

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084952.D
 Acq On : 9 Feb 2016 15:18
 Operator : SJ/IZ
 Sample : H1377-12MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Quant Time: Feb 10 03:22:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	34117	20.00	ng	-0.05
21) Naphthalene-d8	7.93	136	142074	20.00	ng	-0.05
38) Acenaphthene-d10	9.66	164	63042	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	101147	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	85021	20.00	ng	-0.07
86) Perylene-d12	15.13	264	71510	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	359081	163.94	ng	-0.05
7) Phenol-d6	6.29	99	444473	163.68	ng	-0.05
23) Nitrobenzene-d5	7.21	82	263911	104.64	ng	-0.06
41) 2,4,6-Tribromophenol	10.45	330	92564	140.76	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	418728	149.03	ng	-0.06
78) Terphenyl-d14	12.73	244	354047	94.36	ng	-0.07

Target Compounds						Qvalue
2) 1,4-Dioxane	2.13	88	19191	20.00	ng	# 32
3) Pyridine	2.85	79	62332	24.93	ng	# 72
4) n-Nitrosodimethylamine	2.75	42	36066	27.90	ng	# 85
6) Aniline	6.30	93	105597	31.78	ng	# 43
8) 2-Chlorophenol	6.42	128	122482	49.40	ng	92
9) Benzaldehyde	6.19	77	31748	19.80	ng	90
10) Phenol	6.30	94	159551	52.45	ng	93
11) bis(2-Chloroethyl)ether	6.37	93	123620	52.11	ng	83
12) 1,3-Dichlorobenzene	6.58	146	133024	50.78	ng	99
13) 1,4-Dichlorobenzene	6.58	146	133024	50.80	ng	94
14) 1,2-Dichlorobenzene	6.81	146	122000	50.02	ng	98
15) Benzyl Alcohol	6.78	79	109007	58.14	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.93	45	202407	50.72	ng	86
17) 2-Methylphenol	6.91	107	99570	50.78	ng	95
18) Hexachloroethane	7.15	117	49698	49.28	ng	92
19) n-Nitroso-di-n-propylamine	7.06	70	87225	51.24	ng	# 77
20) 3+4-Methylphenols	7.07	107	129283	53.12	ng	90
22) Acetophenone	7.06	105	176397	47.11	ng	# 90
24) Nitrobenzene	7.22	77	124438	46.07	ng	92
25) Isophorone	7.47	82	229271	46.75	ng	95
26) 2-Nitrophenol	7.54	139	59414	44.60	ng	# 71
27) 2,4-Dimethylphenol	7.60	122	114292	49.33	ng	92
28) bis(2-Chloroethoxy)methane	7.69	93	150935	51.88	ng	99
29) 2,4-Dichlorophenol	7.79	162	107024	53.99	ng	97
30) 1,2,4-Trichlorobenzene	7.87	180	111587	49.84	ng	# 92
31) Naphthalene	7.94	128	334006	46.87	ng	98
32) Benzoic acid	7.68	122	21414	14.45	ng	96
33) 4-Chloroaniline	8.01	127	81122	27.52	ng	# 90
34) Hexachlorobutadiene	8.06	225	60949	47.21	ng	98
35) Caprolactam	8.35	113	26237	42.94	ng	# 65
36) 4-Chloro-3-methylphenol	8.49	107	99643	44.06	ng	# 86
37) 2-Methylnaphthalene	8.64	142	241504	54.15	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	94374	47.14	ng	99
40) Hexachlorocyclopentadiene	8.78	237	49324	61.65	ng	95

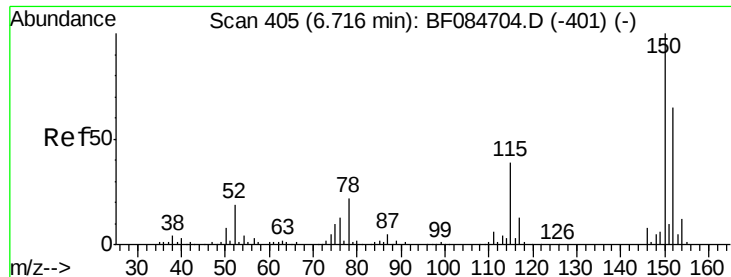
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	63515	49.24	ng	90
43) 2,4,5-Trichlorophenol	8.96	196	62467	47.66	ng #	77
45) 1,1'-Biphenyl	9.09	154	259971	46.17	ng	98
46) 2-Chloronaphthalene	9.12	162	209878	50.61	ng	95
47) 2-Nitroaniline	9.22	65	64587	49.19	ng	99
48) Acenaphthylene	9.53	152	316714	50.33	ng	98
49) Dimethylphthalate	9.40	163	304083	63.33	ng #	90
50) 2,6-Dinitrotoluene	9.47	165	45740	43.61	ng #	86
51) Acenaphthene	9.70	154	200983	49.09	ng	97
52) 3-Nitroaniline	9.63	138	42676	36.21	ng	86
53) 2,4-Dinitrophenol	9.74	184	18092	40.46	ng #	79
54) Dibenzofuran	9.87	168	278035	55.57	ng	92
55) 4-Nitrophenol	9.81	139	58657	67.71	ng	89
56) 2,4-Dinitrotoluene	9.87	165	60184	44.98	ng #	86
57) Fluorene	10.21	166	225359	53.94	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.00	232	50463	50.58	ng #	90
59) Diethylphthalate	10.10	149	218176	46.53	ng	98
60) 4-Chlorophenyl-phenylether	10.21	204	110765	66.59	ng	93
61) 4-Nitroaniline	10.24	138	48685	42.39	ng	92
62) Azobenzene	10.37	77	227975	50.57	ng	96
64) 4,6-Dinitro-2-methylphenol	10.27	198	18429	29.52	ng #	62
65) n-Nitrosodiphenylamine	10.33	169	177458	55.25	ng	97
66) 4-Bromophenyl-phenylether	10.69	248	55358	49.55	ng #	68
67) Hexachlorobenzene	10.76	284	66790	54.87	ng #	89
68) Atrazine	10.86	200	54155	53.39	ng	95
69) Pentachlorophenol	10.96	266	26553	46.41	ng	95
70) Phenanthrene	11.16	178	289442	51.59	ng	99
71) Anthracene	11.22	178	306492	54.22	ng	99
72) Carbazole	11.38	167	264603	53.68	ng	98
73) Di-n-butylphthalate	11.72	149	317370	50.57	ng	99
74) Fluoranthene	12.35	202	292008	51.43	ng	94
76) Benzidine	12.48	184	55090	20.09	ng	96
77) Pyrene	12.58	202	285160	43.81	ng	98
79) Butylbenzylphthalate	13.21	149	116367	39.41	ng	92
80) Benzo(a)anthracene	13.76	228	237639	45.03	ng	98
81) 3,3'-Dichlorobenzidine	13.73	252	48150	25.77	ng #	92
82) Chrysene	13.79	228	216911	42.39	ng	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	164203	44.68	ng #	94
84) Di-n-octyl phthalate	14.39	149	285049	47.02	ng #	91
85) Indeno(1,2,3-cd)pyrene	16.39	276	200601	49.80	ng	98
87) Benzo(b)fluoranthene	14.76	252	437576	91.07	ng	99
88) Benzo(k)fluoranthene	14.76	252	437576	110.15	ng	97
89) Benzo(a)pyrene	15.08	252	206690	50.49	ng	99
90) Dibenzo(a,h)anthracene	16.40	278	168628	48.93	ng #	95
91) Benzo(g,h,i)perylene	16.76	276	163190	47.01	ng #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084952.D

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SB03-2-3MSD

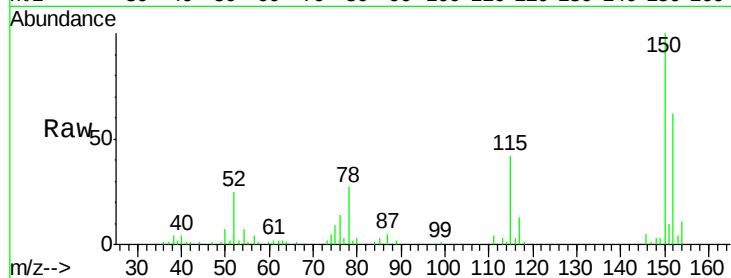
Tgt Ion:152 Resp: 34117

Ion Ratio Lower Upper

152 100

150 161.3 123.0 184.4

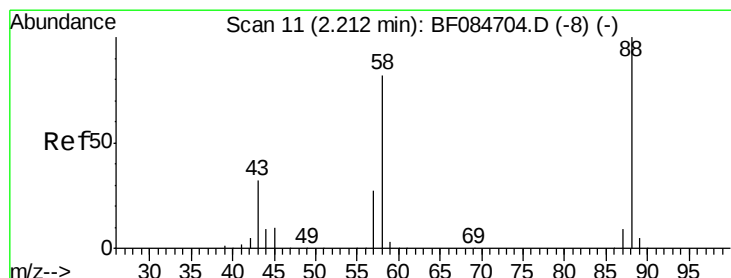
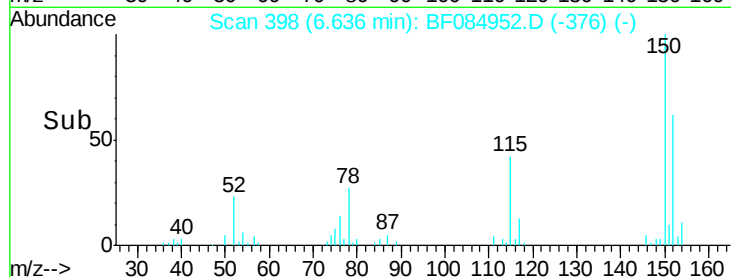
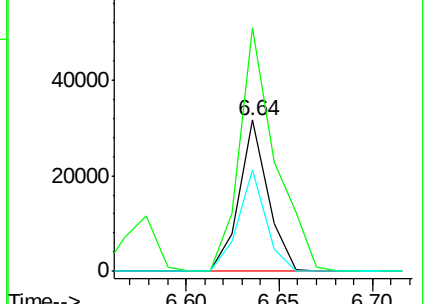
115 67.1 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 20.00 ng

RT: 2.13 min Scan# 4

Delta R.T. -0.05 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

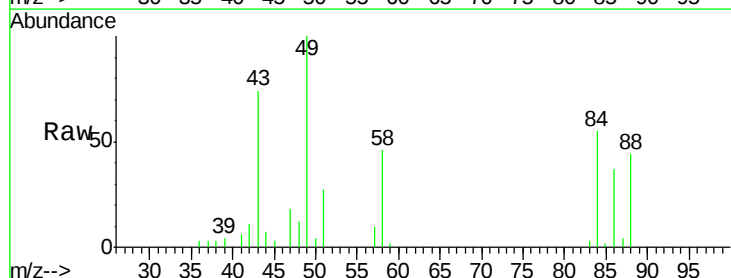
Tgt Ion: 88 Resp: 19191

Ion Ratio Lower Upper

88 100

58 0.0 51.2 76.8#

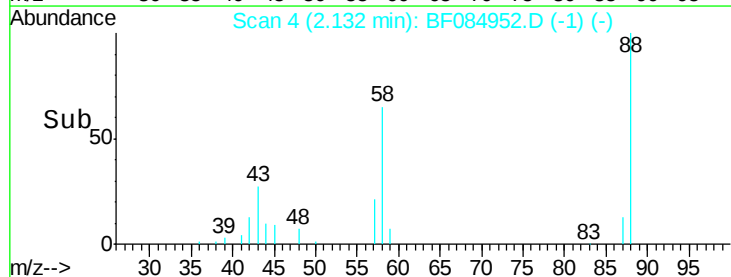
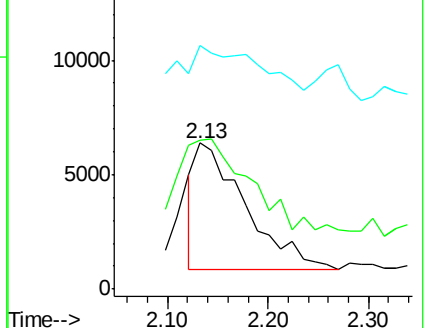
43 40.0 19.5 29.3#

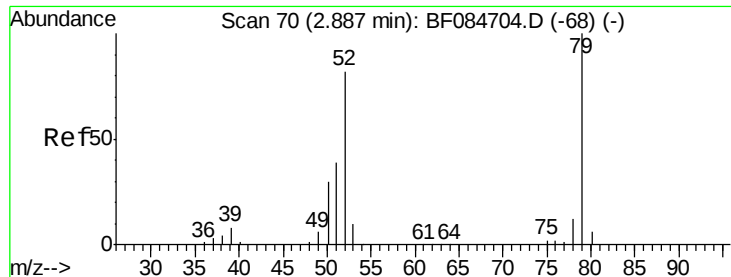


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 24.93 ng

RT: 2.85 min Scan# 67

Delta R.T. 0.01 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

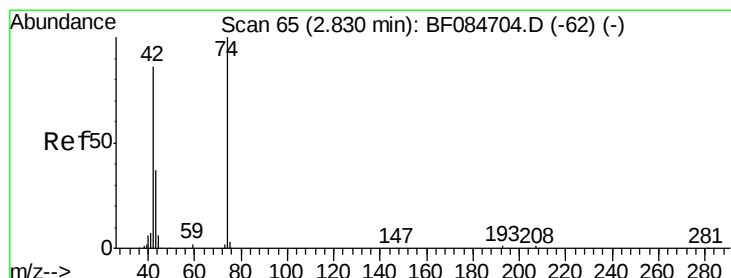
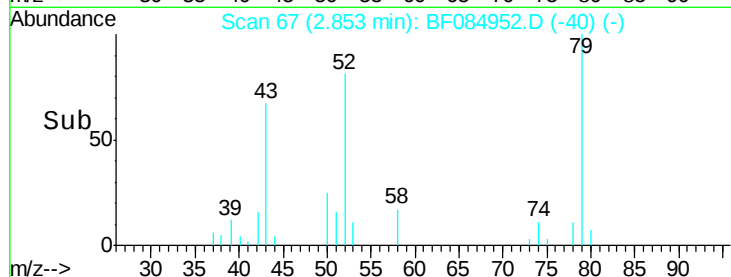
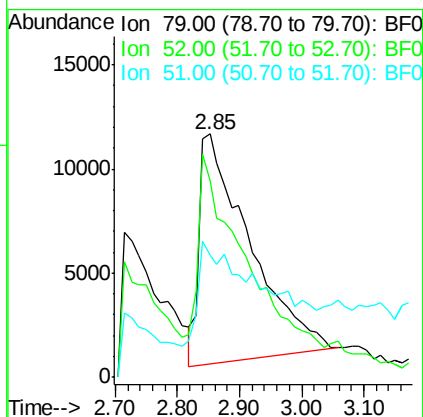
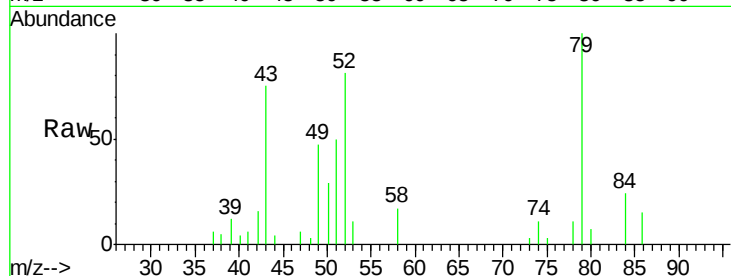
Tgt Ion: 79 Resp: 62332

Ion Ratio Lower Upper

79 100

52 80.6 49.0 73.4#

51 50.3 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 27.90 ng

RT: 2.75 min Scan# 58

Delta R.T. -0.05 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

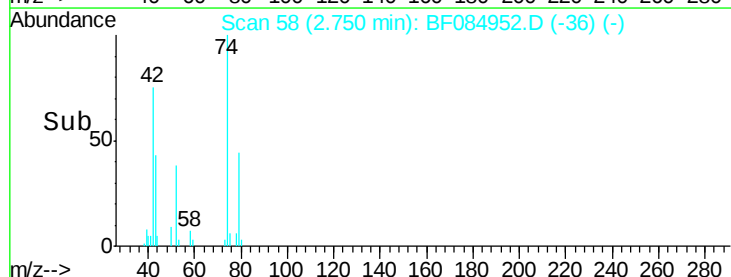
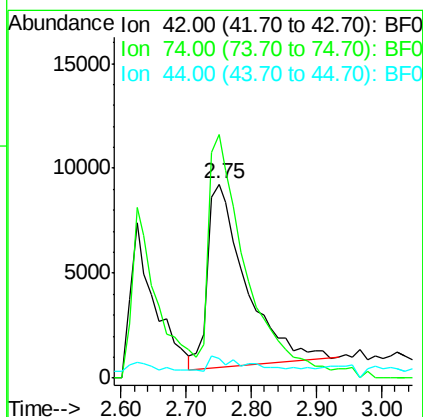
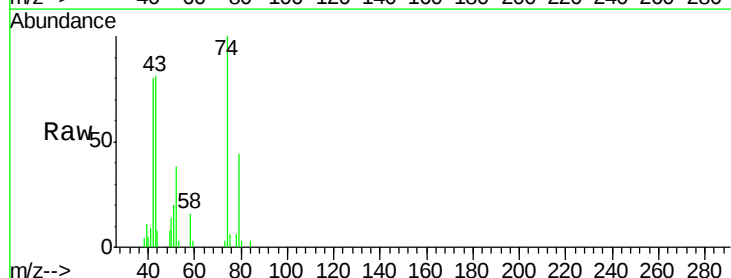
Tgt Ion: 42 Resp: 36066

Ion Ratio Lower Upper

42 100

74 125.6 115.7 173.5

44 10.1 5.1 7.7#





#5

2-Fluorophenol

Concen: 163.94 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

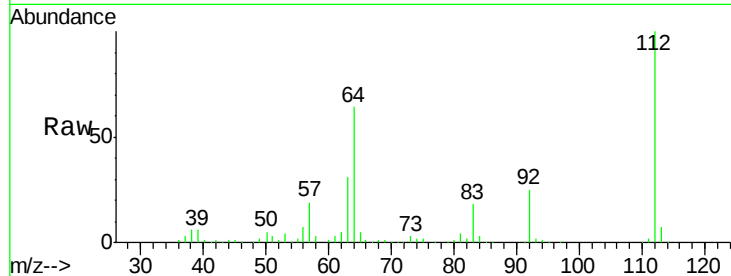
Tgt Ion: 112 Resp: 359081

Ion Ratio Lower Upper

112 100

64 63.8 36.6 55.0#

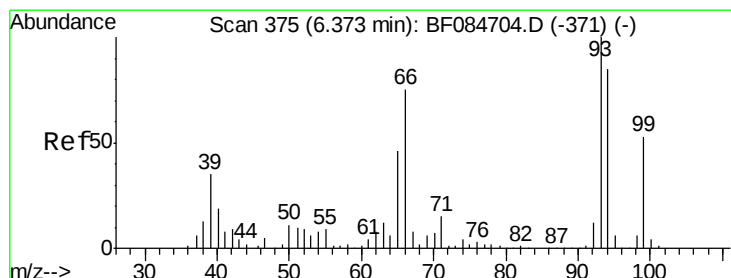
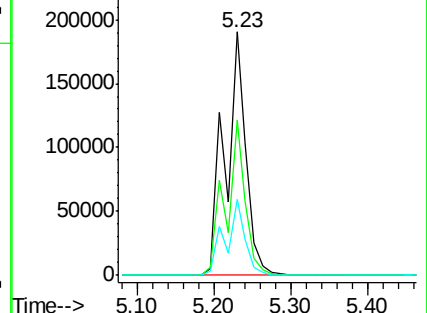
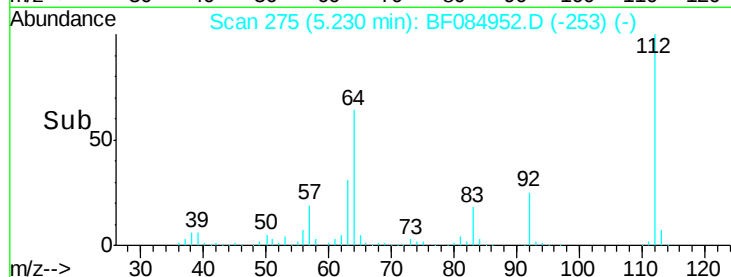
63 30.9 19.4 29.0#



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: 31.78 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

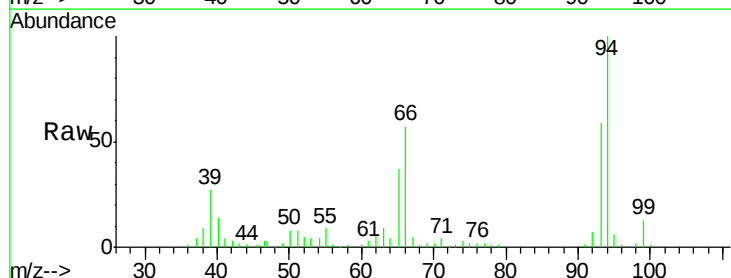
Tgt Ion: 93 Resp: 105597

Ion Ratio Lower Upper

93 100

66 96.5 44.9 67.3#

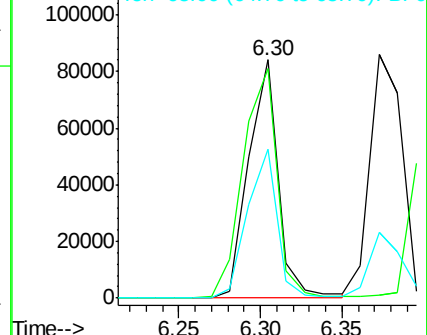
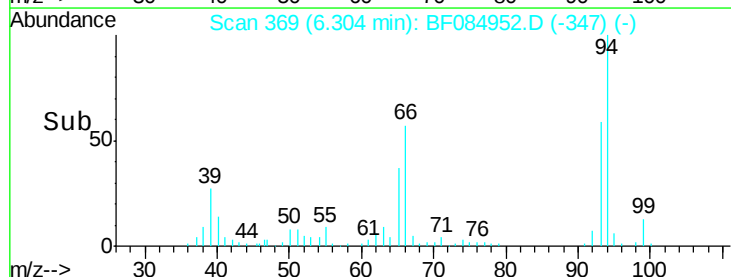
65 62.4 23.7 35.5#

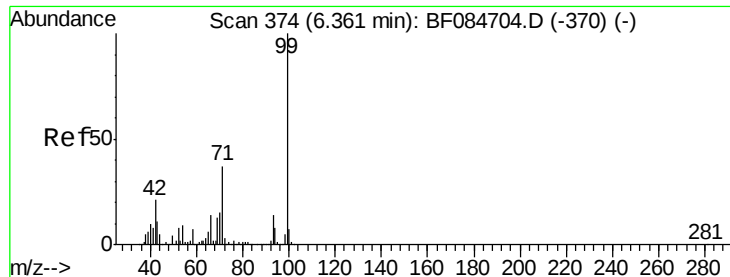


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 163.68 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

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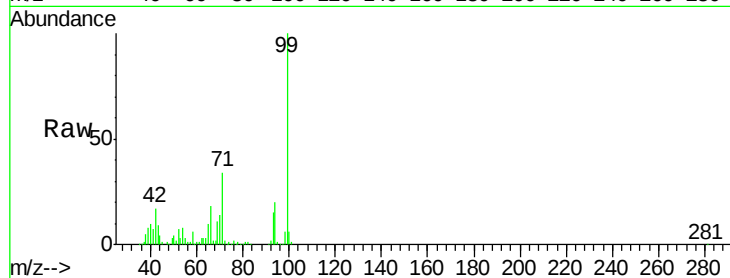
Tgt Ion: 99 Resp: 444473

Ion Ratio Lower Upper

99 100

42 17.3 12.8 19.2

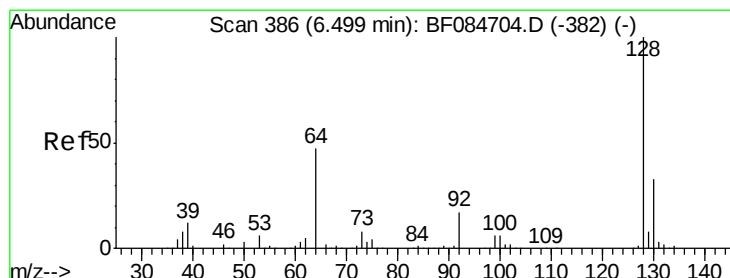
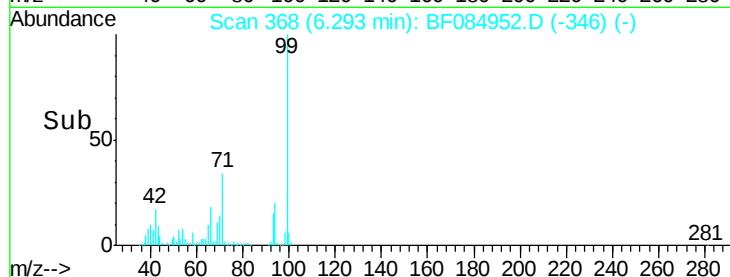
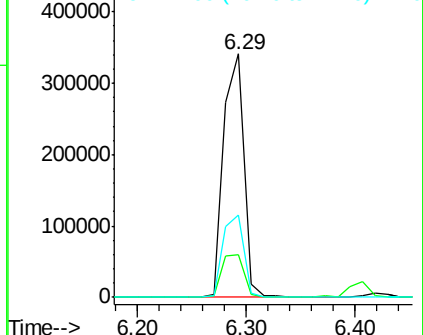
71 33.8 30.9 46.3



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: 49.40 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

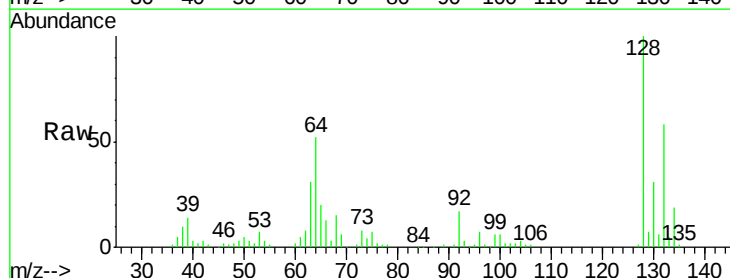
Tgt Ion: 128 Resp: 122482

Ion Ratio Lower Upper

128 100

130 31.0 11.6 51.6

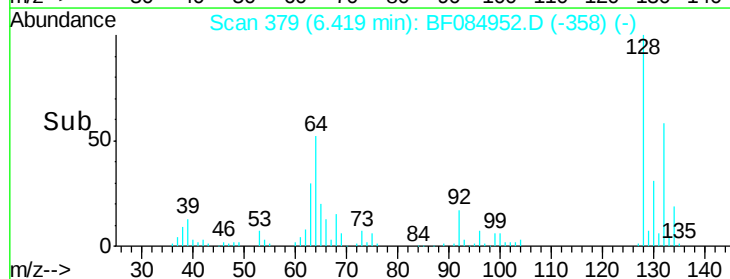
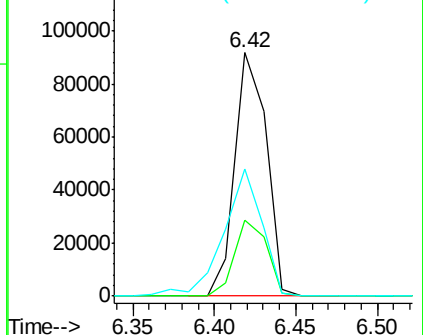
64 52.4 23.8 63.8

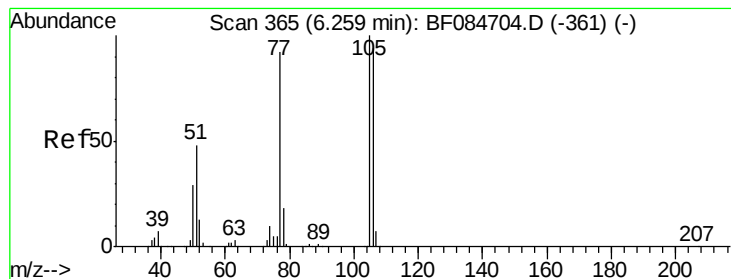


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.80 ng

RT: 6.19 min Scan# 359

Delta R.T. -0.05 min

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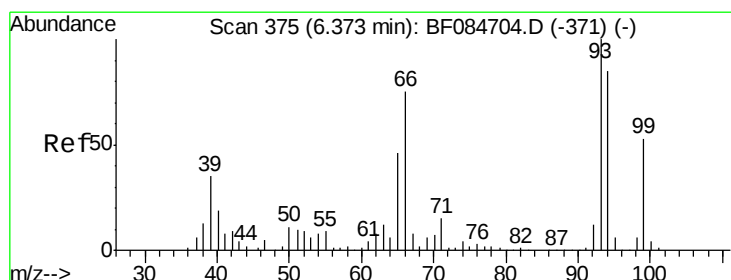
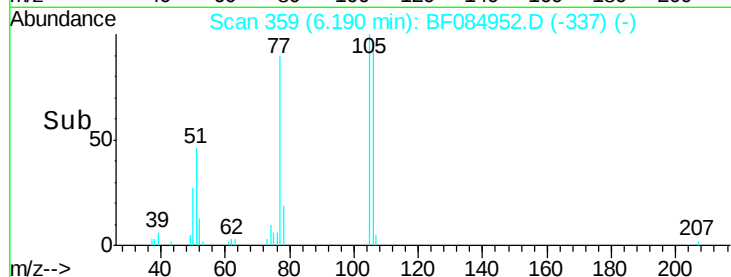
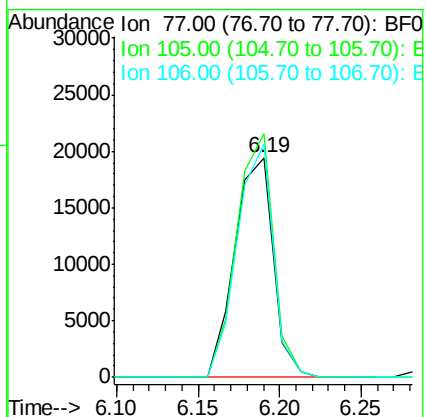
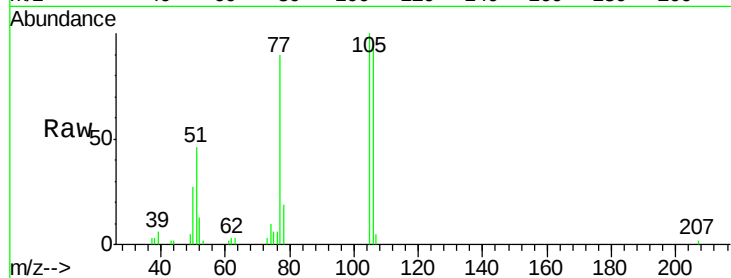
Tgt Ion: 77 Resp: 31748

