

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
 Data File : BF080352.D
 Acq On : 6 Jul 2015 18:52
 Operator : TP/IZ
 Sample : PB84363BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Quant Time: Jul 07 03:54:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 03:05:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	37027	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	139085	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	66676	20.00	ng	0.00
63) Phenanthrene-d10	11.79	188	139960	20.00	ng	0.00
75) Chrysene-d12	14.84	240	155033	20.00	ng	0.10
86) Perylene-d12	16.75	264	142936	20.00	ng	0.19

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	273335	135.20	ng	0.00
7) Phenol-d6	6.83	99	341613	127.47	ng	0.00
23) Nitrobenzene-d5	7.79	82	207809	87.15	ng	0.00
41) 2,4,6-Tribromophenol	11.08	330	96336	138.08	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	441550	89.37	ng	0.00
78) Terphenyl-d14	13.53	244	566966	85.30	ng	0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.04	88	32512	34.06	ng	94
3) Pyridine	3.88	79	88616	36.48	ng	99
4) n-Nitrosodimethylamine	3.78	42	48854	42.80	ng	98
6) Aniline	6.89	93	98836	26.64	ng	99
8) 2-Chlorophenol	7.01	128	99782	42.58	ng	99
9) Benzaldehyde	6.77	77	58811	39.46	ng	99
10) Phenol	6.85	94	121503	41.81	ng	97
11) bis(2-Chloroethyl)ether	6.94	93	88998	40.60	ng	97
12) 1,3-Dichlorobenzene	7.17	146	114549	39.81	ng	99
13) 1,4-Dichlorobenzene	7.25	146	104118	38.75	ng	97
14) 1,2-Dichlorobenzene	7.40	146	111803	41.11	ng	98
15) Benzyl Alcohol	7.36	79	87547	42.20	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.49	45	146873	41.43	ng	99
17) 2-Methylphenol	7.62	107	104085	57.30	ng	86
18) Hexachloroethane	7.74	117	33621	38.95	ng	# 61
19) n-Nitroso-di-n-propylamine	7.62	70	66234	38.09	ng	# 77
20) 3+4-Methylphenols	7.62	107	104085	41.11	ng	96
22) Acetophenone	7.63	105	143356	44.68	ng	# 98
24) Nitrobenzene	7.80	77	102537	42.81	ng	98
25) Isophorone	8.04	82	193692	42.20	ng	98
26) 2-Nitrophenol	8.13	139	43231	41.70	ng	99
27) 2,4-Dimethylphenol	8.16	122	89697	43.98	ng	98
28) bis(2-Chloroethoxy)methane	8.25	93	124449	43.66	ng	99
29) 2,4-Dichlorophenol	8.36	162	80358	44.38	ng	# 83
30) 1,2,4-Trichlorobenzene	8.46	180	85123	39.55	ng	99
31) Naphthalene	8.54	128	289648	40.60	ng	99
32) Benzoic acid	8.22	122	43135	41.46	ng	95
33) 4-Chloroaniline	8.58	127	73699	25.92	ng	97
34) Hexachlorobutadiene	8.66	225	54189	41.39	ng	100
35) Caprolactam	8.92	113	24983	44.67	ng	88
36) 4-Chloro-3-methylphenol	9.05	107	77807	41.64	ng	97
37) 2-Methylnaphthalene	9.24	142	192043	42.22	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	86707	41.03	ng	98
40) Hexachlorocyclopentadiene	9.39	237	75570	85.50	ng	100

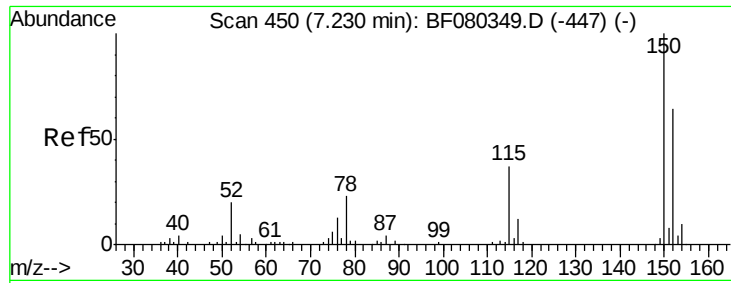
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
 Data File : BF080352.D
 Acq On : 6 Jul 2015 18:52
 Operator : TP/IZ
 Sample : PB84363BS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	58021	41.68	ng	97
43) 2,4,5-Trichlorophenol	9.55	196	71259	43.92	ng	97
45) 1,1'-Biphenyl	9.70	154	255732	43.21	ng	99
46) 2-Chloronaphthalene	9.73	162	188953	41.87	ng	99
47) 2-Nitroaniline	9.81	65	57394	45.45	ng	99
48) Acenaphthylene	10.14	152	301290	40.11	ng	98
49) Dimethylphthalate	9.98	163	217632	40.65	ng	100
50) 2,6-Dinitrotoluene	10.05	165	50676	45.28	ng	93
51) Acenaphthene	10.33	154	196134	43.62	ng	94
52) 3-Nitroaniline	10.22	138	38591	30.60	ng	95
53) 2,4-Dinitrophenol	10.34	184	41189	84.14	ng	97
54) Dibenzofuran	10.50	168	276033	43.18	ng	99
55) 4-Nitrophenol	10.37	139	87643	94.82	ng	90
56) 2,4-Dinitrotoluene	10.46	165	64176	44.59	ng	100
57) Fluorene	10.84	166	235597	42.80	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.61	232	57147	43.97	ng	99
59) Diethylphthalate	10.69	149	242343	45.32	ng	100
60) 4-Chlorophenyl-phenylether	10.83	204	104752	43.00	ng	99
61) 4-Nitroaniline	10.84	138	52677	43.03	ng	98
62) Azobenzene	10.99	77	222886	43.88	ng	99
64) 4,6-Dinitro-2-methylphenol	10.88	198	33077	41.42	ng	94
65) n-Nitrosodiphenylamine	10.94	169	192810	43.25	ng	99
66) 4-Bromophenyl-phenylether	11.32	248	71301	44.47	ng	97
67) Hexachlorobenzene	11.40	284	73286	43.57	ng	97
68) Atrazine	11.46	200	54522	41.08	ng	97
69) Pentachlorophenol	11.60	266	74700	89.82	ng	95
70) Phenanthrene	11.82	178	352071	41.94	ng	99
71) Anthracene	11.87	178	351966	42.76	ng	100
72) Carbazole	12.03	167	328931	42.85	ng	98
73) Di-n-butylphthalate	12.36	149	364421	41.50	ng	99
74) Fluoranthene	13.10	202	380445	42.18	ng	97
76) Benzidine	13.23	184	212922	54.15	ng	97
77) Pyrene	13.37	202	399275	42.58	ng	99
79) Butylbenzylphthalate	14.09	149	162146	43.33	ng	# 78
80) Benzo(a)anthracene	14.83	228	385982	41.31	ng	99
81) 3,3'-Dichlorobenzidine	14.77	252	105461	34.04	ng	# 99
82) Chrysene	14.88	228	359658	41.14	ng	99
83) Bis(2-ethylhexyl)phthalate	14.82	149	249035	43.66	ng	99
84) Di-n-octyl phthalate	15.67	149	410685	43.59	ng	100
85) Indeno(1,2,3-cd)pyrene	18.55	276	389840	37.92	ng	99
87) Benzo(b)fluoranthene	16.23	252	376612	41.93	ng	99
88) Benzo(k)fluoranthene	16.26	252	347053	40.81	ng	100
89) Benzo(a)pyrene	16.67	252	349780	42.58	ng	# 97
90) Dibenzo(a,h)anthracene	18.57	278	329087	40.68	ng	98
91) Benzo(g,h,i)perylene	19.07	276	330131	40.24	ng	98

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

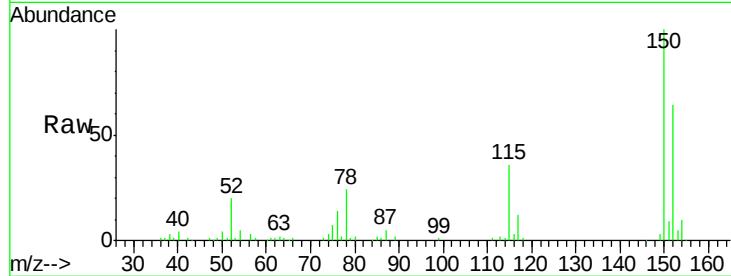


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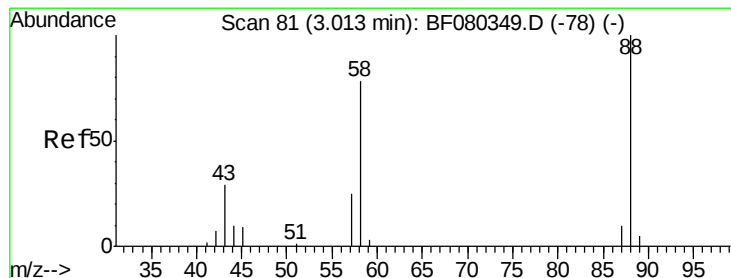
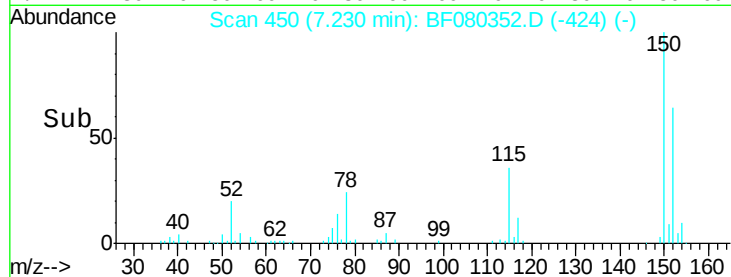
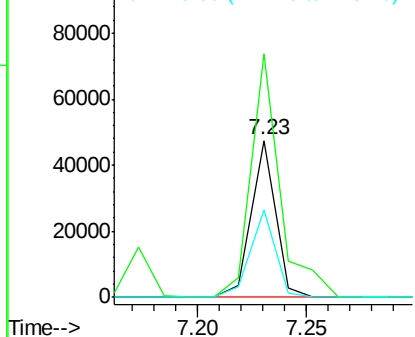
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB84363BS

Tgt Ion:152 Resp: 37027
Ion Ratio Lower Upper
152 100
150 155.3 124.7 187.1
115 55.6 45.7 68.5



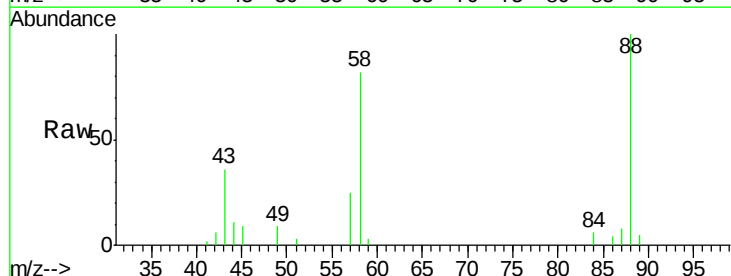
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



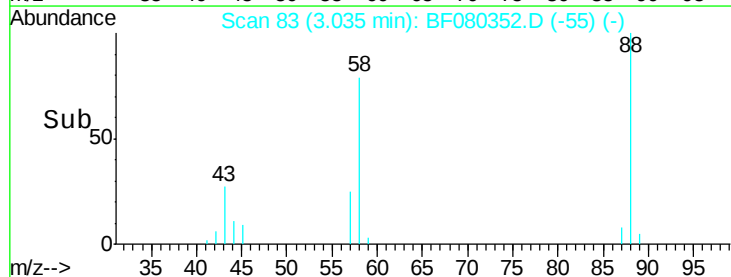
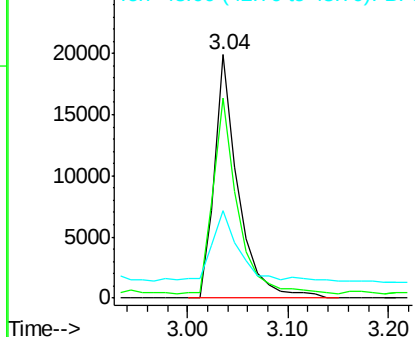
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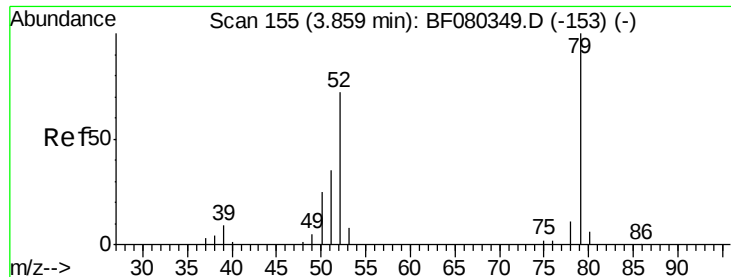
1,4-Dioxane
Concen: 34.06 ng
RT: 3.04 min Scan# 83
Delta R.T. 0.02 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion: 88 Resp: 32512
Ion Ratio Lower Upper
88 100
58 82.2 61.0 91.6
43 30.3 23.4 35.0



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





#3

Pyridine

Concen: 36.48 ng

RT: 3.88 min Scan# 157

Delta R.T. 0.02 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB84363BS

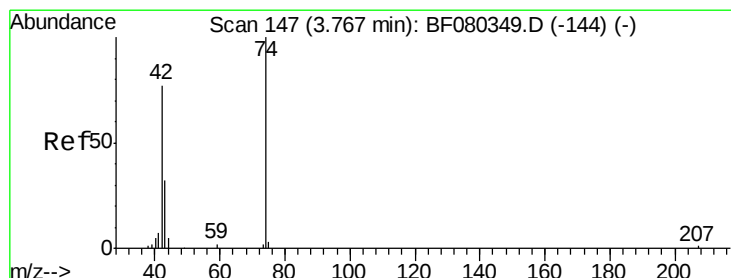
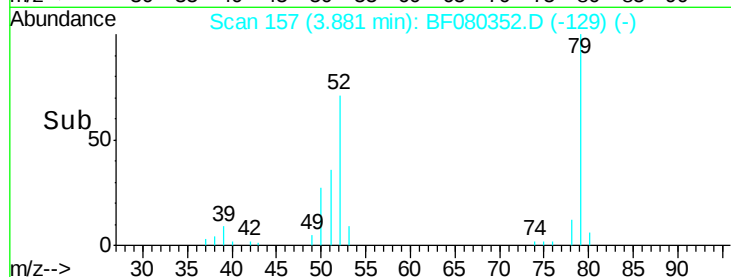
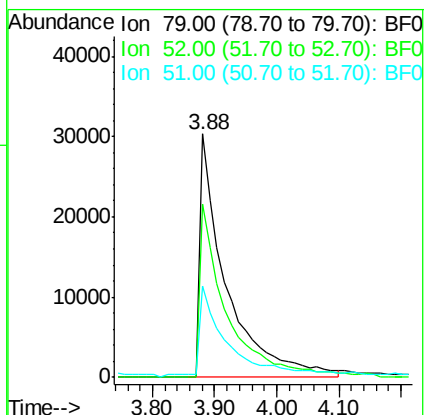
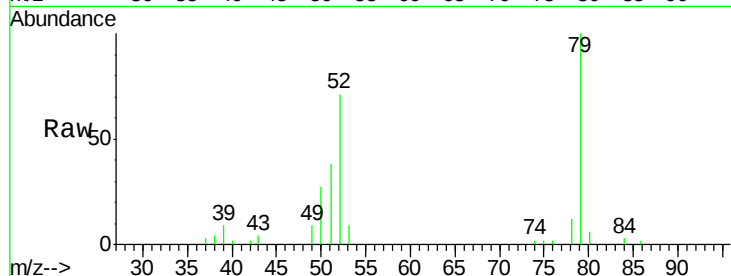
Tgt Ion: 79 Resp: 88616

Ion Ratio Lower Upper

79 100

52 71.0 57.2 85.8

51 37.7 29.4 44.0



#4

n-Nitrosodimethylamine

Concen: 42.80 ng

RT: 3.78 min Scan# 148

Delta R.T. 0.01 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

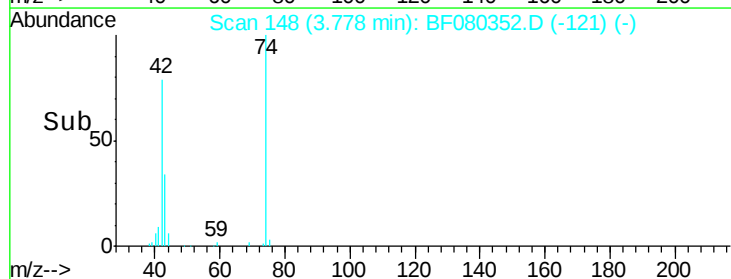
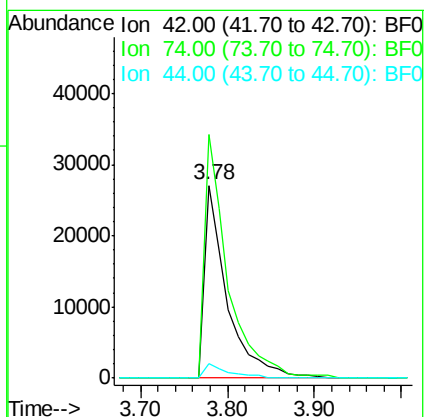
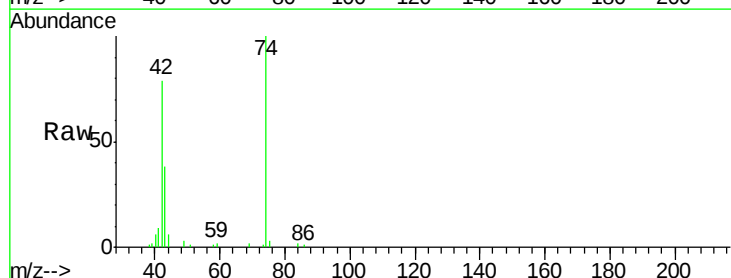
Tgt Ion: 42 Resp: 48854

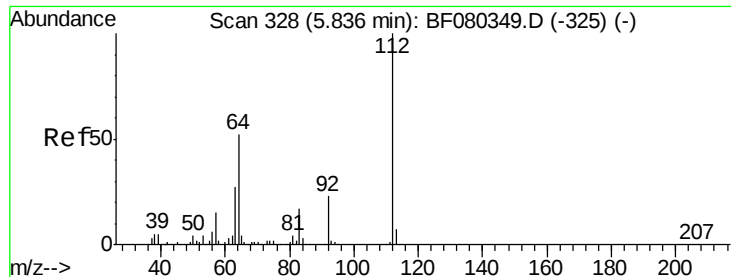
Ion Ratio Lower Upper

42 100

74 126.5 103.4 155.0

44 7.4 5.4 8.0





#5

2-Fluorophenol

Concen: 135.20 ng

RT: 5.84 min Scan# 328

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB84363BS

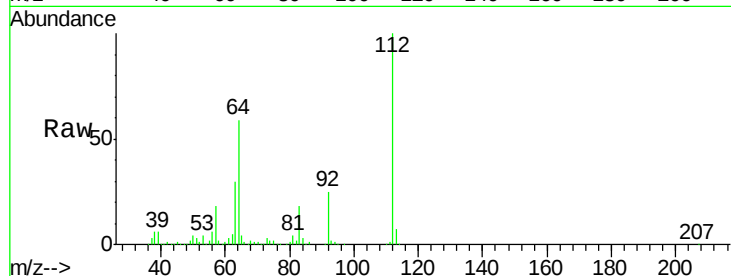
Tgt Ion: 112 Resp: 273335

Ion Ratio Lower Upper

112 100

64 58.6 41.8 62.6

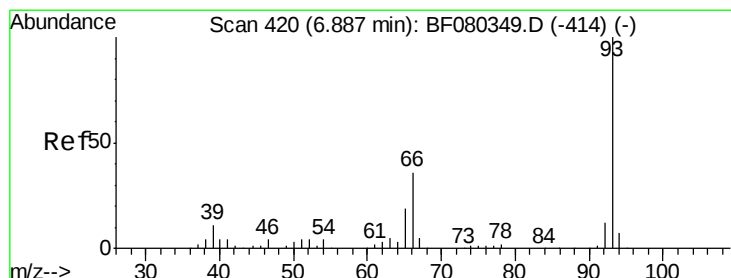
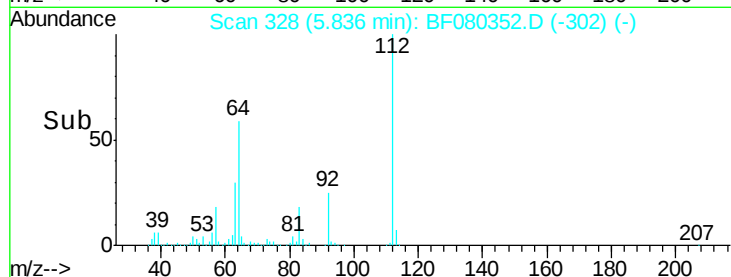
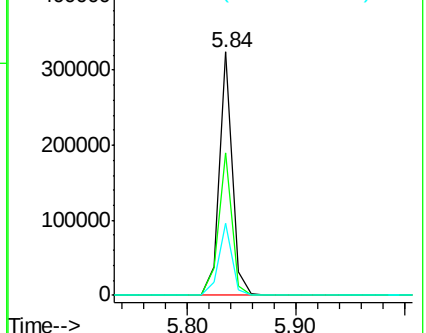
63 29.7 21.5 32.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.64 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

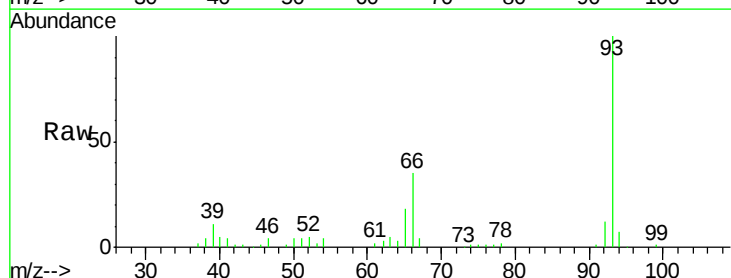
Tgt Ion: 93 Resp: 98836

Ion Ratio Lower Upper

93 100

66 35.3 28.7 43.1

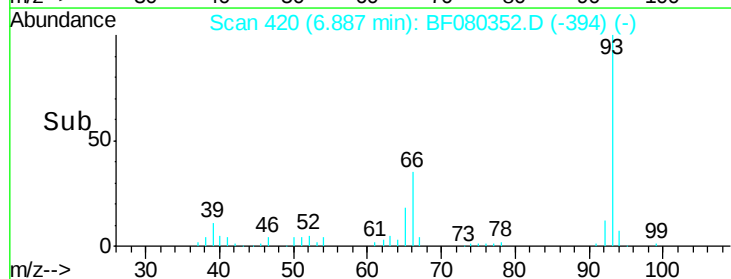
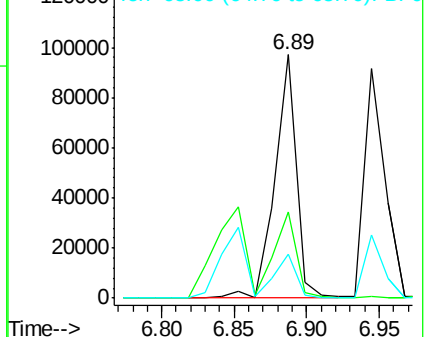
65 18.2 14.8 22.2

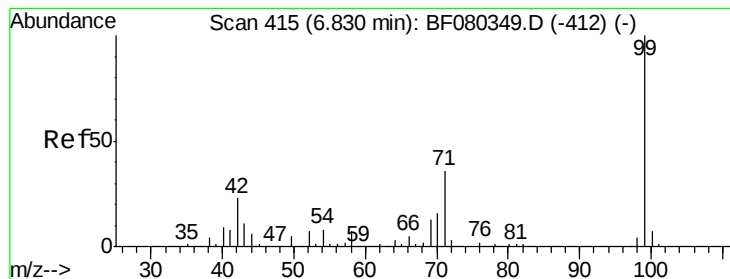


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.47 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB84363BS

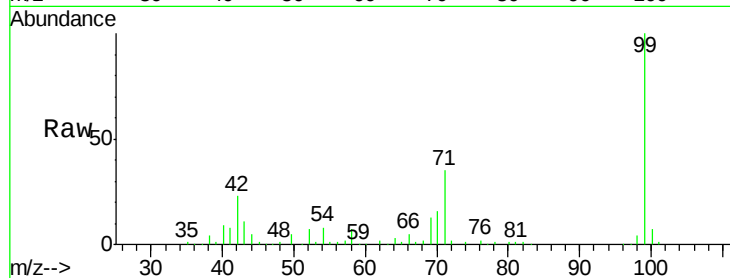
Tgt Ion: 99 Resp: 341613

Ion Ratio Lower Upper

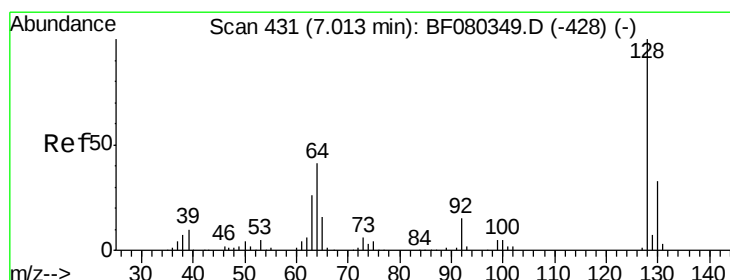
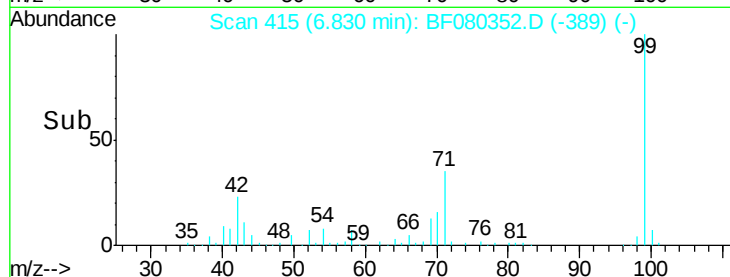
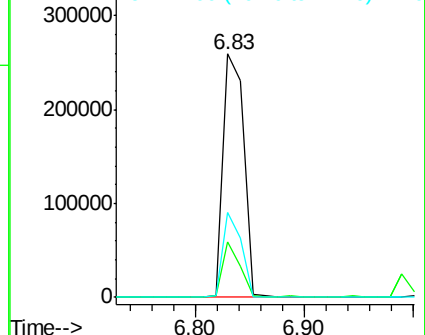
99 100

42 23.0 18.5 27.7

71 34.6 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.58 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

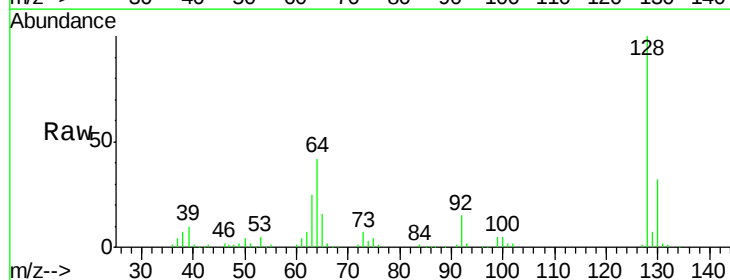
Tgt Ion: 128 Resp: 99782

Ion Ratio Lower Upper

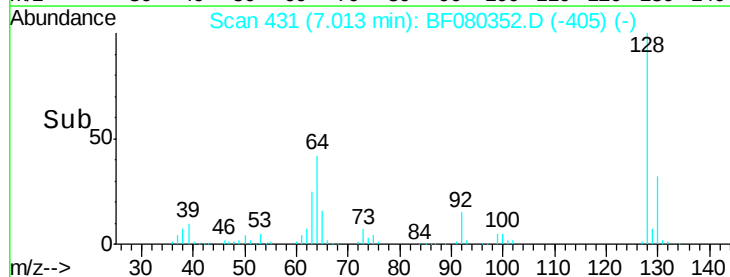
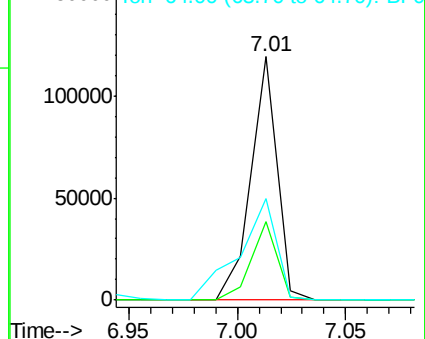
128 100

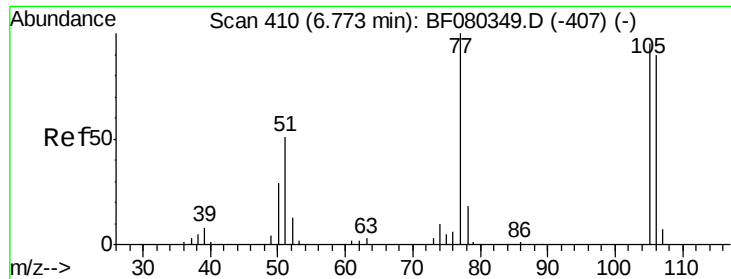
130 32.4 12.8 52.8

64 41.9 21.1 61.1



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

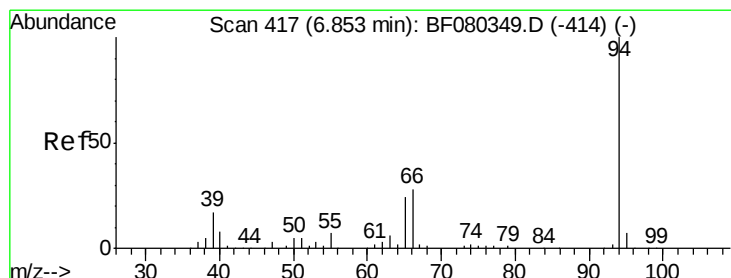
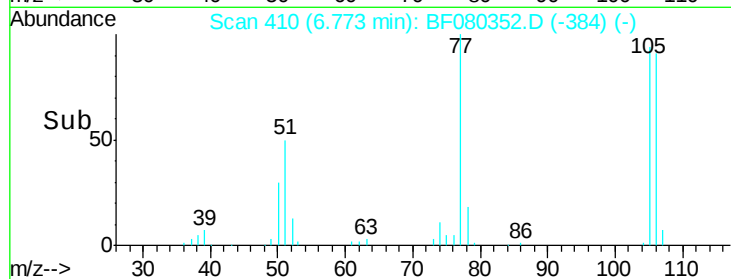
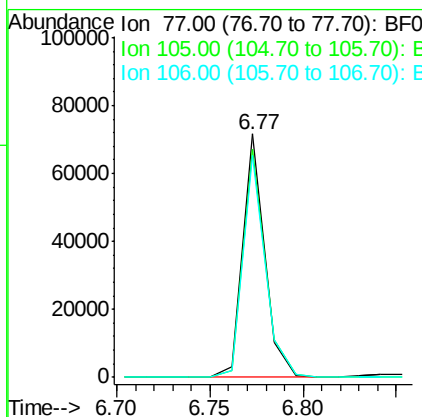
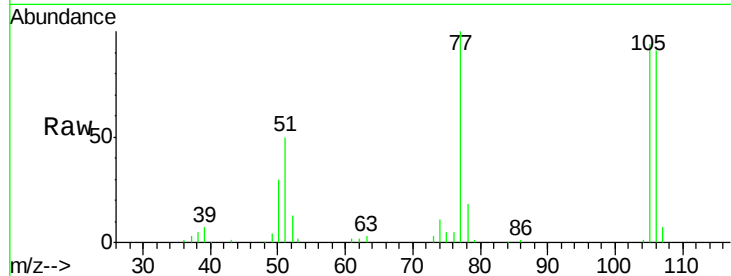




