

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084383.D
 Acq On : 11 Jan 2016 16:53
 Operator : SJ/UM
 Sample : PB87733BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87733BS

Quant Time: Jan 12 03:27:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	254949	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1055674	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	450907	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	765979	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	511788	20.00	ng	-0.05
86) Perylene-d12	15.45	264	426239	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1919692	121.79	ng	-0.01
7) Phenol-d6	6.51	99	2315661	116.98	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1387610	73.15	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	536837	117.93	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2207214	86.20	ng	-0.04
78) Terphenyl-d14	12.97	244	1715549	74.82	ng	-0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.54	88	220244	29.50	ng	# 71
3) Pyridine	3.26	79	619653	29.77	ng	# 71
4) n-Nitrosodimethylamine	3.22	42	361206	33.80	ng	79
6) Aniline	6.52	93	286541	9.89	ng	# 1
8) 2-Chlorophenol	6.65	128	698699	39.07	ng	98
9) Benzaldehyde	6.40	77	154299	11.97	ng	99
10) Phenol	6.52	94	925119	41.10	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	620150	35.57	ng	# 80
12) 1,3-Dichlorobenzene	6.80	146	702097m	38.06	ng	
13) 1,4-Dichlorobenzene	6.88	146	703840m	38.05	ng	
14) 1,2-Dichlorobenzene	7.02	146	618625	34.92	ng	96
15) Benzyl Alcohol	7.00	79	524502	31.50	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1036857	32.66	ng	88
17) 2-Methylphenol	7.13	107	556281	37.11	ng	# 91
18) Hexachloroethane	7.37	117	260562	35.22	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	454624	33.93	ng	# 72
20) 3+4-Methylphenols	7.28	107	669457	38.00	ng	# 67
22) Acetophenone	7.26	105	946011	37.27	ng	95
24) Nitrobenzene	7.45	77	747872	38.87	ng	90
25) Isophorone	7.69	82	1313217	36.20	ng	95
26) 2-Nitrophenol	7.76	139	317741	36.29	ng	# 76
27) 2,4-Dimethylphenol	7.80	122	600366	33.88	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	758176	34.22	ng	99
29) 2,4-Dichlorophenol	8.01	162	558555	37.83	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	598061	39.24	ng	# 95
31) Naphthalene	8.17	128	1907906	39.83	ng	99
32) Benzoic acid	7.93	122	273929	27.15	ng	92
33) 4-Chloroaniline	8.21	127	128222	5.84	ng	99
34) Hexachlorobutadiene	8.28	225	322787	36.84	ng	97
35) Caprolactam	8.59	113	170157	34.19	ng	# 42
36) 4-Chloro-3-methylphenol	8.72	107	663427	40.12	ng	99
37) 2-Methylnaphthalene	8.85	142	1181323	34.36	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	550715	42.48	ng	99
40) Hexachlorocyclopentadiene	9.01	237	279830	35.76	ng	99

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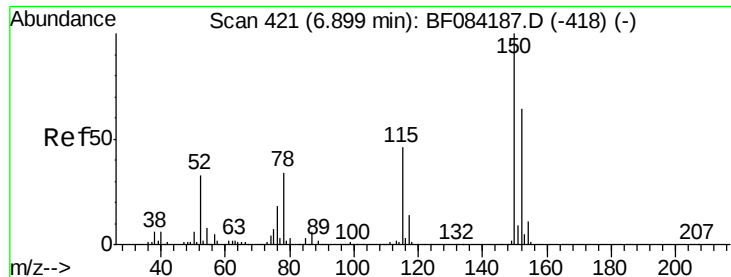
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	353499	36.45	ng	93
43) 2,4,5-Trichlorophenol	9.18	196	347549	37.38	ng #	81
45) 1,1'-Biphenyl	9.32	154	1447329	40.39	ng	99
46) 2-Chloronaphthalene	9.34	162	1052737	37.40	ng	96
47) 2-Nitroaniline	9.45	65	420498	45.26	ng #	85
48) Acenaphthylene	9.76	152	1690719	40.65	ng	97
49) Dimethylphthalate	9.63	163	1441338	44.71	ng #	90
50) 2,6-Dinitrotoluene	9.69	165	297390	42.06	ng #	62
51) Acenaphthene	9.93	154	1128496	40.45	ng	97
52) 3-Nitroaniline	9.86	138	142620	16.28	ng #	70
53) 2,4-Dinitrophenol	9.96	184	131008	45.12	ng	93
54) Dibenzofuran	10.11	168	1467397	40.31	ng	96
55) 4-Nitrophenol	10.03	139	367648	57.81	ng #	76
56) 2,4-Dinitrotoluene	10.09	165	348545	38.95	ng #	86
57) Fluorene	10.44	166	1097639	38.97	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	289399	36.46	ng	95
59) Diethylphthalate	10.33	149	1322206	41.60	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	574048	49.49	ng	97
61) 4-Nitroaniline	10.46	138	261493	33.48	ng	93
62) Azobenzene	10.60	77	1419881	40.73	ng	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	116823	26.04	ng	83
65) n-Nitrosodiphenylamine	10.56	169	1005587	41.06	ng	98
66) 4-Bromophenyl-phenylether	10.93	248	360435	43.72	ng	98
67) Hexachlorobenzene	10.99	284	351581	37.89	ng #	83
68) Atrazine	11.09	200	381024	47.54	ng	97
69) Pentachlorophenol	11.20	266	322112	66.95	ng	99
70) Phenanthrene	11.41	178	1642625	41.00	ng	99
71) Anthracene	11.46	178	1606562	40.90	ng	98
72) Carbazole	11.62	167	1490646	38.82	ng	98
73) Di-n-butylphthalate	11.95	149	1971981	49.57	ng #	97
74) Fluoranthene	12.59	202	1337112	31.95	ng	99
76) Benzidine	12.72	184	629281	34.29	ng	99
77) Pyrene	12.82	202	1330609	33.13	ng	99
79) Butylbenzylphthalate	13.45	149	679061	39.07	ng #	83
80) Benzo(a)anthracene	14.01	228	1075246	35.78	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	376852	35.93	ng #	96
82) Chrysene	14.04	228	909425	31.49	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	877406	39.96	ng #	95
84) Di-n-octyl phthalate	14.61	149	1382374	37.29	ng #	87
85) Indeno(1,2,3-cd)pyrene	16.84	276	858853	37.52	ng	100
87) Benzo(b)fluoranthene	15.04	252	992442	35.59	ng	98
88) Benzo(k)fluoranthene	15.07	252	988533m	43.35	ng	
89) Benzo(a)pyrene	15.39	252	944999	39.96	ng	100
90) Dibenzo(a,h)anthracene	16.85	278	735301	36.13	ng	98
91) Benzo(g,h,i)perylene	17.27	276	681315	32.33	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

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PB87733BS

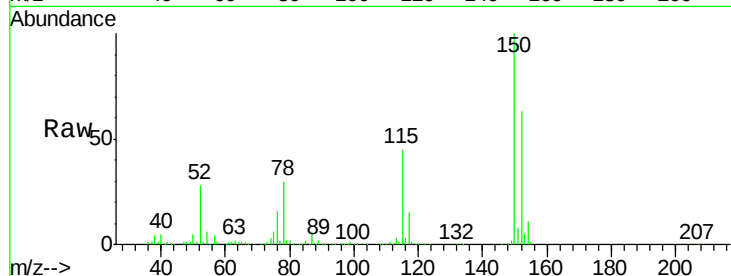
Tgt Ion:152 Resp: 254949

Ion Ratio Lower Upper

152 100

150 158.6 123.0 184.4

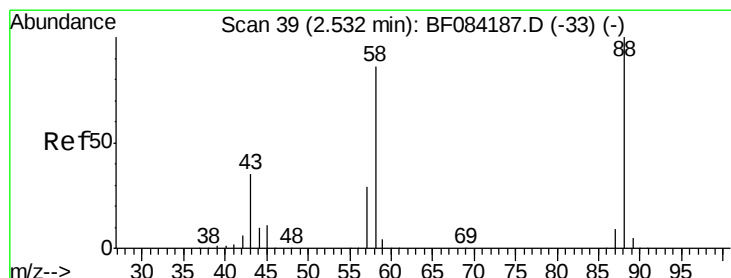
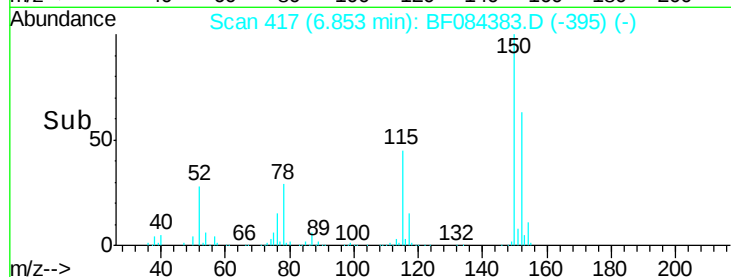
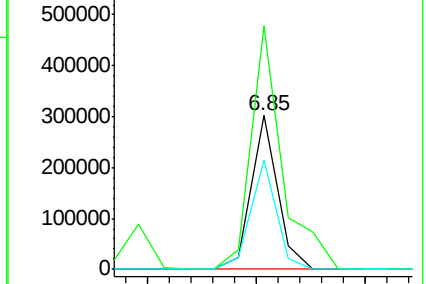
115 70.9 51.4 77.2



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: 29.50 ng

RT: 2.54 min Scan# 40

Delta R.T. 0.01 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

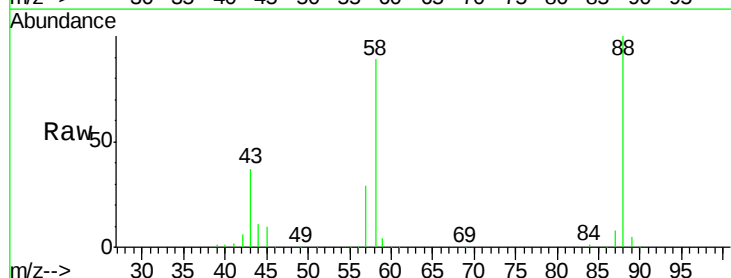
Tgt Ion: 88 Resp: 220244

Ion Ratio Lower Upper

88 100

58 88.5 51.2 76.8#

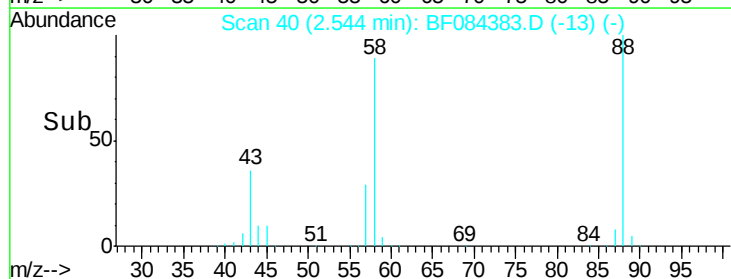
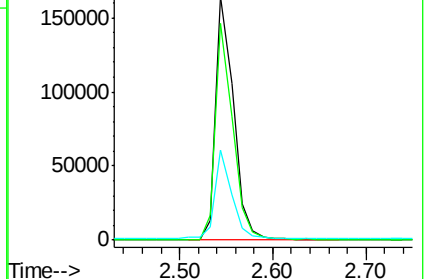
43 35.7 19.5 29.3#