Ion Ratio Lower Upper

77 100

105 110.9 83.0 123.0

106 106.1 74.6 114.6



#10

Phenol

Concen: 52.45 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

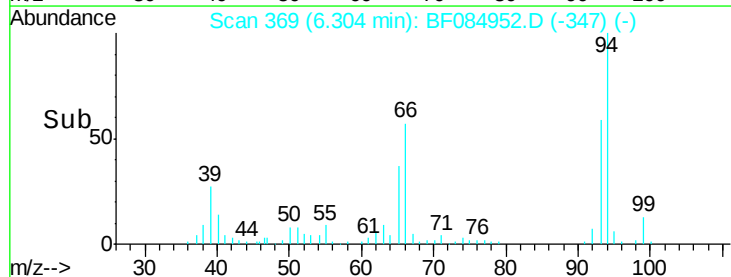
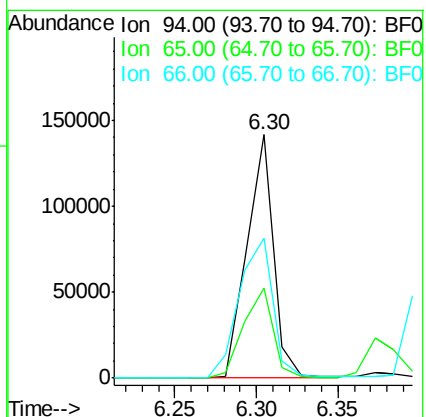
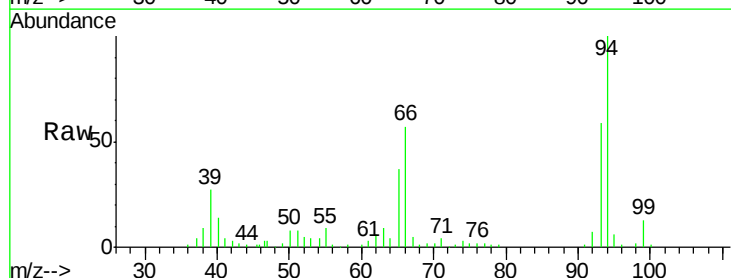
Tgt Ion: 94 Resp: 159551

Ion Ratio Lower Upper

94 100

65 37.1 12.9 52.9

66 57.3 32.7 72.7

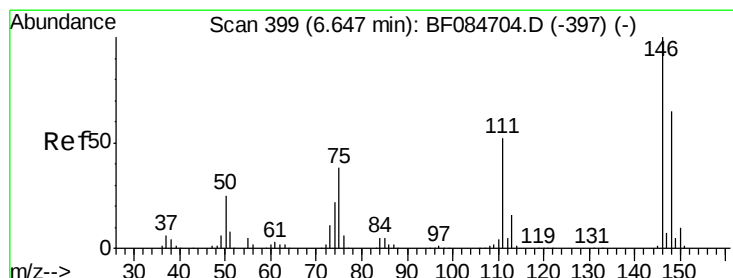
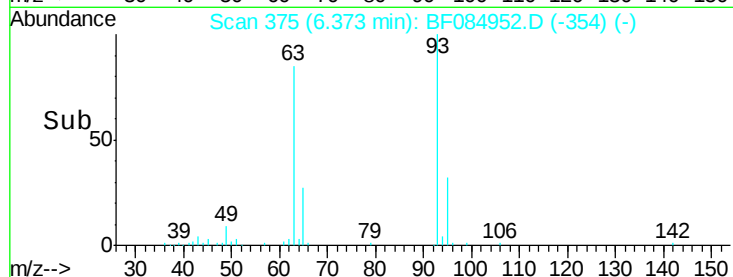
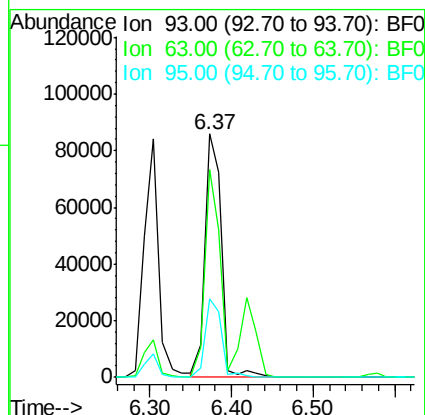
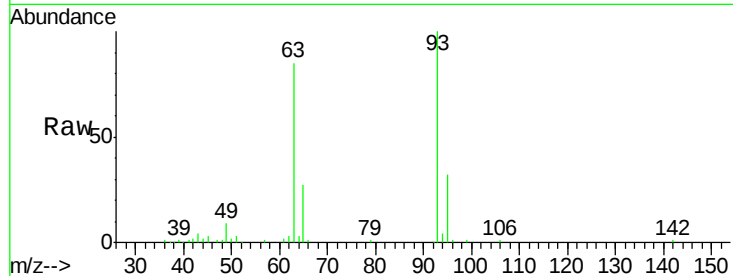




#11
bis(2-Chloroethyl)ether
Concen: 52.11 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

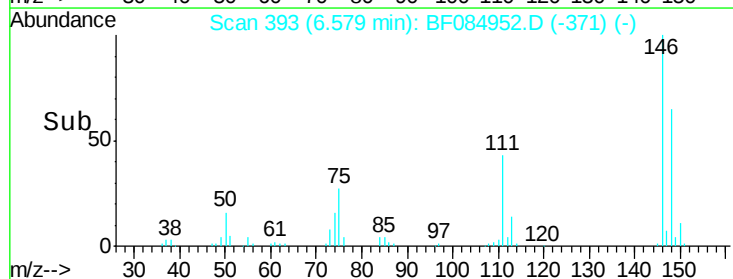
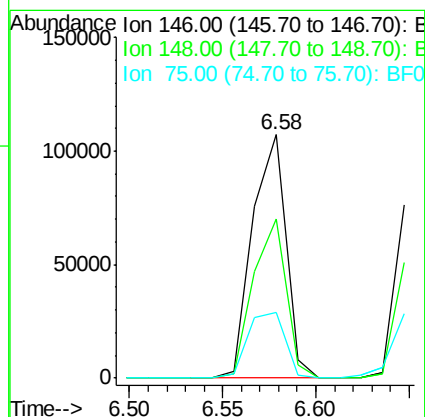
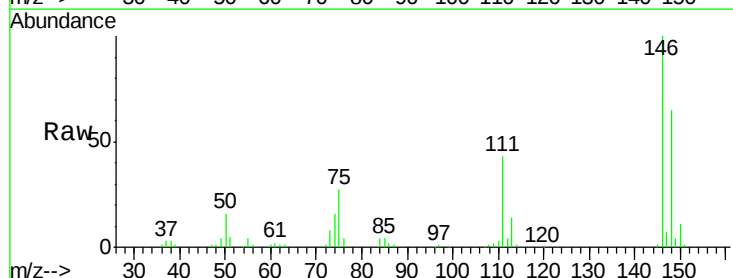
Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

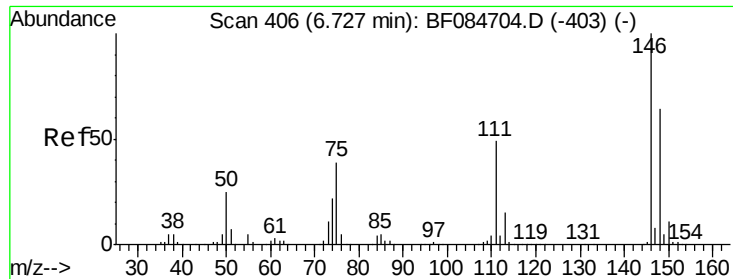
Tgt Ion: 93 Resp: 123620
Ion Ratio Lower Upper
93 100
63 85.4 45.9 85.9
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 50.78 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.05 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion: 146 Resp: 133024
Ion Ratio Lower Upper
146 100
148 65.2 51.9 77.9
75 27.2 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 50.80 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.13 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

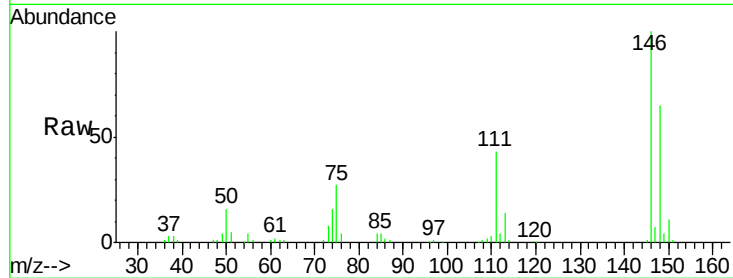
Tgt Ion:146 Resp: 133024

Ion Ratio Lower Upper

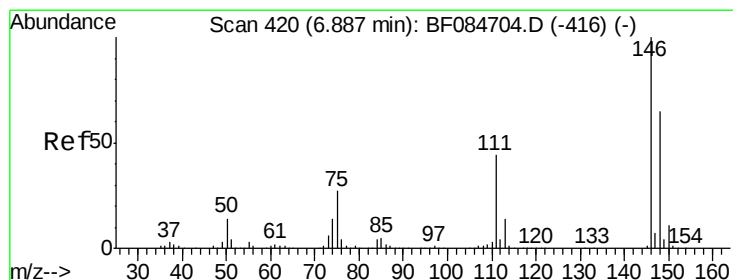
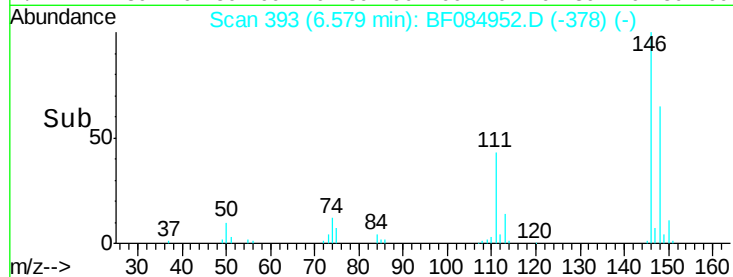
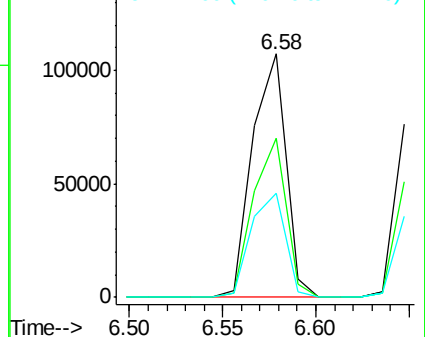
146 100

148 65.2 51.9 77.9

111 42.9 41.6 62.4



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: 50.02 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

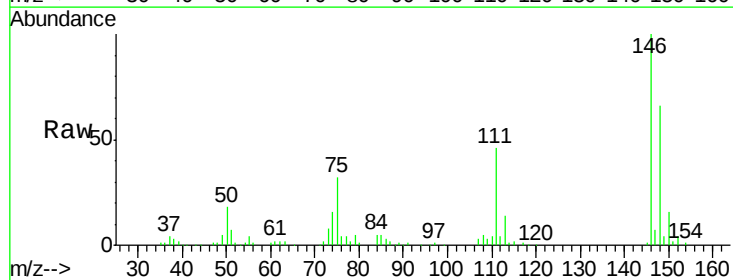
Tgt Ion:146 Resp: 122000

Ion Ratio Lower Upper

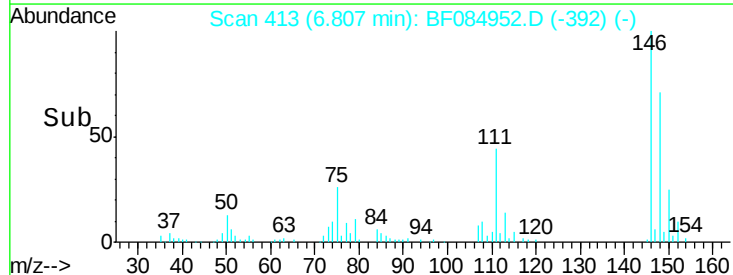
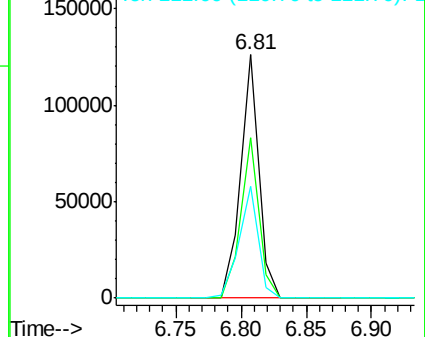
146 100

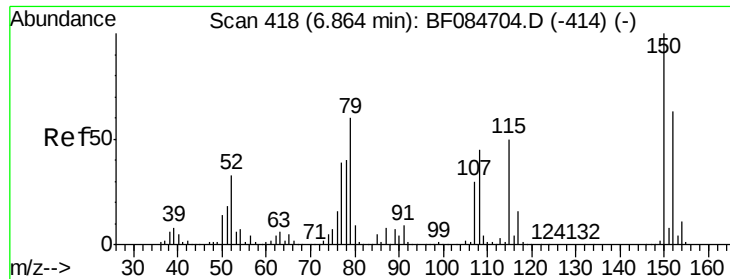
148 65.8 51.6 77.4

111 46.0 38.0 57.0



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

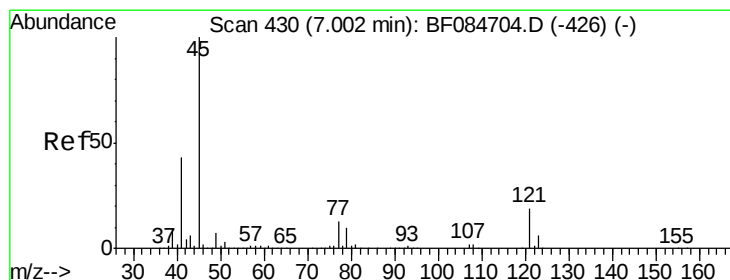
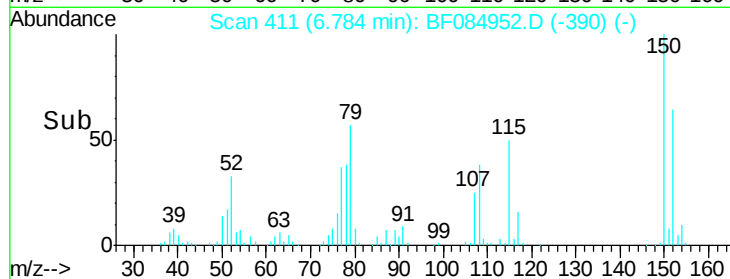
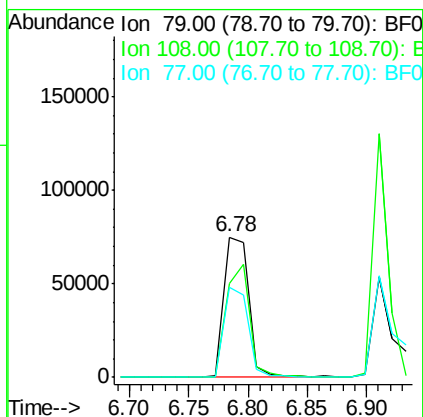
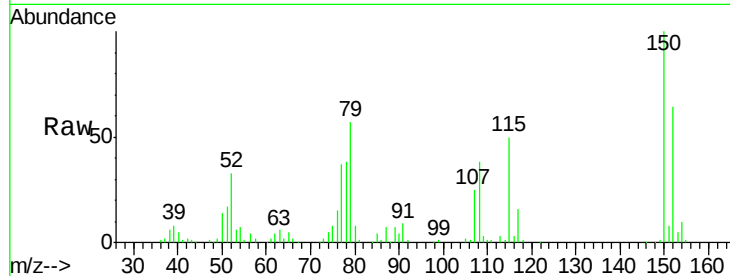




#15
Benzyl Alcohol
Concen: 58.14 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

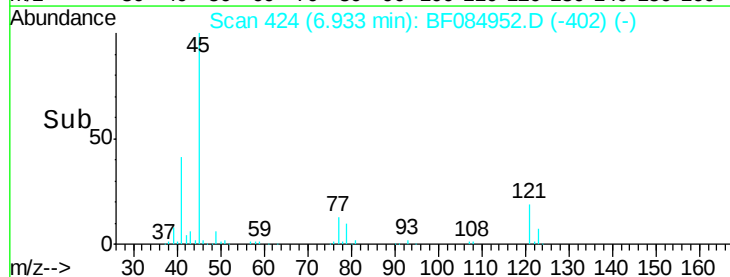
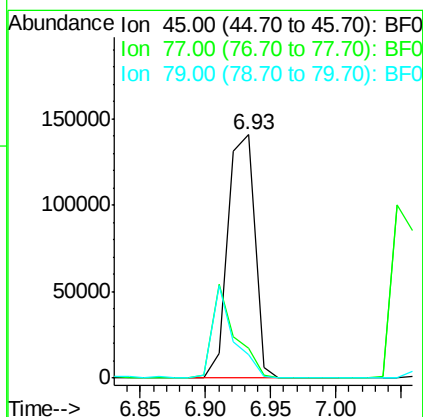
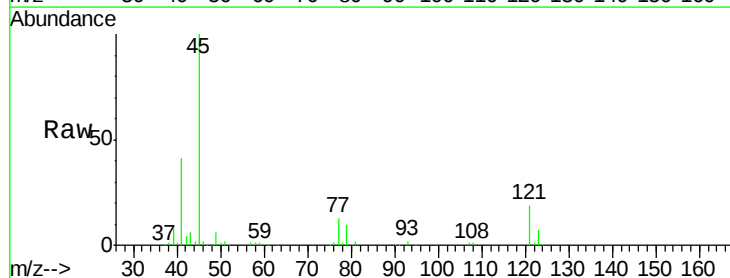
Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

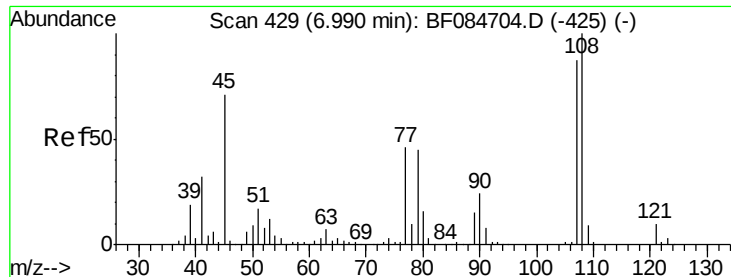
Tgt Ion: 79 Resp: 109007
Ion Ratio Lower Upper
79 100
108 67.3 69.0 103.4#
77 64.4 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.72 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.05 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion: 45 Resp: 202407
Ion Ratio Lower Upper
45 100
77 12.5 0.0 39.6
79 9.9 0.0 35.0

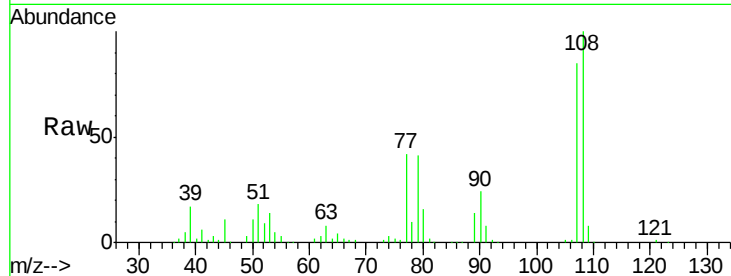




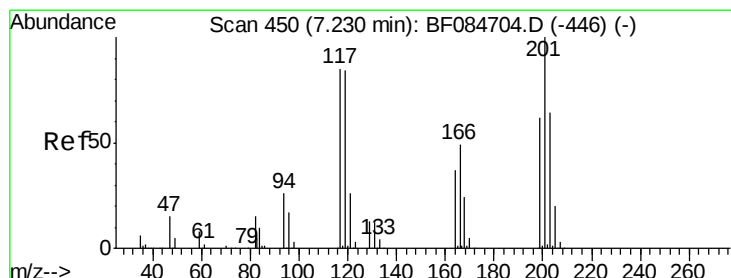
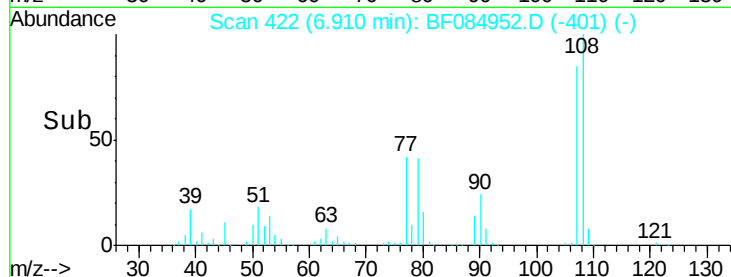
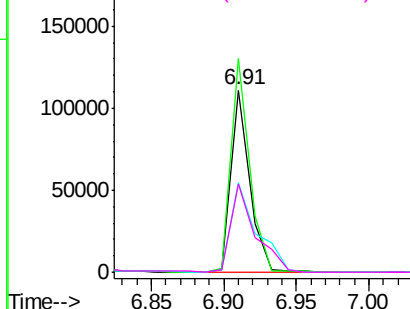
#17
2-Methylphenol
Concen: 50.78 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion:107 Resp: 99570
Ion Ratio Lower Upper
107 100
108 117.2 89.8 134.6
77 48.9 35.7 53.5
79 48.4 35.7 53.5

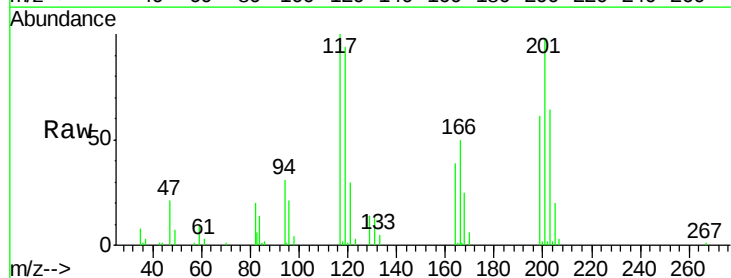


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

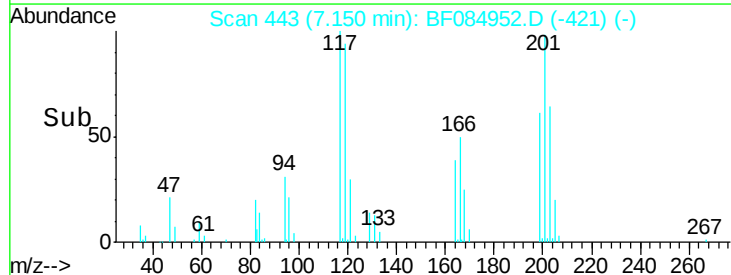
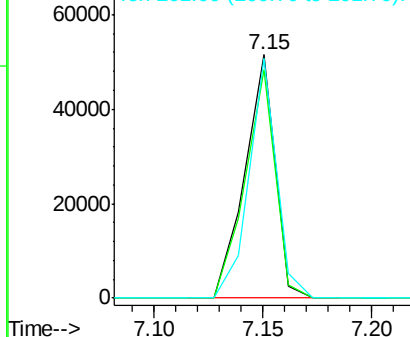


#18
Hexachloroethane
Concen: 49.28 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion:117 Resp: 49698
Ion Ratio Lower Upper
117 100
119 94.0 77.4 116.0
201 98.4 68.6 103.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

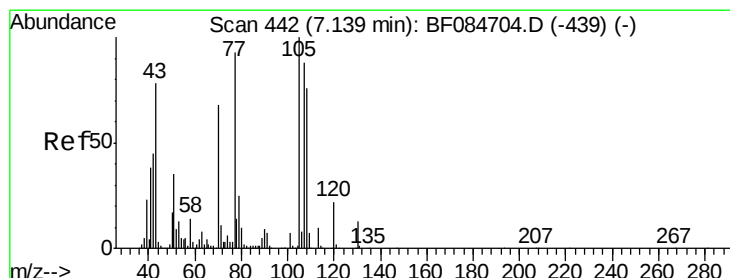
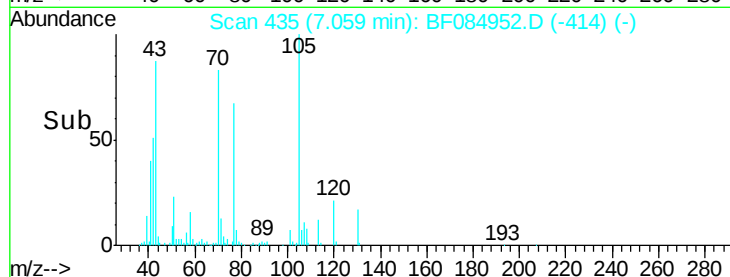
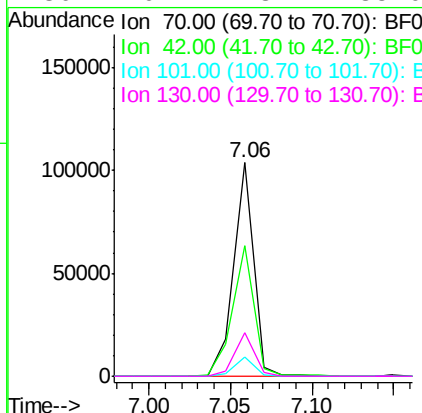
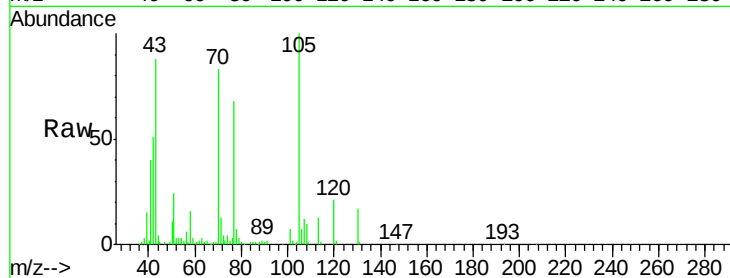




#19
n-Nitroso-di-n-propylamine
Concen: 51.24 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

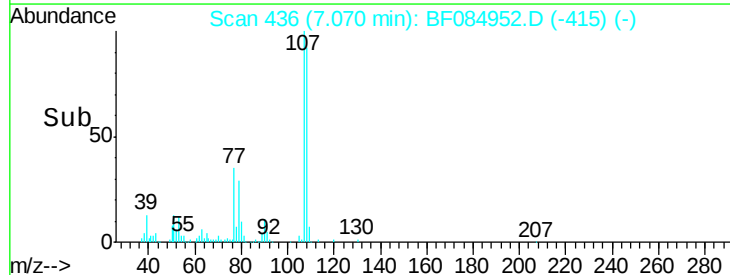
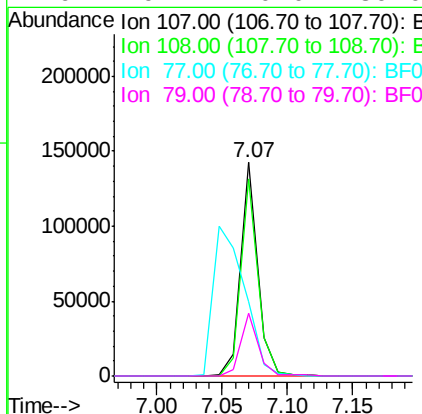
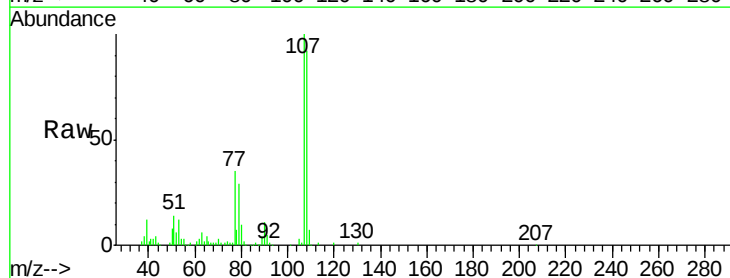
Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

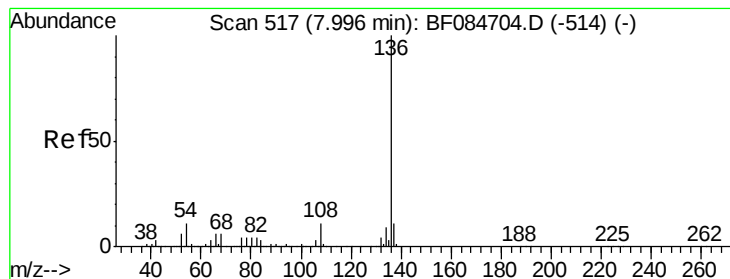
Tgt Ion:	70	Resp:	87225
Ion	Ratio	Lower	Upper
70	100		
42	61.4	33.3	49.9#
101	8.9	9.3	13.9#
130	20.4	23.4	35.0#



#20
3+4-Methylphenols
Concen: 53.12 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion:	107	Resp:	129283
Ion	Ratio	Lower	Upper
107	100		
108	92.4	74.6	114.6
77	35.0	0.7	40.7
79	29.4	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.05 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

Tgt Ion:136 Resp: 142074

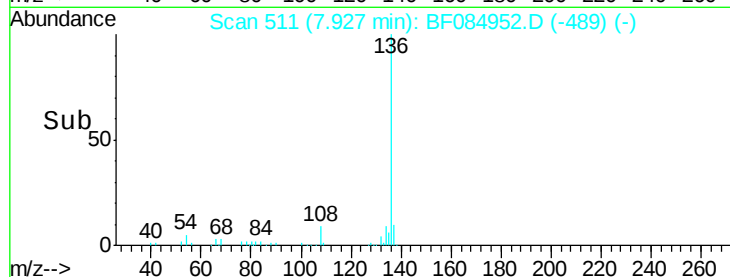
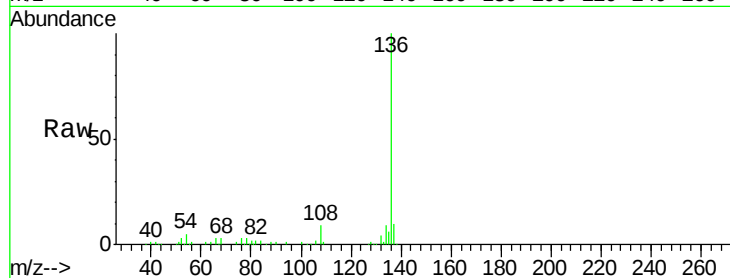
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 5.1 5.8 8.8#

