

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084954.D
 Acq On : 9 Feb 2016 16:14
 Operator : SJ/IZ
 Sample : PB88264BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88264BS

Quant Time: Feb 10 03:23:18 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	161723	20.00	ng	-0.05
21) Naphthalene-d8	7.93	136	653732	20.00	ng	-0.05
38) Acenaphthene-d10	9.68	164	309633	20.00	ng	-0.06
63) Phenanthrene-d10	11.15	188	589057	20.00	ng	-0.06
75) Chrysene-d12	13.78	240	434960	20.00	ng	-0.06
86) Perylene-d12	15.14	264	331598	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	1166810	112.38	ng	-0.05
7) Phenol-d6	6.29	99	1455583	113.08	ng	-0.05
23) Nitrobenzene-d5	7.21	82	883138	76.10	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	403058	124.80	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1543955	83.45	ng	-0.06
78) Terphenyl-d14	12.74	244	1689669	88.03	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.19	88	146228	32.15	ng	# 76
3) Pyridine	2.83	79	439778	37.11	ng	# 75
4) n-Nitrosodimethylamine	2.78	42	238399	38.90	ng	# 80
6) Aniline	6.30	93	285791	18.14	ng	# 1
8) 2-Chlorophenol	6.42	128	443982	37.78	ng	# 88
9) Benzaldehyde	6.18	77	126937	16.70	ng	# 88
10) Phenol	6.30	94	455830	31.61	ng	# 85
11) bis(2-Chloroethyl)ether	6.38	93	461158	41.01	ng	# 92
12) 1,3-Dichlorobenzene	6.81	146	462279	37.23	ng	# 98
13) 1,4-Dichlorobenzene	6.65	146	455896	36.73	ng	# 97
14) 1,2-Dichlorobenzene	6.81	146	462223	39.98	ng	# 97
15) Benzyl Alcohol	6.80	79	408689	45.98	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	6.92	45	719334	38.03	ng	# 63
17) 2-Methylphenol	6.92	107	377869	40.65	ng	# 90
18) Hexachloroethane	7.15	117	185635	38.83	ng	# 83
19) n-Nitroso-di-n-propylamine	7.07	70	331363	41.07	ng	# 82
20) 3+4-Methylphenols	7.07	107	467027	40.48	ng	# 86
22) Acetophenone	7.06	105	658009	38.19	ng	# 98
24) Nitrobenzene	7.23	77	516417	41.56	ng	# 93
25) Isophorone	7.47	82	879384	38.97	ng	# 98
26) 2-Nitrophenol	7.55	139	247939	40.45	ng	# 89
27) 2,4-Dimethylphenol	7.60	122	402039	37.71	ng	# 96
28) bis(2-Chloroethoxy)methane	7.69	93	551210	41.17	ng	# 99
29) 2,4-Dichlorophenol	7.79	162	378549	41.50	ng	# 97
30) 1,2,4-Trichlorobenzene	7.87	180	420749	40.84	ng	# 96
31) Naphthalene	7.94	128	1262365	38.50	ng	# 99
32) Benzoic acid	7.74	122	269949	39.59	ng	# 95
33) 4-Chloroaniline	8.01	127	146671	10.81	ng	# 90
34) Hexachlorobutadiene	8.06	225	224513	37.79	ng	# 99
35) Caprolactam	8.38	113	84204	29.95	ng	# 56
36) 4-Chloro-3-methylphenol	8.50	107	432103	41.52	ng	# 94
37) 2-Methylnaphthalene	8.64	142	881019	42.93	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	366975	37.32	ng	# 99
40) Hexachlorocyclopentadiene	8.78	237	327358	76.70	ng	# 97

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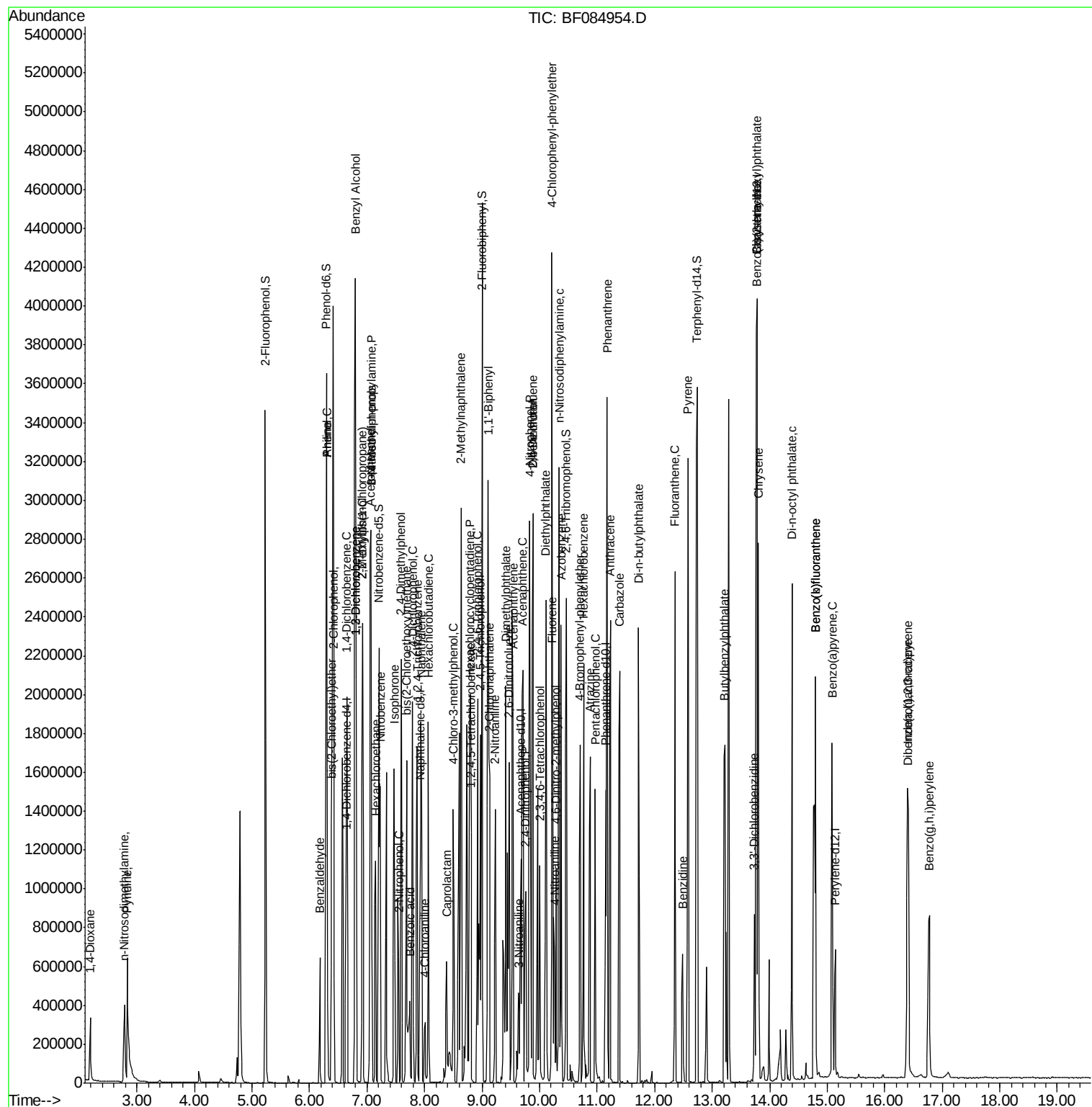
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	260412	41.11	ng	94
43) 2,4,5-Trichlorophenol	8.97	196	266853	41.46	ng #	93
45) 1,1'-Biphenyl	9.10	154	1121400	40.55	ng	96
46) 2-Chloronaphthalene	9.13	162	811218	39.83	ng #	86
47) 2-Nitroaniline	9.23	65	288882	44.80	ng #	78
48) Acenaphthylene	9.54	152	1270597	41.11	ng	99
49) Dimethylphthalate	9.41	163	921991	39.10	ng #	90
50) 2,6-Dinitrotoluene	9.47	165	190208	36.92	ng #	50
51) Acenaphthene	9.71	154	791126	39.34	ng	97
52) 3-Nitroaniline	9.64	138	103004	17.79	ng #	71
53) 2,4-Dinitrophenol	9.76	184	199968	83.80	ng	86
54) Dibenzofuran	9.88	168	1130902	46.02	ng	98
55) 4-Nitrophenol	9.82	139	291566	68.53	ng #	78
56) 2,4-Dinitrotoluene	9.88	165	275482	41.92	ng #	86
57) Fluorene	10.22	166	864031	42.10	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	218222	44.53	ng	88
59) Diethylphthalate	10.11	149	947864	41.16	ng	100
60) 4-Chlorophenyl-phenylether	10.21	204	367803	42.21	ng	94
61) 4-Nitroaniline	10.26	138	232294	41.18	ng #	76
62) Azobenzene	10.37	77	983929	44.44	ng	90
64) 4,6-Dinitro-2-methylphenol	10.28	198	139113	38.26	ng #	61
65) n-Nitrosodiphenylamine	10.34	169	813098	43.47	ng	98
66) 4-Bromophenyl-phenylether	10.70	248	280385	43.10	ng	95
67) Hexachlorobenzene	10.76	284	272713	38.47	ng #	87
68) Atrazine	10.88	200	287382	48.65	ng	96
69) Pentachlorophenol	10.97	266	237268	71.22	ng	100
70) Phenanthrene	11.17	178	1291962	39.54	ng	97
71) Anthracene	11.23	178	1399005	42.50	ng	100
72) Carbazole	11.39	167	1254206	43.69	ng	98
73) Di-n-butylphthalate	11.72	149	1392053	38.09	ng #	97
74) Fluoranthene	12.35	202	1271682	38.46	ng	98
76) Benzidine	12.49	184	350939	23.74	ng	96
77) Pyrene	12.58	202	1291921	38.79	ng	99
79) Butylbenzylphthalate	13.22	149	623831	41.29	ng #	82
80) Benzo(a)anthracene	13.77	228	1155590	42.81	ng	99
81) 3,3'-Dichlorobenzidine	13.73	252	159531	16.69	ng #	97
82) Chrysene	13.80	228	857750	32.77	ng	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	772687	41.10	ng #	96
84) Di-n-octyl phthalate	14.39	149	1169891	37.72	ng #	89
85) Indeno(1,2,3-cd)pyrene	16.40	276	804639	39.05	ng	99
87) Benzo(b)fluoranthene	14.80	252	1748509	78.48	ng	99
88) Benzo(k)fluoranthene	14.80	252	1748814	94.93	ng #	96
89) Benzo(a)pyrene	15.08	252	770132	40.57	ng #	96
90) Dibenzo(a,h)anthracene	16.41	278	667822	41.79	ng #	95
91) Benzo(g,h,i)perylene	16.77	276	696937	43.30	ng	95

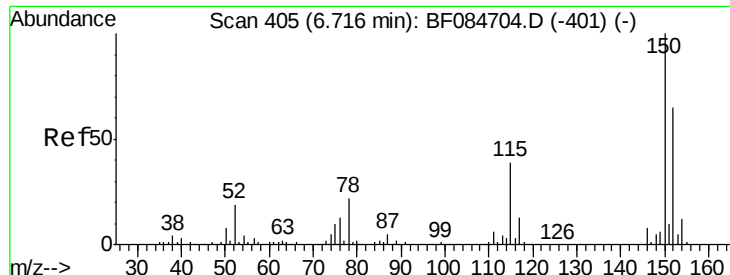
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

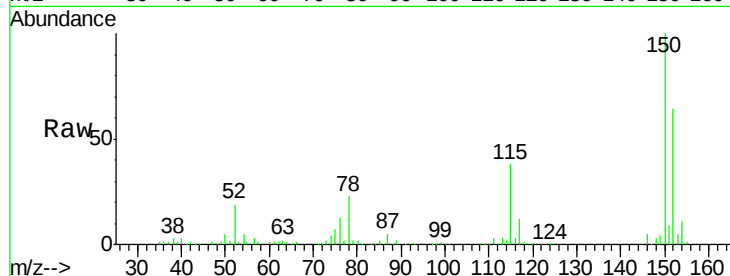
Tgt Ion:152 Resp: 161723

Ion Ratio Lower Upper

152 100

150 157.4 123.0 184.4

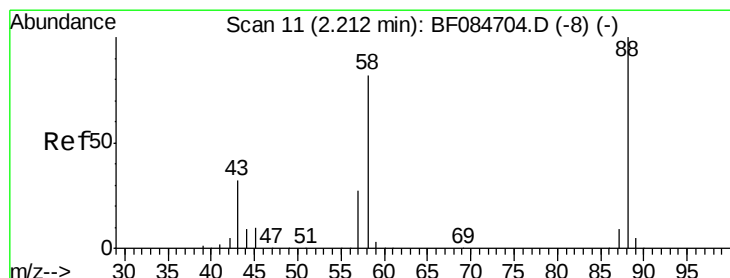
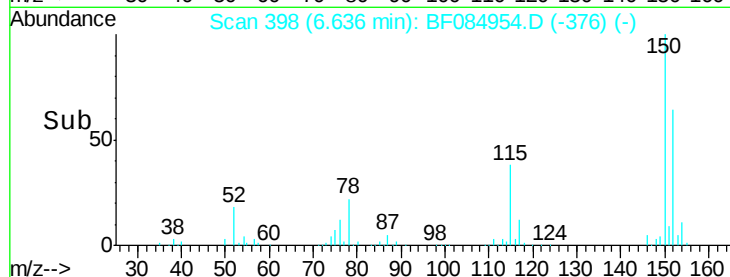
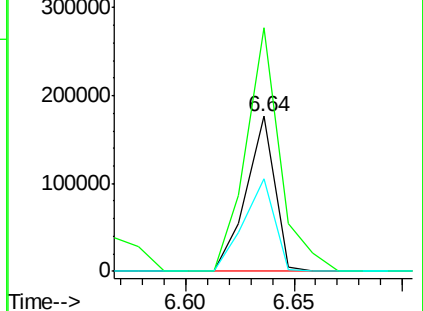
115 60.0 51.4 77.2



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: 32.15 ng

RT: 2.19 min Scan# 9

Delta R.T. 0.01 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

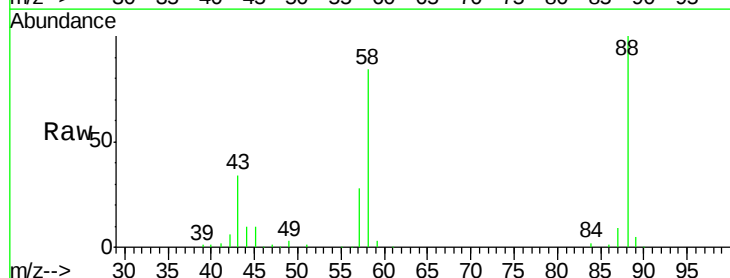
Tgt Ion: 88 Resp: 146228

Ion Ratio Lower Upper

88 100

58 83.6 51.2 76.8#

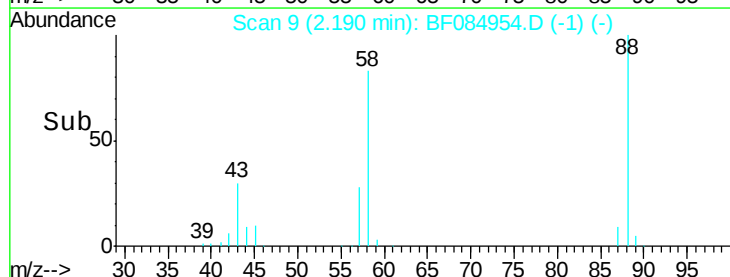
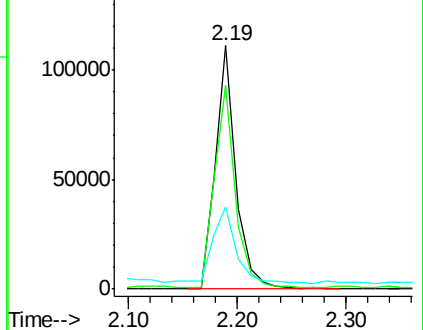
43 35.6 19.5 29.3#

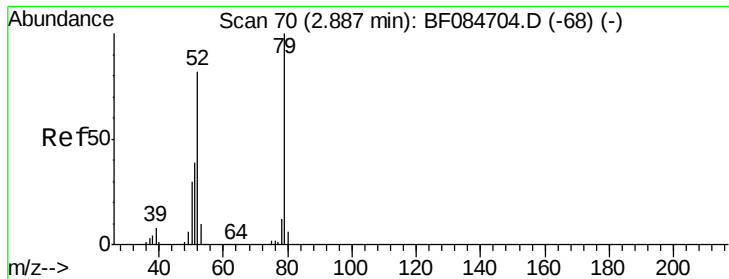


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.11 ng

RT: 2.83 min Scan# 65

Delta R.T. -0.01 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

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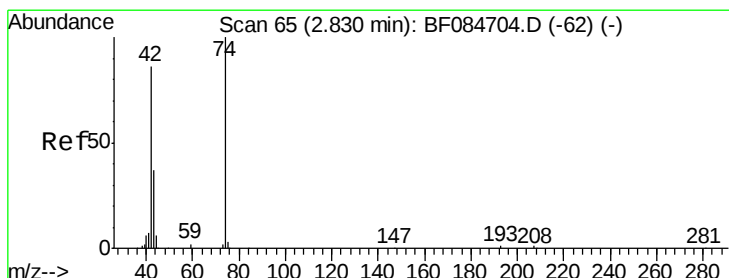
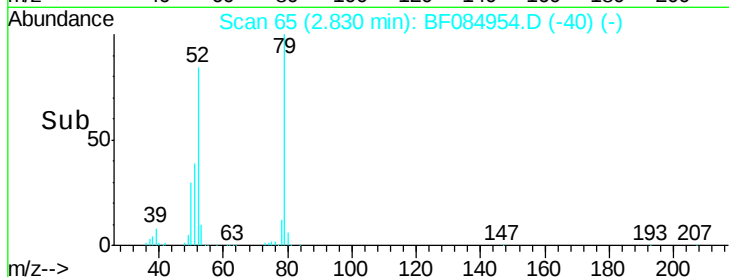
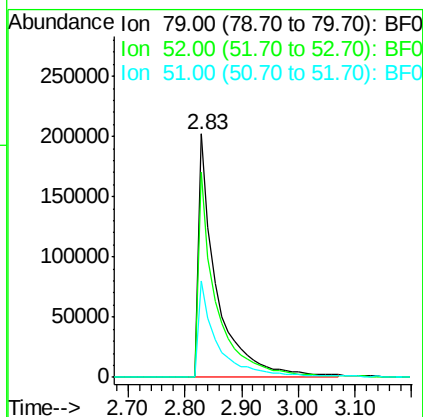
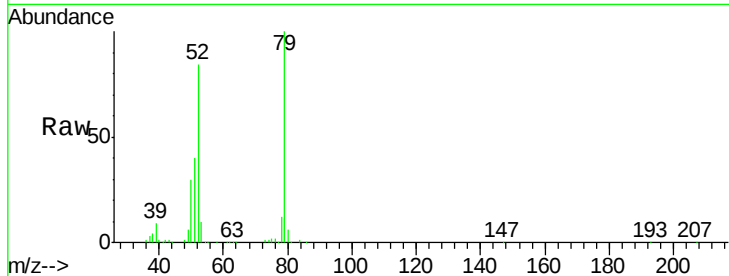
Tgt Ion: 79 Resp: 439778

Ion Ratio Lower Upper

79 100

52 84.5 49.0 73.4#

51 39.8 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 38.90 ng

RT: 2.78 min Scan# 61

Delta R.T. -0.01 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

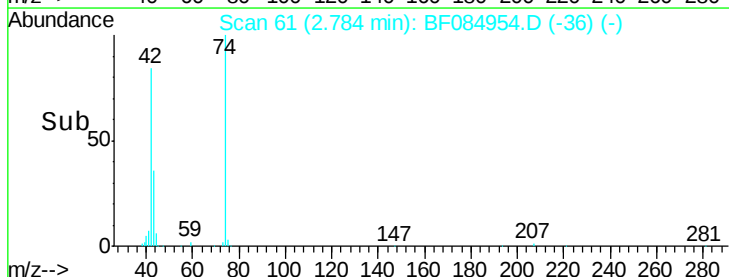
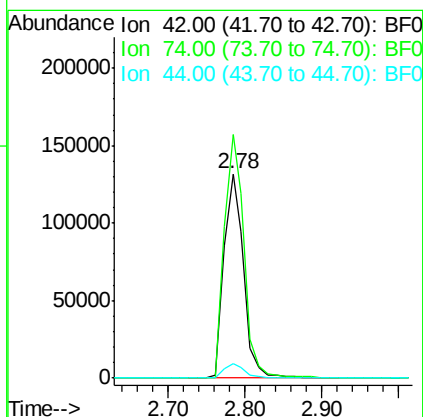
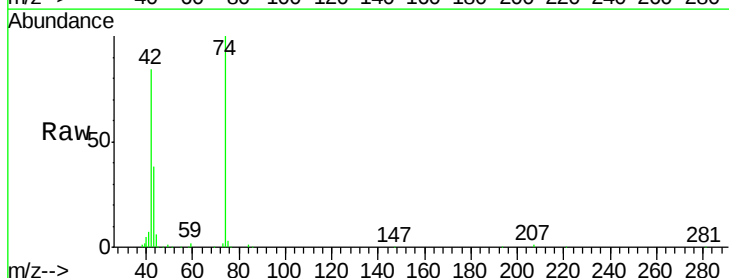
Tgt Ion: 42 Resp: 238399

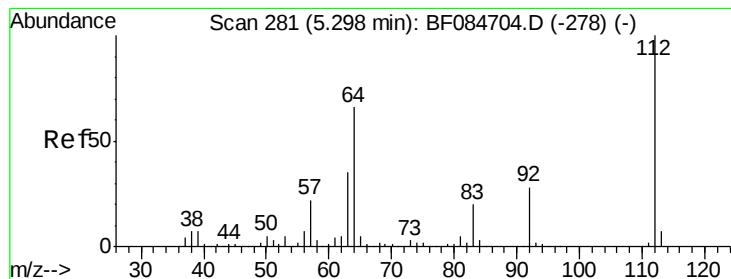
Ion Ratio Lower Upper

42 100

74 119.2 115.7 173.5

44 7.0 5.1 7.7





#5

2-Fluorophenol

Concen: 112.38 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

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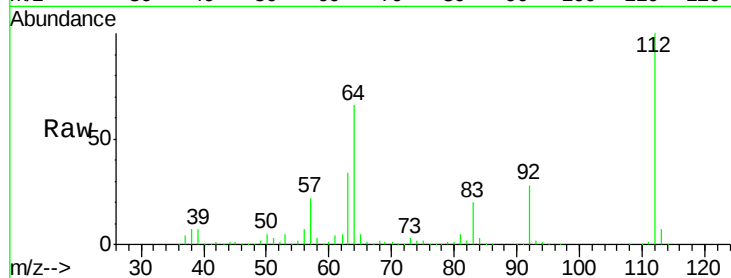
Tgt Ion: 112 Resp: 1166810

Ion Ratio Lower Upper

112 100

64 66.0 36.6 55.0#

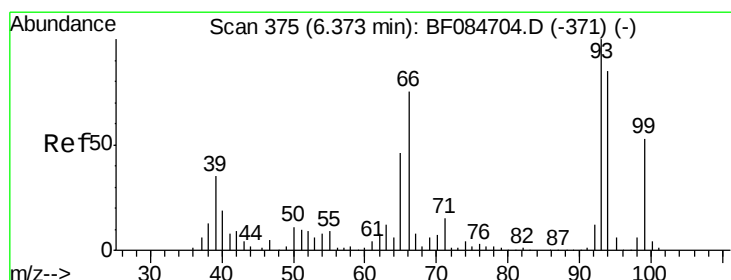
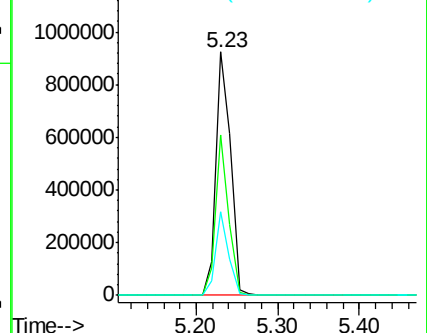
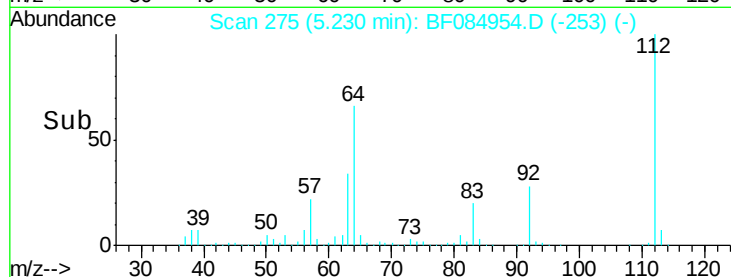
63 34.5 19.4 29.0#



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: 18.14 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

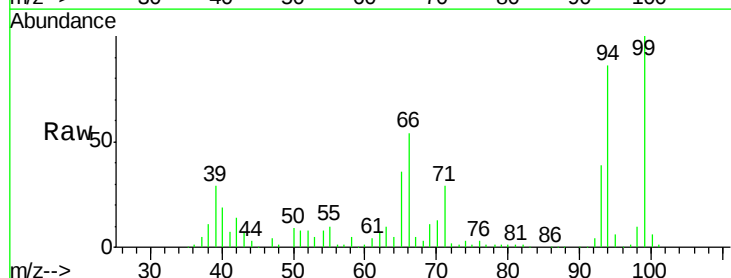
Tgt Ion: 93 Resp: 285791

Ion Ratio Lower Upper

93 100

66 140.2 44.9 67.3#

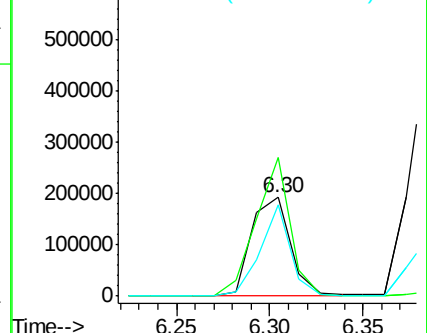
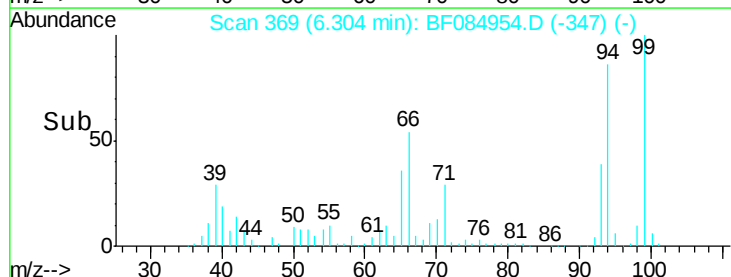
65 92.3 23.7 35.5#

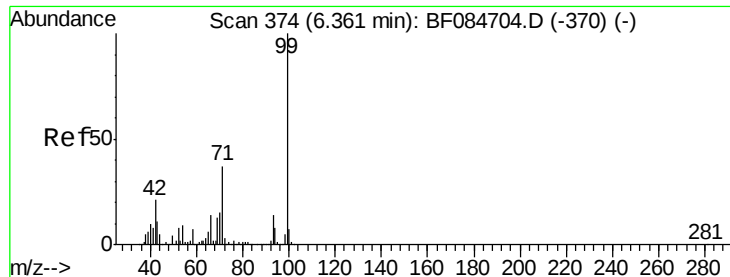


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.08 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

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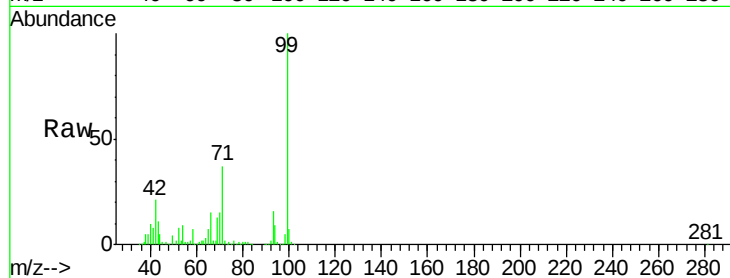
Tgt Ion: 99 Resp: 1455583

Ion Ratio Lower Upper

99 100

42 20.8 12.8 19.2#

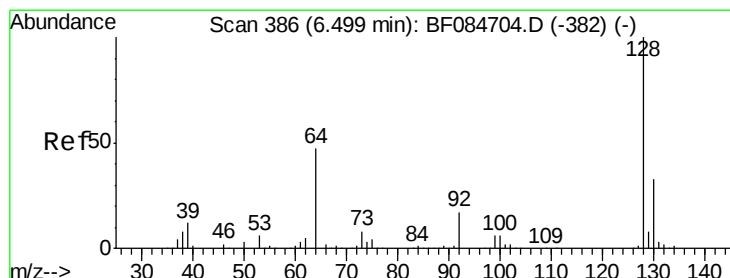
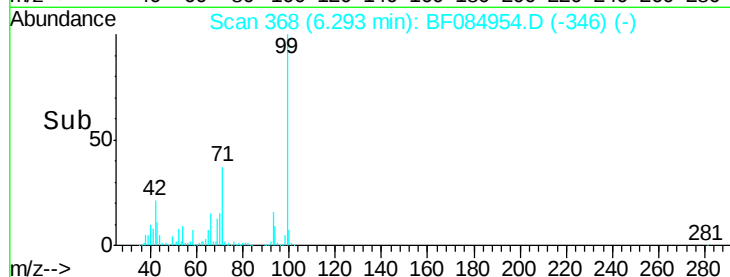
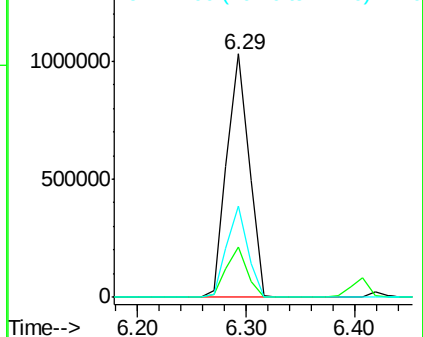
71 37.3 30.9 46.3



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: 37.78 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

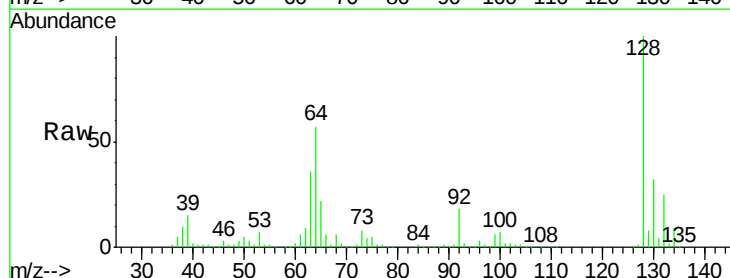
Tgt Ion: 128 Resp: 443982

Ion Ratio Lower Upper

128 100

130 32.0 11.6 51.6

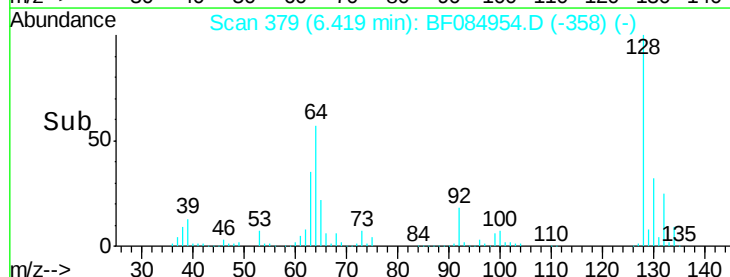
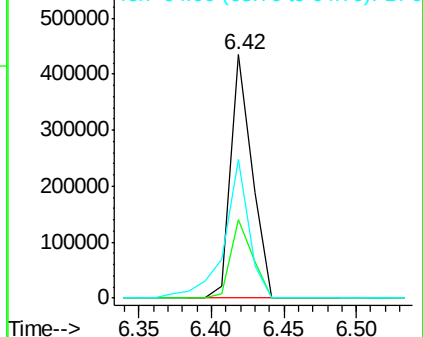
64 57.0 23.8 63.8