#9
Benzaldehyde
Concen: 39.46 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

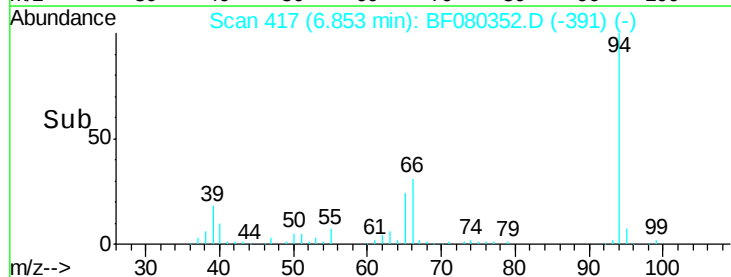
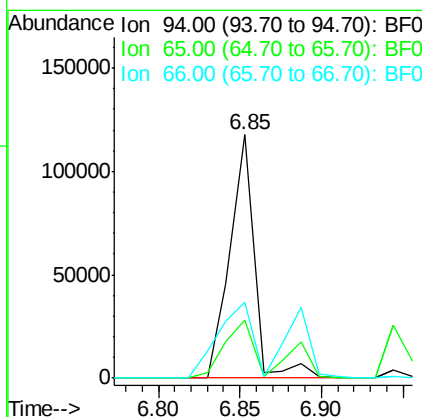
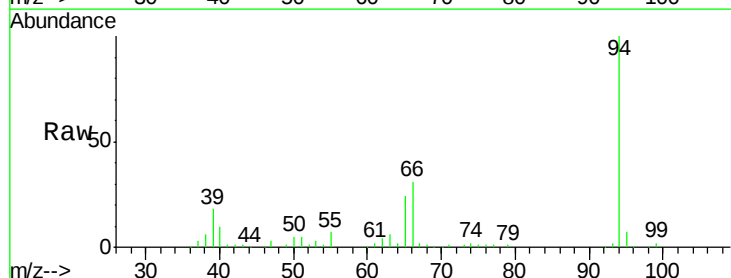
Instrument :
BNA_F
ClientSampleId :
PB84363BS

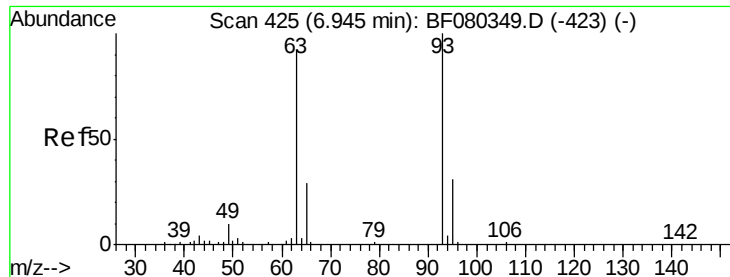
Tgt Ion: 77 Resp: 58811
Ion Ratio Lower Upper
77 100
105 93.8 75.2 115.2
106 91.2 69.9 109.9



#10
Phenol
Concen: 41.81 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion: 94 Resp: 121503
Ion Ratio Lower Upper
94 100
65 23.9 3.5 43.5
66 31.1 8.5 48.5





#11

bis(2-Chloroethyl)ether

Concen: 40.60 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB84363BS

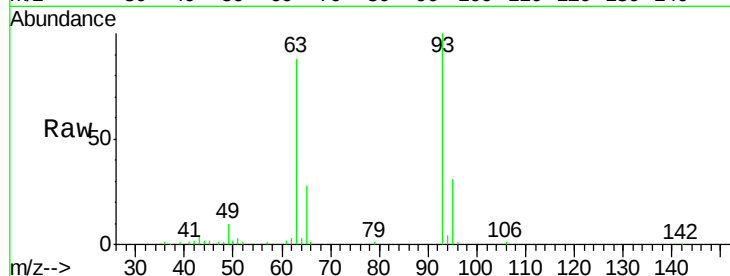
Tgt Ion: 93 Resp: 88998

Ion Ratio Lower Upper

93 100

63 88.0 71.3 111.3

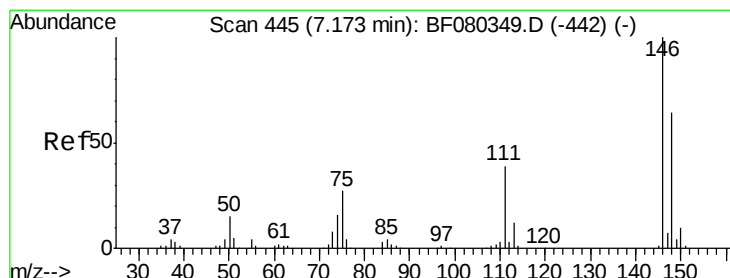
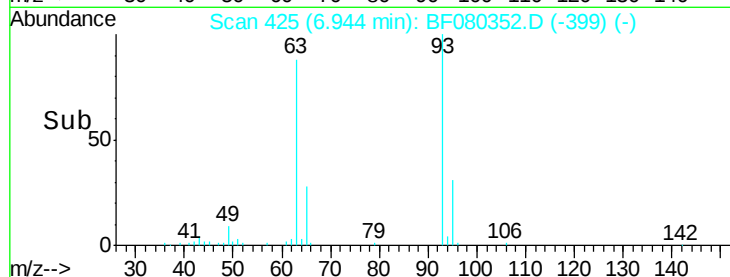
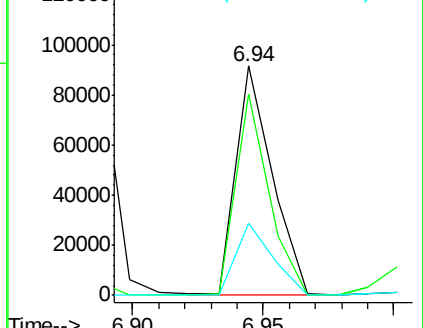
95 31.4 11.3 51.3



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: 39.81 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

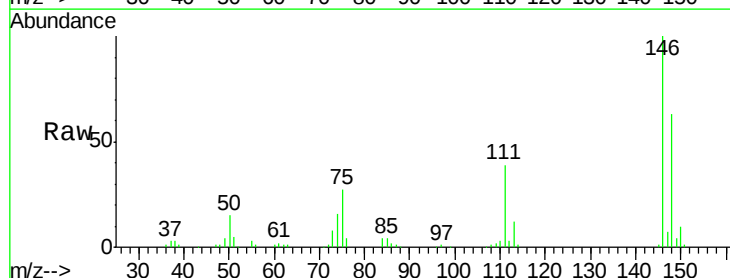
Tgt Ion: 146 Resp: 114549

Ion Ratio Lower Upper

146 100

148 63.2 51.4 77.0

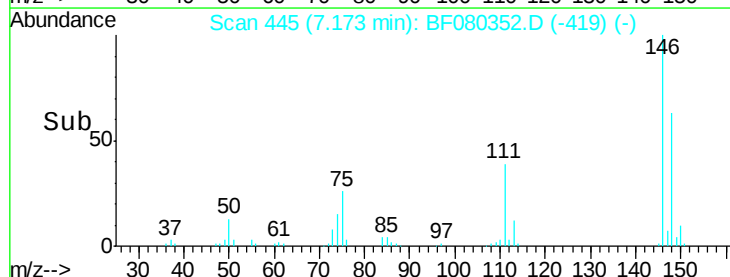
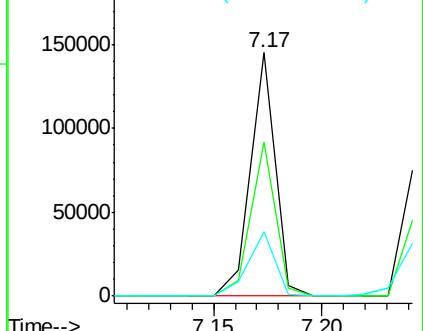
75 26.5 21.5 32.3

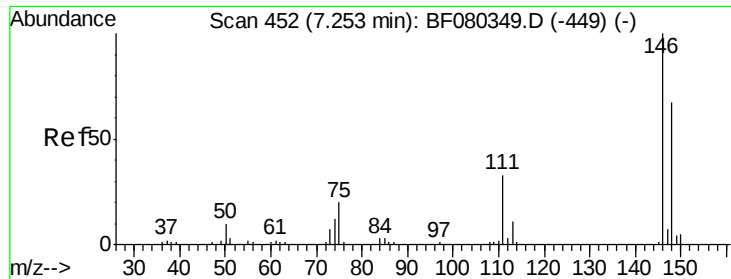


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

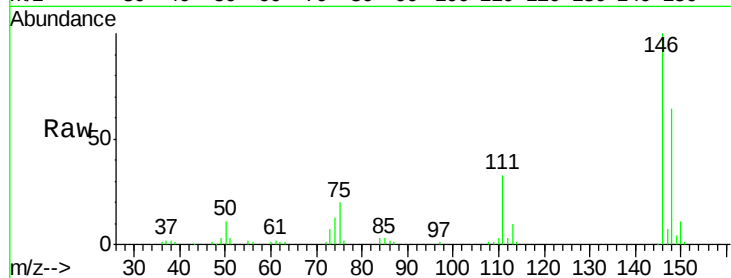




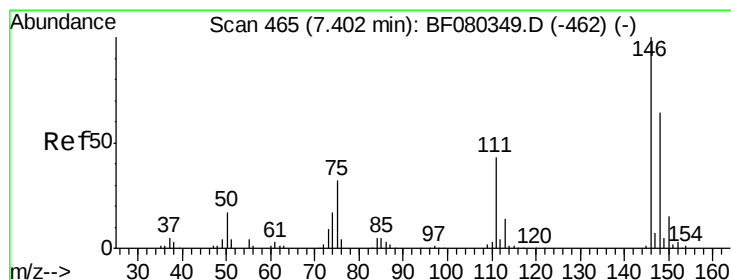
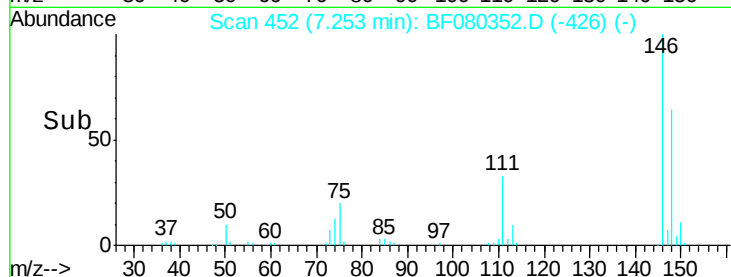
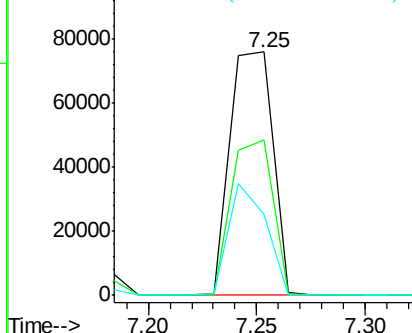
#13
 1,4-Dichlorobenzene
 Concen: 38.75 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Tgt Ion:146 Resp: 104118
 Ion Ratio Lower Upper
 146 100
 148 63.8 53.4 80.0
 111 33.4 26.2 39.2

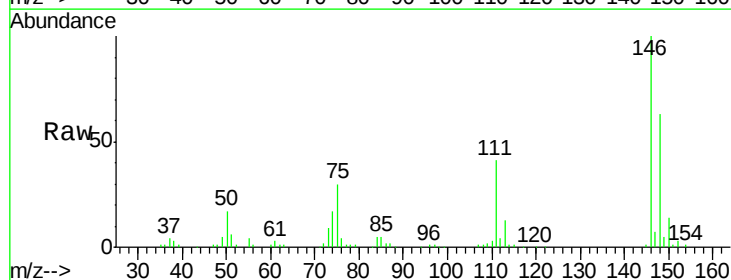


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

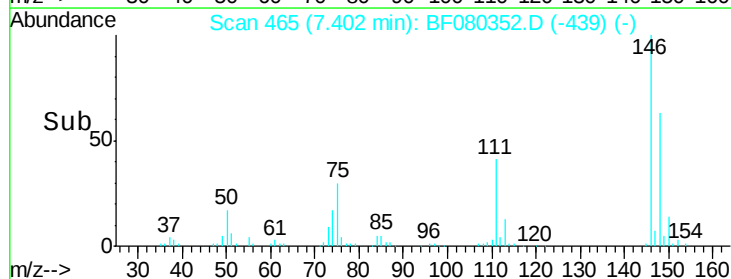
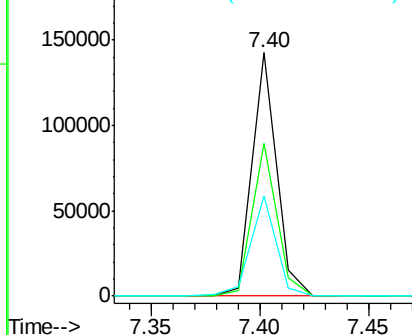


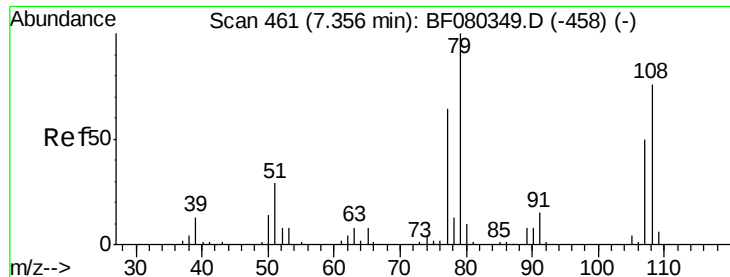
#14
 1,2-Dichlorobenzene
 Concen: 41.11 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion:146 Resp: 111803
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.3 76.9
 111 41.3 34.6 52.0



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: 42.20 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB84363BS

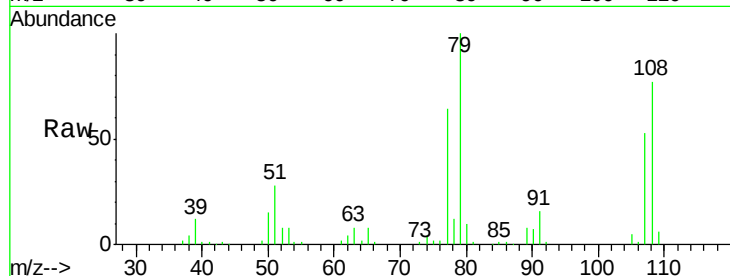
Tgt Ion: 79 Resp: 87547

Ion Ratio Lower Upper

79 100

108 77.3 60.6 90.8

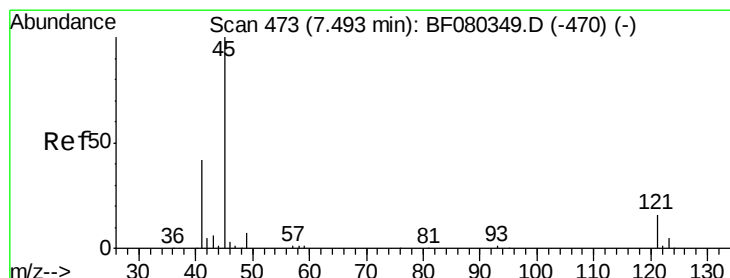
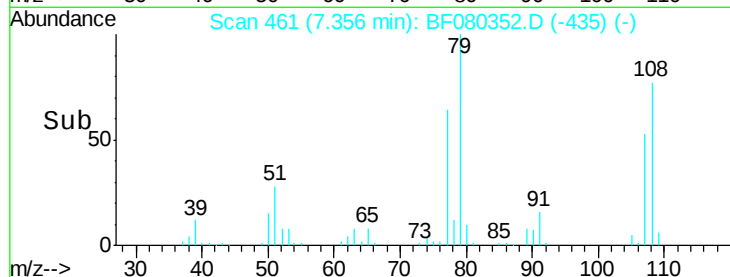
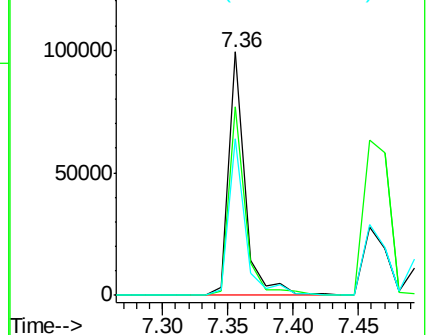
77 64.4 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.43 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

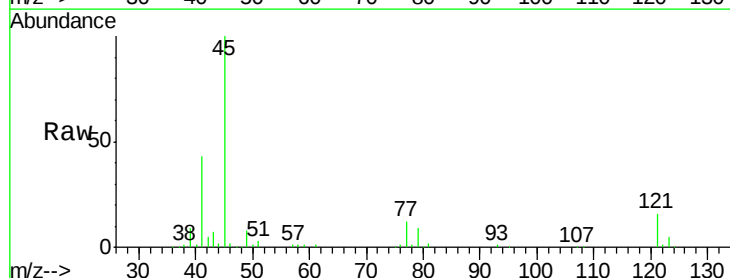
Tgt Ion: 45 Resp: 146873

Ion Ratio Lower Upper

45 100

77 12.4 0.0 31.9

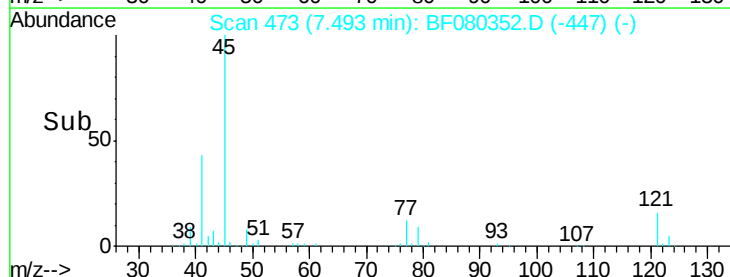
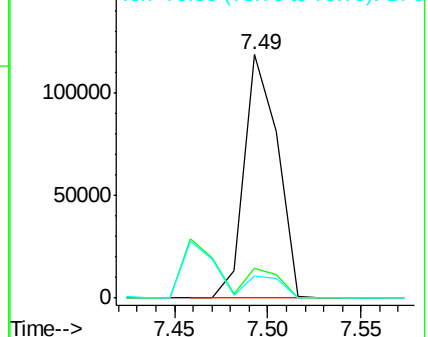
79 9.2 0.0 29.7

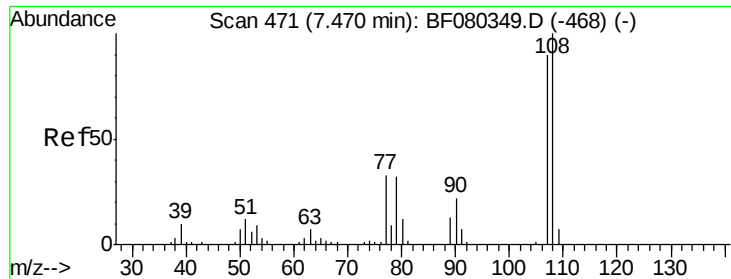


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 57.30 ng

RT: 7.62 min Scan# 484

Delta R.T. 0.15 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB84363BS

Tgt Ion:107 Resp: 104085

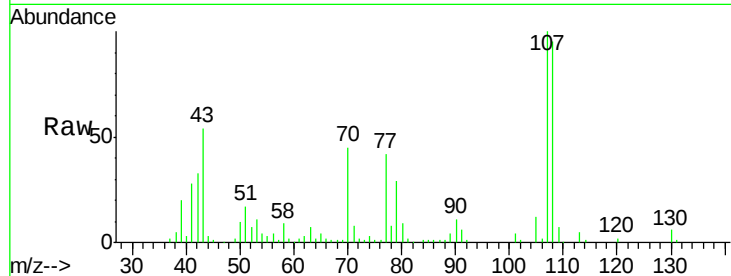
Ion Ratio Lower Upper

107 100

108 94.9 89.3 133.9

77 42.4 29.5 44.3

79 29.3 28.6 43.0

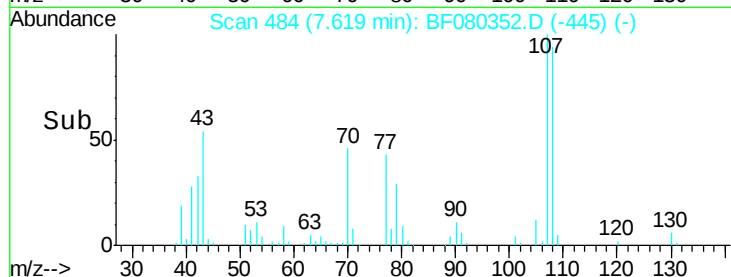


Abundance Ion 107.00 (106.70 to 107.70): E

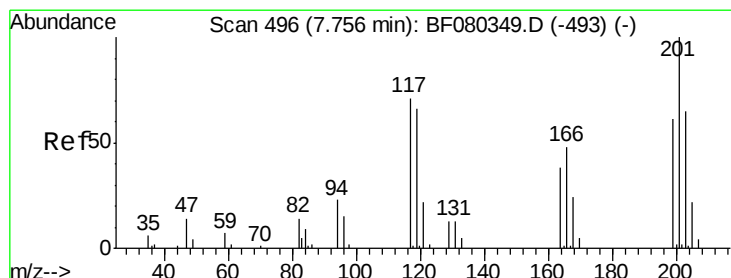
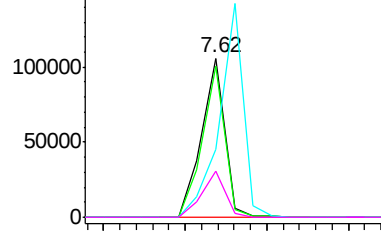
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 38.95 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

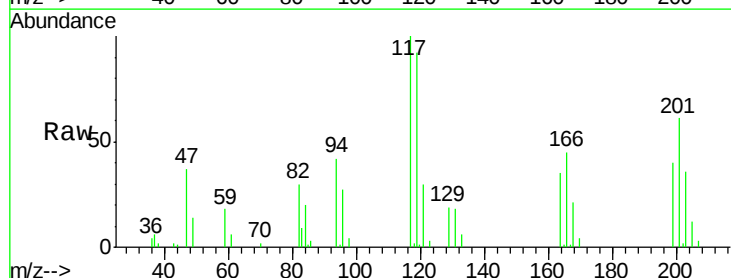
Tgt Ion:117 Resp: 33621

Ion Ratio Lower Upper

117 100

119 92.5 74.2 111.4

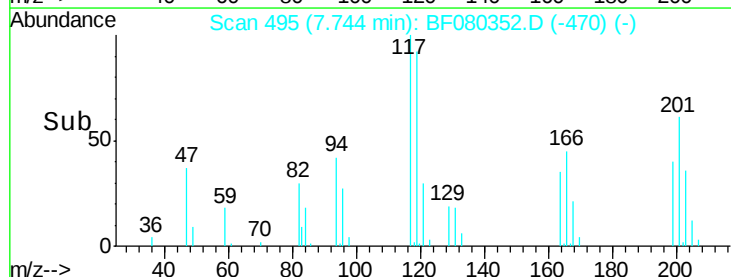
201 60.9 112.4 168.6#



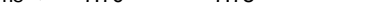
Abundance Ion 117.00 (116.70 to 117.70): E

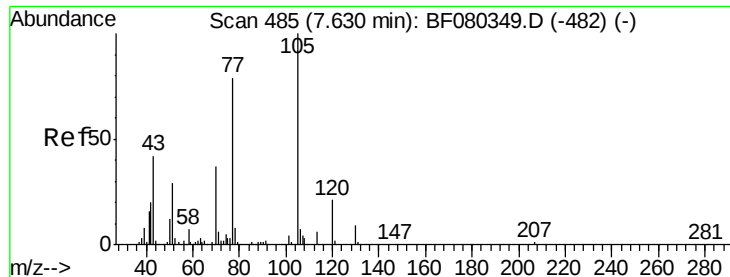
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->

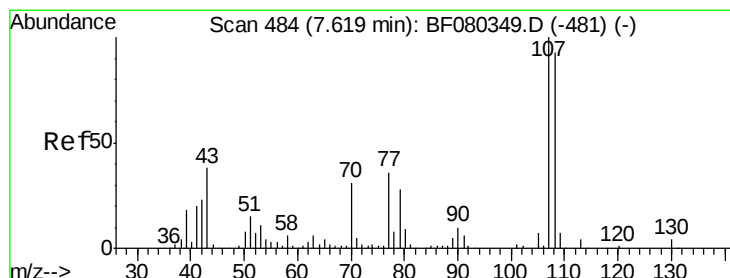
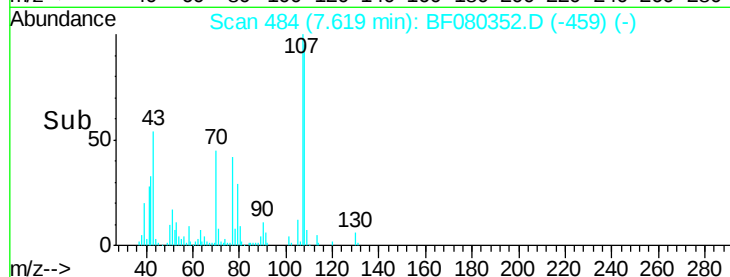
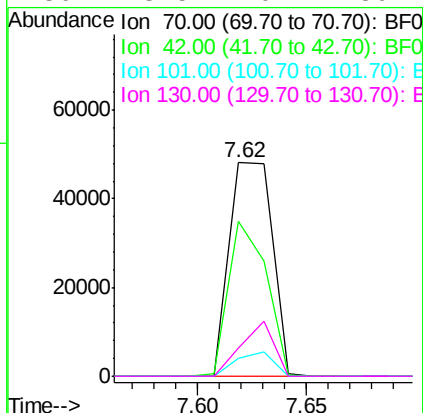
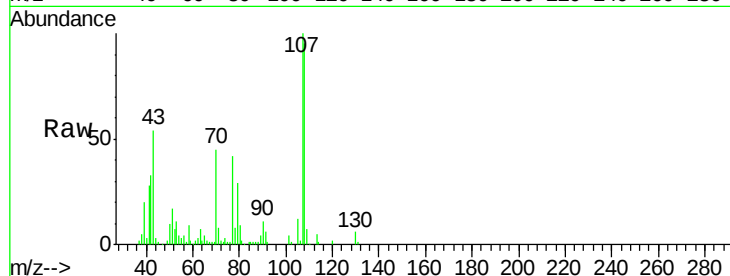




#19
n-Nitroso-di-n-propylamine
Concen: 38.09 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

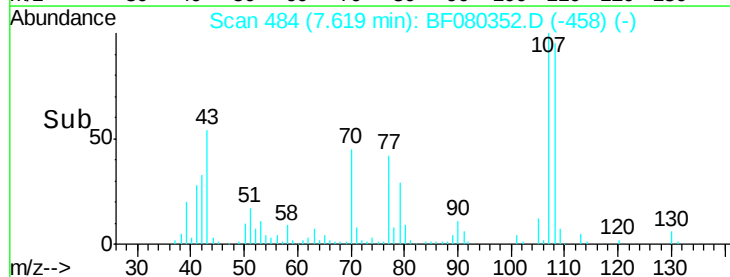
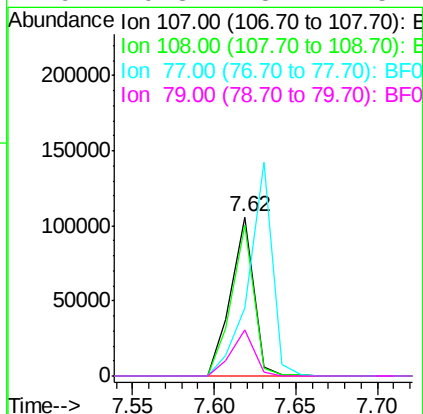
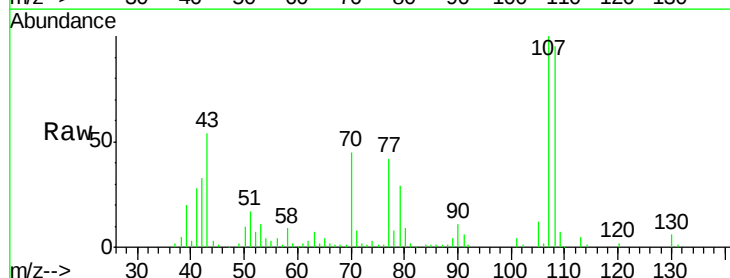
Instrument :
BNA_F
ClientSampleId :
PB84363BS

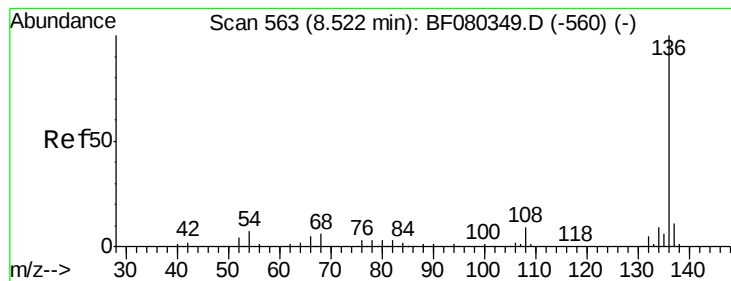
Tgt Ion: 70 Resp: 66234
Ion Ratio Lower Upper
70 100
42 72.8 43.0 64.6#
101 8.1 8.3 12.5#
130 13.5 20.2 30.2#



#20
3+4-Methylphenols
Concen: 41.11 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion: 107 Resp: 104085
Ion Ratio Lower Upper
107 100
108 94.9 73.4 113.4
77 42.4 16.4 56.4
79 29.3 8.2 48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB84363BS

Tgt Ion:136 Resp: 139085

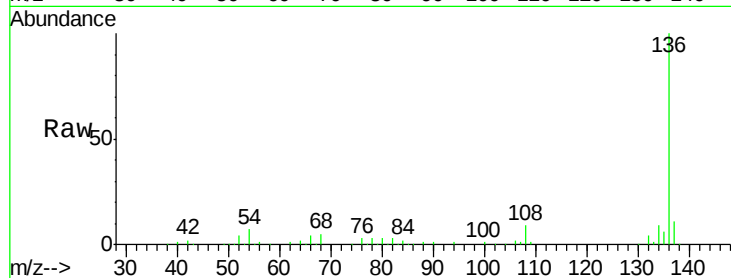
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.0 5.8 8.8

