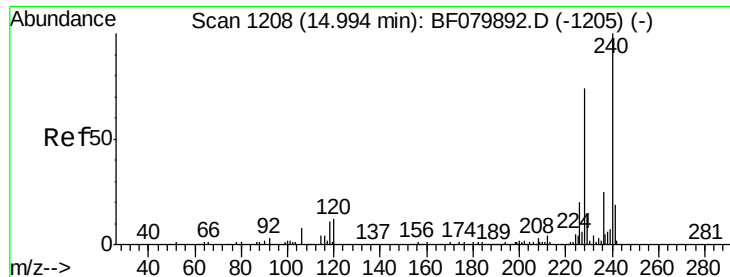


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampled :

PB84048BS

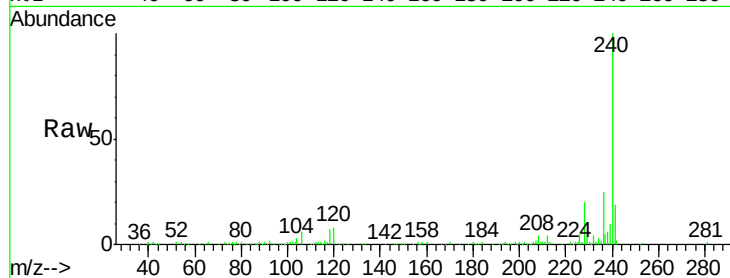
Tgt Ion:240 Resp: 217108

Ion Ratio Lower Upper

240 100

120 8.4 9.4 14.2#

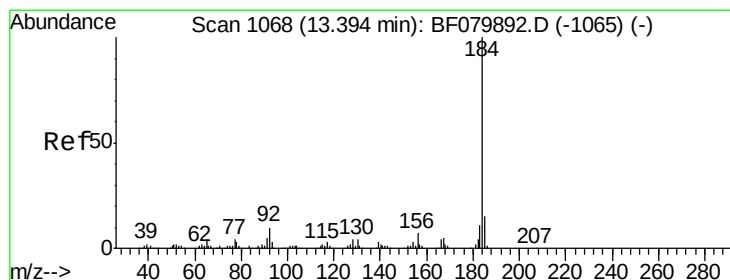
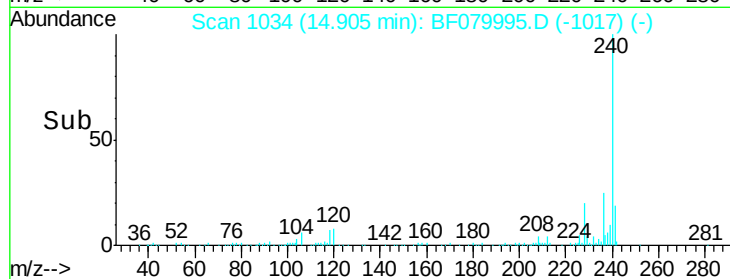
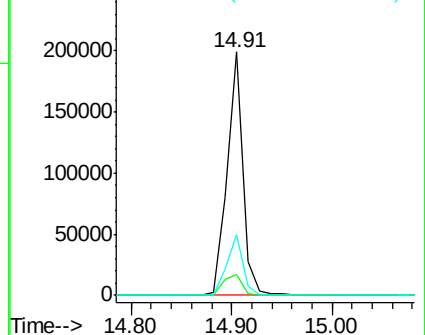
236 25.1 19.6 29.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 54.17 ng

RT: 13.33 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

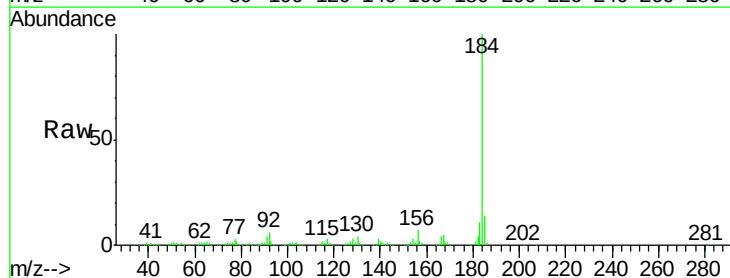
Tgt Ion:184 Resp: 325666

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

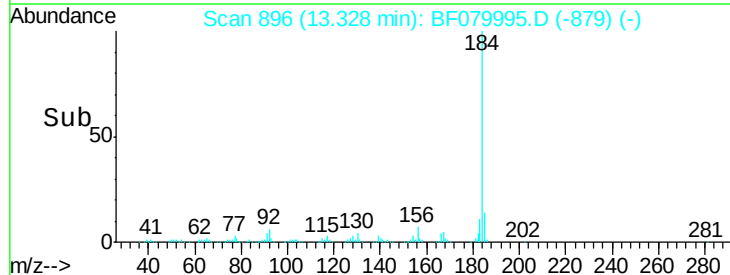
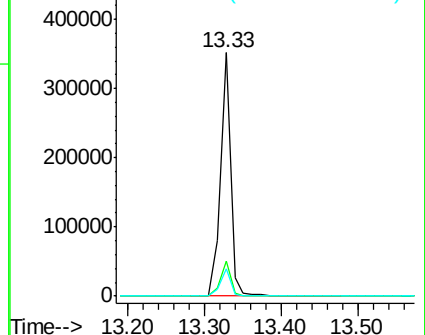
183 11.4 9.0 13.6