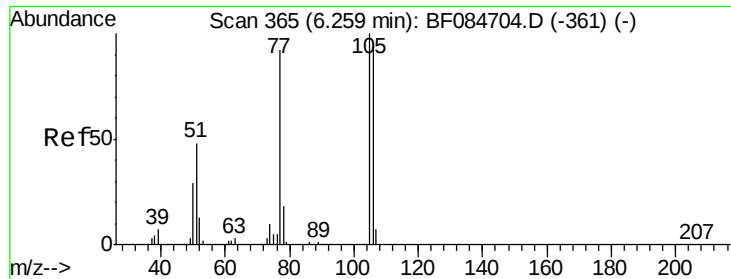


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.70 ng

RT: 6.18 min Scan# 358

Delta R.T. -0.06 min

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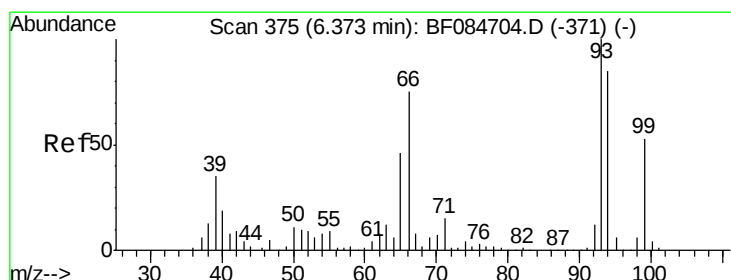
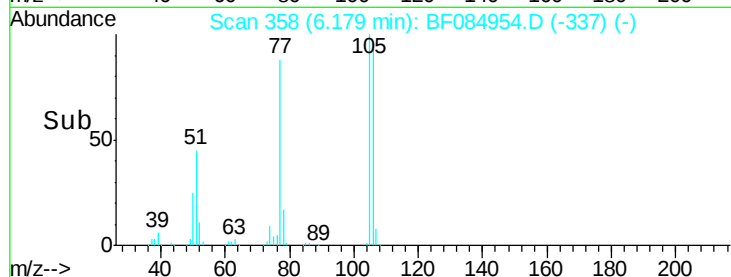
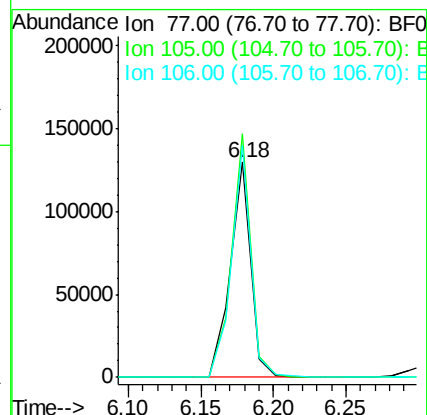
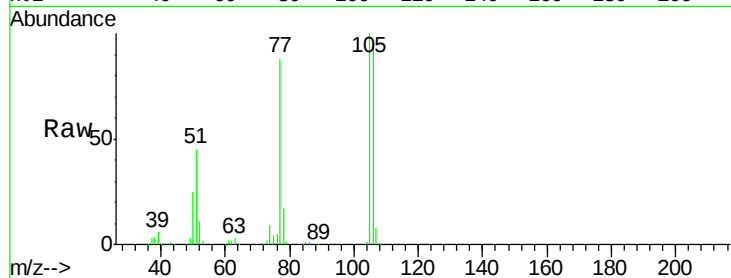
Tgt Ion: 77 Resp: 126937

Ion Ratio Lower Upper

77 100

105 113.3 83.0 123.0

106 107.8 74.6 114.6



#10

Phenol

Concen: 31.61 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

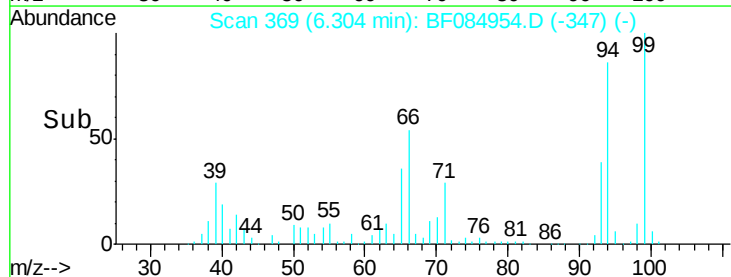
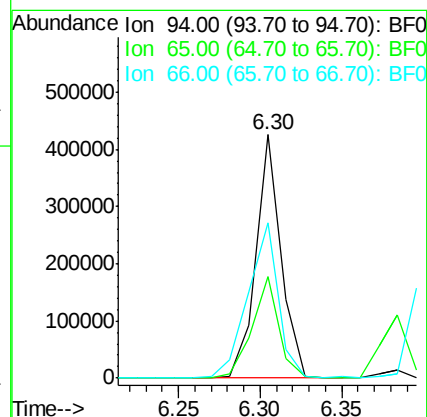
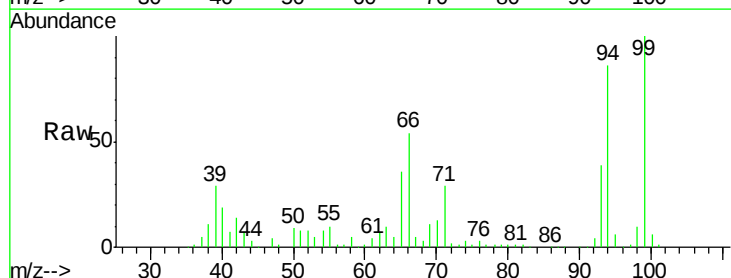
Tgt Ion: 94 Resp: 455830

Ion Ratio Lower Upper

94 100

65 41.8 12.9 52.9

66 63.5 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 41.01 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

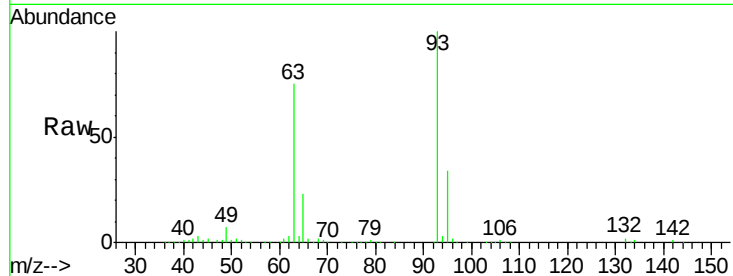
Tgt Ion: 93 Resp: 461158

Ion Ratio Lower Upper

93 100

63 74.7 45.9 85.9

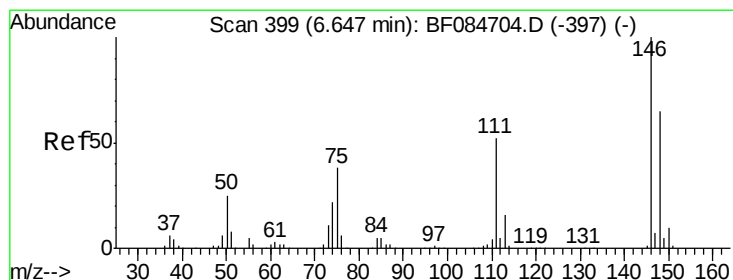
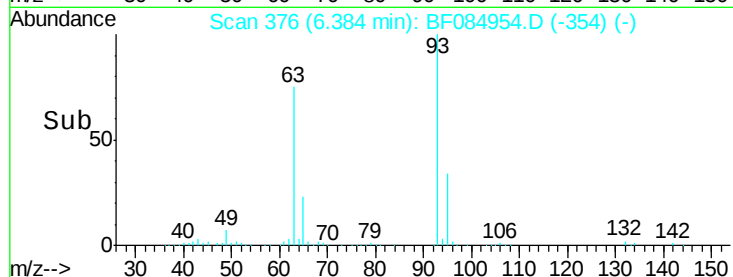
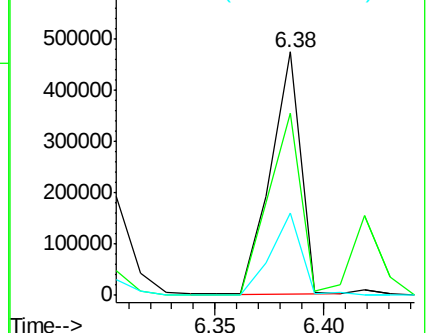
95 33.7 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.23 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.18 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

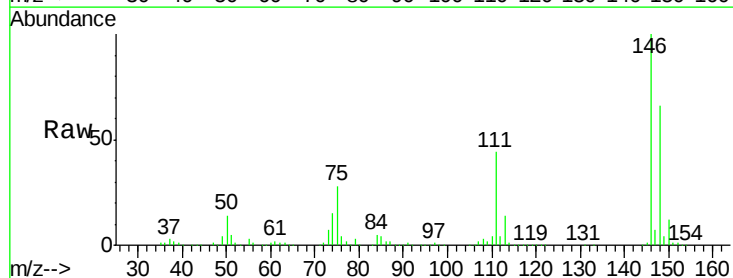
Tgt Ion: 146 Resp: 462279

Ion Ratio Lower Upper

146 100

148 65.6 51.9 77.9

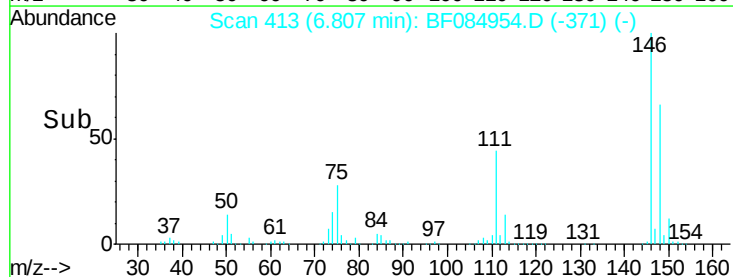
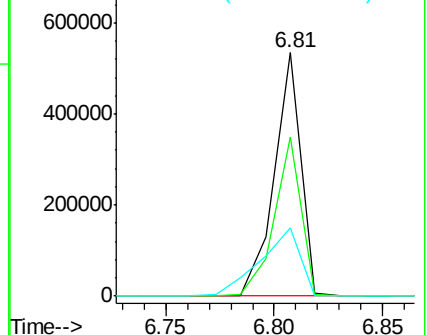
75 27.8 20.5 30.7

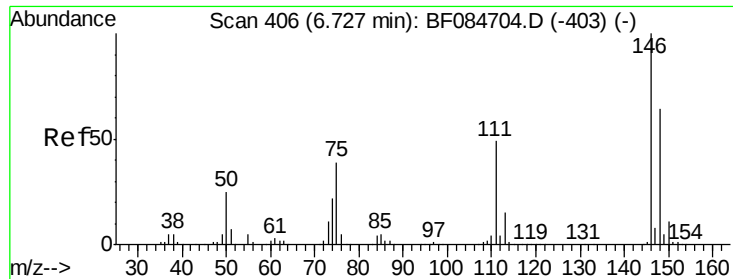


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

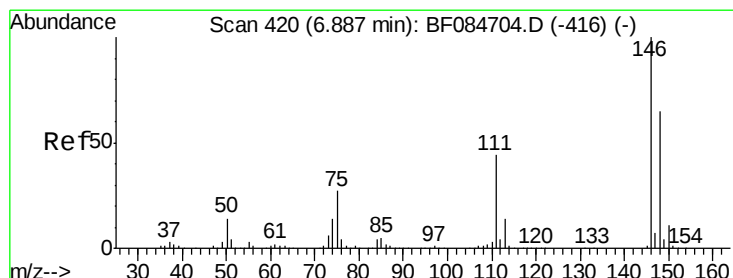
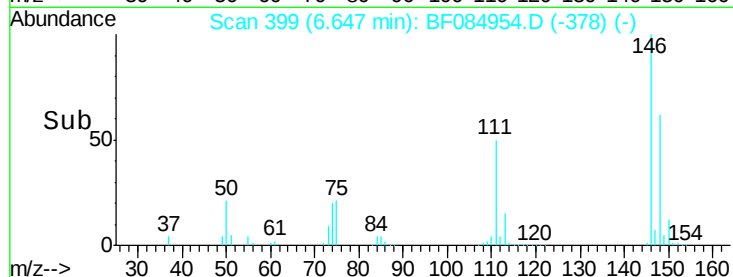
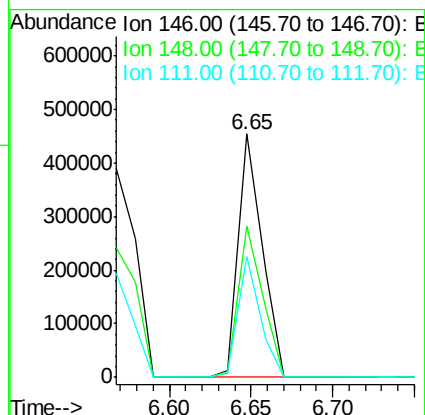
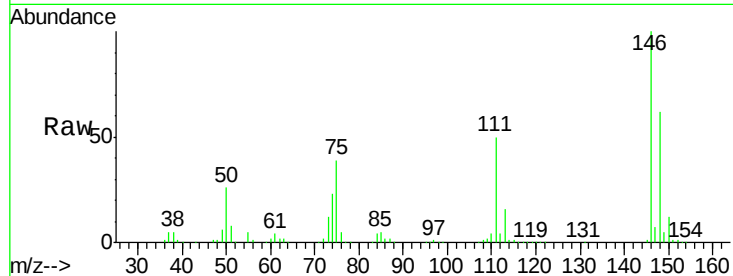




#13
 1,4-Dichlorobenzene
 Concen: 36.73 ng
 RT: 6.65 min Scan# 399
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

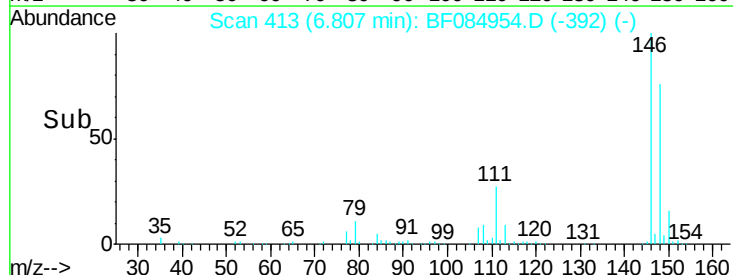
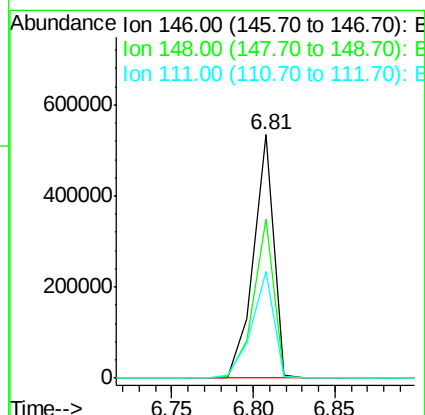
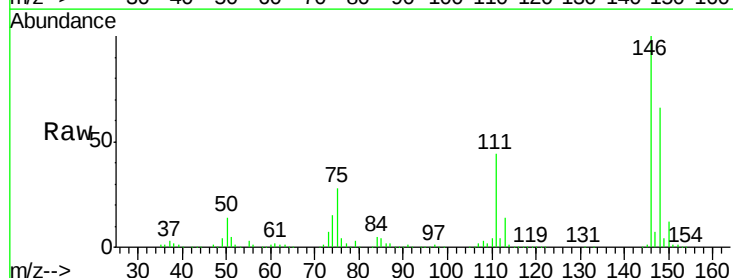
Instrument :
 BNA_F
 ClientSampleId :
 PB88264BS

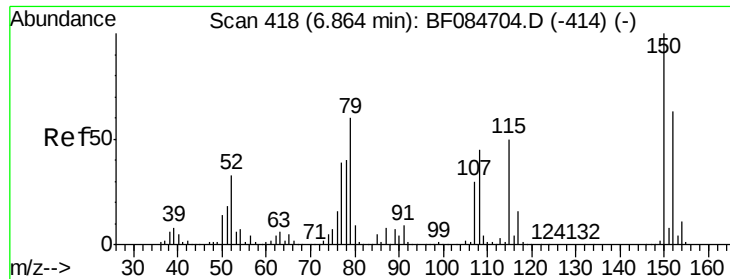
Tgt Ion:146 Resp: 455896
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.9 77.9
 111 49.6 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 39.98 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion:146 Resp: 462223
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.6 77.4
 111 43.9 38.0 57.0





#15

Benzyl Alcohol

Concen: 45.98 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

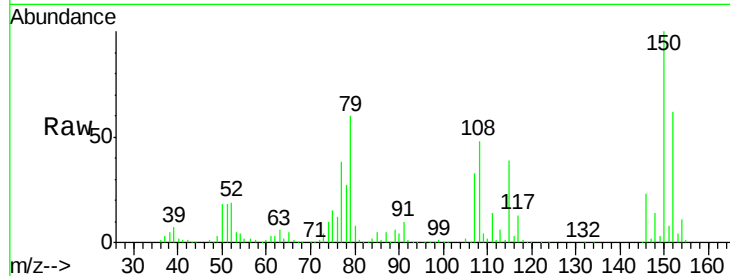
Tgt Ion: 79 Resp: 408689

Ion Ratio Lower Upper

79 100

108 80.9 69.0 103.4

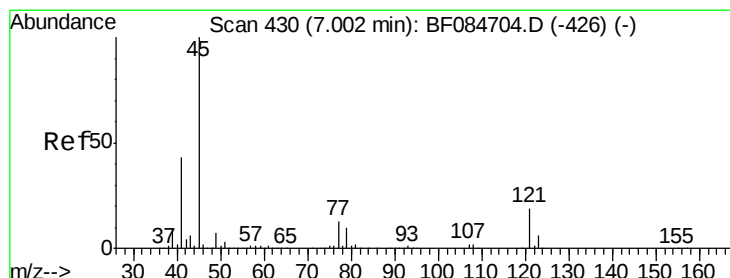
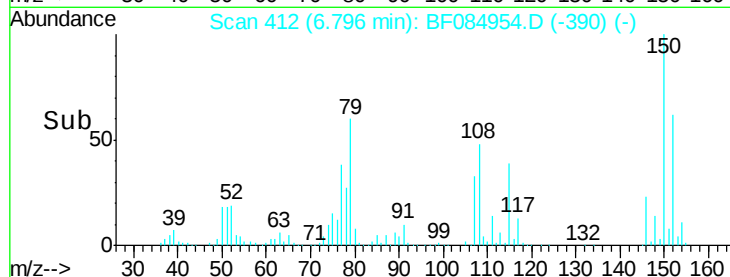
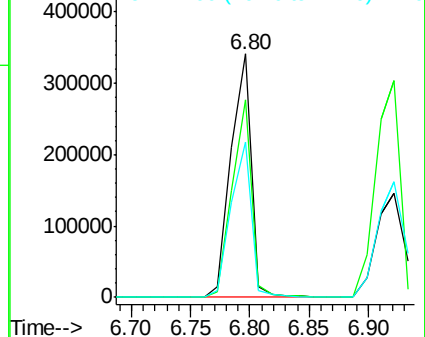
77 63.6 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.03 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

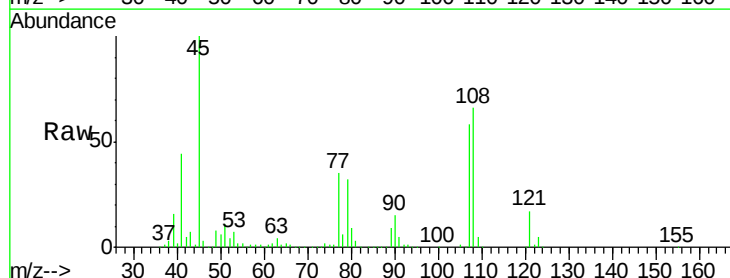
Tgt Ion: 45 Resp: 719334

Ion Ratio Lower Upper

45 100

77 35.1 0.0 39.6

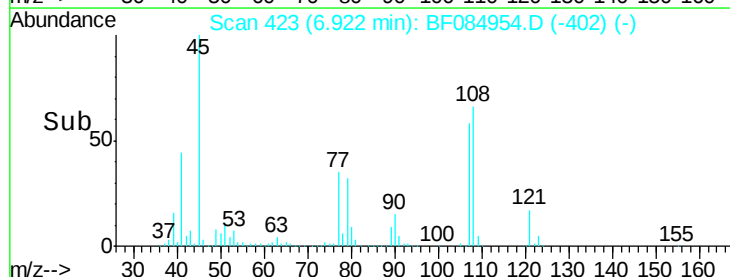
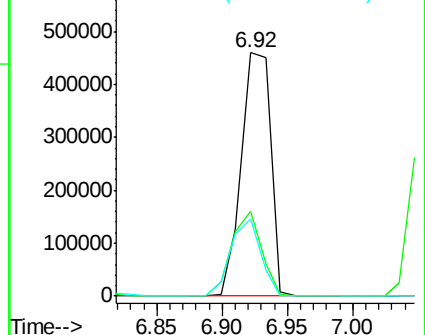
79 31.8 0.0 35.0

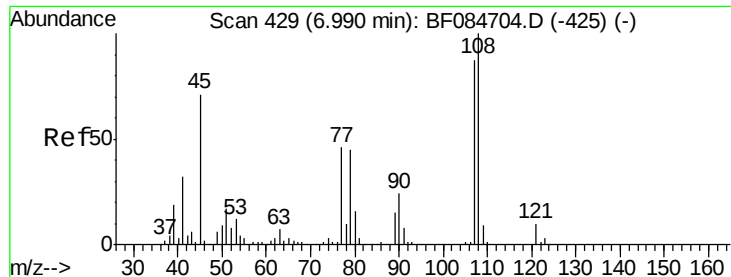


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.65 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

Tgt Ion:107 Resp: 377869

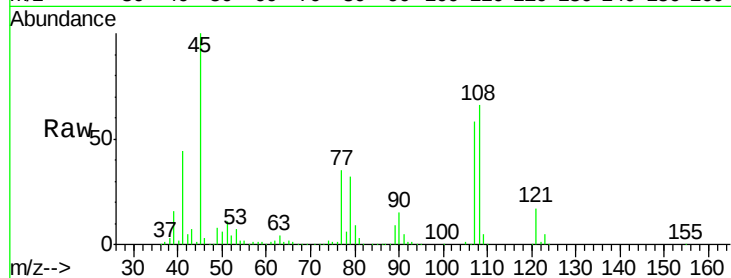
Ion Ratio Lower Upper

107 100

108 114.6 89.8 134.6

77 60.9 35.7 53.5#

79 55.2 35.7 53.5#



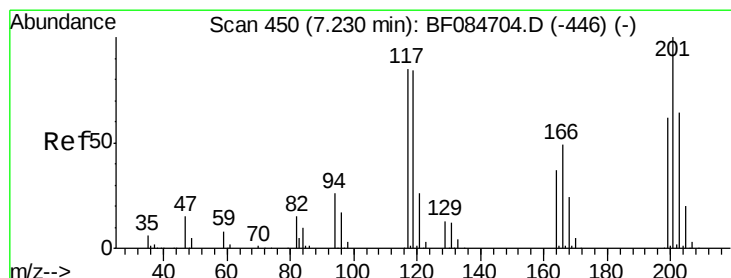
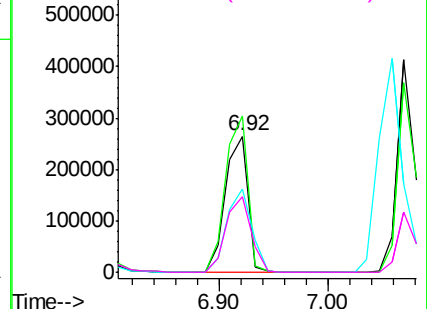
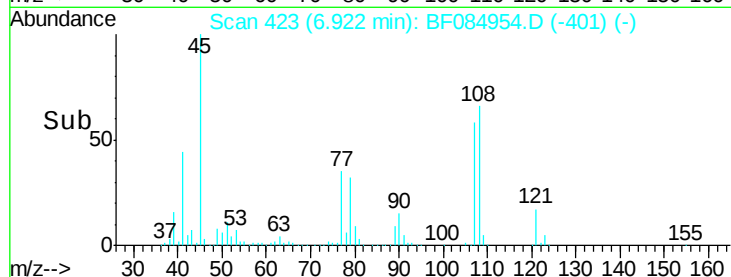
Abundance

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: 38.83 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

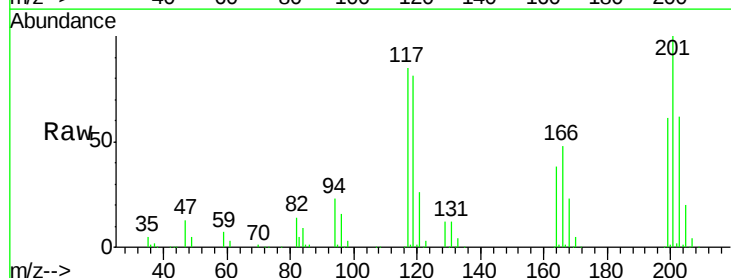
Tgt Ion:117 Resp: 185635

Ion Ratio Lower Upper

117 100

119 95.4 77.4 116.0

201 118.2 68.6 103.0#

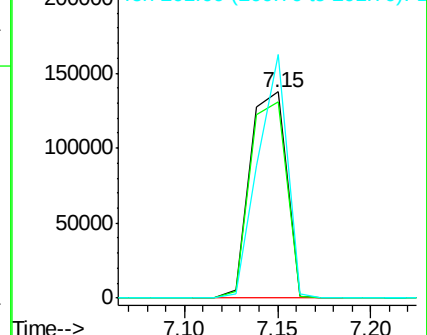
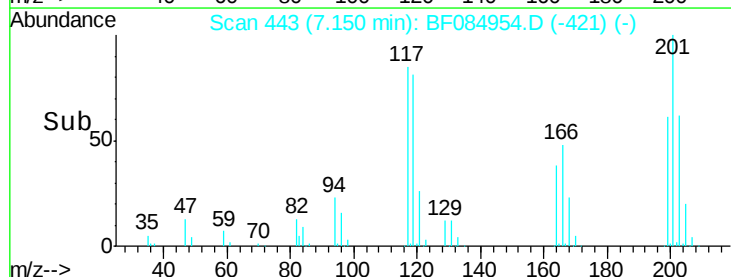


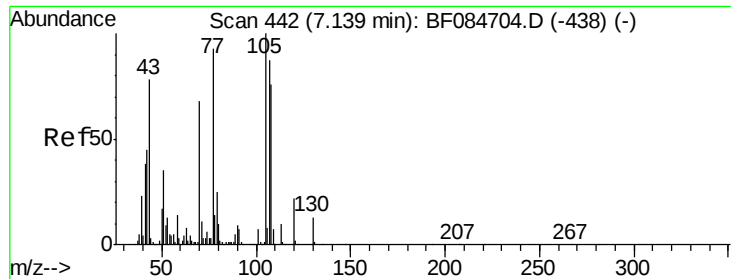
Abundance

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

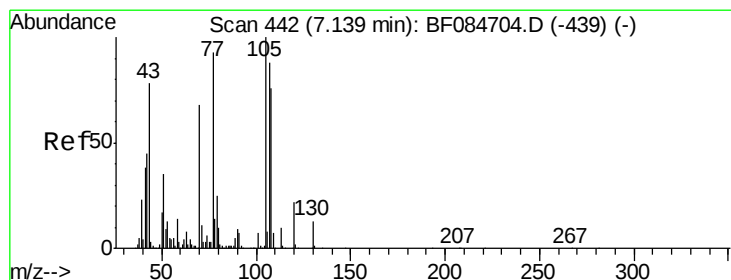
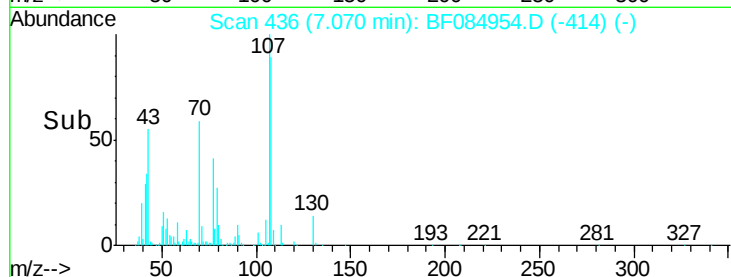
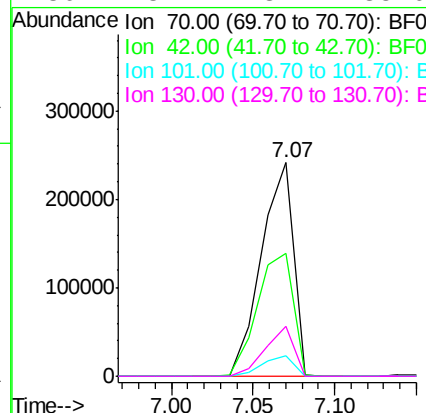
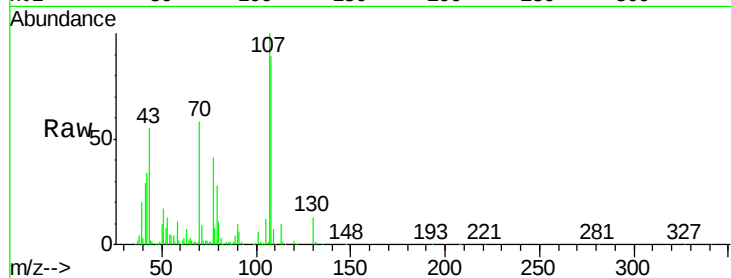




#19
n-Nitroso-di-n-propylamine
Concen: 41.07 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.05 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