68 5.2 4.6 6.8

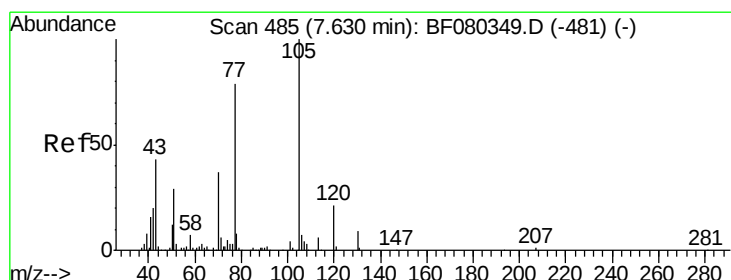
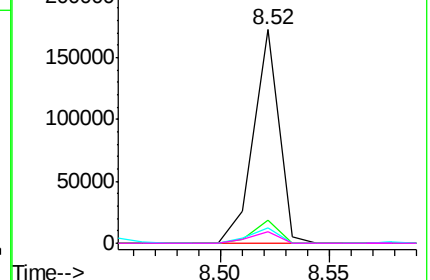
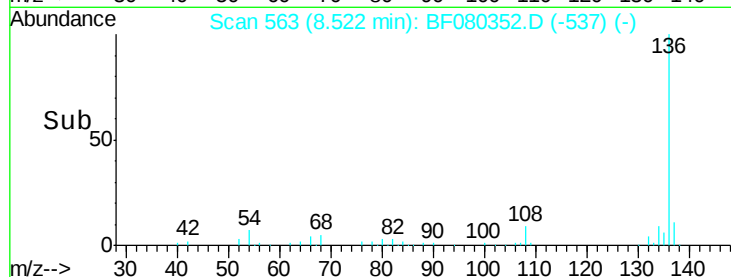


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.68 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Tgt Ion:105 Resp: 143356

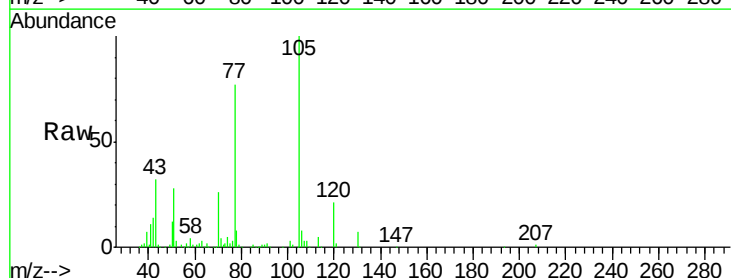
Ion Ratio Lower Upper

105 100

71 4.3 5.0 7.6#

51 27.8 23.2 34.8

120 21.2 17.0 25.4

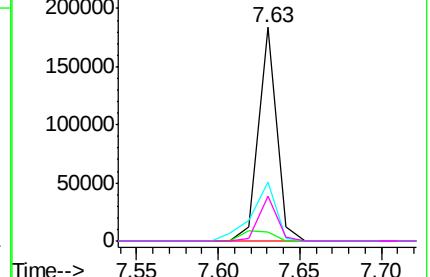
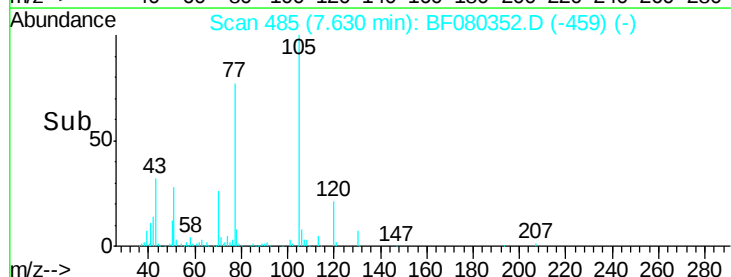


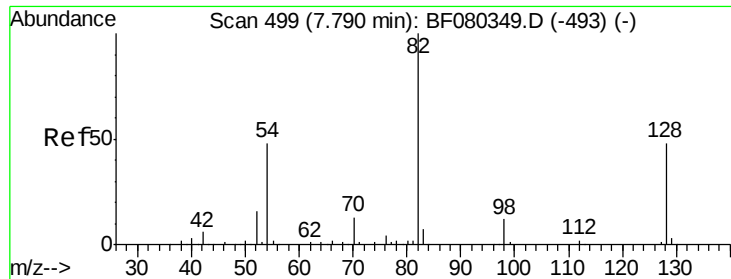
Abundance Ion 105.00 (104.70 to 105.70): E

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

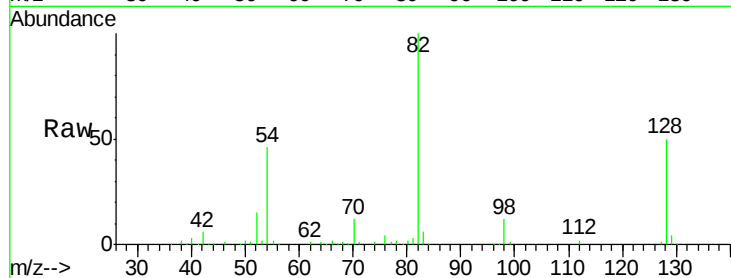




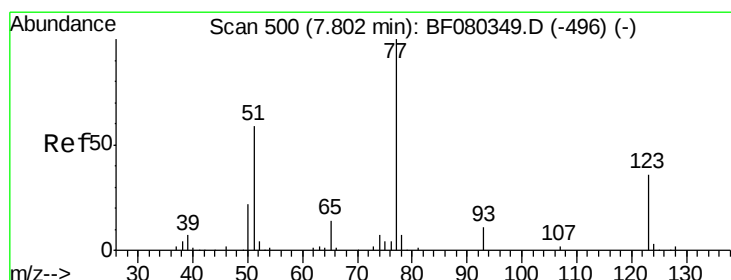
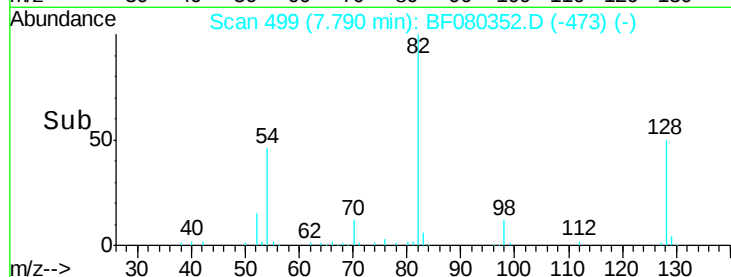
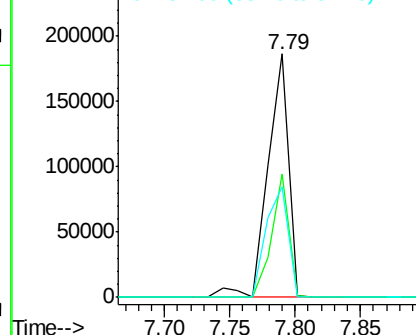
#23
 Nitrobenzene-d5
 Concen: 87.15 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampled :
 PB84363BS

Tgt Ion: 82 Resp: 207809
 Ion Ratio Lower Upper
 82 100
 128 50.5 38.4 57.6
 54 45.7 38.2 57.2

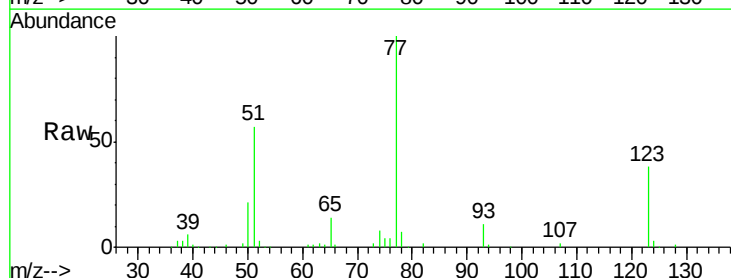


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

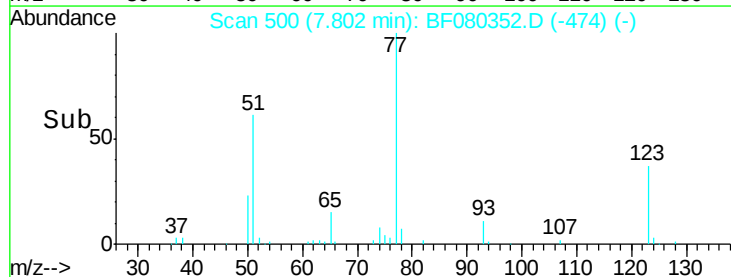
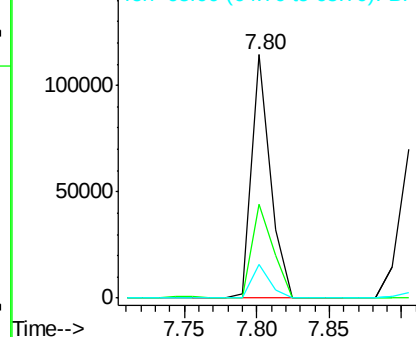


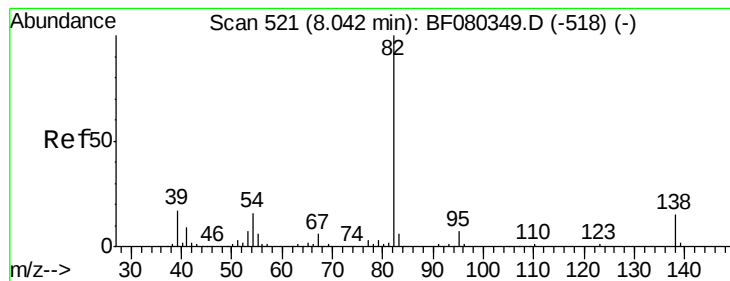
#24
 Nitrobenzene
 Concen: 42.81 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion: 77 Resp: 102537
 Ion Ratio Lower Upper
 77 100
 123 38.5 29.6 44.4
 65 13.7 11.1 16.7



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





#25

Isophorone

Concen: 42.20 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB84363BS

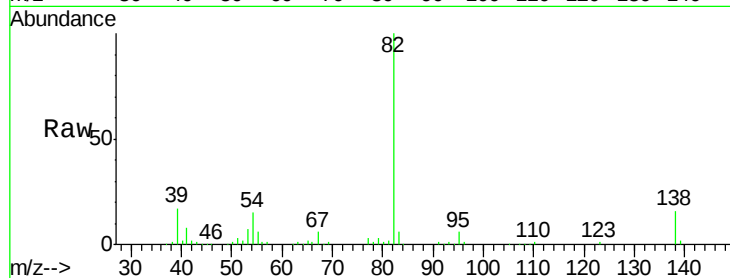
Tgt Ion: 82 Resp: 193692

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

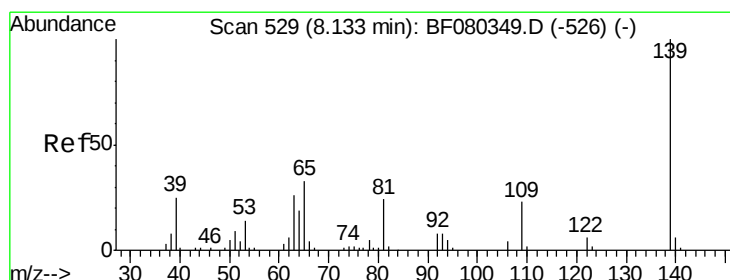
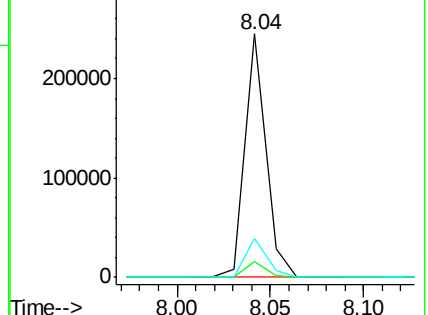
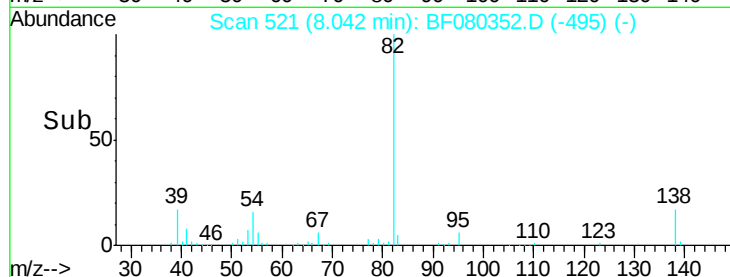
138 16.1 12.0 18.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.70 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

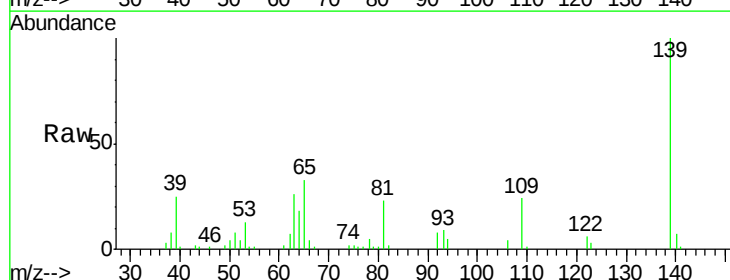
Tgt Ion: 139 Resp: 43231

Ion Ratio Lower Upper

139 100

109 24.1 18.4 27.6

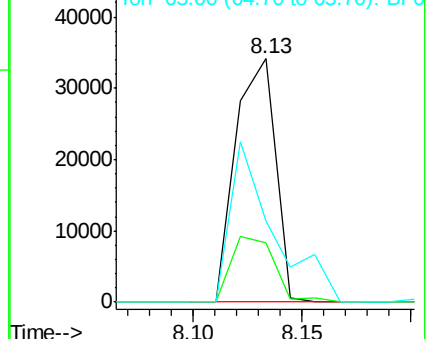
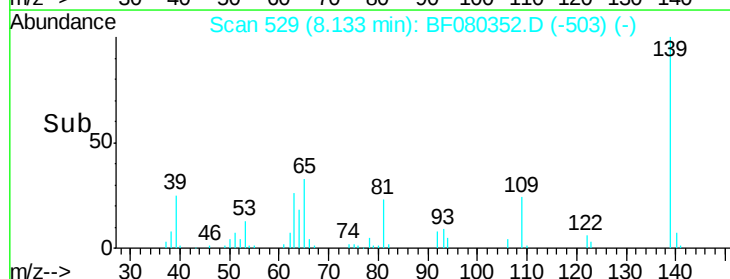
65 33.3 26.7 40.1

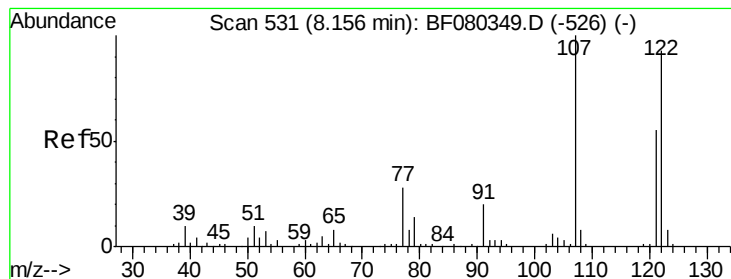


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.98 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB84363BS

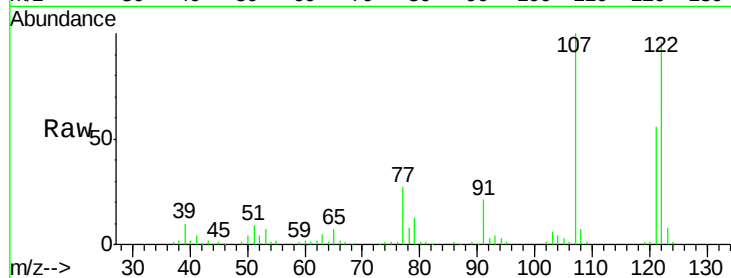
Tgt Ion:122 Resp: 89697

Ion Ratio Lower Upper

122 100

107 104.6 85.8 128.6

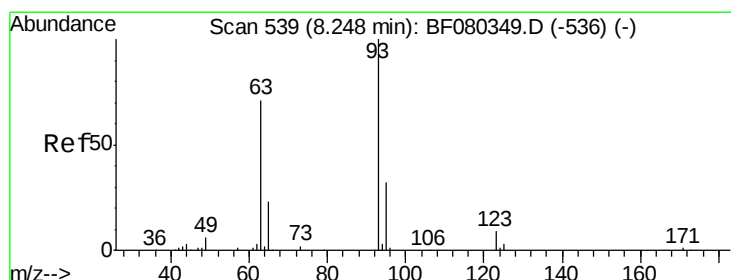
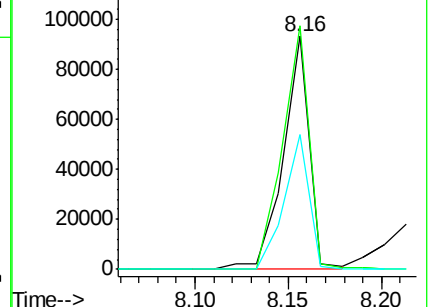
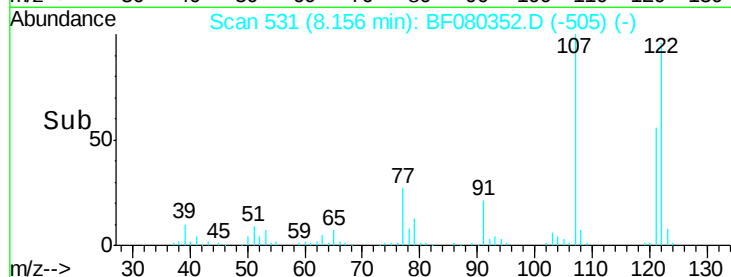
121 58.1 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.66 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

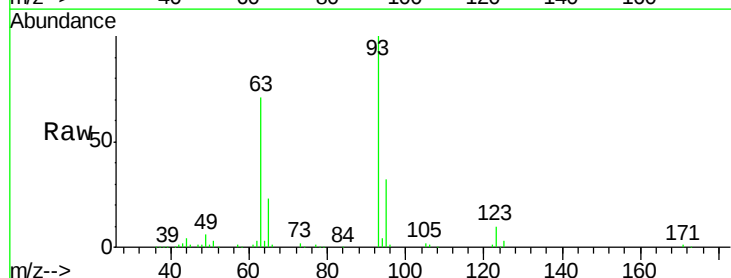
Tgt Ion: 93 Resp: 124449

Ion Ratio Lower Upper

93 100

95 32.0 25.3 37.9

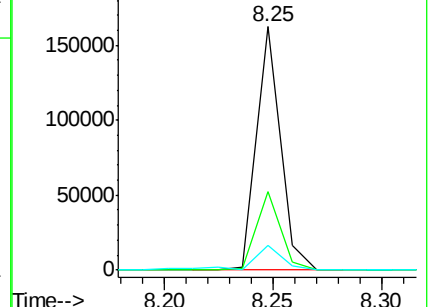
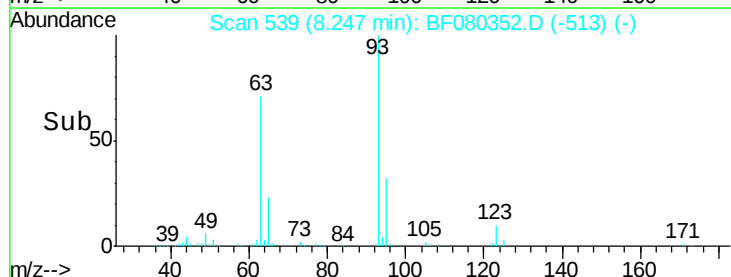
123 10.0 7.8 11.6

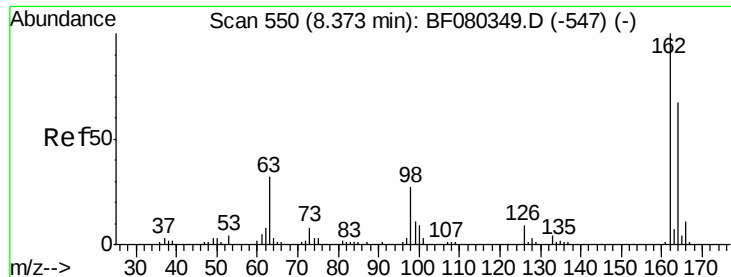


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

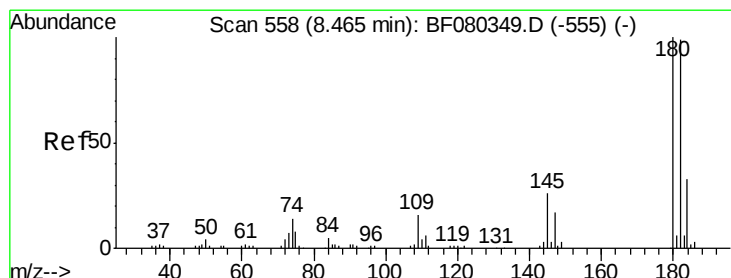
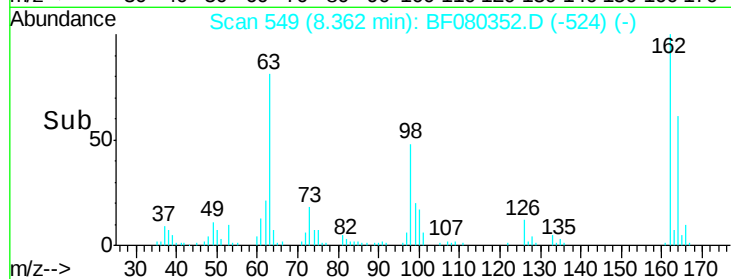
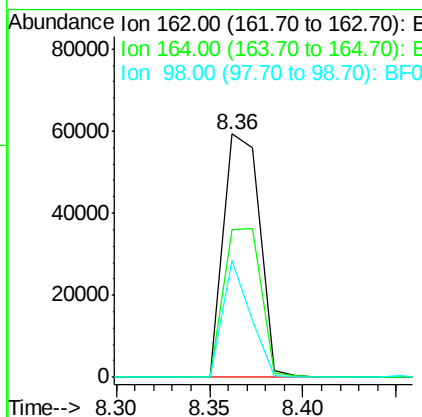
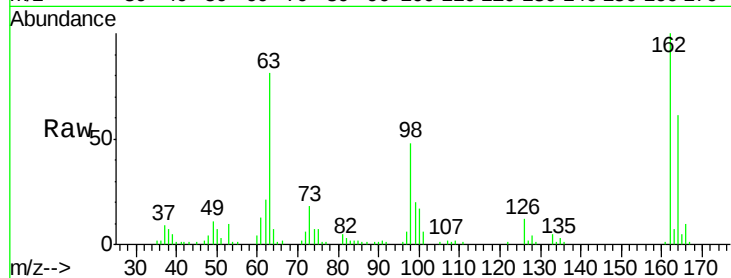




#29
 2,4-Dichlorophenol
 Concen: 44.38 ng
 RT: 8.36 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

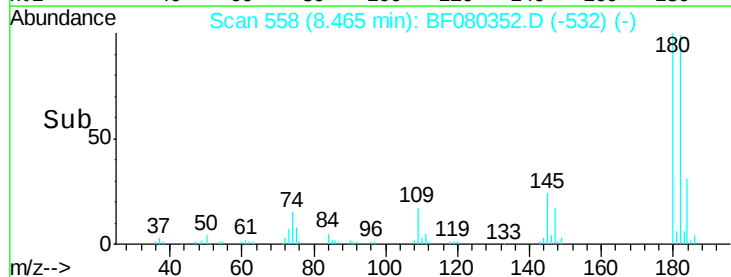
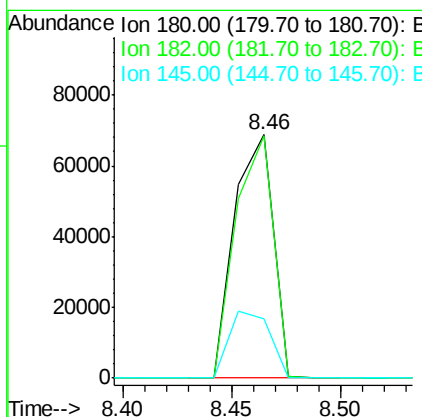
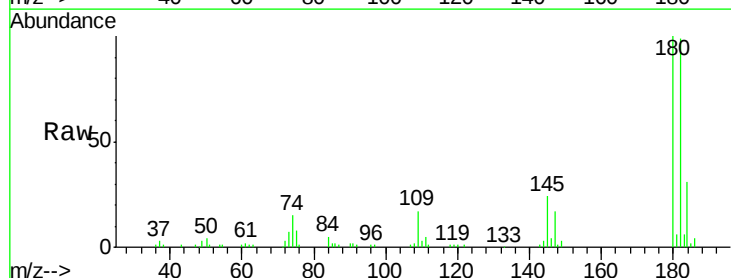
Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

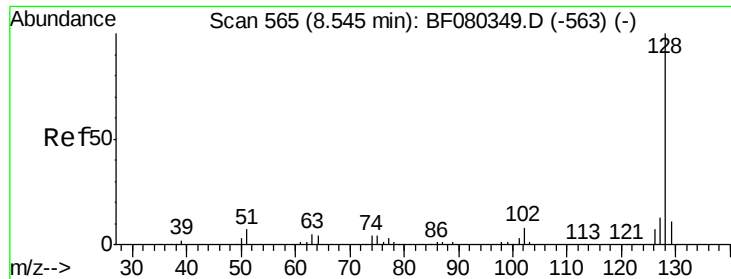
Tgt Ion:162 Resp: 80358
 Ion Ratio Lower Upper
 162 100
 164 60.6 47.0 87.0
 98 47.8 6.6 46.6#



#30
 1,2,4-Trichlorobenzene
 Concen: 39.55 ng
 RT: 8.46 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion:180 Resp: 85123
 Ion Ratio Lower Upper
 180 100
 182 99.4 79.0 118.4
 145 24.5 20.5 30.7

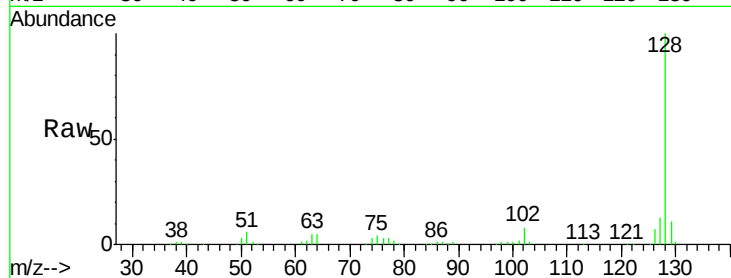




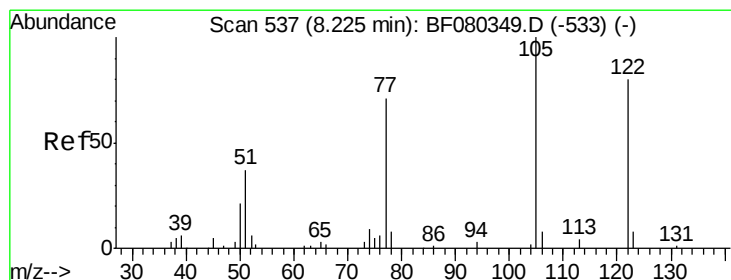
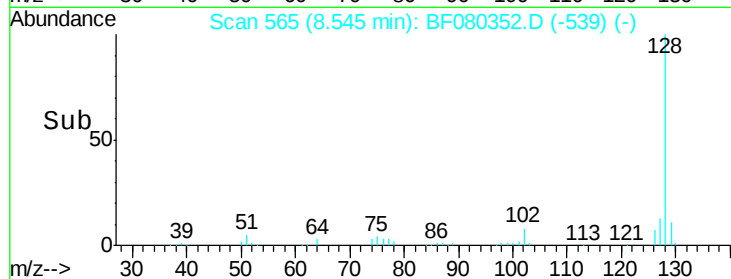
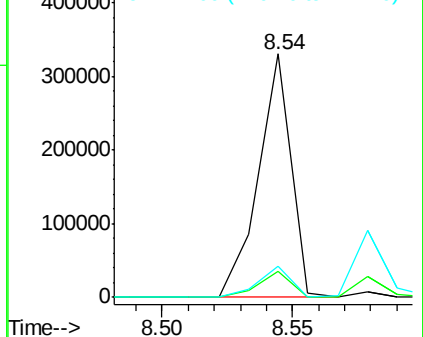
#31
Naphthalene
Concen: 40.60 ng
RT: 8.54 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB84363BS

Tgt Ion:128 Resp: 289648
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.6 10.4 15.6

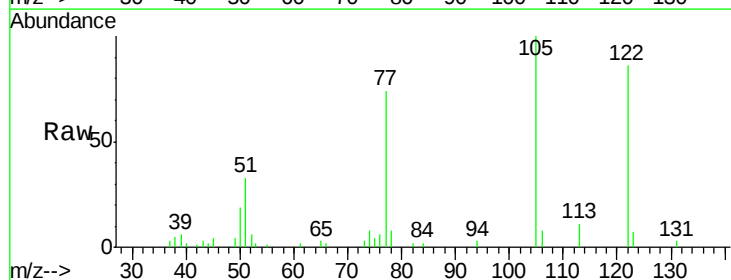


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

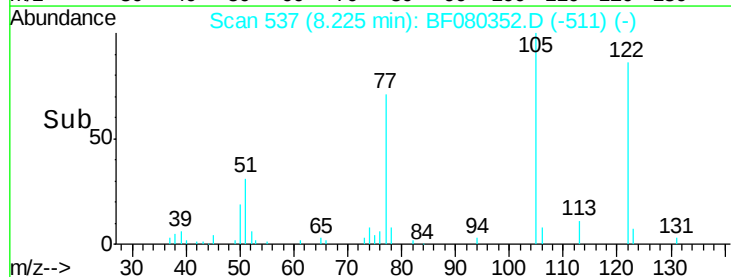
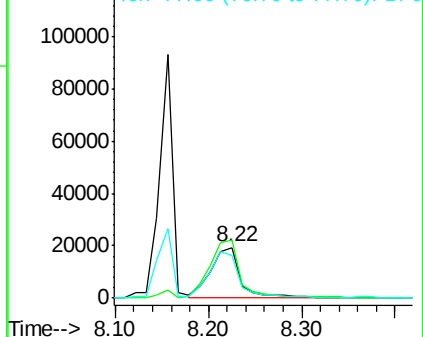


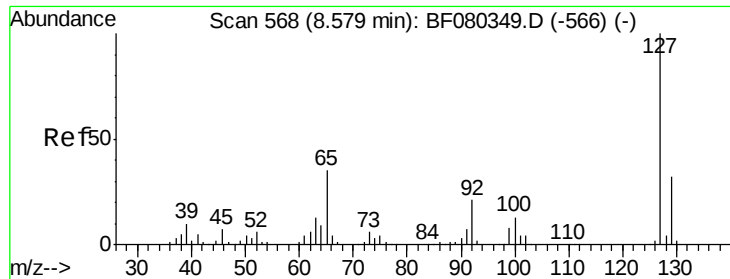
#32
Benzoic acid
Concen: 41.46 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion:122 Resp: 43135
Ion Ratio Lower Upper
122 100
105 115.9 102.2 142.2
77 85.2 68.8 108.8