68 3.1 4.2 6.2#

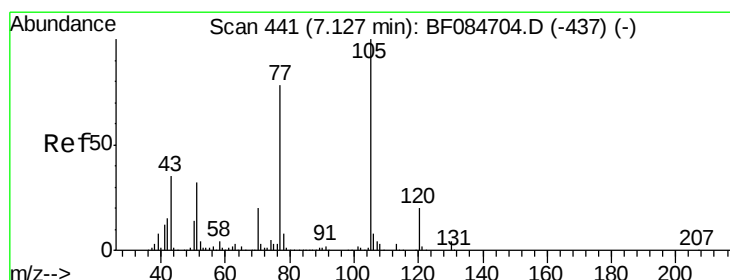
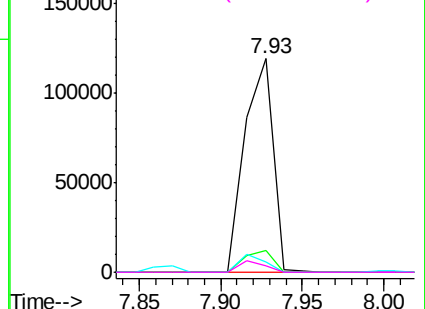


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.11 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Tgt Ion:105 Resp: 176397

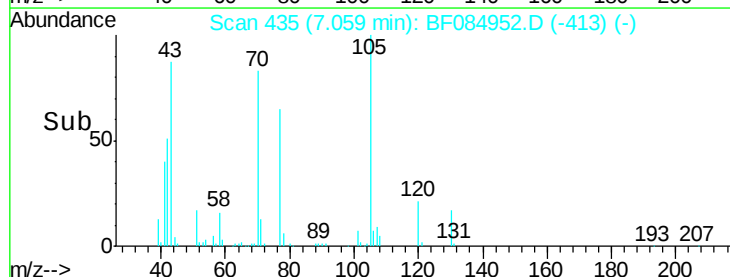
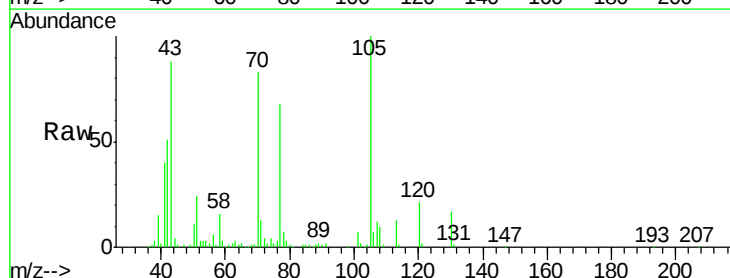
Ion Ratio Lower Upper

105 100

71 13.4 3.7 5.5#

51 23.8 25.1 37.7#

120 21.1 16.6 25.0

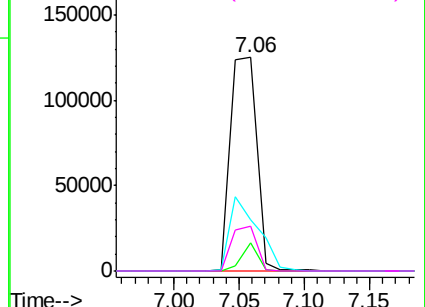


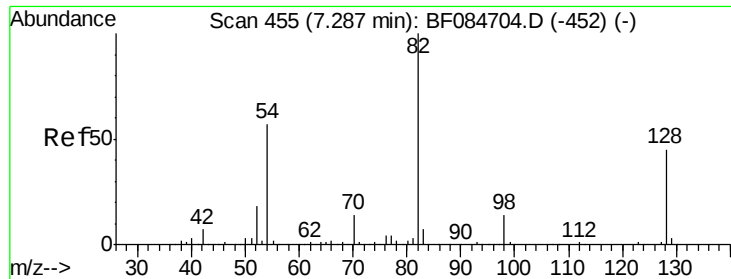
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

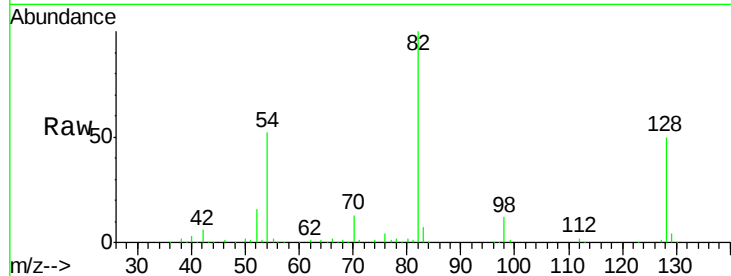




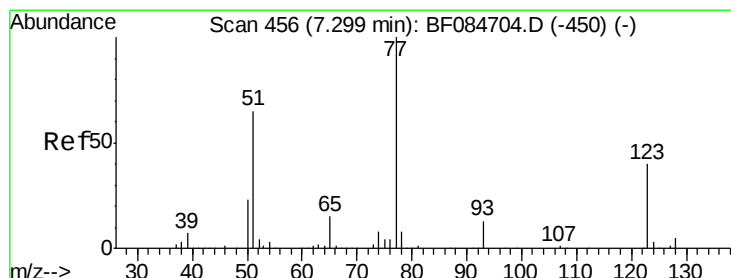
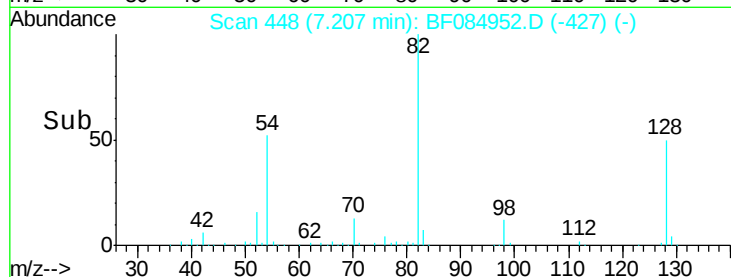
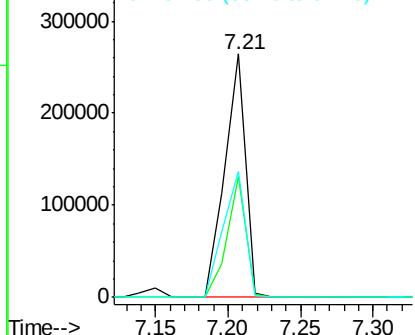
#23
 Nitrobenzene-d5
 Concen: 104.64 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion: 82 Resp: 263911
 Ion Ratio Lower Upper
 82 100
 128 49.9 34.6 51.8
 54 51.7 38.4 57.6

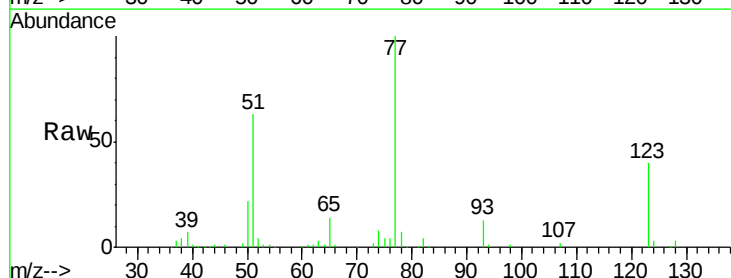


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

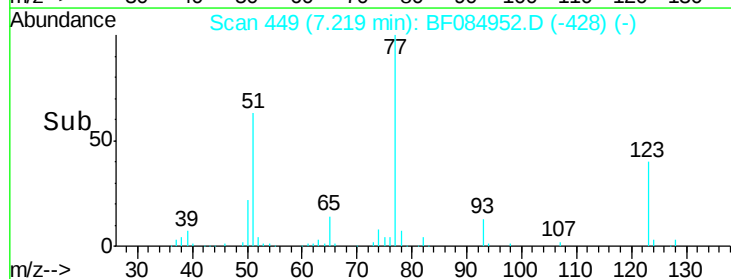
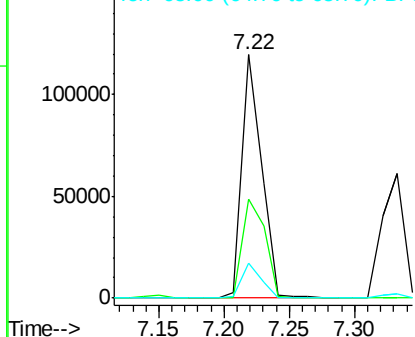


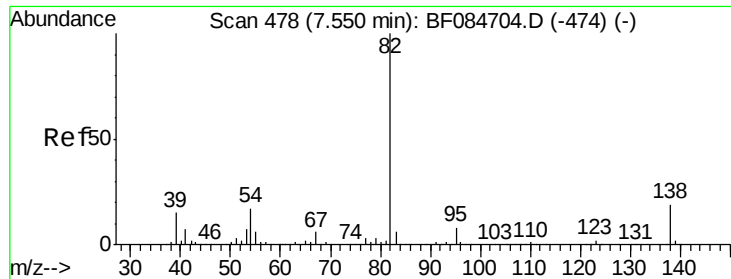
#24
 Nitrobenzene
 Concen: 46.07 ng
 RT: 7.22 min Scan# 449
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion: 77 Resp: 124438
 Ion Ratio Lower Upper
 77 100
 123 40.4 37.4 56.2
 65 14.4 10.9 16.3



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: 46.75 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

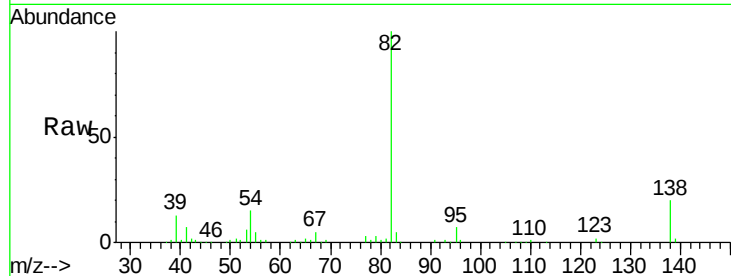
Tgt Ion: 82 Resp: 229271

Ion Ratio Lower Upper

82 100

95 7.4 6.6 10.0

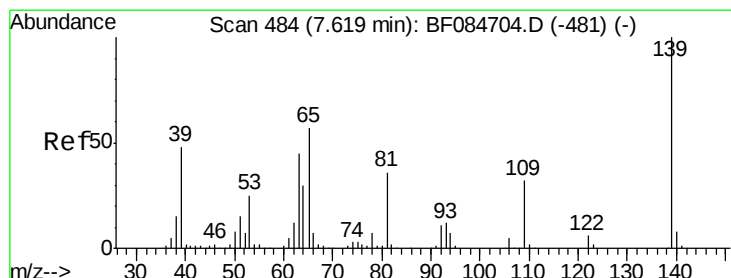
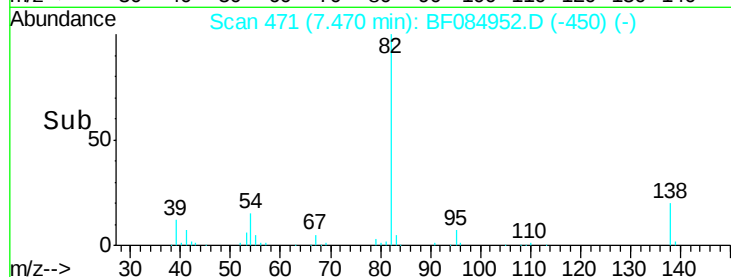
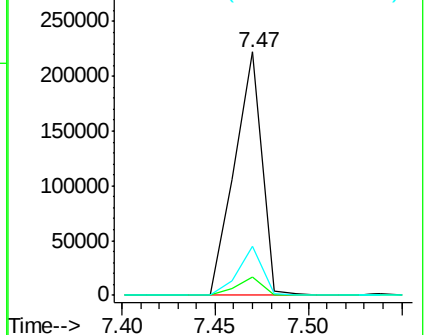
138 19.9 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.60 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

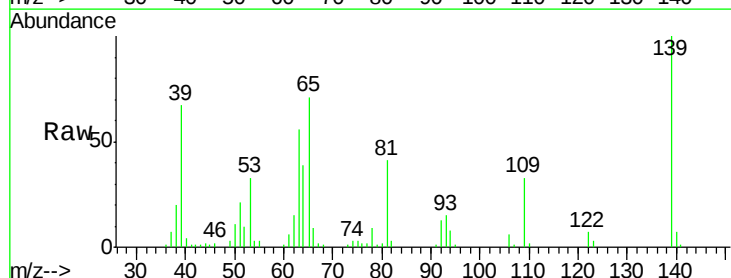
Tgt Ion: 139 Resp: 59414

Ion Ratio Lower Upper

139 100

109 33.4 25.4 38.2

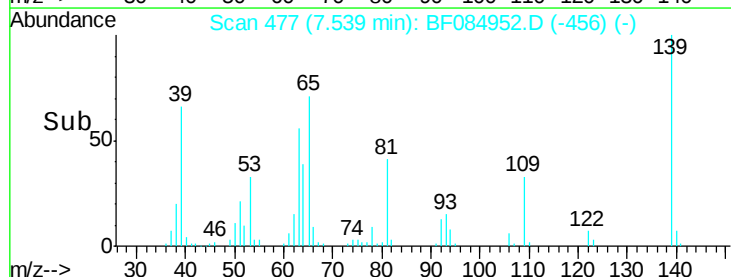
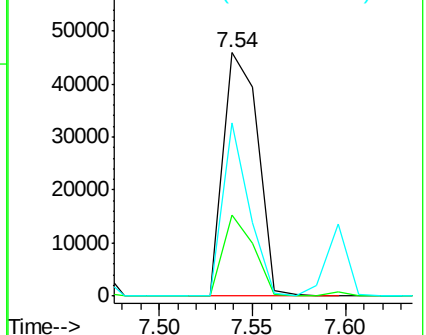
65 71.1 32.3 48.5#

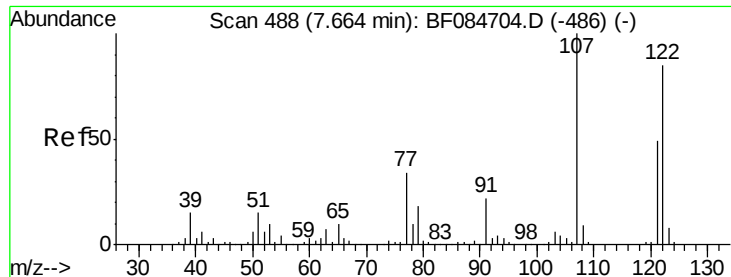


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

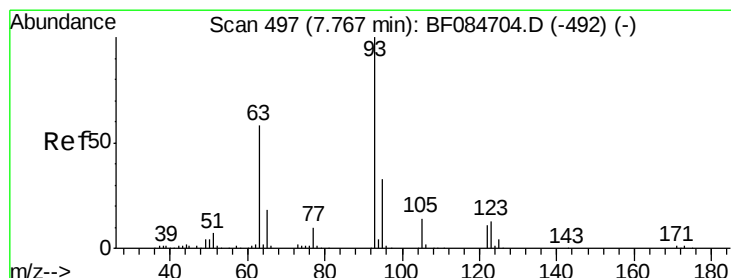
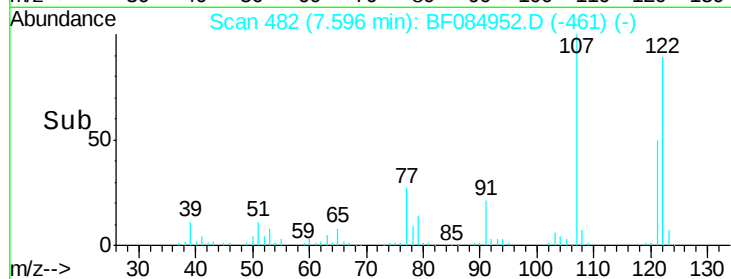
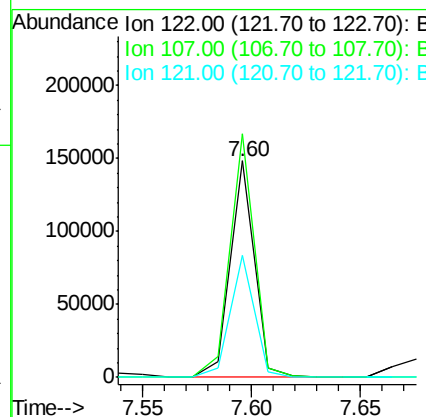
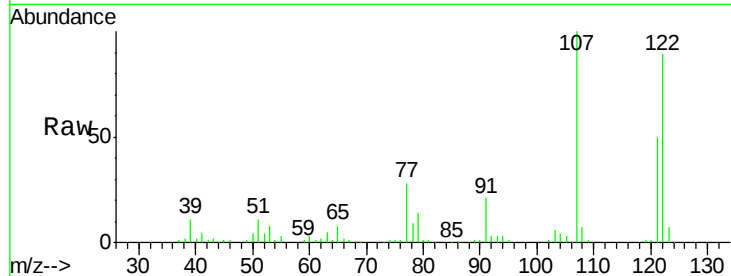




#27
 2,4-Dimethylphenol
 Concen: 49.33 ng
 RT: 7.60 min Scan# 482
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

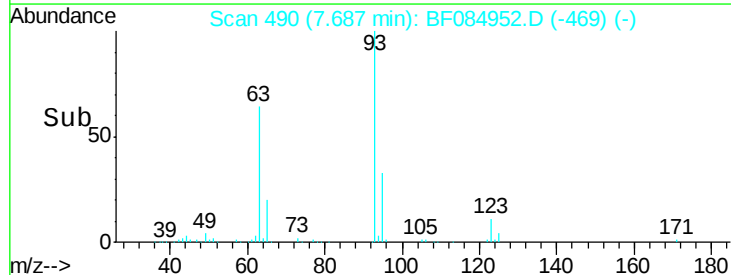
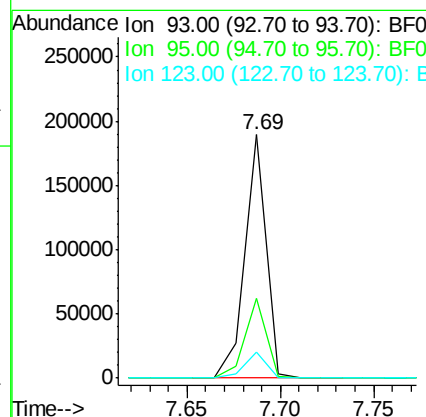
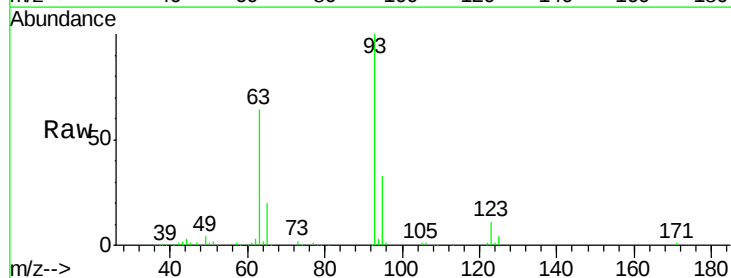
Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

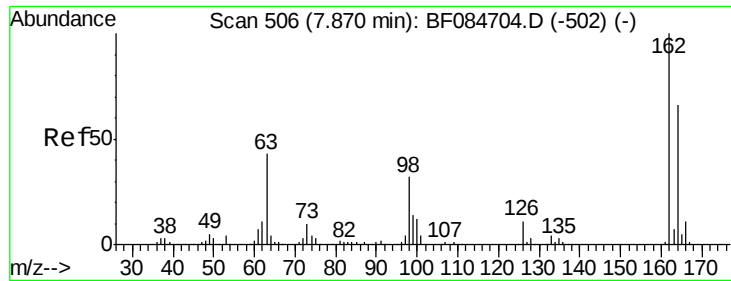
Tgt Ion: 122 Resp: 114292
 Ion Ratio Lower Upper
 122 100
 107 112.7 99.1 148.7
 121 56.4 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.88 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion: 93 Resp: 150935
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.8 38.6
 123 10.8 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 53.99 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

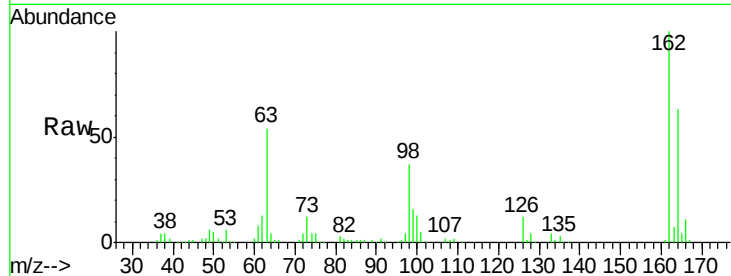
Tgt Ion:162 Resp: 107024

Ion Ratio Lower Upper

162 100

164 63.0 44.1 84.1

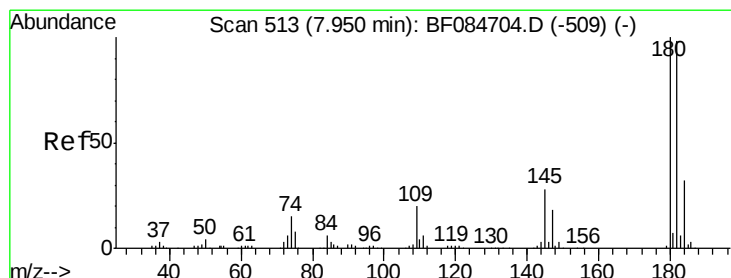
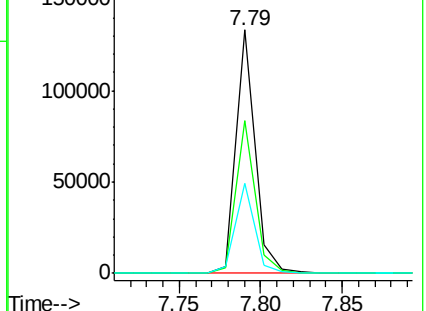
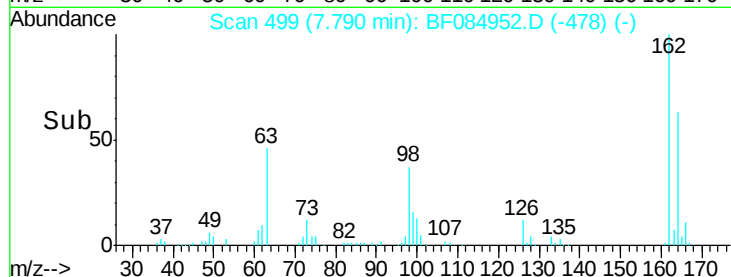
98 36.7 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 49.84 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.05 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

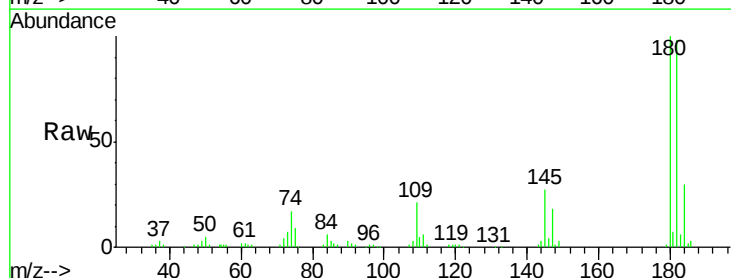
Tgt Ion:180 Resp: 111587

Ion Ratio Lower Upper

180 100

182 97.8 76.4 114.6

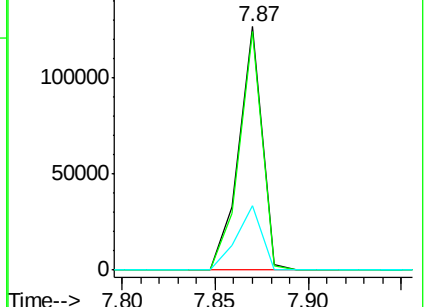
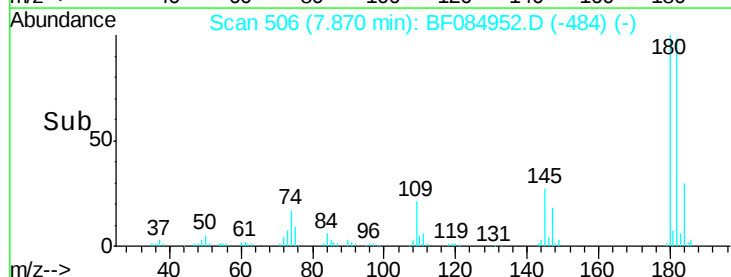
145 26.7 31.6 47.4#

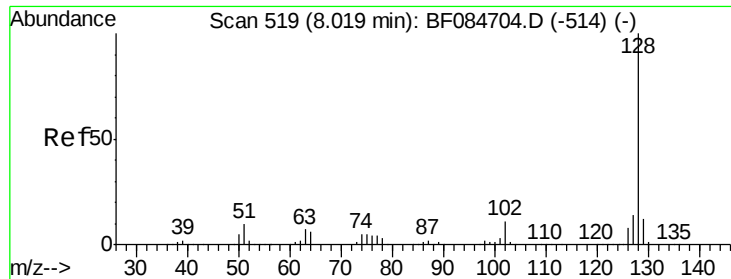


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

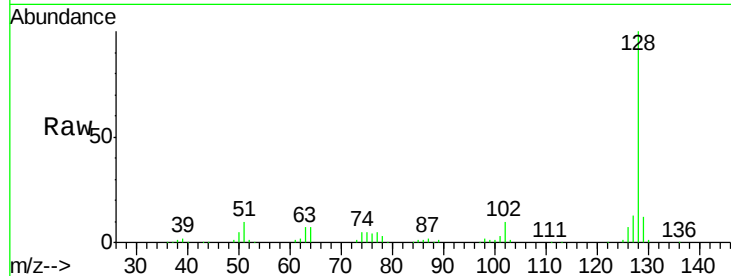




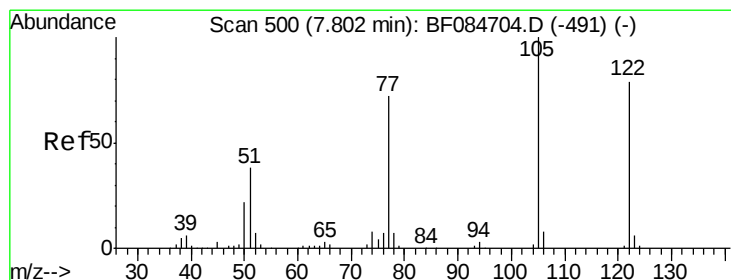
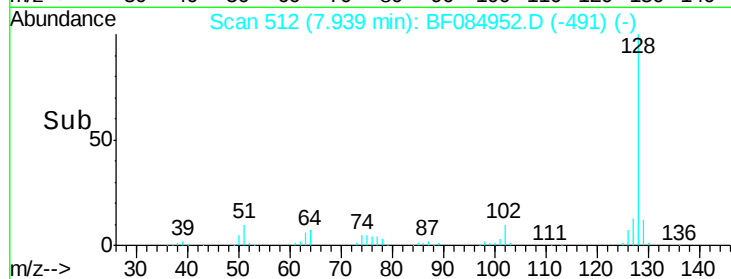
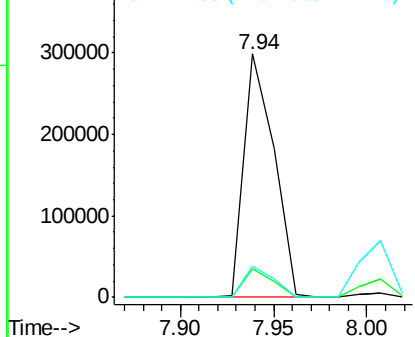
#31
Naphthalene
Concen: 46.87 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion:128 Resp: 334006
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 12.7 11.1 16.7

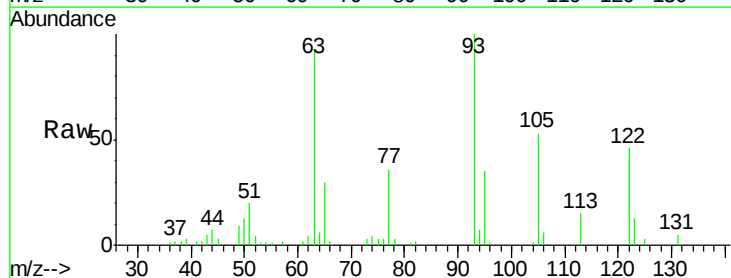


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

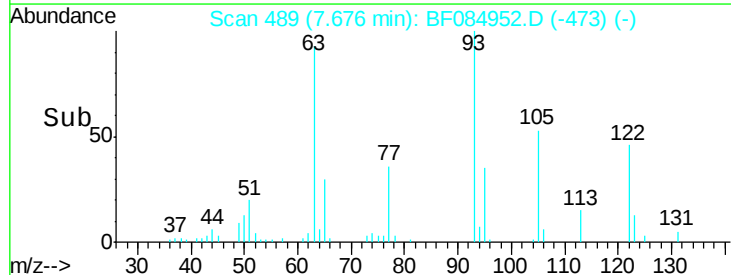
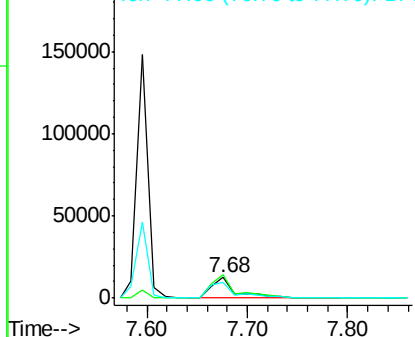