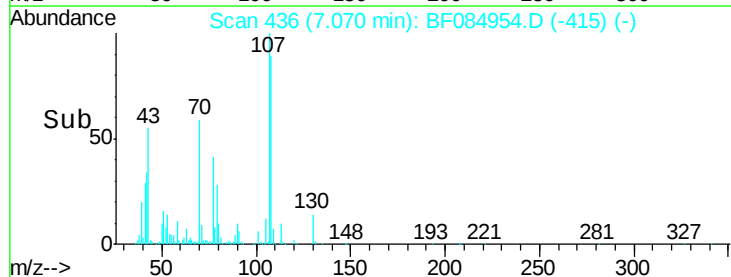
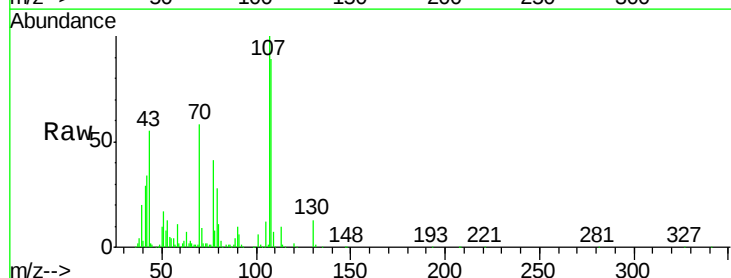
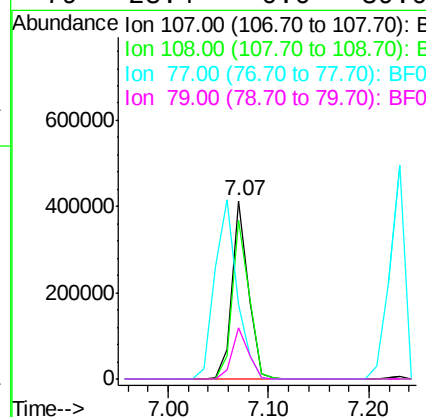
Instrument :
BNA_F
ClientSampleId :
PB88264BS

Tgt Ion: 70 Resp: 331363
Ion Ratio Lower Upper
70 100
42 57.7 33.3 49.9#
101 9.7 9.3 13.9
130 23.1 23.4 35.0#



#20
3+4-Methylphenols
Concen: 40.48 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion: 107 Resp: 467027
Ion Ratio Lower Upper
107 100
108 89.1 74.6 114.6
77 41.3 0.7 40.7#
79 28.4 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: BF084954.D

Acq: 9 Feb 2016 16:14

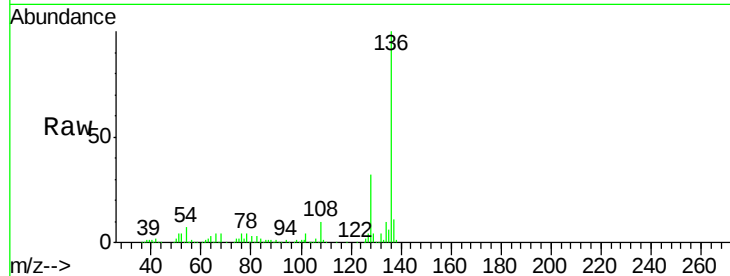
Instrument :

BNA_F

ClientSampleId :

PB88264BS

Tgt Ion:	136	Resp:	653732
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	6.6	5.8	8.8
68	3.8	4.2	6.2#

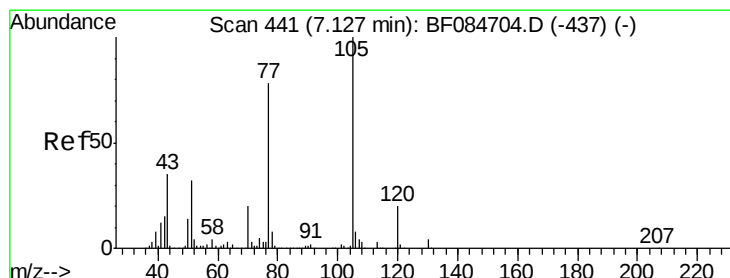
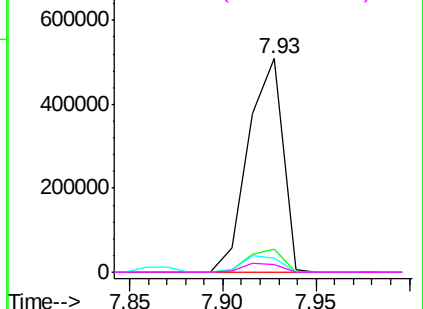
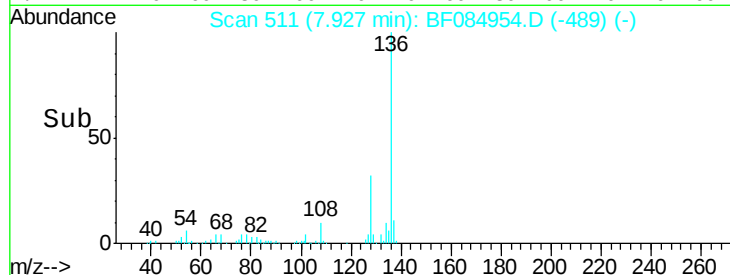


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.19 ng

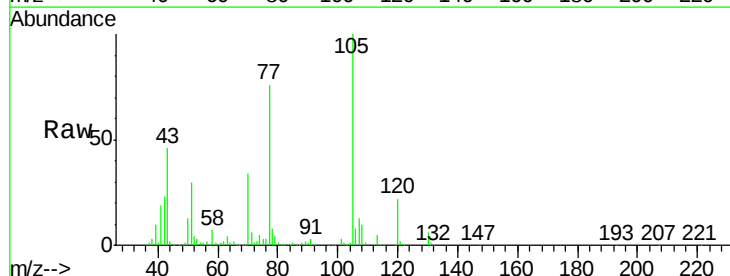
RT: 7.06 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Tgt Ion:	105	Resp:	658009
Ion Ratio	Lower	Upper	
105	100		
71	5.6	3.7	5.5#
51	29.7	25.1	37.7
120	21.5	16.6	25.0

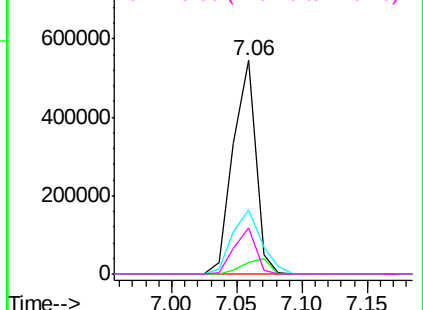
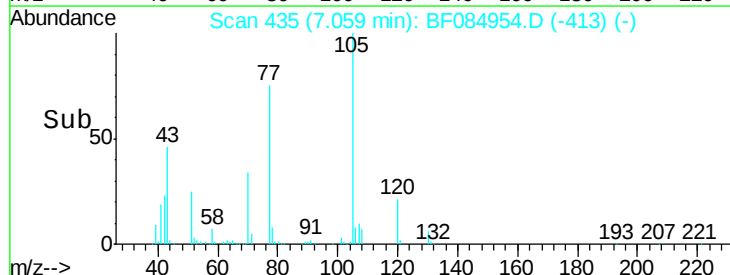


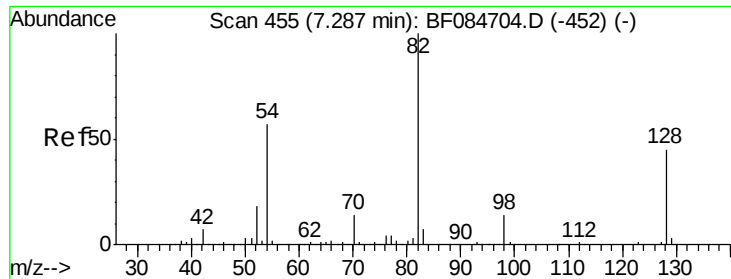
Abundance Ion 105.00 (104.70 to 105.70): E

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

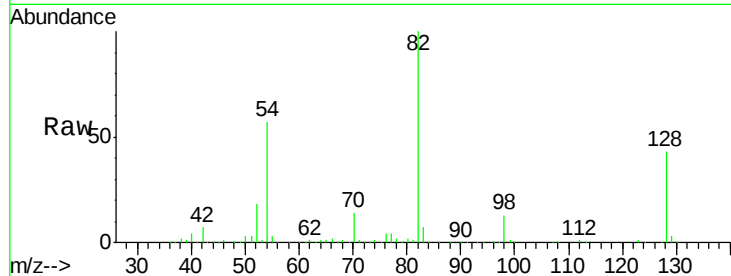




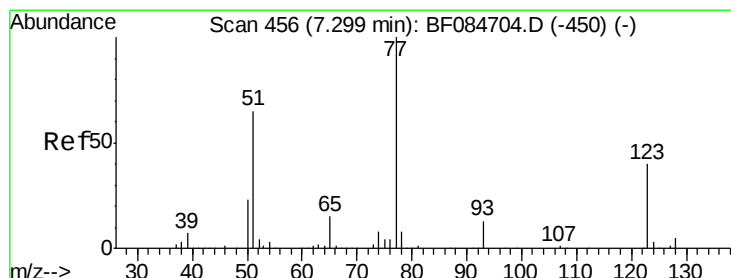
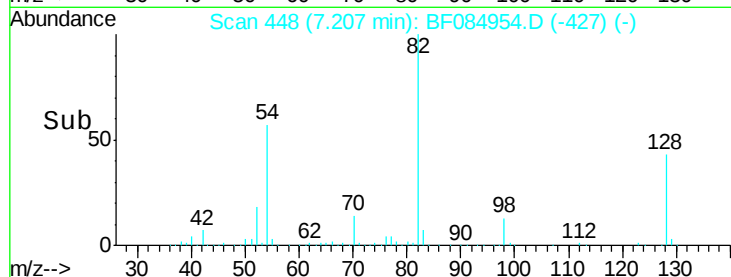
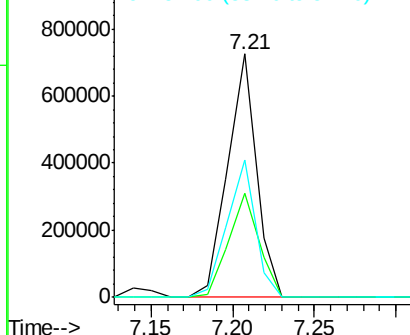
#23
 Nitrobenzene-d5
 Concen: 76.10 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Instrument :
 BNA_F
 ClientSampleID :
 PB88264BS

Tgt Ion: 82 Resp: 883138
 Ion Ratio Lower Upper
 82 100
 128 42.6 34.6 51.8
 54 56.6 38.4 57.6

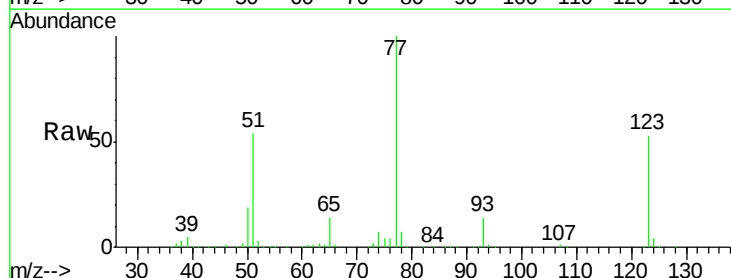


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

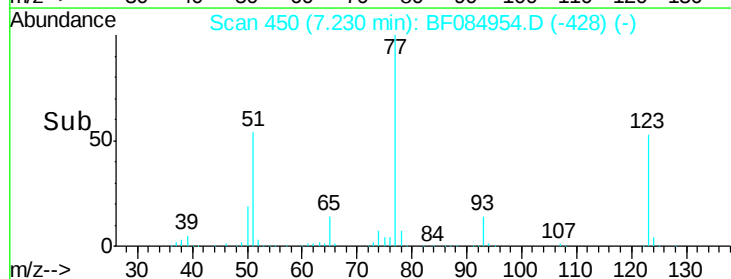
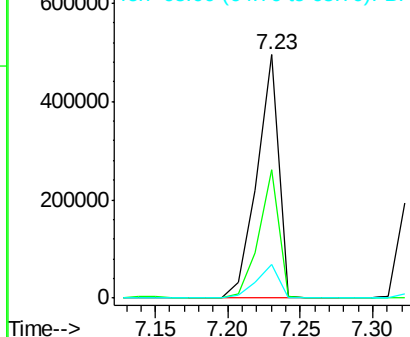


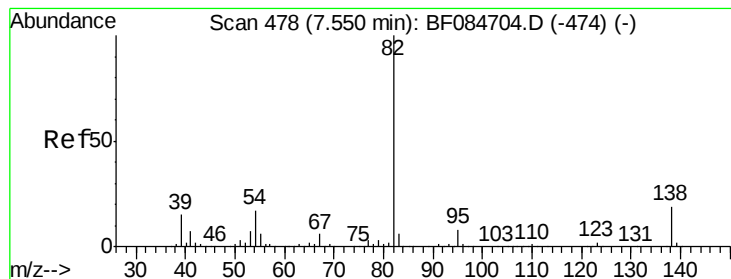
#24
 Nitrobenzene
 Concen: 41.56 ng
 RT: 7.23 min Scan# 450
 Delta R.T. -0.05 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion: 77 Resp: 516417
 Ion Ratio Lower Upper
 77 100
 123 52.7 37.4 56.2
 65 13.8 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: 38.97 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

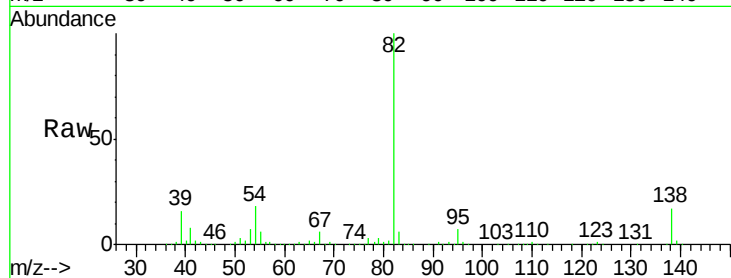
Tgt Ion: 82 Resp: 879384

Ion Ratio Lower Upper

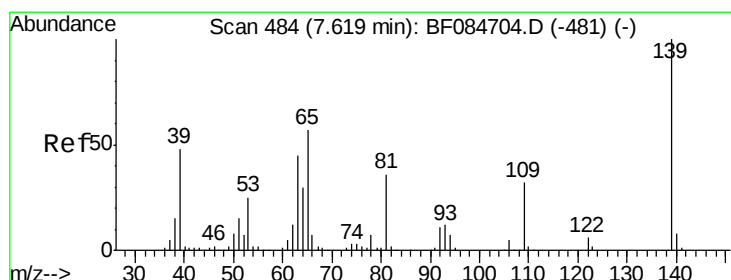
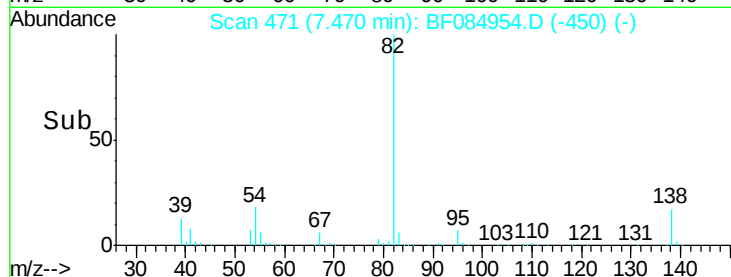
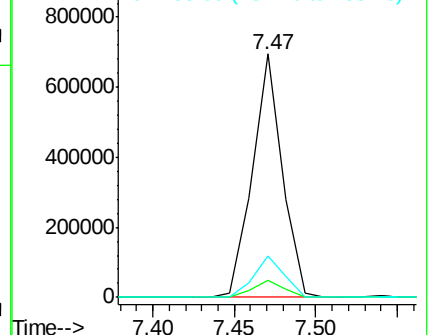
82 100

95 7.1 6.6 10.0

138 16.7 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: 40.45 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

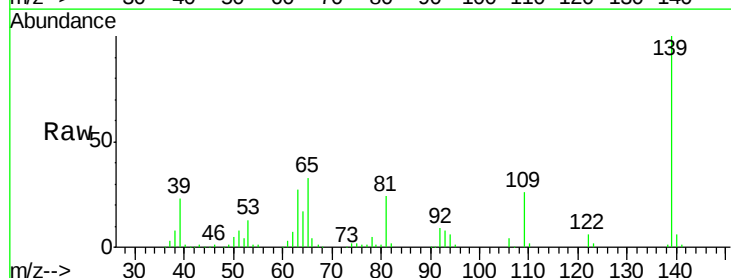
Tgt Ion: 139 Resp: 247939

Ion Ratio Lower Upper

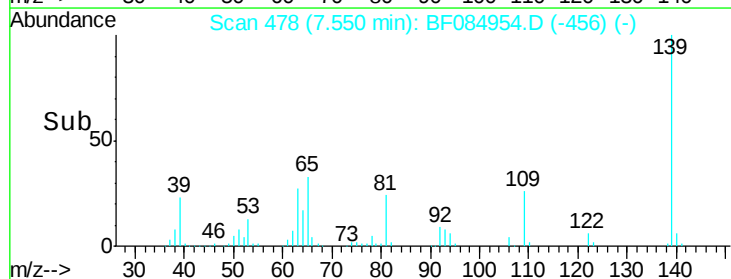
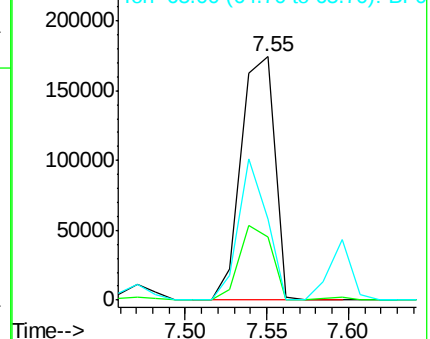
139 100

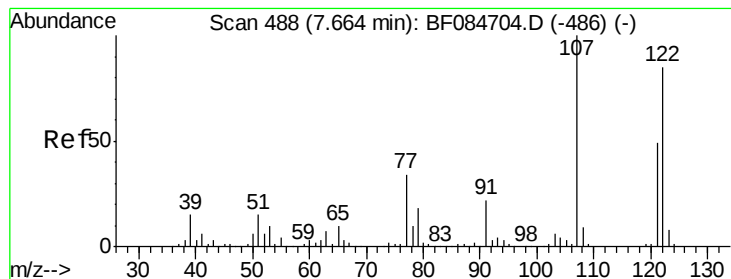
109 25.8 25.4 38.2

65 33.1 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

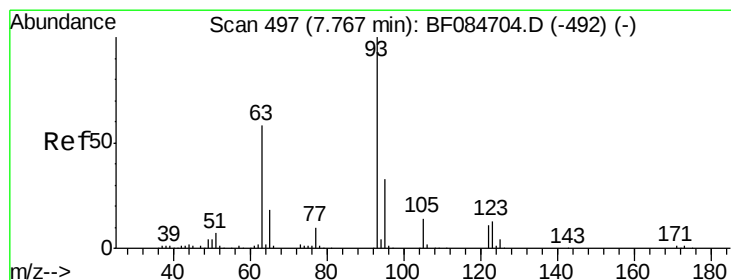
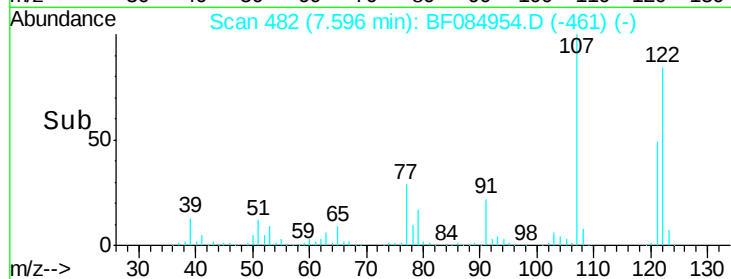
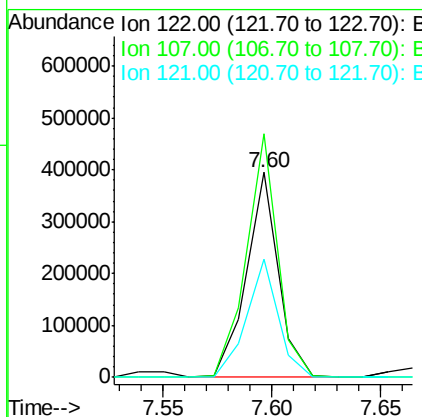
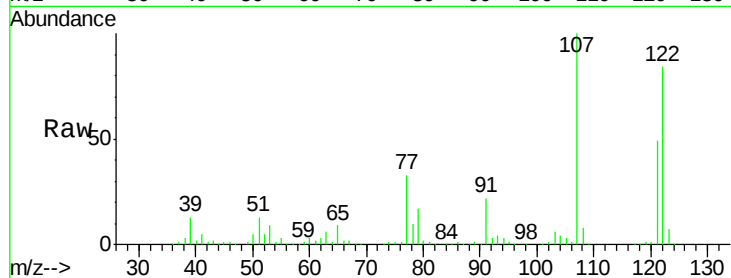




#27
 2,4-Dimethylphenol
 Concen: 37.71 ng
 RT: 7.60 min Scan# 482
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

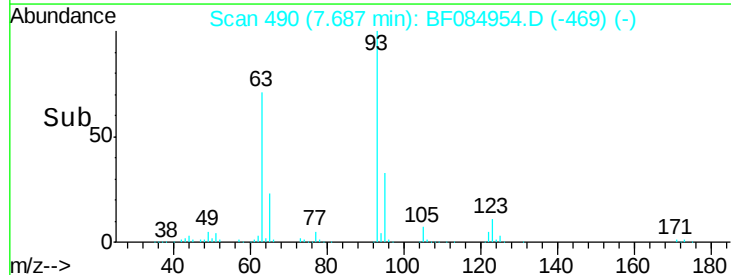
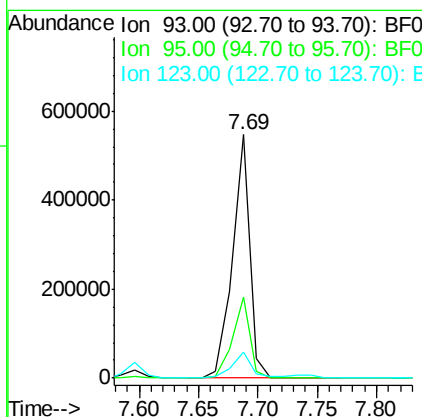
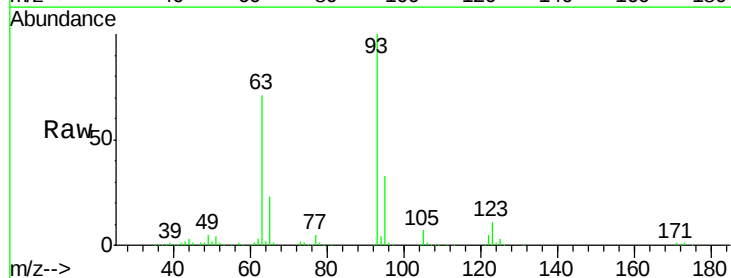
Instrument :
 BNA_F
 ClientSampleId :
 PB88264BS

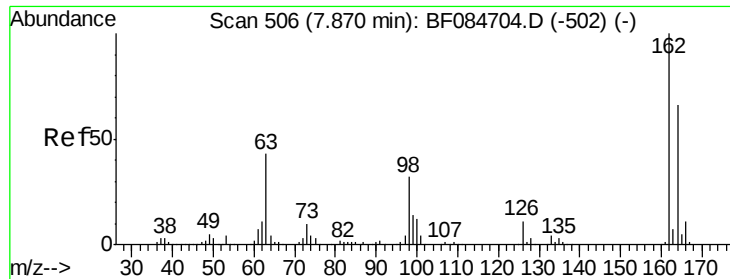
Tgt Ion:	122	Resp:	402039
Ion	Ratio	Lower	Upper
122	100		
107	118.9	99.1	148.7
121	58.0	47.9	71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.17 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion:	93	Resp:	551210
Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.8	38.6
123	10.9	8.6	12.8

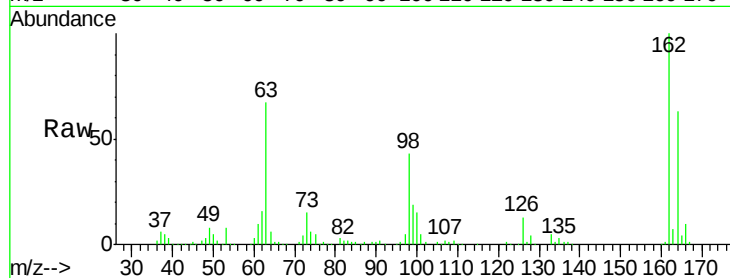




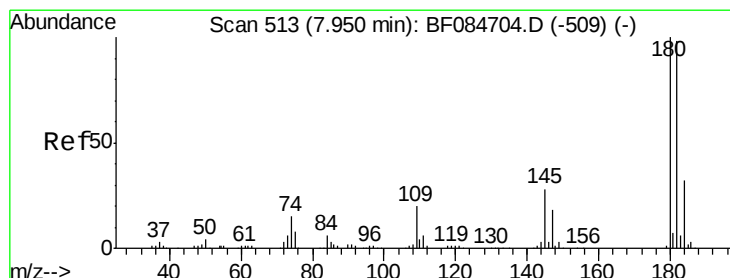
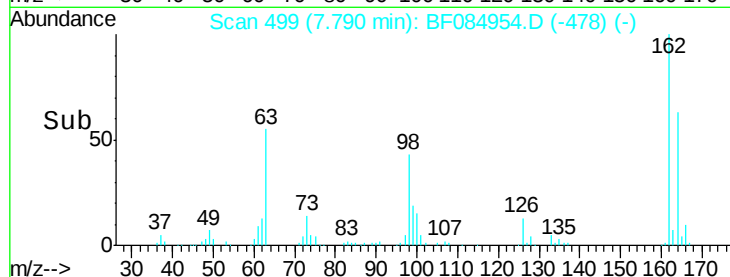
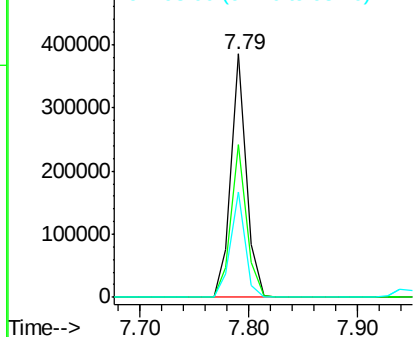
#29
 2,4-Dichlorophenol
 Concen: 41.50 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88264BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.1	84.1
98	43.1	20.2	60.2

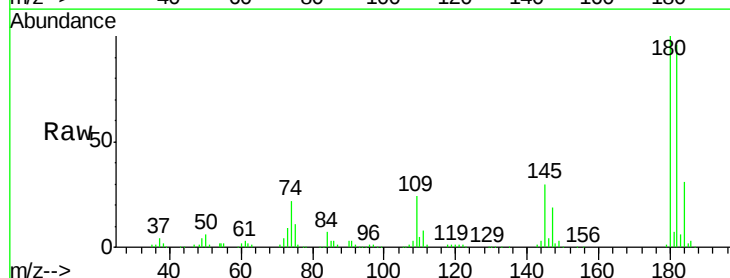


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

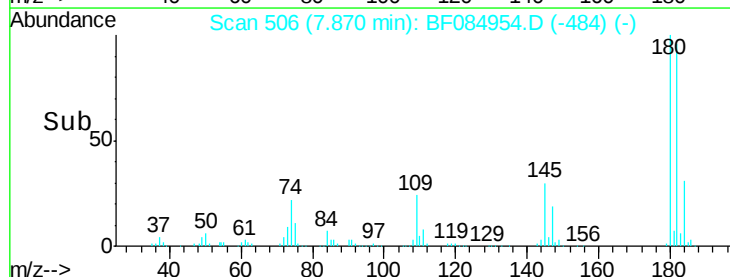
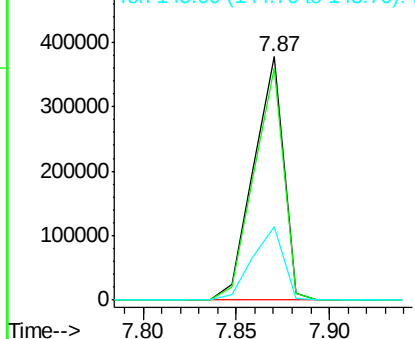


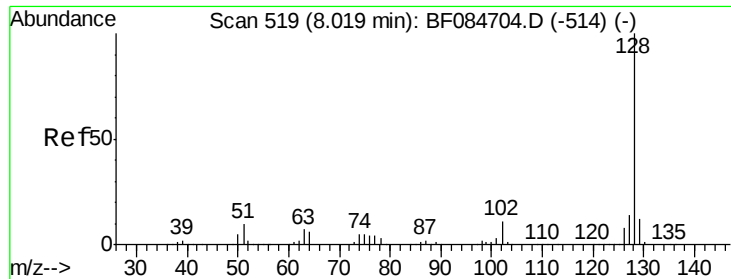
#30
 1,2,4-Trichlorobenzene
 Concen: 40.84 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
145	30.2	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

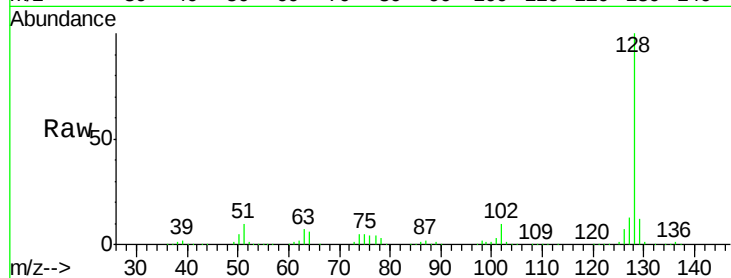




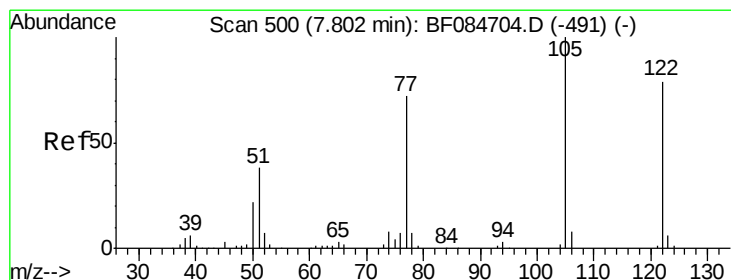
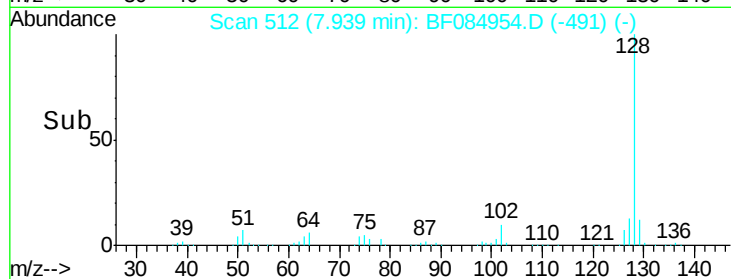
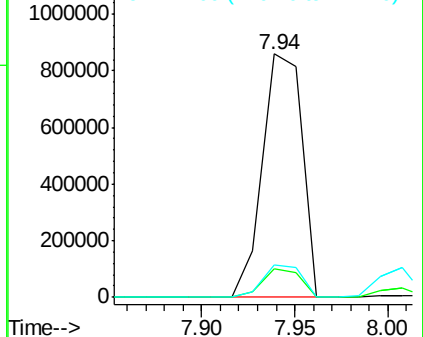
#31
Naphthalene
Concen: 38.50 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Instrument :
BNA_F
ClientSampleId :
PB88264BS

Tgt Ion:128 Resp: 1262365
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.5 11.1 16.7