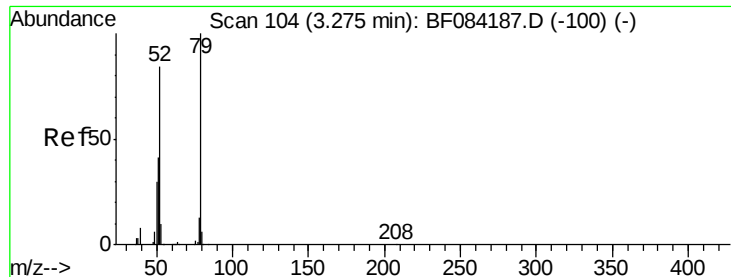


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 29.77 ng

RT: 3.26 min Scan# 103

Delta R.T. -0.01 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

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PB87733BS

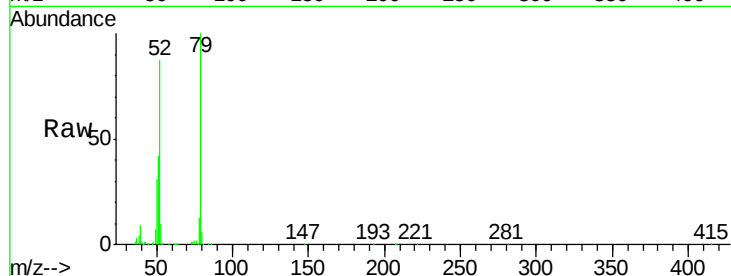
Tgt Ion: 79 Resp: 619653

Ion Ratio Lower Upper

79 100

52 87.1 49.0 73.4#

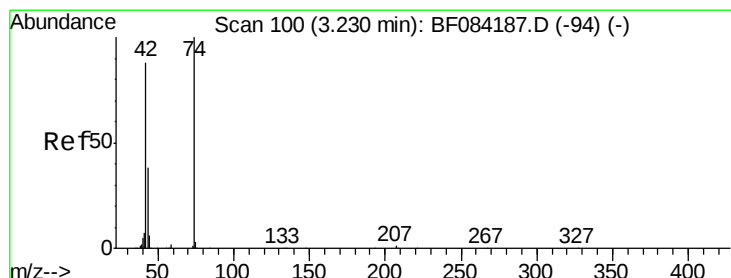
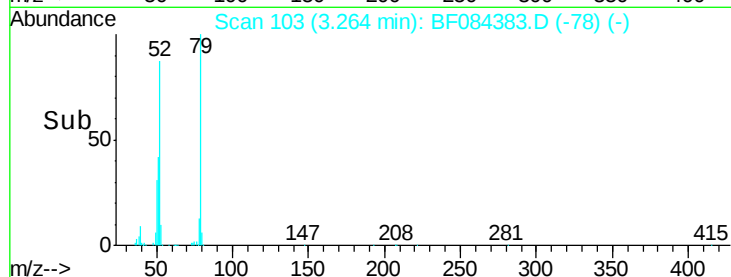
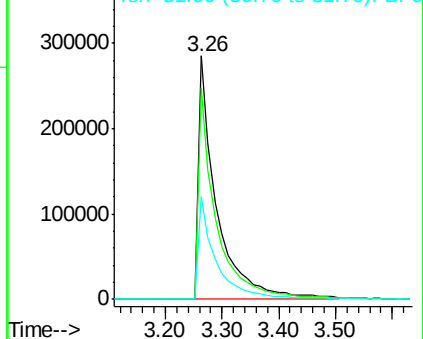
51 42.1 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.80 ng

RT: 3.22 min Scan# 99

Delta R.T. -0.01 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

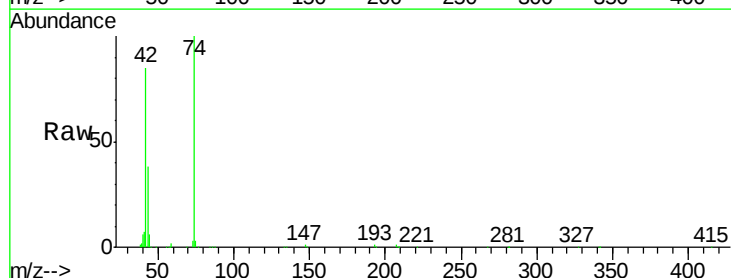
Tgt Ion: 42 Resp: 361206

Ion Ratio Lower Upper

42 100

74 117.7 115.7 173.5

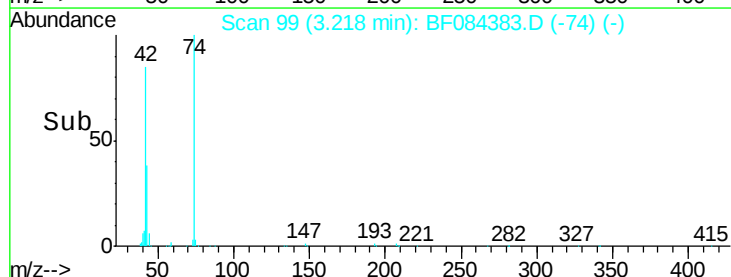
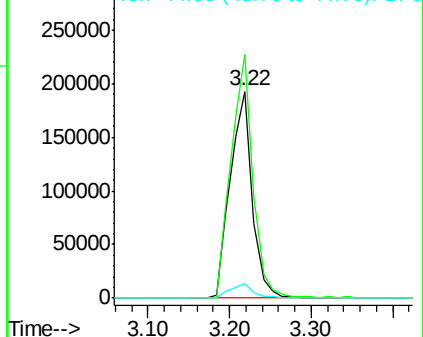
44 7.2 5.1 7.7

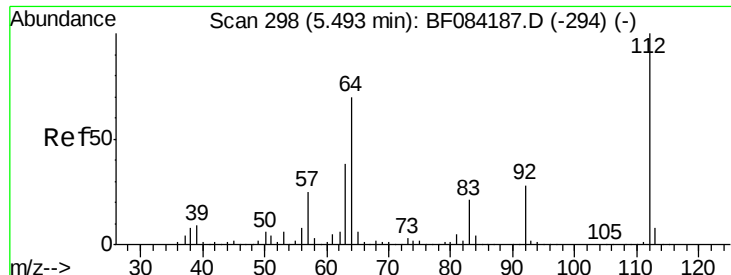


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 121.79 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

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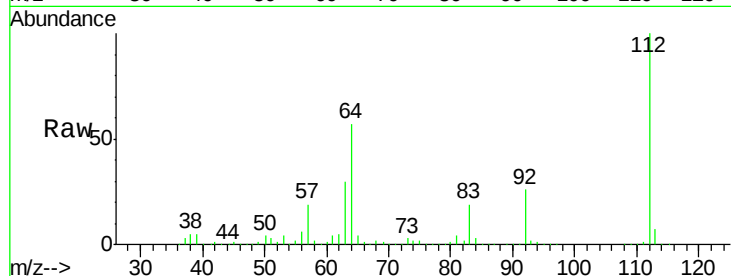
Tgt Ion: 112 Resp: 1919692

Ion Ratio Lower Upper

112 100

64 56.5 36.6 55.0#

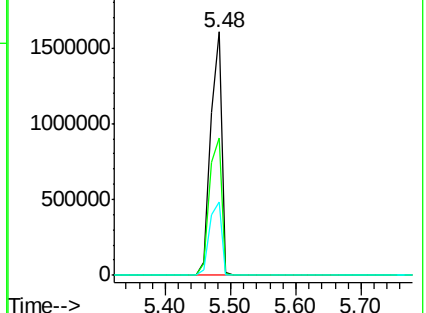
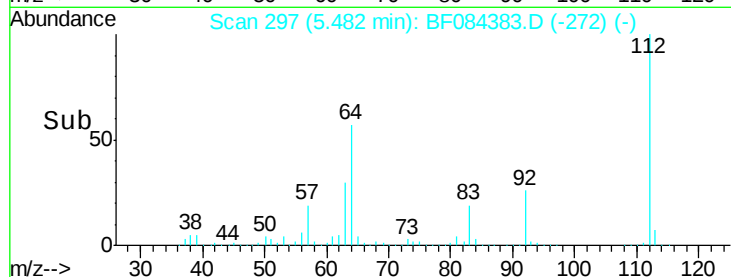
63 30.3 19.4 29.0#



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: 9.89 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

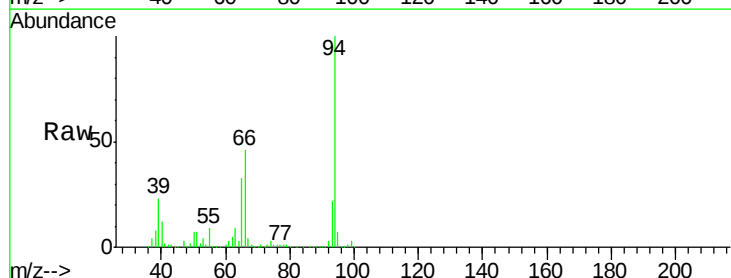
Tgt Ion: 93 Resp: 286541

Ion Ratio Lower Upper

93 100

66 209.5 44.9 67.3#

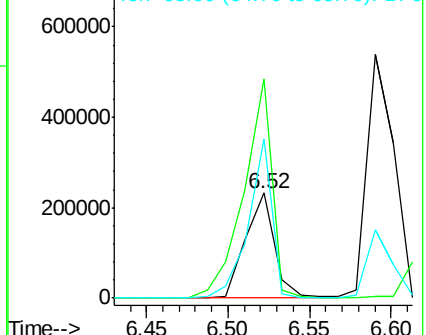
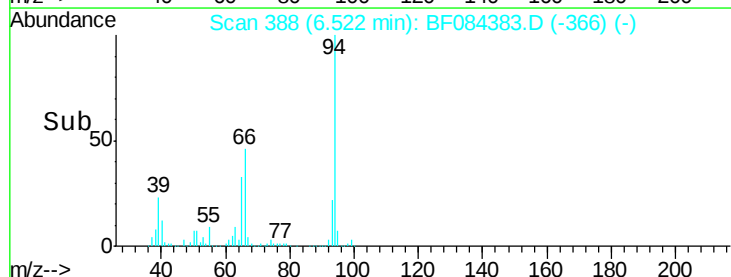
65 152.0 23.7 35.5#

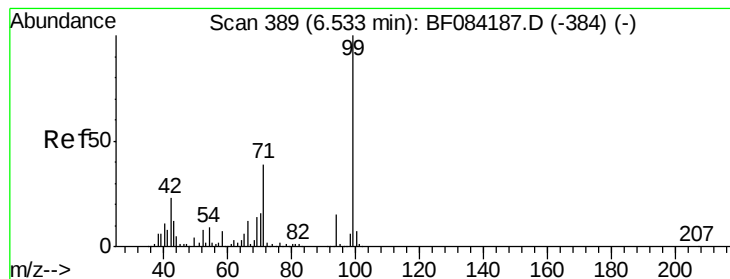


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.98 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

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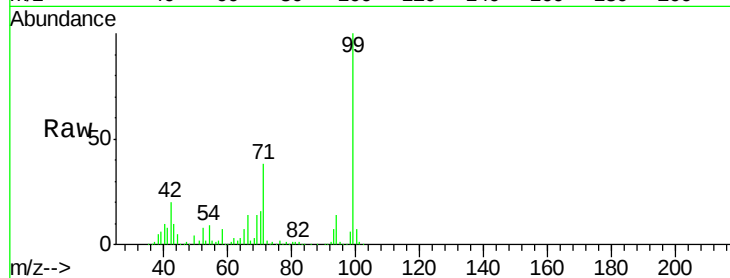
Tgt Ion: 99 Resp: 2315661