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

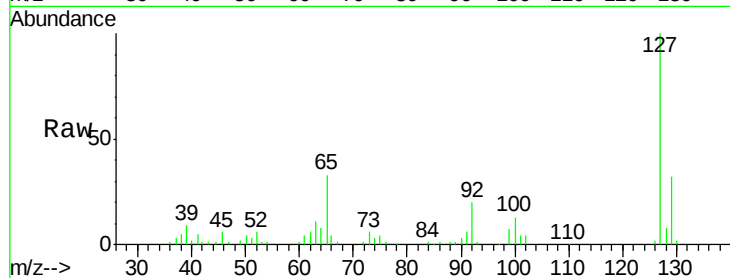




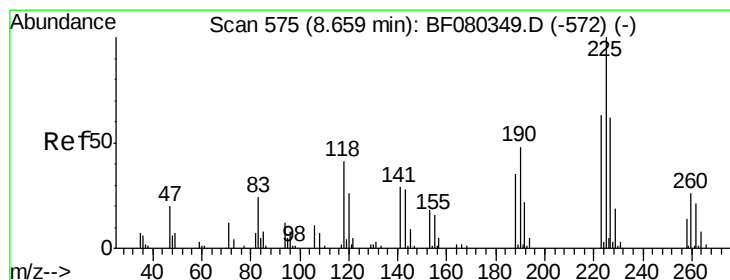
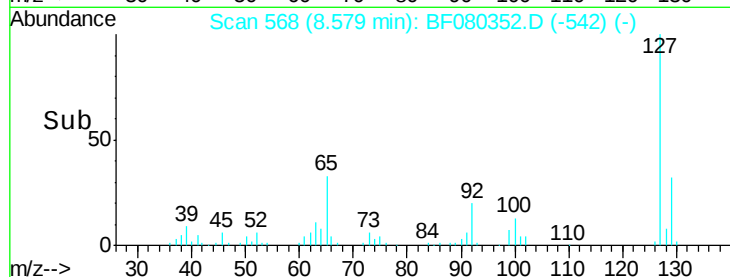
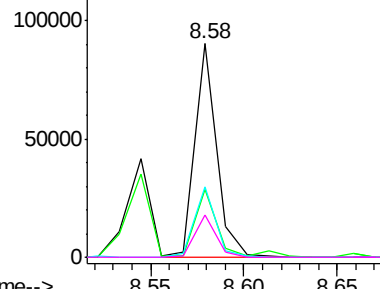
#33
4-Chloroaniline
Concen: 25.92 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB84363BS

Tgt Ion:	127	Resp:	73699
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	33.0	28.1	42.1
92	19.6	16.6	24.8

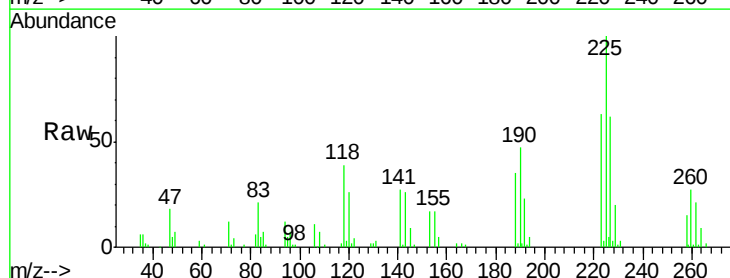


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

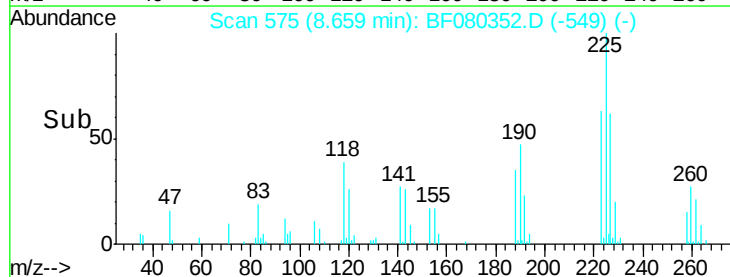
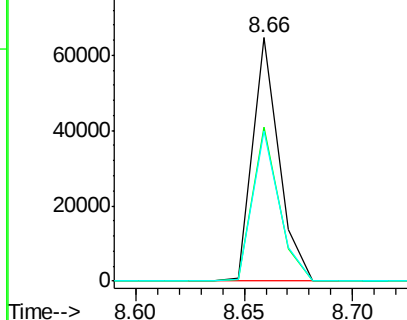


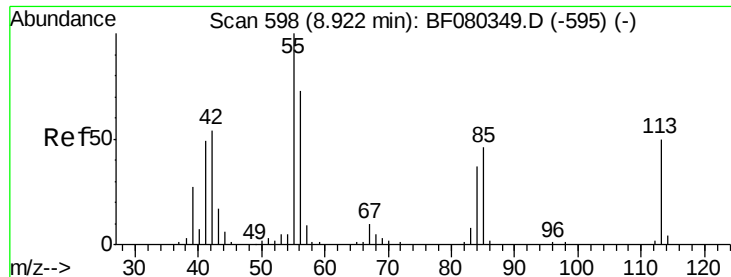
#34
Hexachlorobutadiene
Concen: 41.39 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion:	225	Resp:	54189
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.3	75.5
227	61.7	49.4	74.2



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

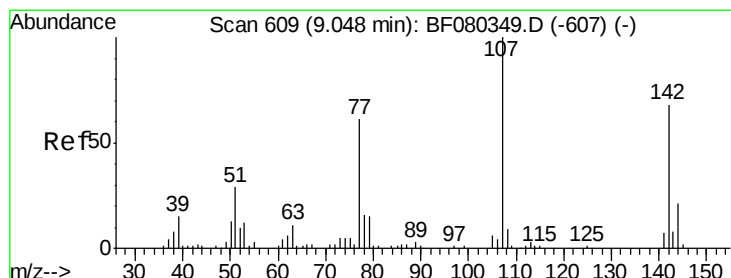
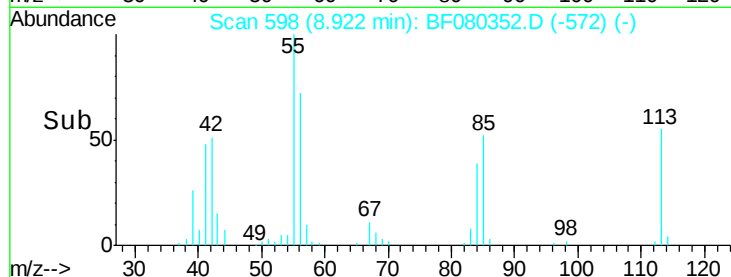
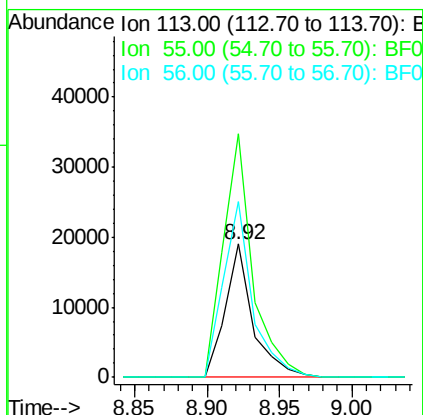
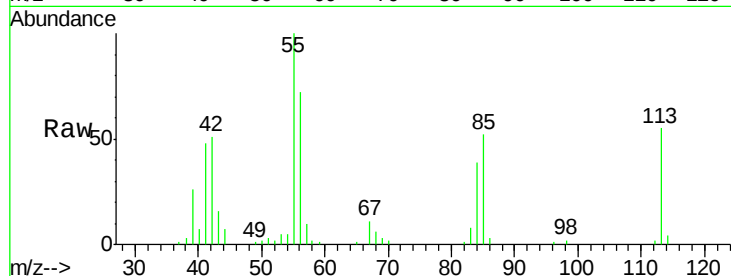




#35
 Caprolactam
 Concen: 44.67 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

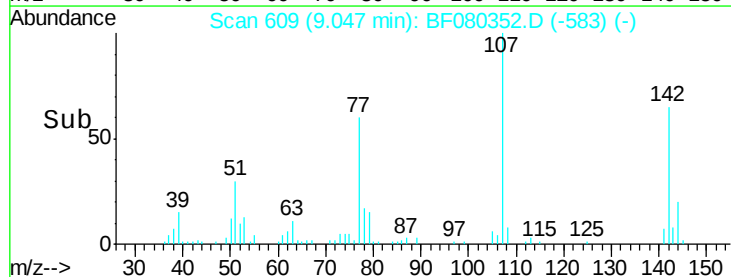
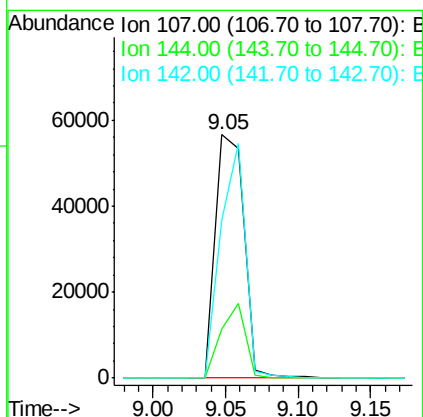
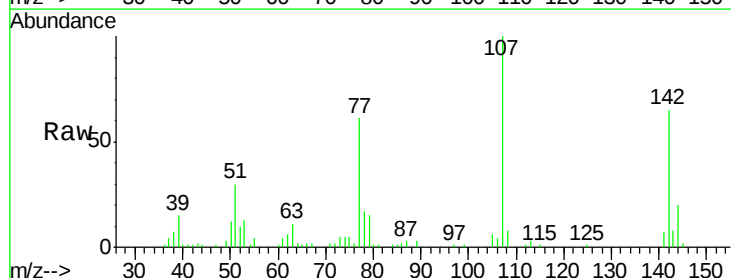
Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

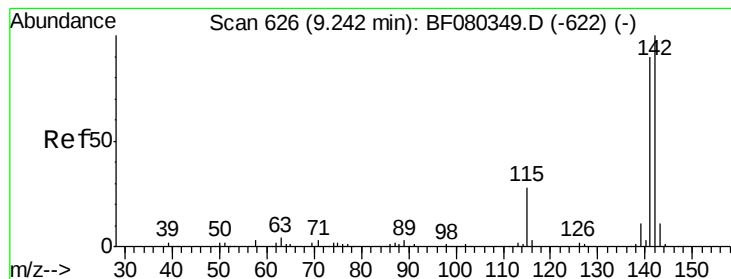
Tgt Ion:113 Resp: 24983
 Ion Ratio Lower Upper
 113 100
 55 183.1 181.4 221.4
 56 131.9 127.3 167.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.64 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion:107 Resp: 77807
 Ion Ratio Lower Upper
 107 100
 144 20.0 16.7 25.1
 142 64.9 54.4 81.6





#37

2-Methylnaphthalene

Concen: 42.22 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB84363BS

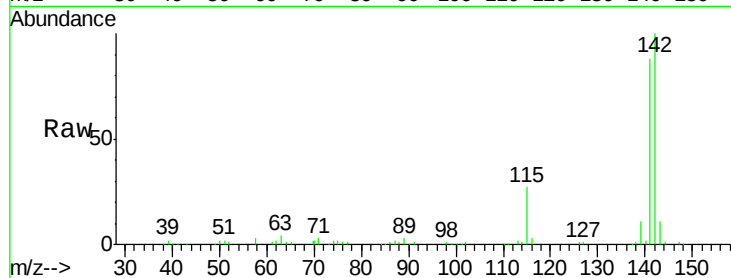
Tgt Ion:142 Resp: 192043

Ion Ratio Lower Upper

142 100

141 88.4 71.8 107.8

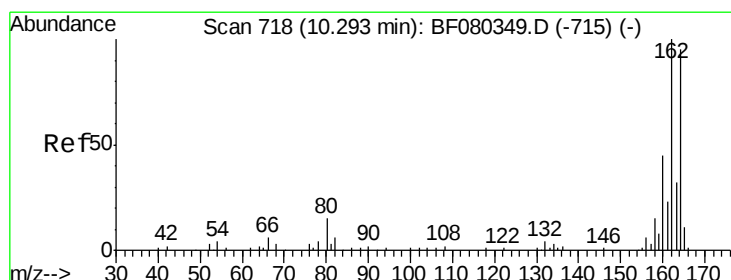
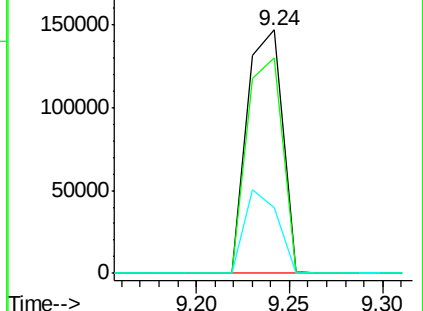
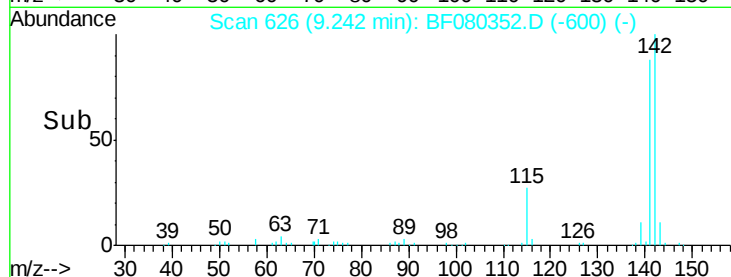
115 27.2 22.6 34.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

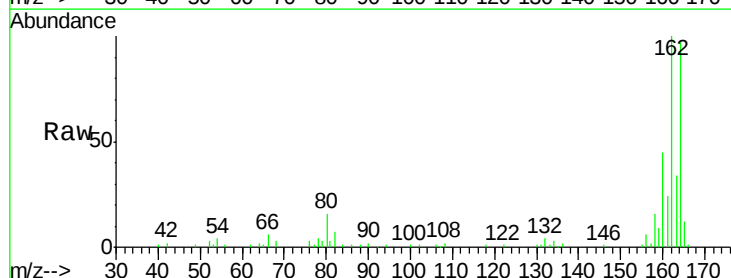
Tgt Ion:164 Resp: 66676

Ion Ratio Lower Upper

164 100

162 103.6 84.5 126.7

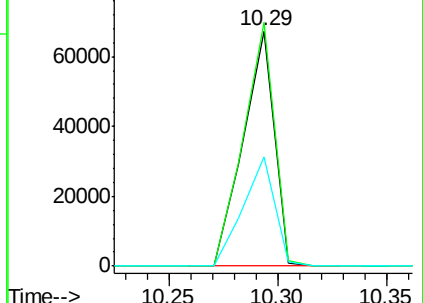
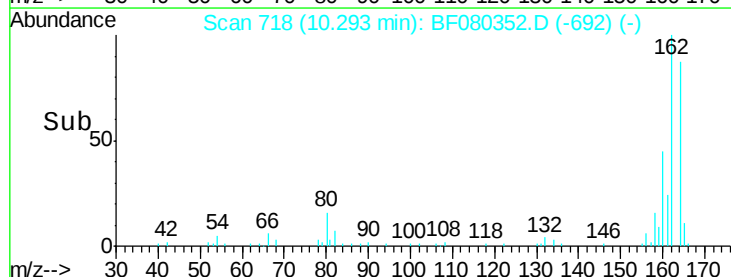
160 46.6 37.7 56.5

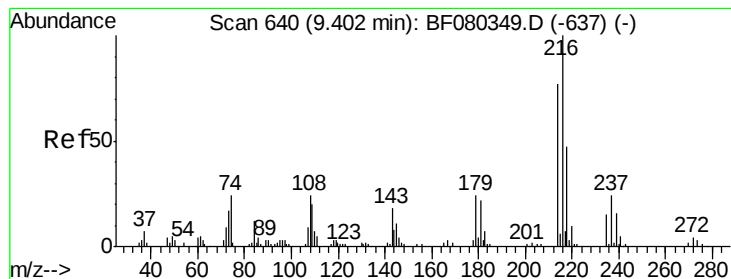


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.03 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB84363BS

Tgt Ion:216 Resp: 86707

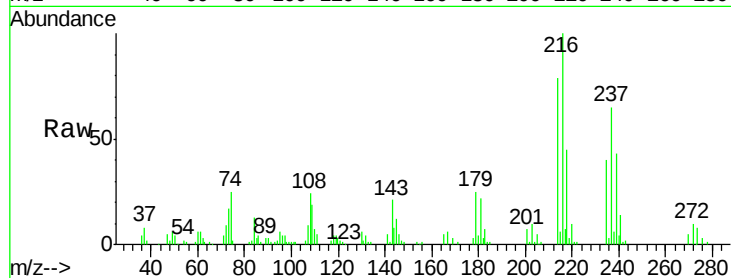
Ion Ratio Lower Upper

216 100

214 78.2 61.2 91.8

179 21.6 16.9 25.3

108 21.4 16.2 24.4

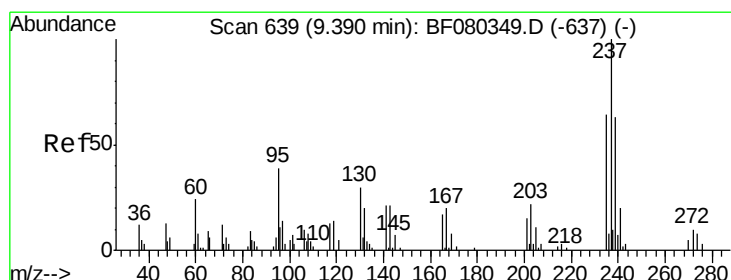
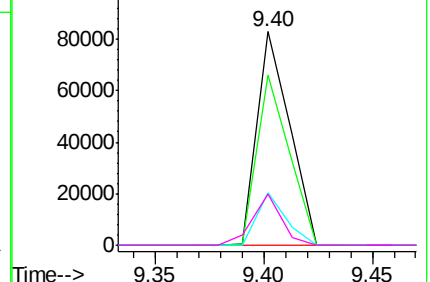
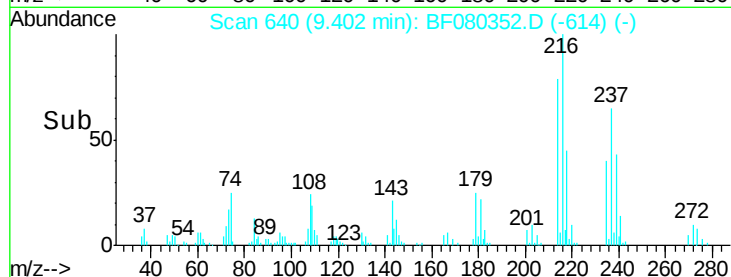


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 85.50 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

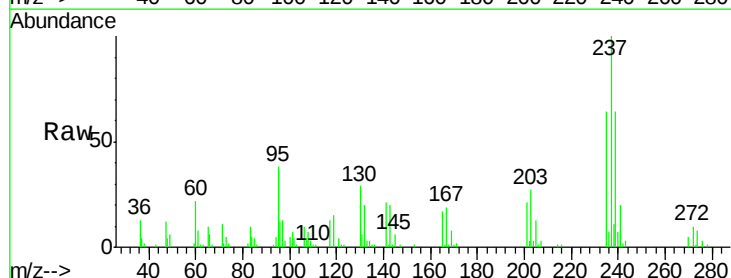
Tgt Ion:237 Resp: 75570

Ion Ratio Lower Upper

237 100

235 64.5 44.2 84.2

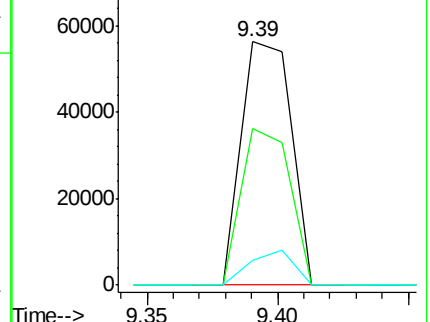
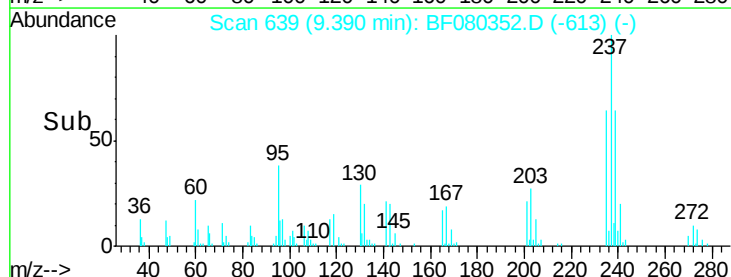
272 9.9 0.0 29.7

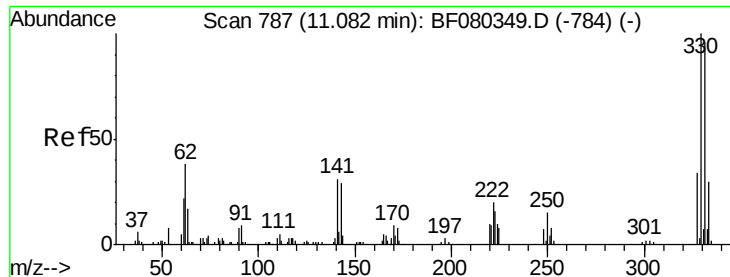


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

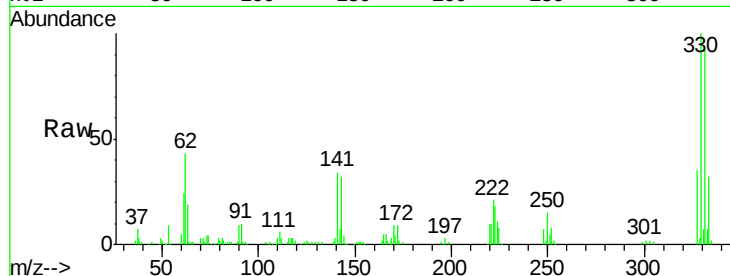




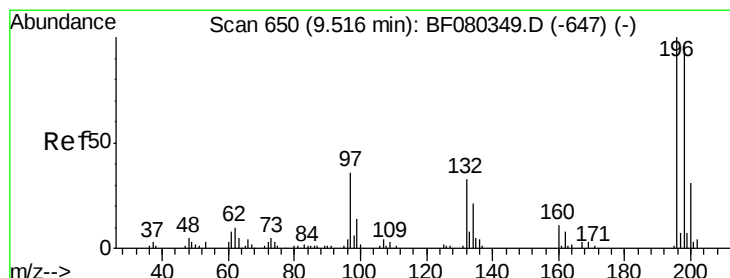
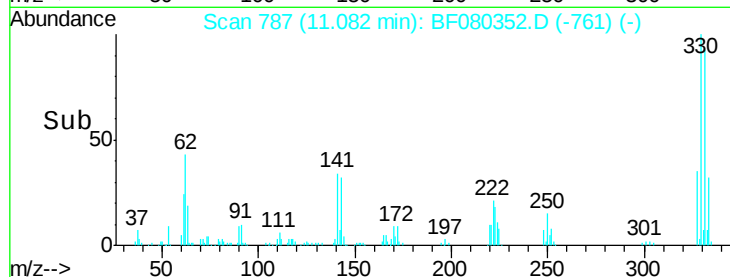
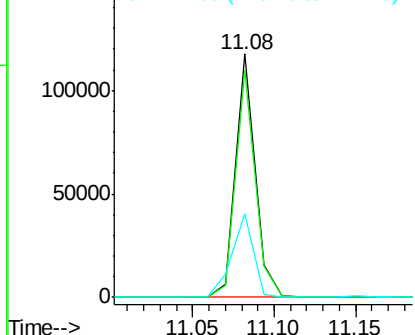
#41
 2,4,6-Tribromophenol
 Concen: 138.08 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Tgt Ion:330 Resp: 96336
 Ion Ratio Lower Upper
 330 100
 332 93.5 77.0 115.4
 141 38.2 29.6 44.4

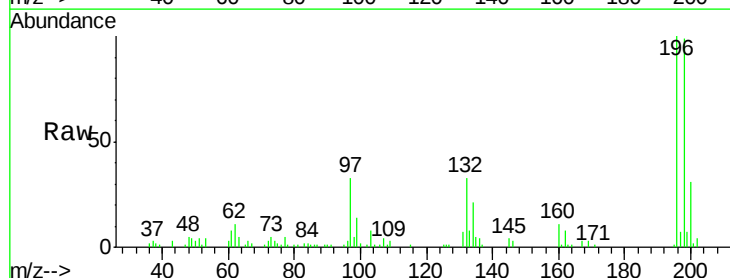


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

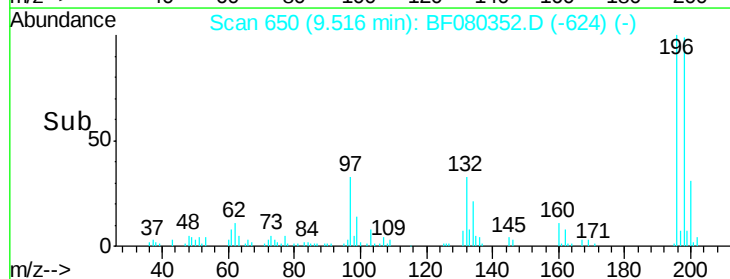
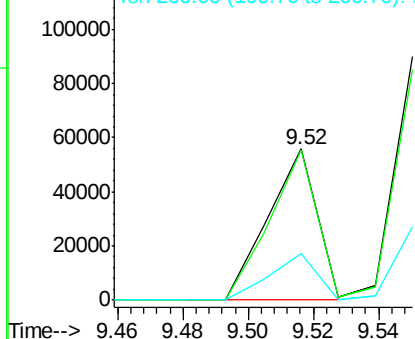


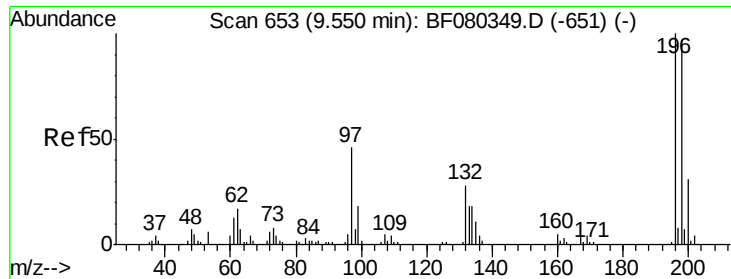
#42
 2,4,6-Trichlorophenol
 Concen: 41.68 ng
 RT: 9.52 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion:196 Resp: 58021
 Ion Ratio Lower Upper
 196 100
 198 99.0 76.4 114.6
 200 31.1 24.6 37.0



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

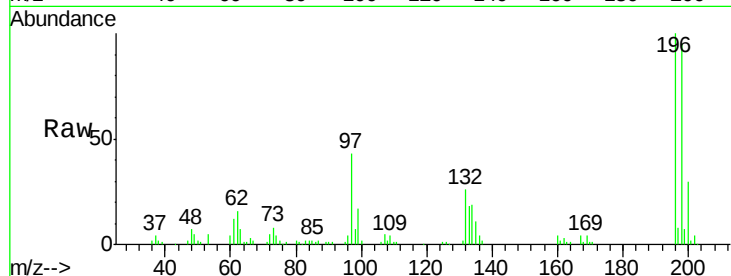




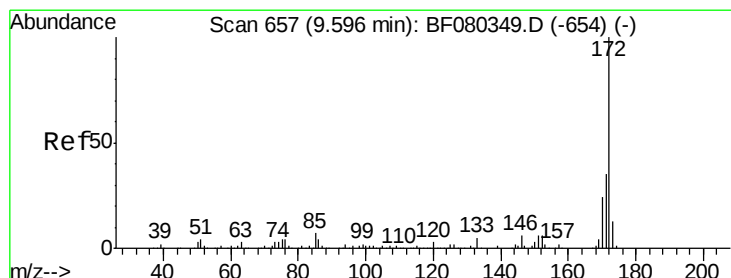
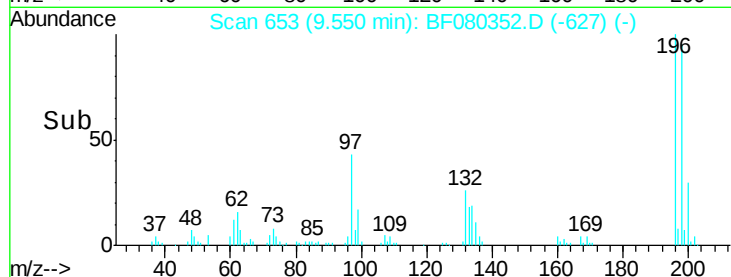
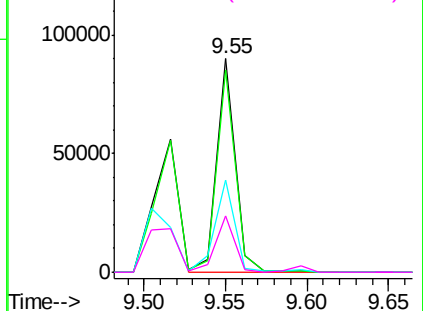
#43
 2,4,5-Trichlorophenol
 Concen: 43.92 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Tgt Ion:196 Resp: 71259
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.2 115.8
 97 43.1 37.0 55.6
 132 26.3 22.2 33.2

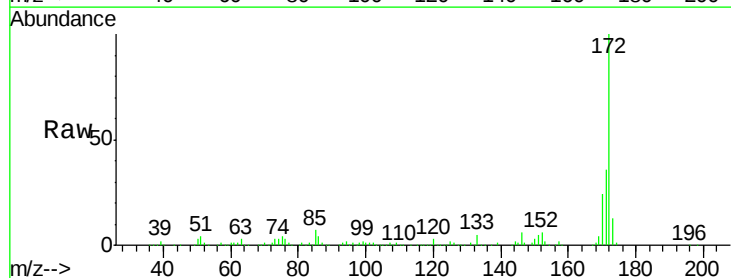


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

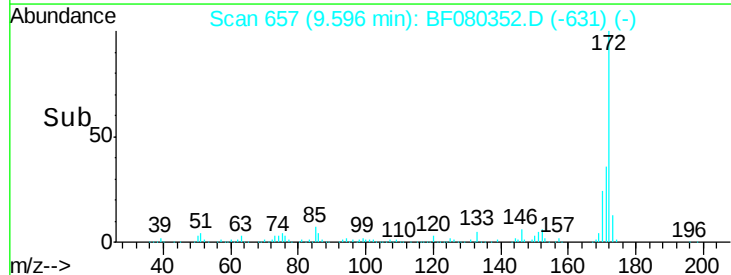
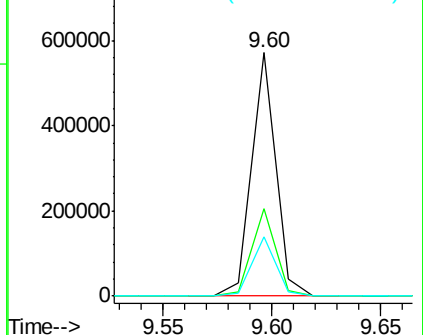


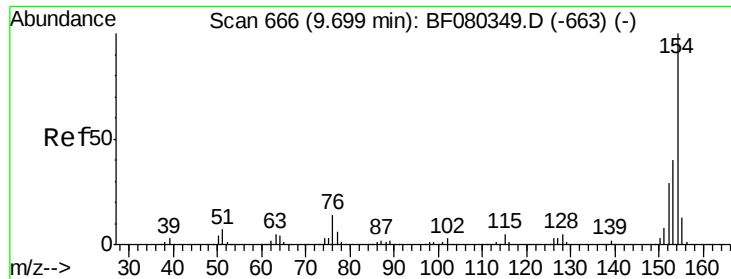
#44
 2-Fluorobiphenyl
 Concen: 89.37 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion:172 Resp: 441550
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.3 42.5
 170 24.3 19.1 28.7