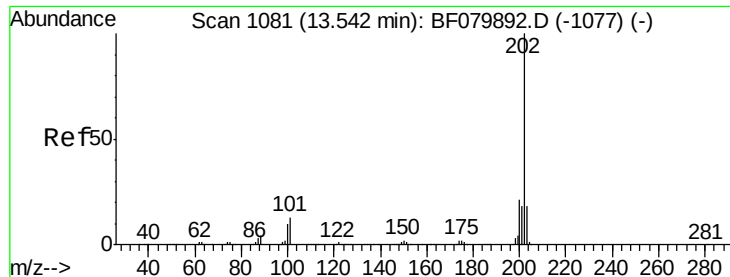


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.46 ng

RT: 13.46 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB84048BS

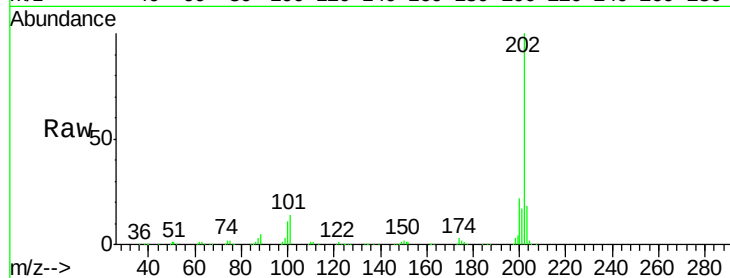
Tgt Ion:202 Resp: 510754

Ion Ratio Lower Upper

202 100

200 21.9 16.8 25.2

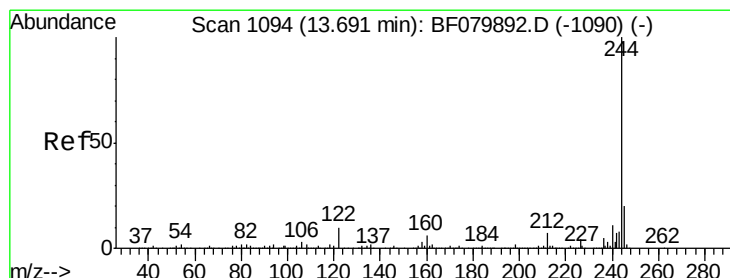
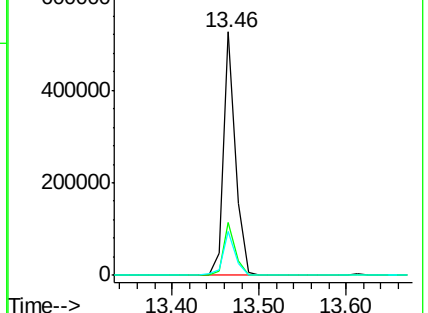
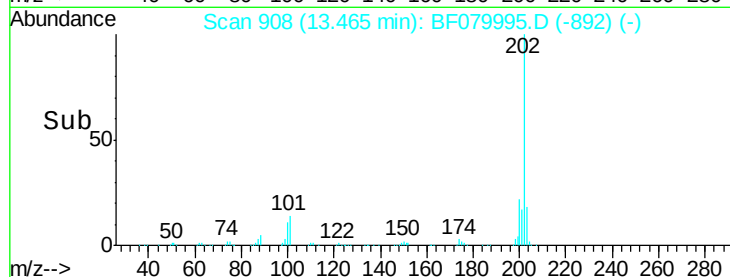
203 18.0 14.4 21.6



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: 77.60 ng

RT: 13.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

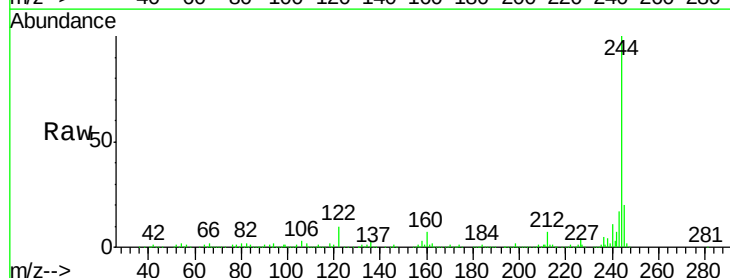
Tgt Ion:244 Resp: 730731

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

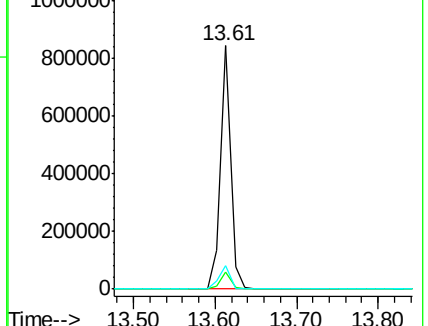
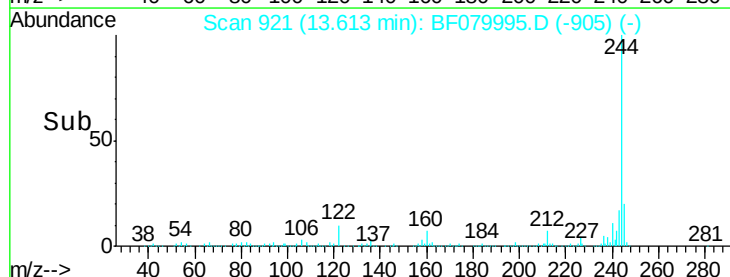
122 9.6 7.8 11.8