Ion Ratio Lower Upper

99 100

42 20.4 12.8 19.2#

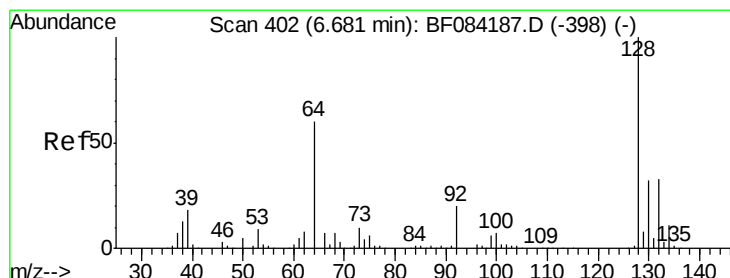
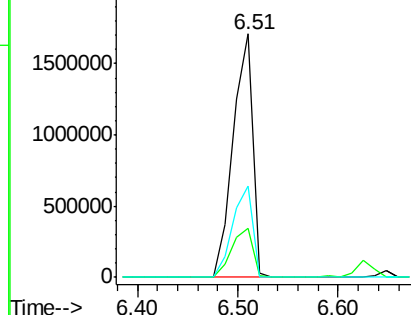
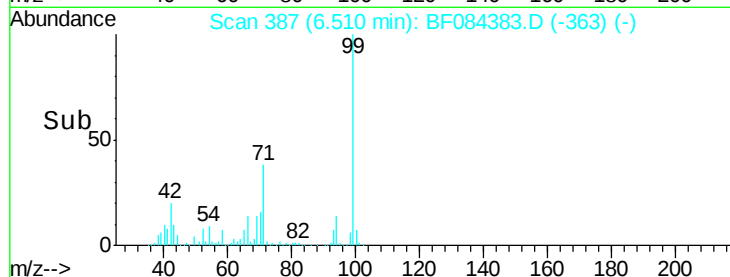
71 37.6 30.9 46.3



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: 39.07 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

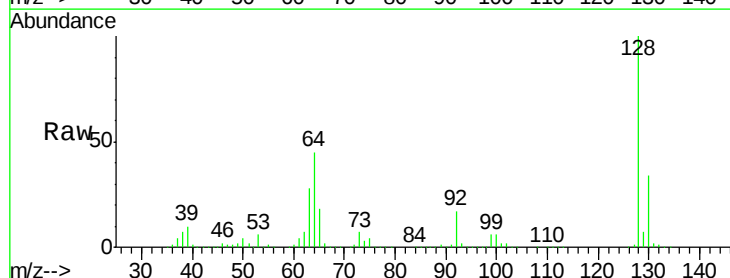
Tgt Ion: 128 Resp: 698699

Ion Ratio Lower Upper

128 100

130 33.8 11.6 51.6

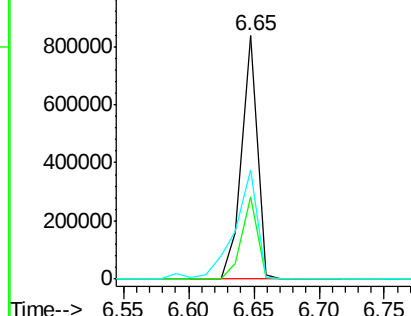
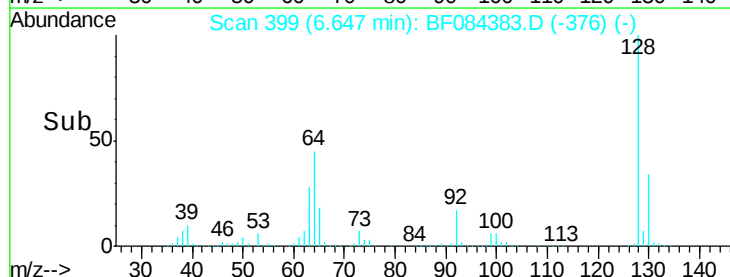
64 44.8 23.8 63.8

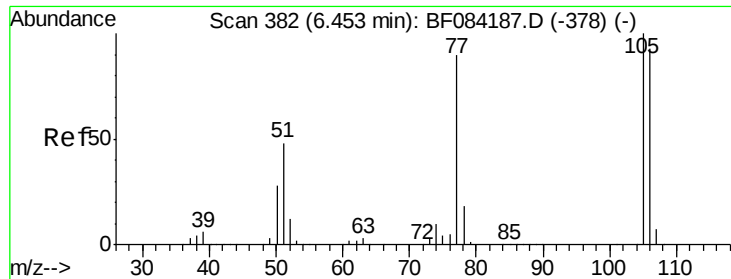


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.97 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.06 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

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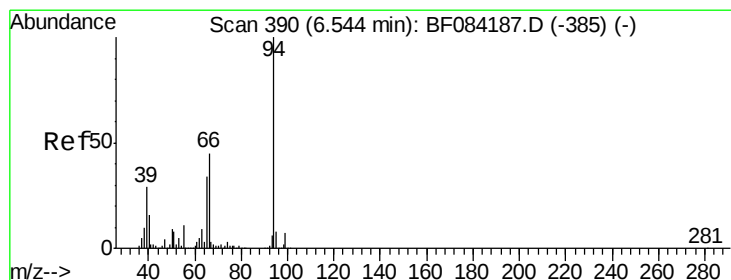
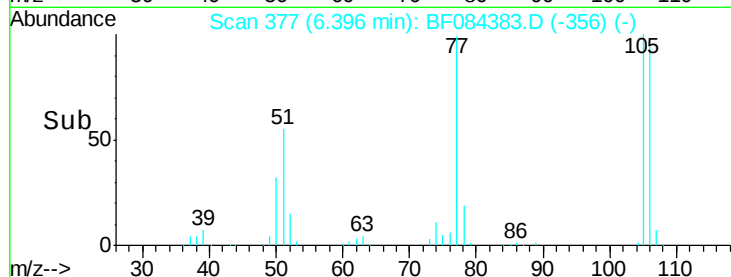
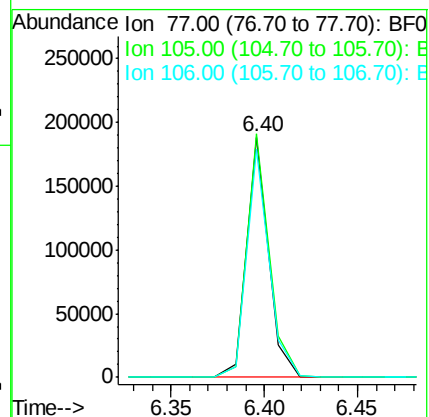
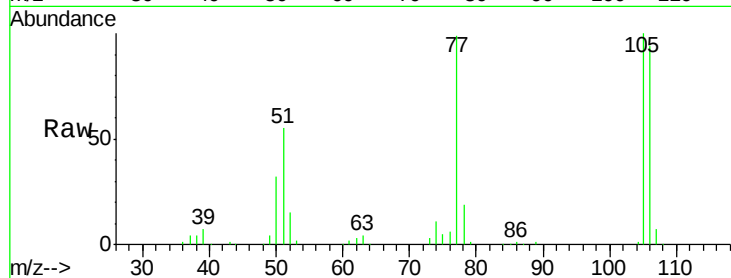
Tgt Ion: 77 Resp: 154299

Ion Ratio Lower Upper

77 100

105 101.4 83.0 123.0

106 94.9 74.6 114.6



#10

Phenol

Concen: 41.10 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

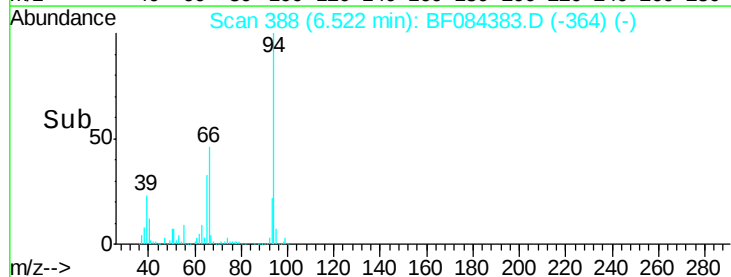
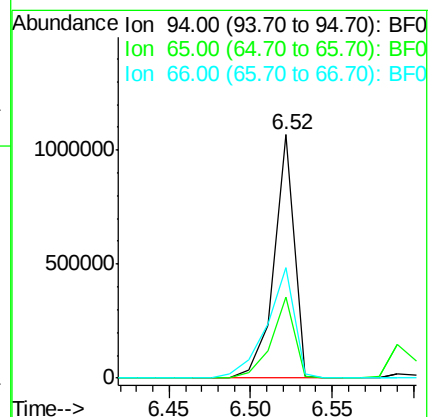
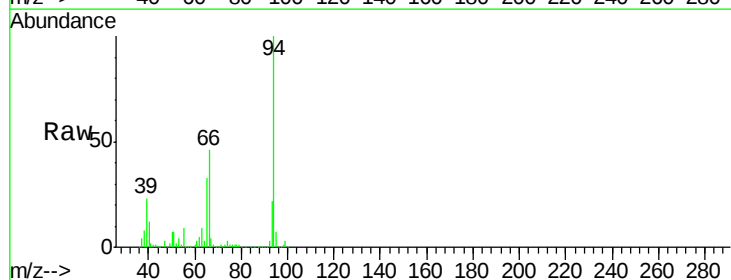
Tgt Ion: 94 Resp: 925119

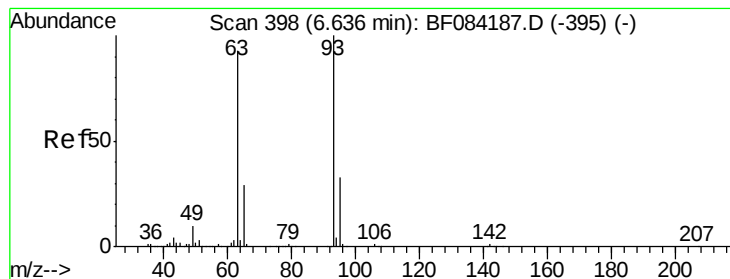
Ion Ratio Lower Upper

94 100

65 33.1 12.9 52.9

66 45.5 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 35.57 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

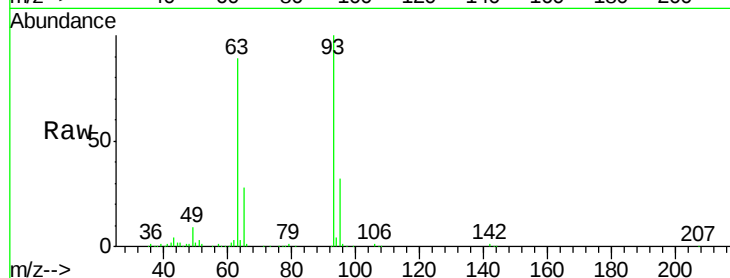
Tgt Ion: 93 Resp: 620150

Ion Ratio Lower Upper

93 100

63 89.1 45.9 85.9#

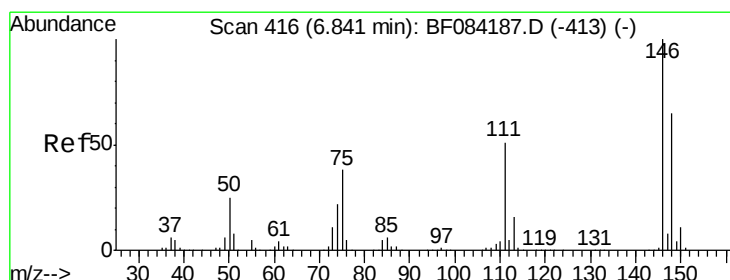
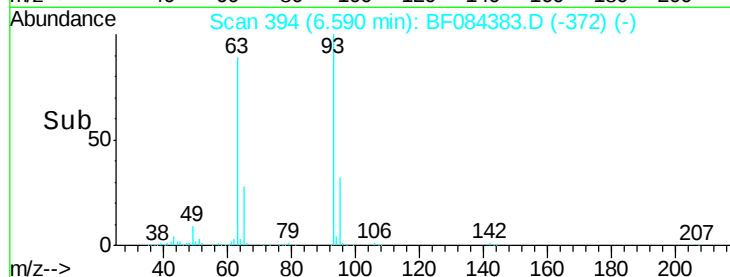
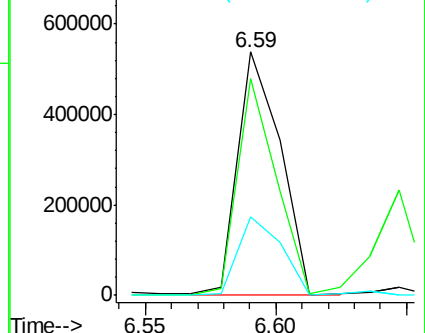
95 32.3 12.3 52.3