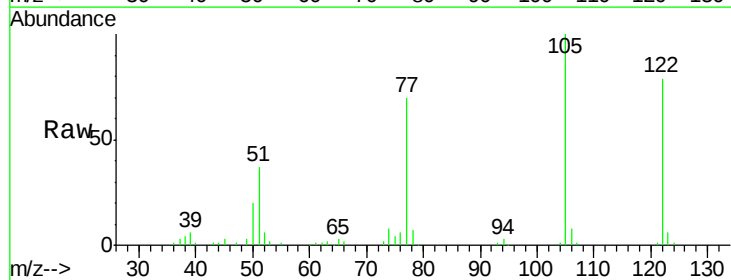


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

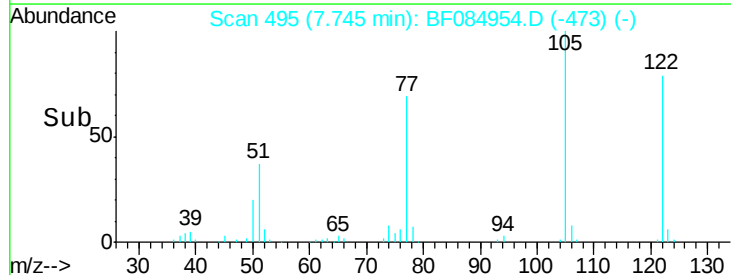
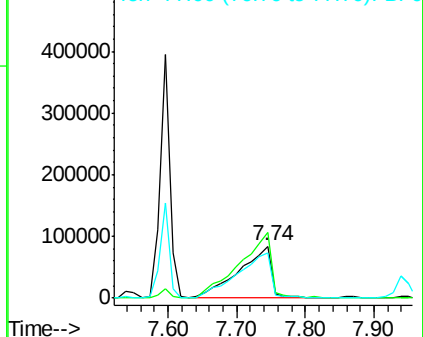


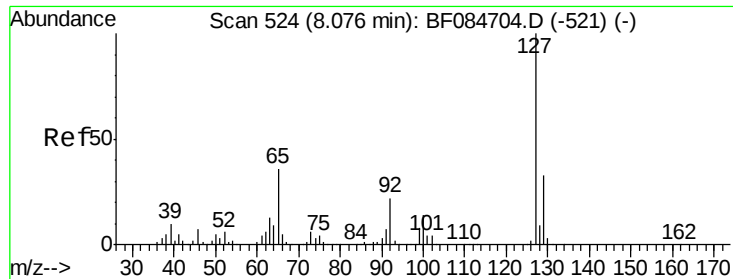
#32
Benzoic acid
Concen: 39.59 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.05 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion:122 Resp: 269949
Ion Ratio Lower Upper
122 100
105 126.4 100.3 140.3
77 88.4 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

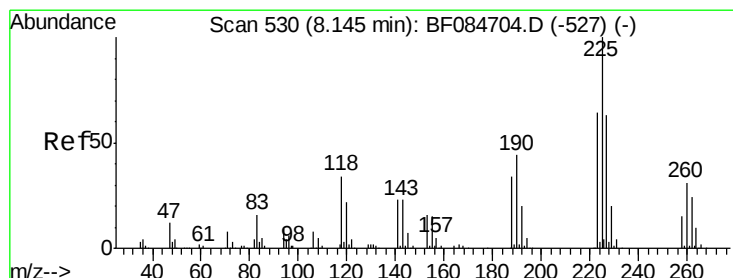
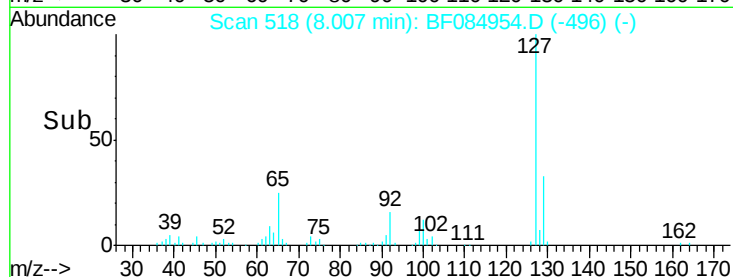
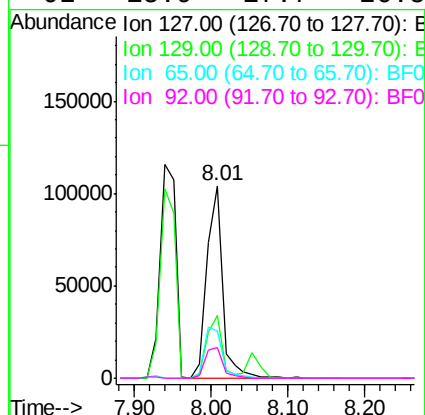
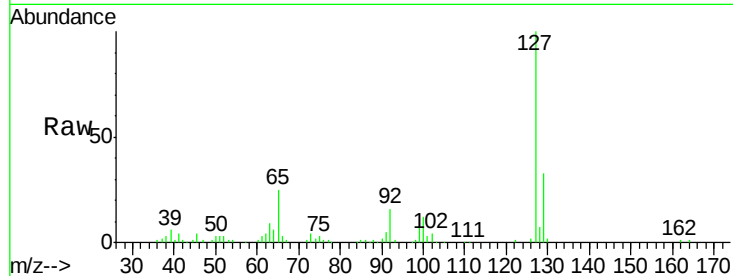




#33
4-Chloroaniline
Concen: 10.81 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.05 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

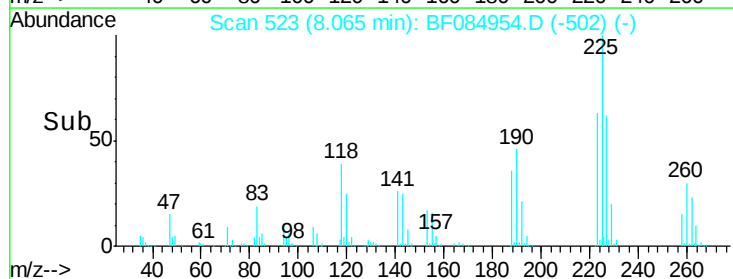
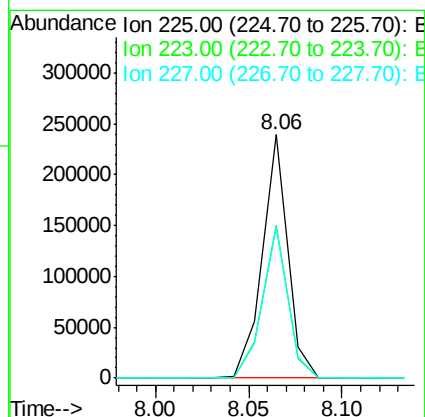
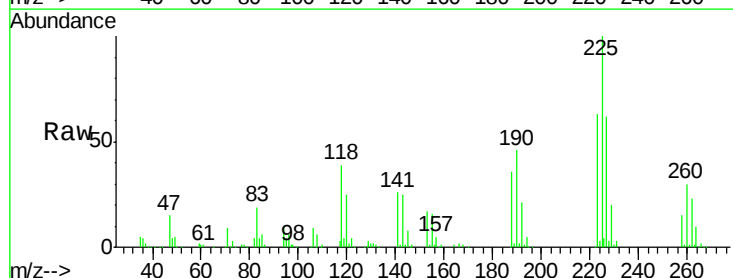
Instrument :
BNA_F
ClientSampleId :
PB88264BS

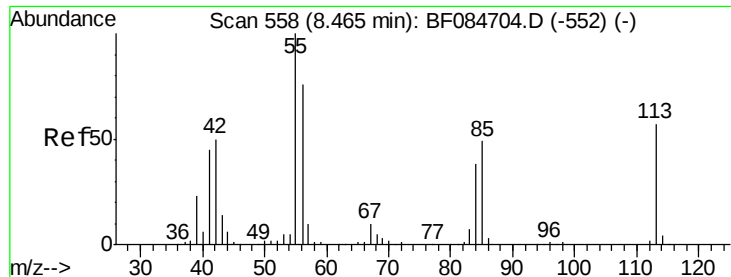
Tgt Ion:127 Resp: 146671
Ion Ratio Lower Upper
127 100
129 32.8 26.5 39.7
65 24.8 27.2 40.8#
92 15.9 17.7 26.5#



#34
Hexachlorobutadiene
Concen: 37.79 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion:225 Resp: 224513
Ion Ratio Lower Upper
225 100
223 62.6 49.4 74.0
227 62.4 50.8 76.2

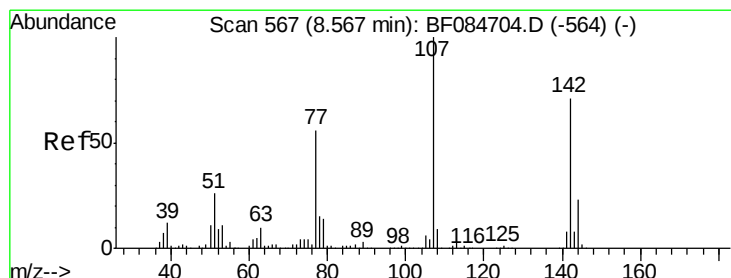
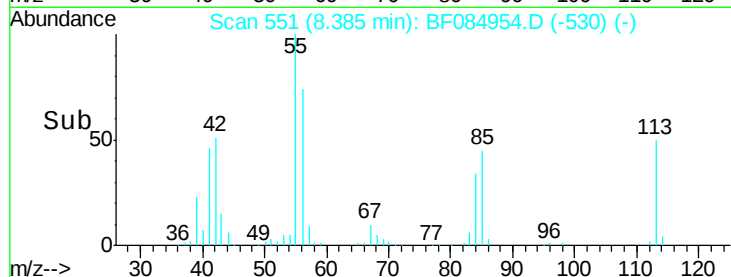
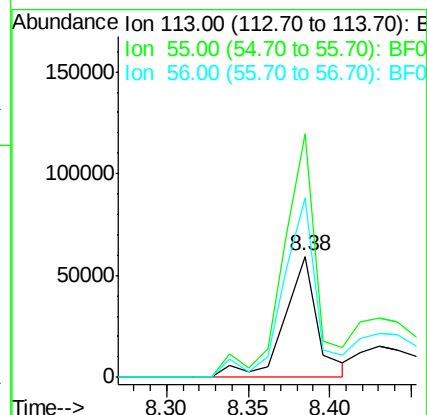
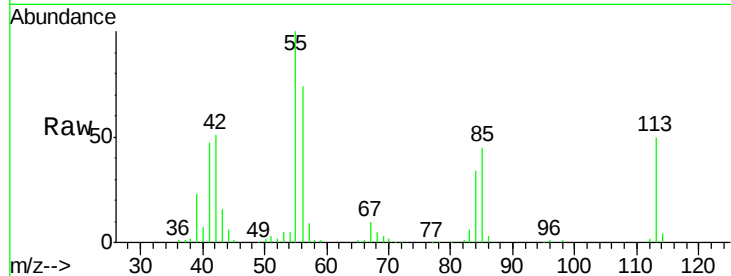




#35
 Caprolactam
 Concen: 29.95 ng
 RT: 8.38 min Scan# 551
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

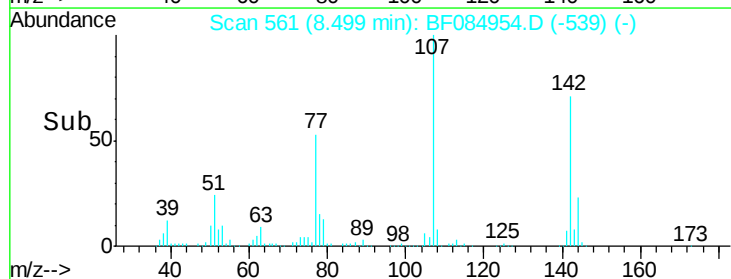
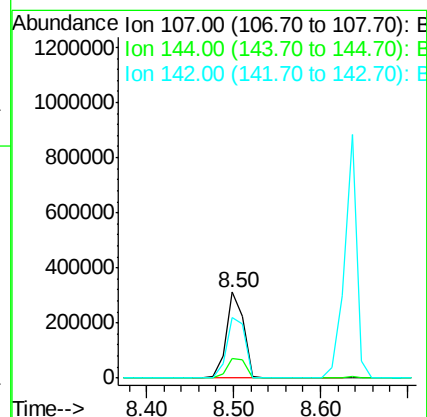
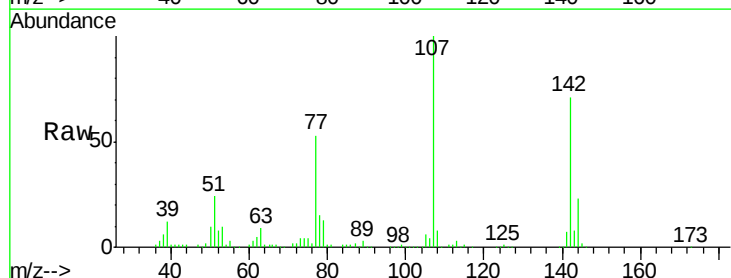
Instrument :
 BNA_F
 ClientSampleID :
 PB88264BS

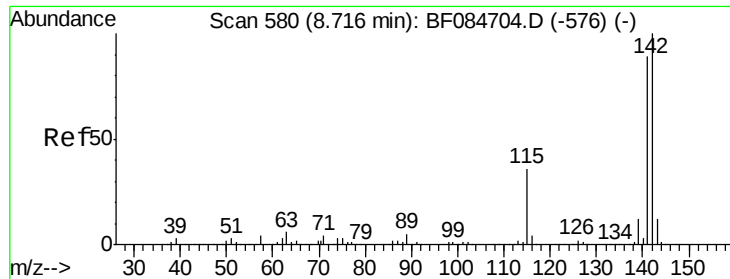
Tgt Ion:113 Resp: 84204
 Ion Ratio Lower Upper
 113 100
 55 200.9 116.9 156.9#
 56 148.5 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 41.52 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.05 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion:107 Resp: 432103
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.7 29.5
 142 71.3 61.8 92.6

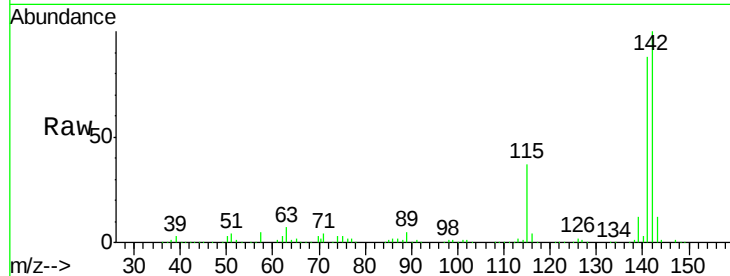




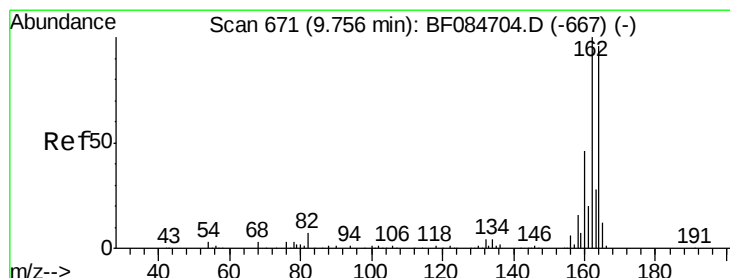
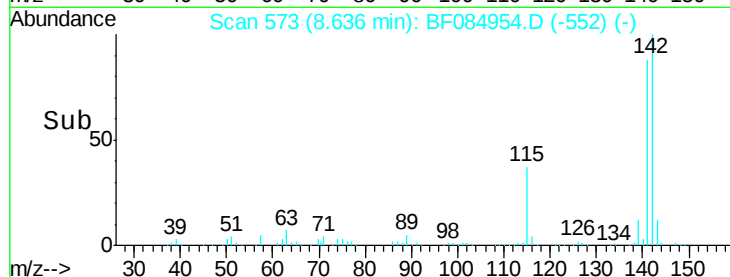
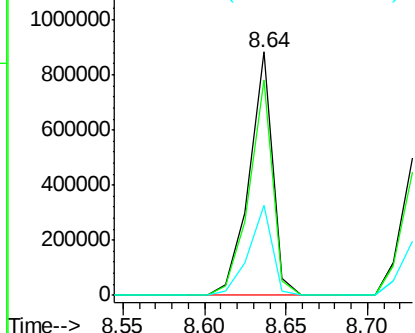
#37
 2-Methylnaphthalene
 Concen: 42.93 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88264BS

Tgt Ion:142 Resp: 881019
 Ion Ratio Lower Upper
 142 100
 141 88.4 72.4 108.6
 115 37.1 27.9 41.9

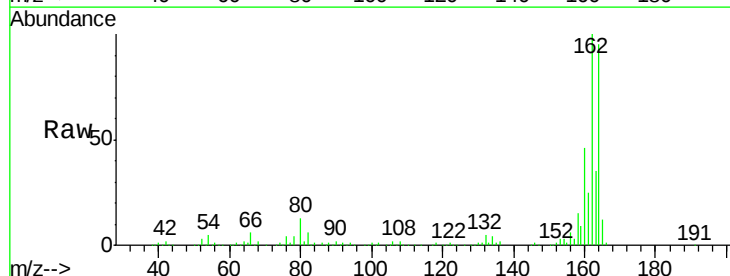


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

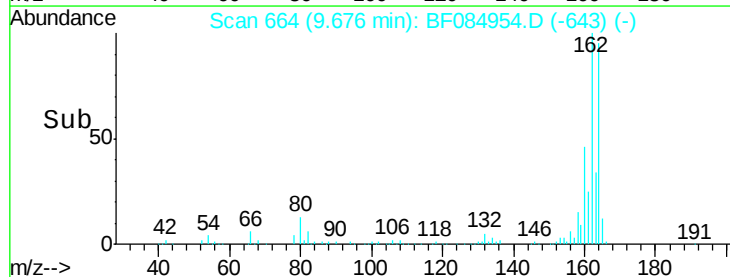
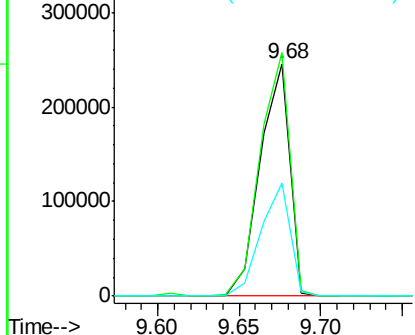


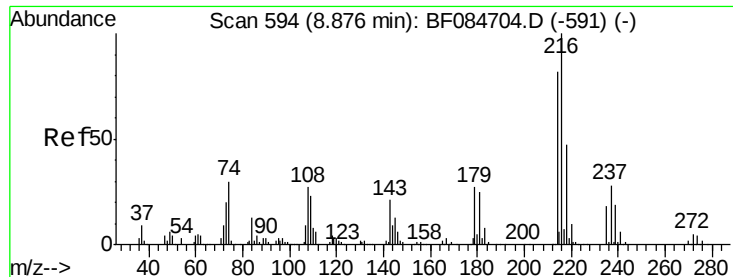
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 664
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion:164 Resp: 309633
 Ion Ratio Lower Upper
 164 100
 162 104.8 85.1 127.7
 160 48.7 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

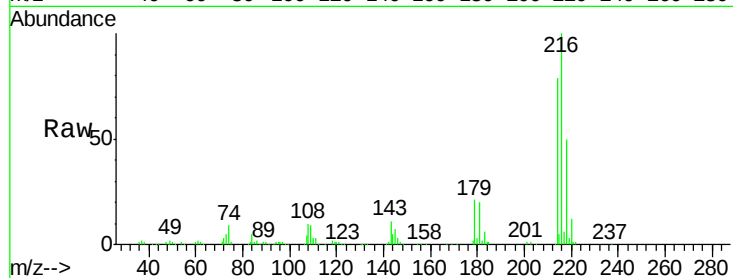




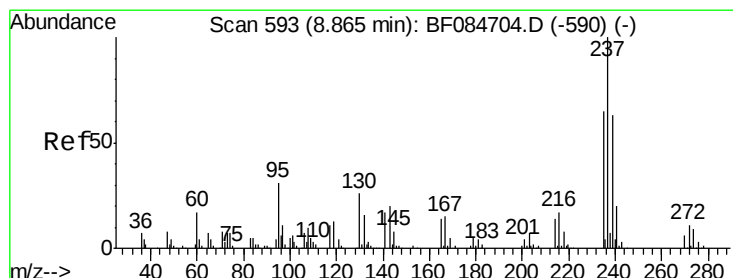
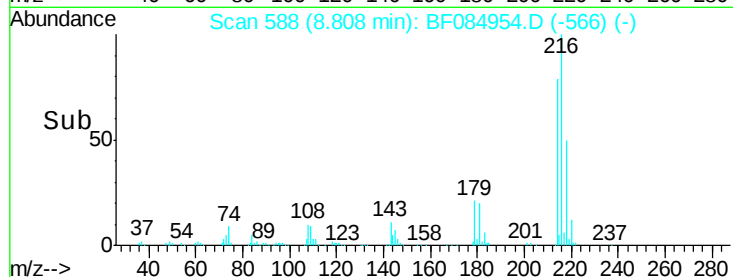
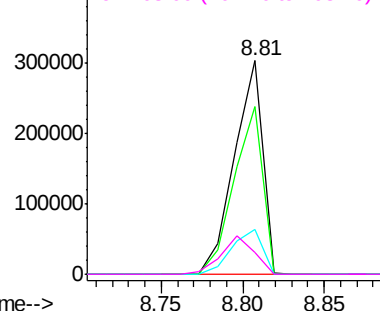
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.32 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.05 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88264BS

Tgt Ion:	216	Resp:	366975
Ion	Ratio	Lower	Upper
216	100		
214	79.6	64.2	96.2
179	22.9	18.7	28.1
108	20.7	16.8	25.2

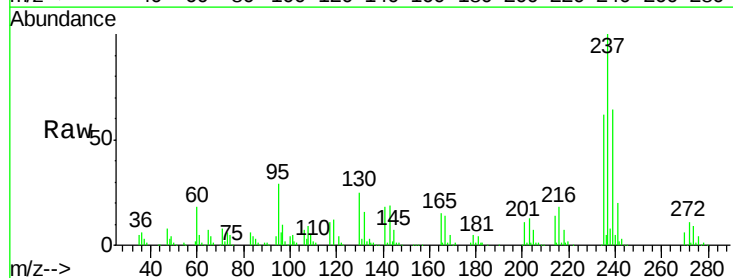


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

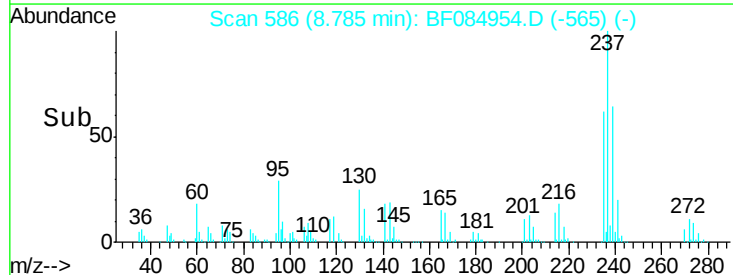
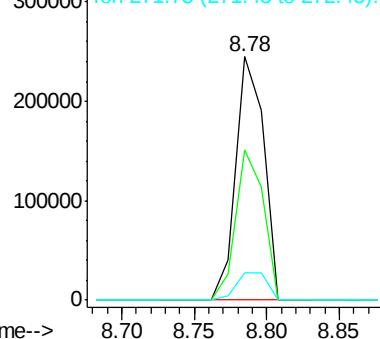


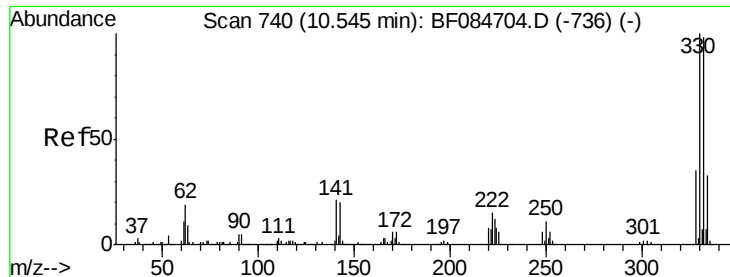
#40
 Hexachlorocyclopentadiene
 Concen: 76.70 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion:	237	Resp:	327358
Ion	Ratio	Lower	Upper
237	100		
235	61.7	43.1	83.1
272	11.2	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

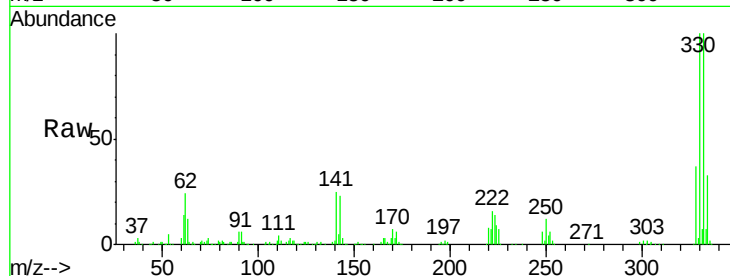




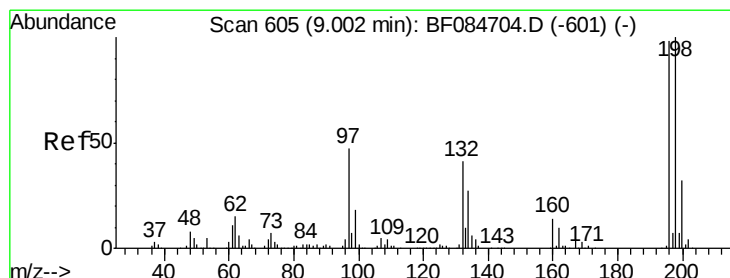
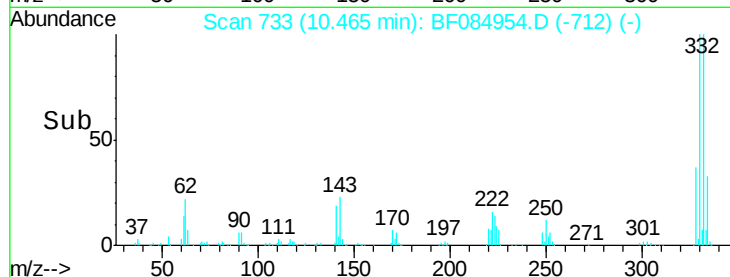
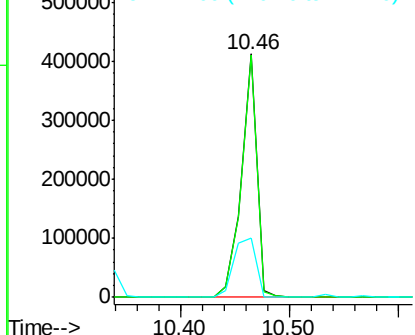
#41
 2,4,6-Tribromophenol
 Concen: 124.80 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Instrument :
 BNA_F
 ClientSampled :
 PB88264BS

Tgt Ion:330 Resp: 403058
 Ion Ratio Lower Upper
 330 100
 332 99.4 76.6 114.8
 141 35.9 27.8 41.6

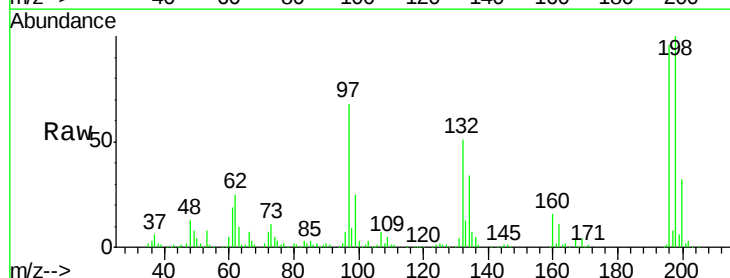


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

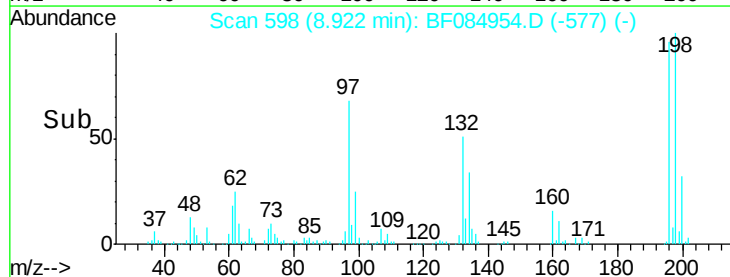
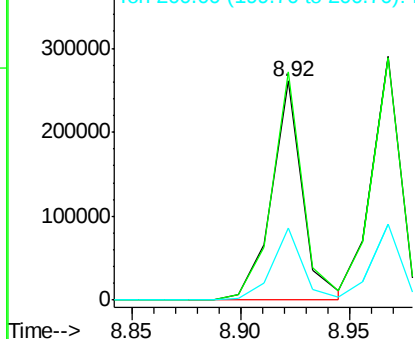


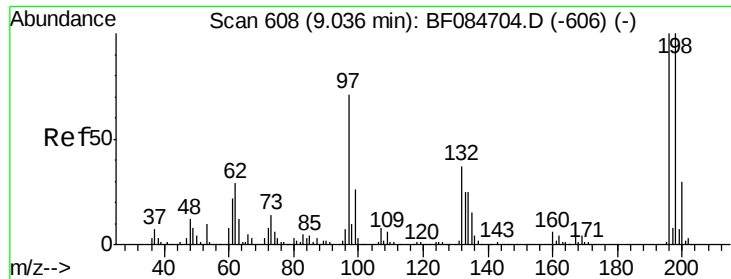
#42
 2,4,6-Trichlorophenol
 Concen: 41.11 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion:196 Resp: 260412
 Ion Ratio Lower Upper
 196 100
 198 104.0 77.7 116.5
 200 33.1 24.6 37.0



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

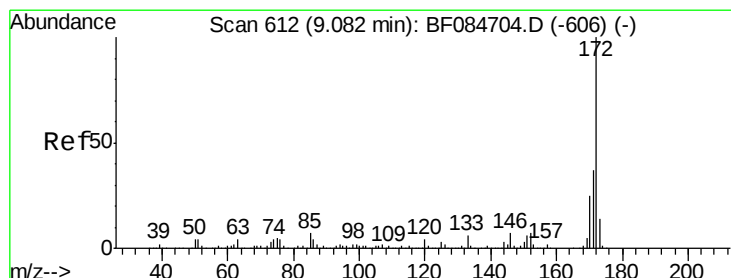
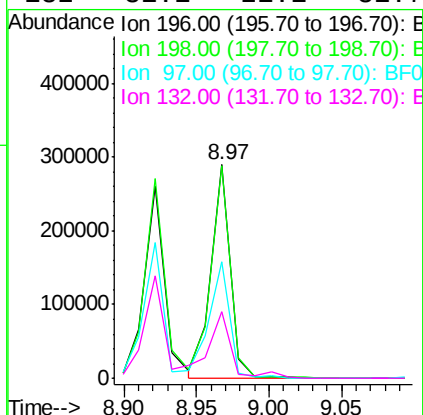
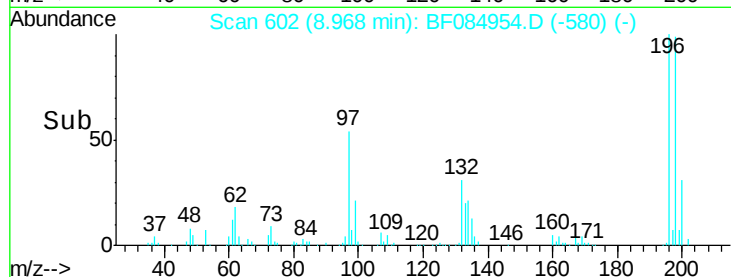
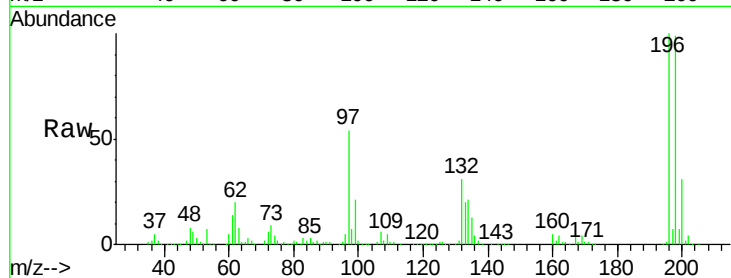