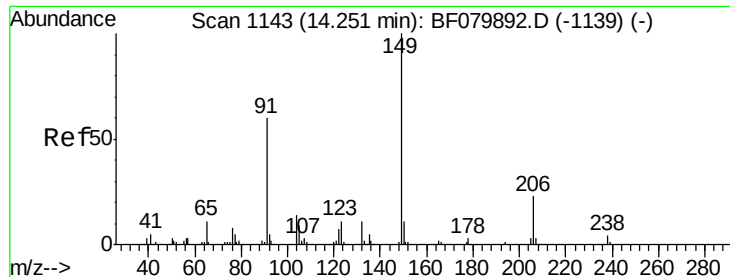


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

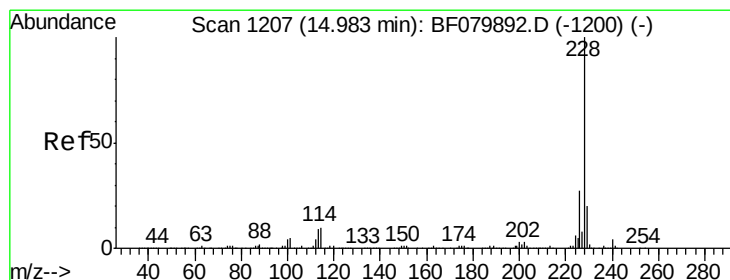
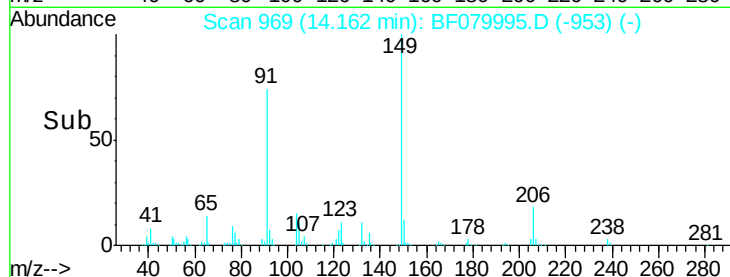
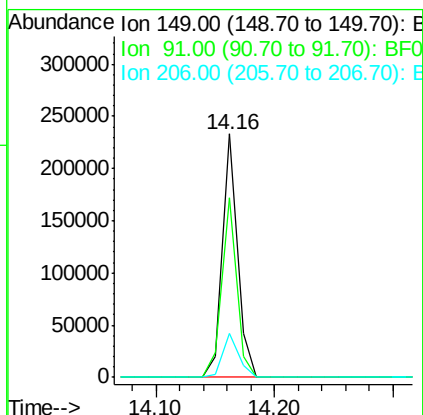
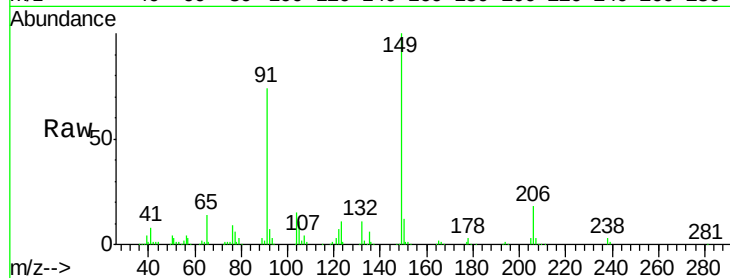




#79
Butylbenzylphthalate
Concen: 44.15 ng
RT: 14.16 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

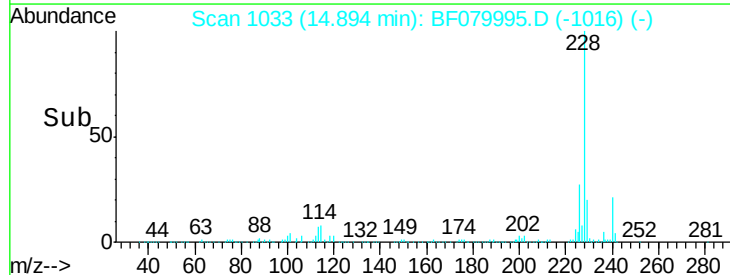
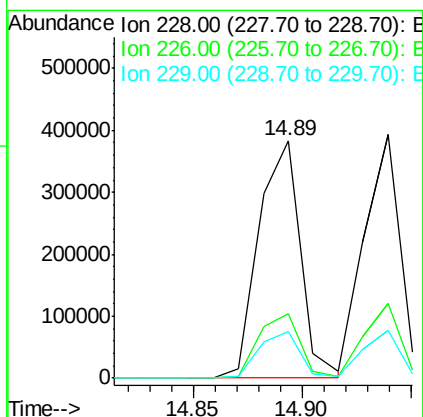
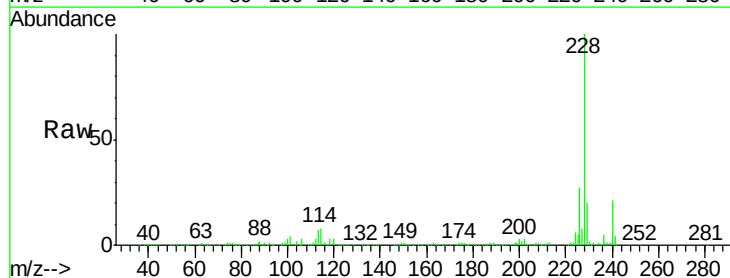
Instrument :
BNA_F
ClientSampleId :
PB84048BS

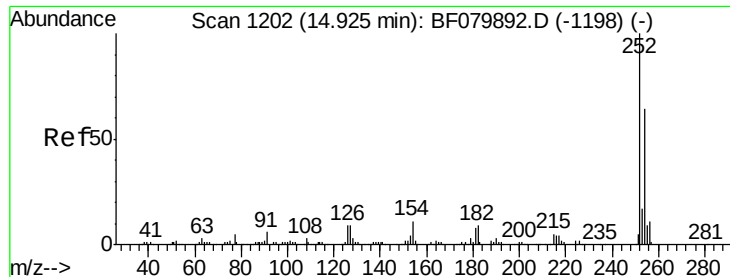
Tgt Ion:149 Resp: 203274
Ion Ratio Lower Upper
149 100
91 74.0 48.1 72.1#
206 18.3 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 37.19 ng
RT: 14.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion:228 Resp: 512751
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.8 15.9 23.9