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: 38.06 ng m

RT: 6.80 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

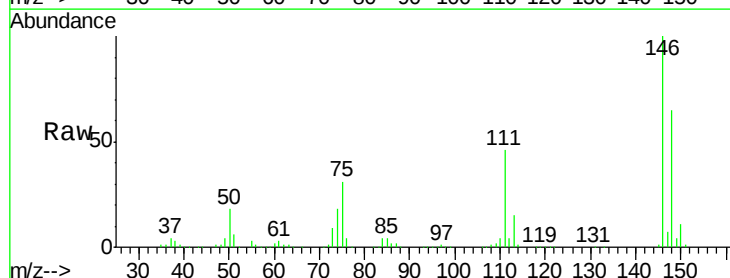
Tgt Ion: 146 Resp: 702097

Ion Ratio Lower Upper

146 100

148 64.9 51.9 77.9

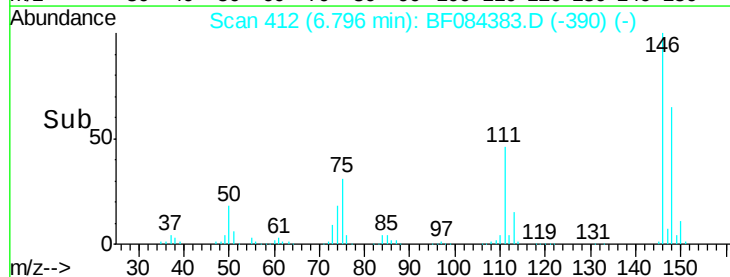
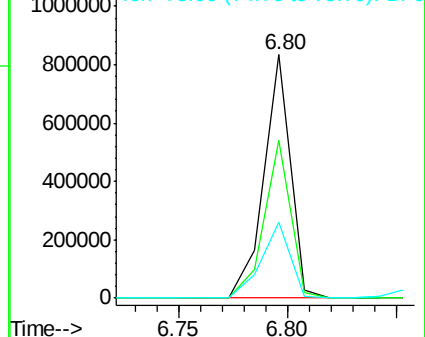
75 31.1 20.5 30.7#

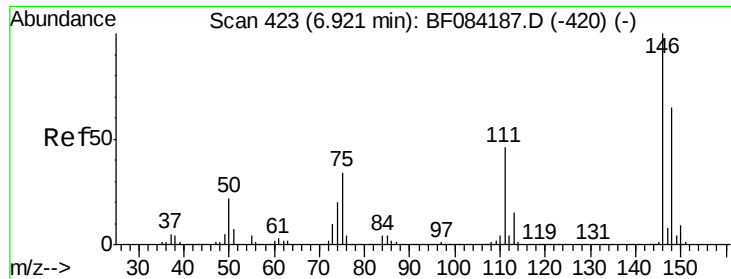


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

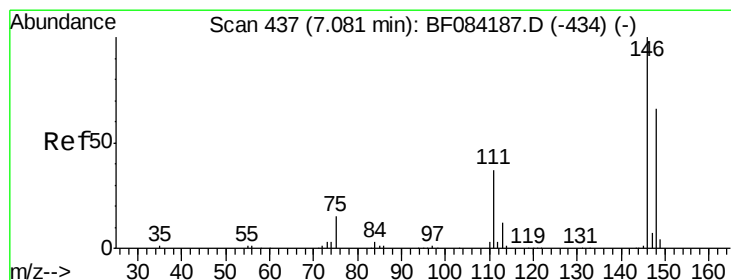
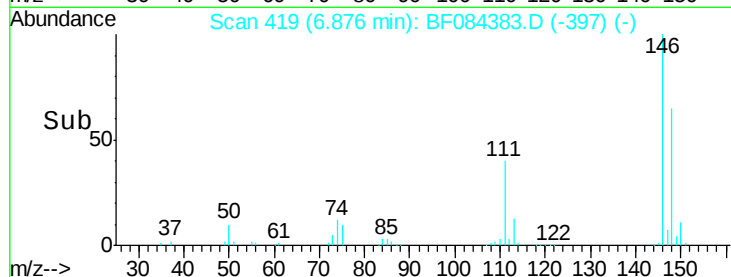
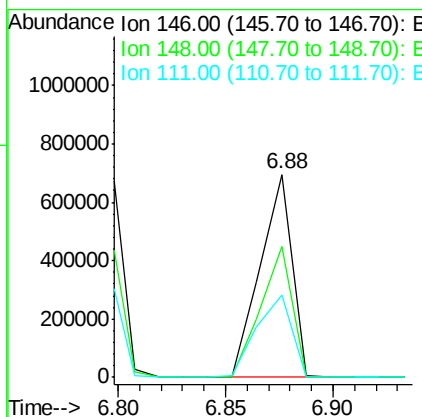
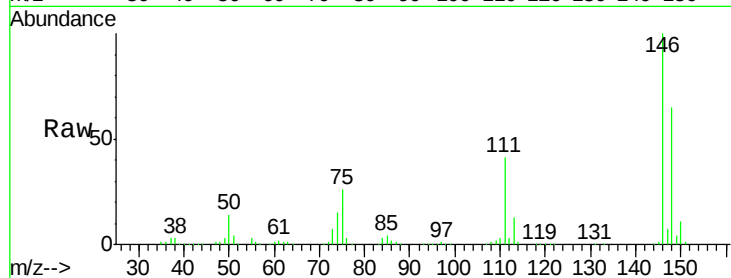




#13
 1,4-Dichlorobenzene
 Concen: 38.05 ng m
 RT: 6.88 min Scan# 419
 Delta R.T. -0.05 min
 Lab File: BF084383.D
 Acq: 11 Jan 2016 16:53

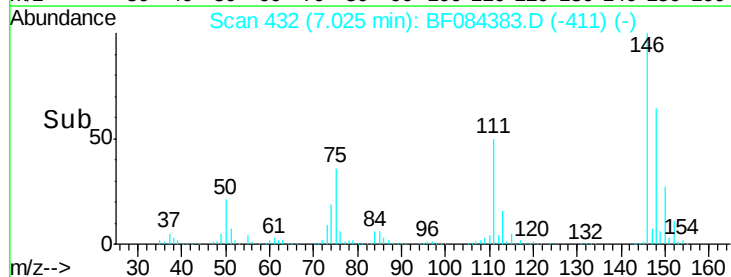
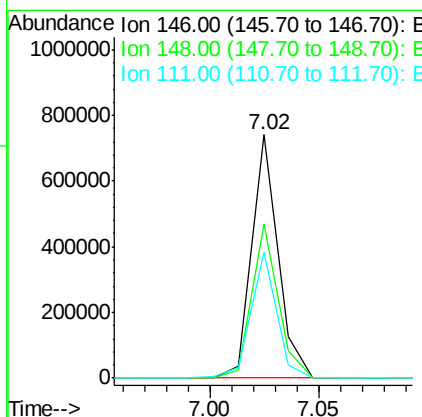
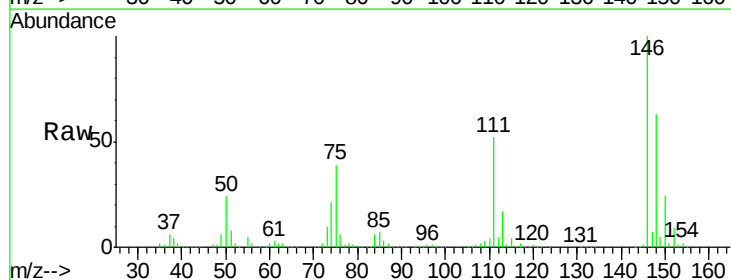
Instrument :
 BNA_F
 ClientSampleId :
 PB87733BS

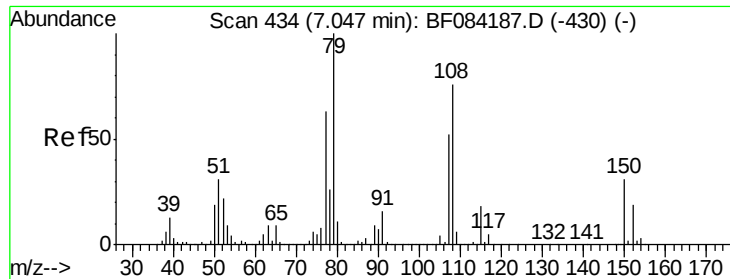
Tgt Ion:146 Resp: 703840
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.9 77.9
 111 40.5 41.6 62.4#



#14
 1,2-Dichlorobenzene
 Concen: 34.92 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.06 min
 Lab File: BF084383.D
 Acq: 11 Jan 2016 16:53

Tgt Ion:146 Resp: 618625
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.6 77.4
 111 52.0 38.0 57.0





#15

Benzyl Alcohol

Concen: 31.50 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

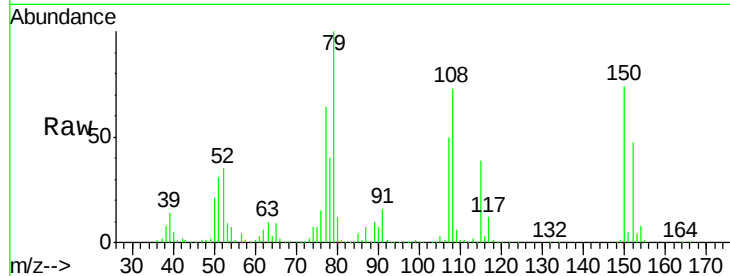
Tgt Ion: 79 Resp: 524502

Ion Ratio Lower Upper

79 100

108 72.7 69.0 103.4

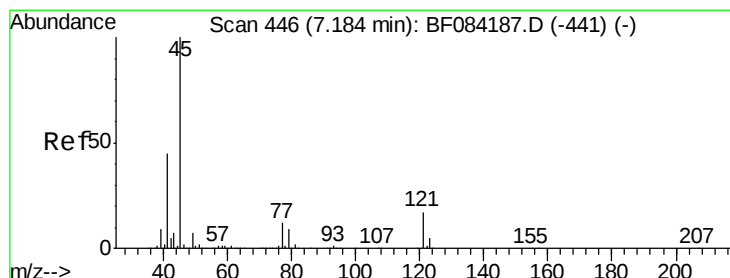
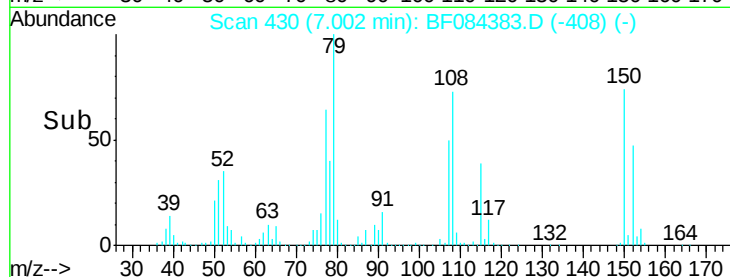
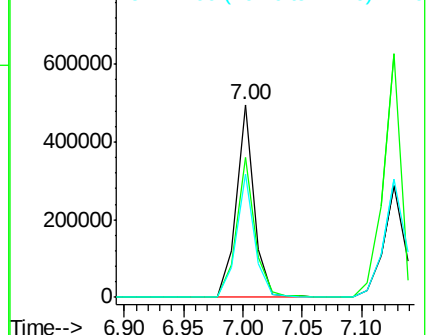
77 64.0 50.0 75.0