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

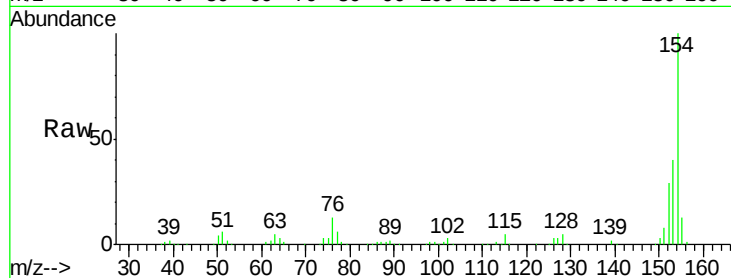




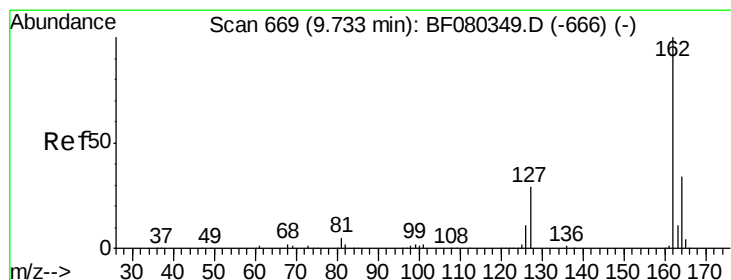
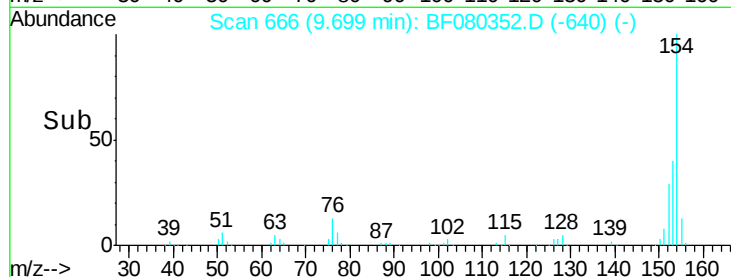
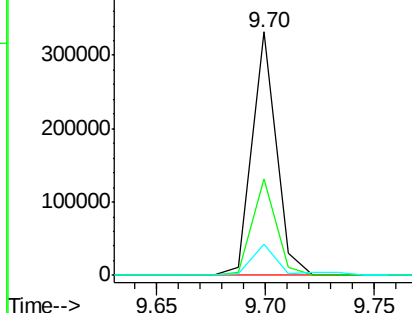
#45
 1,1'-Biphenyl
 Concen: 43.21 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	19.8	59.8
76	12.8	0.0	33.6

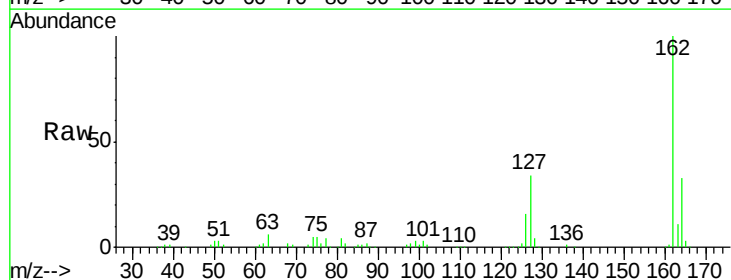


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

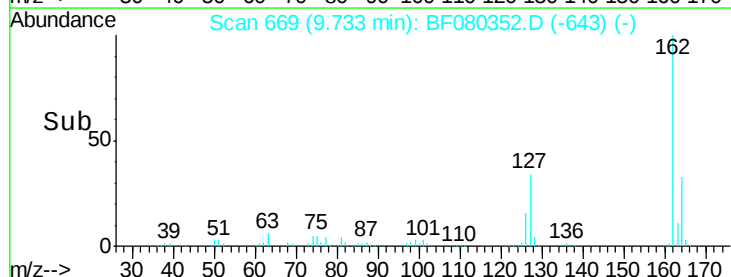
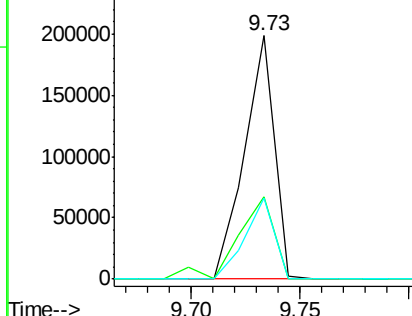


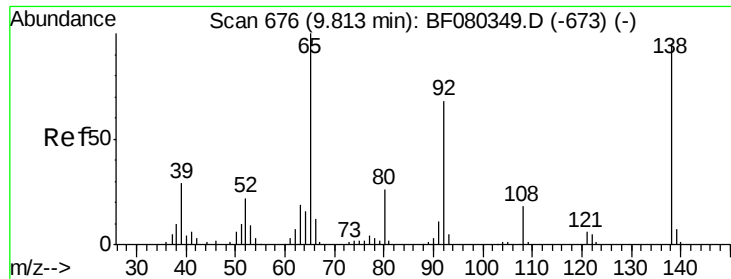
#46
 2-Chloronaphthalene
 Concen: 41.87 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.8	27.3	40.9
164	33.1	27.2	40.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

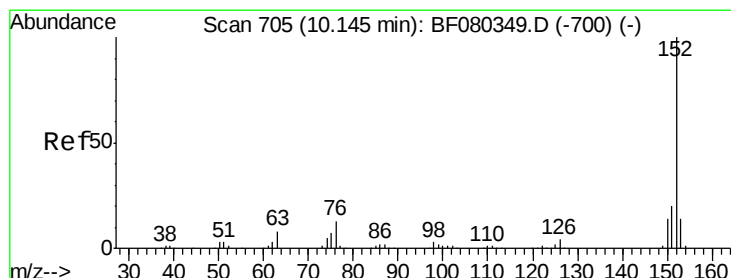
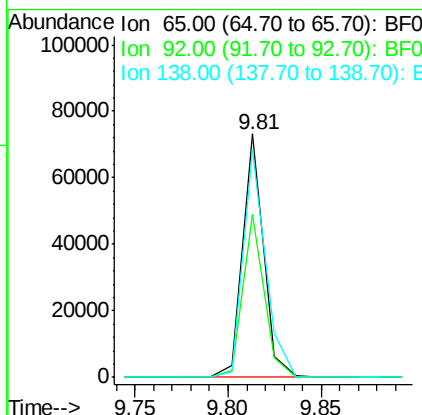
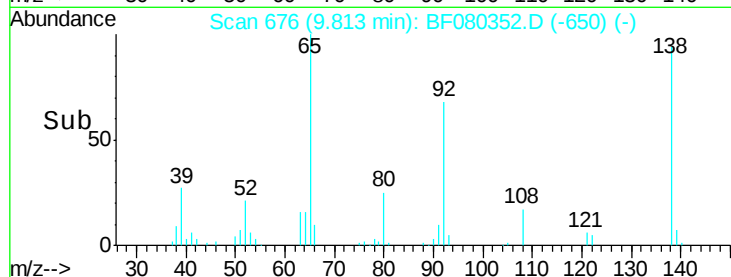
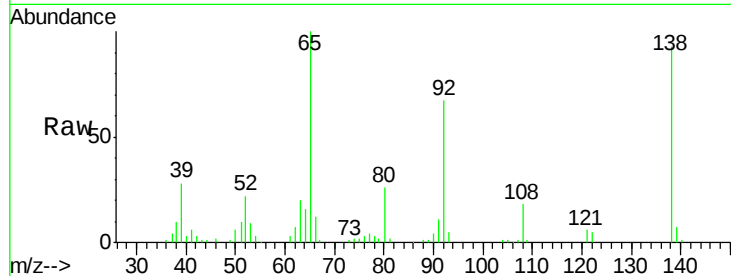




#47
 2-Nitroaniline
 Concen: 45.45 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

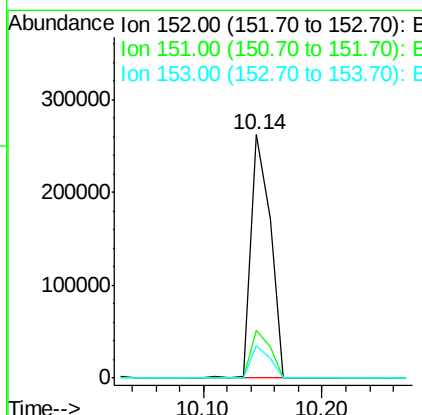
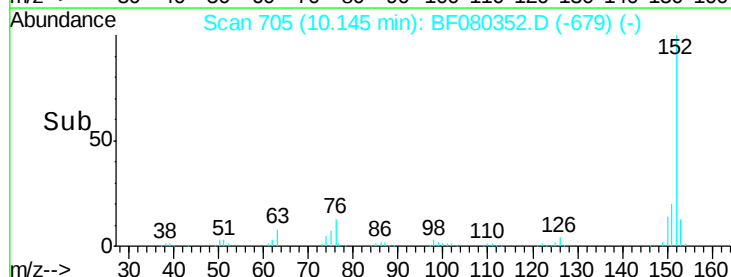
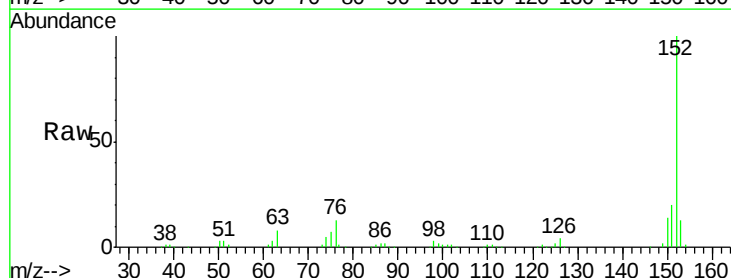
Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

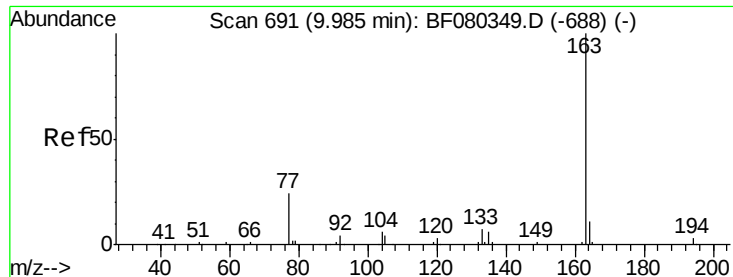
Tgt Ion: 65 Resp: 57394
 Ion Ratio Lower Upper
 65 100
 92 67.2 54.2 81.2
 138 93.5 76.1 114.1



#48
 Acenaphthylene
 Concen: 40.11 ng
 RT: 10.14 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion: 152 Resp: 301290
 Ion Ratio Lower Upper
 152 100
 151 19.6 16.3 24.5
 153 13.2 11.0 16.4

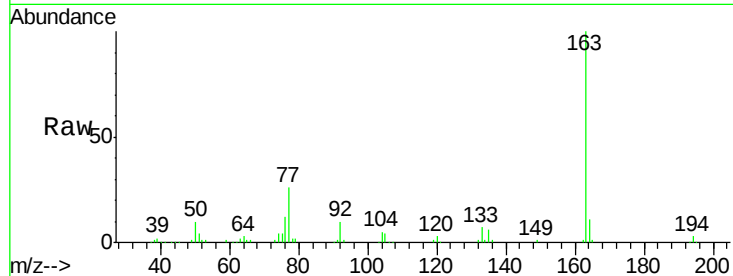




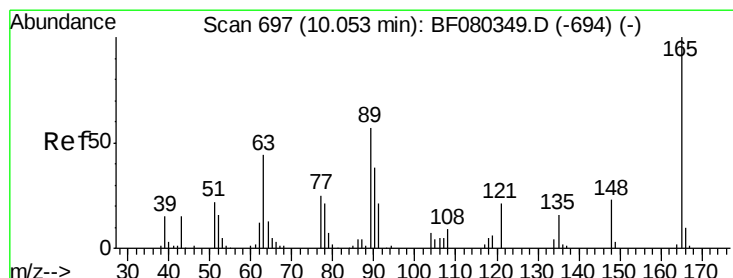
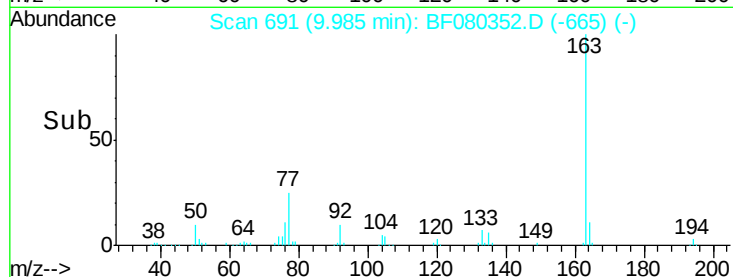
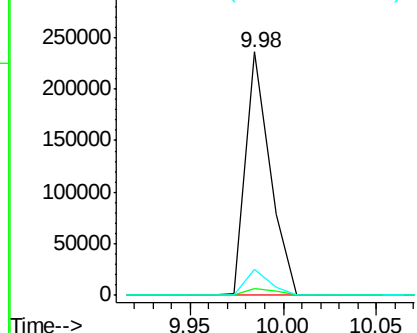
#49
Dimethylphthalate
Concen: 40.65 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB84363BS

Tgt Ion:163 Resp: 217632
Ion Ratio Lower Upper
163 100
194 3.1 2.6 3.8
164 10.5 8.5 12.7

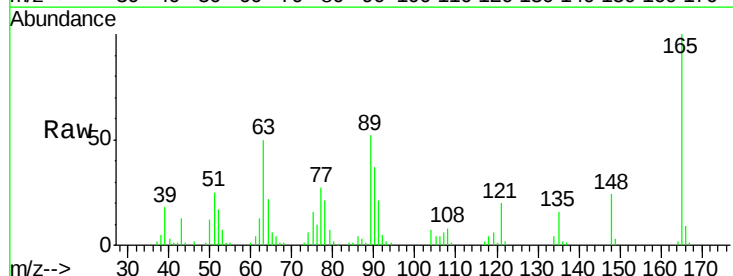


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

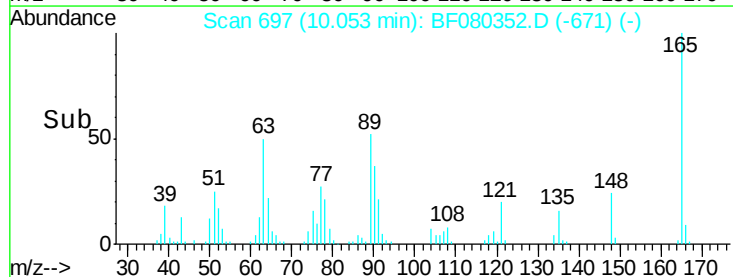
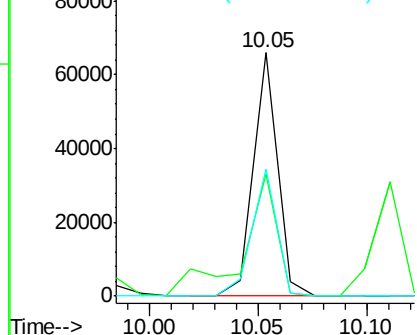


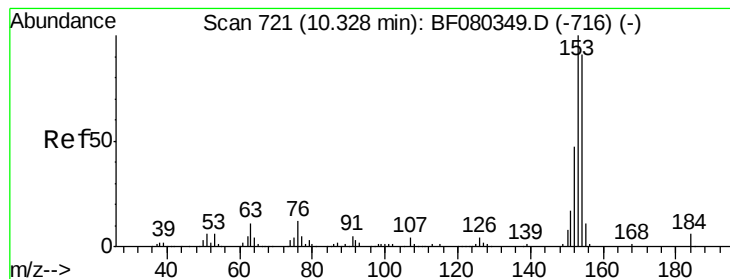
#50
2,6-Dinitrotoluene
Concen: 45.28 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion:165 Resp: 50676
Ion Ratio Lower Upper
165 100
63 50.0 44.8 67.2
89 52.4 45.9 68.9



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





#51

Acenaphthene

Concen: 43.62 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB84363BS

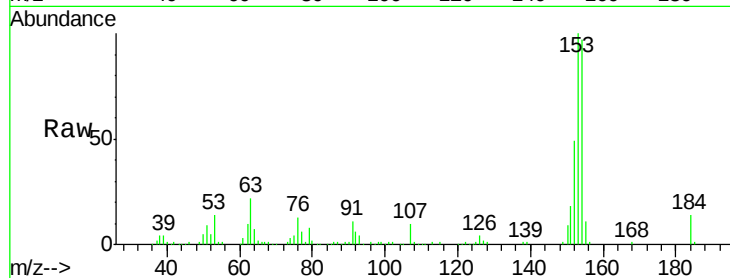
Tgt Ion:154 Resp: 196134

Ion Ratio Lower Upper

154 100

153 102.8 88.1 132.1

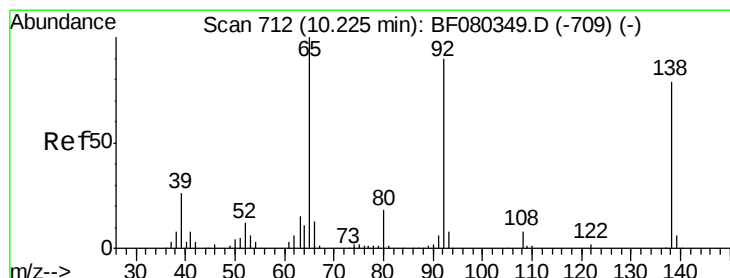
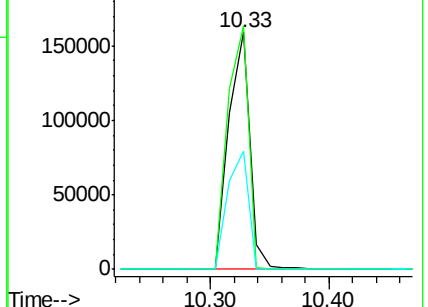
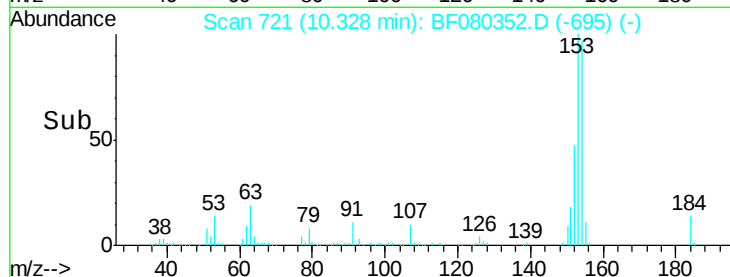
152 50.0 41.8 62.6



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: 30.60 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

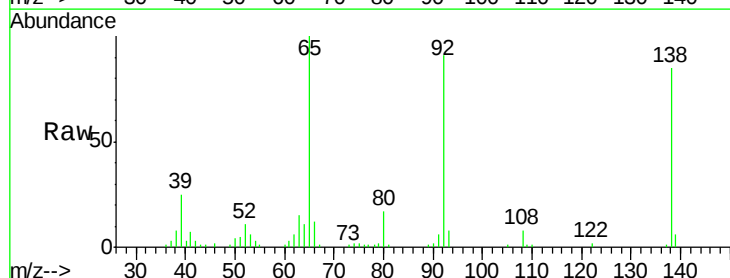
Tgt Ion:138 Resp: 38591

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.8

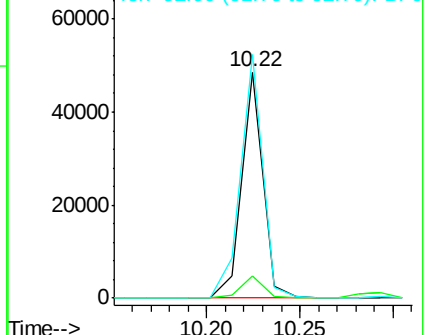
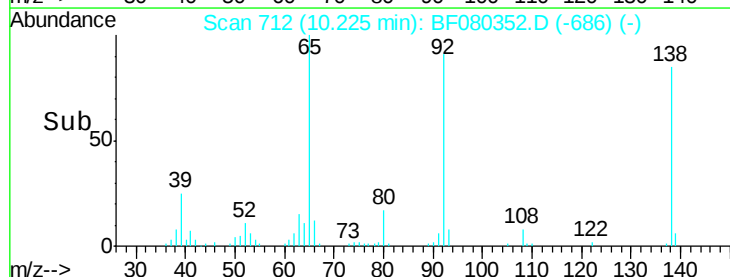
92 107.7 91.0 136.6

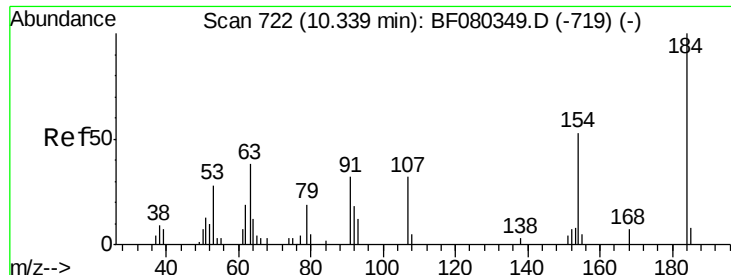


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

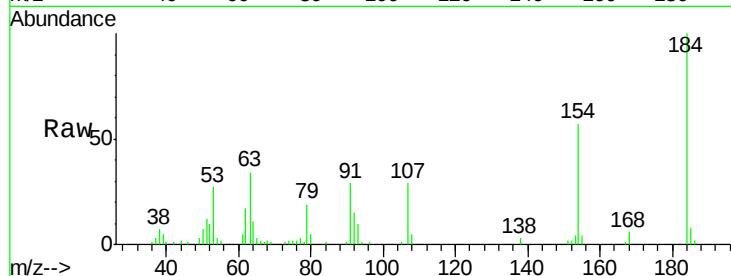




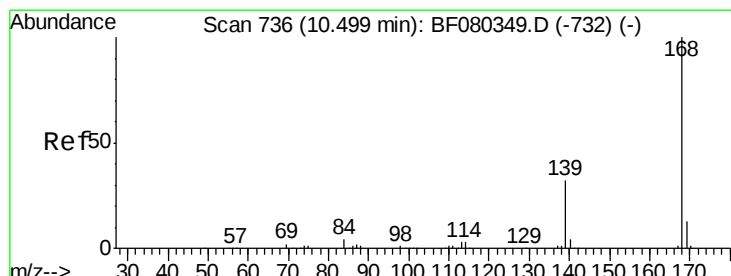
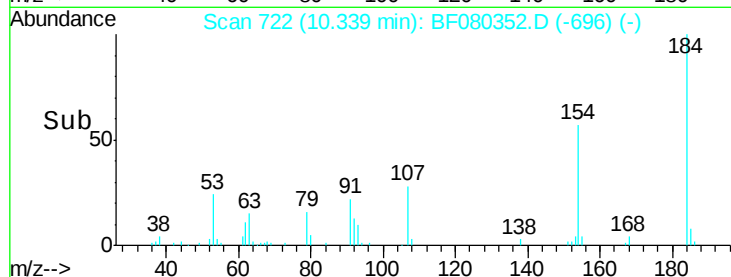
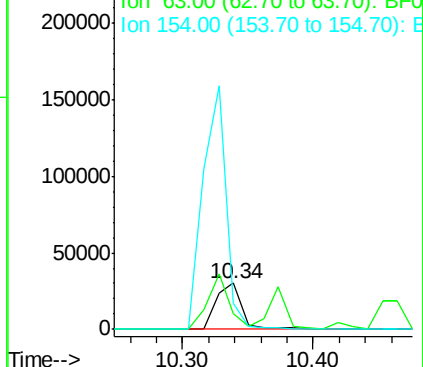
#53
 2,4-Dinitrophenol
 Concen: 84.14 ng
 RT: 10.34 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Tgt Ion:184 Resp: 41189
 Ion Ratio Lower Upper
 184 100
 63 34.1 30.6 46.0
 154 56.7 45.3 67.9

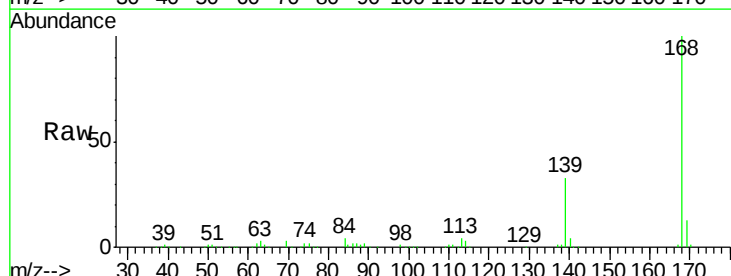


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

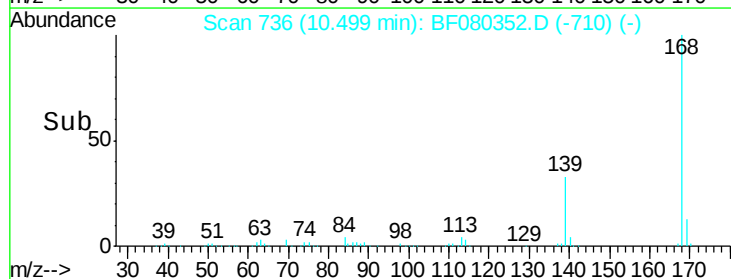
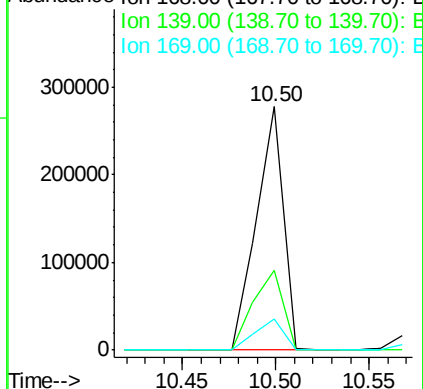


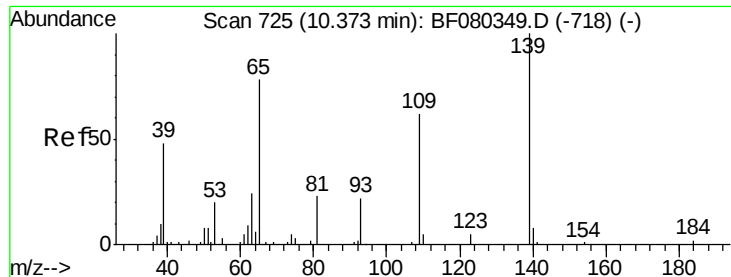
#54
 Dibenzofuran
 Concen: 43.18 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion:168 Resp: 276033
 Ion Ratio Lower Upper
 168 100
 139 32.7 25.9 38.9
 169 12.8 10.3 15.5



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

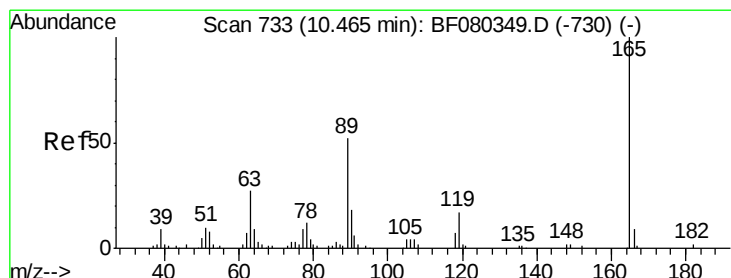
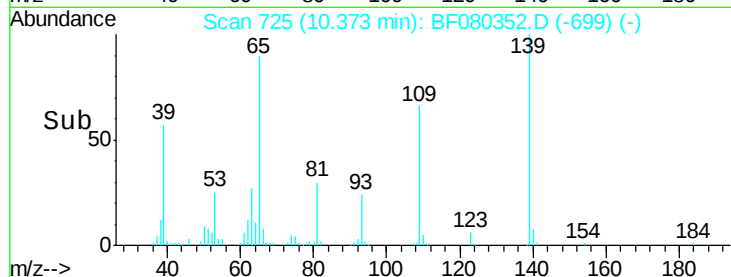
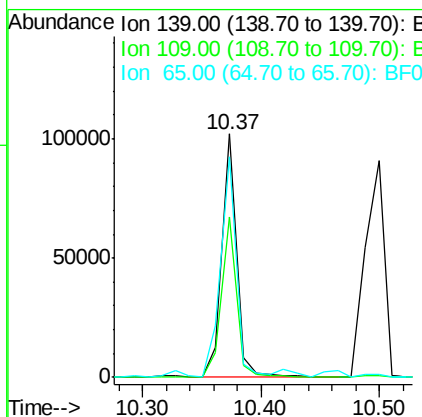
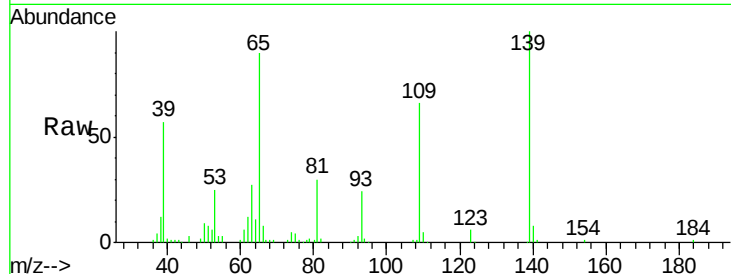




#55
4-Nitrophenol
Concen: 94.82 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

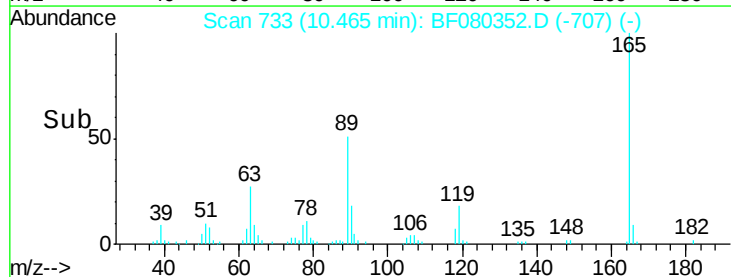
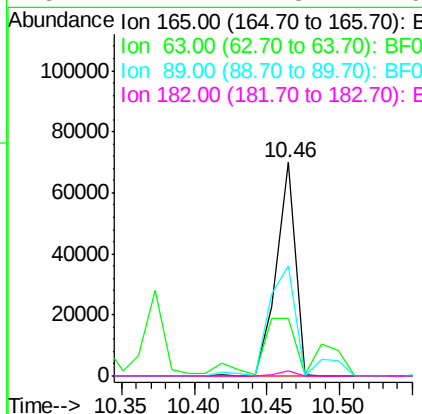
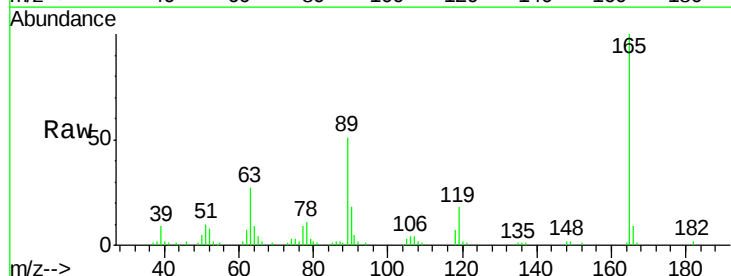
Instrument :
BNA_F
ClientSampleId :
PB84363BS