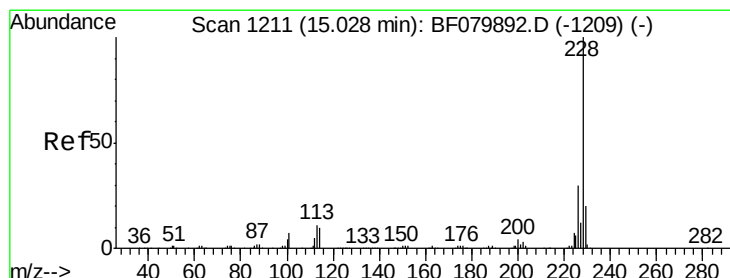
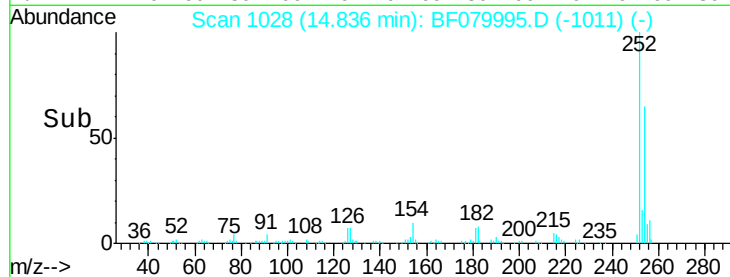
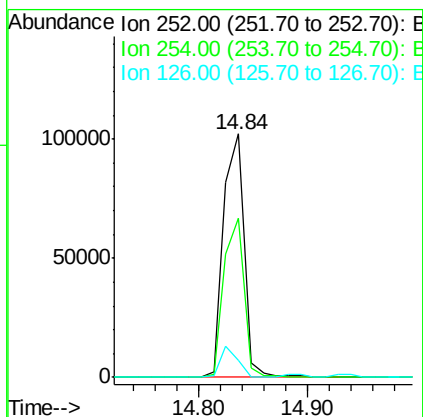
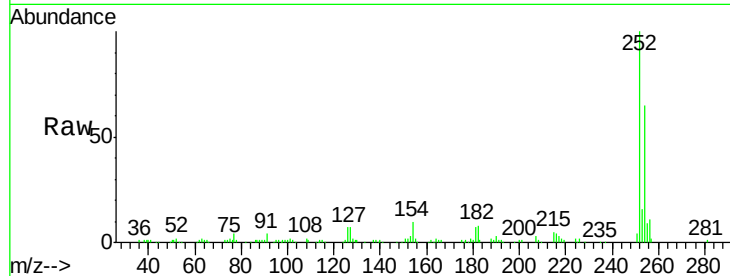




#81
 3,3'-Dichlorobenzidine
 Concen: 30.58 ng
 RT: 14.84 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

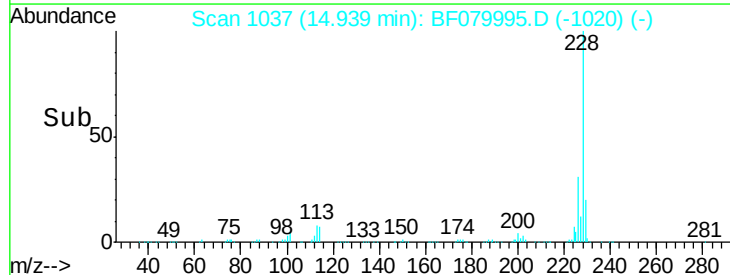
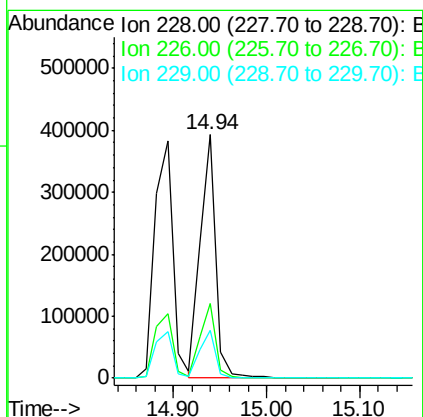
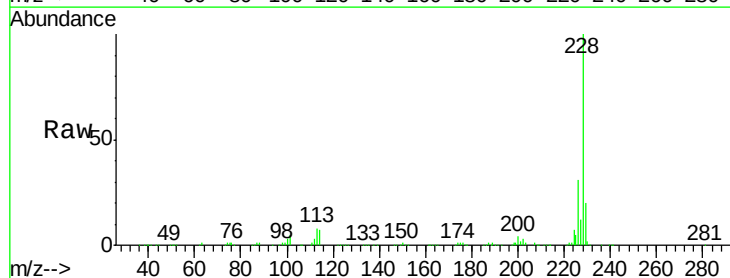
Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

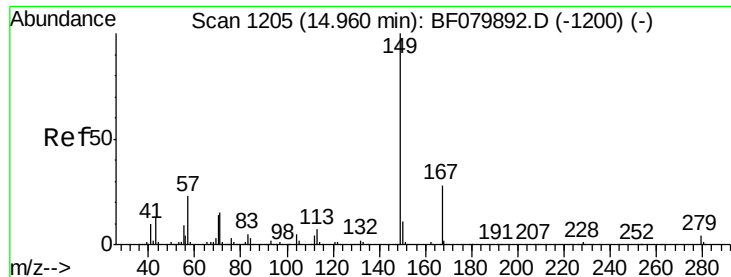
Tgt Ion: 252 Resp: 134801
 Ion Ratio Lower Upper
 252 100
 254 65.2 51.1 76.7
 126 6.9 7.3 10.9#



#82
 Chrysene
 Concen: 37.52 ng
 RT: 14.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion: 228 Resp: 459920
 Ion Ratio Lower Upper
 228 100
 226 30.6 23.9 35.9
 229 19.7 16.1 24.1