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: 32.66 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

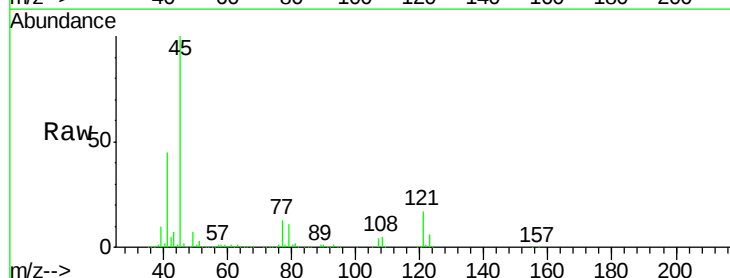
Tgt Ion: 45 Resp: 1036857

Ion Ratio Lower Upper

45 100

77 13.4 0.0 39.6

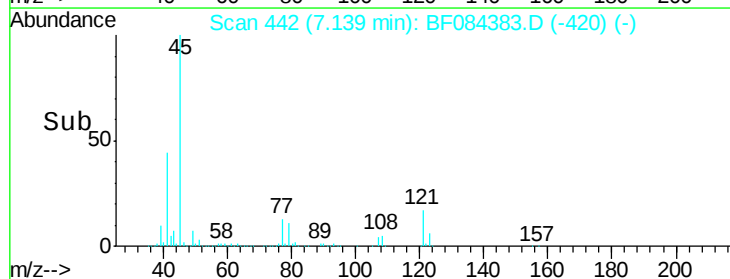
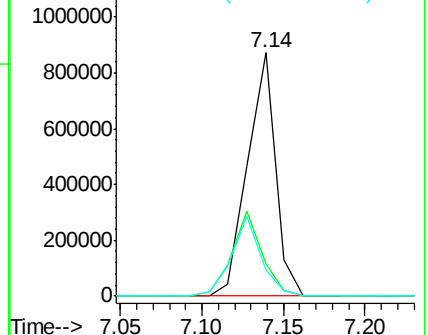
79 10.8 0.0 35.0

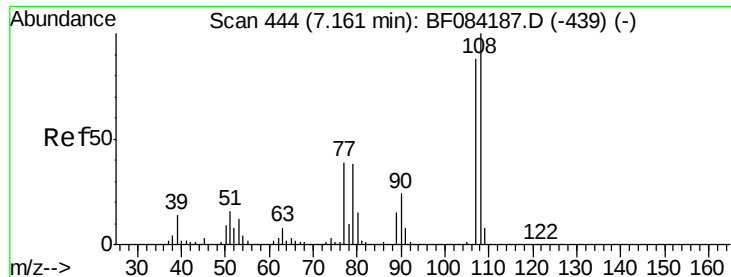


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

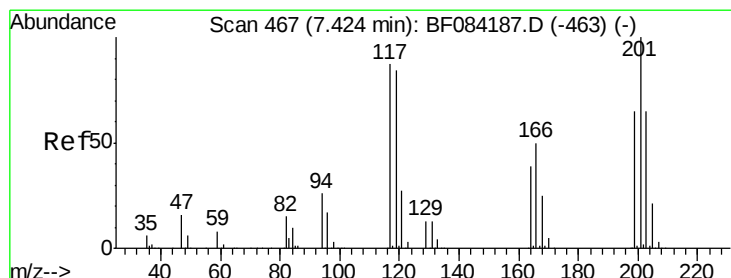
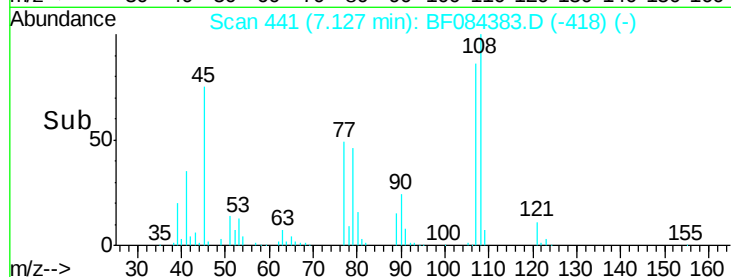
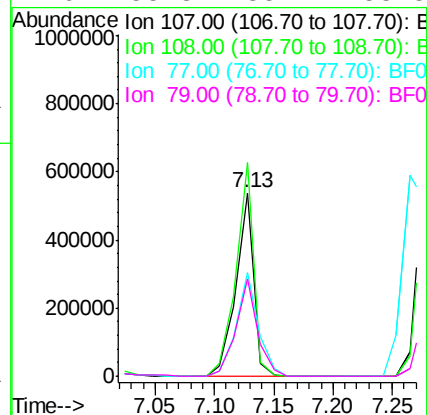
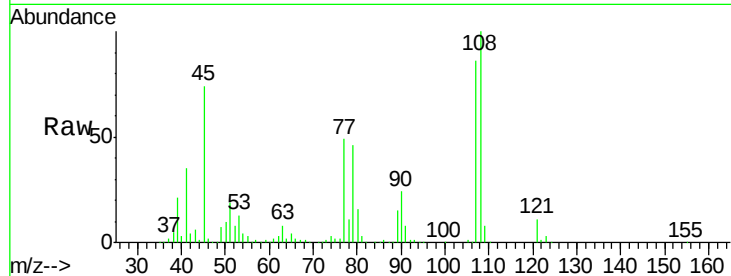




#17
2-Methylphenol
Concen: 37.11 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.03 min
Lab File: BF084383.D
Acq: 11 Jan 2016 16:53

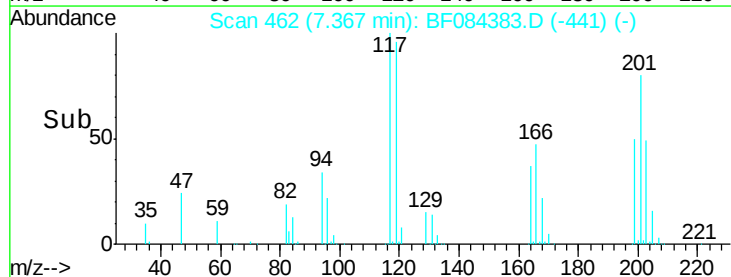
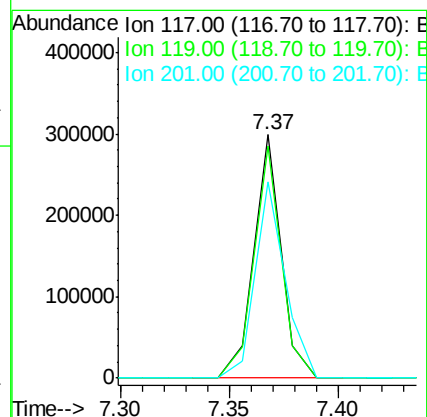
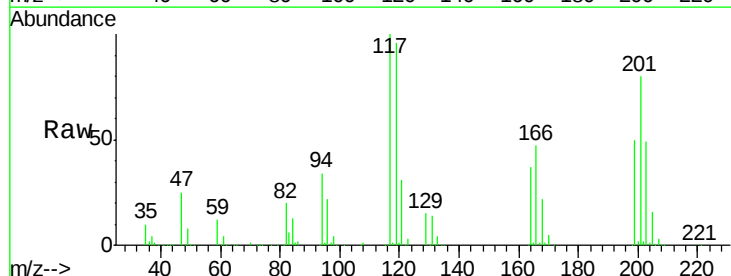
Instrument :
BNA_F
ClientSampleId :
PB87733BS

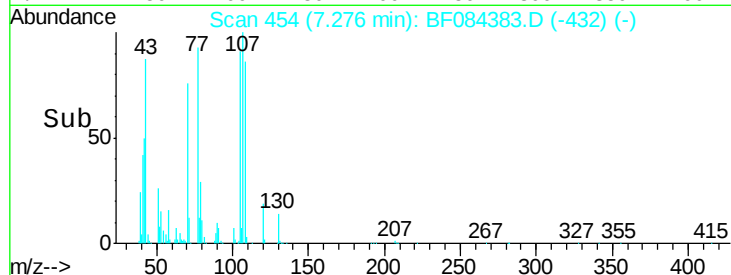
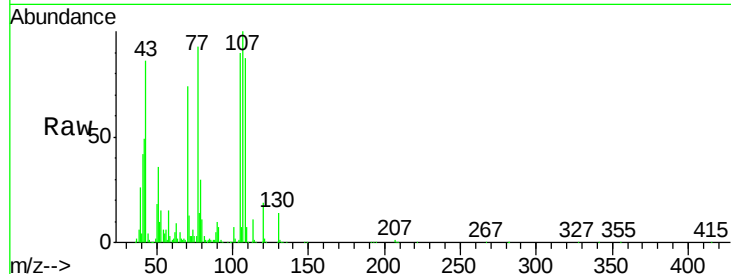
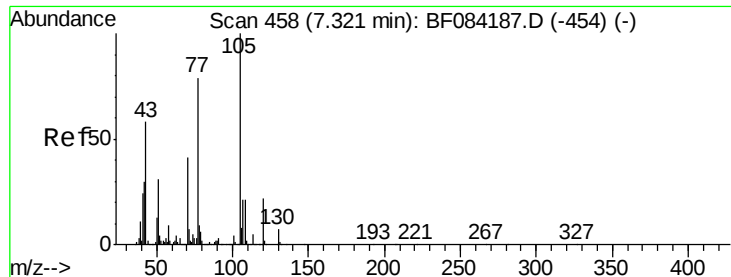
Tgt Ion:107 Resp: 556281
Ion Ratio Lower Upper
107 100
108 116.5 89.8 134.6
77 56.8 35.7 53.5#
79 53.3 35.7 53.5



#18
Hexachloroethane
Concen: 35.22 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF084383.D
Acq: 11 Jan 2016 16:53

Tgt Ion:117 Resp: 260562
Ion Ratio Lower Upper
117 100
119 95.6 77.4 116.0
201 80.5 68.6 103.0