#43
 2,4,5-Trichlorophenol
 Concen: 41.46 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.05 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

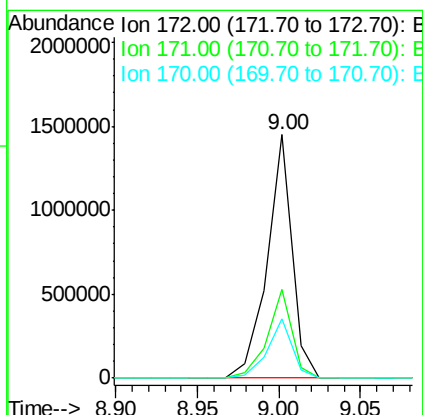
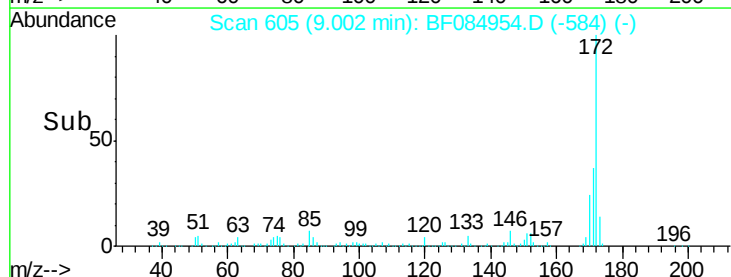
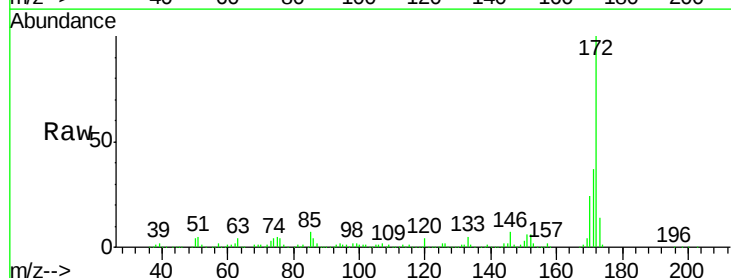
Instrument :
 BNA_F
 ClientSampleId :
 PB88264BS

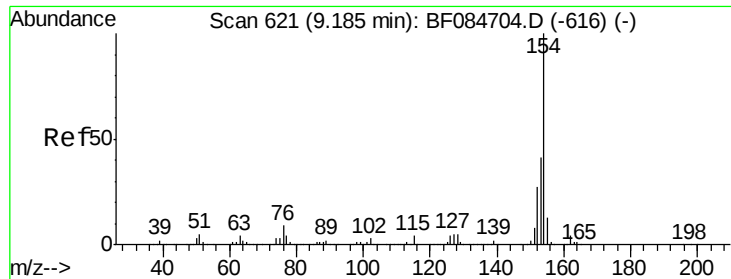
Tgt Ion:196 Resp: 266853
 Ion Ratio Lower Upper
 196 100
 198 99.3 79.0 118.6
 97 54.4 33.0 49.6#
 132 31.1 21.1 31.7



#44
 2-Fluorobiphenyl
 Concen: 83.45 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion:172 Resp: 1543955
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.2 18.6 27.8





#45

1,1'-Biphenyl

Concen: 40.55 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

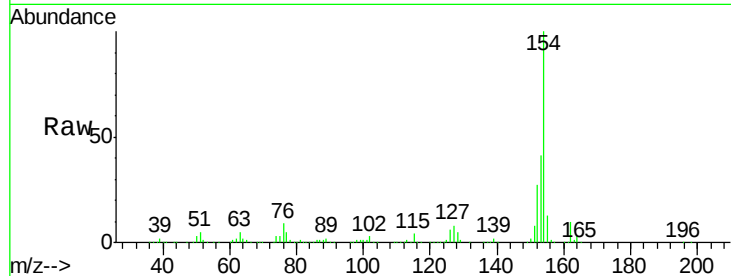
Tgt Ion:154 Resp: 1121400

Ion Ratio Lower Upper

154 100

153 40.5 21.6 61.6

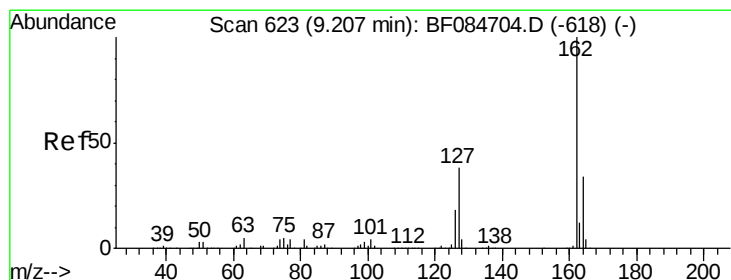
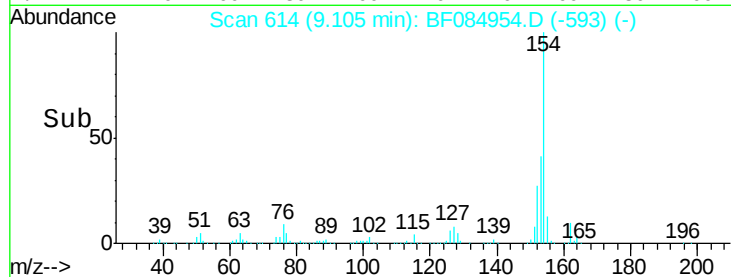
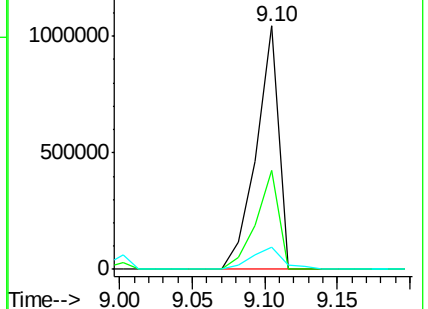
76 8.9 0.0 32.7



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: 39.83 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

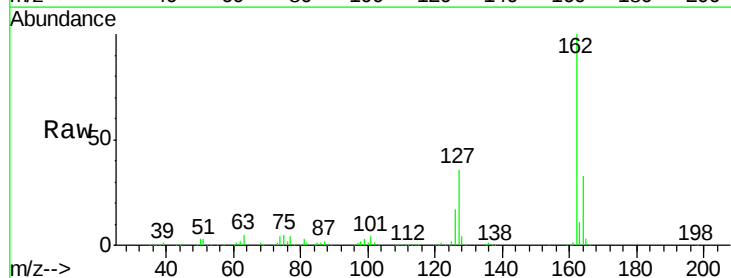
Tgt Ion:162 Resp: 811218

Ion Ratio Lower Upper

162 100

127 35.9 40.2 60.4#

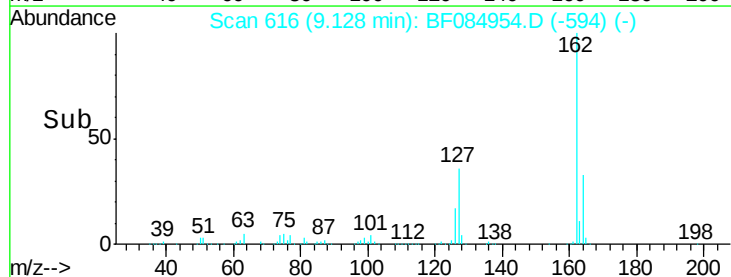
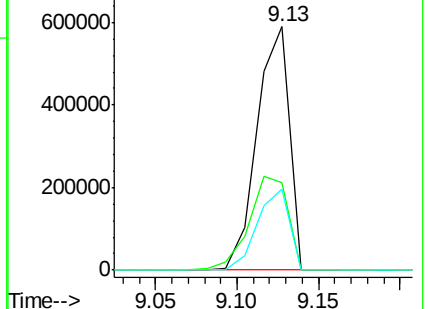
164 33.5 25.7 38.5

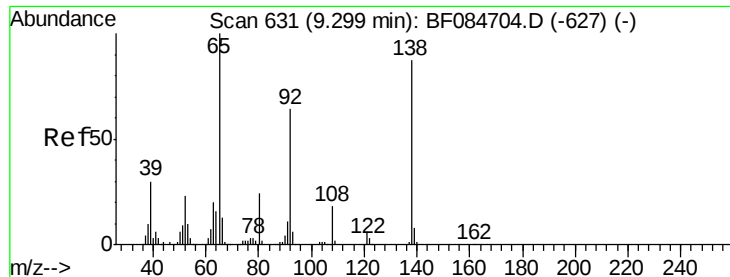


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

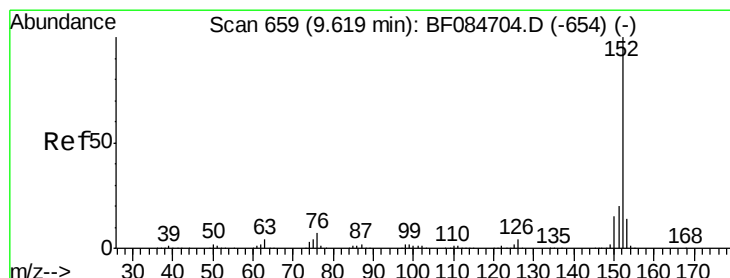
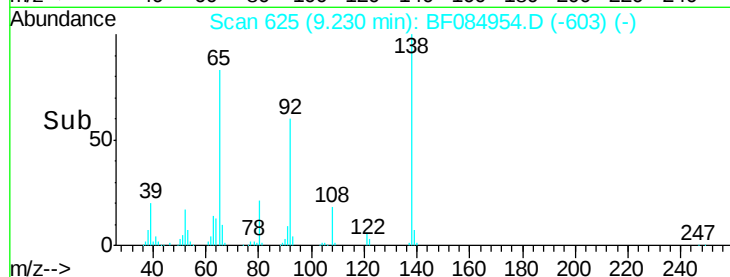
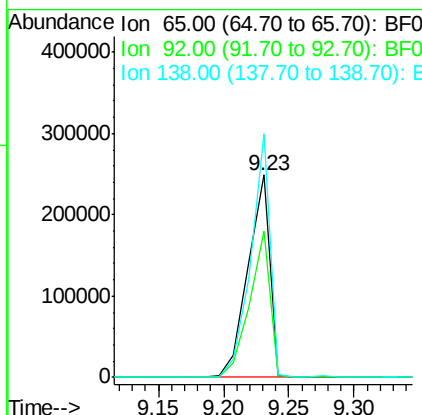
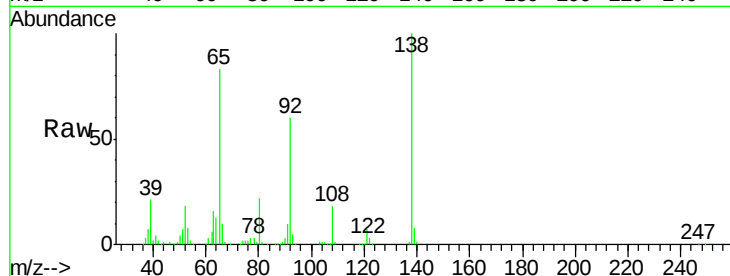




#47
2-Nitroaniline
Concen: 44.80 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.05 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

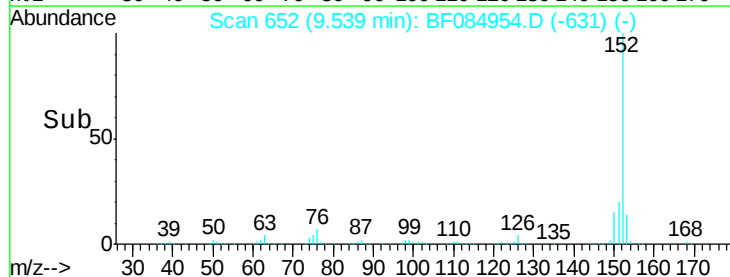
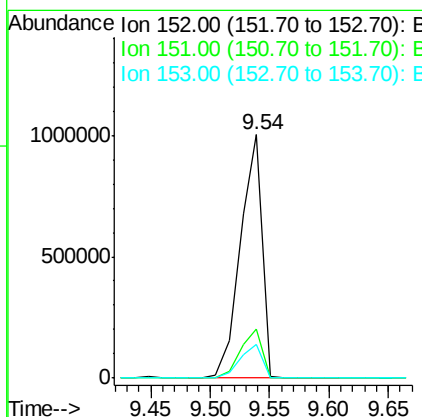
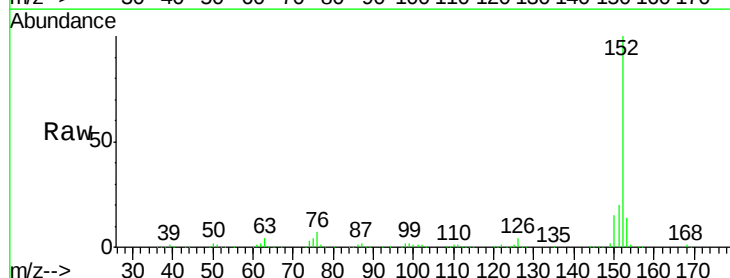
Instrument :
BNA_F
ClientSampleId :
PB88264BS

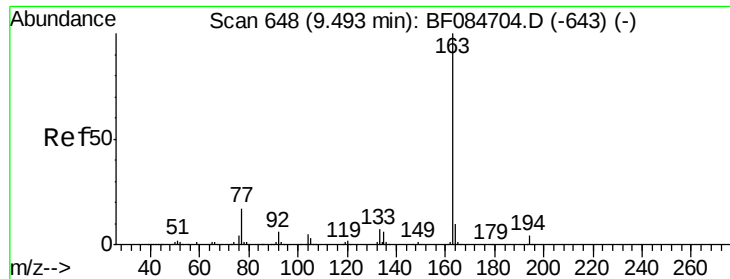
Tgt Ion: 65 Resp: 288882
Ion Ratio Lower Upper
65 100
92 72.6 53.4 80.2
138 120.4 71.1 106.7#



#48
Acenaphthylene
Concen: 41.11 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion: 152 Resp: 1270597
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.9 10.4 15.6





#49

Dimethylphthalate

Concen: 39.10 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

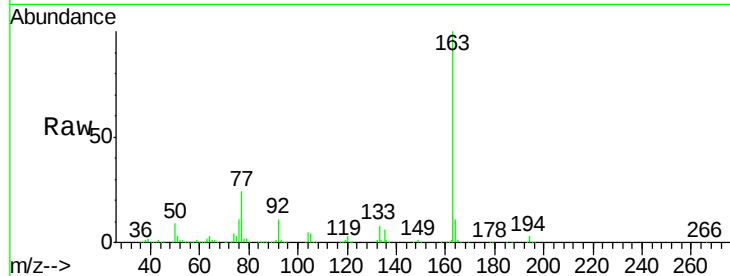
Tgt Ion:163 Resp: 921991

Ion Ratio Lower Upper

163 100

194 3.0 8.0 12.0#

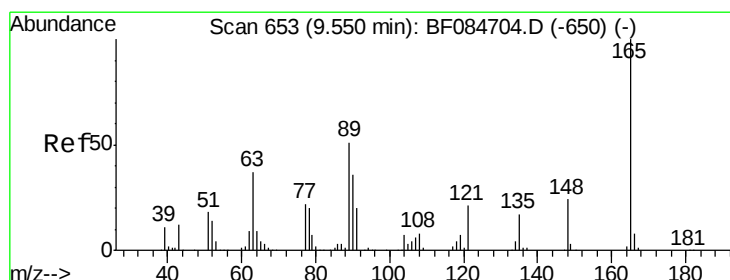
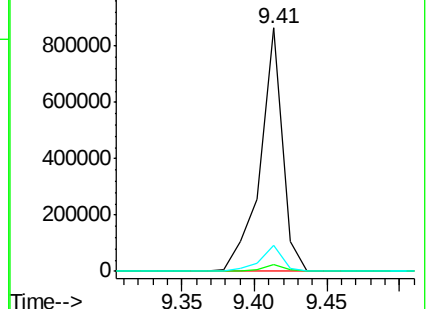
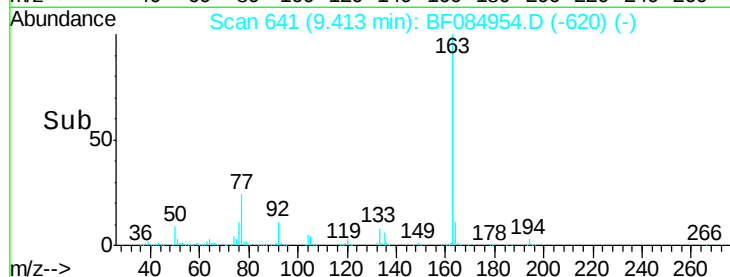
164 10.7 8.0 12.0



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: 36.92 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

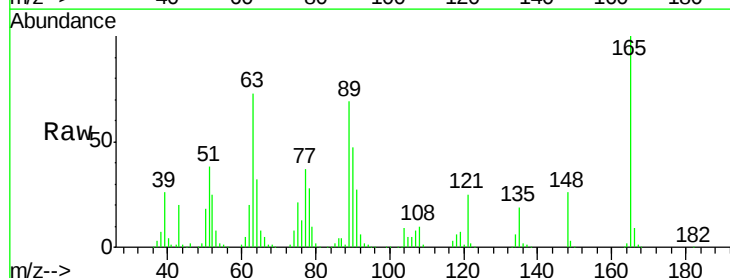
Tgt Ion:165 Resp: 190208

Ion Ratio Lower Upper

165 100

63 73.0 28.8 43.2#

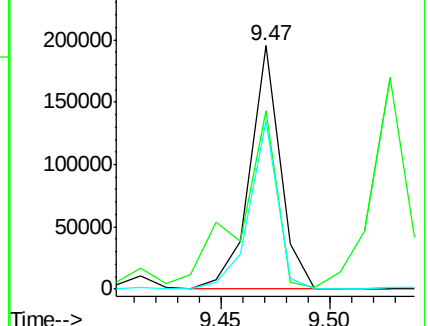
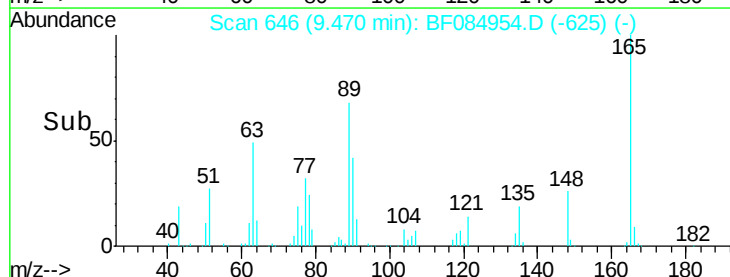
89 69.0 35.1 52.7#

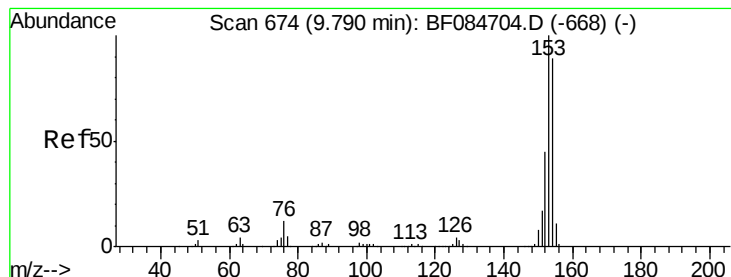


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.34 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

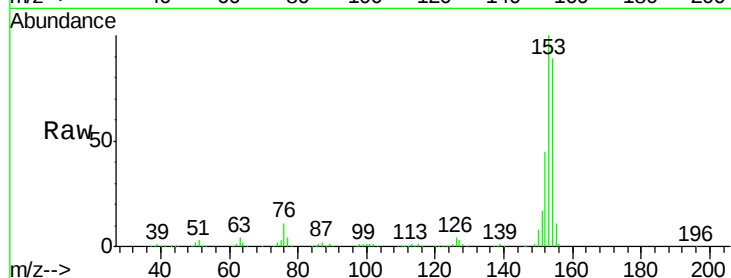
Tgt Ion:154 Resp: 791126

Ion Ratio Lower Upper

154 100

153 112.2 91.5 137.3

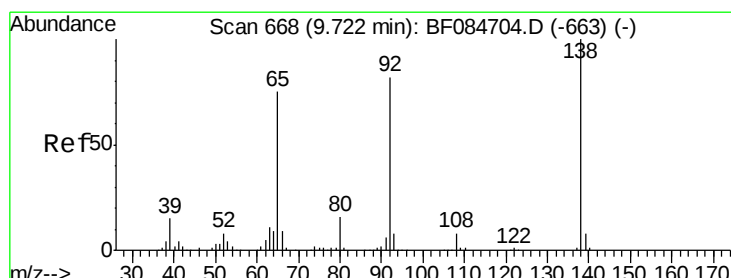
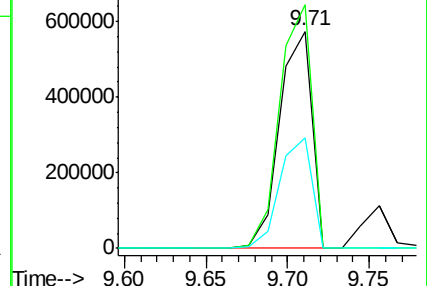
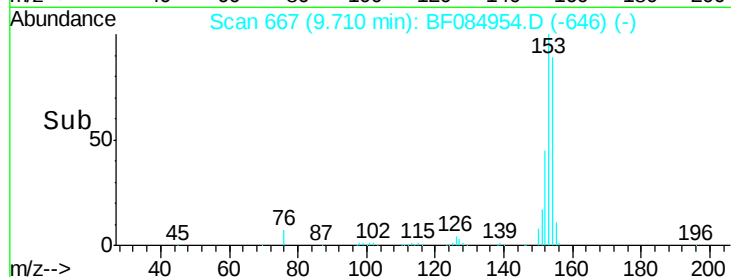
152 50.7 43.0 64.6



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: 17.79 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

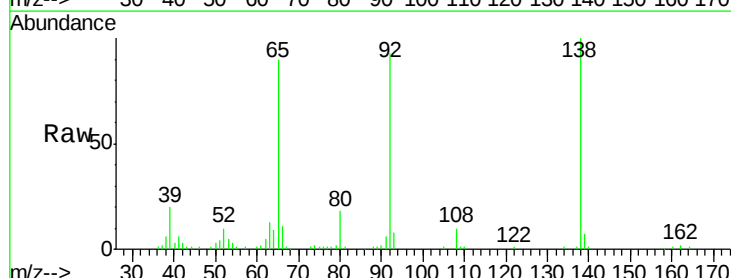
Tgt Ion:138 Resp: 103004

Ion Ratio Lower Upper

138 100

108 9.6 10.5 15.7#

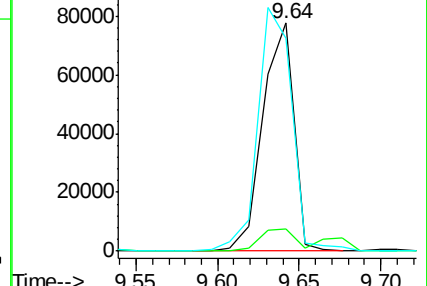
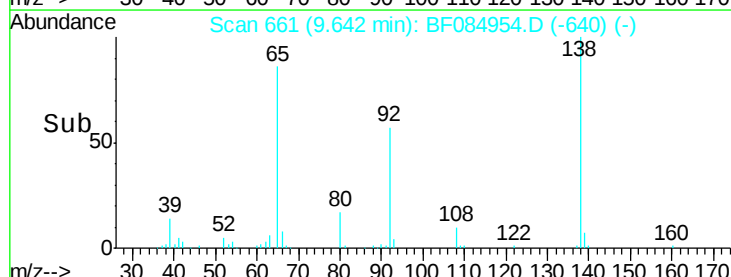
92 93.3 103.9 155.9#

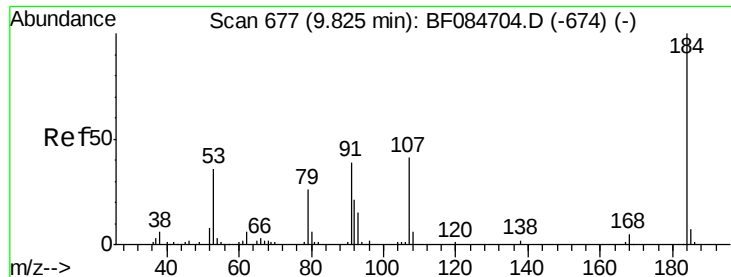


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

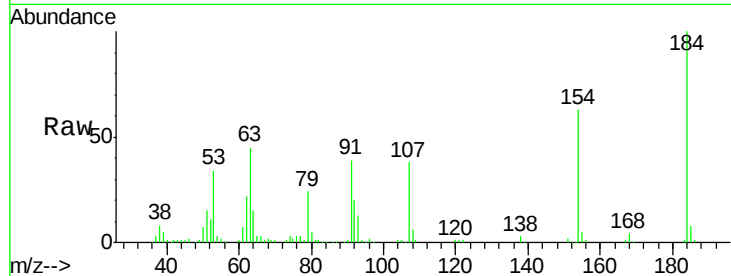




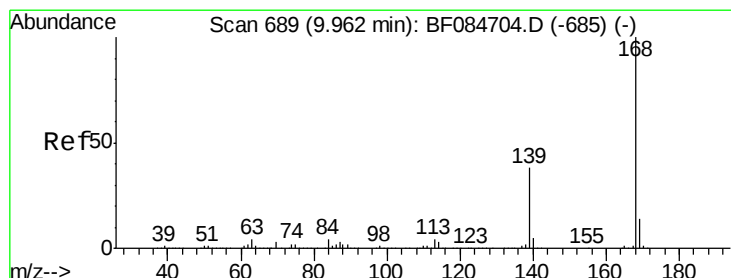
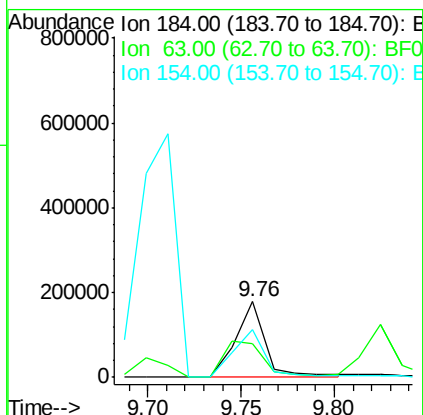
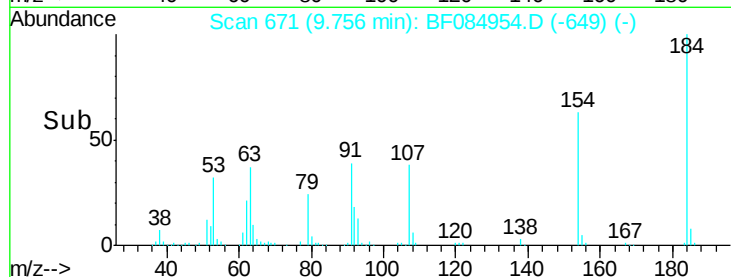
#53
 2,4-Dinitrophenol
 Concen: 83.80 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.05 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88264BS

Tgt Ion:184 Resp: 199968
 Ion Ratio Lower Upper
 184 100
 63 45.1 43.1 64.7
 154 63.0 60.5 90.7

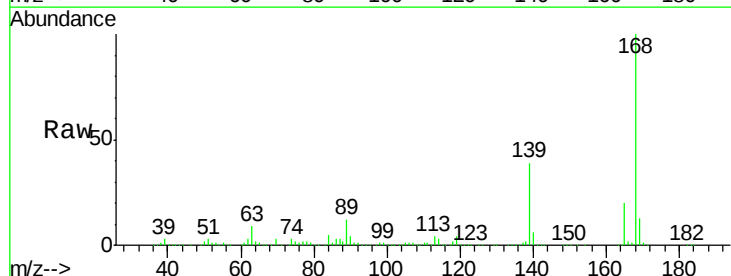


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

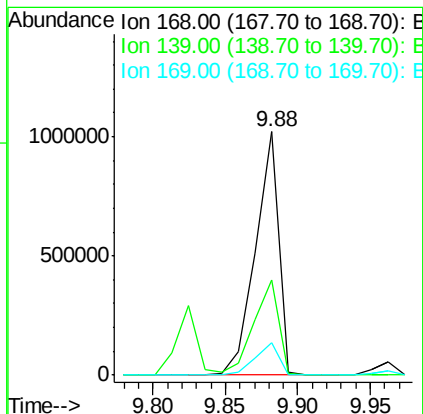
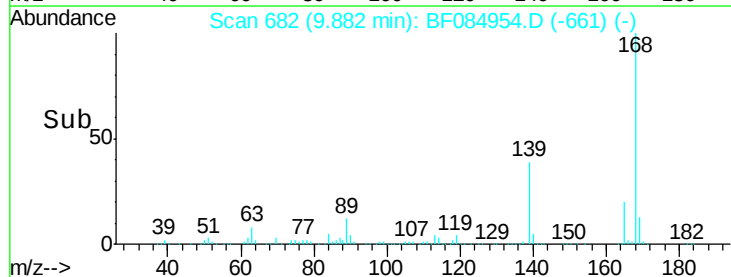


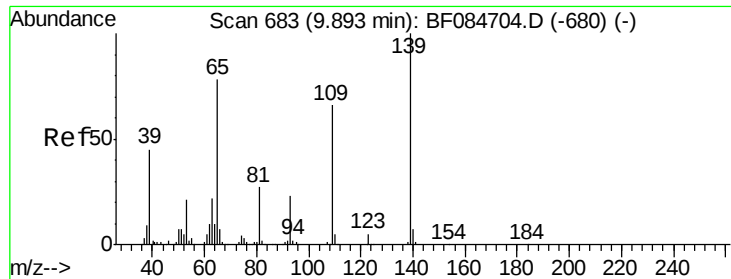
#54
 Dibenzofuran
 Concen: 46.02 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion:168 Resp: 1130902
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.5 45.7
 169 13.3 10.4 15.6