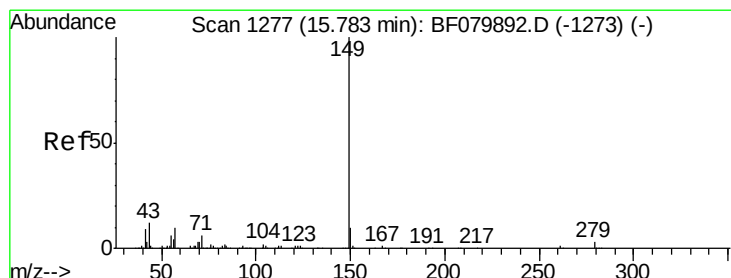
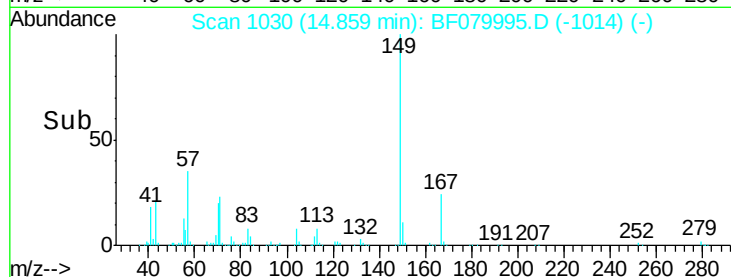
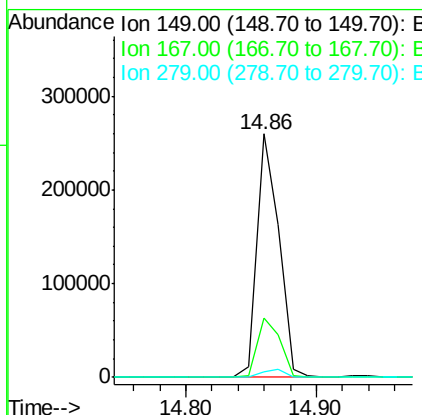
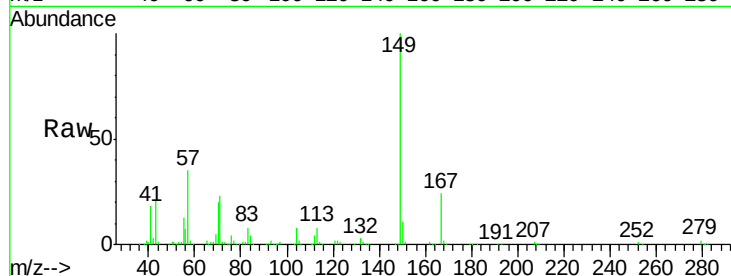




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.44 ng
 RT: 14.86 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

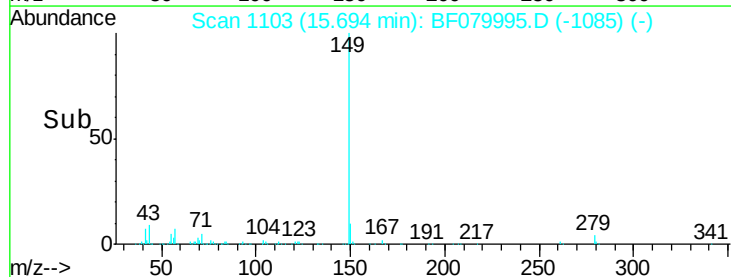
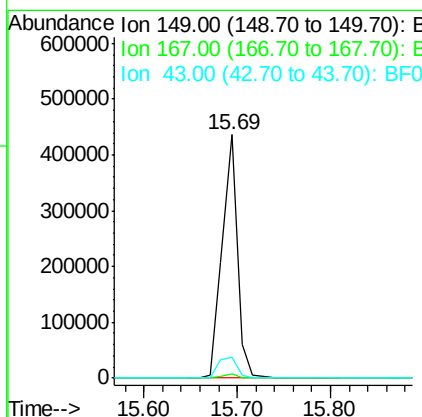
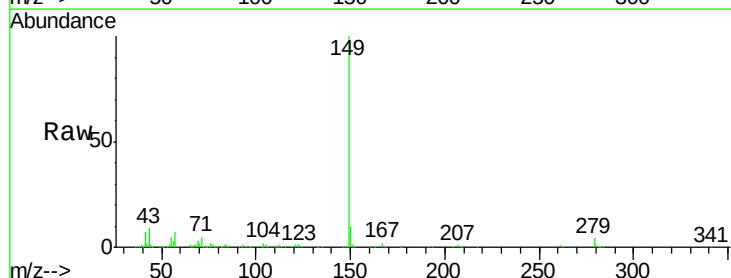
Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

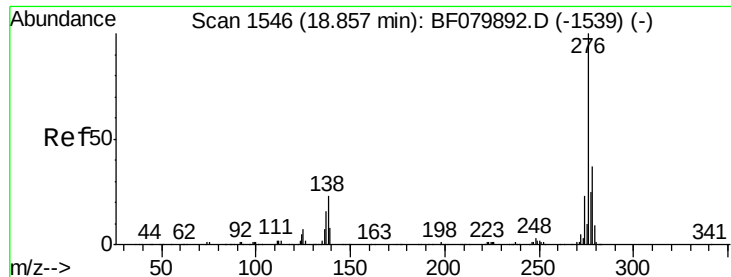
Tgt Ion:149 Resp: 305398
 Ion Ratio Lower Upper
 149 100
 167 24.4 22.2 33.4
 279 2.2 3.1 4.7#



#84
 Di-n-octyl phthalate
 Concen: 41.23 ng
 RT: 15.69 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion:149 Resp: 495545
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 10.6 8.8 13.2