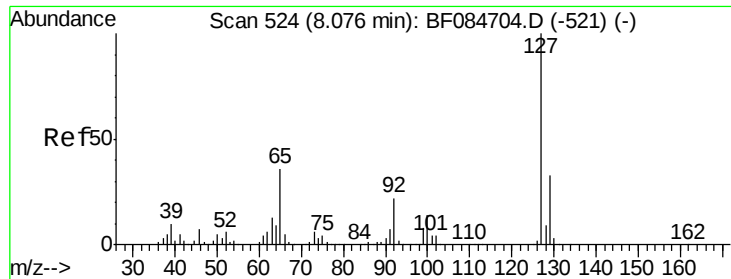
#32
Benzoic acid
Concen: 14.45 ng
RT: 7.68 min Scan# 489
Delta R.T. -0.11 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion:122 Resp: 21414
Ion Ratio Lower Upper
122 100
105 115.7 100.3 140.3
77 79.8 63.5 103.5



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

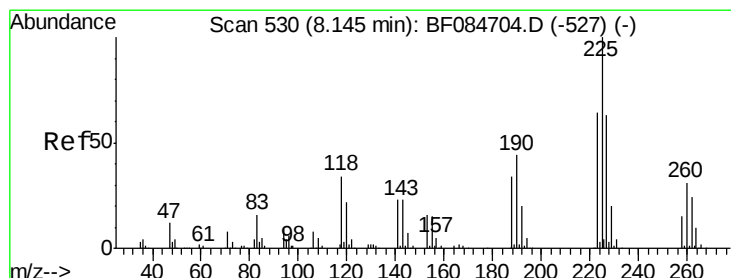
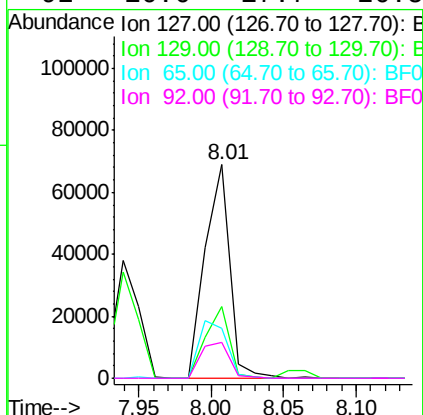
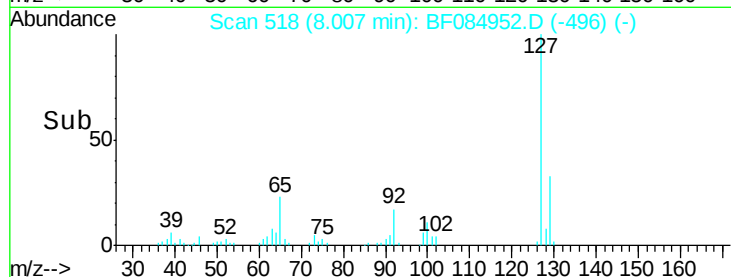
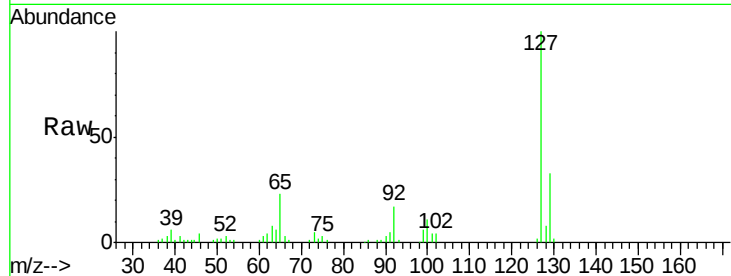




#33
4-Chloroaniline
Concen: 27.52 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.05 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

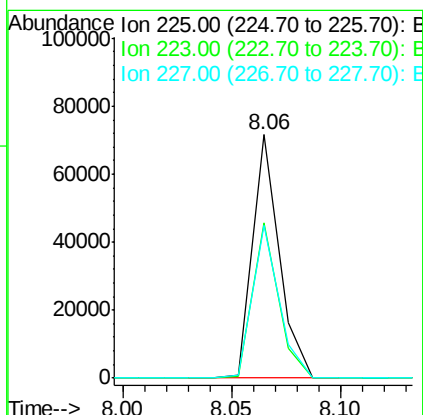
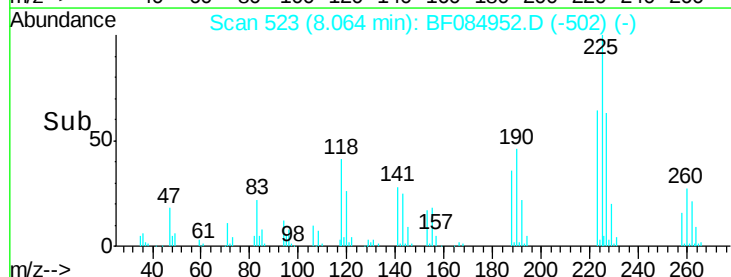
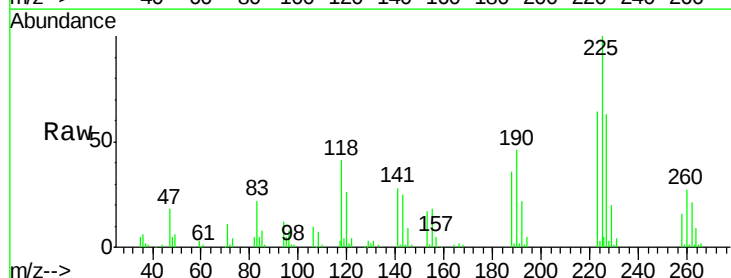
Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion:	127	Resp:	81122
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.5	39.7
65	23.5	27.2	40.8#
92	16.6	17.7	26.5#



#34
Hexachlorobutadiene
Concen: 47.21 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion:	225	Resp:	60949
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.4	74.0
227	62.5	50.8	76.2





#35

Caprolactam

Concen: 42.94 ng

RT: 8.35 min Scan# 548

Delta R.T. -0.09 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

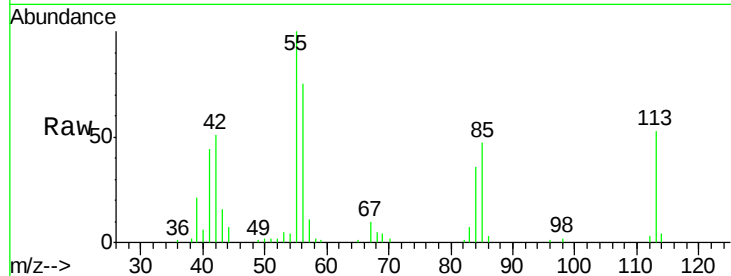
Tgt Ion:113 Resp: 26237

Ion Ratio Lower Upper

113 100

55 189.1 116.9 156.9#

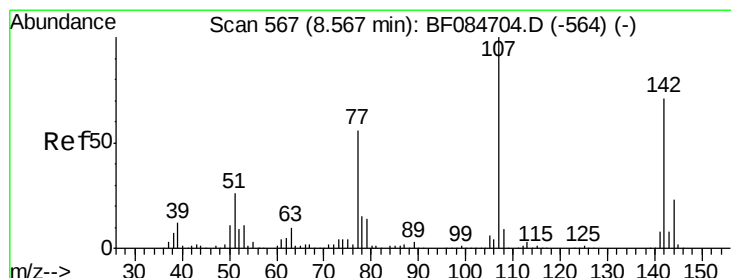
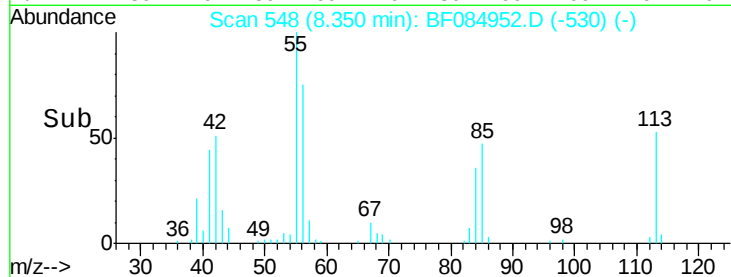
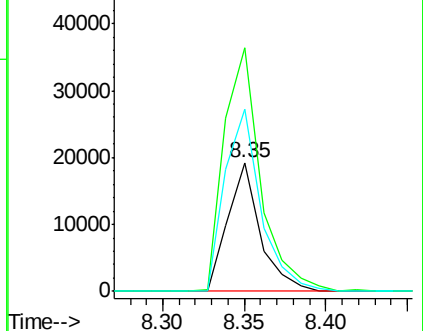
56 141.1 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.06 ng

RT: 8.49 min Scan# 560

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

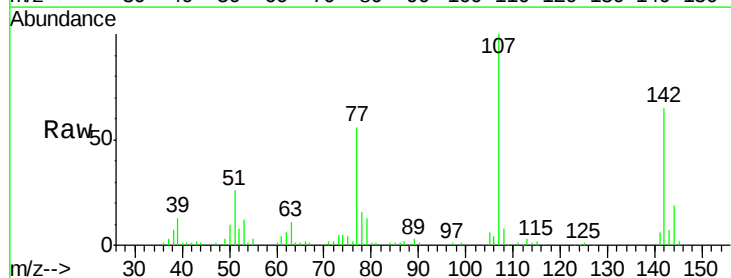
Tgt Ion:107 Resp: 99643

Ion Ratio Lower Upper

107 100

144 18.8 19.7 29.5#

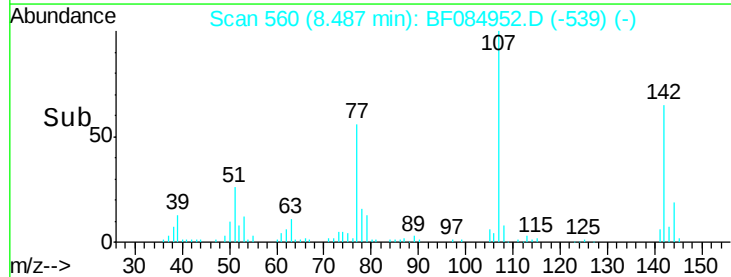
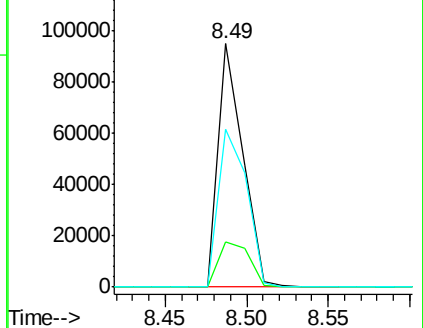
142 64.8 61.8 92.6

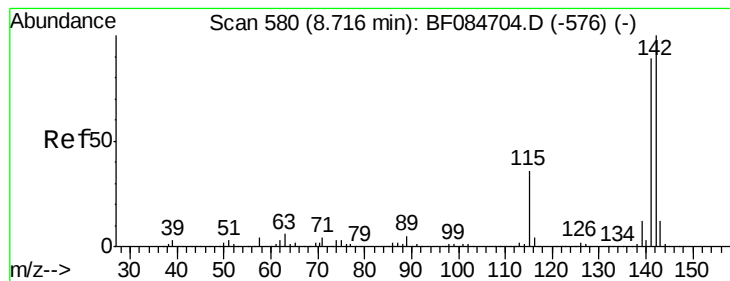


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

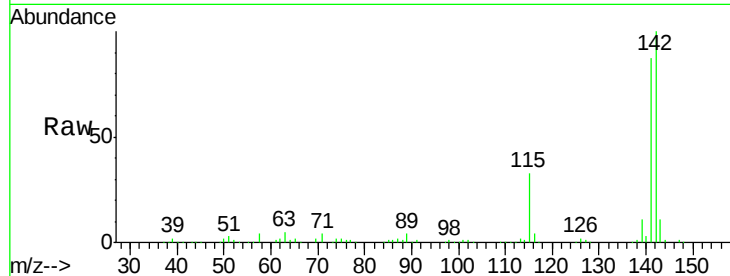




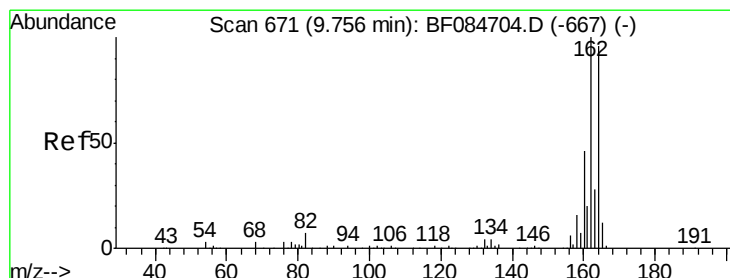
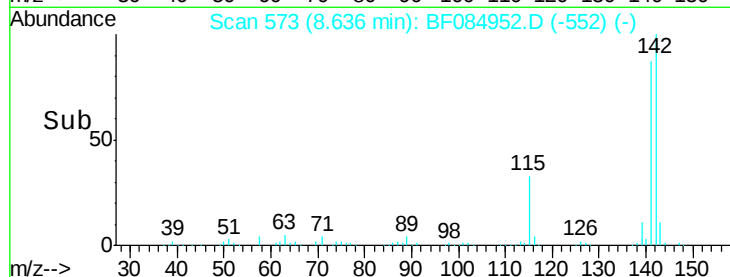
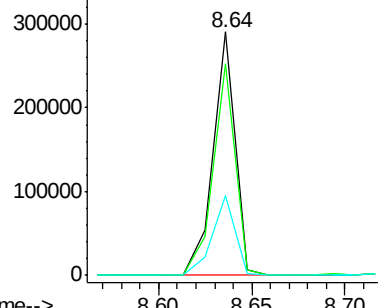
#37
 2-Methylnaphthalene
 Concen: 54.15 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion:142 Resp: 241504
 Ion Ratio Lower Upper
 142 100
 141 86.7 72.4 108.6
 115 32.8 27.9 41.9

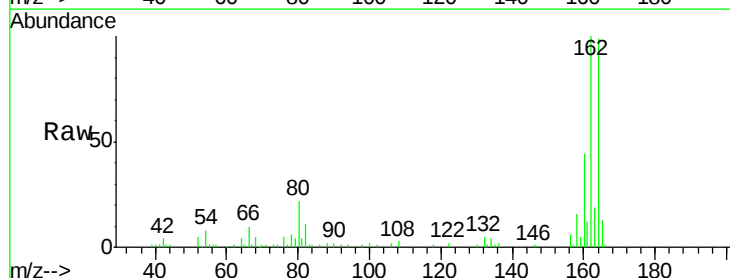


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

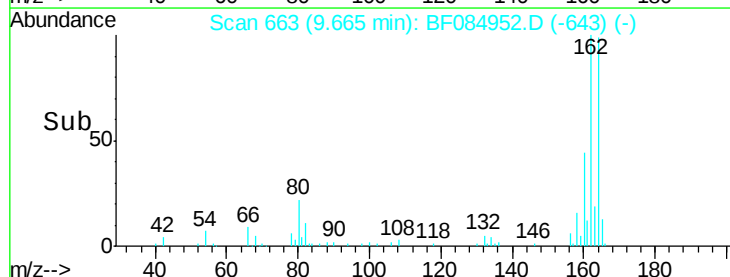
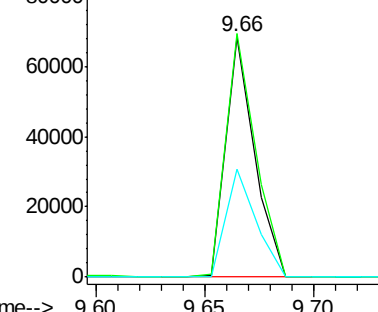


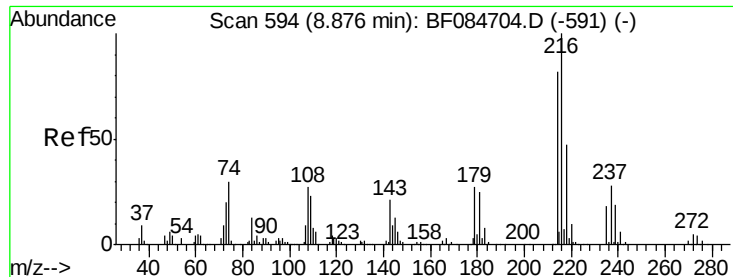
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.07 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion:164 Resp: 63042
 Ion Ratio Lower Upper
 164 100
 162 101.3 85.1 127.7
 160 44.8 37.5 56.3



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: 47.14 ng

RT: 8.80 min Scan# 587

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

Tgt Ion:216 Resp: 94374

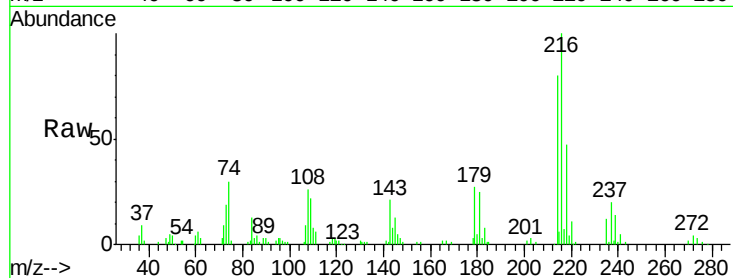
Ion Ratio Lower Upper

216 100

214 79.2 64.2 96.2

179 23.2 18.7 28.1

108 21.4 16.8 25.2

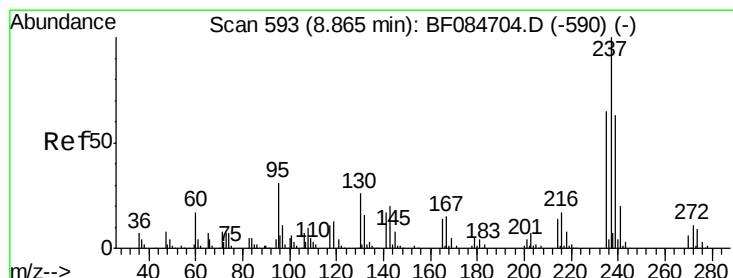
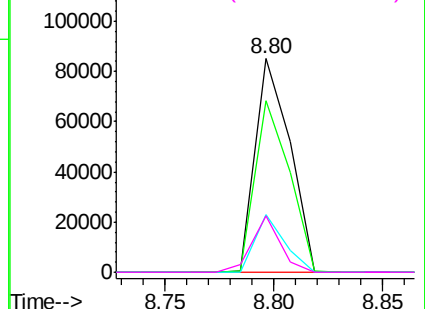
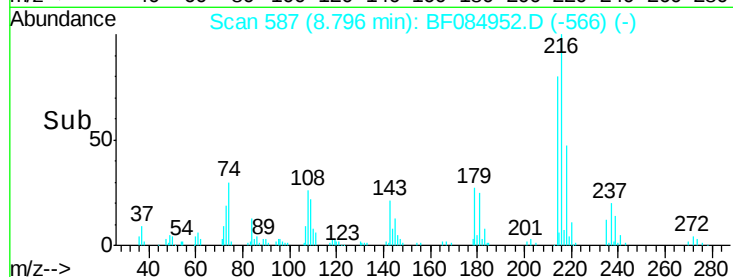


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 61.65 ng

RT: 8.78 min Scan# 586

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

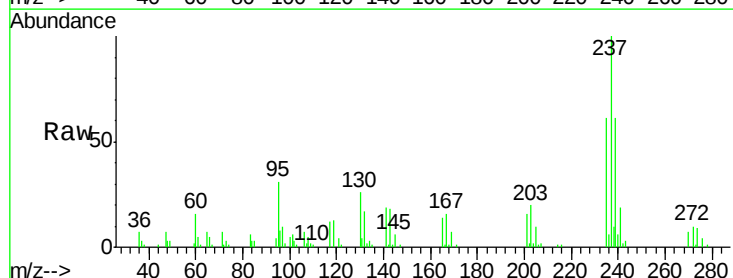
Tgt Ion:237 Resp: 49324

Ion Ratio Lower Upper

237 100

235 61.0 43.1 83.1

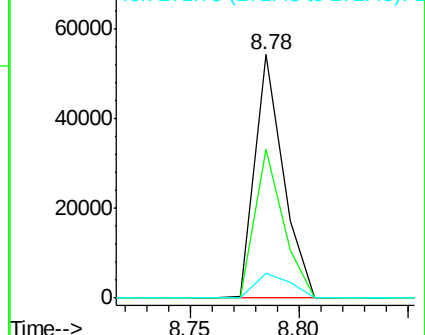
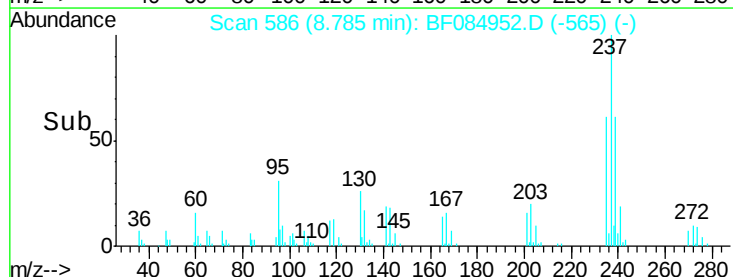
272 10.1 0.0 35.1

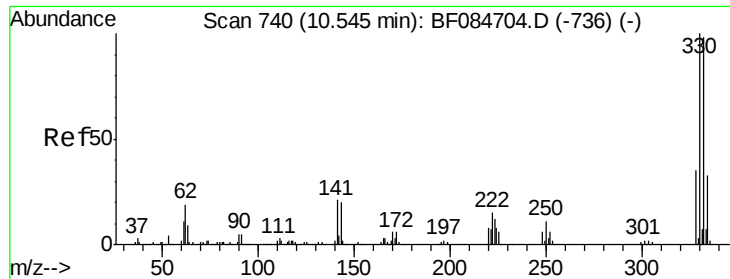


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

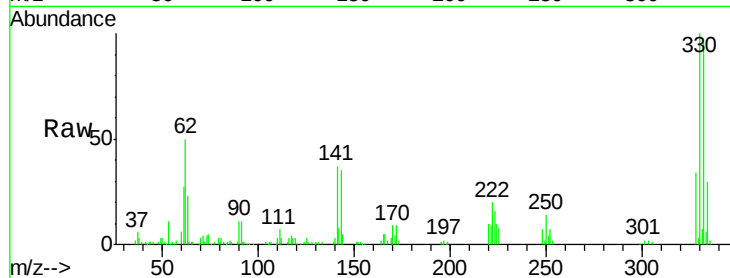




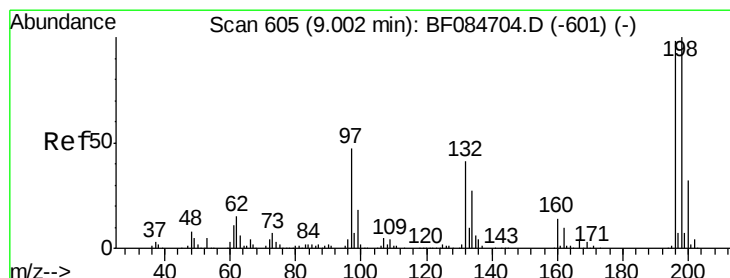
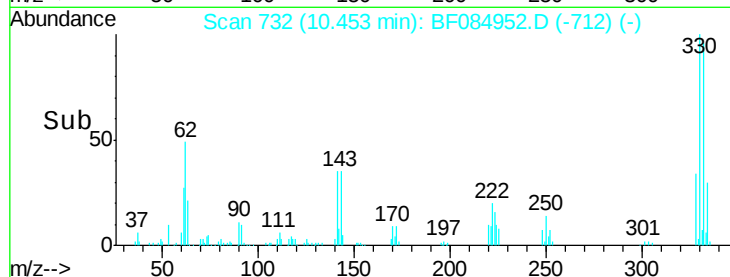
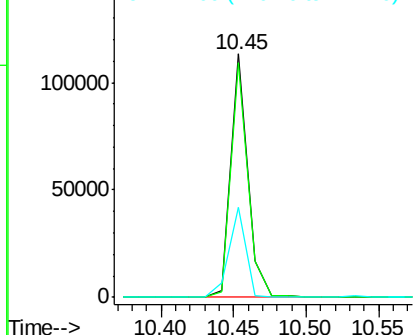
#41
 2,4,6-Tribromophenol
 Concen: 140.76 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.07 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion:330 Resp: 92564
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 37.0 27.8 41.6

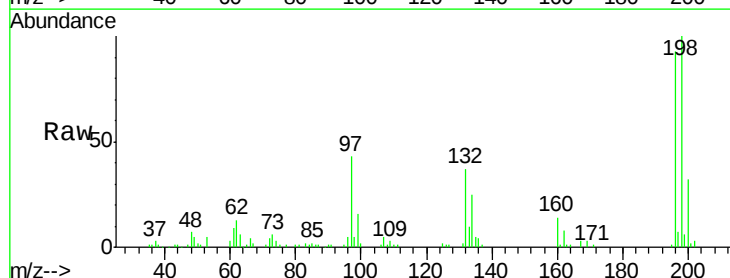


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

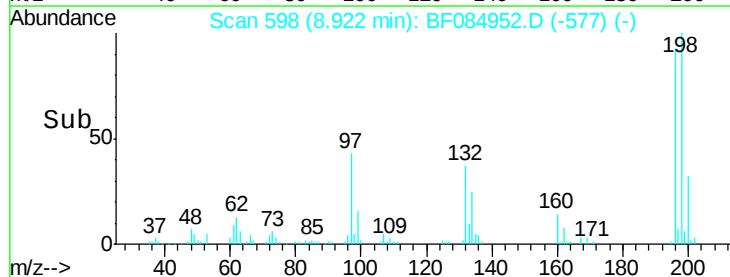
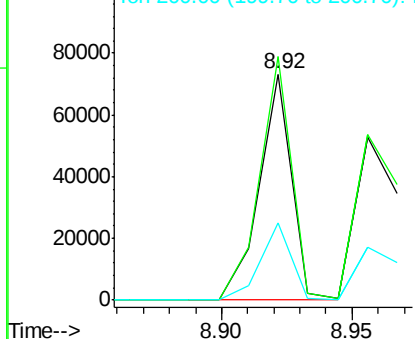


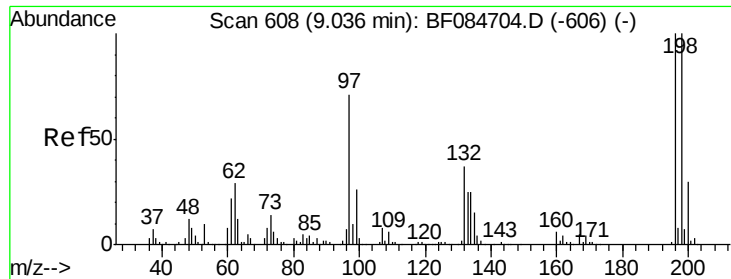
#42
 2,4,6-Trichlorophenol
 Concen: 49.24 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion:196 Resp: 63515
 Ion Ratio Lower Upper
 196 100
 198 107.9 77.7 116.5
 200 34.4 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

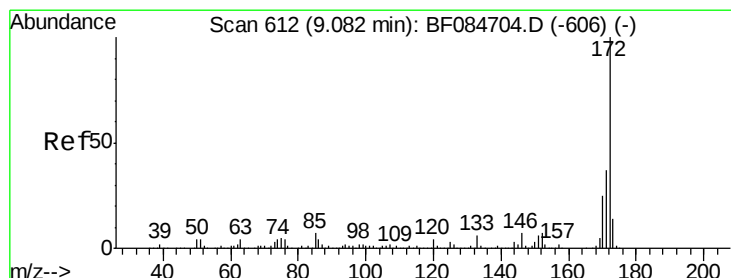
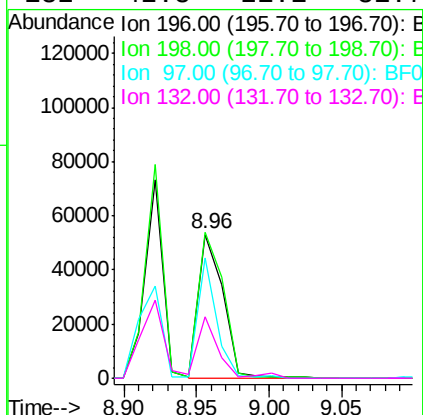
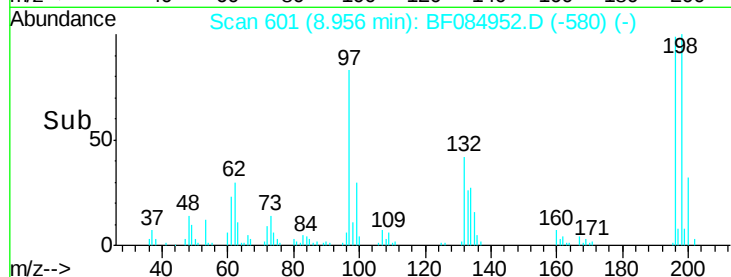
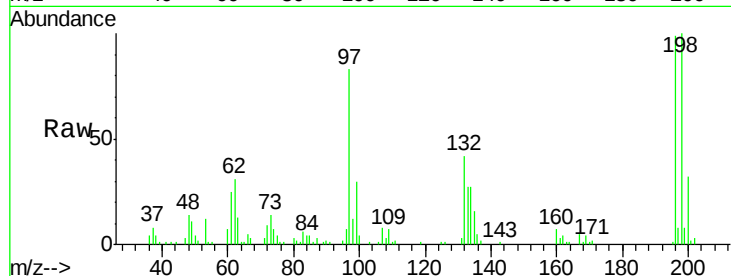




#43
 2,4,5-Trichlorophenol
 Concen: 47.66 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

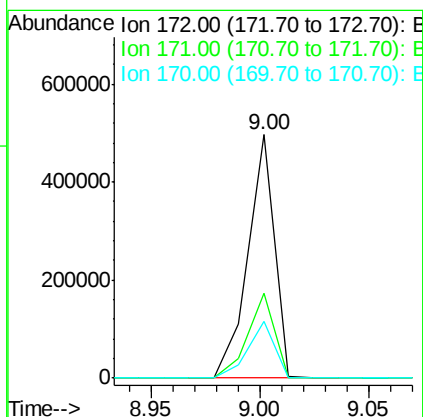
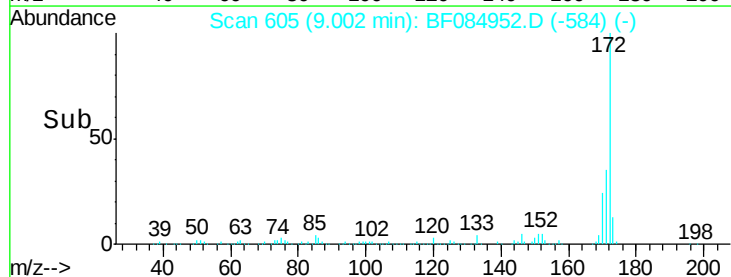
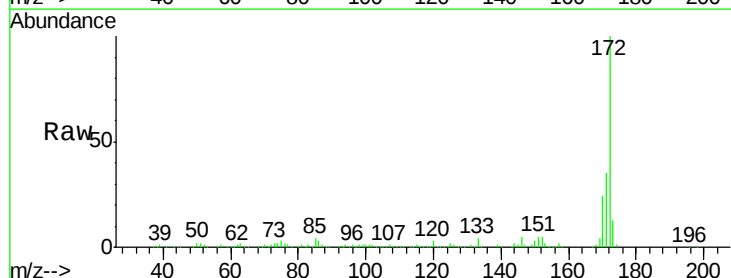
Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion:196 Resp: 62467
 Ion Ratio Lower Upper
 196 100
 198 101.4 79.0 118.6
 97 83.8 33.0 49.6#
 132 42.8 21.1 31.7#