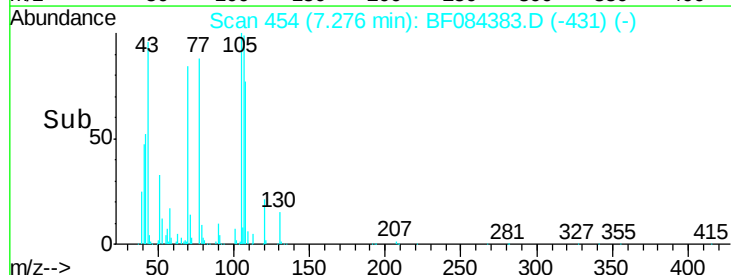
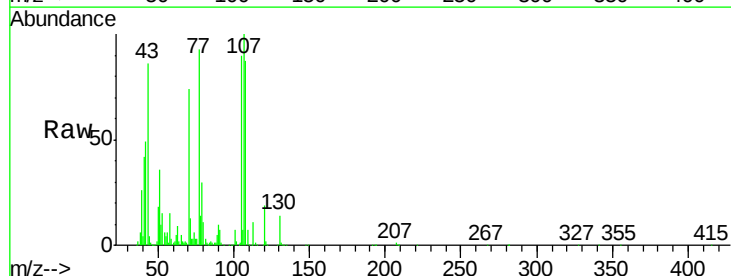
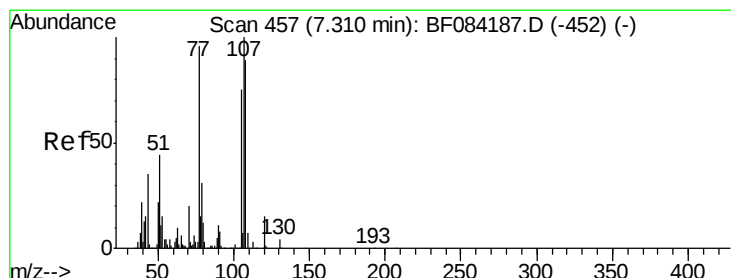
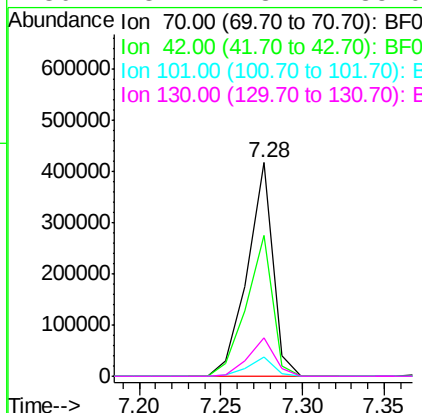




#19
n-Nitroso-di-n-propylamine
Concen: 33.93 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF084383.D
Acq: 11 Jan 2016 16:53

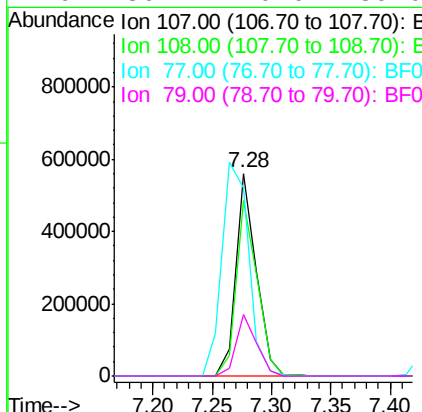
Instrument :
BNA_F
ClientSampleId :
PB87733BS

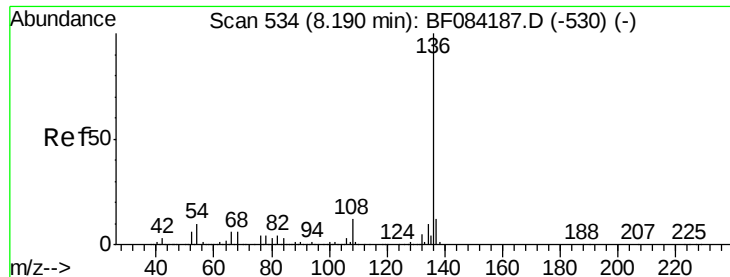
Tgt Ion:	70	Resp:	454624
Ion	Ratio	Lower	Upper
70	100		
42	66.0	33.3	49.9#
101	9.1	9.3	13.9#
130	18.2	23.4	35.0#



#20
3+4-Methylphenols
Concen: 38.00 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF084383.D
Acq: 11 Jan 2016 16:53

Tgt Ion:	107	Resp:	669457
Ion	Ratio	Lower	Upper
107	100		
108	86.6	74.6	114.6
77	93.0	0.7	40.7#
79	30.1	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

Tgt Ion:136 Resp: 1055674

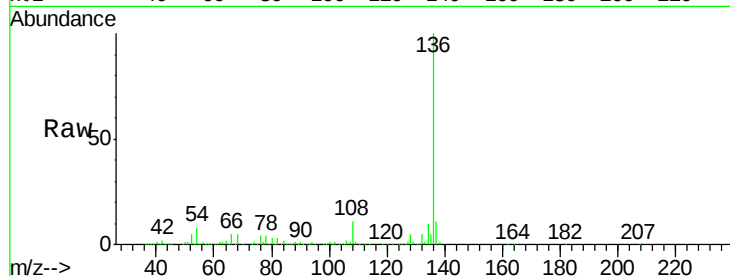
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.4 5.8 8.8

68 5.0 4.2 6.2

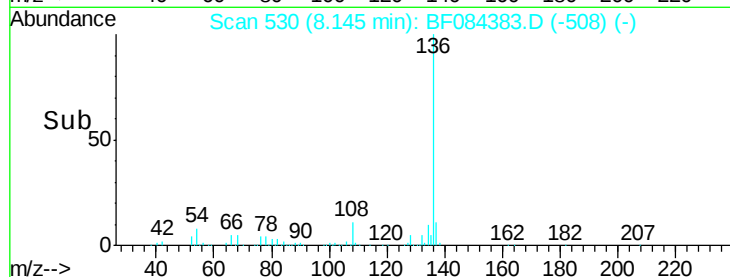


Abundance Ion 136.00 (135.70 to 136.70): E

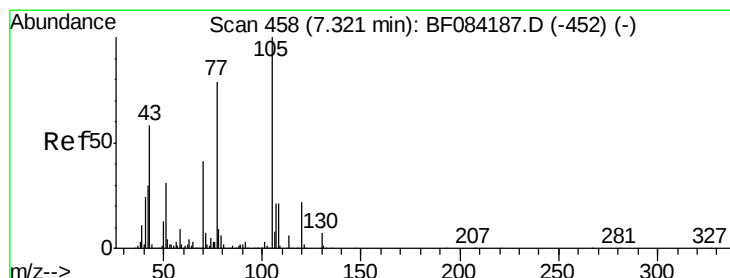
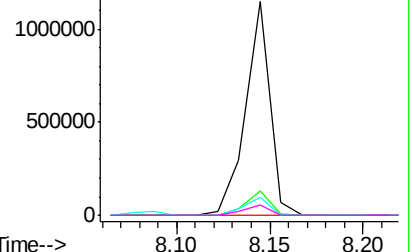
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 37.27 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.06 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Tgt Ion:105 Resp: 946011

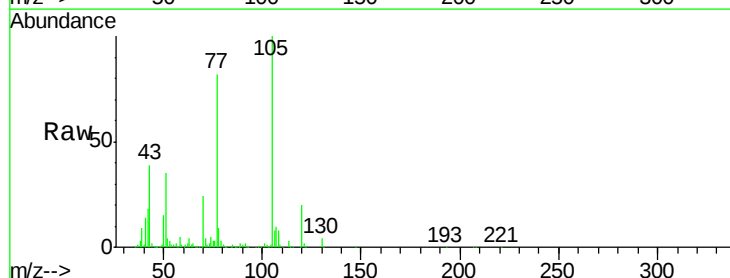
Ion Ratio Lower Upper

105 100

71 4.1 3.7 5.5

51 35.0 25.1 37.7

120 19.6 16.6 25.0

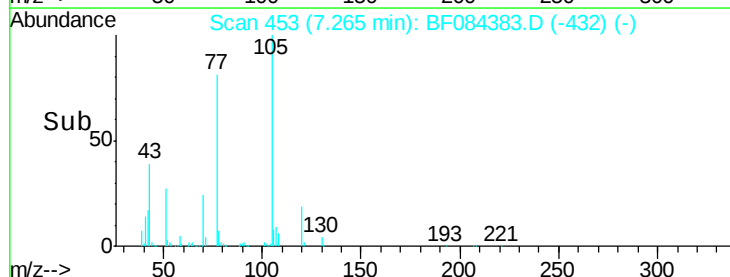


Abundance Ion 105.00 (104.70 to 105.70): E

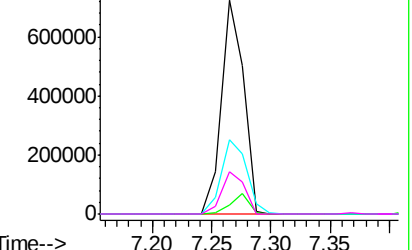
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 73.15 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

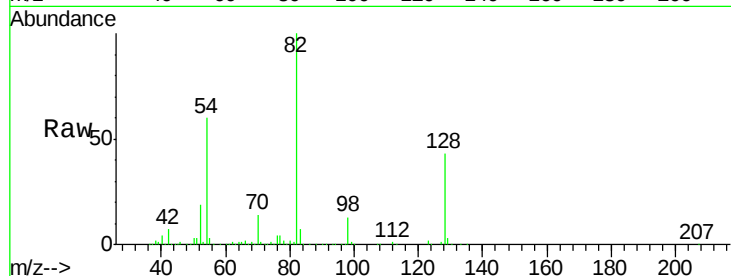
Tgt Ion: 82 Resp: 1387610

Ion Ratio Lower Upper

82 100

128 42.8 34.6 51.8

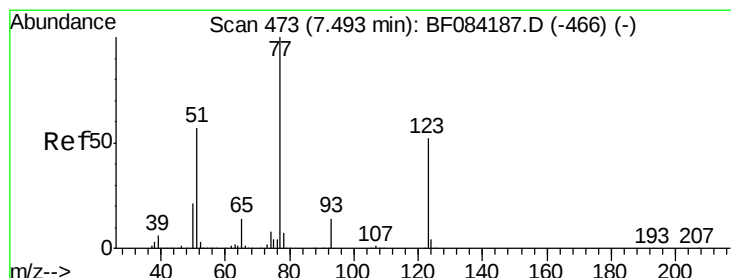
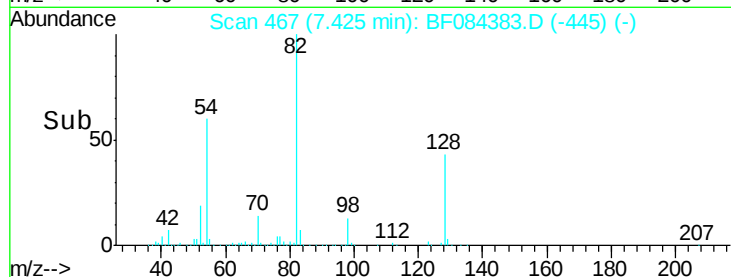
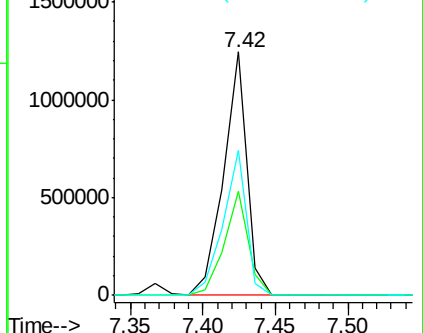
54 59.6 38.4 57.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.87 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