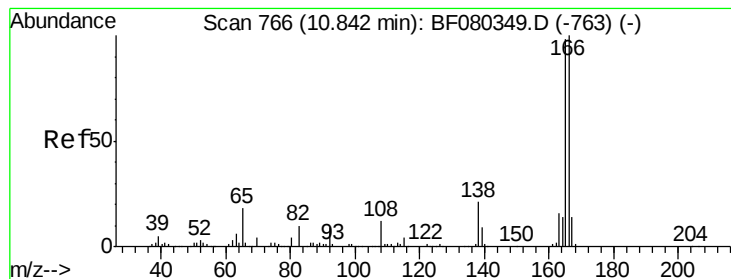
Tgt Ion:139 Resp: 87643
Ion Ratio Lower Upper
139 100
109 65.9 42.3 82.3
65 90.4 58.5 98.5



#56
2,4-Dinitrotoluene
Concen: 44.59 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion:165 Resp: 64176
Ion Ratio Lower Upper
165 100
63 27.1 21.8 32.8
89 51.5 41.3 61.9
182 2.4 1.8 2.6





#57

Fluorene

Concen: 42.80 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB84363BS

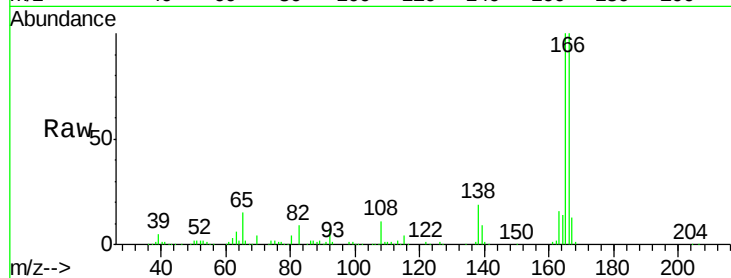
Tgt Ion:166 Resp: 235597

Ion Ratio Lower Upper

166 100

165 99.7 78.6 117.8

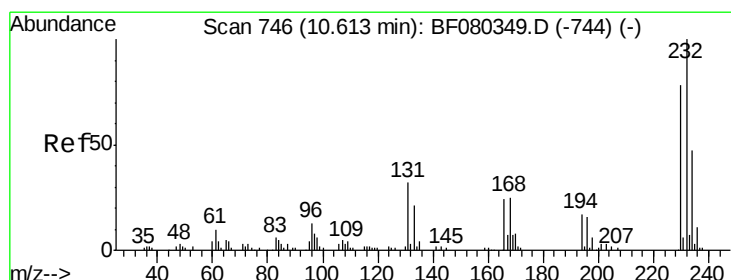
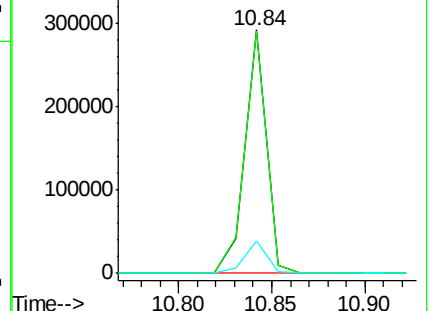
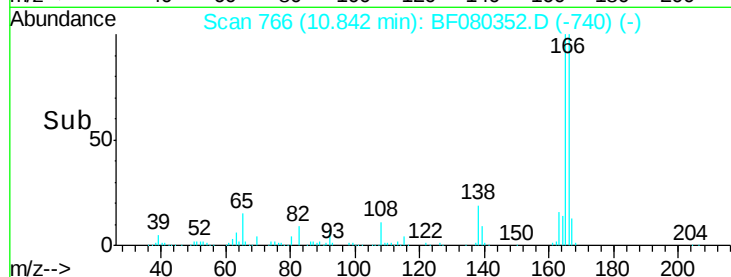
167 13.5 10.8 16.2



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: 43.97 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Tgt Ion:232 Resp: 57147

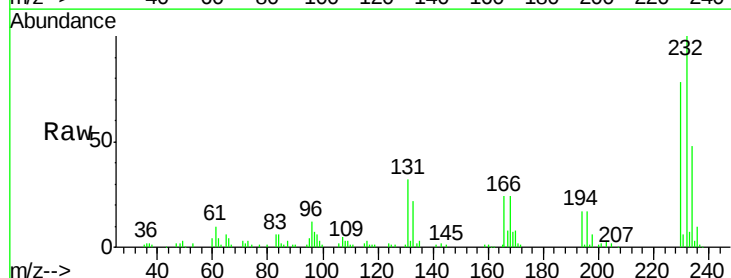
Ion Ratio Lower Upper

232 100

131 41.2 33.4 50.2

130 1.9 1.8 2.6

166 27.9 22.1 33.1

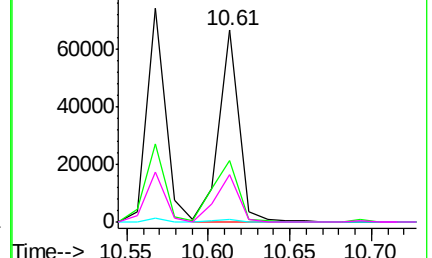
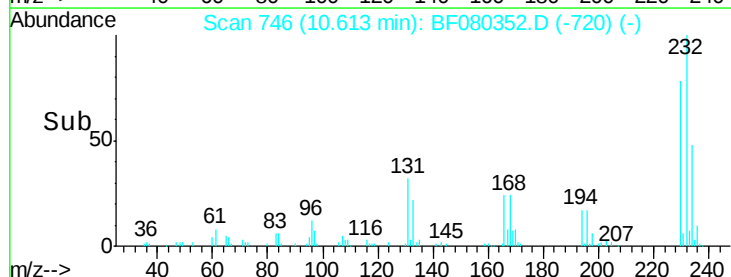


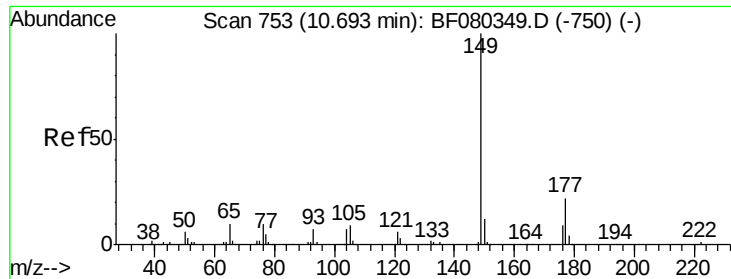
Abundance Ion 232.00 (231.70 to 232.70): E

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

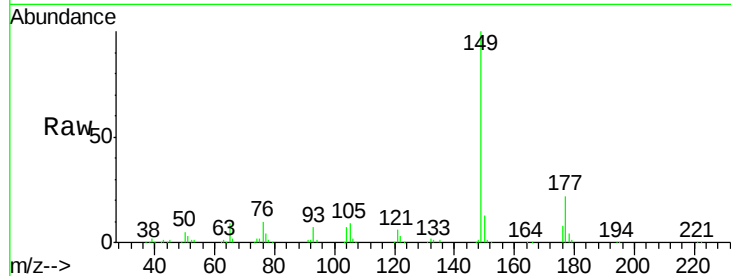




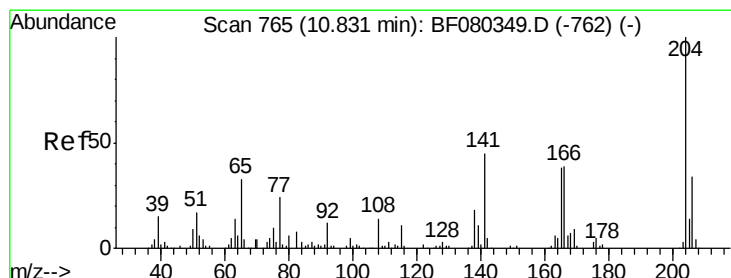
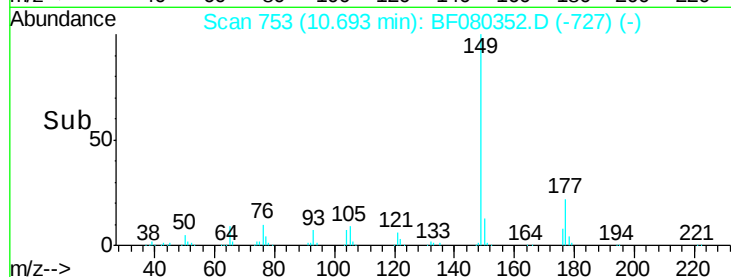
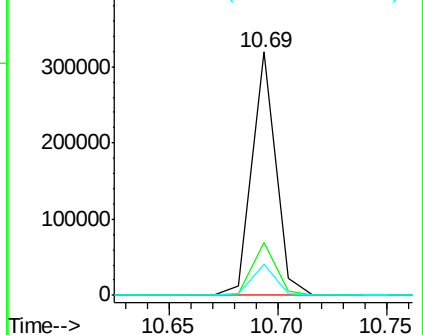
#59
Diethylphthalate
Concen: 45.32 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB84363BS

Tgt Ion:149 Resp: 242343
Ion Ratio Lower Upper
149 100
177 21.8 17.6 26.4
150 12.6 10.0 15.0

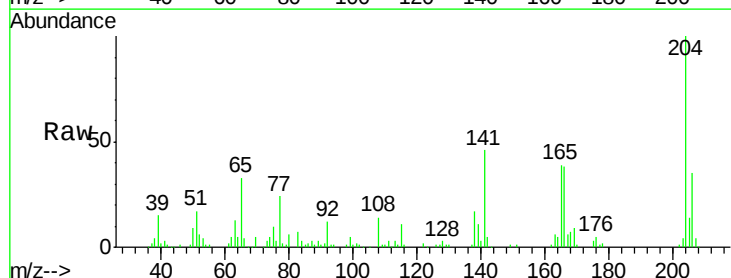


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

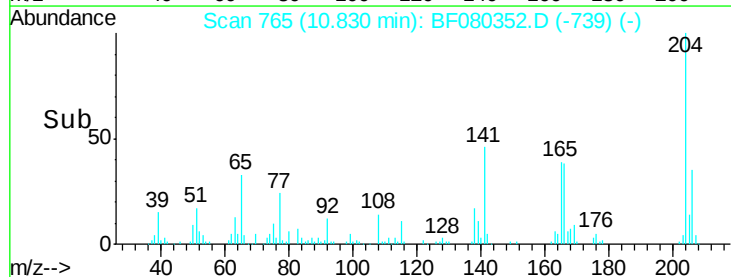
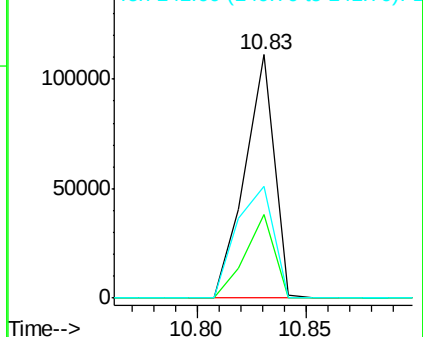


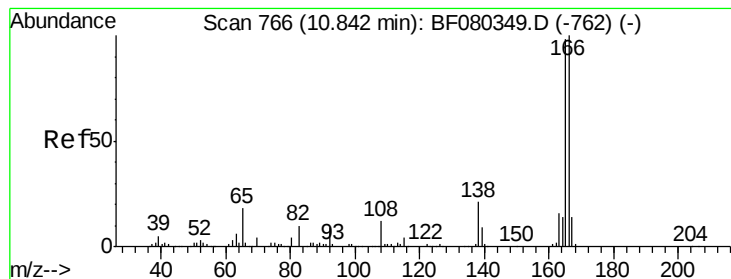
#60
4-Chlorophenyl-phenylether
Concen: 43.00 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion:204 Resp: 104752
Ion Ratio Lower Upper
204 100
206 34.6 27.2 40.8
141 45.9 35.9 53.9



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: 43.03 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB84363BS

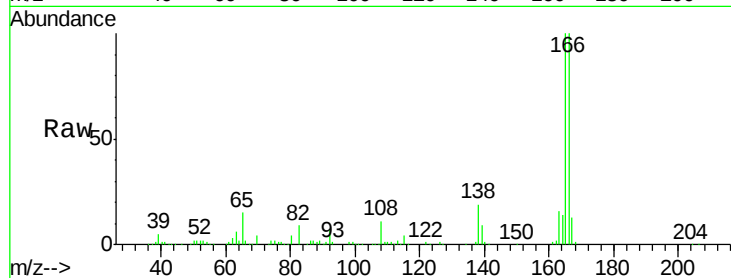
Tgt Ion:138 Resp: 52677

Ion Ratio Lower Upper

138 100

92 39.6 21.0 61.0

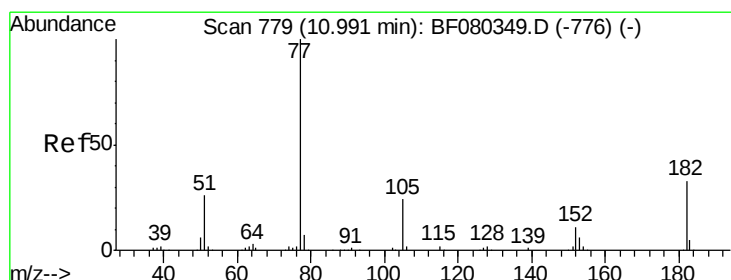
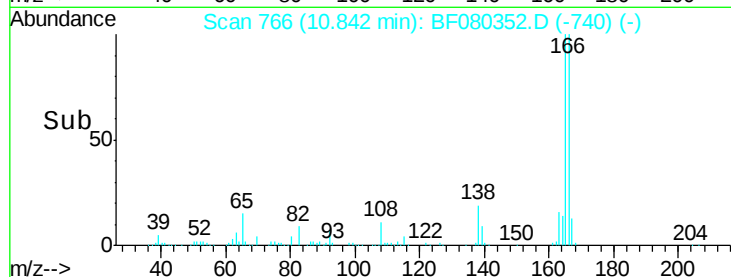
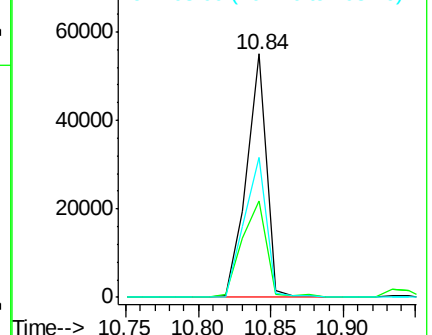
108 57.5 38.4 78.4



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: 43.88 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Tgt Ion: 77 Resp: 222886

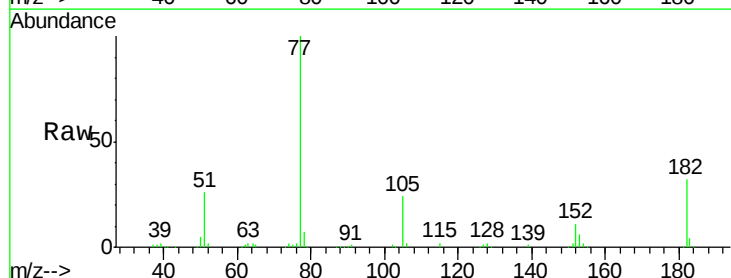
Ion Ratio Lower Upper

77 100

182 32.4 13.2 53.2

105 24.4 4.3 44.3

51 26.2 6.3 46.3

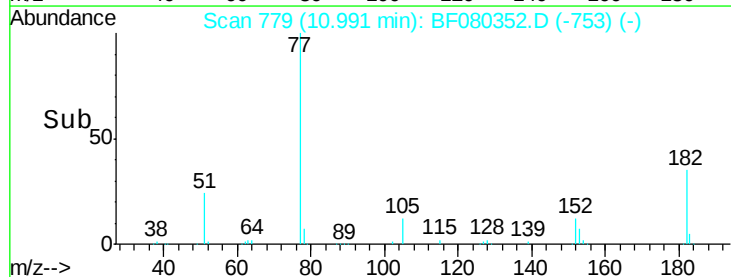
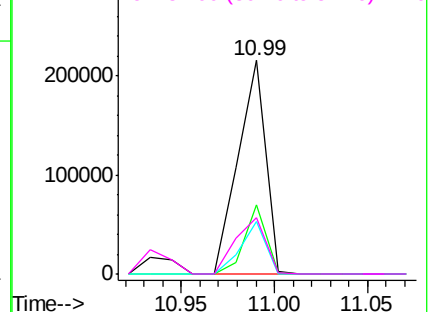


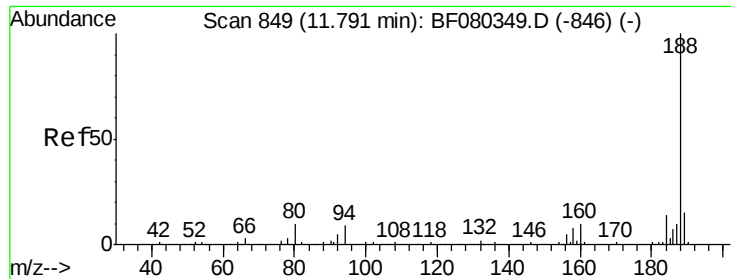
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

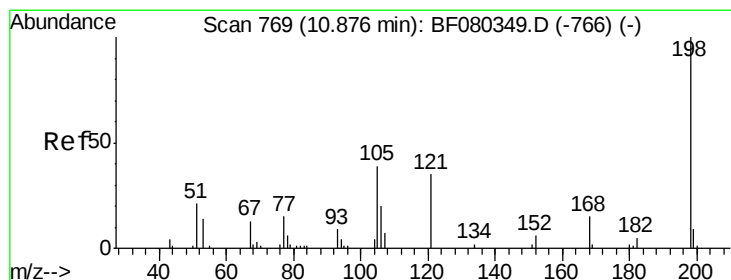
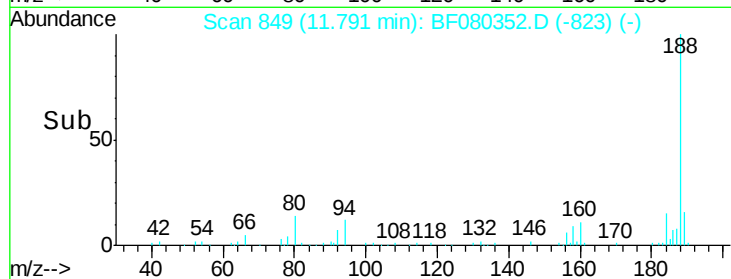
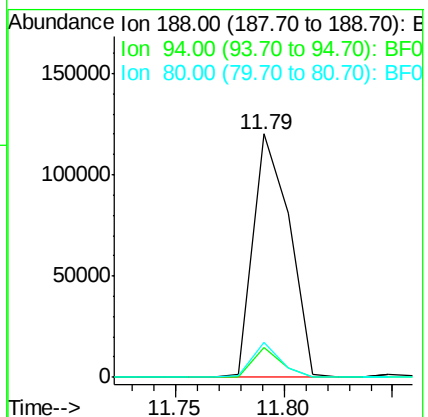
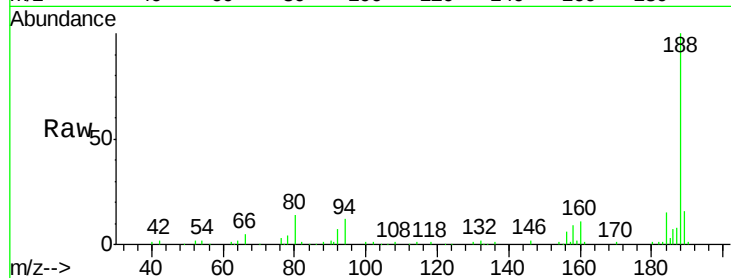




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.79 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

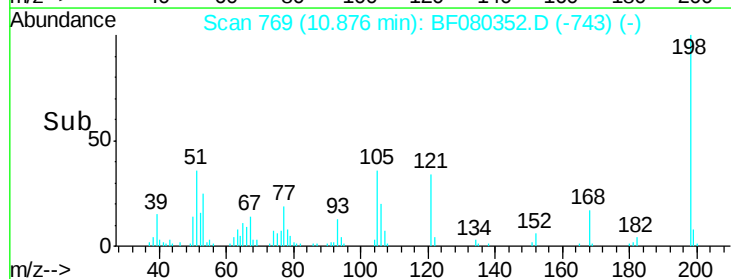
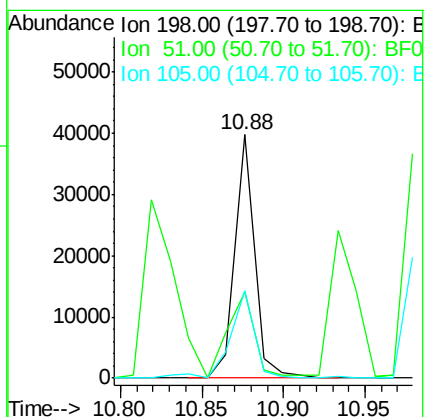
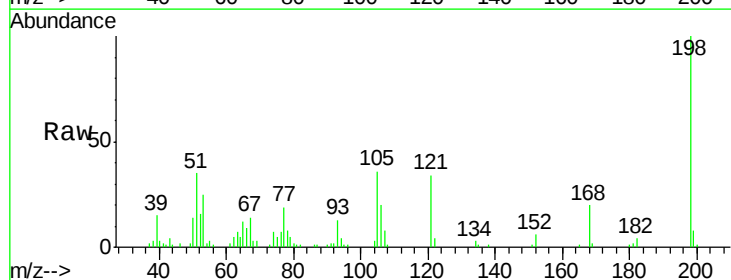
Instrument :
BNA_F
ClientSampleId :
PB84363BS

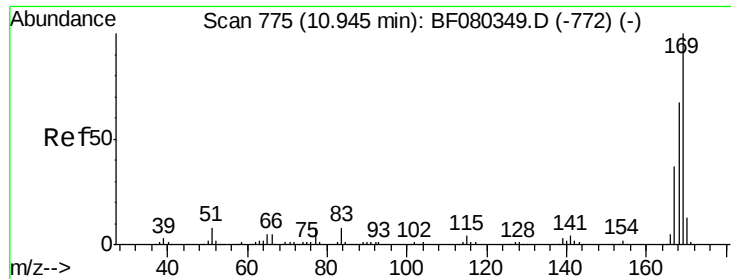
Tgt Ion:188 Resp: 139960
Ion Ratio Lower Upper
188 100
94 12.4 7.5 11.3#
80 14.3 8.3 12.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 41.42 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion:198 Resp: 33077
Ion Ratio Lower Upper
198 100
51 35.2 17.0 57.0
105 35.9 20.9 60.9

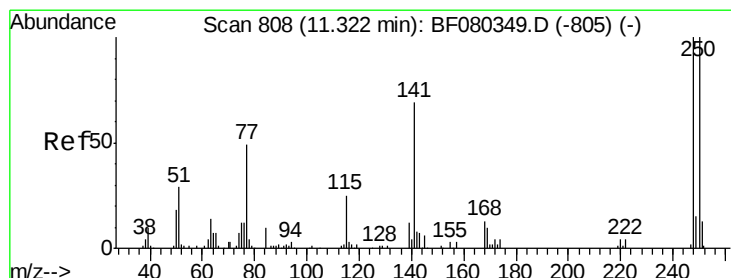
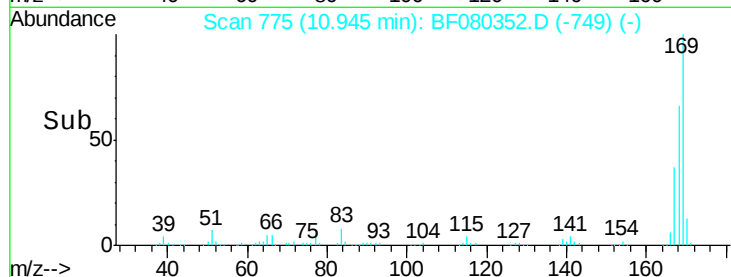
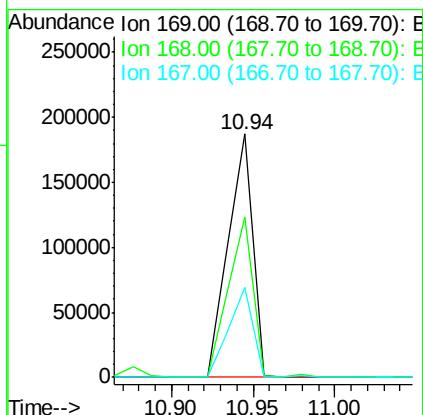
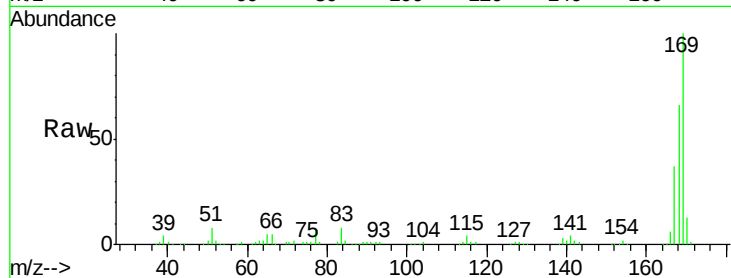




#65
 n-Nitrosodiphenylamine
 Concen: 43.25 ng
 RT: 10.94 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

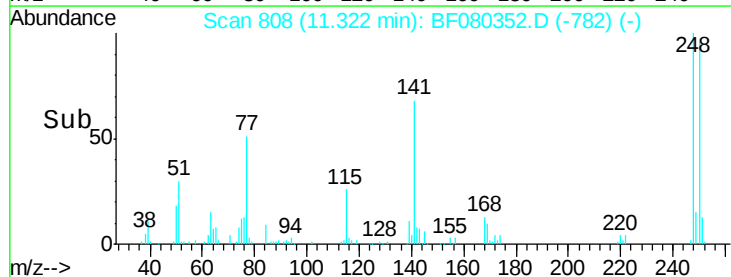
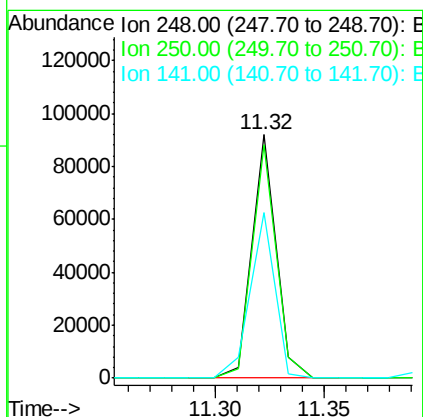
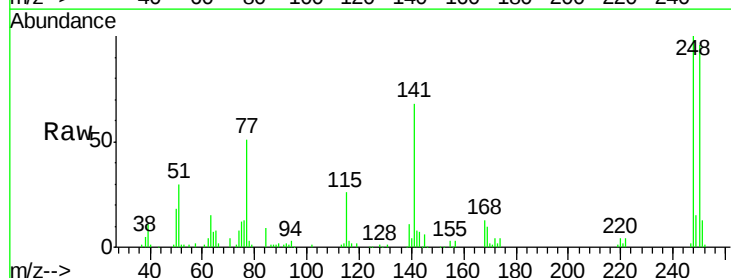
Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

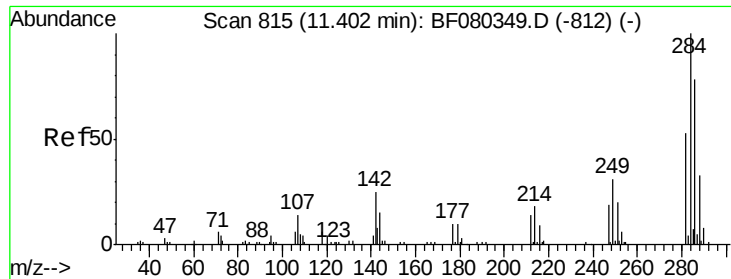
Tgt Ion:169 Resp: 192810
 Ion Ratio Lower Upper
 169 100
 168 66.1 53.5 80.3
 167 37.1 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 44.47 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion:248 Resp: 71301
 Ion Ratio Lower Upper
 248 100
 250 95.8 80.0 120.0
 141 67.8 54.8 82.2

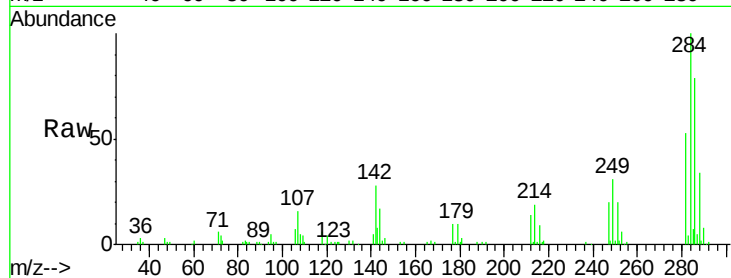




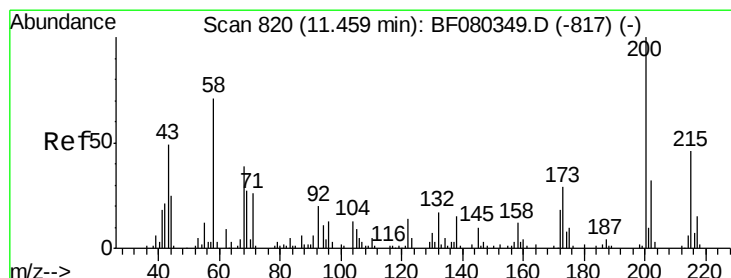
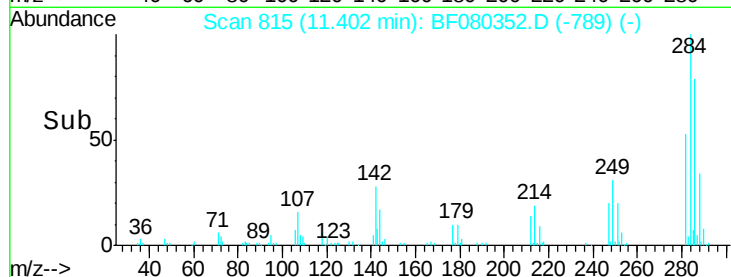
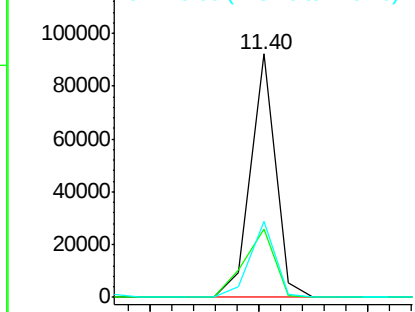
#67
Hexachlorobenzene
Concen: 43.57 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB84363BS

Tgt Ion:284 Resp: 73286
Ion Ratio Lower Upper
284 100
142 27.8 20.3 30.5
249 31.2 24.7 37.1