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

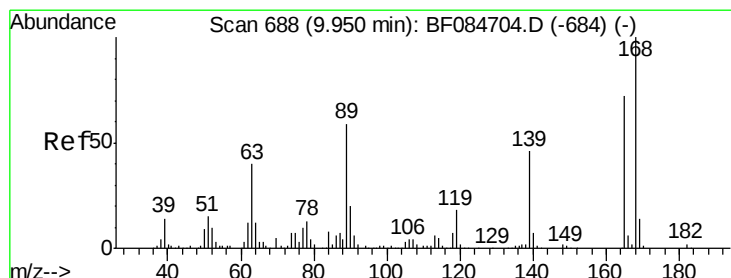
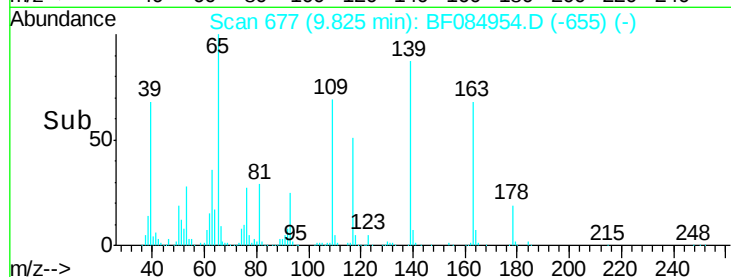
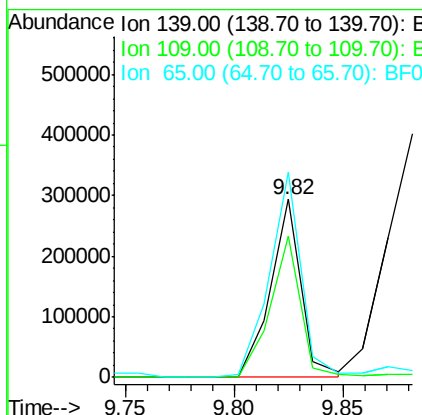
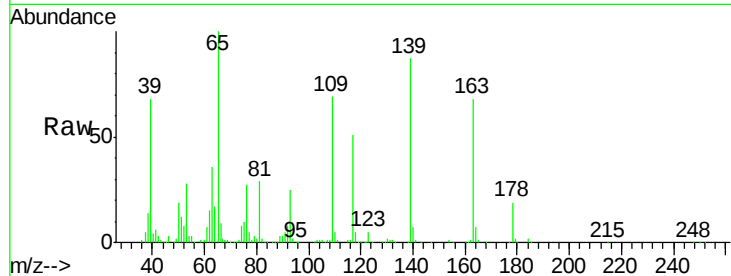




#55
4-Nitrophenol
Concen: 68.53 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.05 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

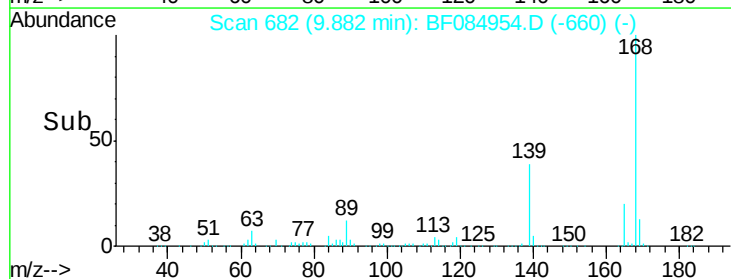
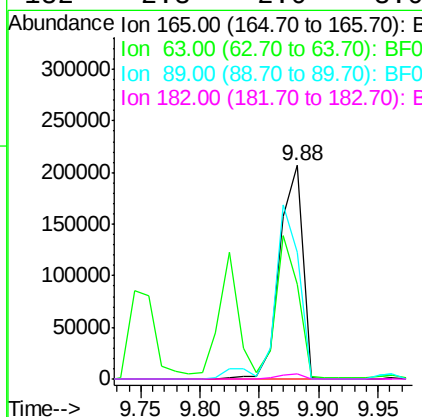
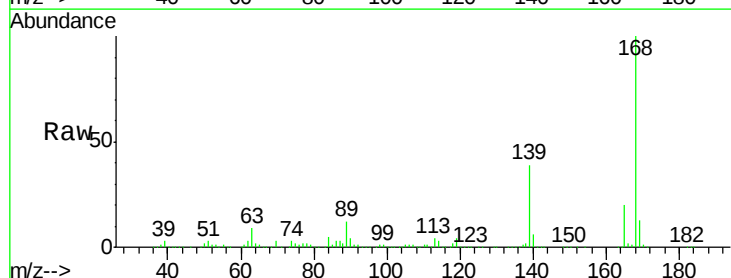
Instrument :
BNA_F
ClientSampleId :
PB88264BS

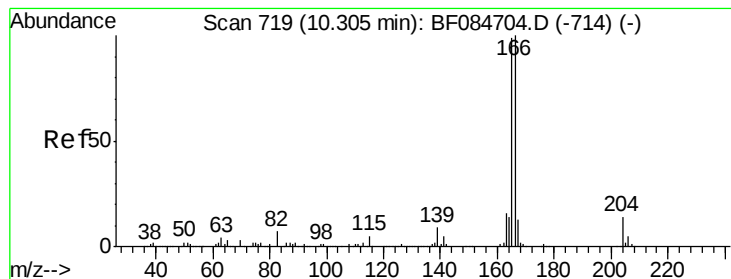
Tgt Ion:139 Resp: 291566
Ion Ratio Lower Upper
139 100
109 79.6 58.5 98.5
65 115.6 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 41.92 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion:165 Resp: 275482
Ion Ratio Lower Upper
165 100
63 44.4 36.7 55.1
89 59.6 61.9 92.9#
182 2.3 2.0 3.0





#57

Fluorene

Concen: 42.10 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

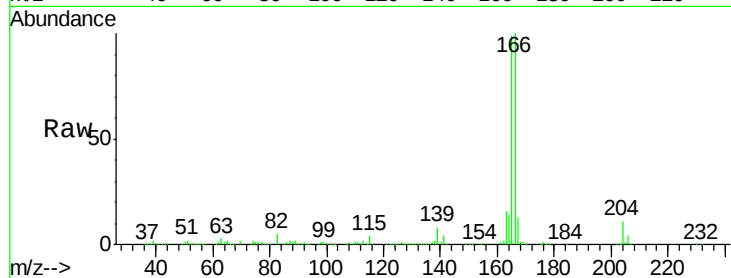
Tgt Ion:166 Resp: 864031

Ion Ratio Lower Upper

166 100

165 99.0 79.1 118.7

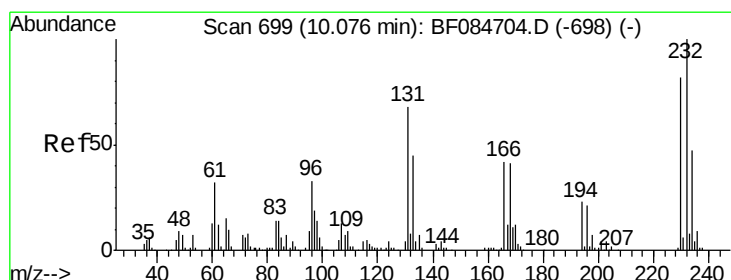
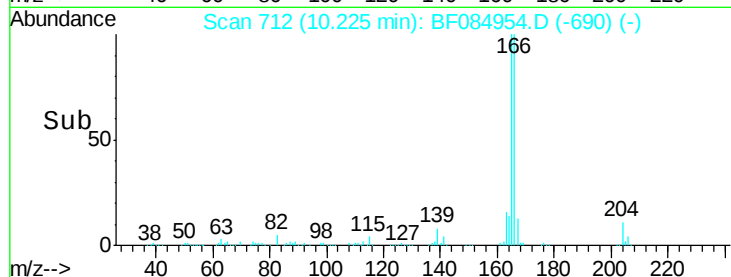
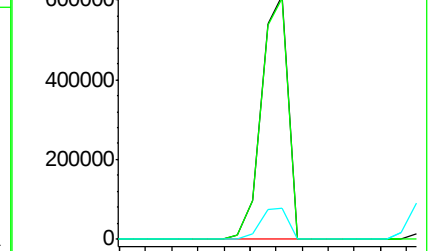
167 13.0 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.53 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Tgt Ion:232 Resp: 218222

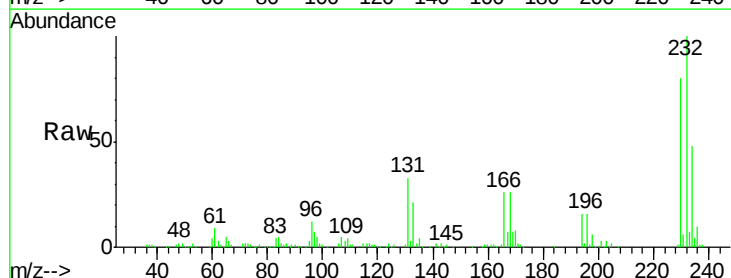
Ion Ratio Lower Upper

232 100

131 48.6 47.0 70.6

130 2.1 2.0 3.0

166 32.1 30.5 45.7

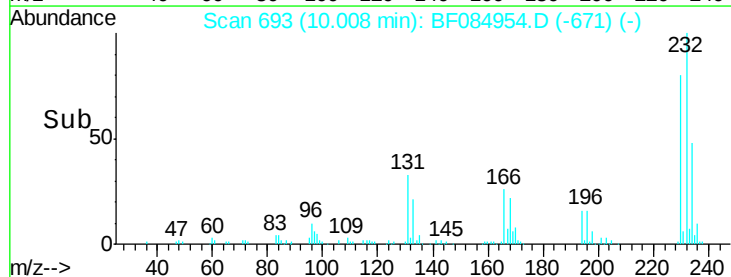
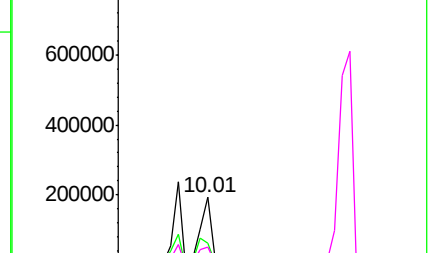


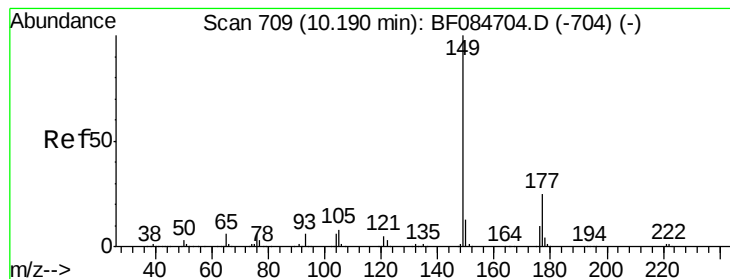
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.16 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

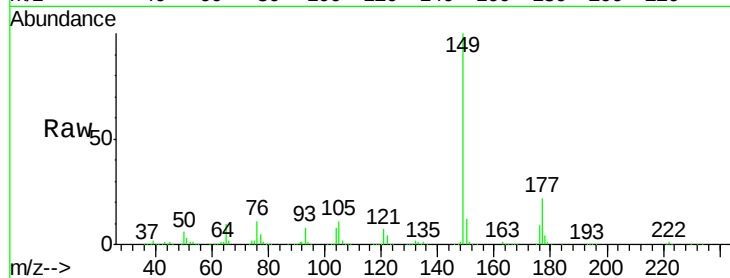
Tgt Ion:149 Resp: 947864

Ion Ratio Lower Upper

149 100

177 21.8 17.3 25.9

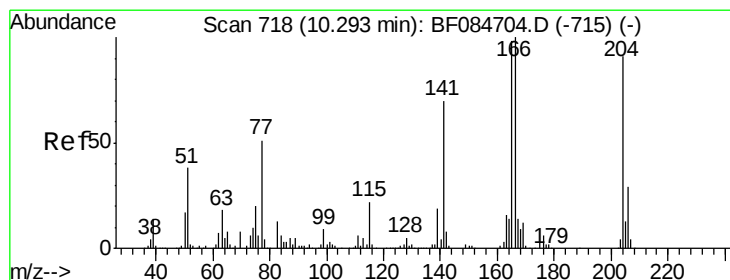
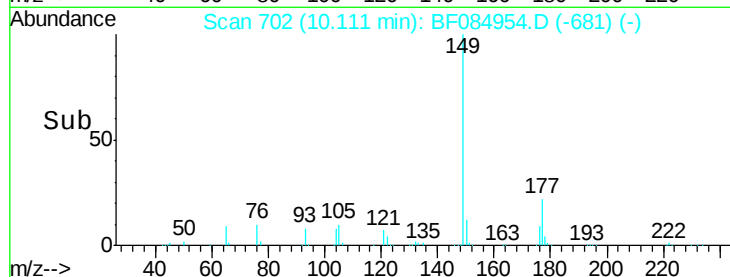
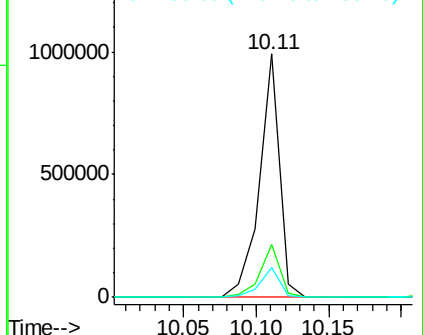
150 12.4 9.8 14.8



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: 42.21 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

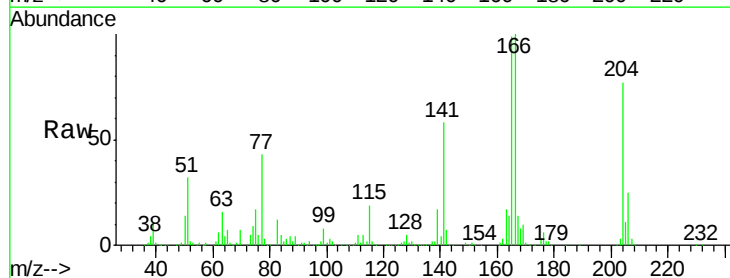
Tgt Ion:204 Resp: 367803

Ion Ratio Lower Upper

204 100

206 32.9 25.7 38.5

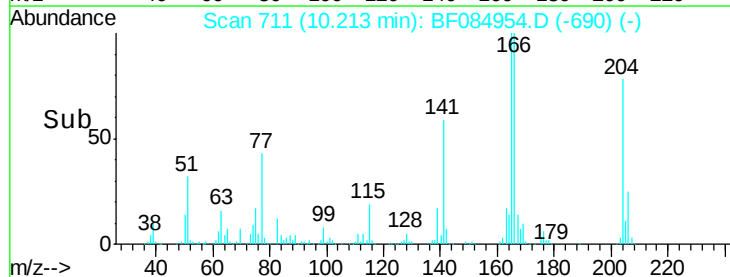
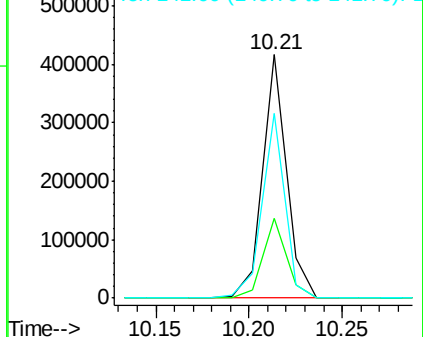
141 75.8 55.1 82.7

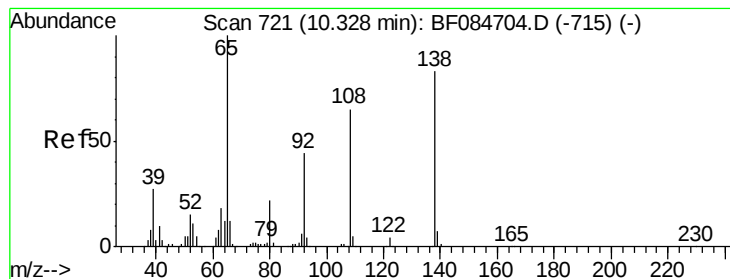


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.18 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.05 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

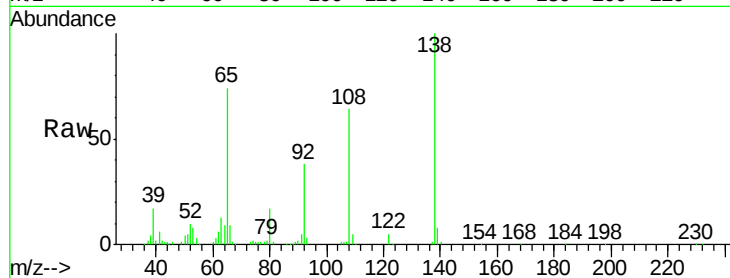
Tgt Ion:138 Resp: 232294

Ion Ratio Lower Upper

138 100

92 38.4 32.6 72.6

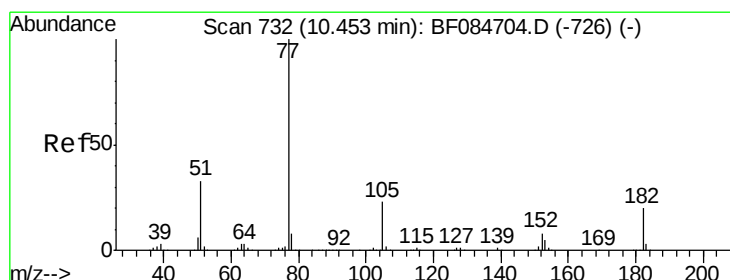
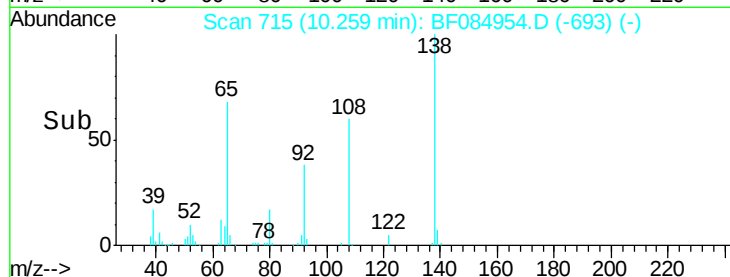
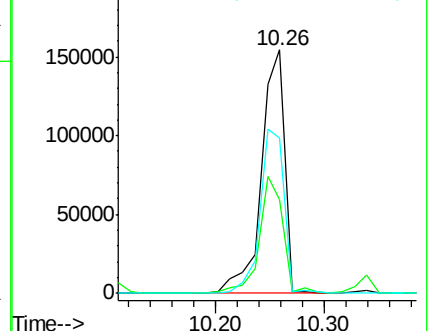
108 64.0 68.6 108.6#



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: 44.44 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Tgt Ion: 77 Resp: 983929

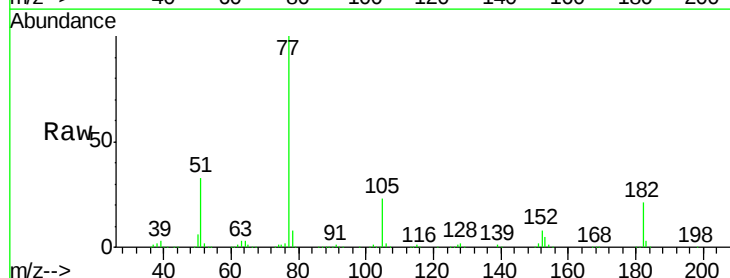
Ion Ratio Lower Upper

77 100

182 21.3 8.3 48.3

105 23.5 4.6 44.6

51 32.5 6.2 46.2

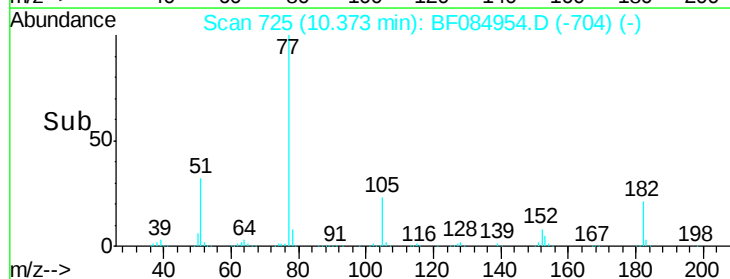
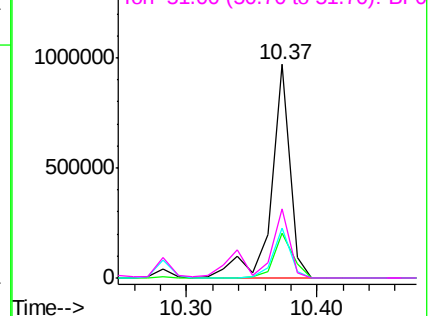


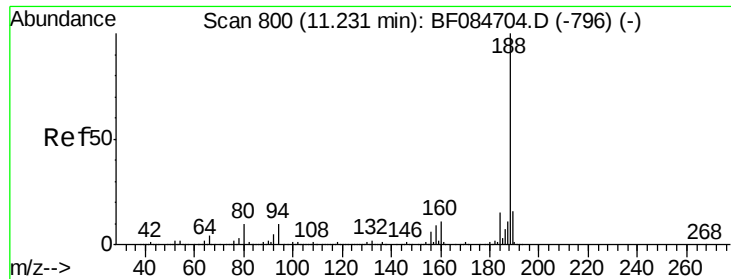
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

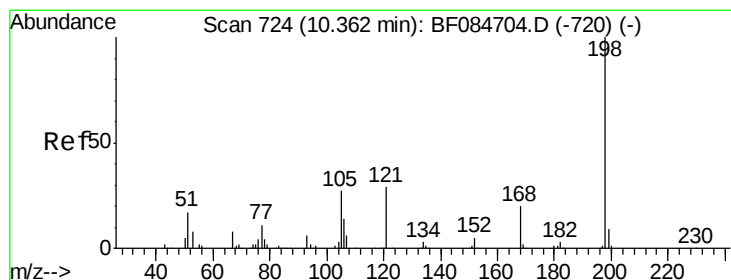
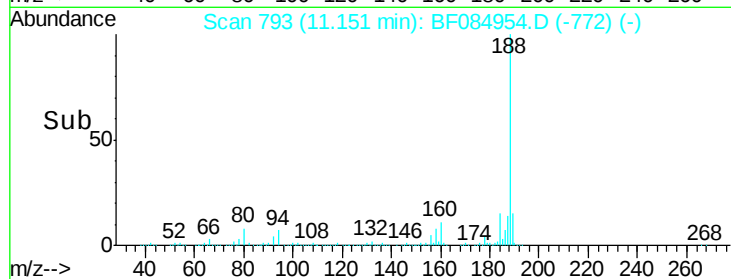
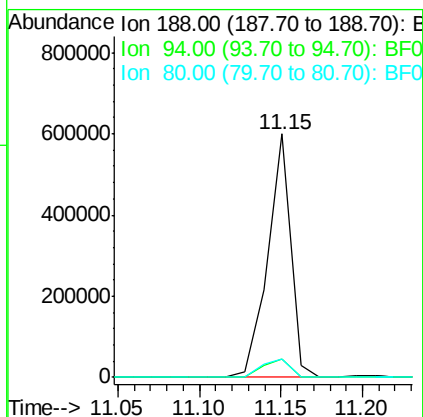
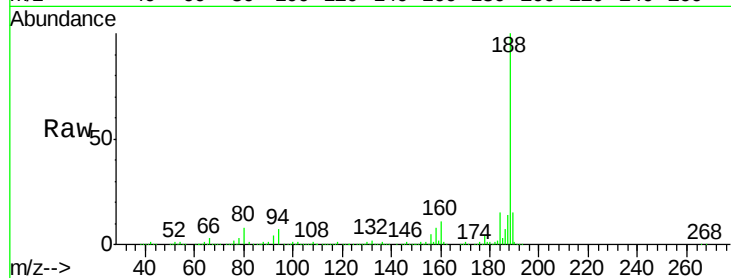




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 793
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

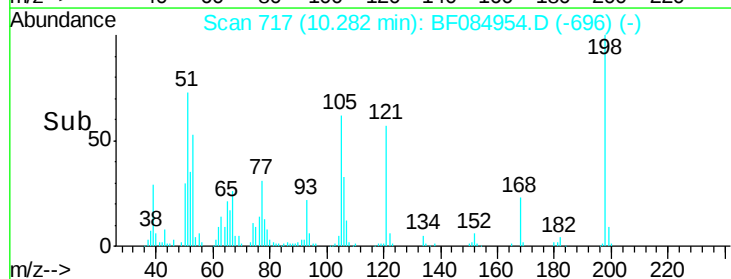
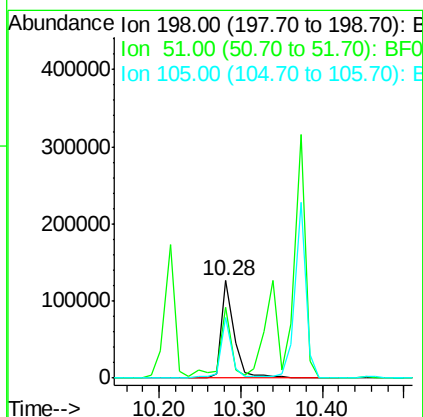
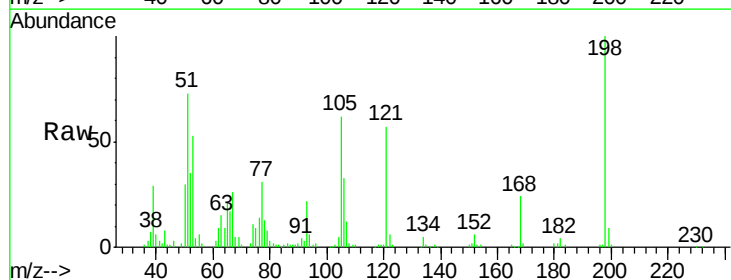
Instrument :
BNA_F
ClientSampleId :
PB88264BS

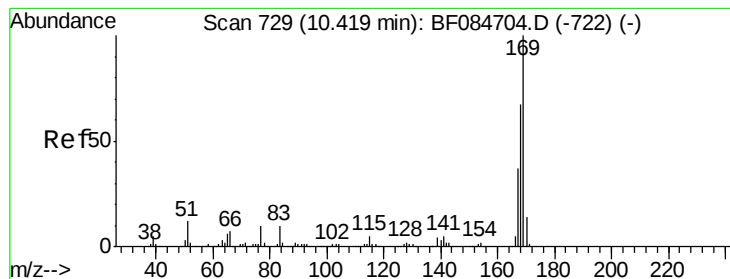
Tgt Ion:188 Resp: 589057
Ion Ratio Lower Upper
188 100
94 7.4 9.0 13.4#
80 7.7 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 38.26 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion:198 Resp: 139113
Ion Ratio Lower Upper
198 100
51 73.1 18.9 58.9#
105 62.4 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 43.47 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

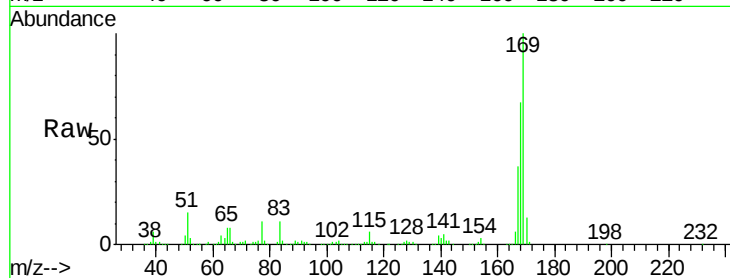
Tgt Ion:169 Resp: 813098

Ion Ratio Lower Upper

169 100

168 67.4 55.1 82.7

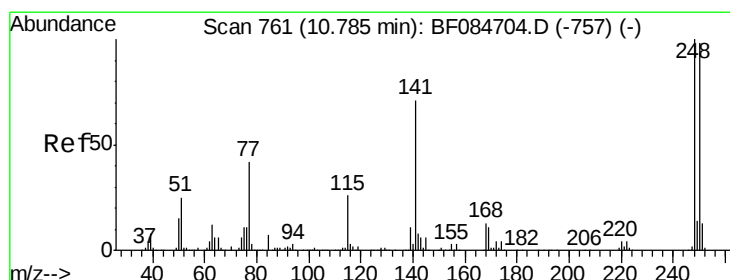
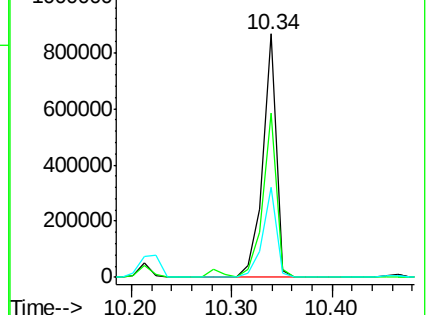
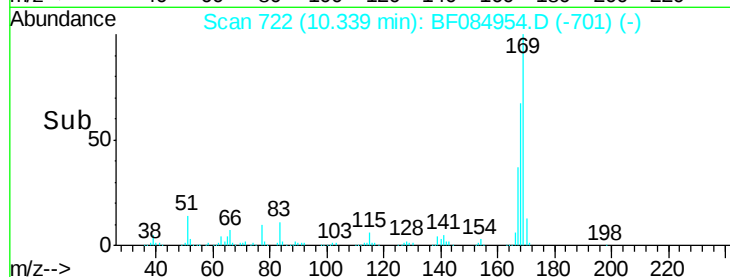
167 36.7 30.0 45.0



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: 43.10 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

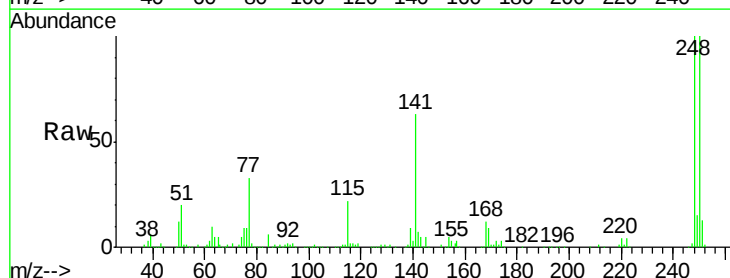
Tgt Ion:248 Resp: 280385

Ion Ratio Lower Upper

248 100

250 100.2 78.4 117.6

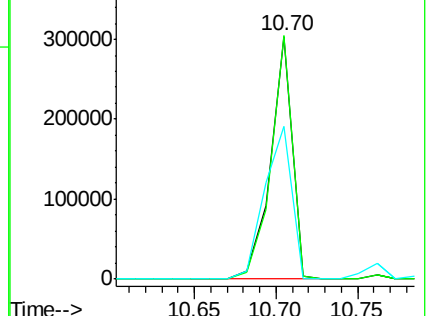
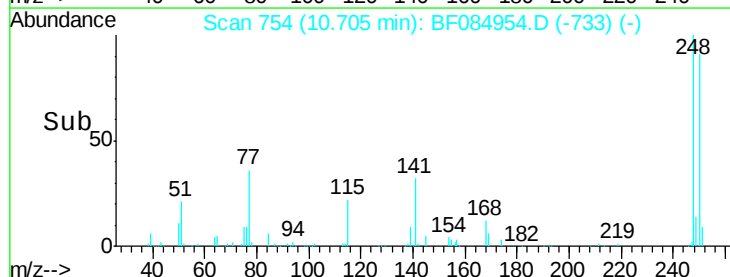
141 62.9 44.0 66.0