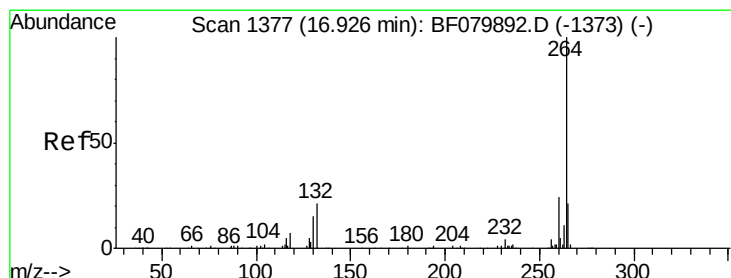
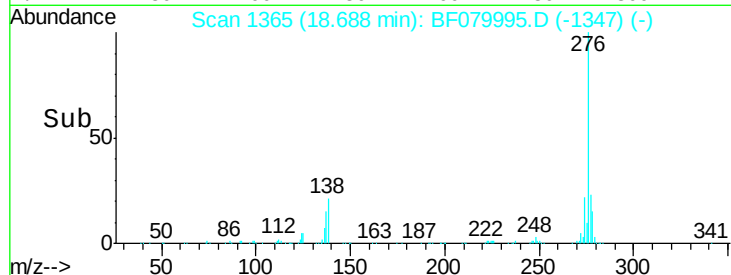
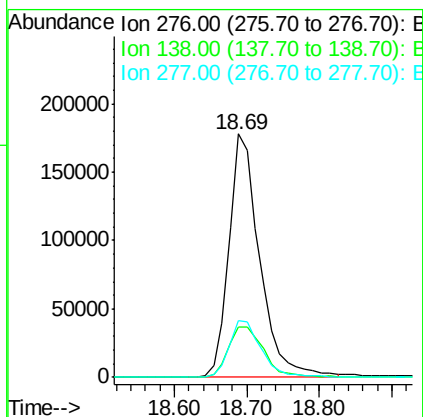
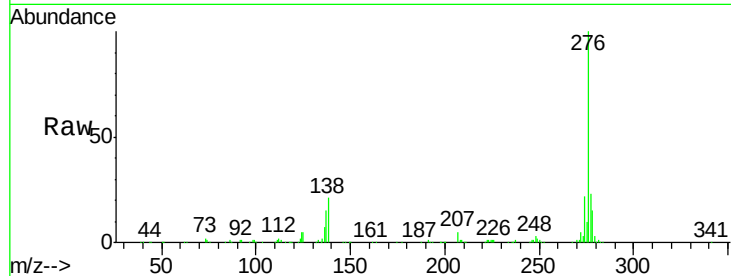




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.42 ng
 RT: 18.69 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

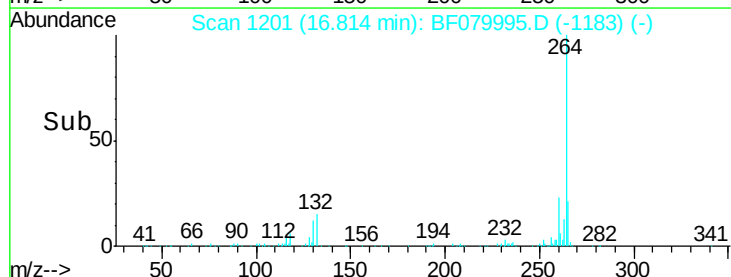
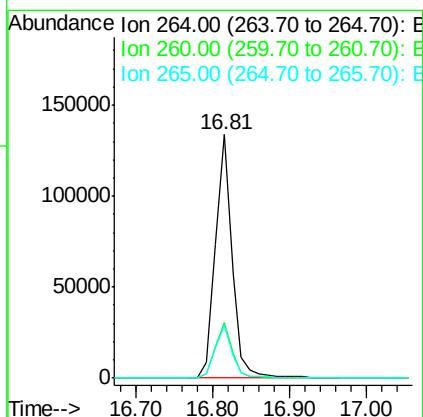
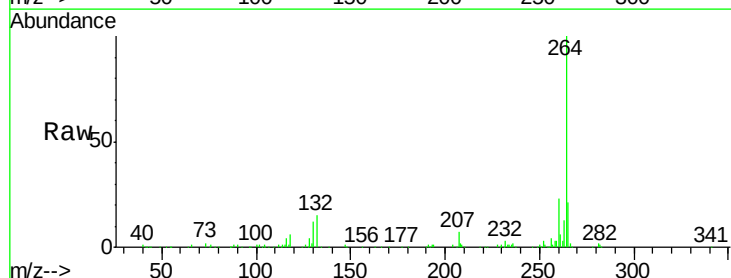
Instrument :
 BNA_F
 ClientSampleId :
 PB84048BS

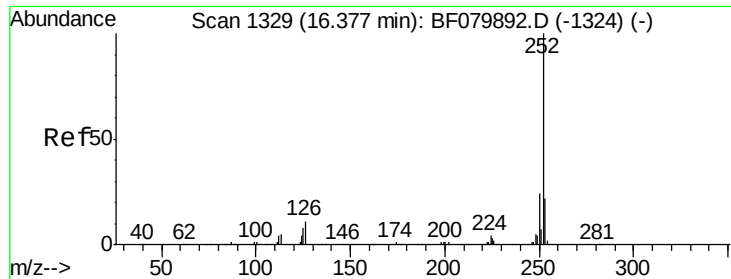
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	21.0	31.4
277	24.5	19.9	29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.81 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF079995.D
 Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.3	28.9
265	21.5	17.0	25.6