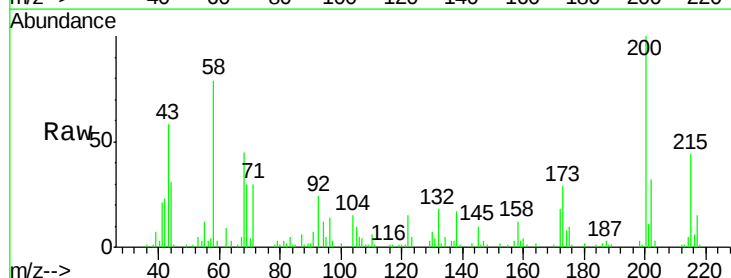


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

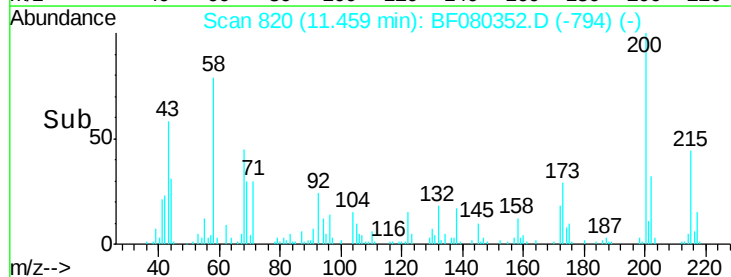
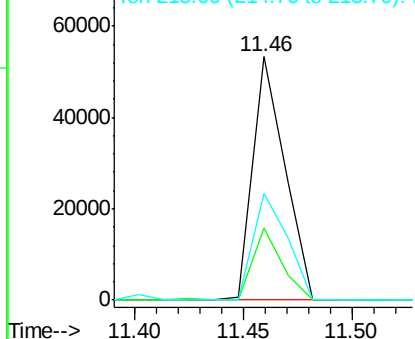


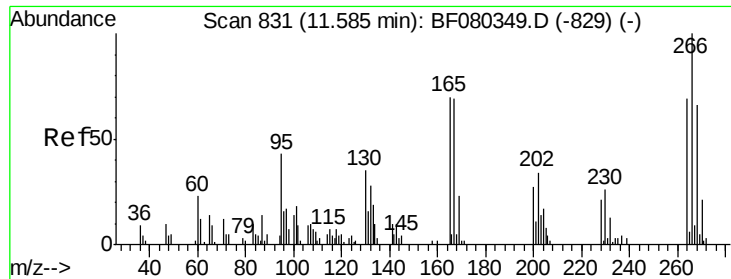
#68
Atrazine
Concen: 41.08 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion:200 Resp: 54522
Ion Ratio Lower Upper
200 100
173 29.4 9.9 49.9
215 43.8 26.2 66.2



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

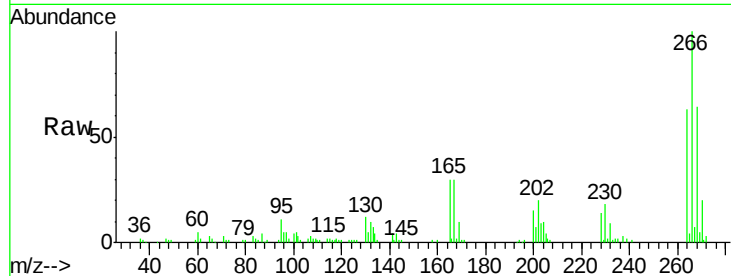




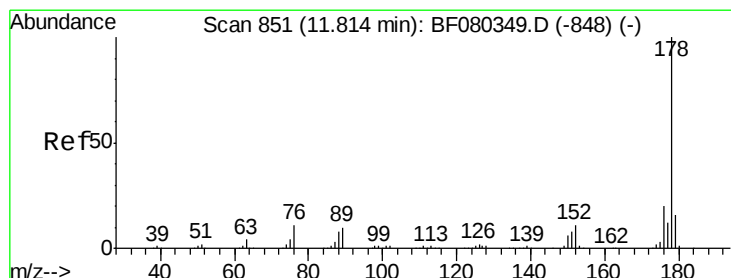
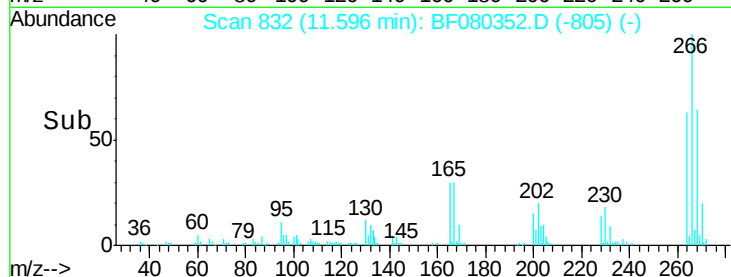
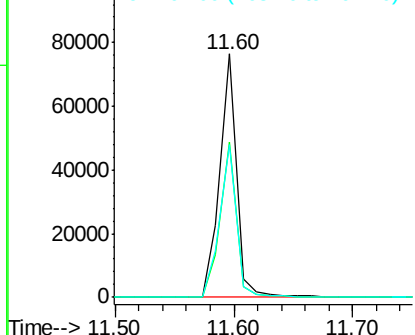
#69
 Pentachlorophenol
 Concen: 89.82 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Tgt Ion:266 Resp: 74700
 Ion Ratio Lower Upper
 266 100
 268 63.5 52.7 79.1
 264 62.8 55.0 82.6

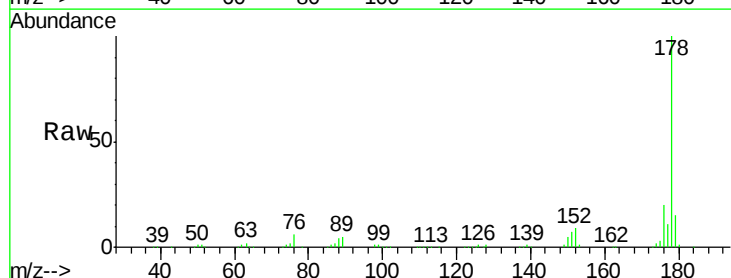


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

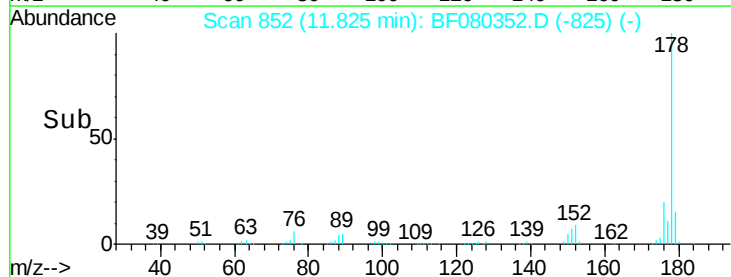
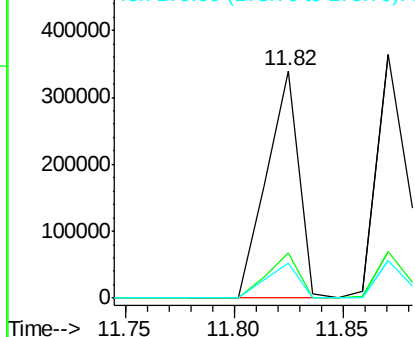


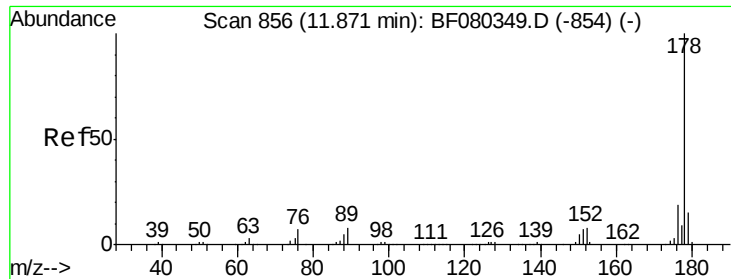
#70
 Phenanthrene
 Concen: 41.94 ng
 RT: 11.82 min Scan# 852
 Delta R.T. 0.01 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion:178 Resp: 352071
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.1 24.1
 179 15.4 12.6 18.8



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

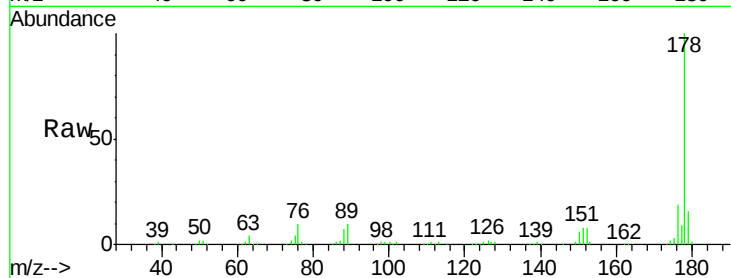




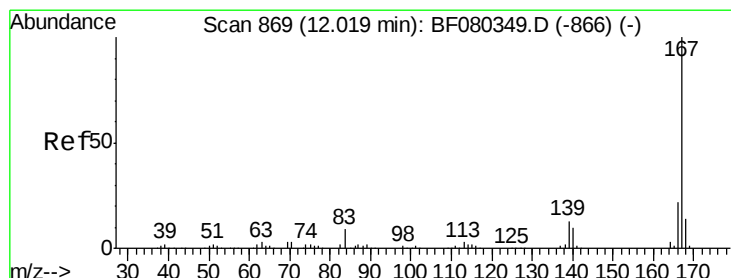
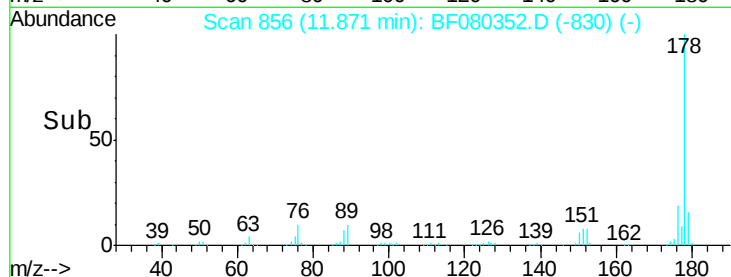
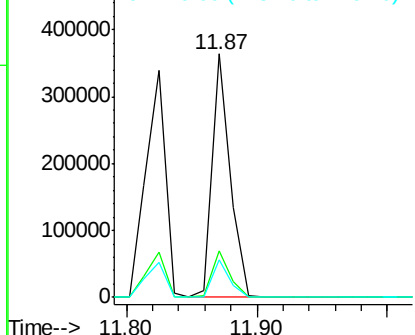
#71
 Anthracene
 Concen: 42.76 ng
 RT: 11.87 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Tgt Ion:178 Resp: 351966
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.3 22.9
 179 15.5 12.3 18.5

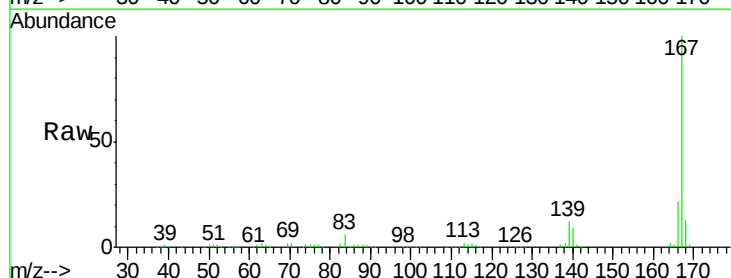


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

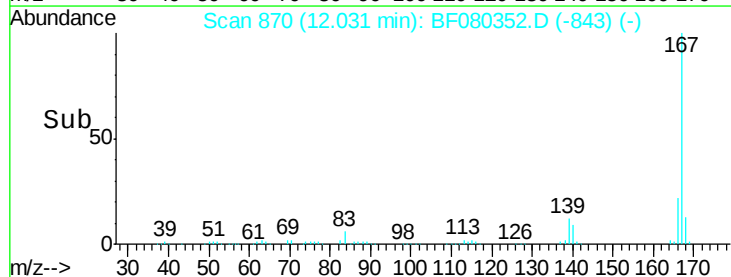
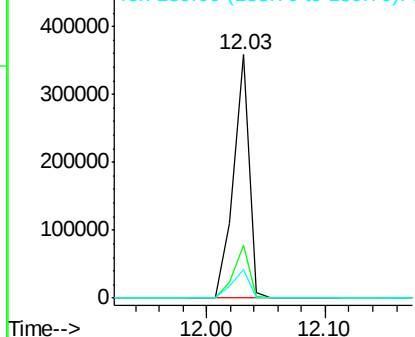


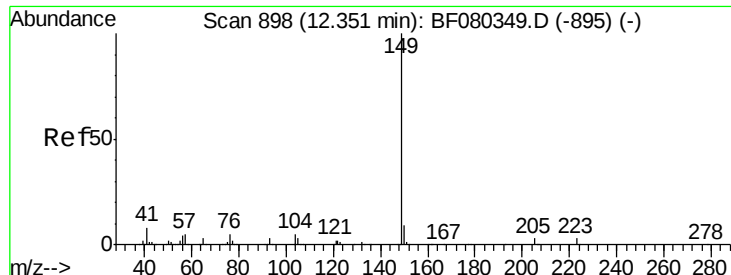
#72
 Carbazole
 Concen: 42.85 ng
 RT: 12.03 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion:167 Resp: 328931
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 11.5 10.4 15.6



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: 41.50 ng

RT: 12.36 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB84363BS

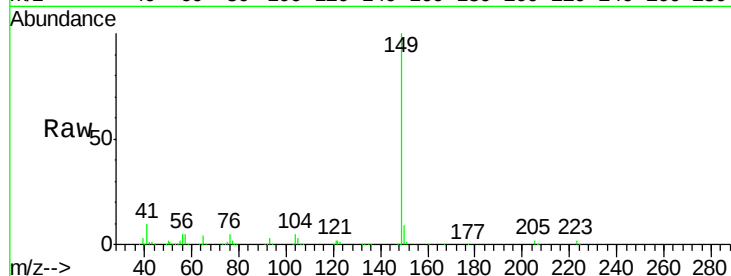
Tgt Ion:149 Resp: 364421

Ion Ratio Lower Upper

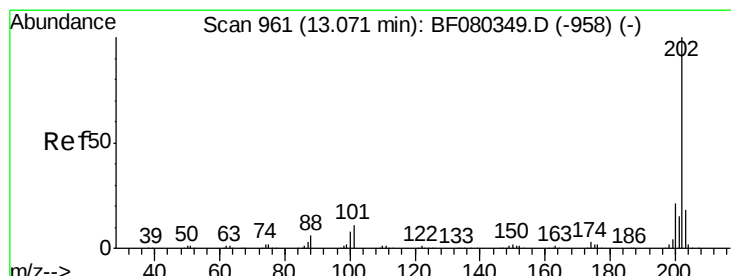
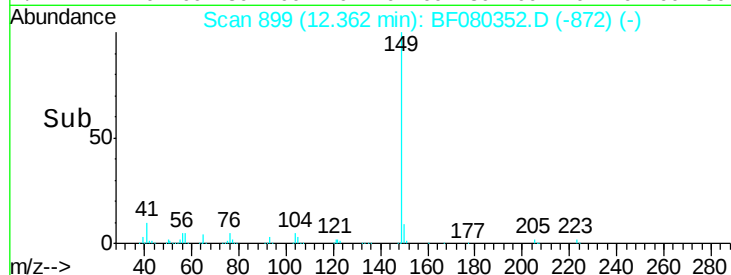
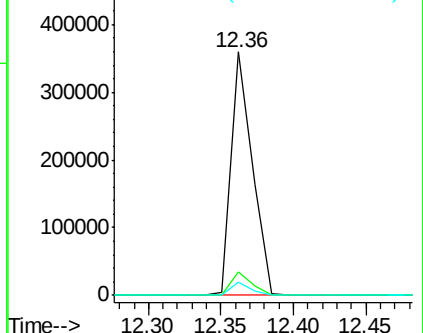
149 100

150 9.4 7.5 11.3

104 5.5 3.9 5.9



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: 42.18 ng

RT: 13.10 min Scan# 964

Delta R.T. 0.03 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

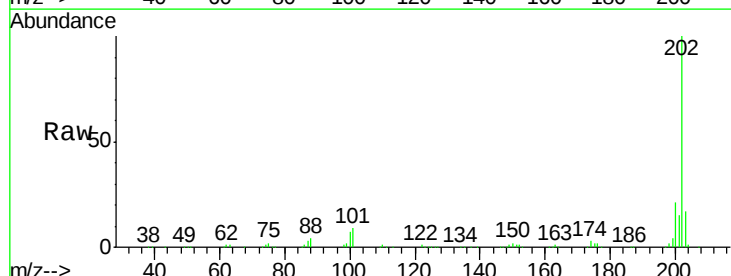
Tgt Ion:202 Resp: 380445

Ion Ratio Lower Upper

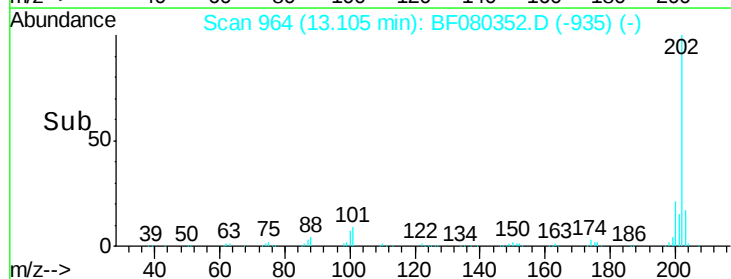
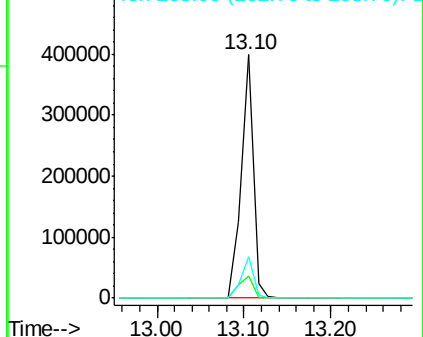
202 100

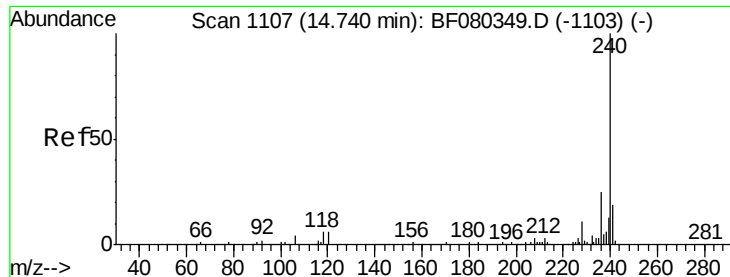
101 9.0 0.0 31.0

203 17.2 0.0 37.6



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: 14.84 min Scan# 1116

Delta R.T. 0.10 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB84363BS

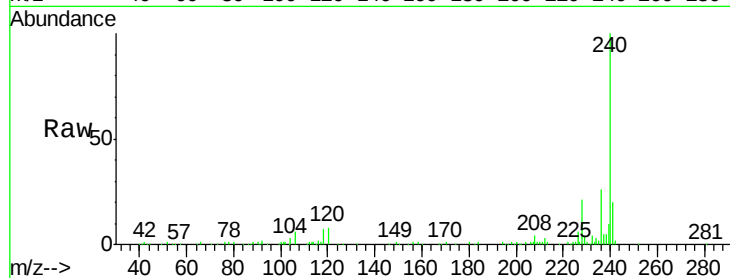
Tgt Ion:240 Resp: 155033

Ion Ratio Lower Upper

240 100

120 8.5 5.1 7.7#

236 25.7 20.4 30.6



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

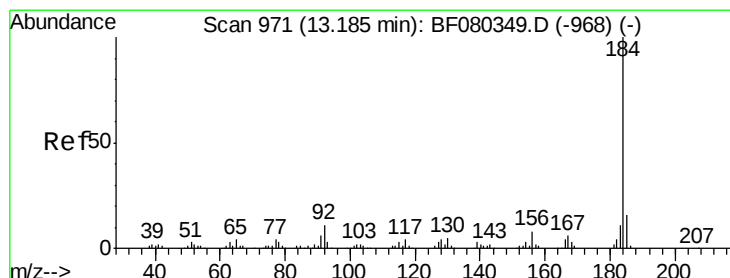
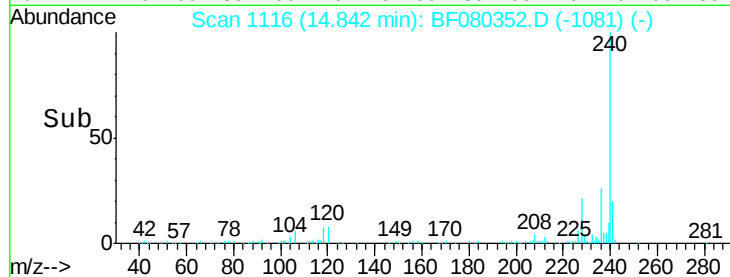
14.84

100000

50000

0

Time-->



#76

Benzidine

Concen: 54.15 ng

RT: 13.23 min Scan# 975

Delta R.T. 0.05 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

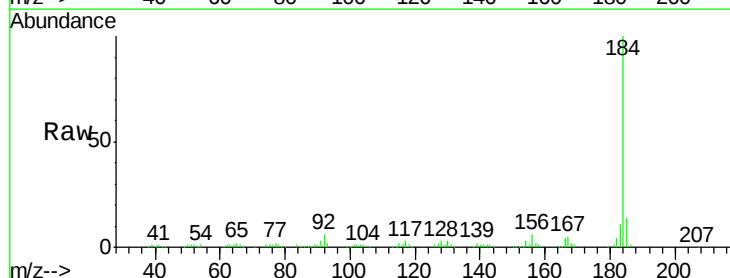
Tgt Ion:184 Resp: 212922

Ion Ratio Lower Upper

184 100

185 13.9 12.6 19.0

183 11.1 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

13.23

250000

200000

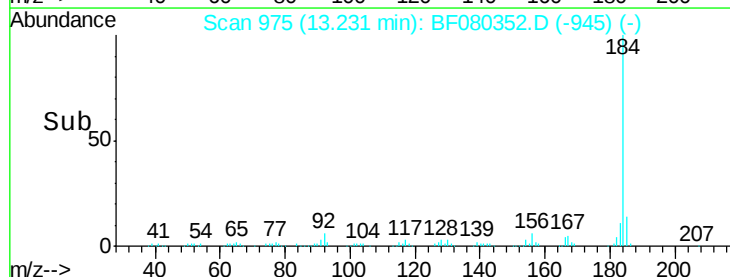
150000

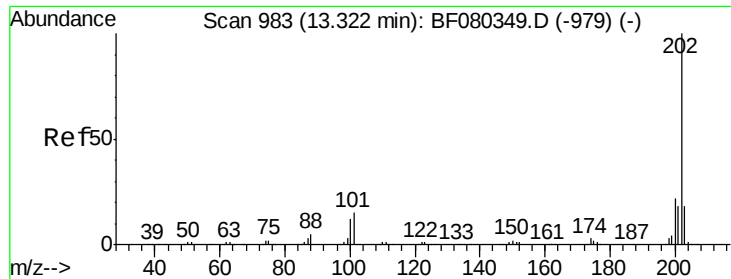
100000

50000

0

Time-->

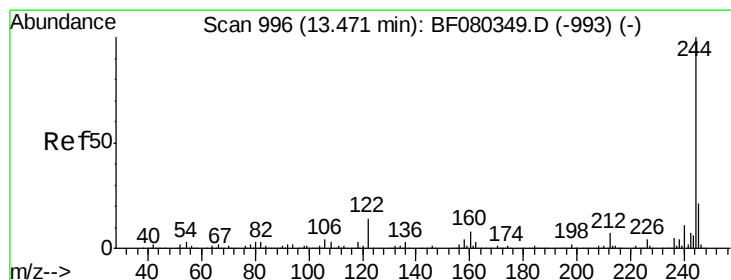
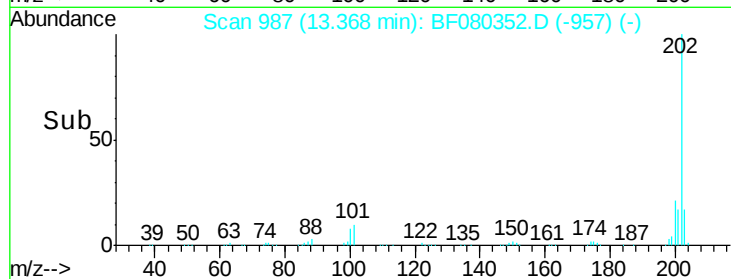
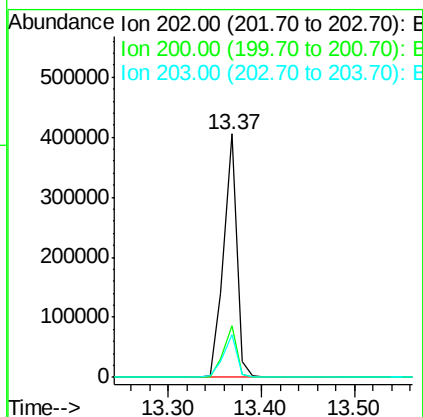
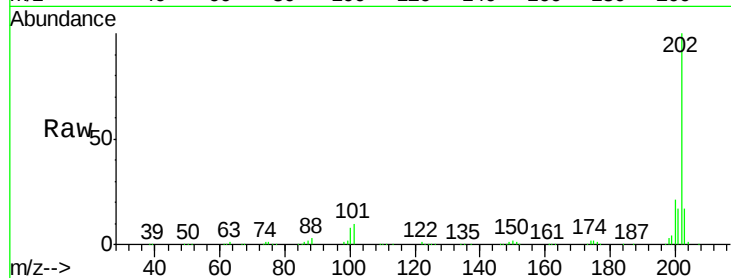




#77
 Pyrene
 Concen: 42.58 ng
 RT: 13.37 min Scan# 987
 Delta R.T. 0.05 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

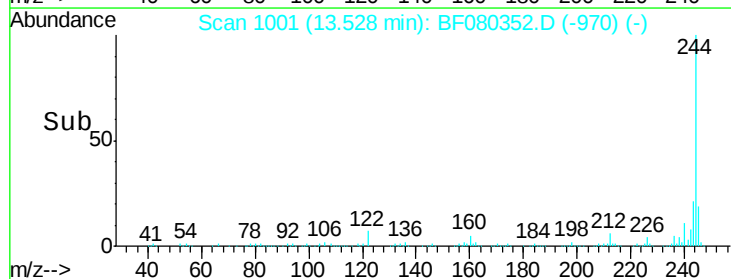
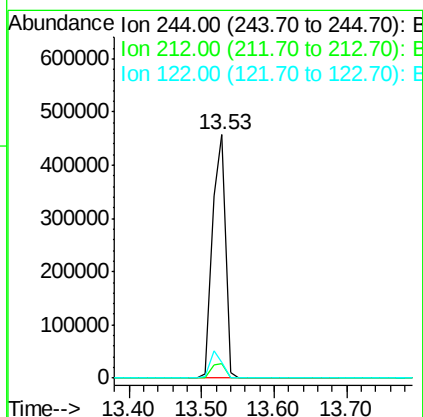
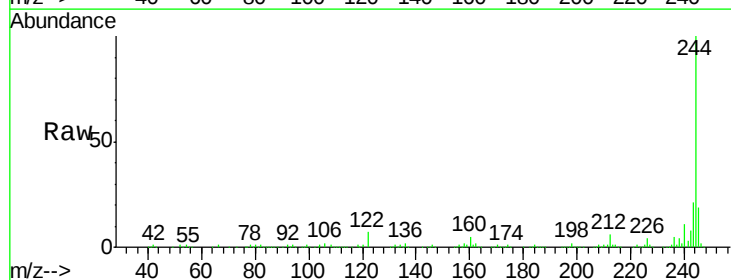
Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

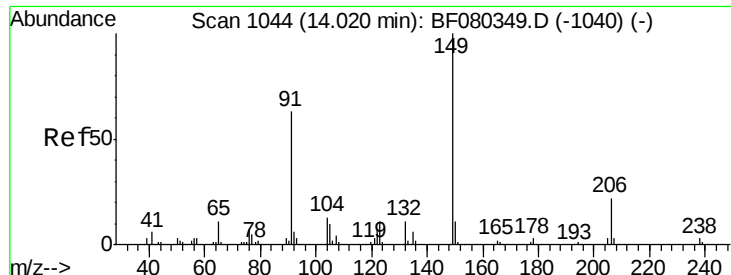
Tgt Ion: 202 Resp: 399275
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.2 25.8
 203 17.4 14.3 21.5



#78
 Terphenyl-d14
 Concen: 85.30 ng
 RT: 13.53 min Scan# 1001
 Delta R.T. 0.06 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion: 244 Resp: 566966
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.8 8.8
 122 6.6 11.1 16.7#

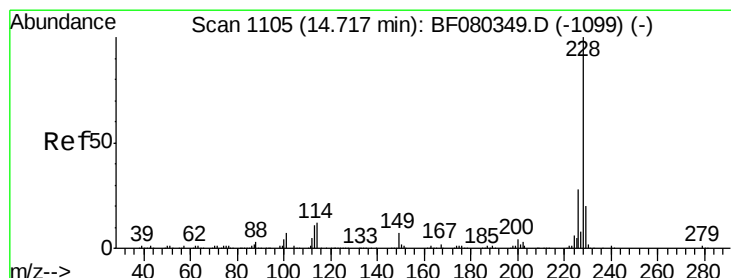
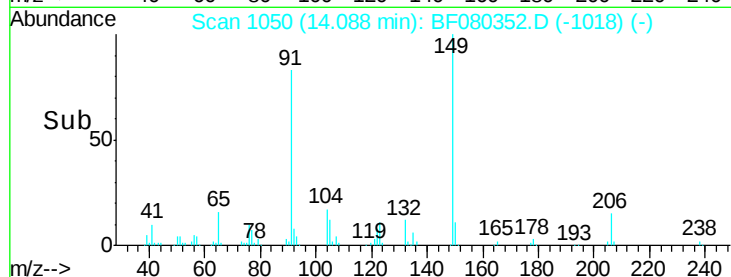
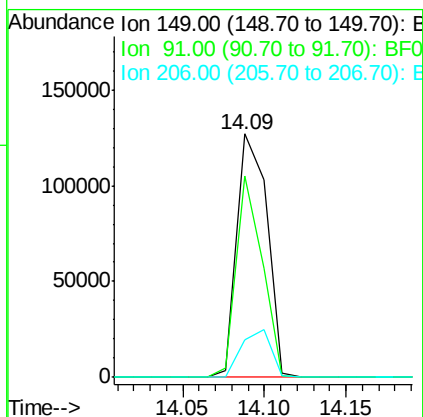
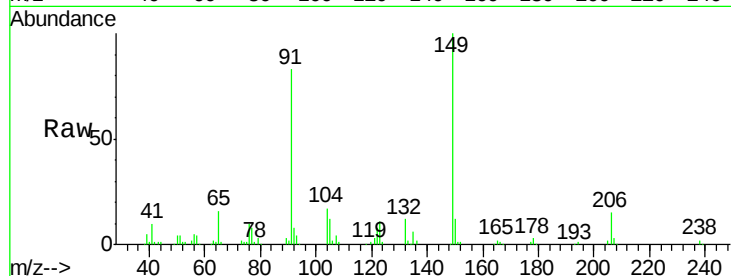




#79
Butylbenzylphthalate
Concen: 43.33 ng
RT: 14.09 min Scan# 1050
Delta R.T. 0.07 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