#44
 2-Fluorobiphenyl
 Concen: 149.03 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion:172 Resp: 418728
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.9 43.3
 170 23.5 18.6 27.8

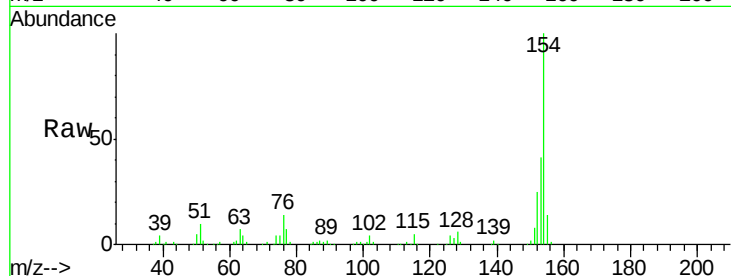




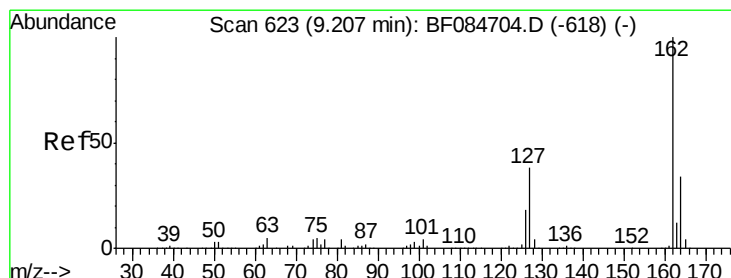
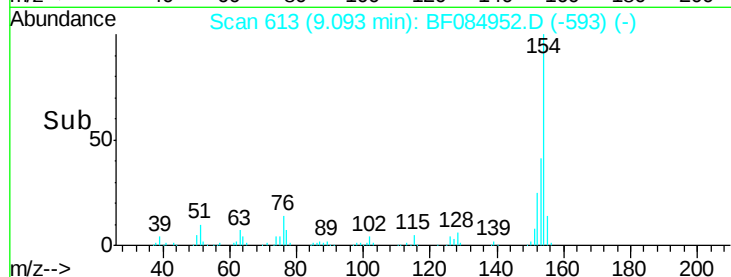
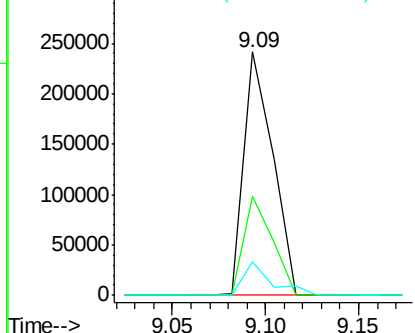
#45
 1,1'-Biphenyl
 Concen: 46.17 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.07 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion:154 Resp: 259971
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.6 61.6
 76 14.0 0.0 32.7

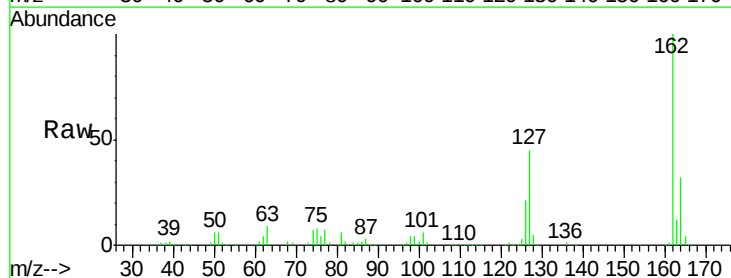


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

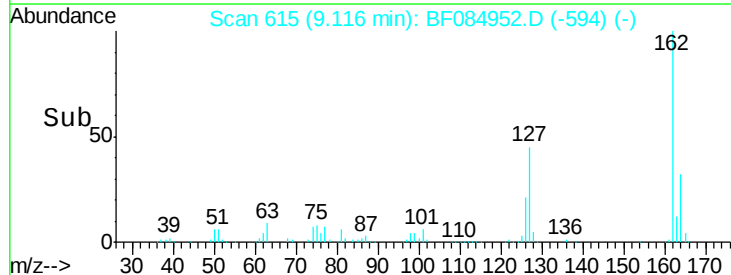
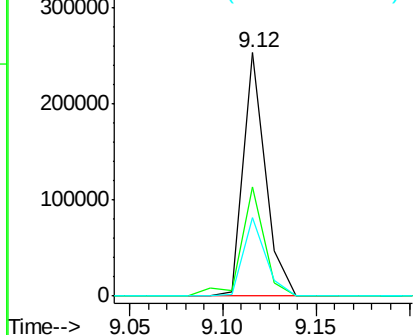


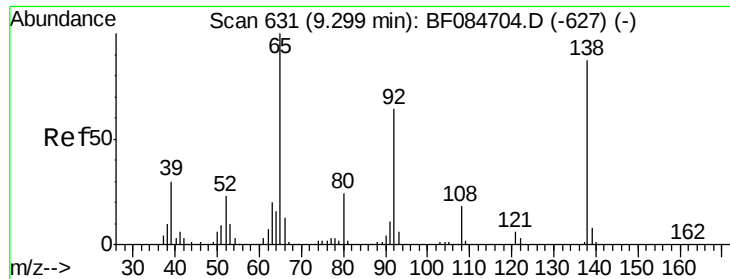
#46
 2-Chloronaphthalene
 Concen: 50.61 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion:162 Resp: 209878
 Ion Ratio Lower Upper
 162 100
 127 44.7 40.2 60.4
 164 32.2 25.7 38.5



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

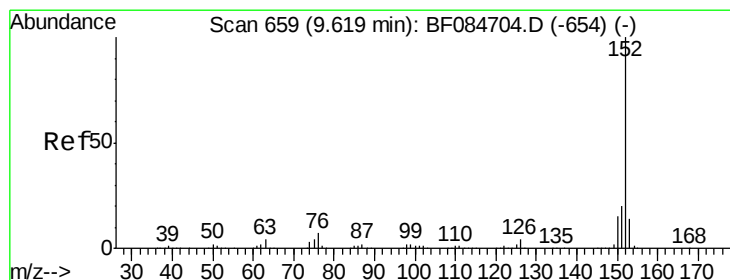
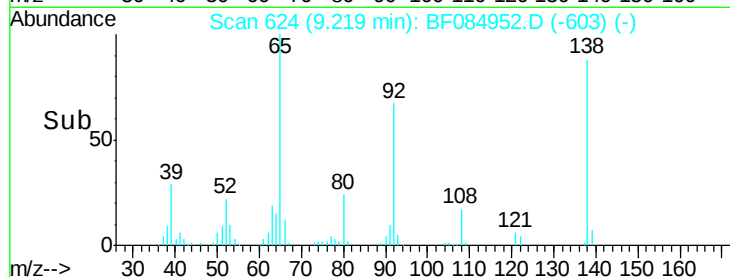
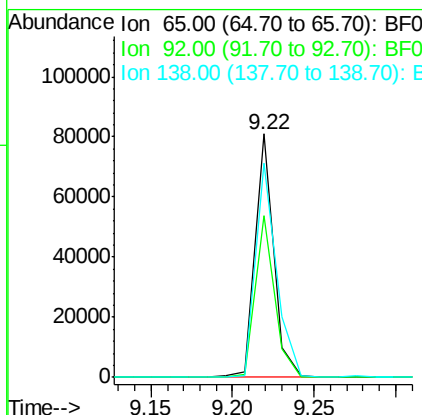
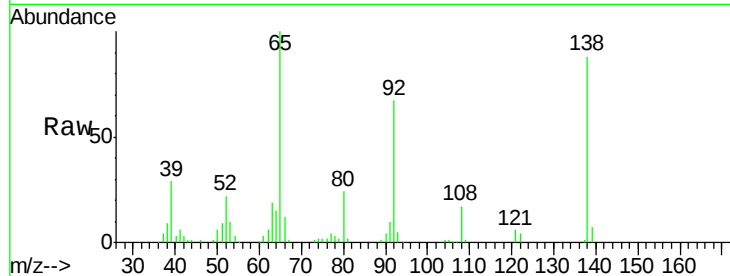




#47
2-Nitroaniline
Concen: 49.19 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

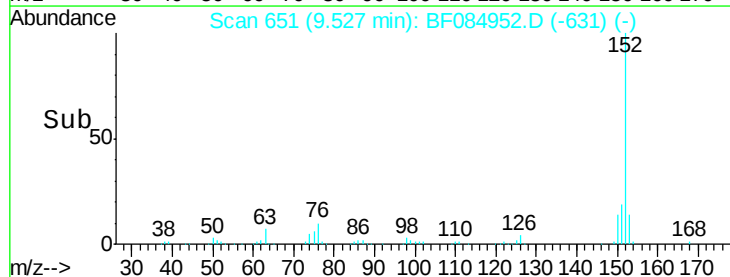
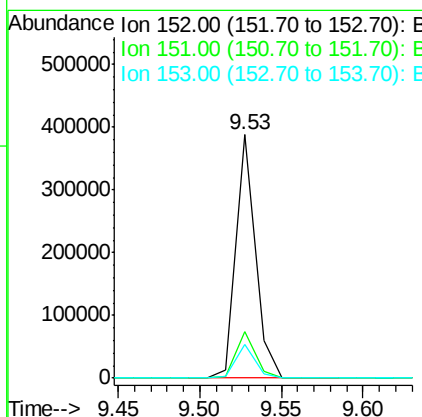
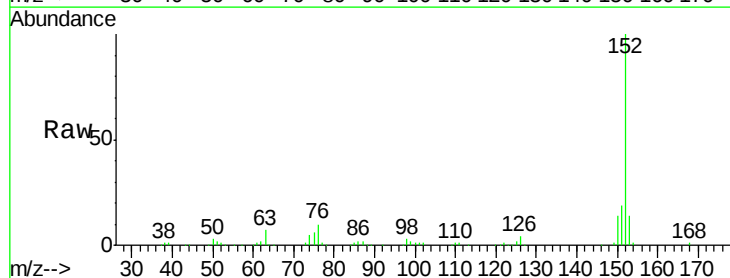
Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

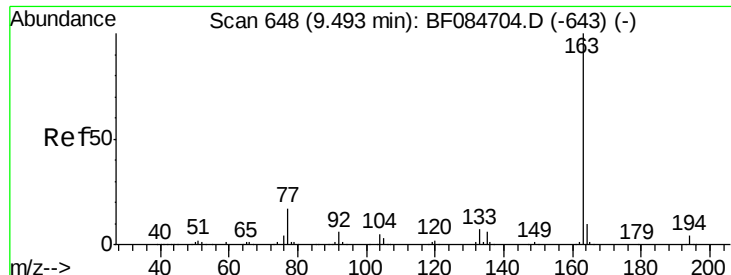
Tgt Ion: 65 Resp: 64587
Ion Ratio Lower Upper
65 100
92 66.6 53.4 80.2
138 88.2 71.1 106.7



#48
Acenaphthylene
Concen: 50.33 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.07 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion: 152 Resp: 316714
Ion Ratio Lower Upper
152 100
151 19.3 16.3 24.5
153 13.9 10.4 15.6

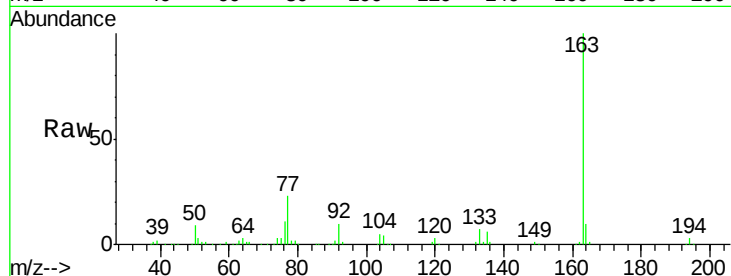




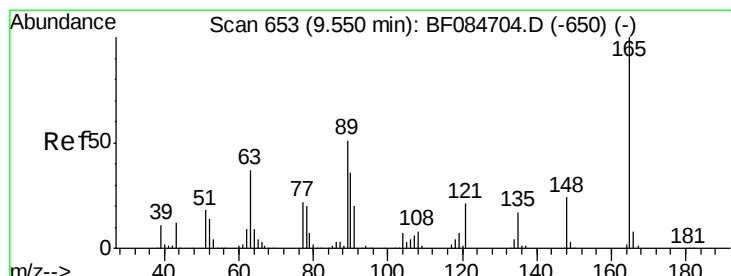
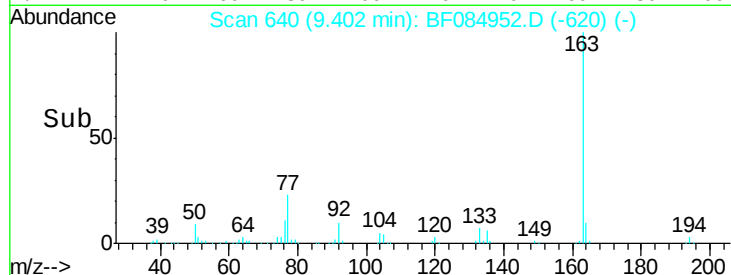
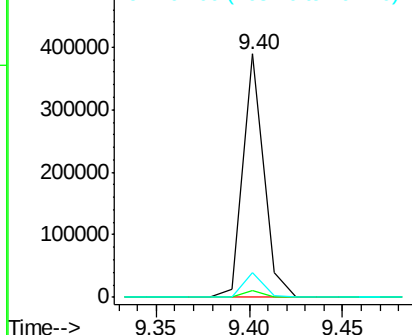
#49
Dimethylphthalate
Concen: 63.33 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.07 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion:163 Resp: 304083
Ion Ratio Lower Upper
163 100
194 3.0 8.0 12.0#
164 10.3 8.0 12.0

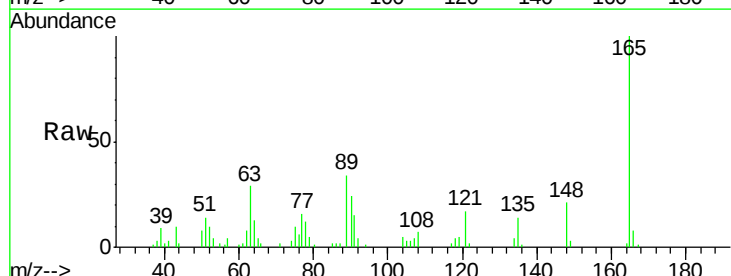


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

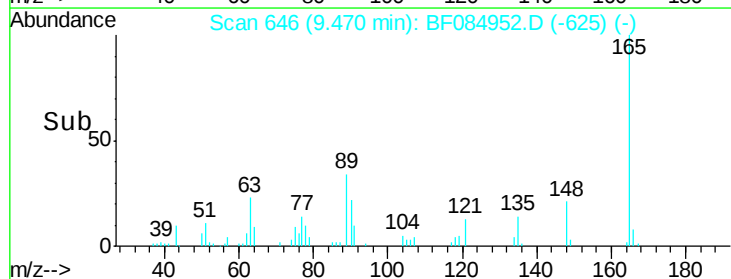
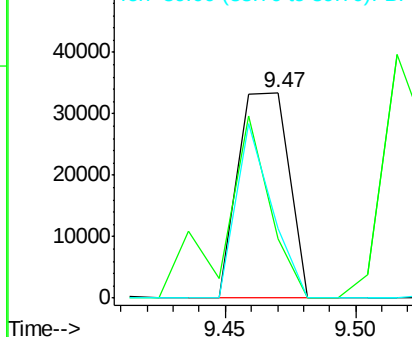


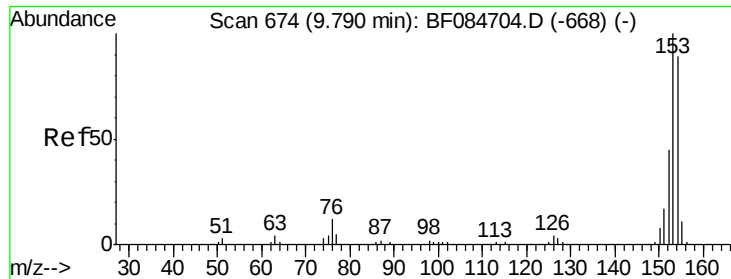
#50
2,6-Dinitrotoluene
Concen: 43.61 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion:165 Resp: 45740
Ion Ratio Lower Upper
165 100
63 29.1 28.8 43.2
89 33.9 35.1 52.7#



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: 49.09 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.07 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

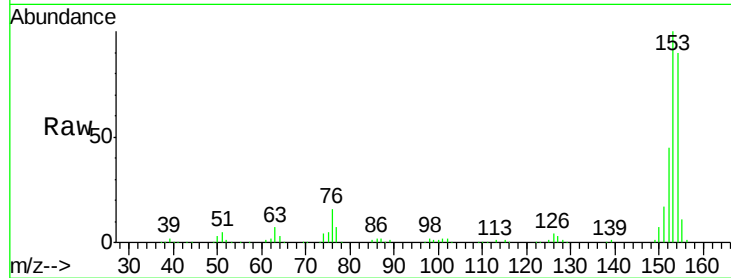
Tgt Ion:154 Resp: 200983

Ion Ratio Lower Upper

154 100

153 111.5 91.5 137.3

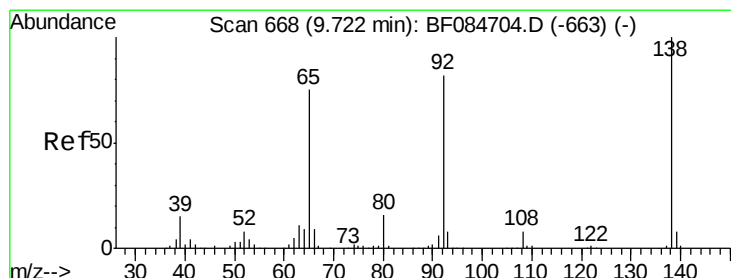
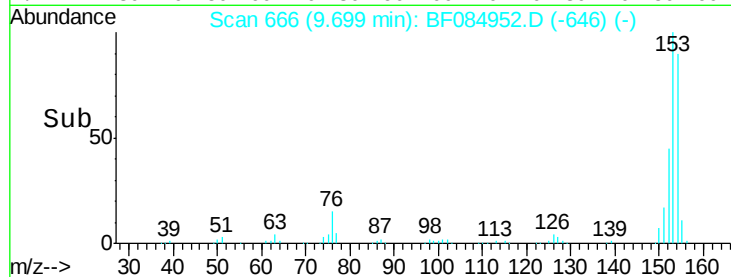
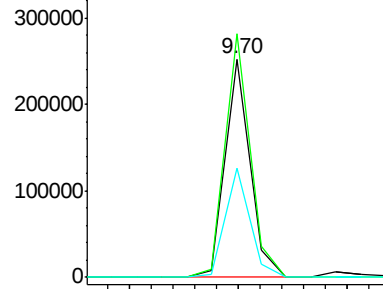
152 50.1 43.0 64.6



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: 36.21 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.07 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

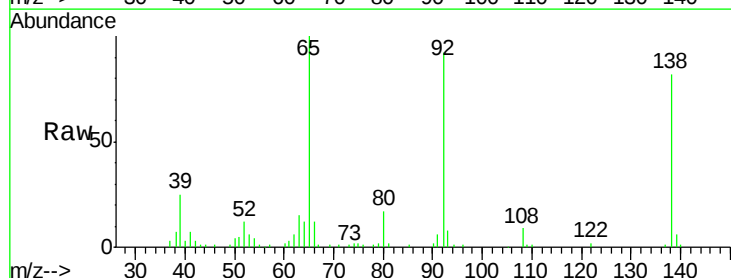
Tgt Ion:138 Resp: 42676

Ion Ratio Lower Upper

138 100

108 10.5 10.5 15.7

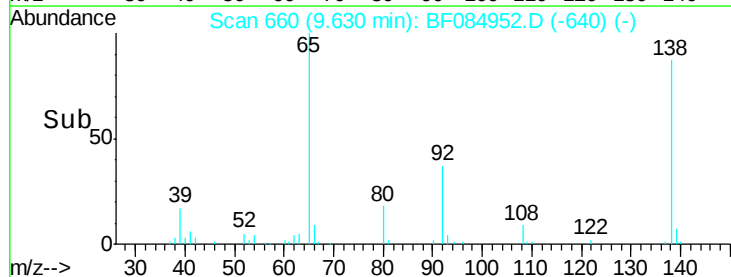
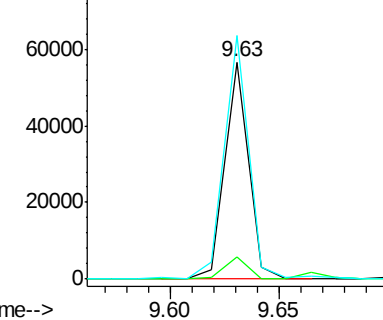
92 112.1 103.9 155.9

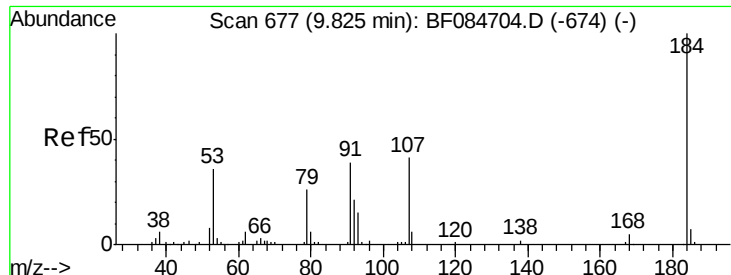


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

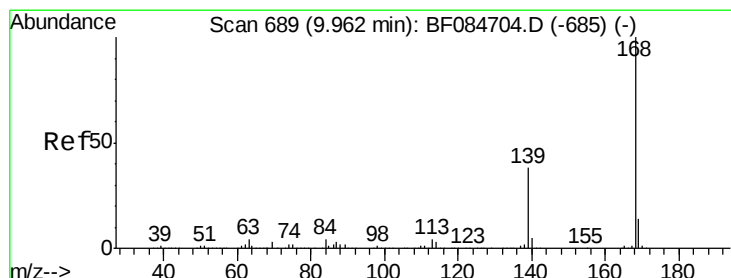
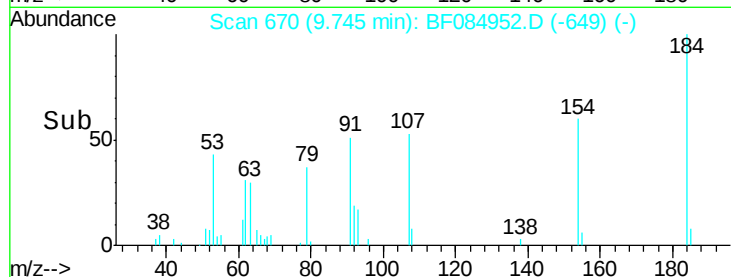
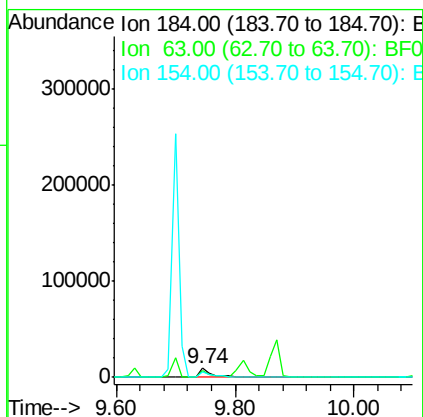
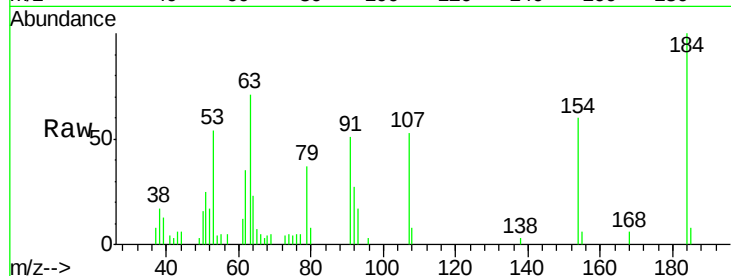




#53
 2,4-Dinitrophenol
 Concen: 40.46 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

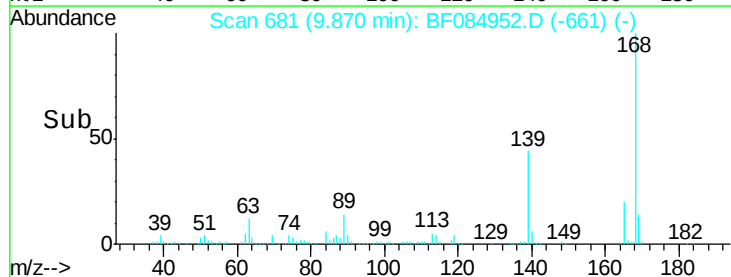
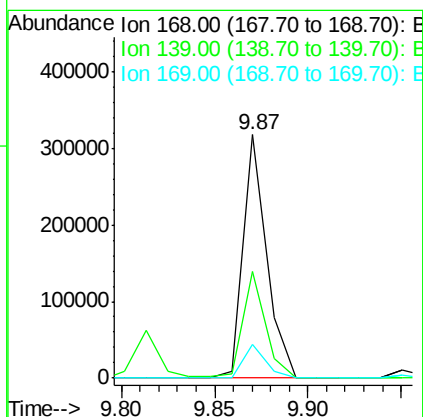
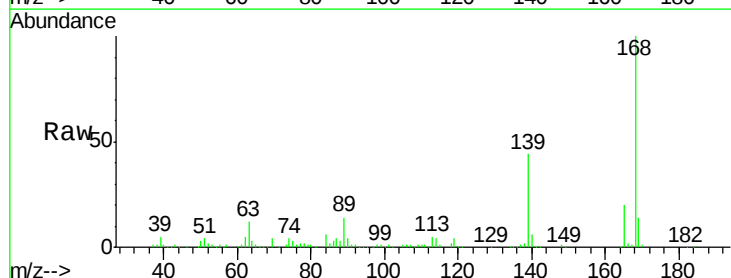
Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

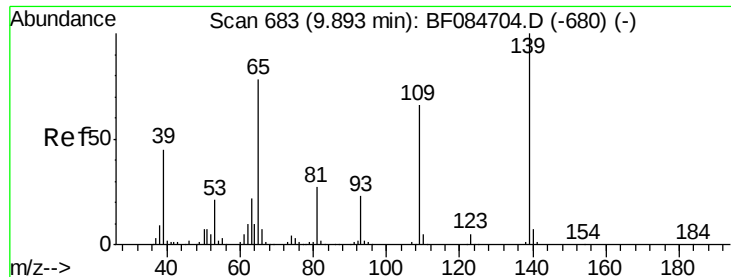
Tgt Ion:184 Resp: 18092
 Ion Ratio Lower Upper
 184 100
 63 70.9 43.1 64.7#
 154 60.0 60.5 90.7#



#54
 Dibenzofuran
 Concen: 55.57 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.07 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion:168 Resp: 278035
 Ion Ratio Lower Upper
 168 100
 139 44.1 30.5 45.7
 169 13.7 10.4 15.6





#55

4-Nitrophenol

Concen: 67.71 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

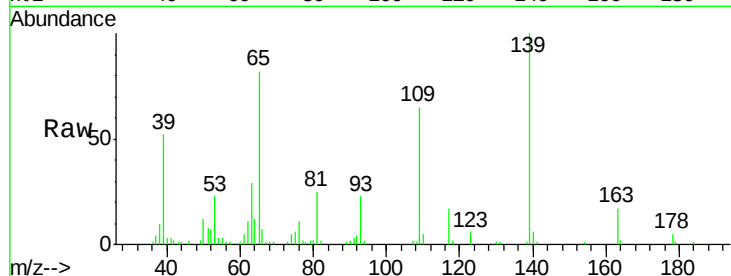
Tgt Ion:139 Resp: 58657

Ion Ratio Lower Upper

139 100

109 65.0 58.5 98.5

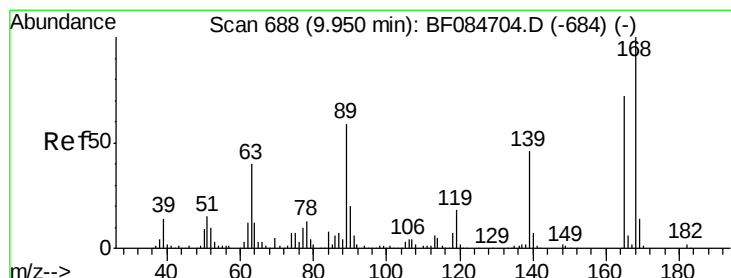
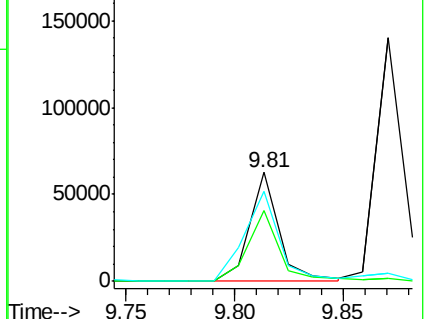
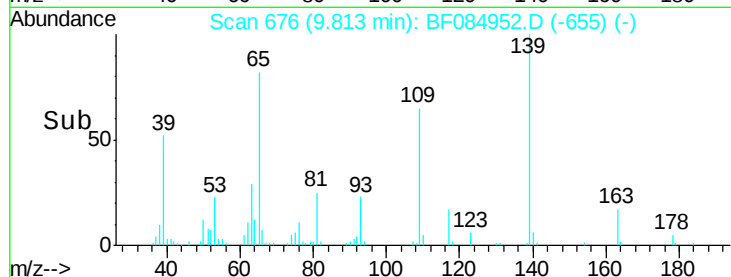
65 82.3 57.6 97.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.98 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Tgt Ion:165 Resp: 60184