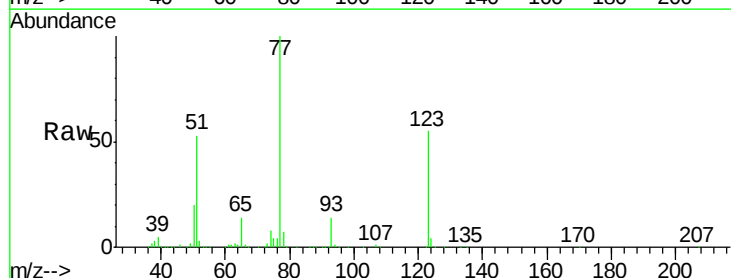
Tgt Ion: 77 Resp: 747872

Ion Ratio Lower Upper

77 100

123 55.2 37.4 56.2

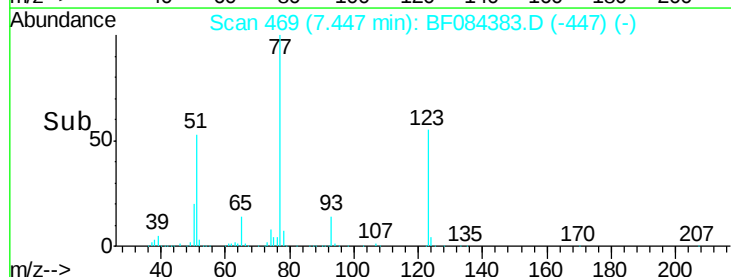
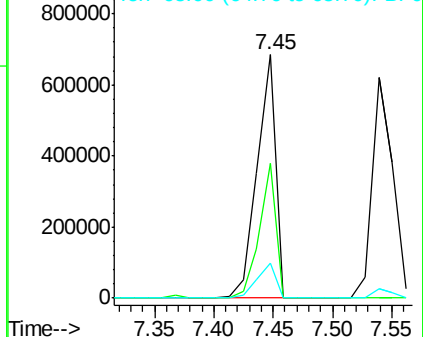
65 14.2 10.9 16.3

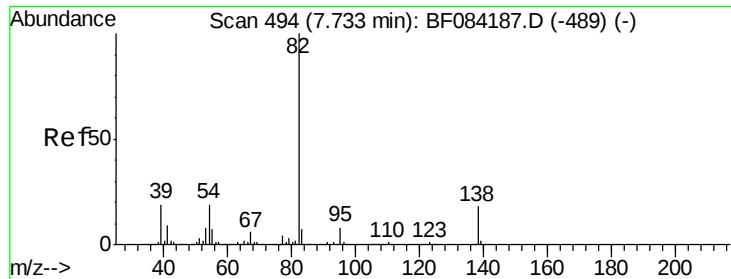


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.20 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

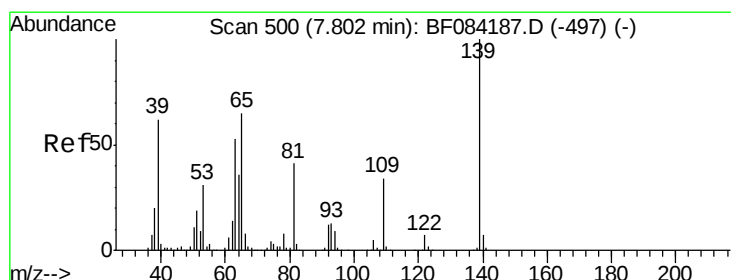
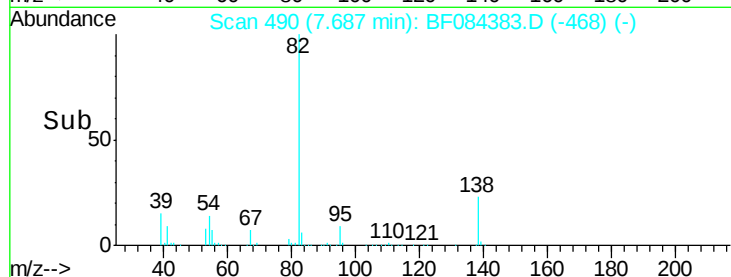
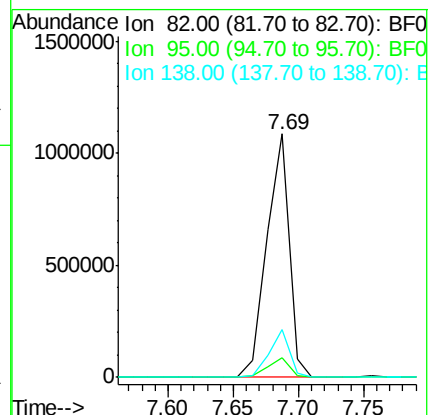
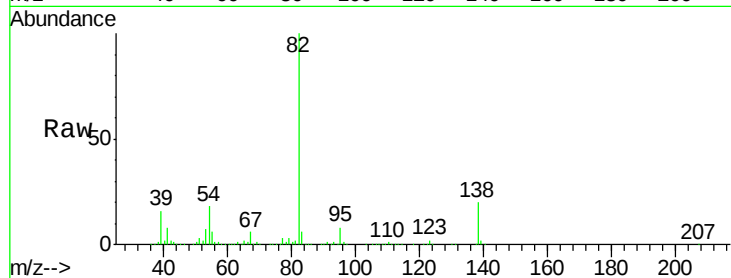
Tgt Ion: 82 Resp: 1313217

Ion Ratio Lower Upper

82 100

95 8.0 6.6 10.0

138 19.8 13.6 20.4



#26

2-Nitrophenol

Concen: 36.29 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

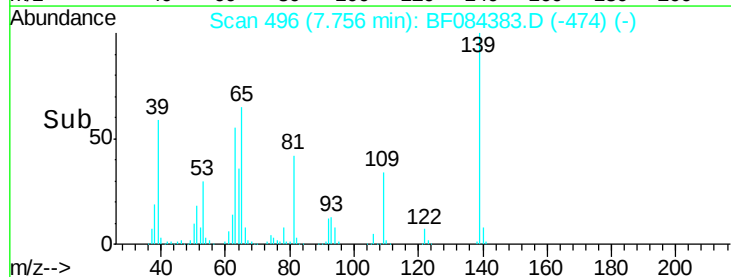
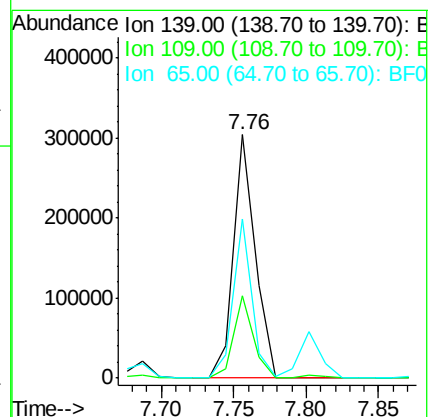
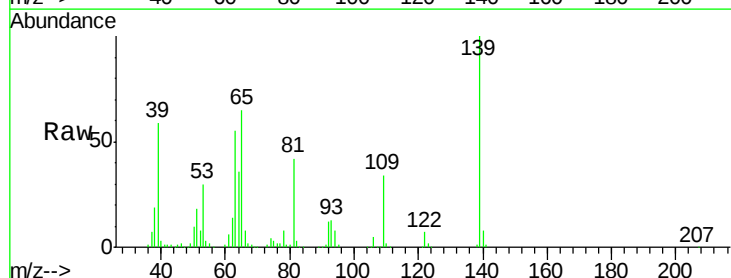
Tgt Ion: 139 Resp: 317741

Ion Ratio Lower Upper

139 100

109 34.0 25.4 38.2

65 65.3 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 33.88 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

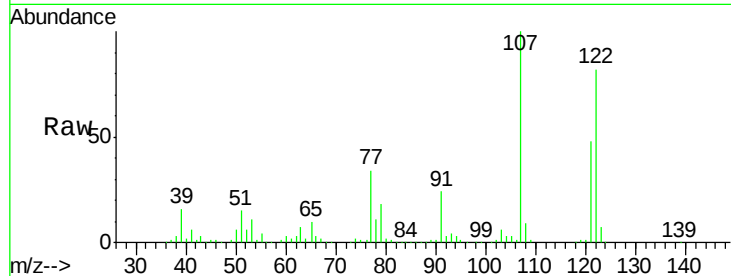
Tgt Ion:122 Resp: 600366

Ion Ratio Lower Upper

122 100

107 121.8 99.1 148.7

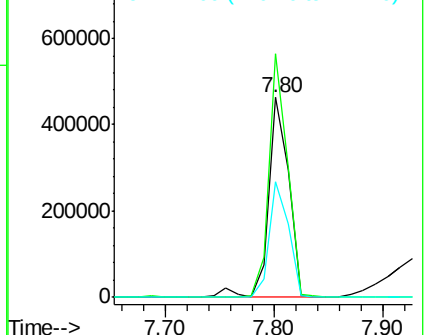
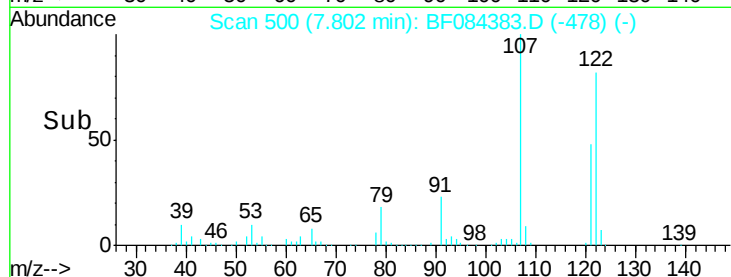
121 58.0 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.22 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

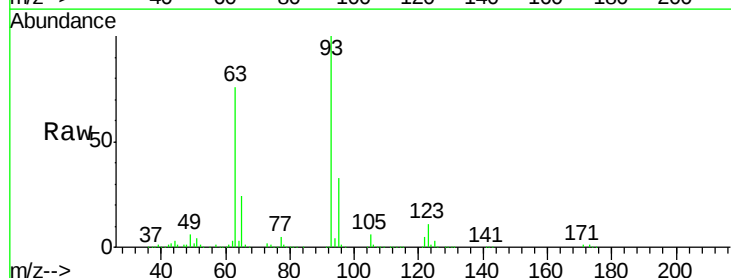
Tgt Ion: 93 Resp: 758176

Ion Ratio Lower Upper

93 100

95 33.1 25.8 38.6

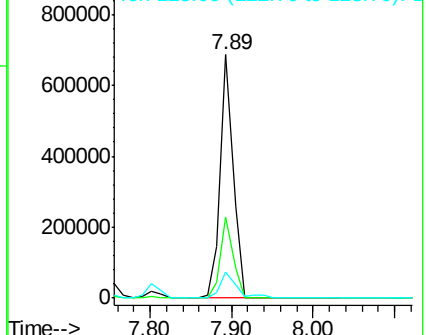
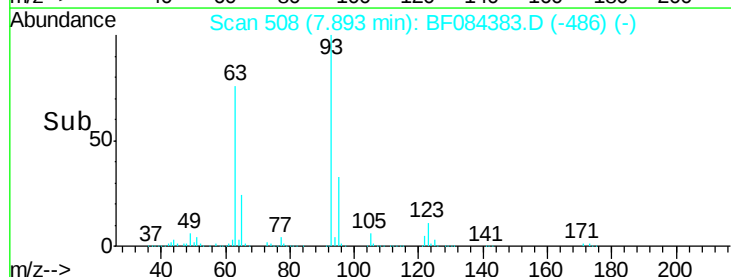
123 10.5 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