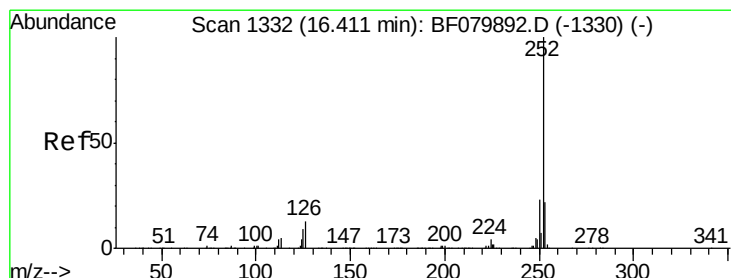
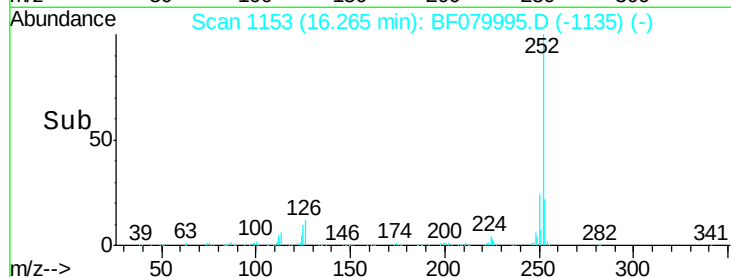
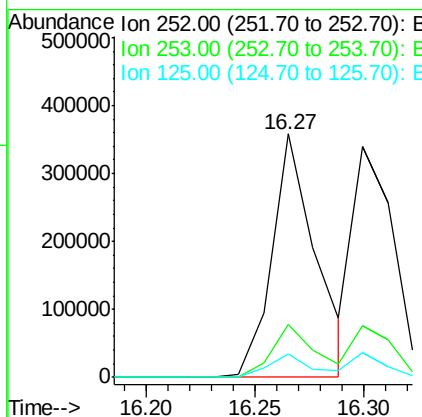
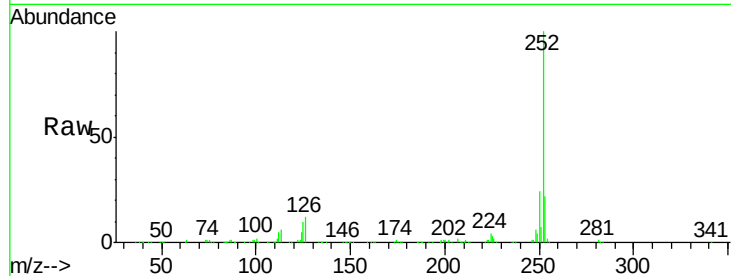




#87
Benzo(b)fluoranthene
Concen: 40.30 ng
RT: 16.27 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

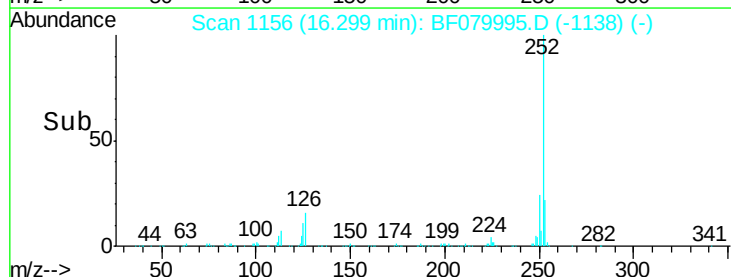
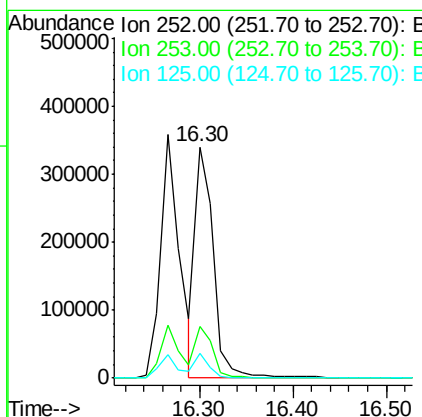
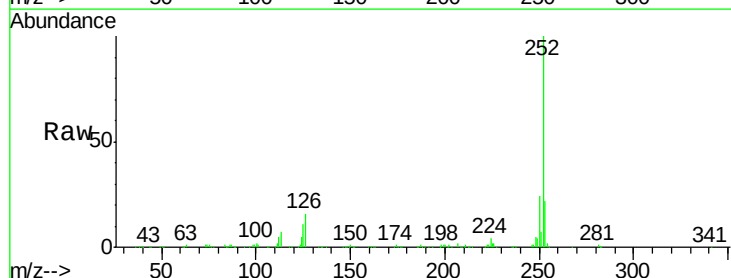
Instrument :
BNA_F
ClientSampleId :
PB84048BS

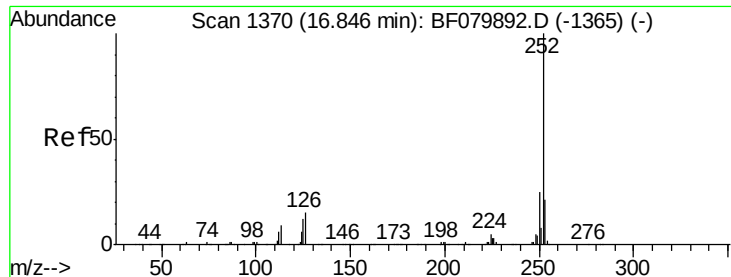
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	9.7	6.5	9.7



#88
Benzo(k)fluoranthene
Concen: 36.11 ng
RT: 16.30 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF079995.D
Acq: 16 Jun 2015 17:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.7	7.4	11.0