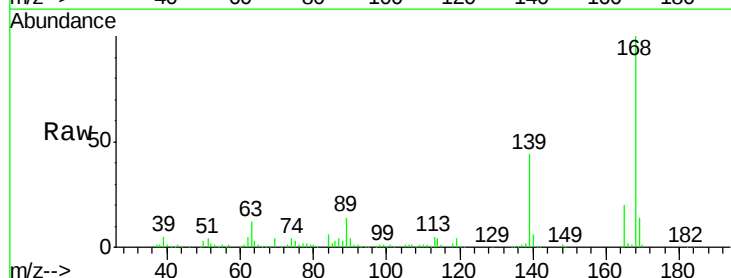
Ion Ratio Lower Upper

165 100

63 60.0 36.7 55.1#

89 68.5 61.9 92.9

182 1.9 2.0 3.0#

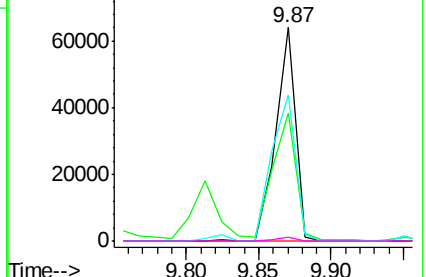
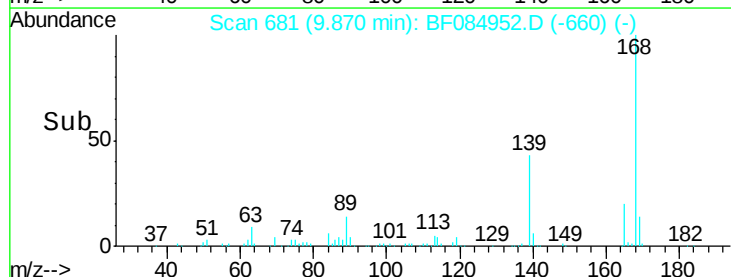


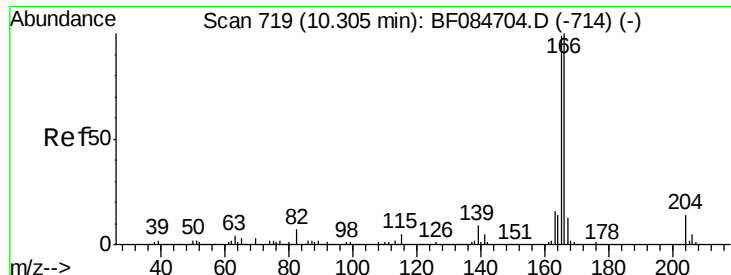
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

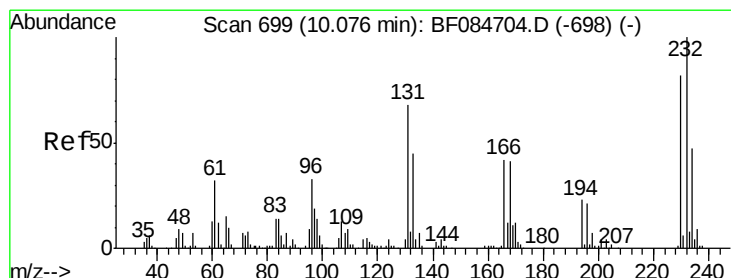
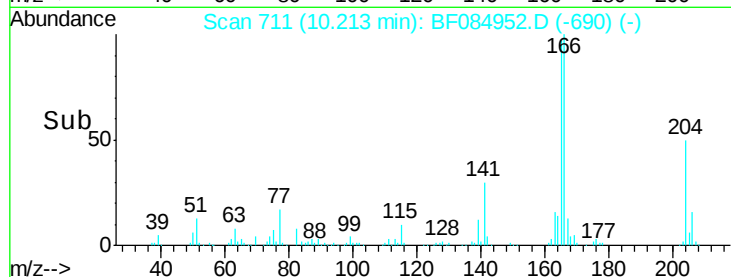
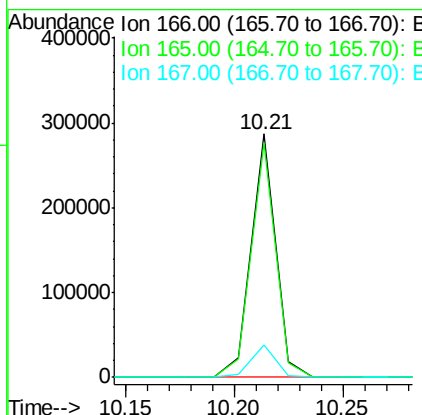
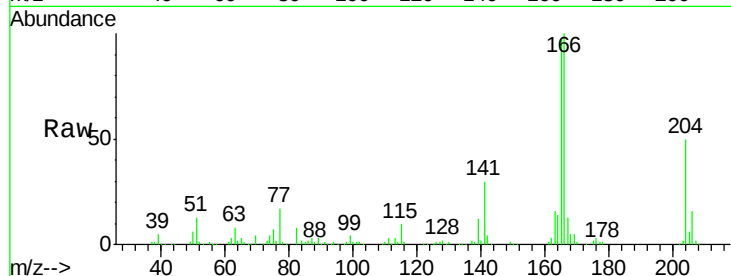




#57
 Fluorene
 Concen: 53.94 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

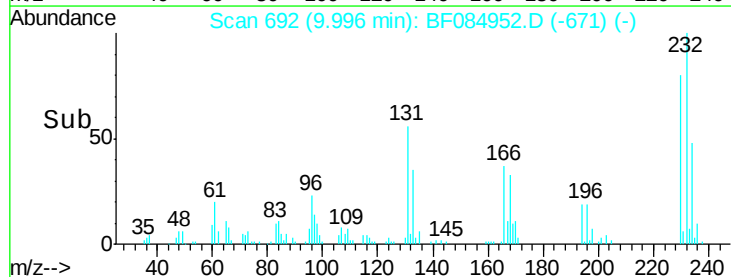
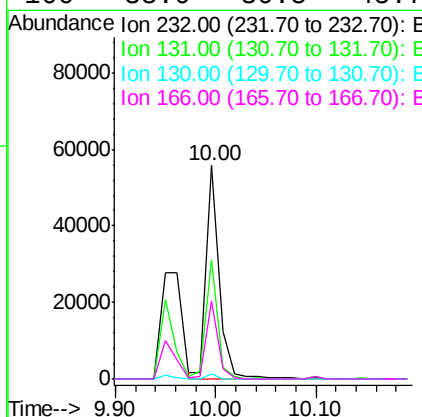
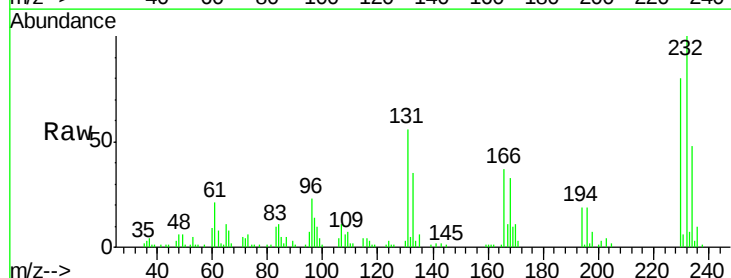
Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

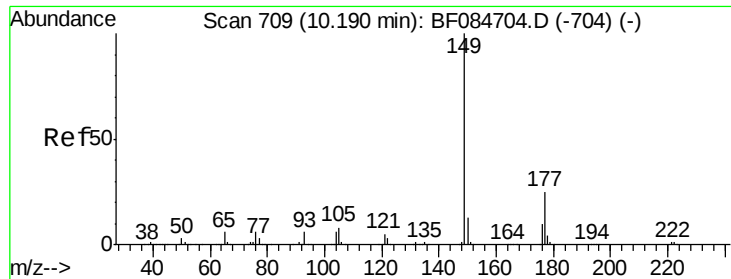
Tgt Ion:166 Resp: 225359
 Ion Ratio Lower Upper
 166 100
 165 96.5 79.1 118.7
 167 13.3 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.58 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion:232 Resp: 50463
 Ion Ratio Lower Upper
 232 100
 131 50.7 47.0 70.6
 130 1.9 2.0 3.0#
 166 33.0 30.5 45.7

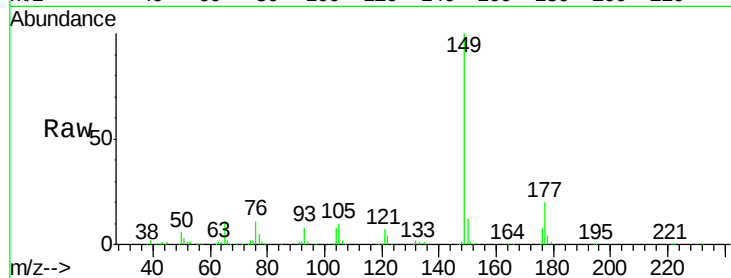




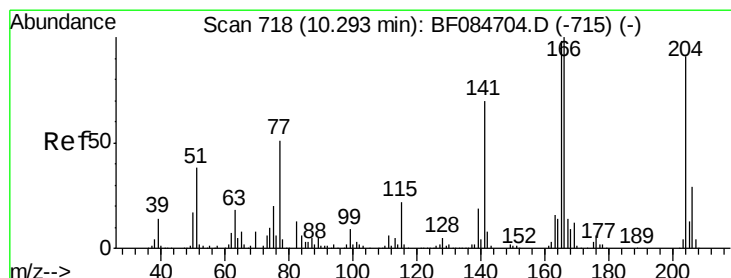
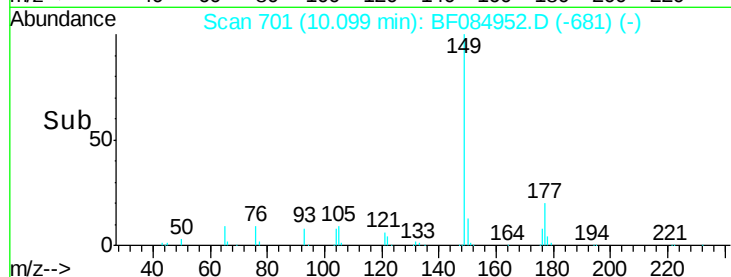
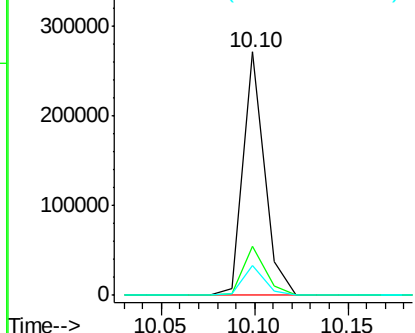
#59
Diethylphthalate
Concen: 46.53 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.07 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion:149 Resp: 218176
Ion Ratio Lower Upper
149 100
177 20.3 17.3 25.9
150 12.5 9.8 14.8

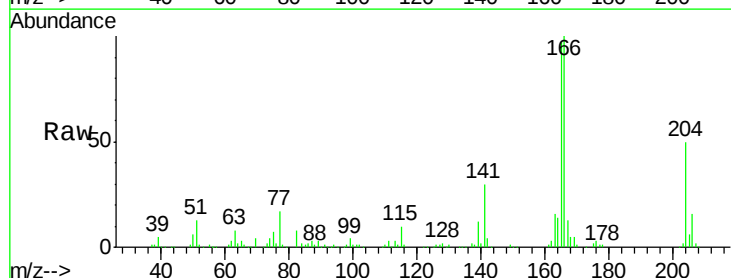


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

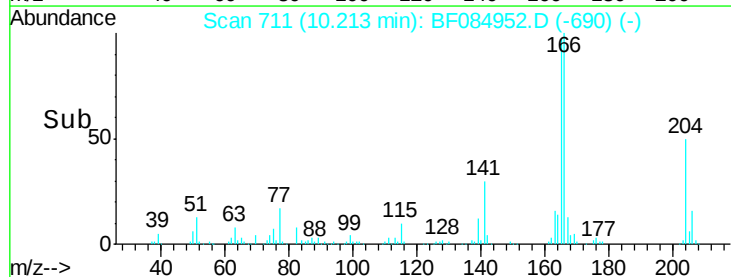
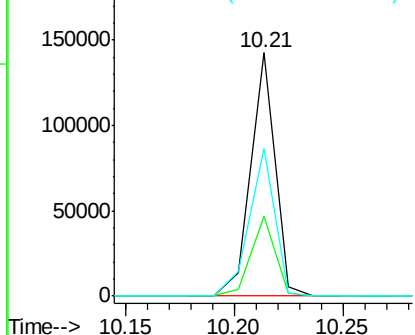


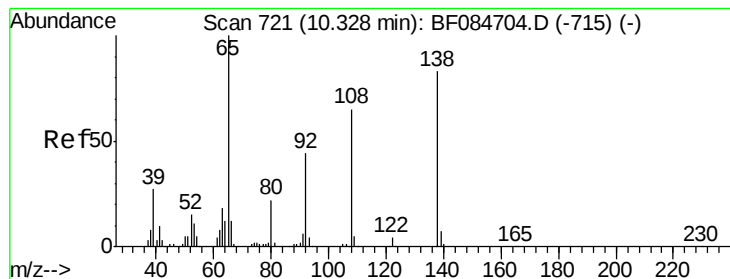
#60
4-Chlorophenyl-phenylether
Concen: 66.59 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion:204 Resp: 110765
Ion Ratio Lower Upper
204 100
206 32.6 25.7 38.5
141 60.8 55.1 82.7



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





#61

4-Nitroaniline

Concen: 42.39 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.07 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

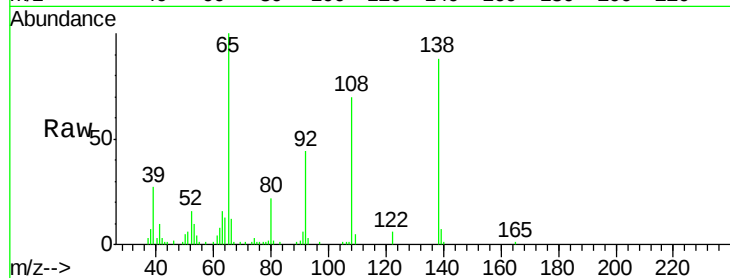
Tgt Ion: 138 Resp: 48685

Ion Ratio Lower Upper

138 100

92 49.8 32.6 72.6

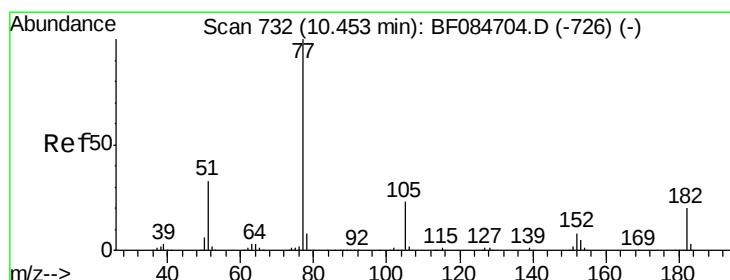
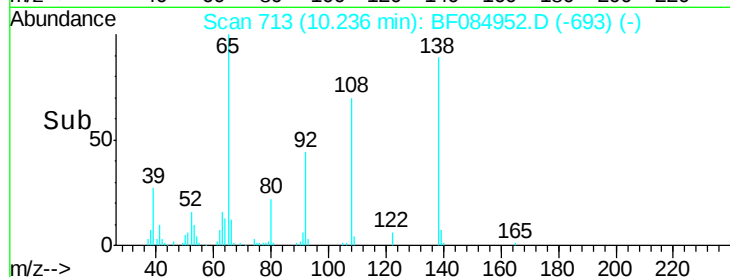
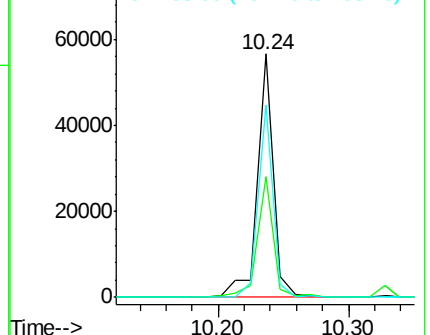
108 78.9 68.6 108.6



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: 50.57 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Tgt Ion: 77 Resp: 227975

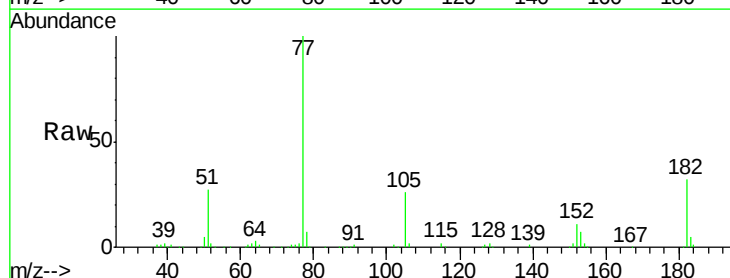
Ion Ratio Lower Upper

77 100

182 32.0 8.3 48.3

105 25.8 4.6 44.6

51 26.8 6.2 46.2

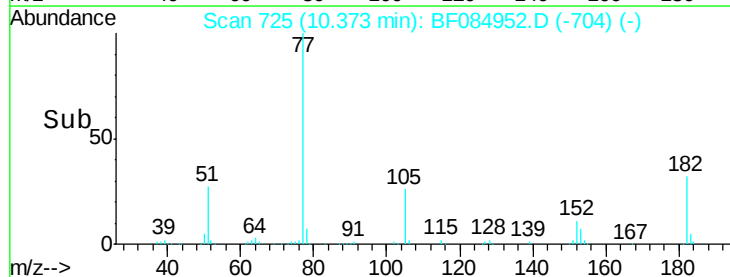
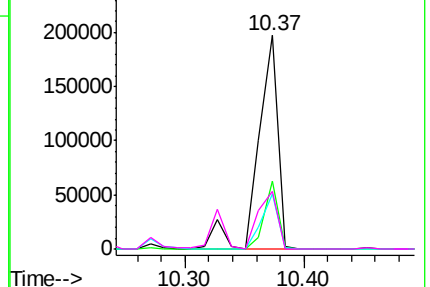


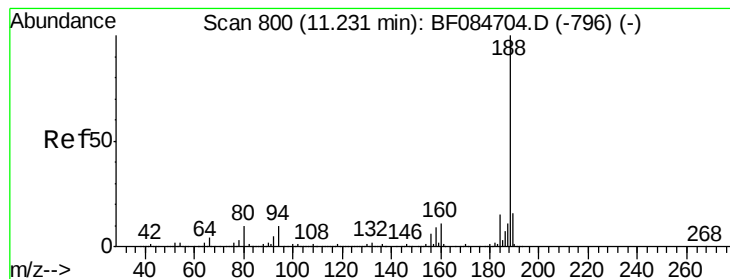
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.07 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

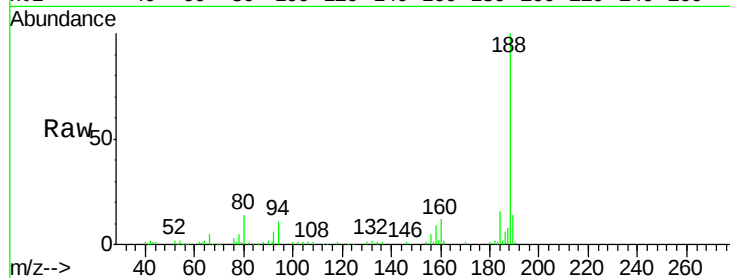
Tgt Ion:188 Resp: 101147

Ion Ratio Lower Upper

188 100

94 11.2 9.0 13.4

80 14.2 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

120000

100000

80000

60000

40000

20000

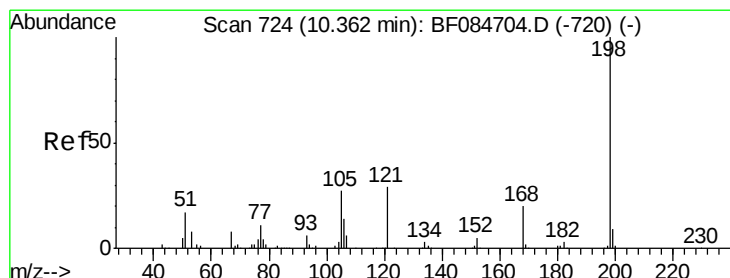
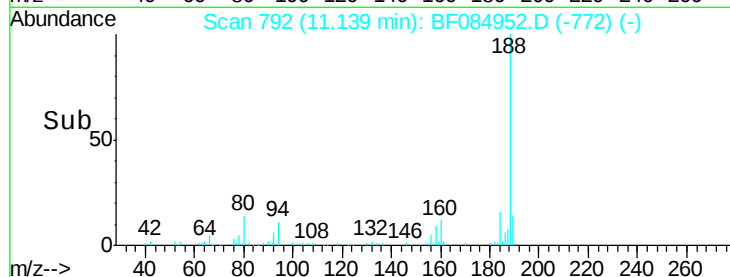
0

11.14

11.10

11.15

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 29.52 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.07 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

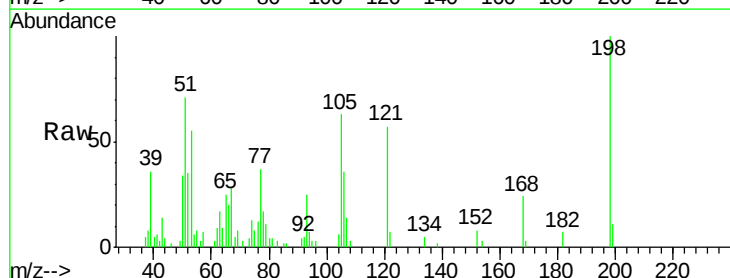
Tgt Ion:198 Resp: 18429

Ion Ratio Lower Upper

198 100

51 71.1 18.9 58.9#

105 63.0 26.4 66.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

60000

40000

20000

0

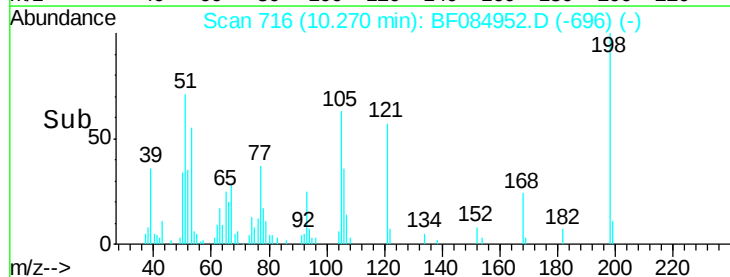
10.27

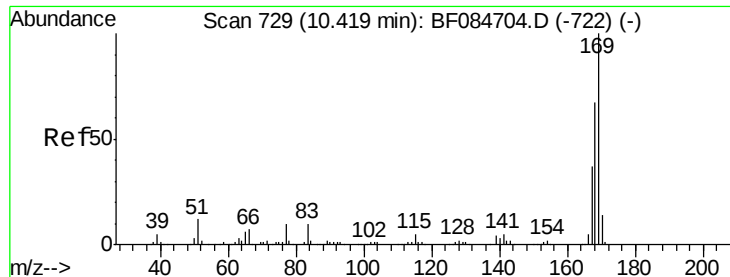
10.20

10.30

10.40

Time-->

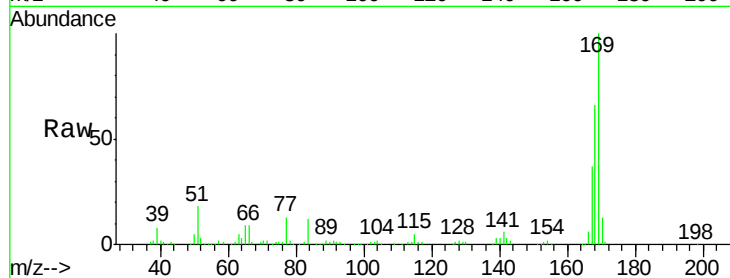




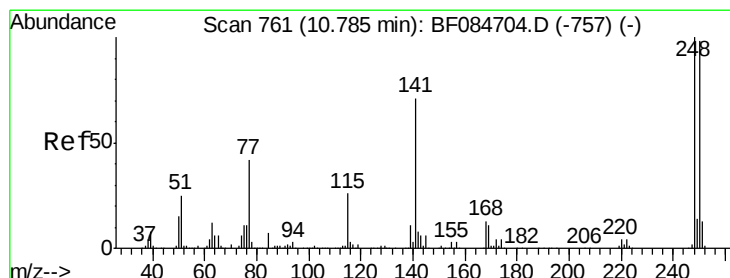
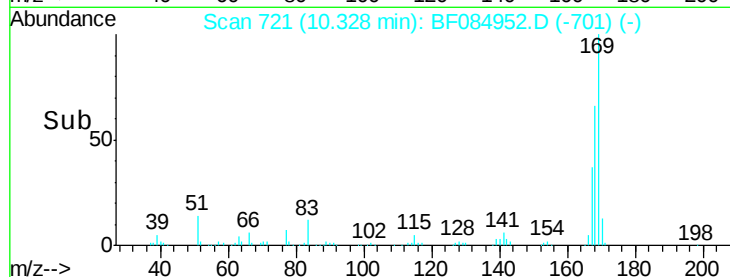
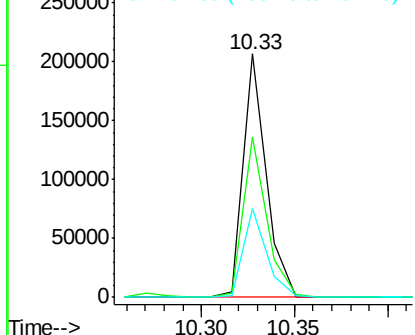
#65
 n-Nitrosodiphenylamine
 Concen: 55.25 ng
 RT: 10.33 min Scan# 721
 Delta R.T. -0.07 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion:169 Resp: 177458
 Ion Ratio Lower Upper
 169 100
 168 65.7 55.1 82.7
 167 36.6 30.0 45.0

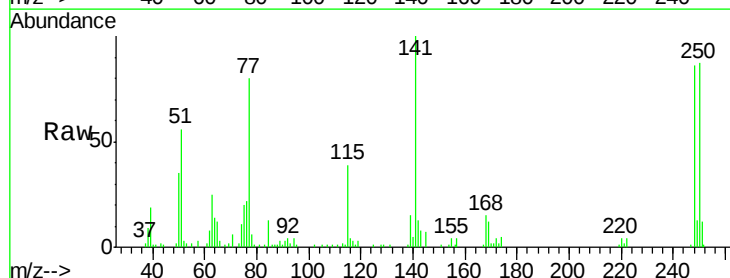


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

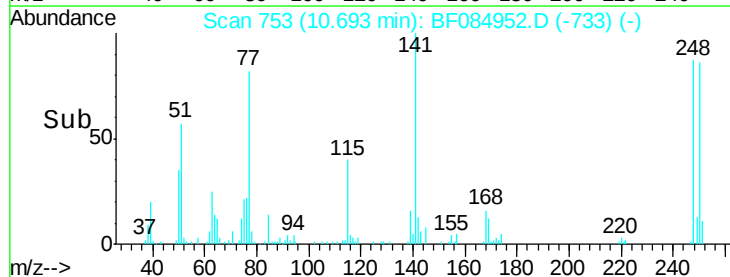
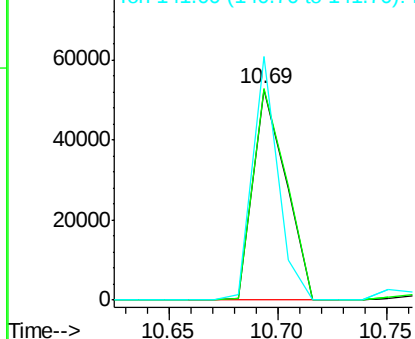


#66
 4-Bromophenyl-phenylether
 Concen: 49.55 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.07 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion:248 Resp: 55358
 Ion Ratio Lower Upper
 248 100
 250 100.8 78.4 117.6
 141 115.7 44.0 66.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

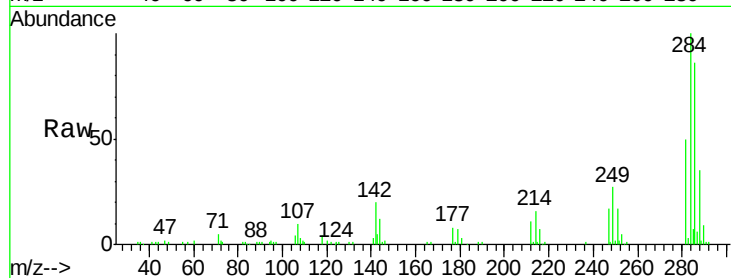




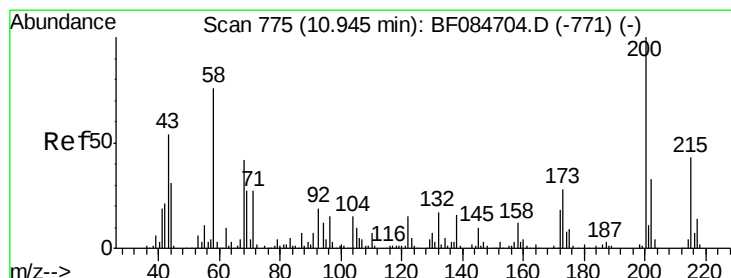
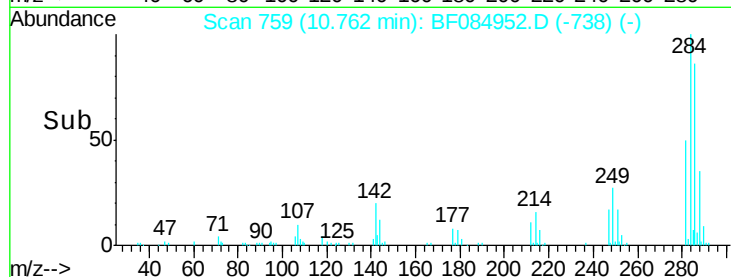
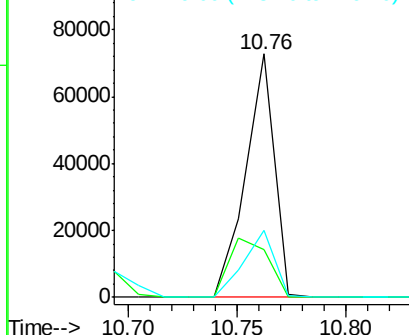
#67
Hexachlorobenzene
Concen: 54.87 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion:284 Resp: 66790
Ion Ratio Lower Upper
284 100
142 19.6 22.2 33.4#
249 27.3 24.6 37.0