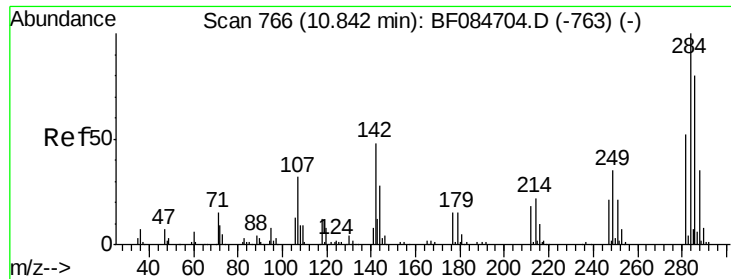


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

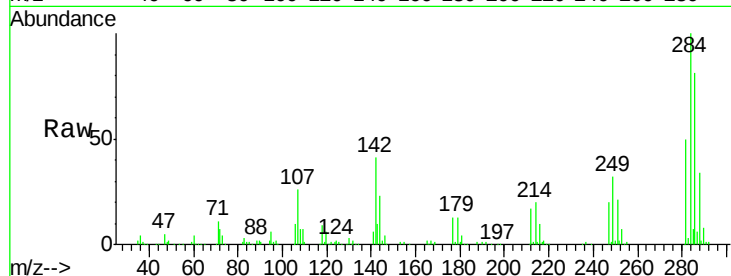




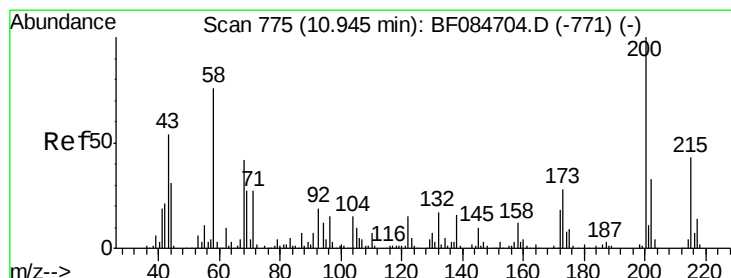
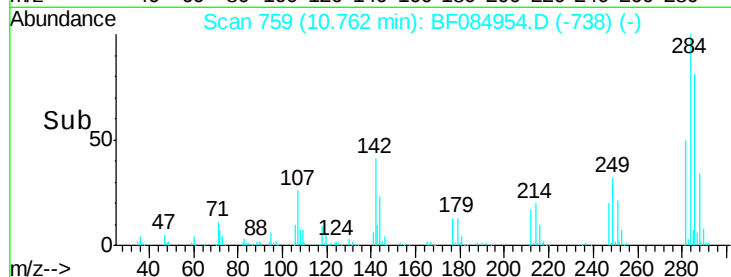
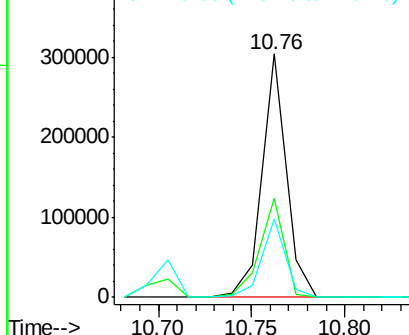
#67
Hexachlorobenzene
Concen: 38.47 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Instrument :
BNA_F
ClientSampleId :
PB88264BS

Tgt Ion:284 Resp: 272713
Ion Ratio Lower Upper
284 100
142 40.7 22.2 33.4#
249 32.3 24.6 37.0

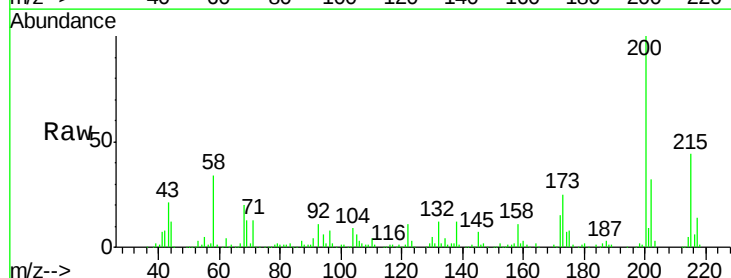


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

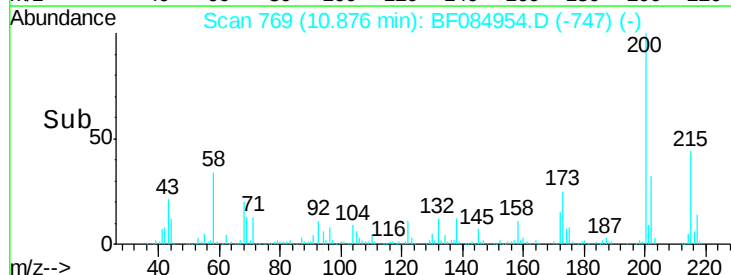
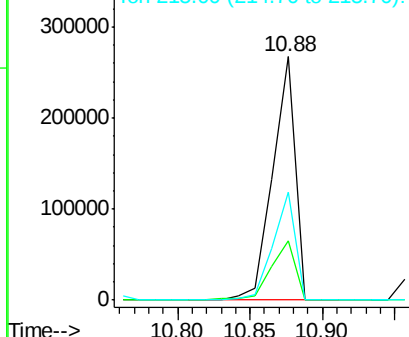


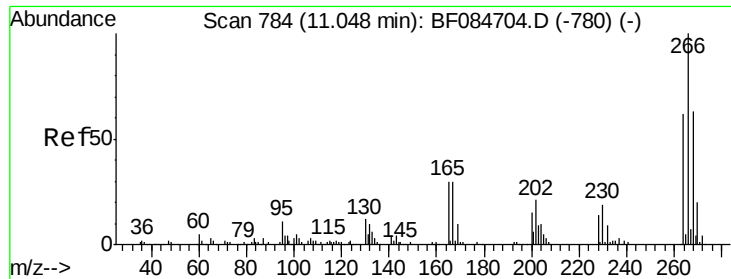
#68
Atrazine
Concen: 48.65 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion:200 Resp: 287382
Ion Ratio Lower Upper
200 100
173 24.5 9.5 49.5
215 44.3 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

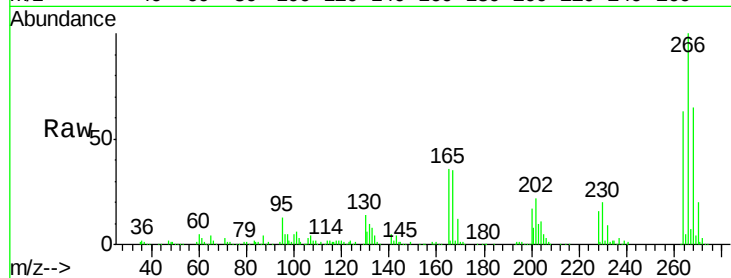




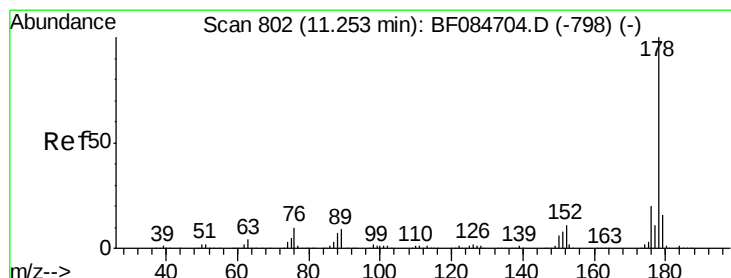
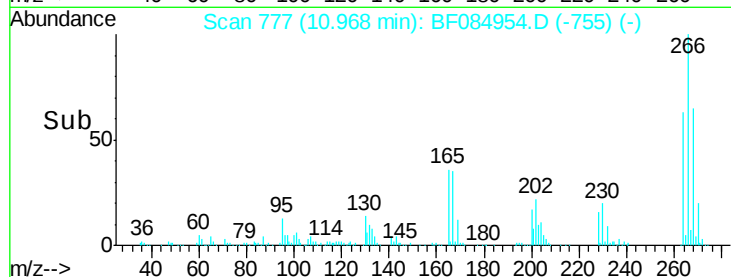
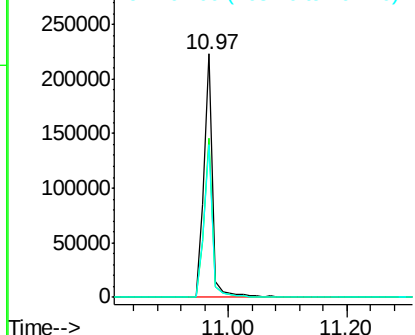
#69
 Pentachlorophenol
 Concen: 71.22 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.05 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88264BS

Tgt Ion:266 Resp: 237268
 Ion Ratio Lower Upper
 266 100
 268 65.3 52.4 78.6
 264 62.6 50.2 75.2

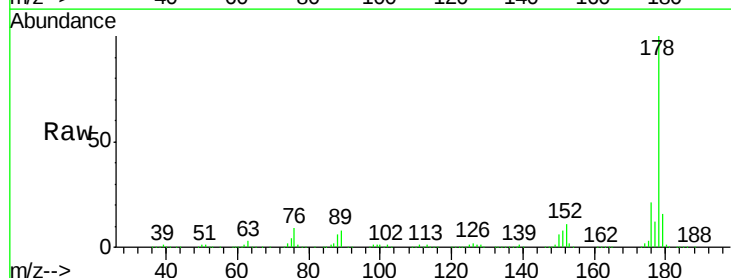


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

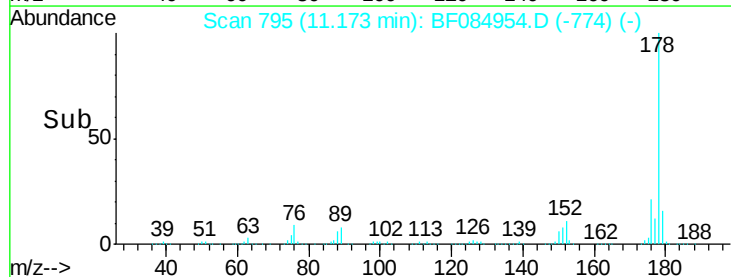
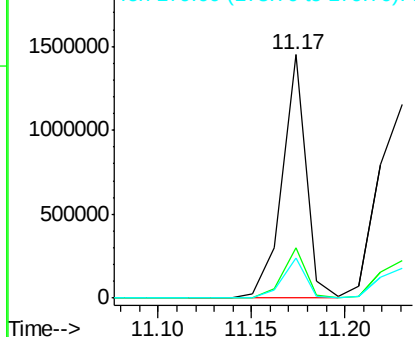


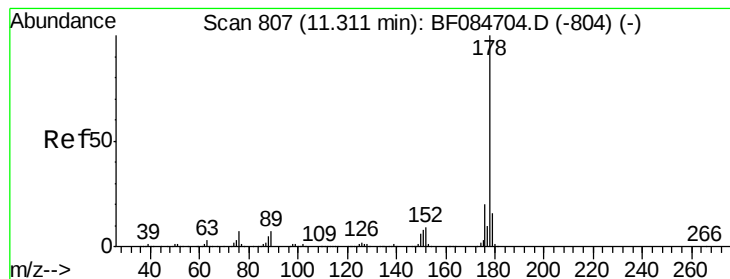
#70
 Phenanthrene
 Concen: 39.54 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion:178 Resp: 1291962
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.3 22.9
 179 16.3 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: 42.50 ng

RT: 11.23 min Scan# 800

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

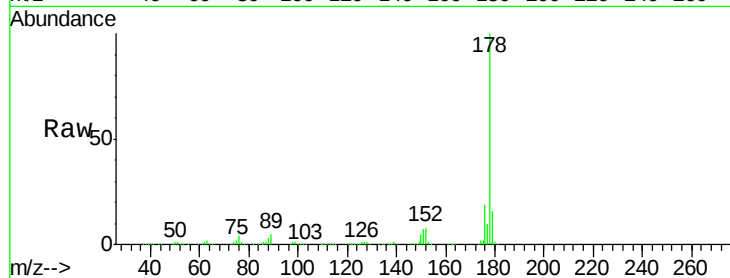
Tgt Ion:178 Resp: 1399005

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

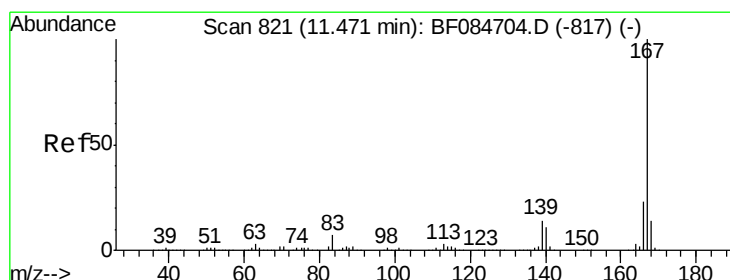
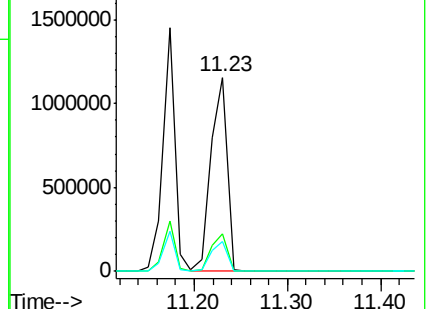
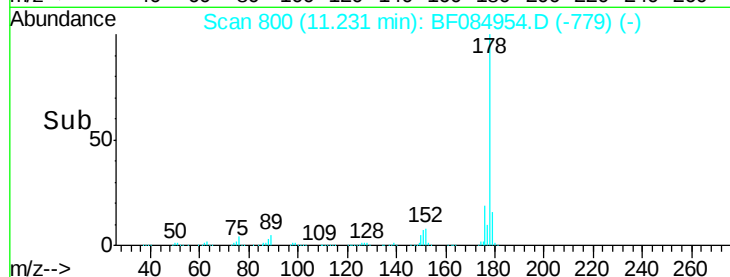
179 15.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.69 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

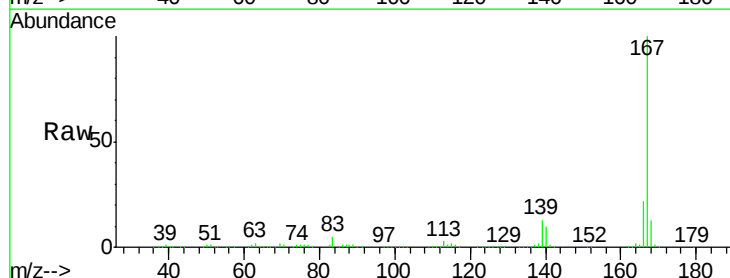
Tgt Ion:167 Resp: 1254206

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

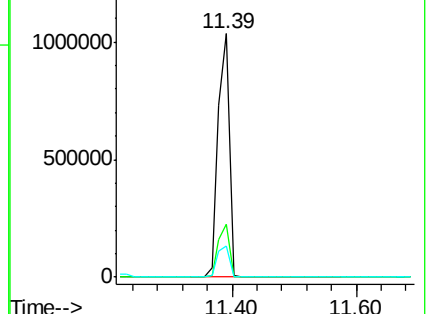
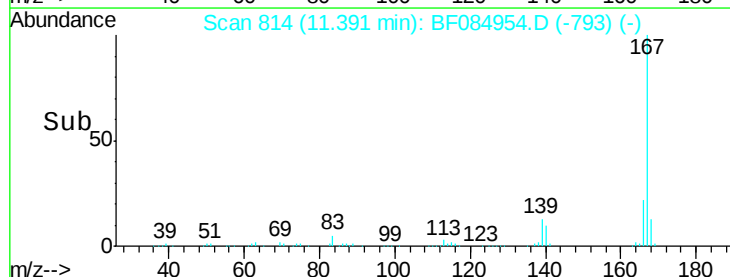
139 12.9 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

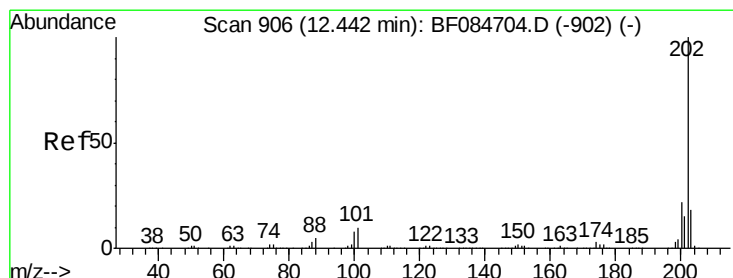
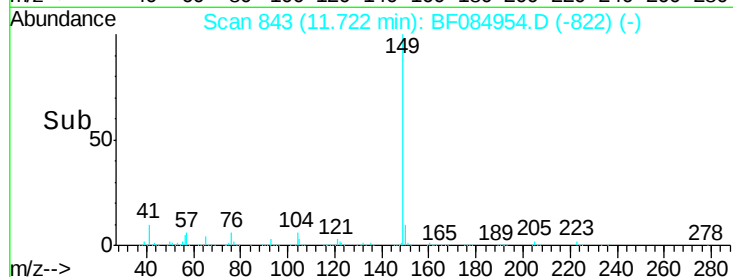
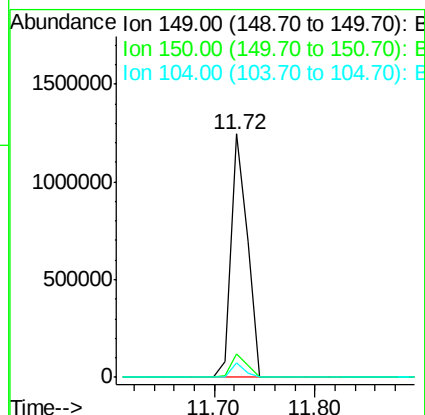
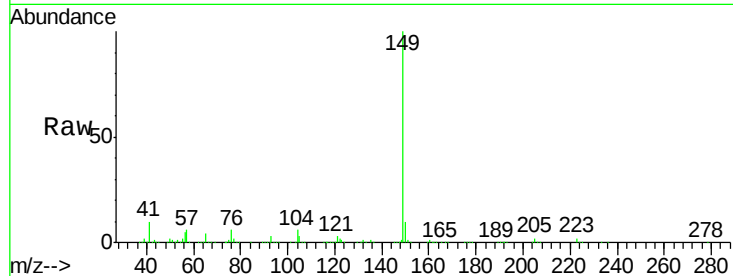




#73
Di-n-butylphthalate
Concen: 38.09 ng
RT: 11.72 min Scan# 843
Delta R.T. -0.06 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

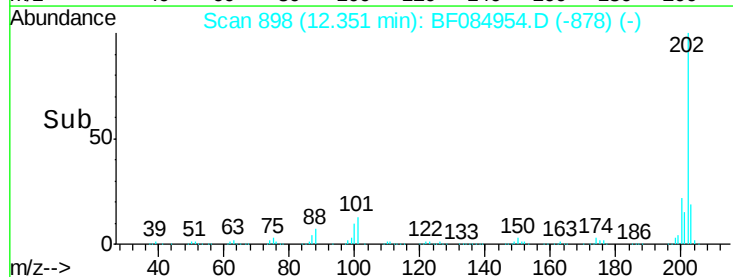
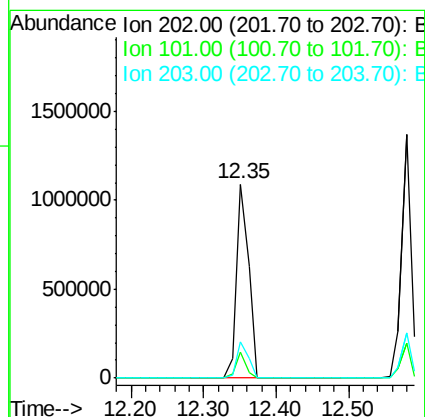
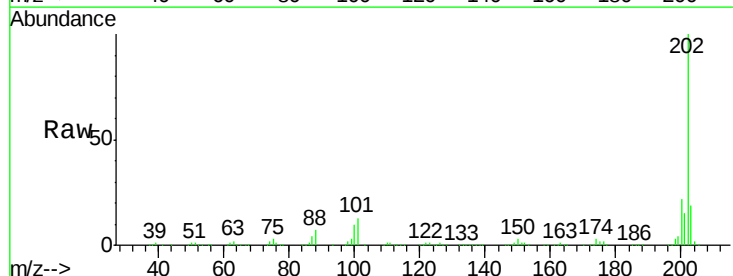
Instrument :
BNA_F
ClientSampleId :
PB88264BS

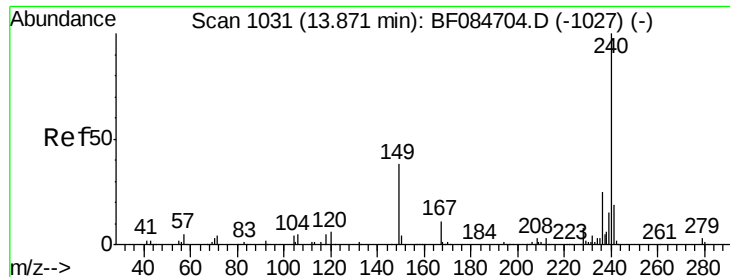
Tgt Ion:149 Resp: 1392053
Ion Ratio Lower Upper
149 100
150 9.8 7.1 10.7
104 5.9 3.2 4.8#



#74
Fluoranthene
Concen: 38.46 ng
RT: 12.35 min Scan# 898
Delta R.T. -0.07 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion:202 Resp: 1271682
Ion Ratio Lower Upper
202 100
101 13.4 0.0 32.8
203 18.6 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

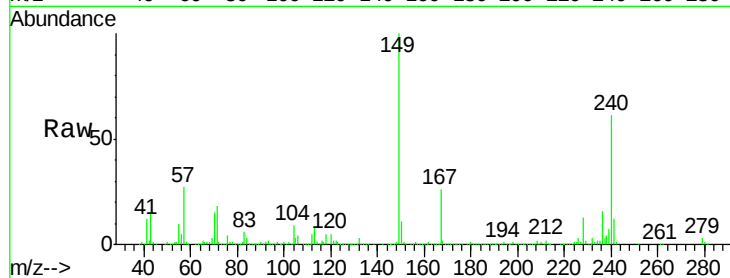
Tgt Ion:240 Resp: 434960

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

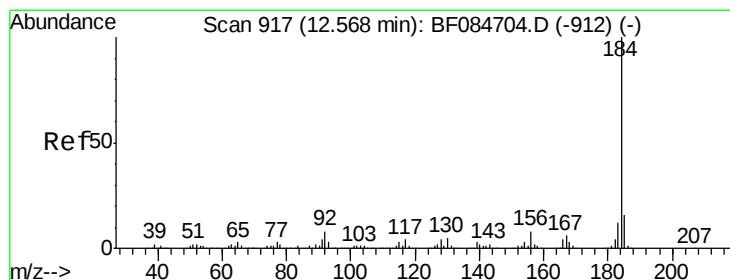
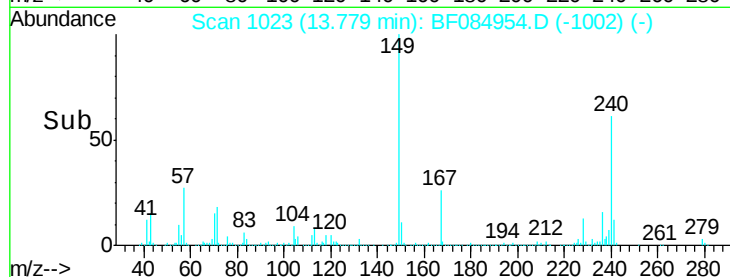
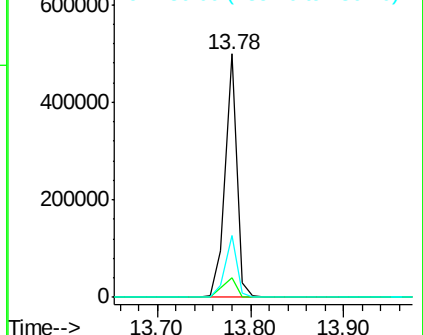
236 25.4 20.6 31.0



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: 23.74 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

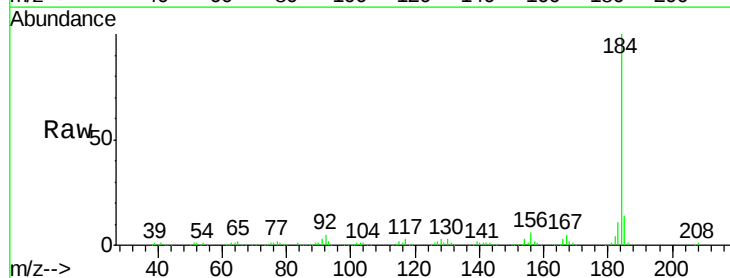
Tgt Ion:184 Resp: 350939

Ion Ratio Lower Upper

184 100

185 13.5 12.2 18.2

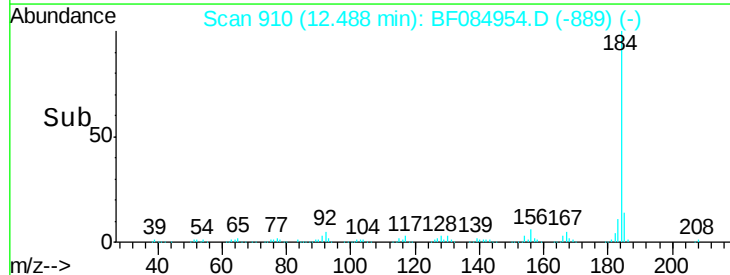
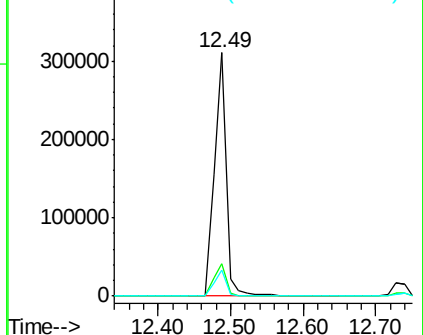
183 10.6 9.8 14.8

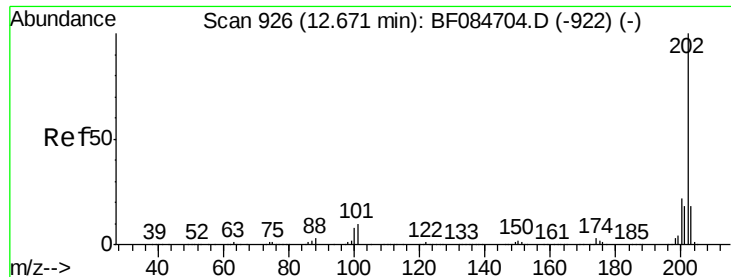


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

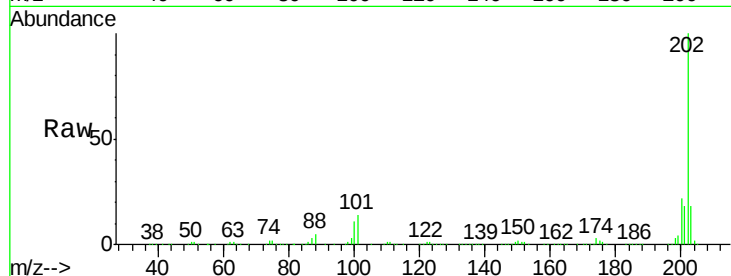




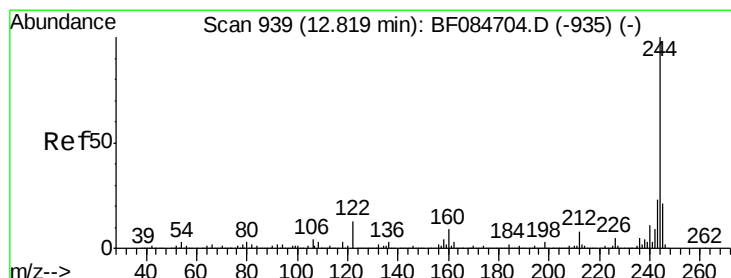
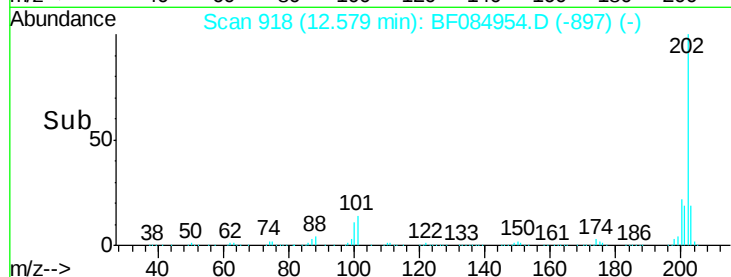
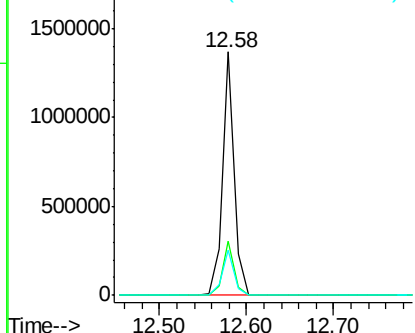
#77
 Pyrene
 Concen: 38.79 ng
 RT: 12.58 min Scan# 918
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB88264BS

Tgt Ion: 202 Resp: 1291921
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.2 25.8
 203 18.5 14.3 21.5

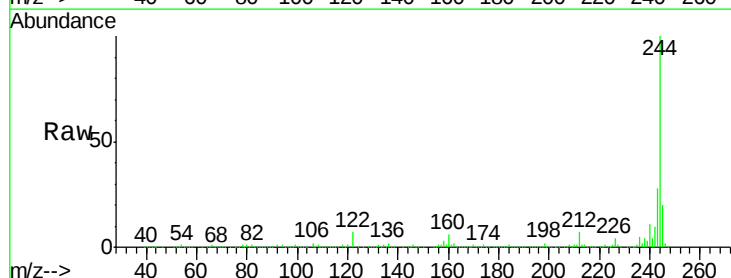


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

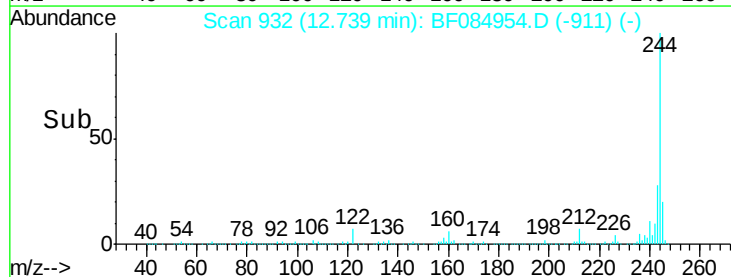
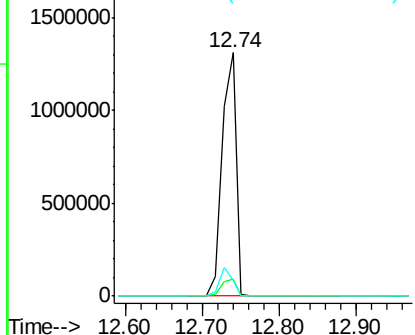


#78
 Terphenyl-d14
 Concen: 88.03 ng
 RT: 12.74 min Scan# 932
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion: 244 Resp: 1689669
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 6.6 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: 41.29 ng