#89

Benzo(a)pyrene

Concen: 40.05 ng

RT: 16.73 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB84048BS

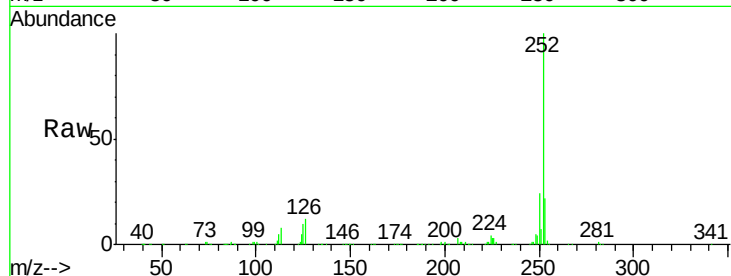
Tgt Ion:252 Resp: 476848

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.6

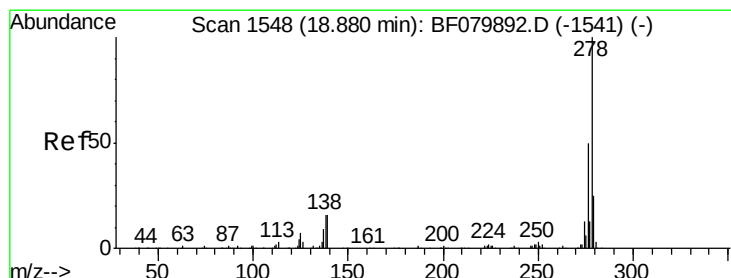
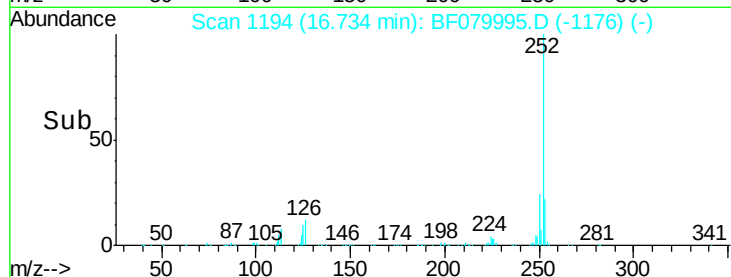
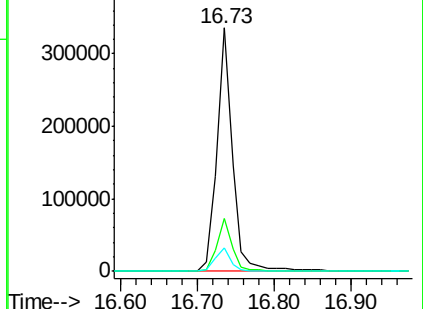
125 9.9 9.7 14.5



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: 37.40 ng

RT: 18.71 min Scan# 1367

Delta R.T. 0.01 min

Lab File: BF079995.D

Acq: 16 Jun 2015 17:26

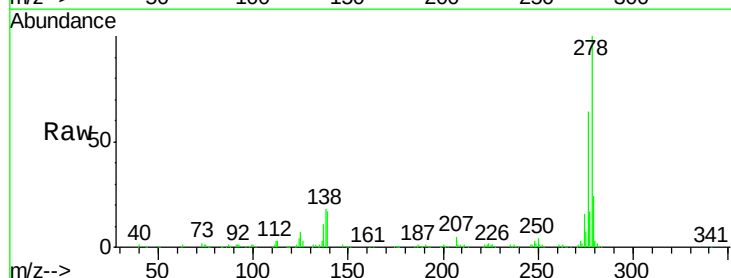
Tgt Ion:278 Resp: 437751

Ion Ratio Lower Upper

278 100

139 16.8 12.8 19.2

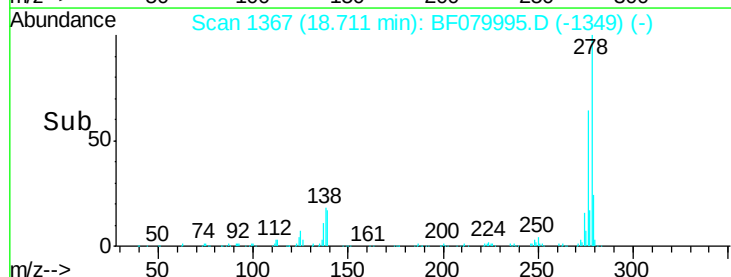
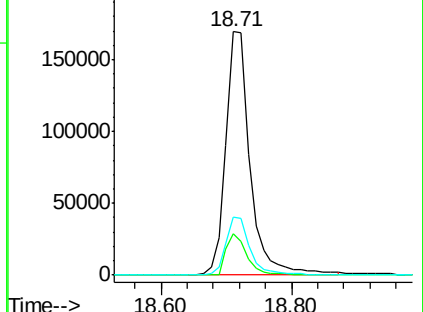
279 24.0 19.7 29.5

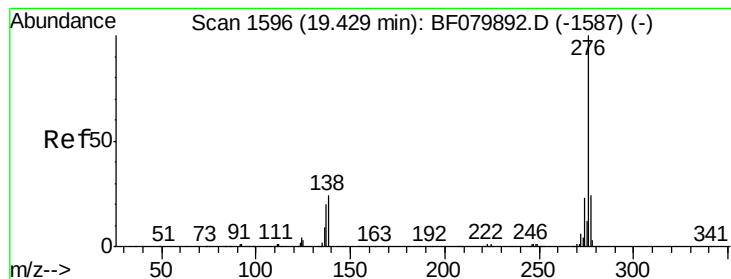


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.17 ng

RT: 19.26 min Scan# 1415

Delta R.T. 0.02 min

Lab File: BF079995.D

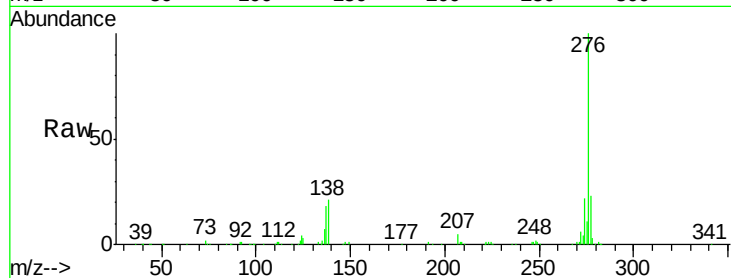
Acq: 16 Jun 2015 17:26

Instrument :

BNA_F

ClientSampleId :

PB84048BS



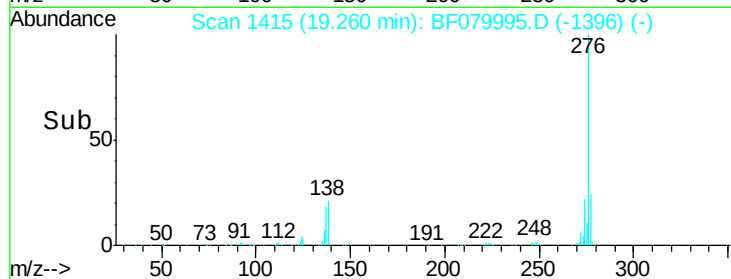
Tgt Ion: 276 Resp: 450166

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.2

138 21.3 19.1 28.7



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