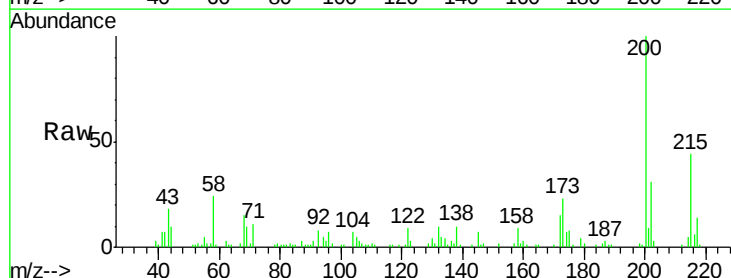


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

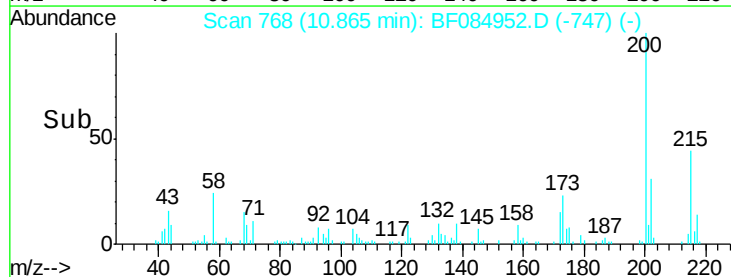
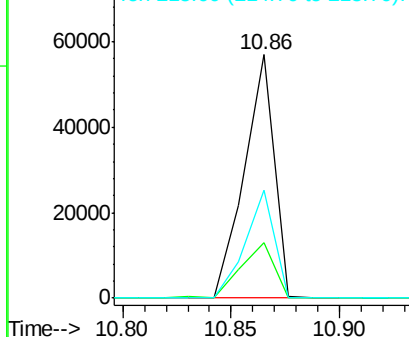


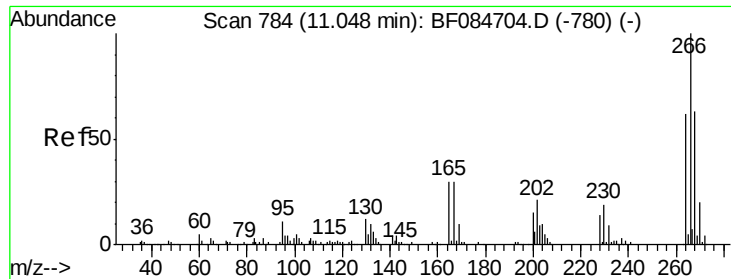
#68
Atrazine
Concen: 53.39 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.06 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion:200 Resp: 54155
Ion Ratio Lower Upper
200 100
173 22.7 9.5 49.5
215 44.2 23.8 63.8



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

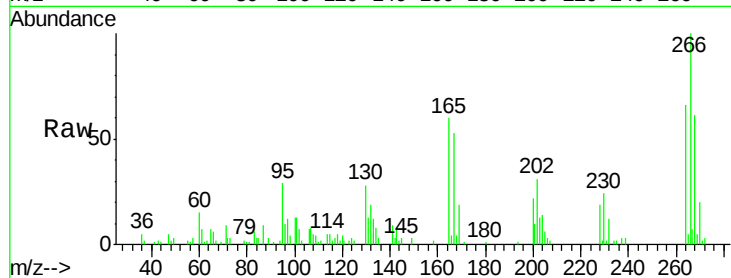




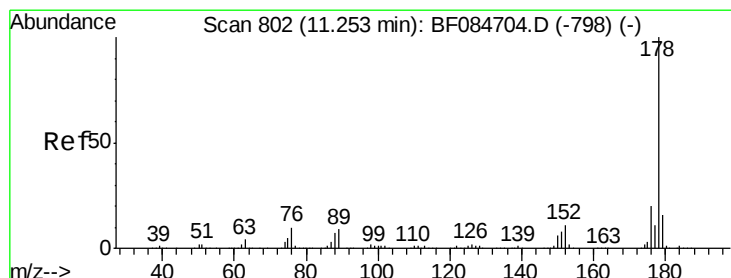
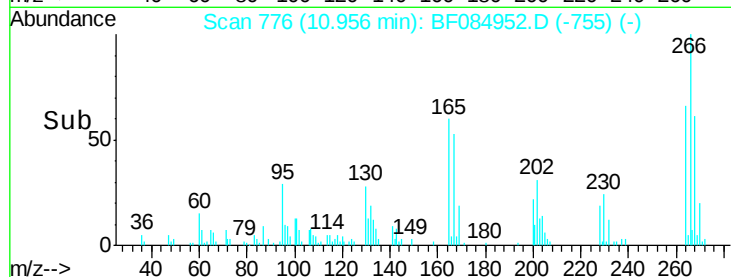
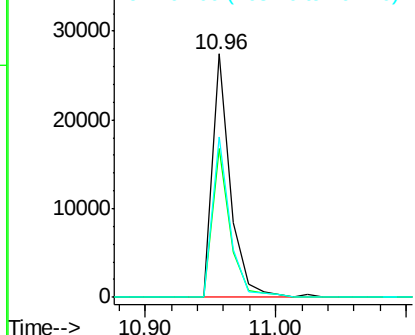
#69
 Pentachlorophenol
 Concen: 46.41 ng
 RT: 10.96 min Scan# 776
 Delta R.T. -0.06 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion:266 Resp: 26553
 Ion Ratio Lower Upper
 266 100
 268 61.3 52.4 78.6
 264 66.0 50.2 75.2

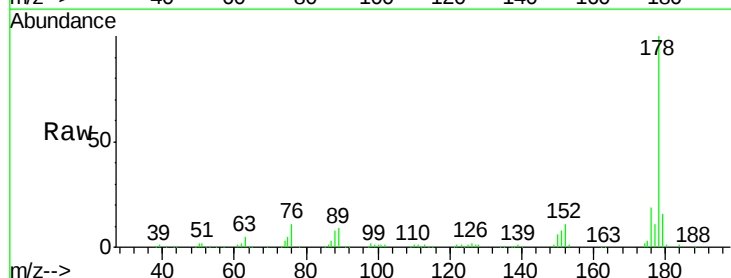


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

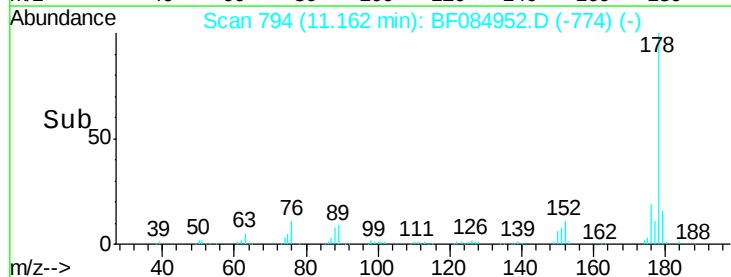
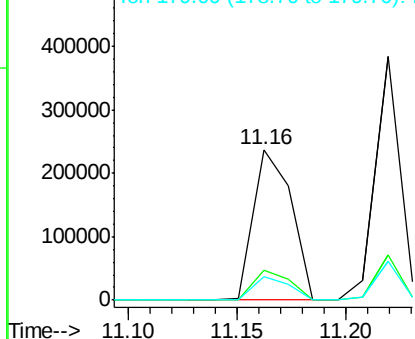


#70
 Phenanthrene
 Concen: 51.59 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.07 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion:178 Resp: 289442
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.3 22.9
 179 15.8 12.0 18.0



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

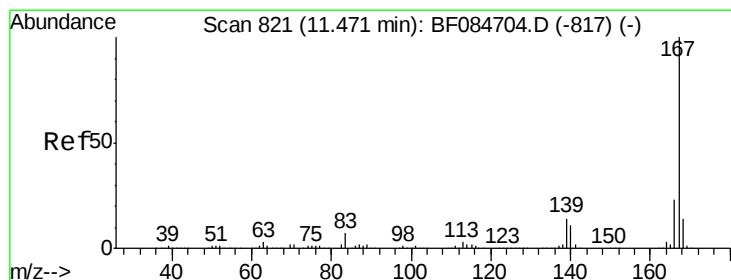
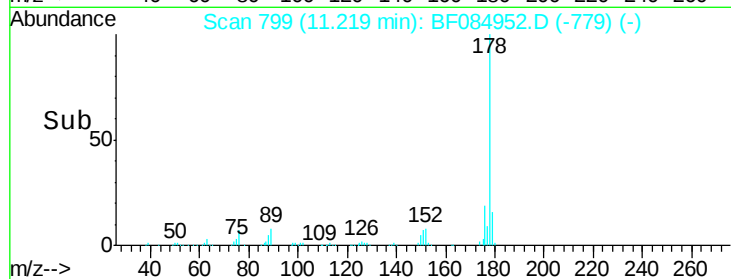
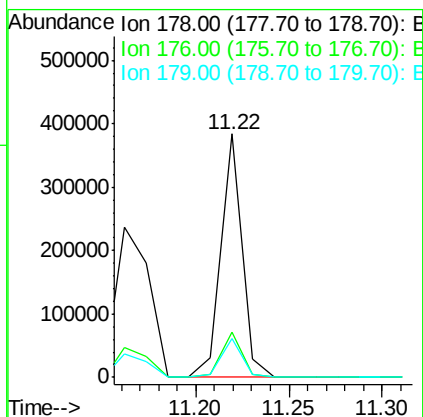
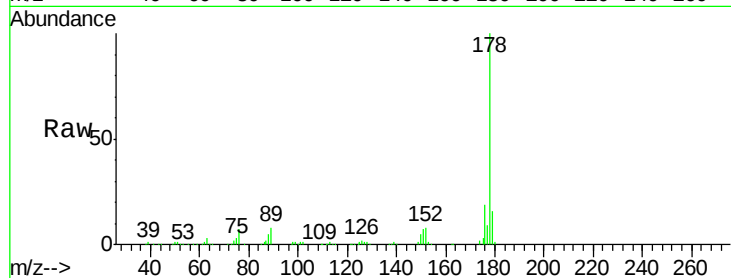




#71
 Anthracene
 Concen: 54.22 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.07 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

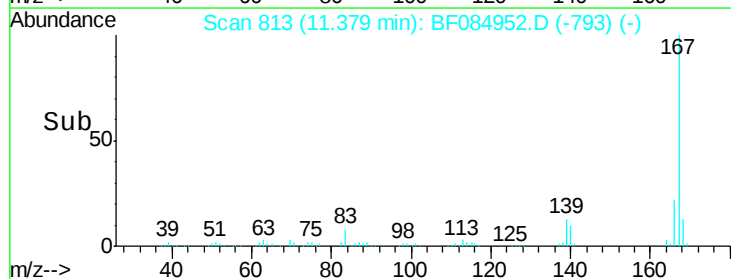
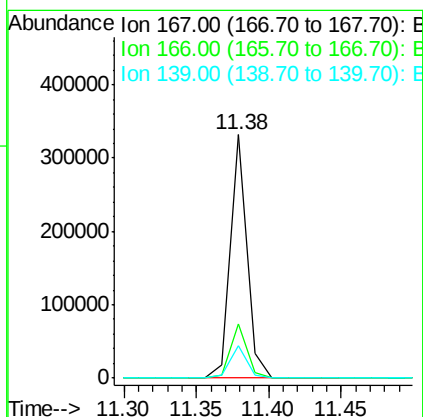
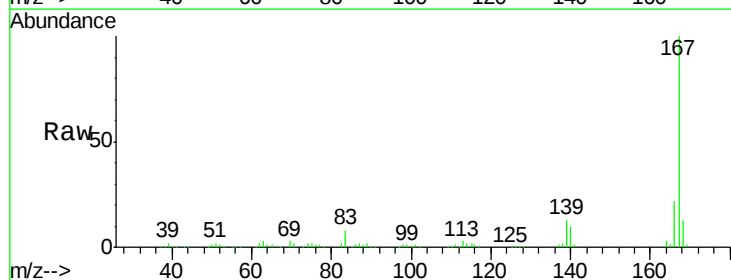
Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

Tgt Ion:178 Resp: 306492
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.0
 179 16.0 12.5 18.7



#72
 Carbazole
 Concen: 53.68 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.07 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion:167 Resp: 264603
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.2 11.8 17.8





#73

Di-n-butylphthalate

Concen: 50.57 ng

RT: 11.72 min Scan# 843

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

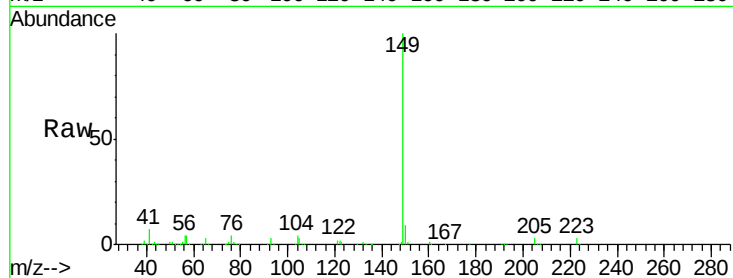
Tgt Ion:149 Resp: 317370

Ion Ratio Lower Upper

149 100

150 8.8 7.1 10.7

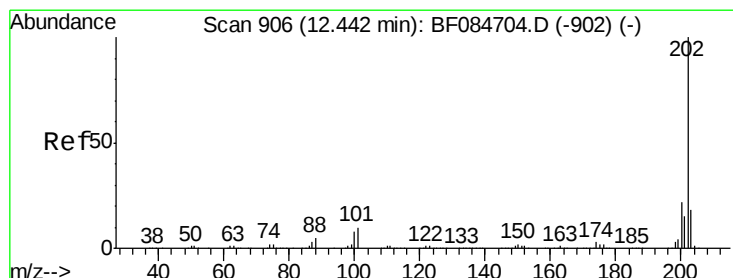
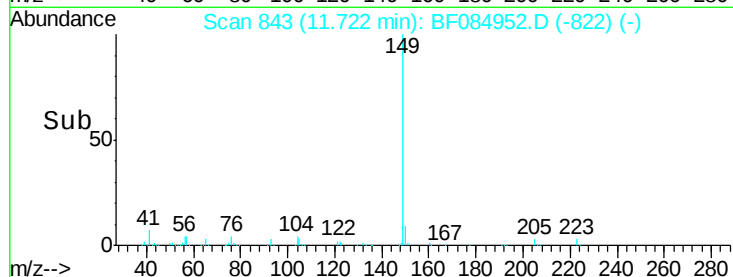
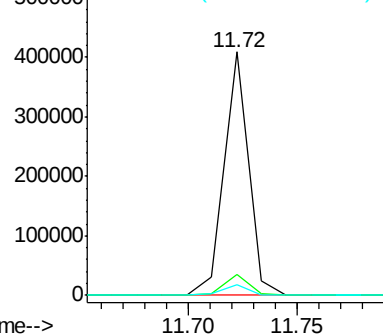
104 4.4 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 51.43 ng

RT: 12.35 min Scan# 898

Delta R.T. -0.07 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

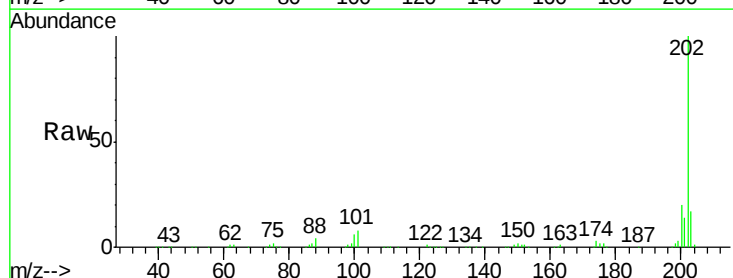
Tgt Ion:202 Resp: 292008

Ion Ratio Lower Upper

202 100

101 8.2 0.0 32.8

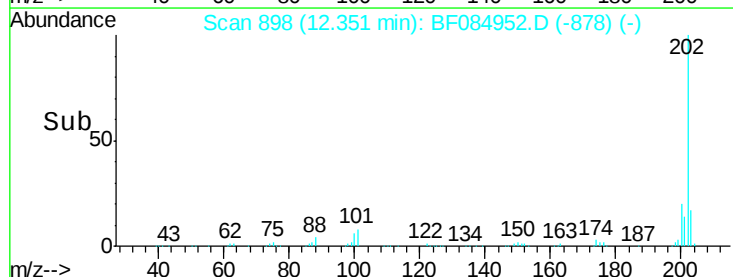
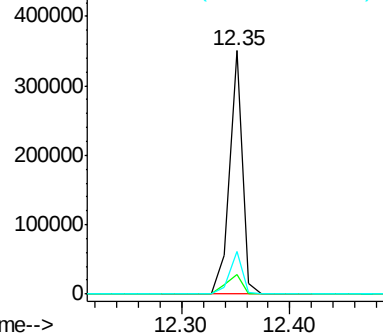
203 17.3 0.0 37.9

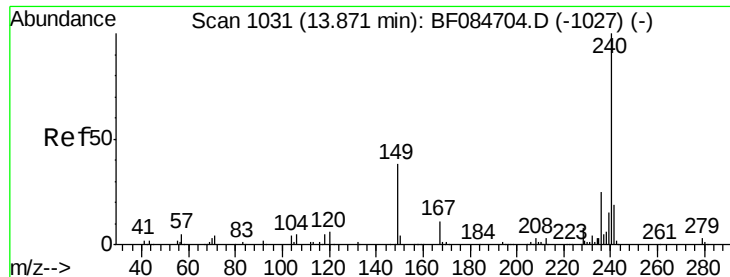


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

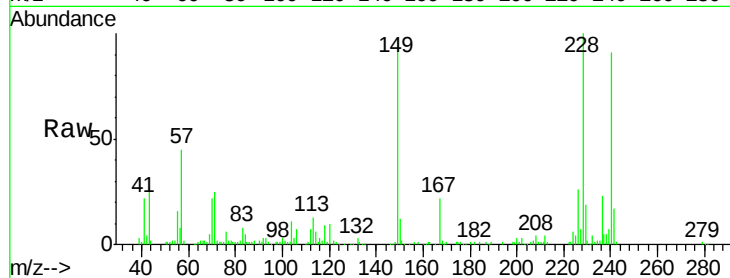
Tgt Ion:240 Resp: 85021

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

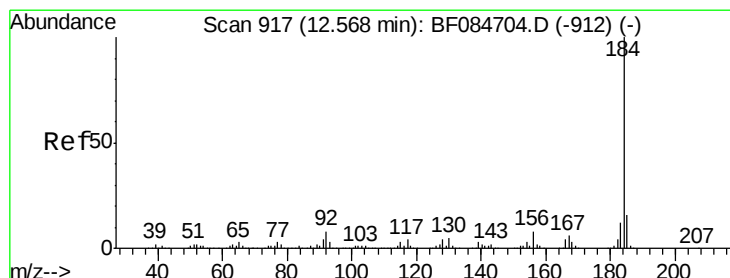
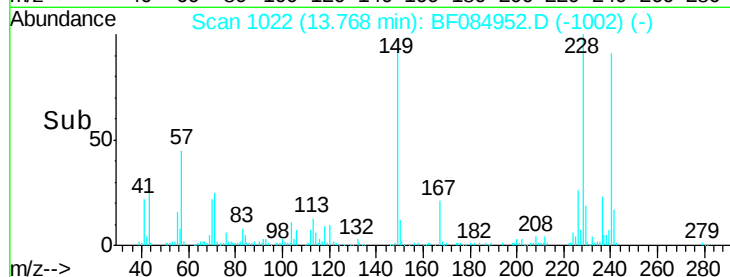
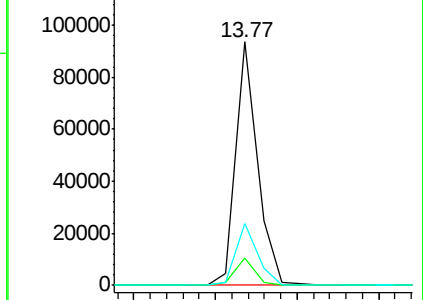
236 25.6 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.09 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.07 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

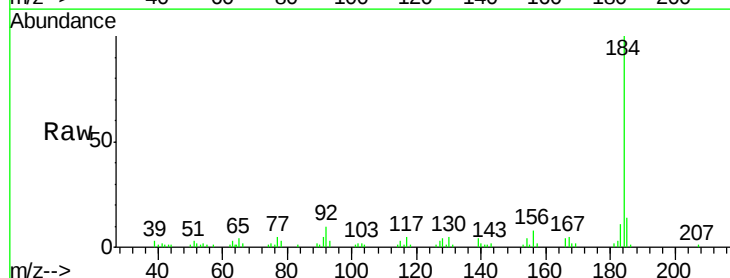
Tgt Ion:184 Resp: 55090

Ion Ratio Lower Upper

184 100

185 13.8 12.2 18.2

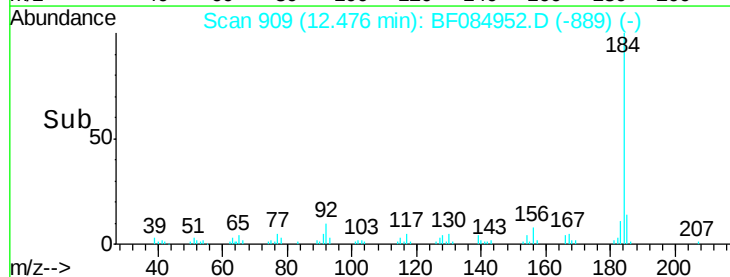
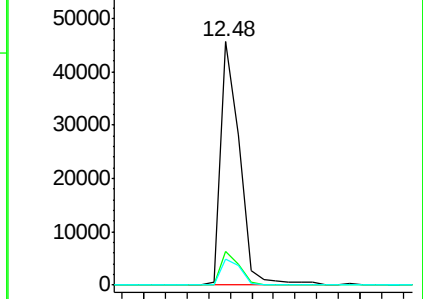
183 10.6 9.8 14.8

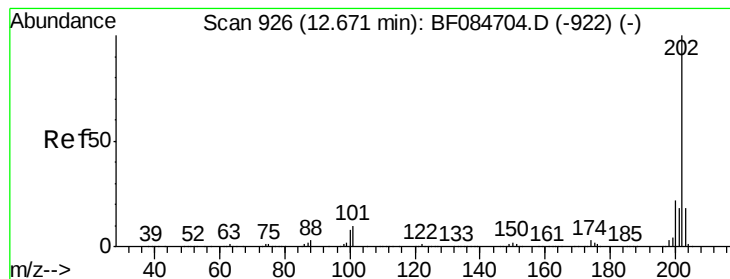


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.81 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

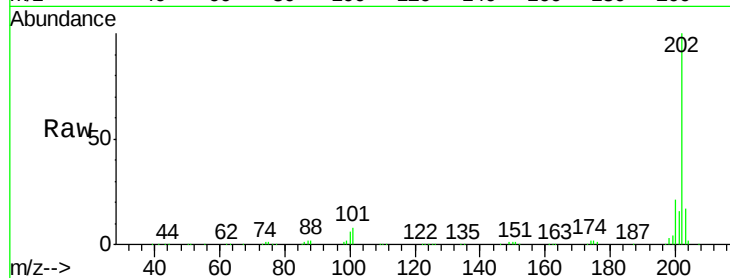
Tgt Ion: 202 Resp: 285160

Ion Ratio Lower Upper

202 100

200 20.6 17.2 25.8

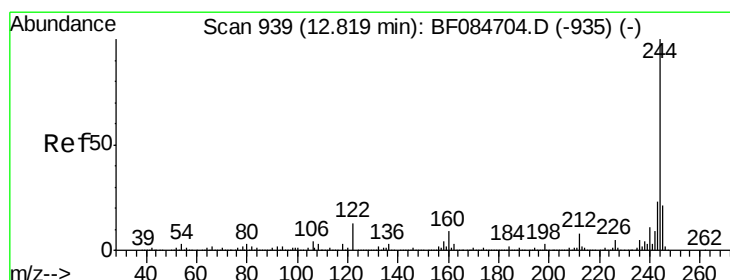
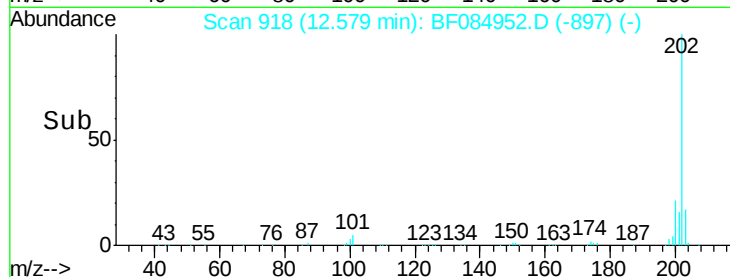
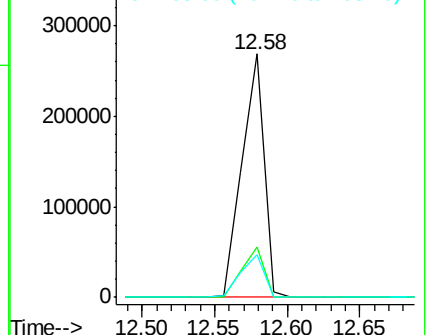
203 17.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.36 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.07 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

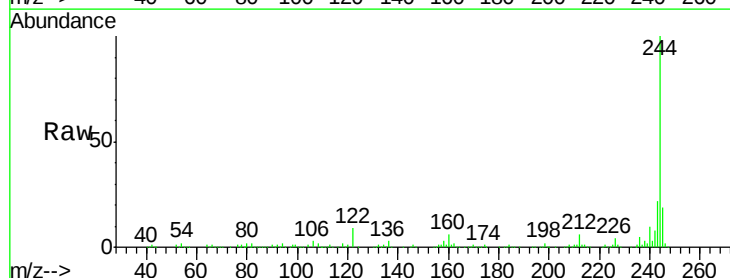
Tgt Ion: 244 Resp: 354047

Ion Ratio Lower Upper

244 100

212 6.3 5.7 8.5

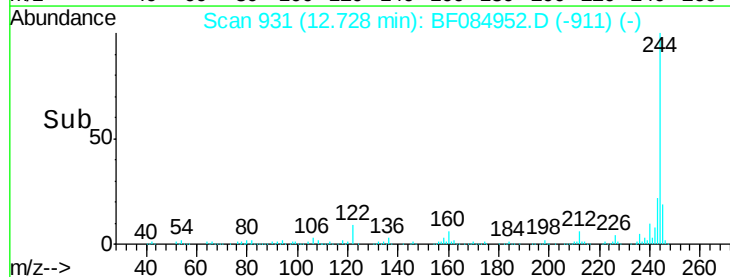
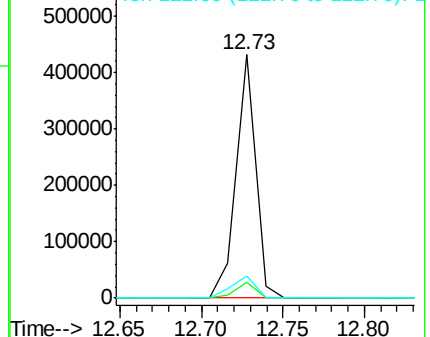
122 9.0 7.4 11.0

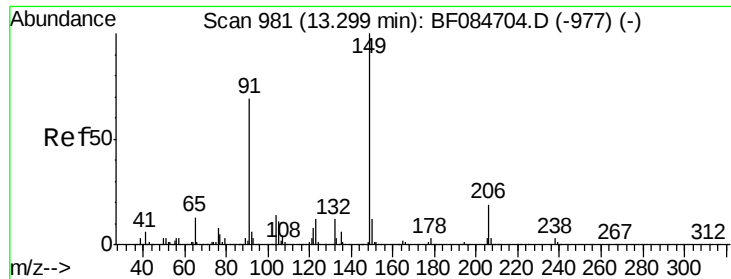


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

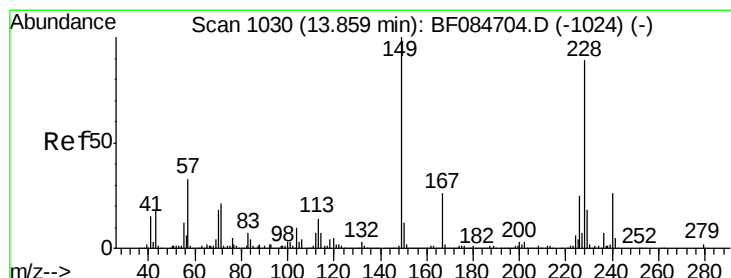
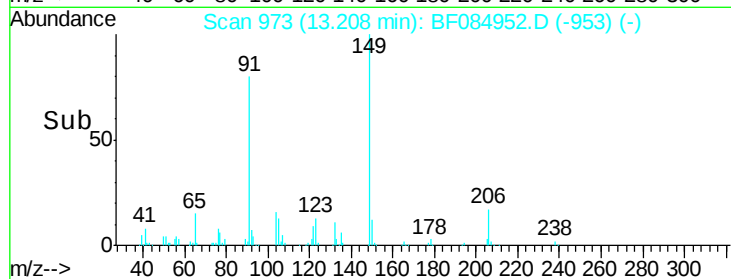
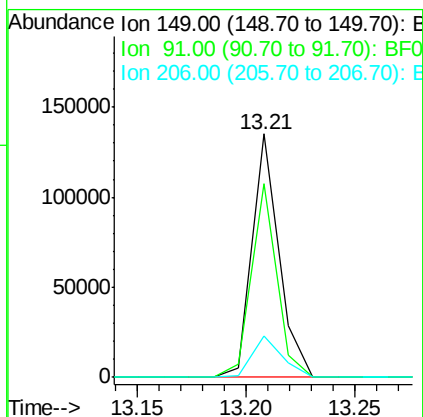
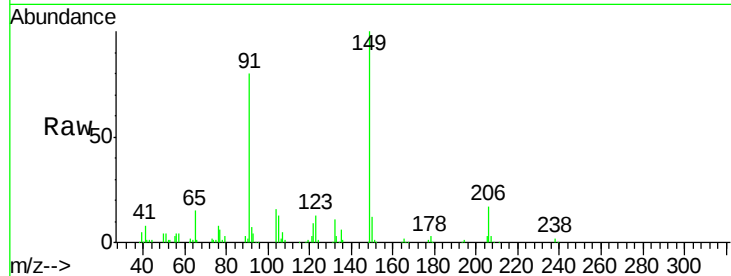