RT: 13.22 min Scan# 974

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

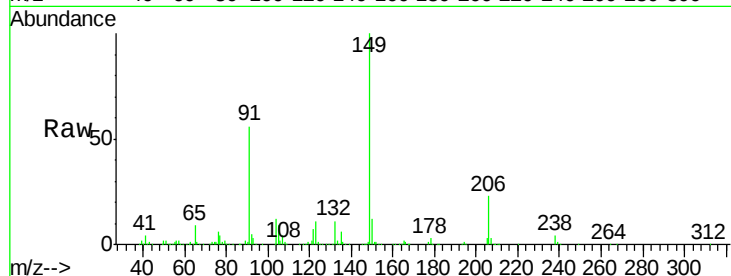
Tgt Ion:149 Resp: 623831

Ion Ratio Lower Upper

149 100

91 56.2 57.6 86.4#

206 22.8 13.2 19.8#

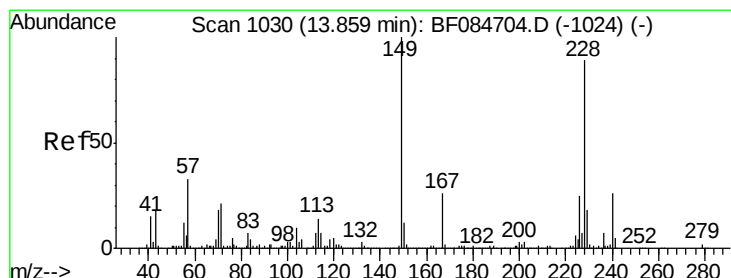
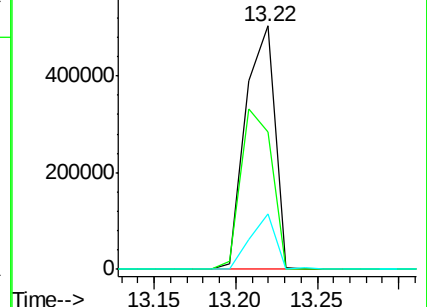
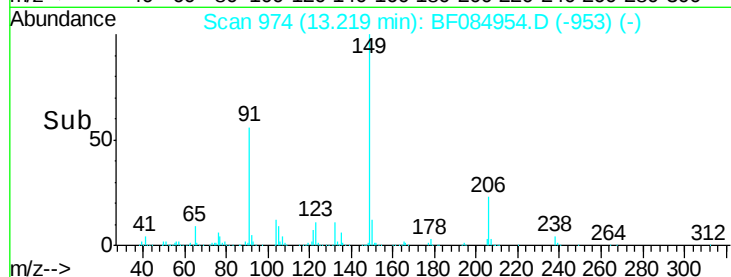


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

Time-->



#80

Benzo(a)anthracene

Concen: 42.81 ng

RT: 13.77 min Scan# 1022

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

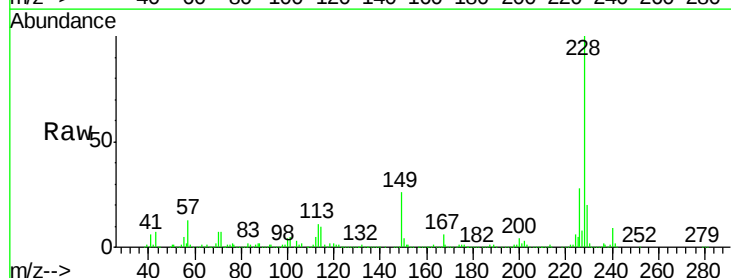
Tgt Ion:228 Resp: 1155590

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.6

229 20.1 15.8 23.8

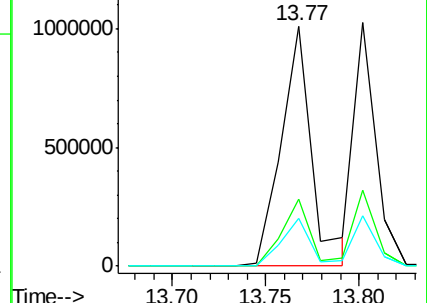
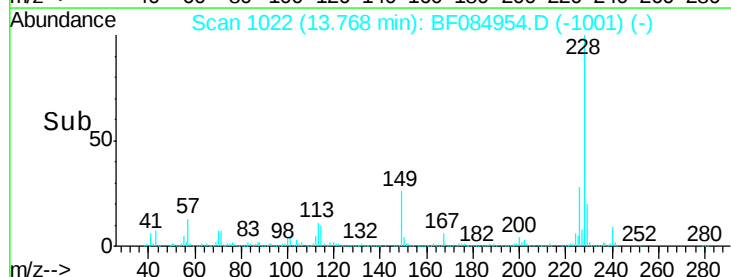


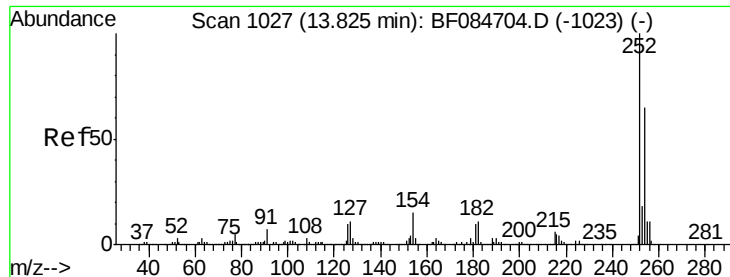
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->

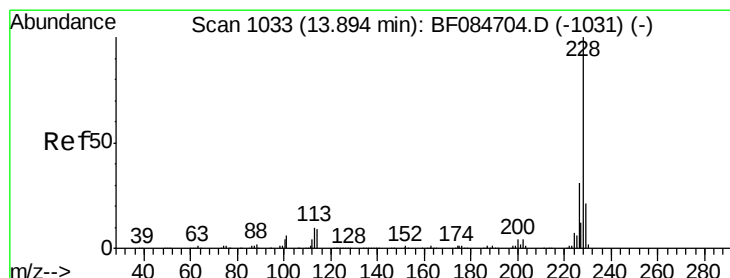
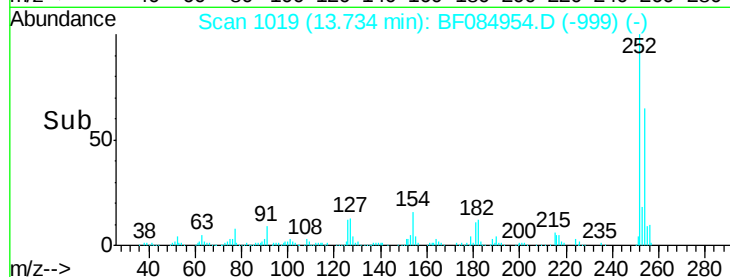
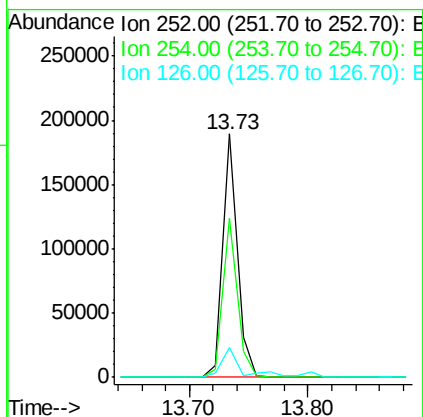
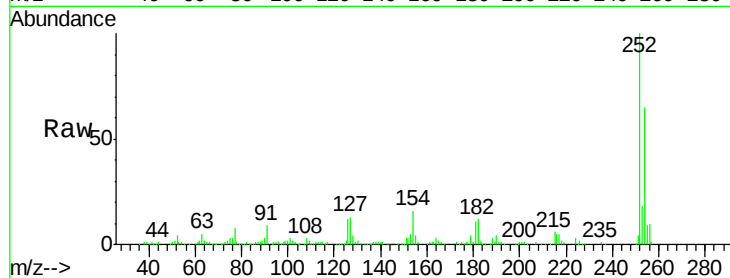




#81
 3,3'-Dichlorobenzidine
 Concen: 16.69 ng
 RT: 13.73 min Scan# 1019
 Delta R.T. -0.07 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

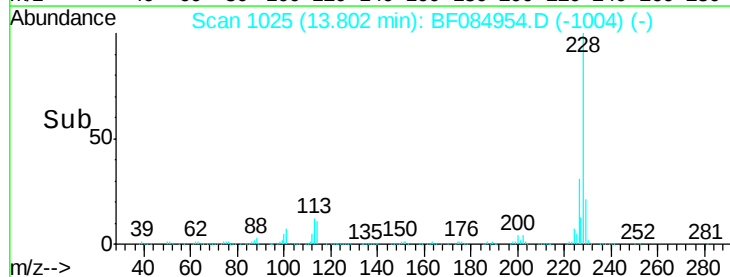
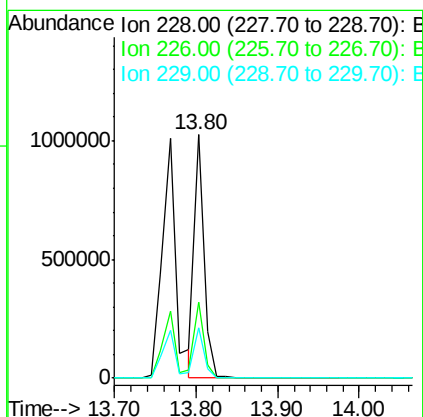
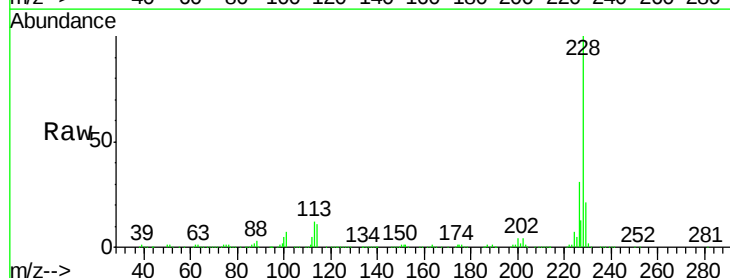
Instrument :
 BNA_F
 ClientSampleId :
 PB88264BS

Tgt Ion:252 Resp: 159531
 Ion Ratio Lower Upper
 252 100
 254 65.4 53.5 80.3
 126 12.1 4.9 7.3#



#82
 Chrysene
 Concen: 32.77 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.06 min
 Lab File: BF084954.D
 Acq: 9 Feb 2016 16:14

Tgt Ion:228 Resp: 857750
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.3 36.5
 229 20.7 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.10 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

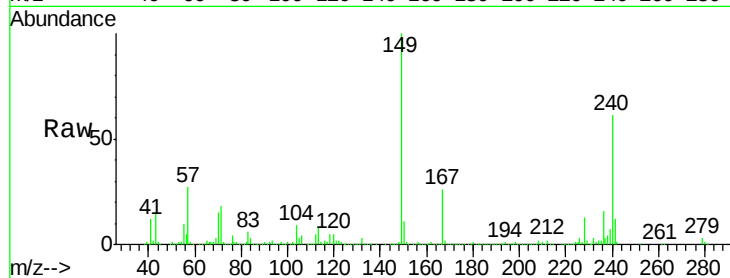
Tgt Ion:149 Resp: 772687

Ion Ratio Lower Upper

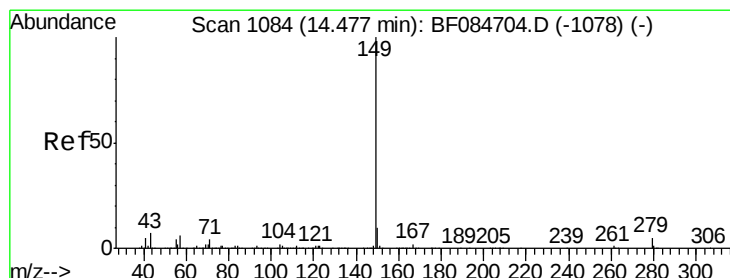
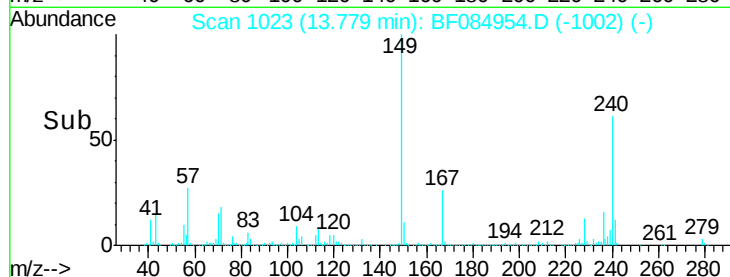
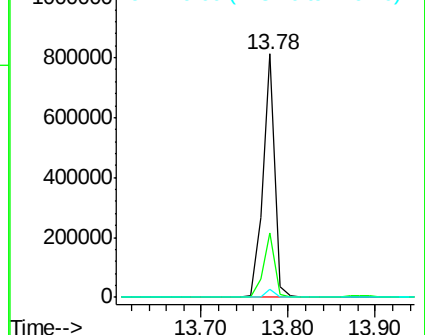
149 100

167 26.5 19.7 29.5

279 3.1 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: 37.72 ng

RT: 14.39 min Scan# 1076

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

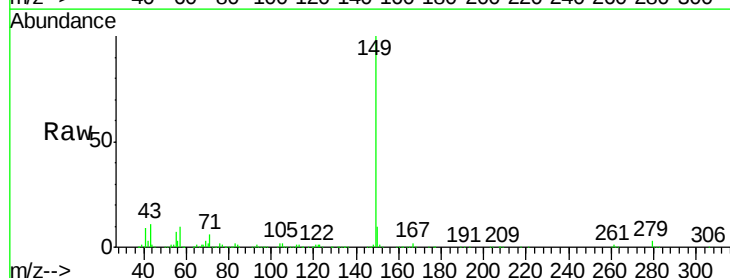
Tgt Ion:149 Resp: 1169891

Ion Ratio Lower Upper

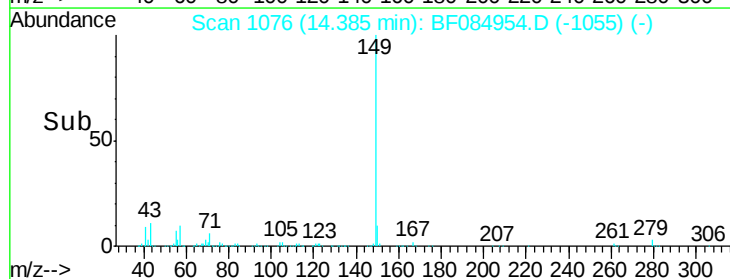
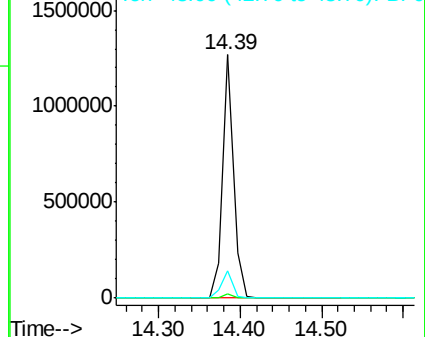
149 100

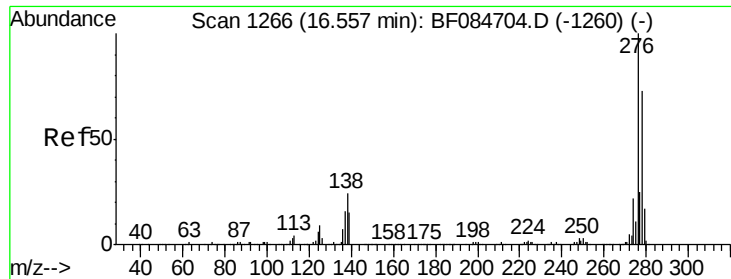
167 1.7 1.2 1.8

43 11.6 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: 39.05 ng

RT: 16.40 min Scan# 1252

Delta R.T. -0.10 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

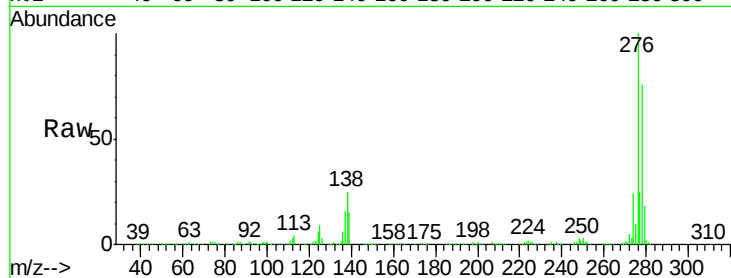
Tgt Ion:276 Resp: 804639

Ion Ratio Lower Upper

276 100

138 25.0 20.6 30.8

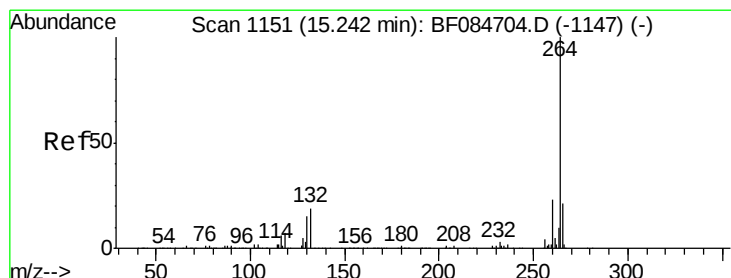
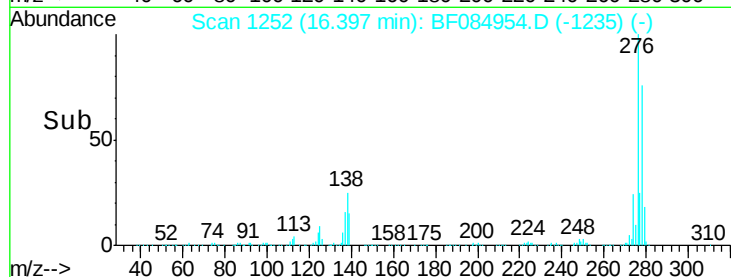
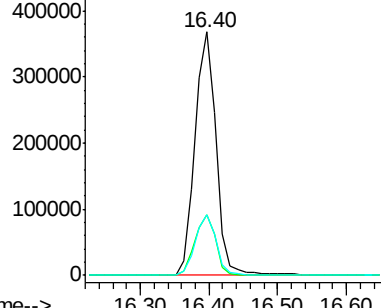
277 25.0 20.1 30.1



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: 15.14 min Scan# 1142

Delta R.T. -0.07 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

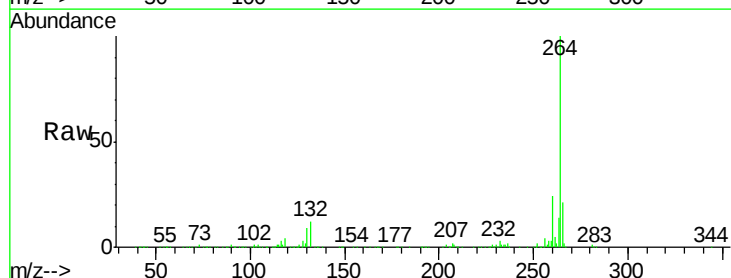
Tgt Ion:264 Resp: 331598

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

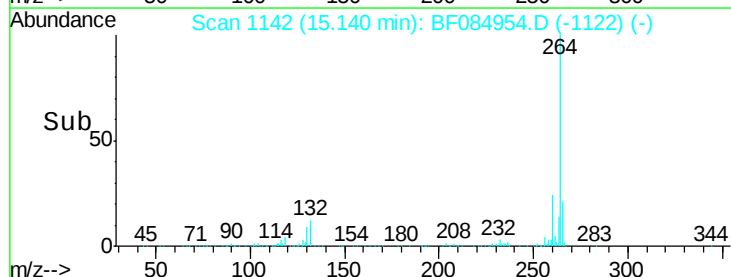
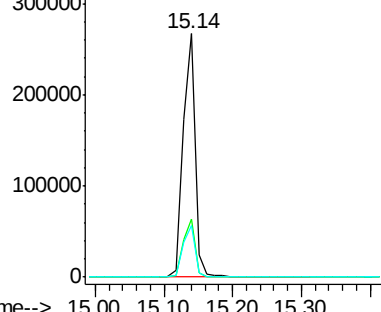
265 21.1 17.8 26.6

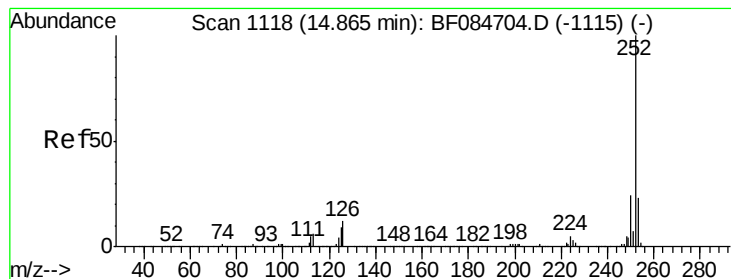


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 78.48 ng

RT: 14.80 min Scan# 1112

Delta R.T. -0.03 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS

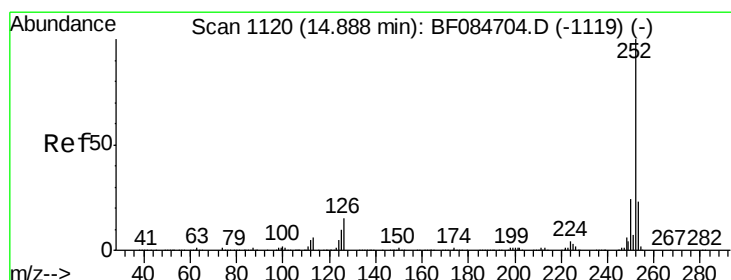
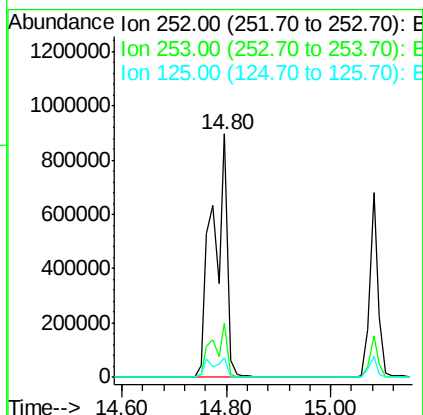
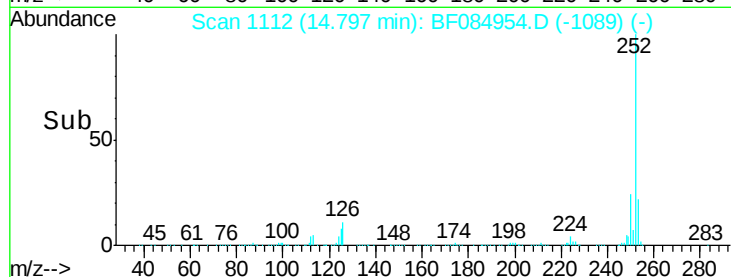
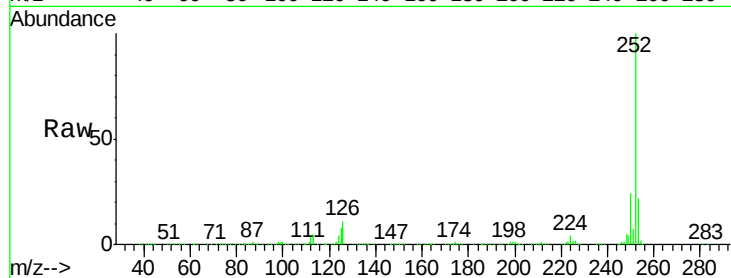
Tgt Ion:252 Resp: 1748509

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 7.9 6.5 9.7



#88

Benzo(k)fluoranthene

Concen: 94.93 ng

RT: 14.80 min Scan# 1112

Delta R.T. -0.06 min

Lab File: BF084954.D

Acq: 9 Feb 2016 16:14

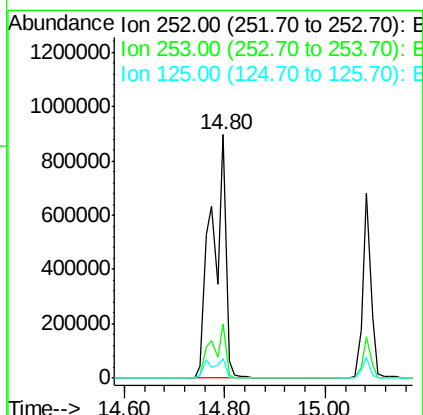
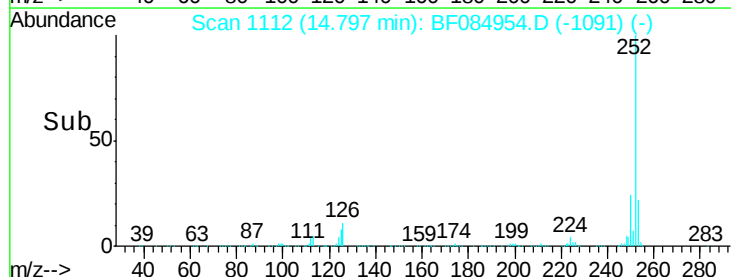
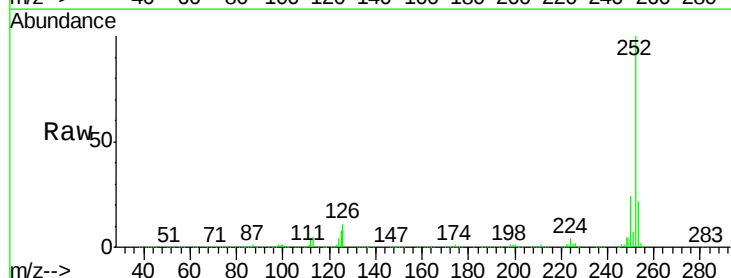
Tgt Ion:252 Resp: 1748814

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

125 7.9 9.0 13.6#

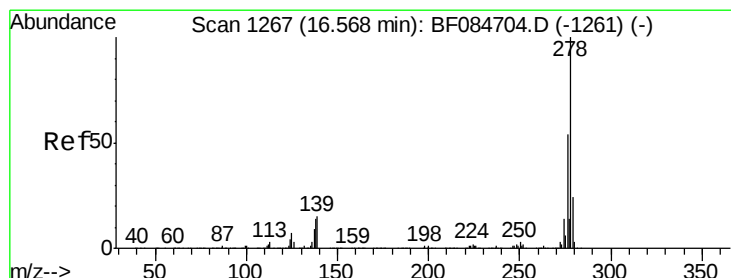
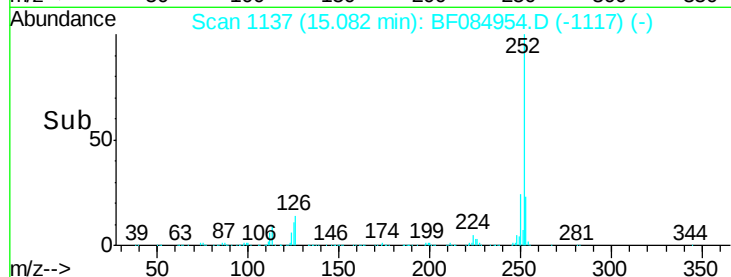
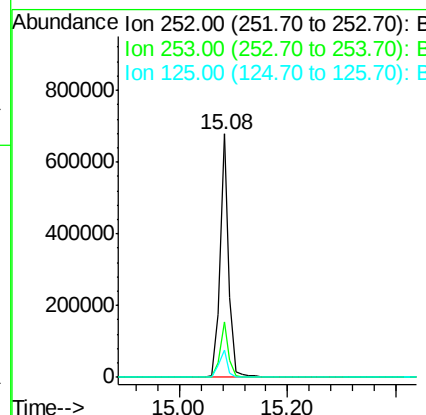
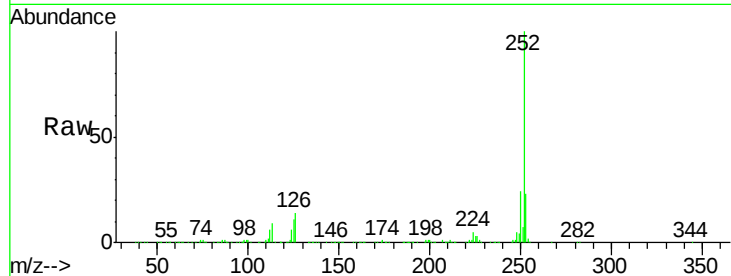




#89
Benzo(a)pyrene
Concen: 40.57 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.07 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

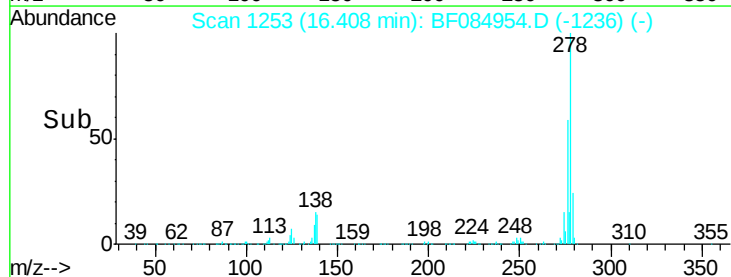
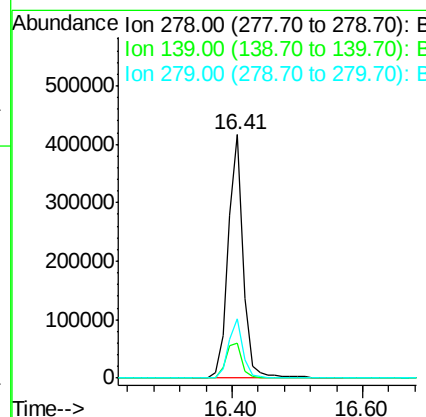
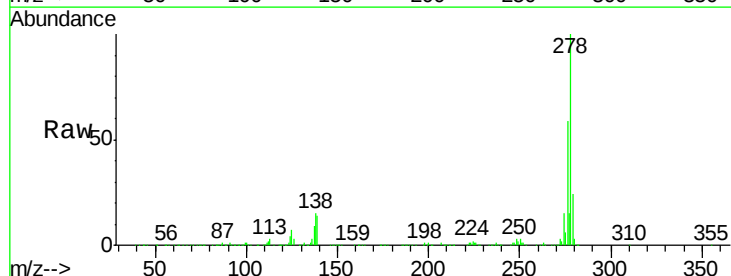
Instrument :
BNA_F
ClientSampleId :
PB88264BS

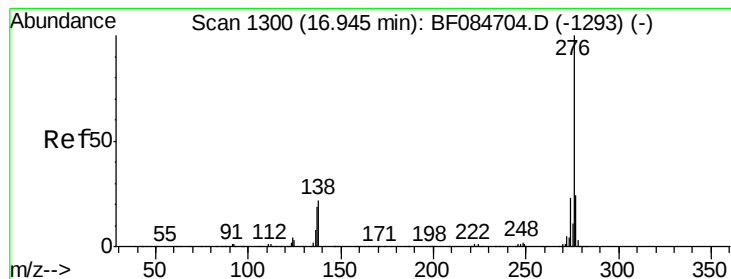
Tgt Ion:252 Resp: 770132
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 11.4 7.0 10.4#



#90
Dibenzo(a,h)anthracene
Concen: 41.79 ng
RT: 16.41 min Scan# 1253
Delta R.T. -0.10 min
Lab File: BF084954.D
Acq: 9 Feb 2016 16:14

Tgt Ion:278 Resp: 667822
Ion Ratio Lower Upper
278 100
139 14.3 15.0 22.4#
279 24.3 18.9 28.3





#91

Benzo(g,h,i)perylene

Concen: 43.30 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.11 min

Lab File: BF084954.D

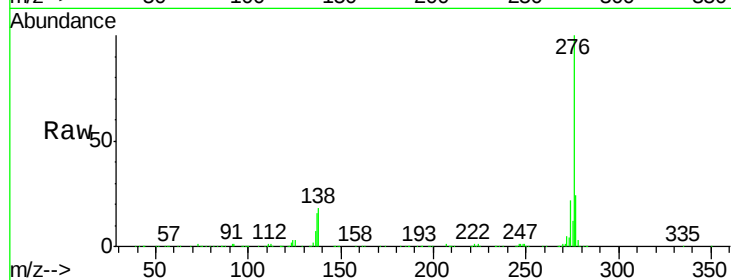
Acq: 9 Feb 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB88264BS



Tgt Ion:	276	Resp:	696937
Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	18.0	17.8	26.6