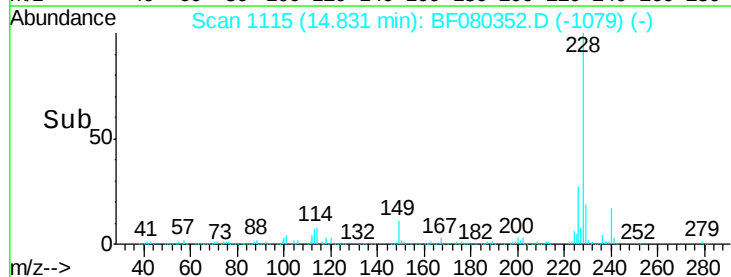
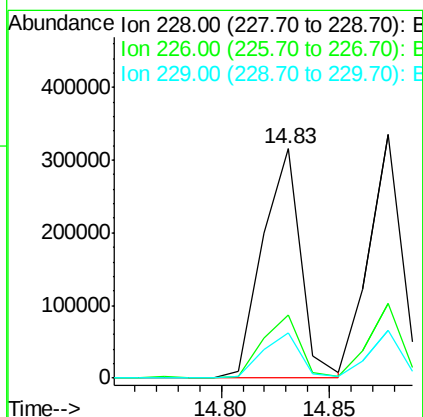
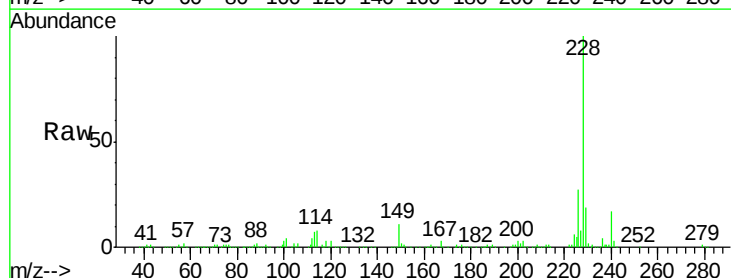
Instrument :
BNA_F
ClientSampleId :
PB84363BS

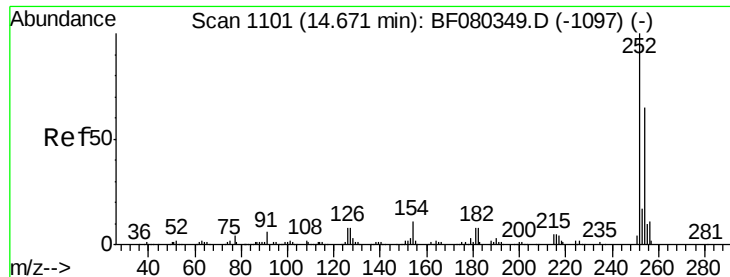
Tgt Ion:149 Resp: 162146
Ion Ratio Lower Upper
149 100
91 82.6 50.8 76.2#
206 15.4 17.6 26.4#



#80
Benzo(a)anthracene
Concen: 41.31 ng
RT: 14.83 min Scan# 1115
Delta R.T. 0.11 min
Lab File: BF080352.D
Acq: 6 Jul 2015 18:52

Tgt Ion:228 Resp: 385982
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 19.5 16.0 24.0

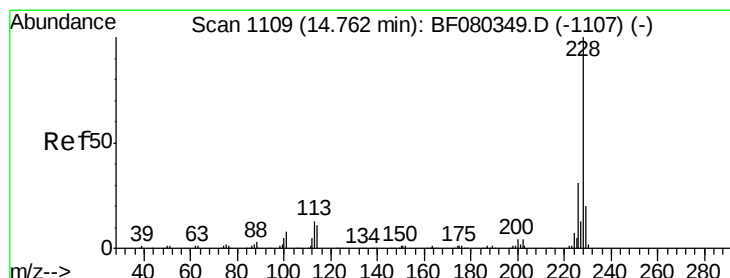
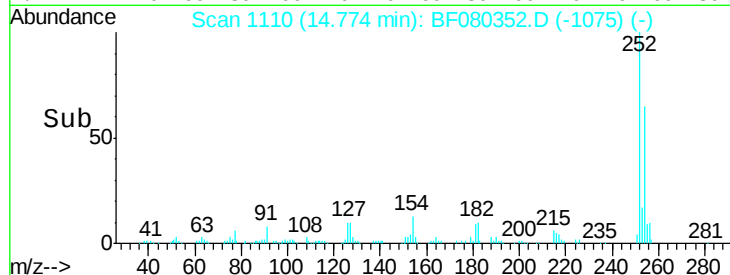
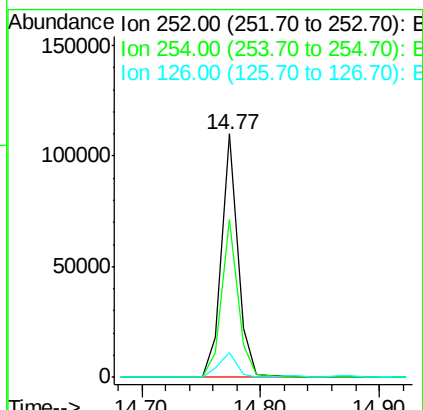
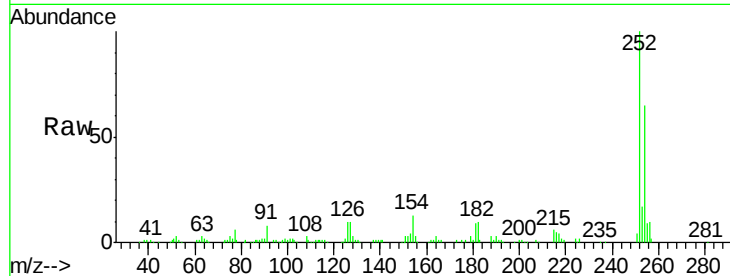




#81
 3,3'-Dichlorobenzidine
 Concen: 34.04 ng
 RT: 14.77 min Scan# 1110
 Delta R.T. 0.10 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

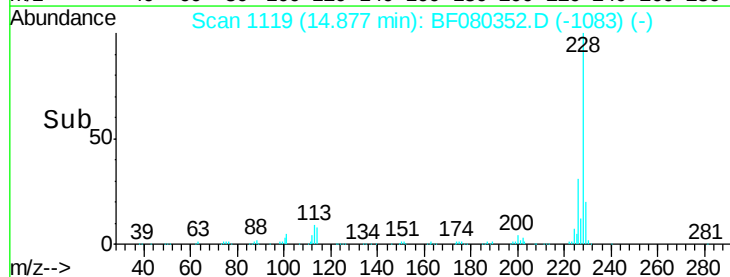
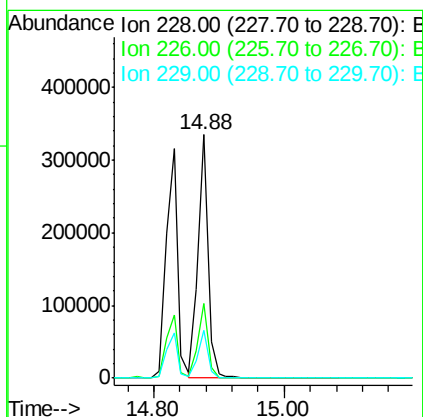
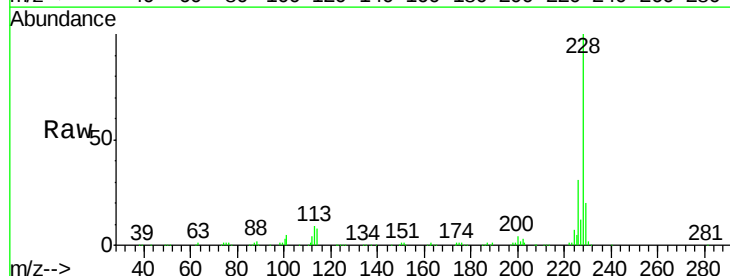
Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

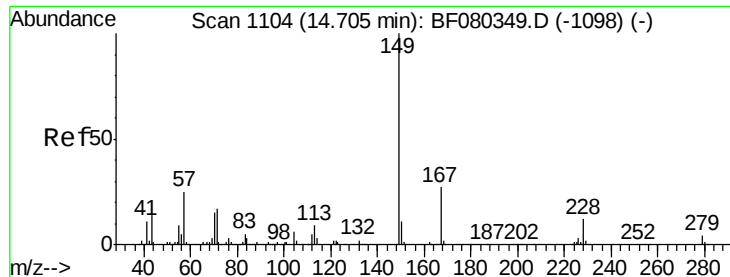
Tgt Ion:252 Resp: 105461
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.7 77.5
 126 10.3 6.3 9.5#



#82
 Chrysene
 Concen: 41.14 ng
 RT: 14.88 min Scan# 1119
 Delta R.T. 0.11 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion:228 Resp: 359658
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.4
 229 19.6 16.1 24.1

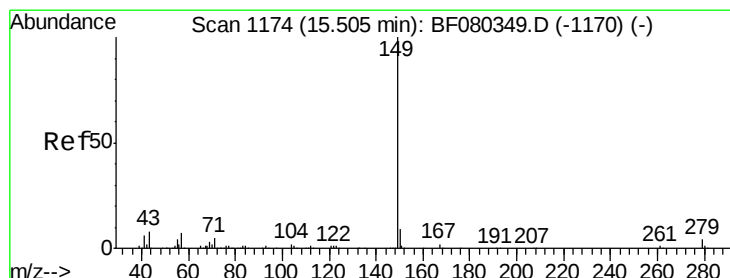
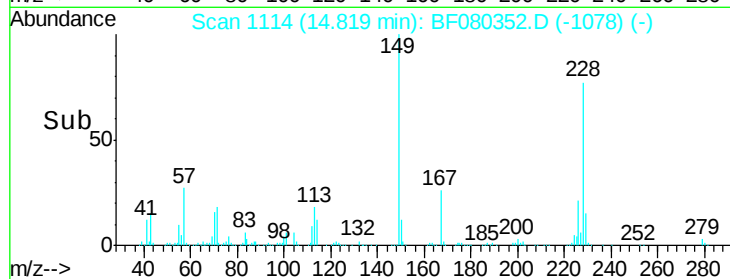
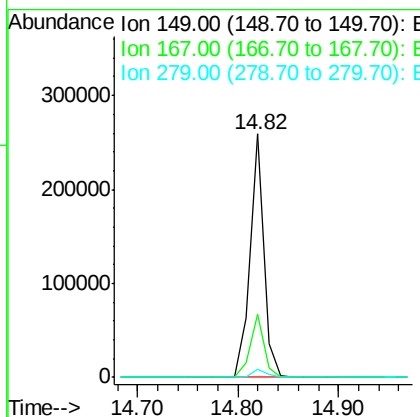
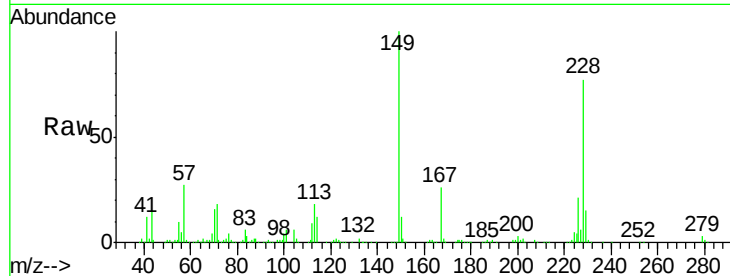




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.66 ng
 RT: 14.82 min Scan# 1114
 Delta R.T. 0.11 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

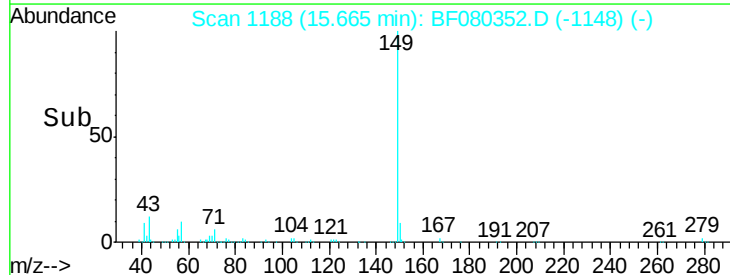
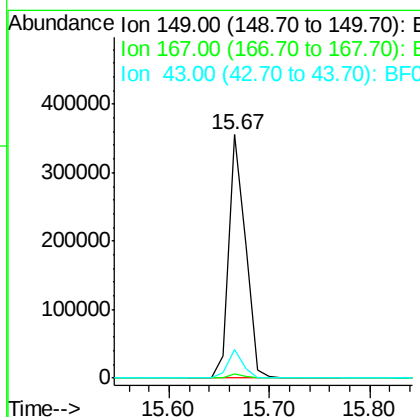
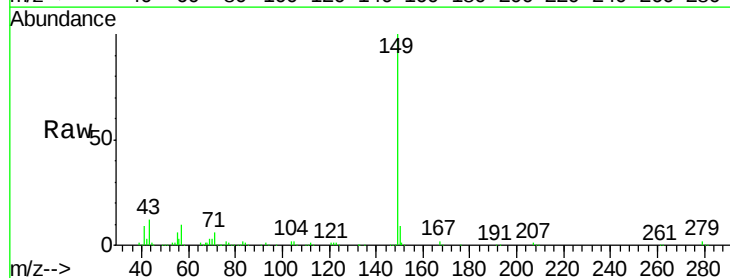
Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

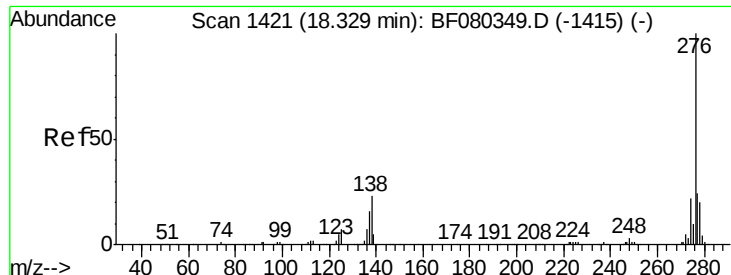
Tgt Ion:149 Resp: 249035
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.4 32.0
 279 3.2 2.9 4.3



#84
 Di-n-octyl phthalate
 Concen: 43.59 ng
 RT: 15.67 min Scan# 1188
 Delta R.T. 0.16 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion:149 Resp: 410685
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 11.4 9.1 13.7

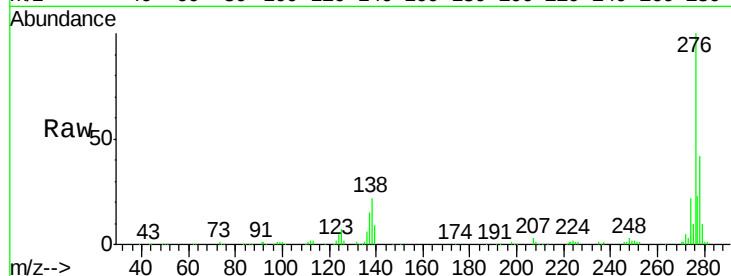




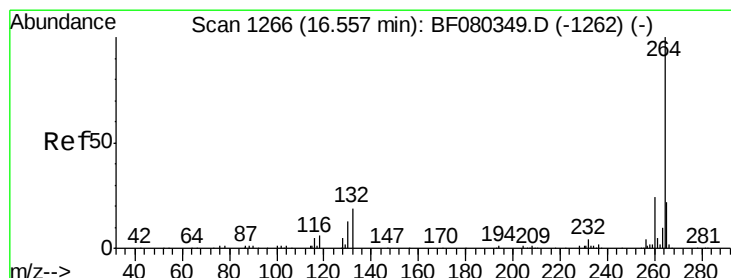
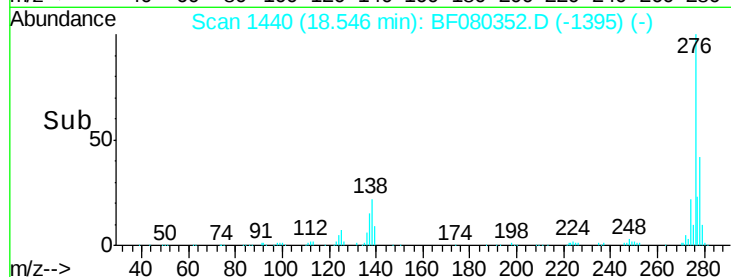
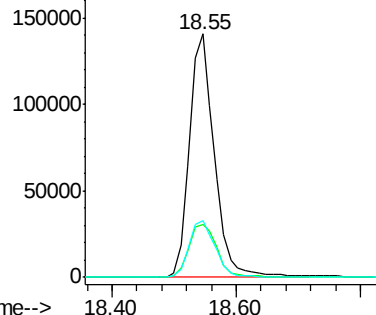
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.92 ng
 RT: 18.55 min Scan# 1440
 Delta R.T. 0.22 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BS

Tgt Ion: 276 Resp: 389840
 Ion Ratio Lower Upper
 276 100
 138 25.0 19.7 29.5
 277 24.5 19.4 29.0

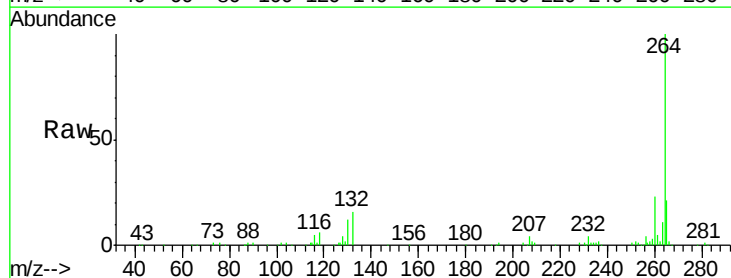


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

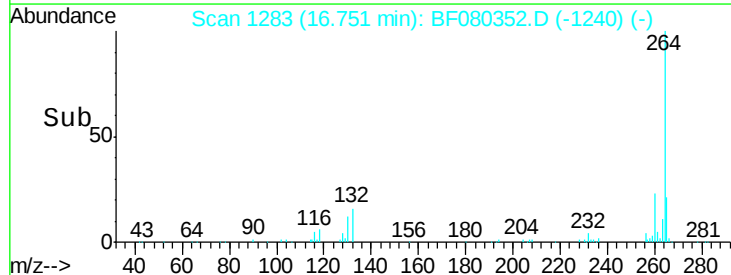
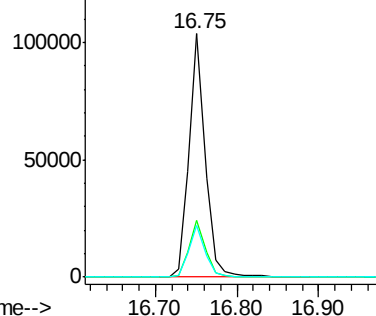


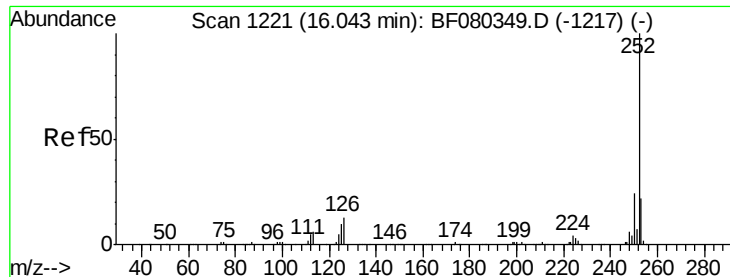
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. 0.19 min
 Lab File: BF080352.D
 Acq: 6 Jul 2015 18:52

Tgt Ion: 264 Resp: 142936
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.1 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.93 ng

RT: 16.23 min Scan# 1237

Delta R.T. 0.18 min

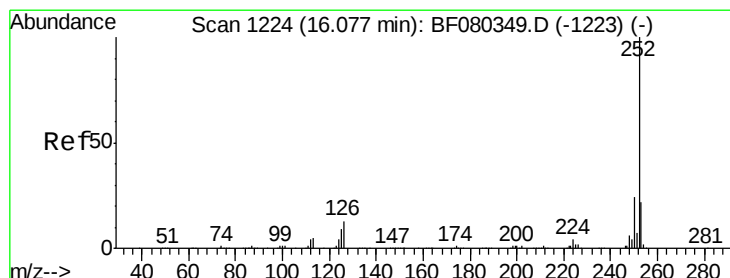
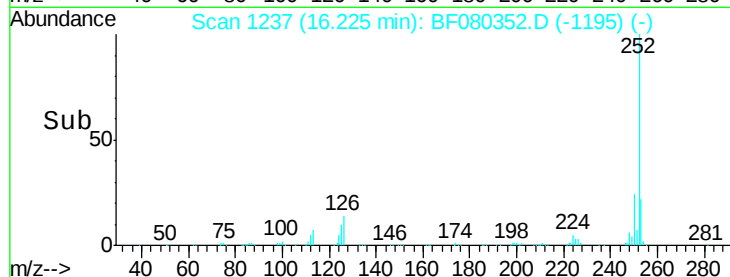
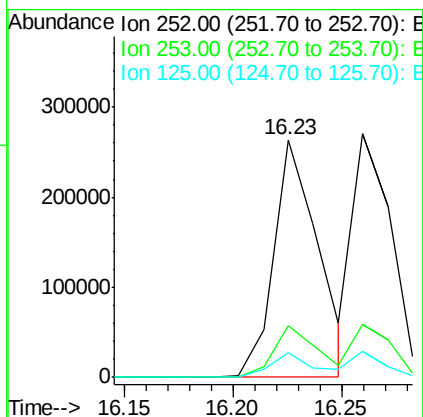
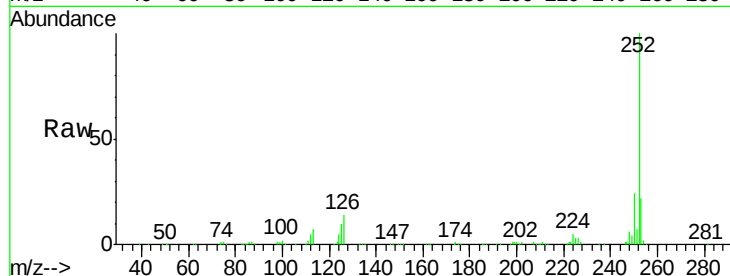
Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :
BNA_F
ClientSampleId :
PB84363BS

Tgt Ion:252 Resp: 376612

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.4	7.7	11.5



#88

Benzo(k)fluoranthene

Concen: 40.81 ng

RT: 16.26 min Scan# 1240

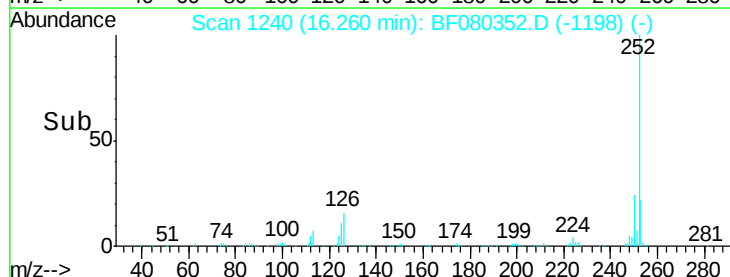
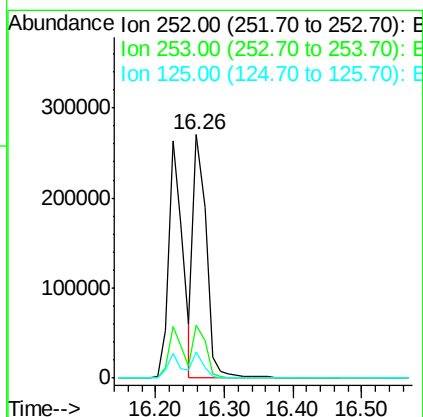
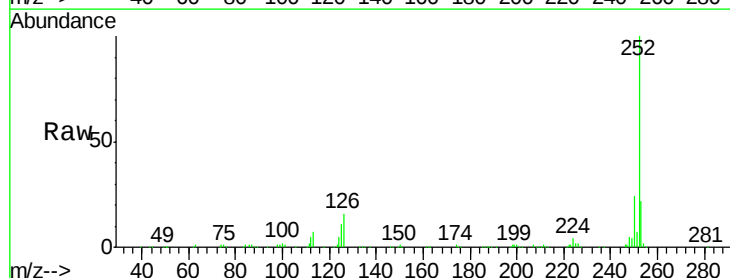
Delta R.T. 0.18 min

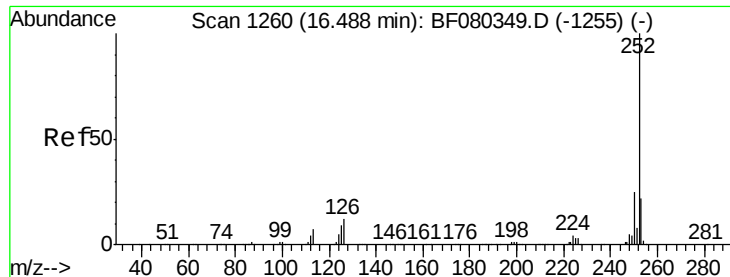
Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Tgt Ion:252 Resp: 347053

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.5	8.5	12.7





#89

Benzo(a)pyrene

Concen: 42.58 ng

RT: 16.67 min Scan# 1276

Delta R.T. 0.18 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB84363BS

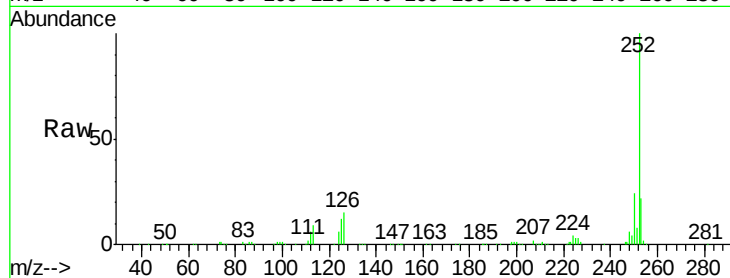
Tgt Ion:252 Resp: 349780

Ion Ratio Lower Upper

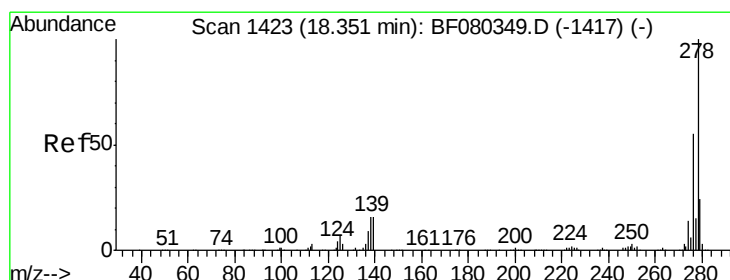
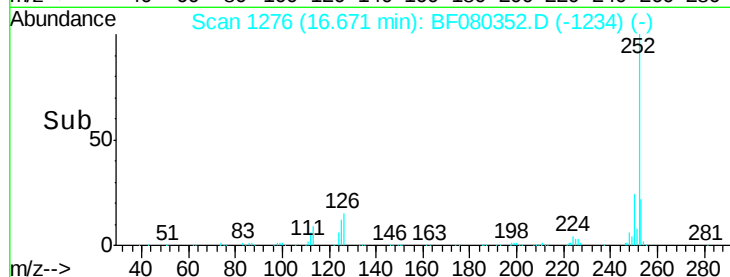
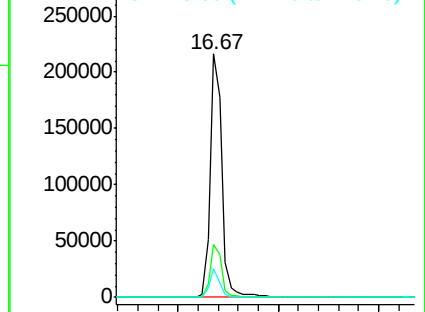
252 100

253 21.9 17.8 26.8

125 11.6 7.3 10.9#



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: 40.68 ng

RT: 18.57 min Scan# 1442

Delta R.T. 0.22 min

Lab File: BF080352.D

Acq: 6 Jul 2015 18:52

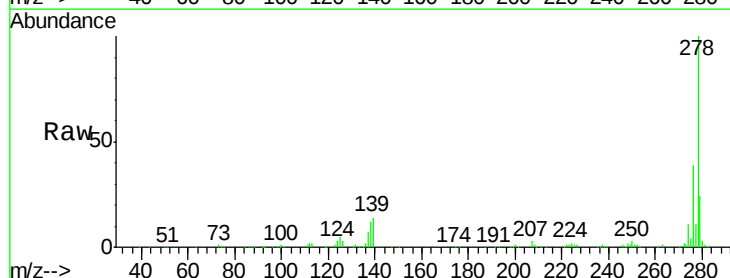
Tgt Ion:278 Resp: 329087

Ion Ratio Lower Upper

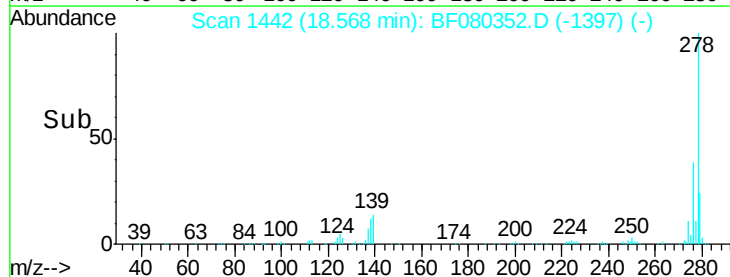
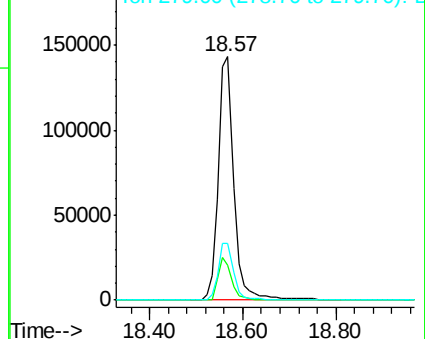
278 100

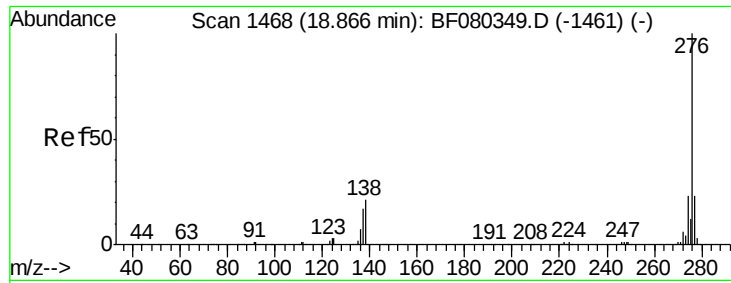
139 14.3 13.0 19.6

279 23.5 19.1 28.7



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: 40.24 ng

RT: 19.07 min Scan# 1486

Delta R.T. 0.21 min

Lab File: BF080352.D

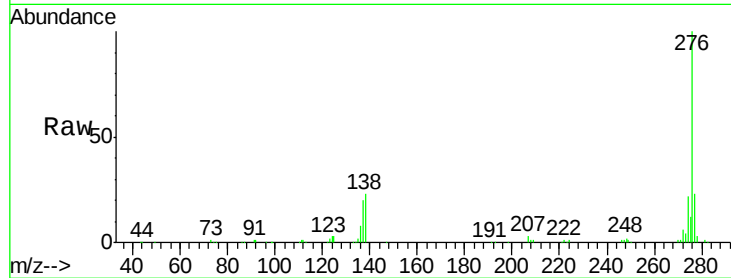
Acq: 6 Jul 2015 18:52

Instrument :

BNA_F

ClientSampleId :

PB84363BS



Tgt Ion:	276	Resp:	330131
Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	22.5	16.8	25.2