#79
Butylbenzylphthalate
Concen: 39.41 ng
RT: 13.21 min Scan# 973
Delta R.T. -0.07 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

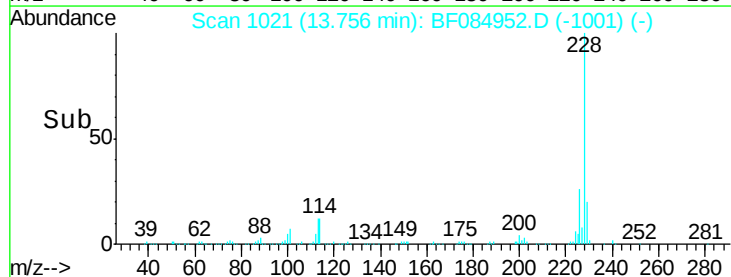
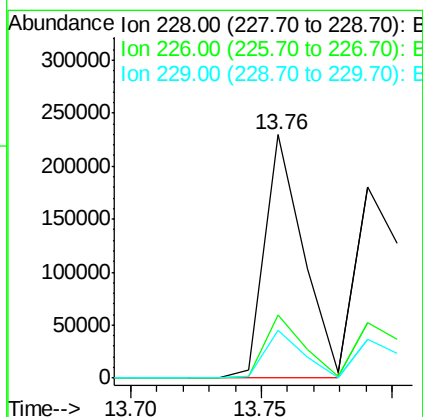
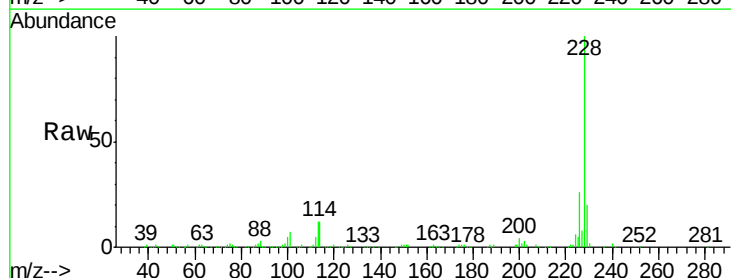
Instrument :
BNA_F
ClientSampleId :
SB03-2-3MSD

Tgt Ion:149 Resp: 116367
Ion Ratio Lower Upper
149 100
91 79.7 57.6 86.4
206 16.7 13.2 19.8



#80
Benzo(a)anthracene
Concen: 45.03 ng
RT: 13.76 min Scan# 1021
Delta R.T. -0.07 min
Lab File: BF084952.D
Acq: 9 Feb 2016 15:18

Tgt Ion:228 Resp: 237639
Ion Ratio Lower Upper
228 100
226 25.9 21.8 32.6
229 19.5 15.8 23.8

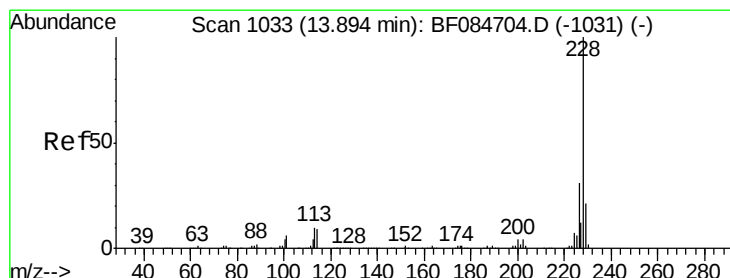
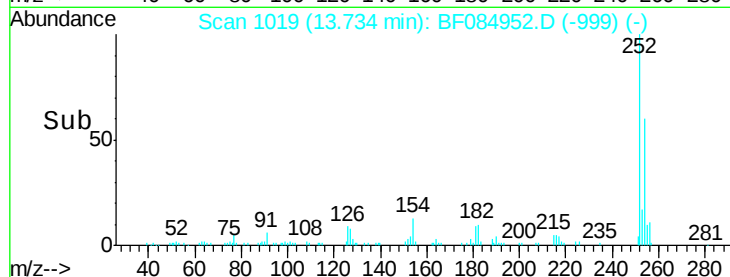
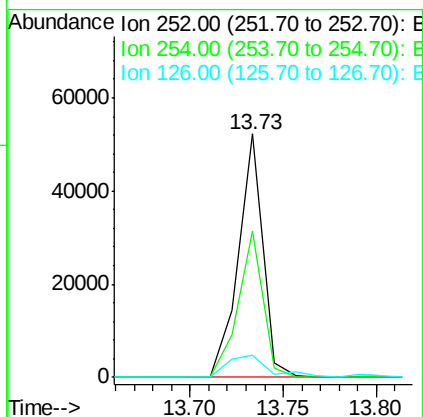
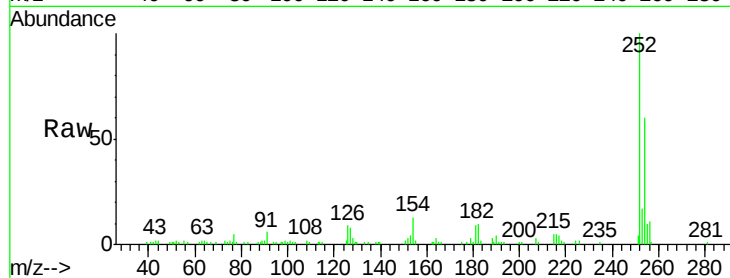




#81
 3,3'-Dichlorobenzidine
 Concen: 25.77 ng
 RT: 13.73 min Scan# 1019
 Delta R.T. -0.07 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

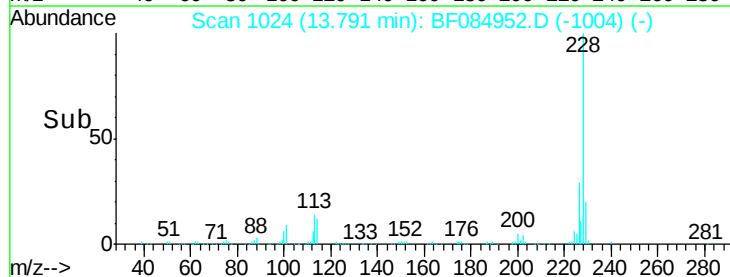
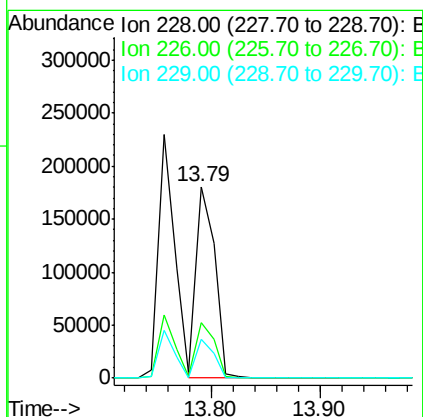
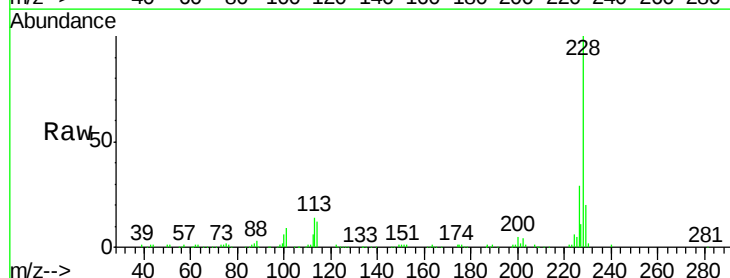
Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MSD

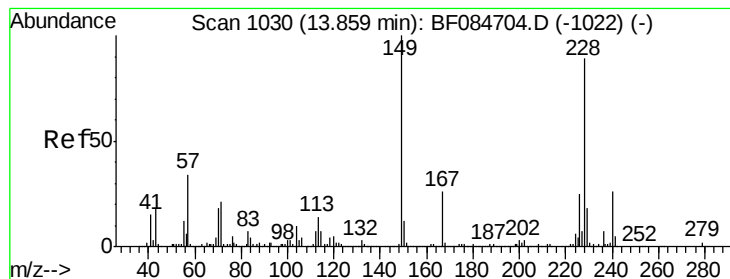
Tgt Ion:252 Resp: 48150
 Ion Ratio Lower Upper
 252 100
 254 60.3 53.5 80.3
 126 9.2 4.9 7.3#



#82
 Chrysene
 Concen: 42.39 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.07 min
 Lab File: BF084952.D
 Acq: 9 Feb 2016 15:18

Tgt Ion:228 Resp: 216911
 Ion Ratio Lower Upper
 228 100
 226 29.1 24.3 36.5
 229 20.5 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.68 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

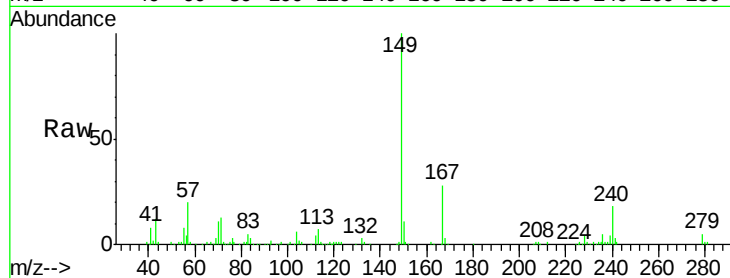
Tgt Ion:149 Resp: 164203

Ion Ratio Lower Upper

149 100

167 27.7 19.7 29.5

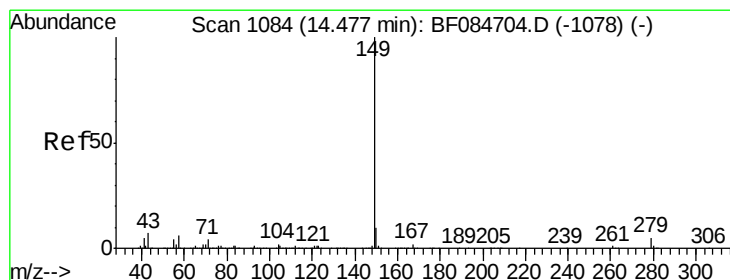
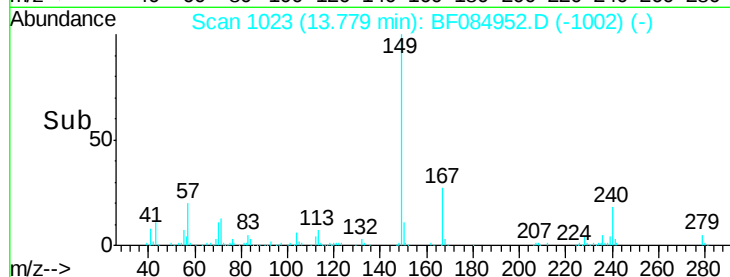
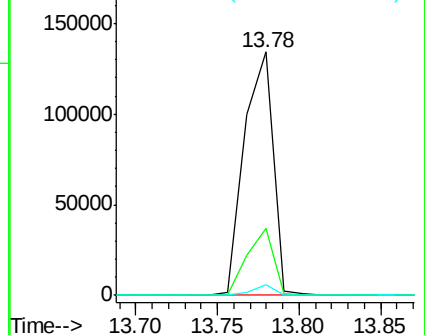
279 4.6 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.02 ng

RT: 14.39 min Scan# 1076

Delta R.T. -0.06 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

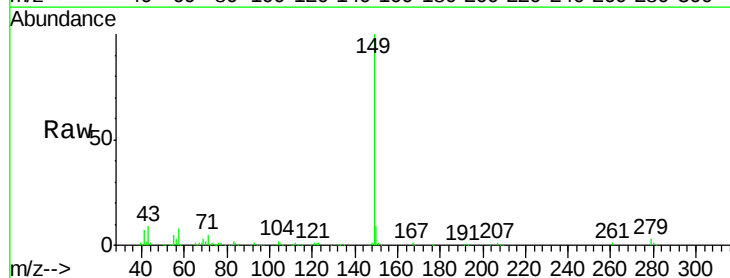
Tgt Ion:149 Resp: 285049

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

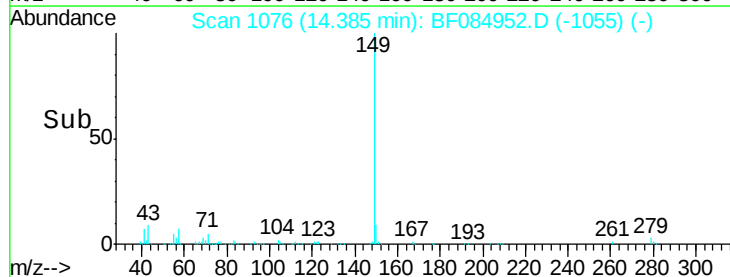
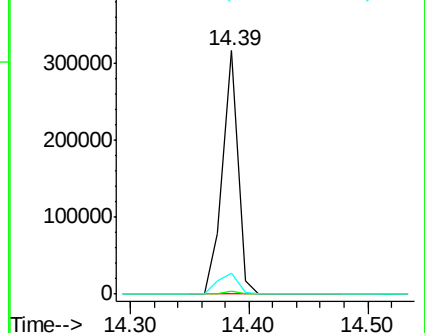
43 10.9 5.6 8.4#

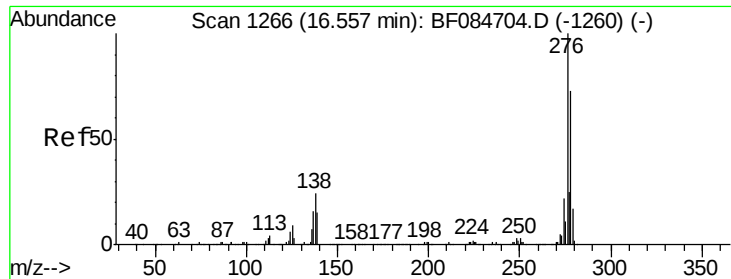


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.80 ng

RT: 16.39 min Scan# 1251

Delta R.T. -0.11 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

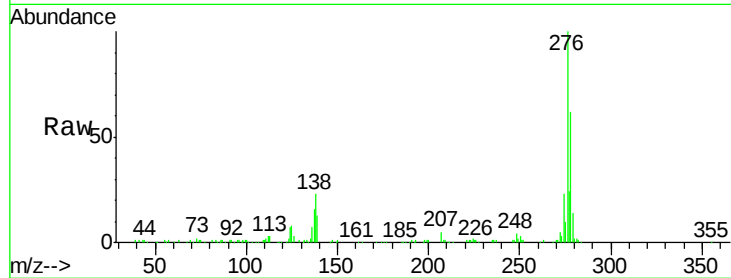
Tgt Ion:276 Resp: 200601

Ion Ratio Lower Upper

276 100

138 24.7 20.6 30.8

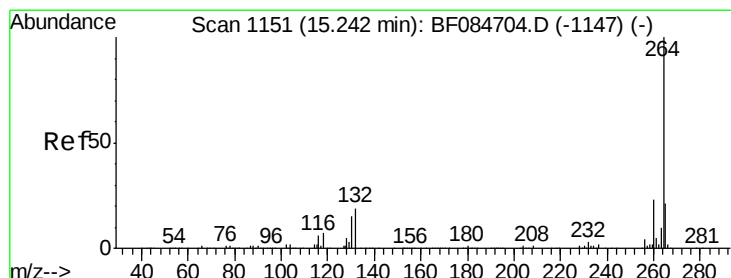
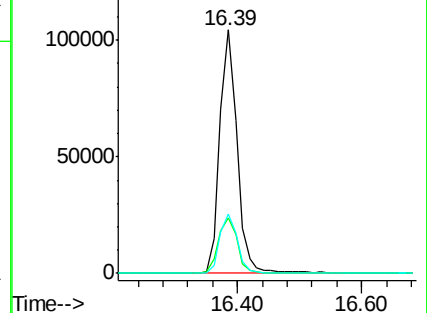
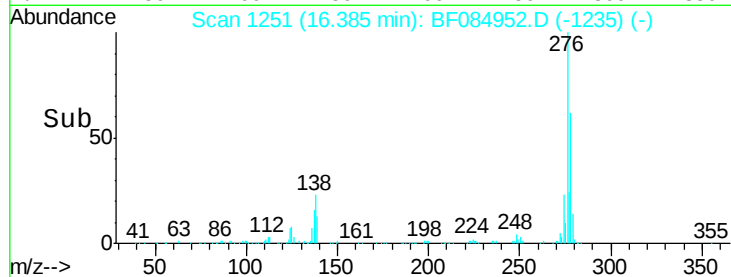
277 24.5 20.1 30.1



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: 15.13 min Scan# 1141

Delta R.T. -0.08 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

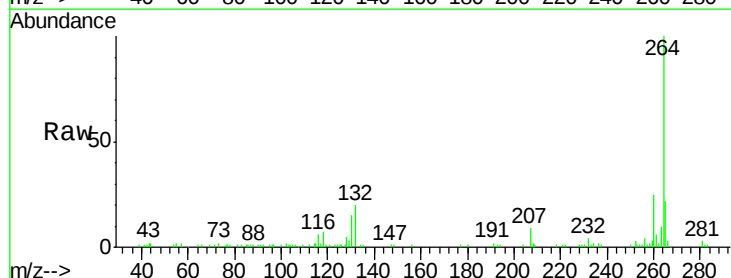
Tgt Ion:264 Resp: 71510

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

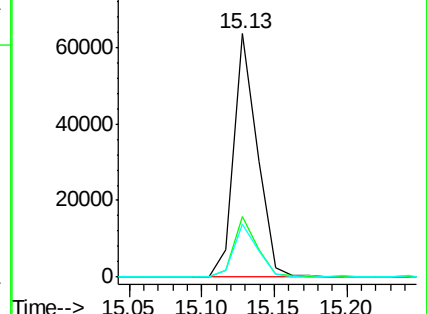
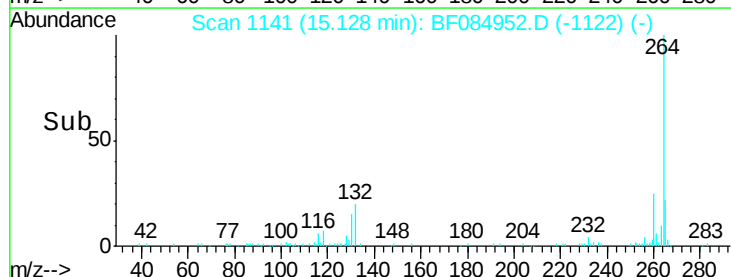
265 22.0 17.8 26.6

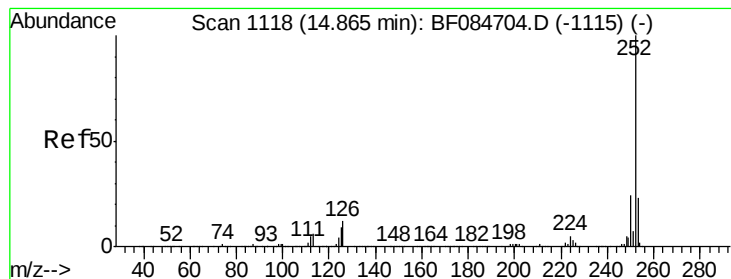


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 91.07 ng

RT: 14.76 min Scan# 1109

Delta R.T. -0.07 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

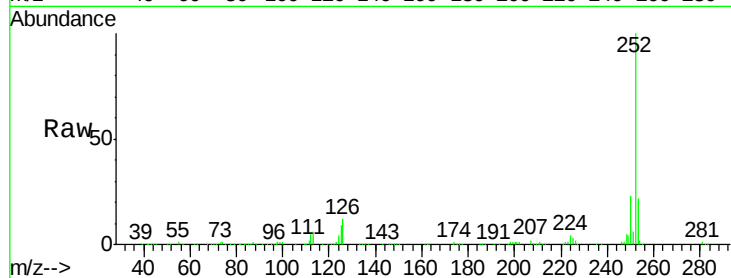
Tgt Ion:252 Resp: 437576

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

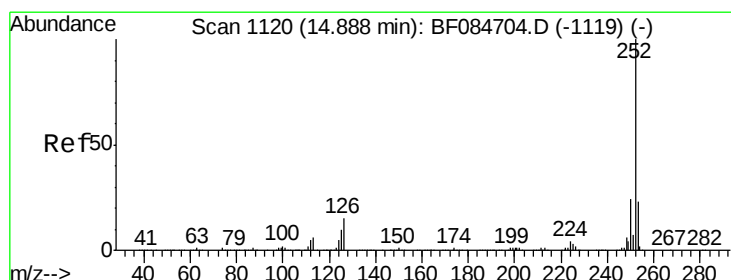
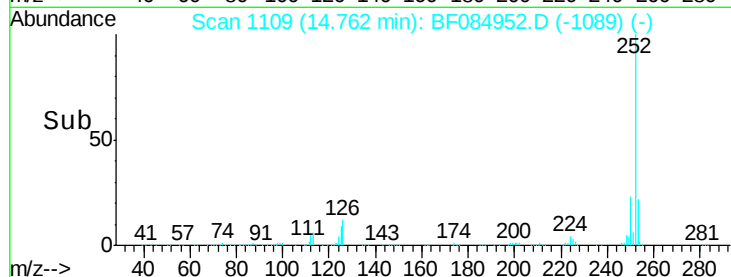
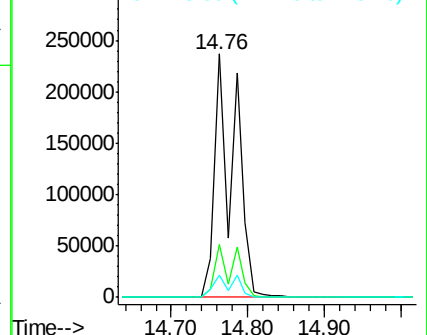
125 9.2 6.5 9.7



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



#88

Benzo(k)fluoranthene

Concen: 110.15 ng

RT: 14.76 min Scan# 1109

Delta R.T. -0.09 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

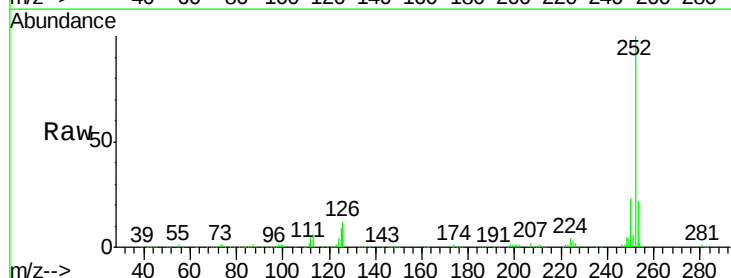
Tgt Ion:252 Resp: 437576

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

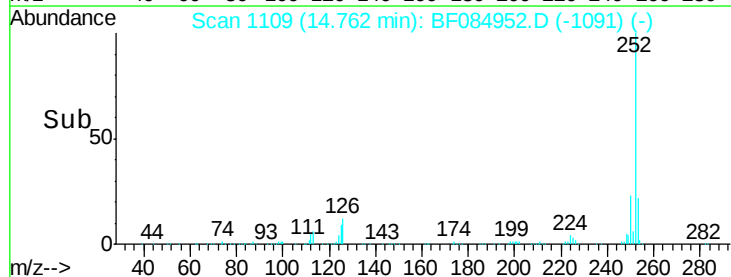
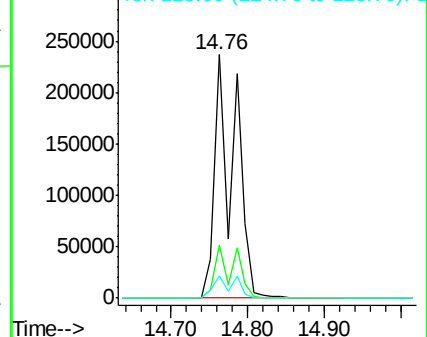
125 9.2 9.0 13.6



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





#89

Benzo(a)pyrene

Concen: 50.49 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.07 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD

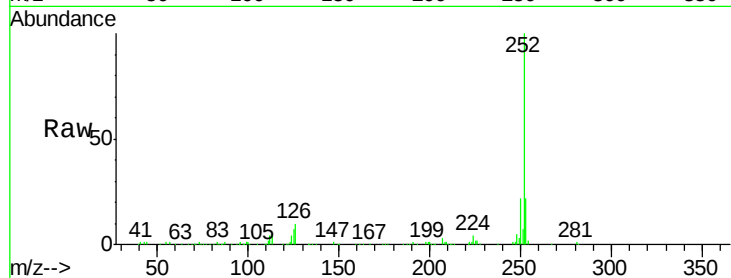
Tgt Ion:252 Resp: 206690

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

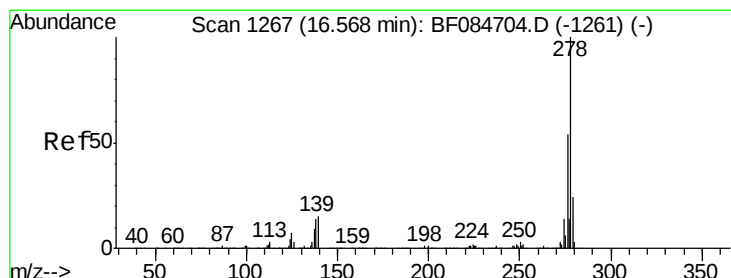
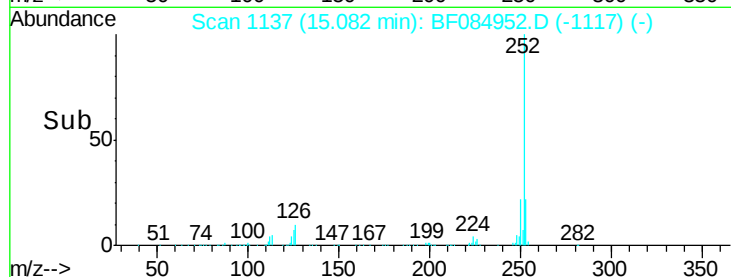
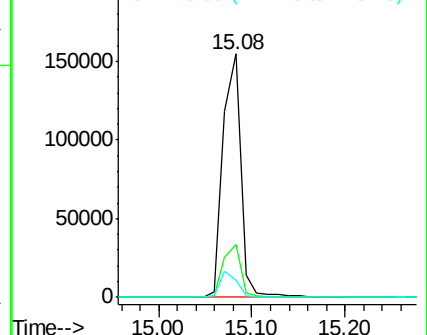
125 7.0 7.0 10.4



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: 48.93 ng

RT: 16.40 min Scan# 1252

Delta R.T. -0.11 min

Lab File: BF084952.D

Acq: 9 Feb 2016 15:18

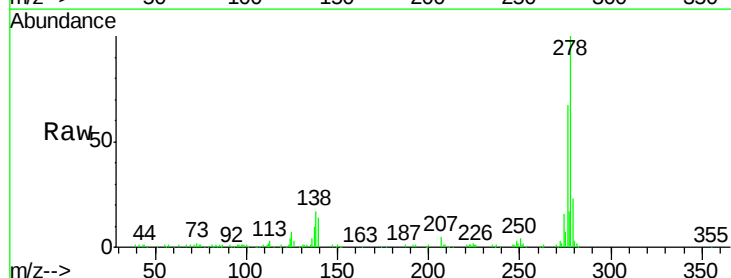
Tgt Ion:278 Resp: 168628

Ion Ratio Lower Upper

278 100

139 14.4 15.0 22.4#

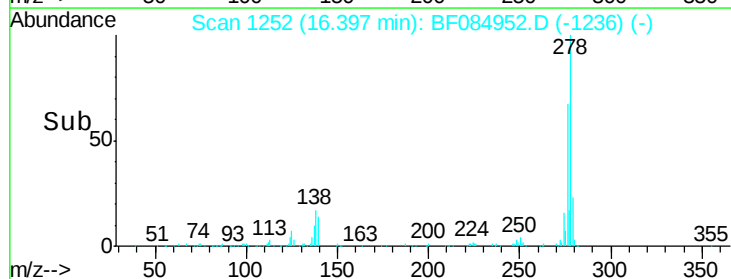
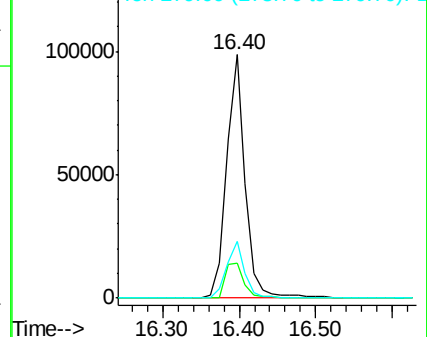
279 23.1 18.9 28.3

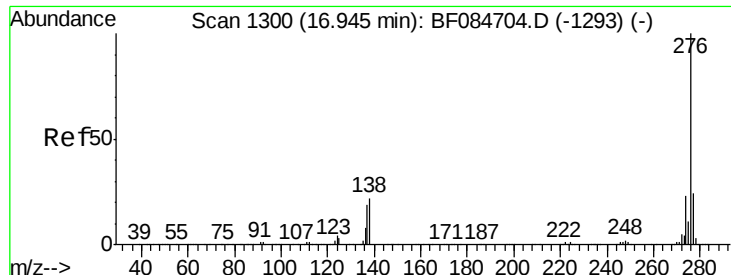


Abundance Ion 278.00 (277.70 to 278.70): E

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: 47.01 ng

RT: 16.76 min Scan# 1284

Delta R.T. -0.13 min

Lab File: BF084952.D

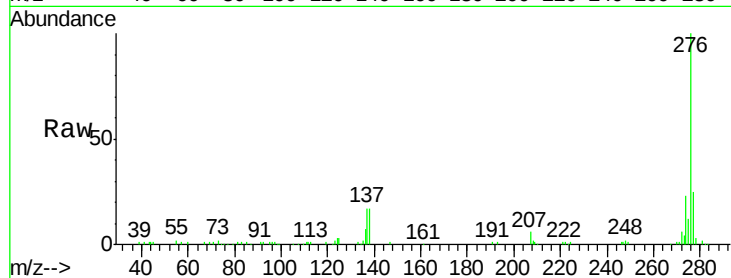
Acq: 9 Feb 2016 15:18

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MSD



Tgt Ion:	276	Resp:	163190
Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.8	28.2
138	17.4	17.8	26.6#