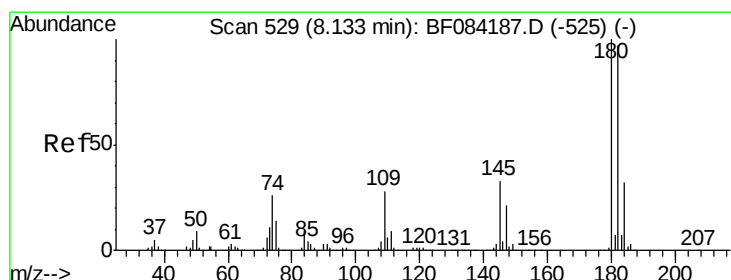
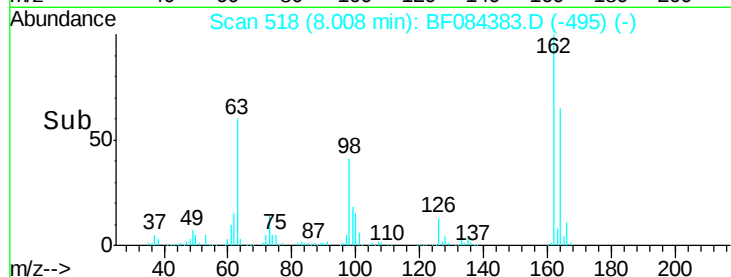
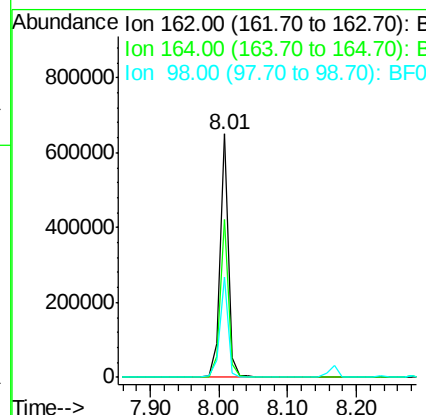
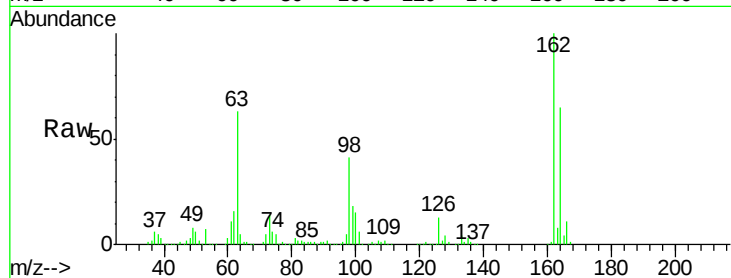




#29
 2,4-Dichlorophenol
 Concen: 37.83 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.03 min
 Lab File: BF084383.D
 Acq: 11 Jan 2016 16:53

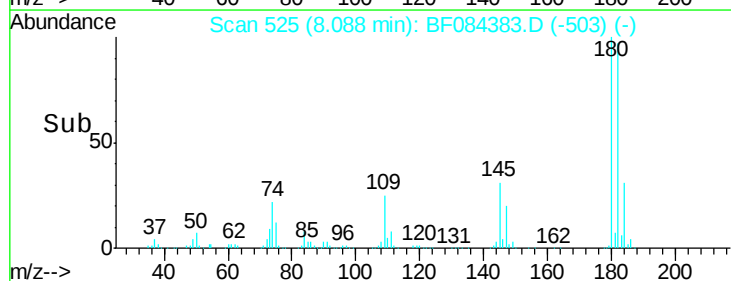
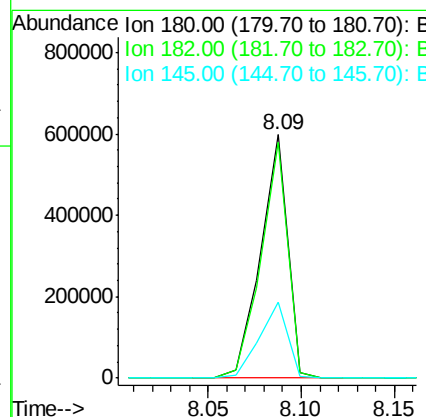
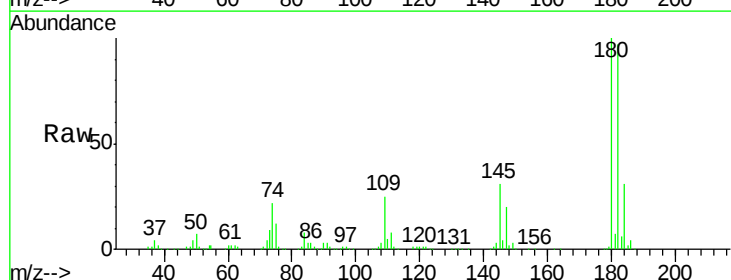
Instrument :
 BNA_F
 ClientSampleId :
 PB87733BS

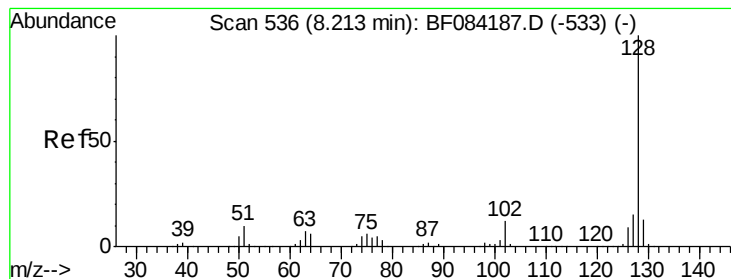
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.1	84.1
98	41.0	20.2	60.2



#30
 1,2,4-Trichlorobenzene
 Concen: 39.24 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.05 min
 Lab File: BF084383.D
 Acq: 11 Jan 2016 16:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.4	114.6
145	31.2	31.6	47.4#





#31

Naphthalene

Concen: 39.83 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampled :

PB87733BS

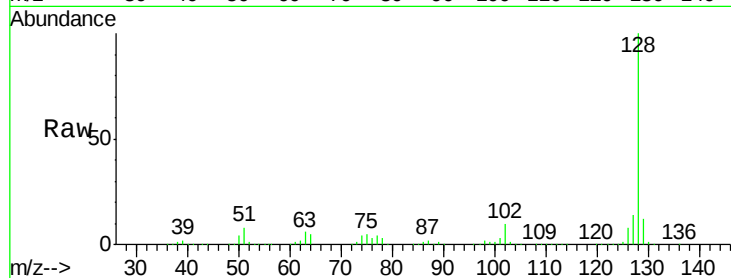
Tgt Ion:128 Resp: 1907906

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

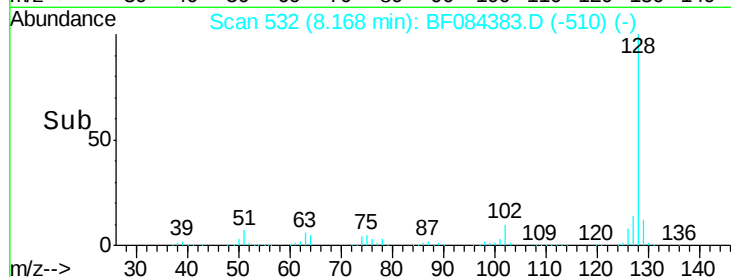
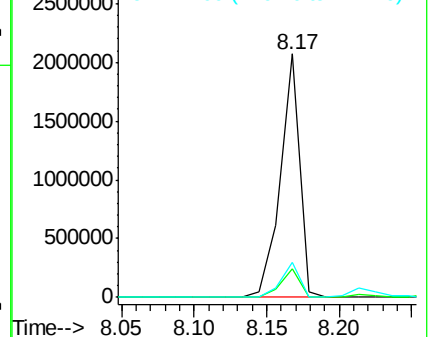
127 14.3 11.1 16.7



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: 27.15 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.03 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

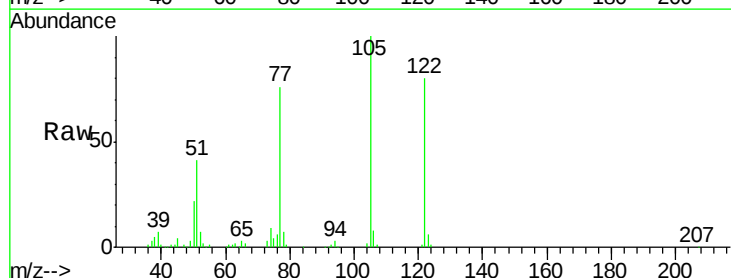
Tgt Ion:122 Resp: 273929

Ion Ratio Lower Upper

122 100

105 125.0 100.3 140.3

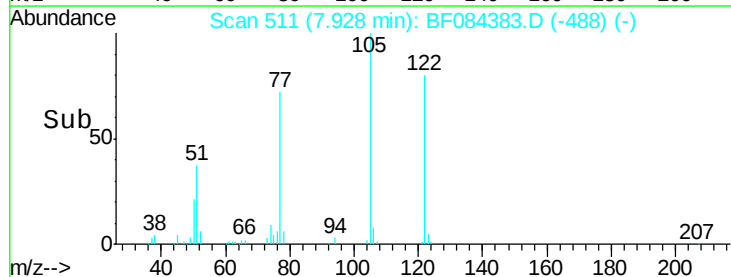
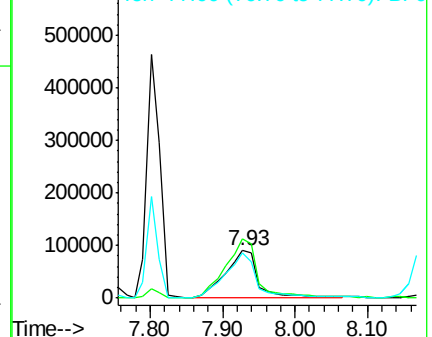
77 94.5 63.5 103.5



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

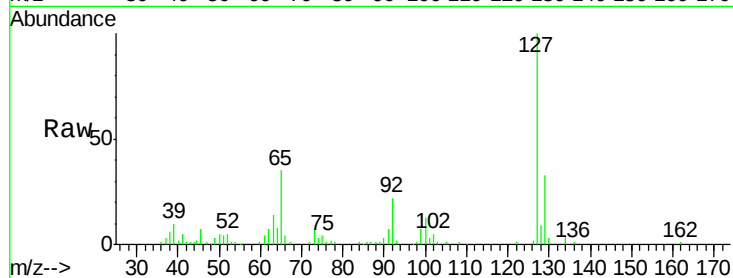




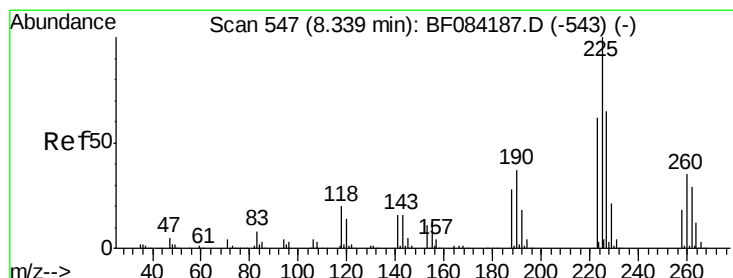
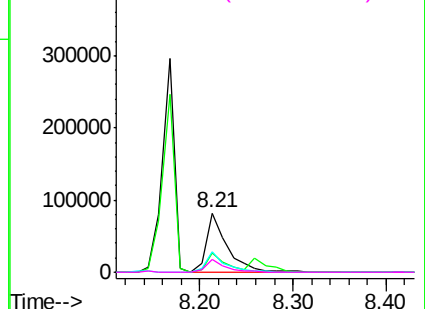
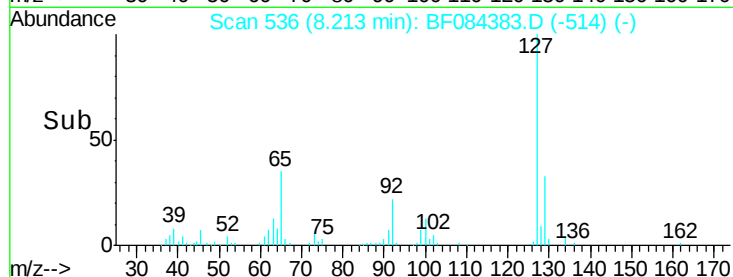
#33
4-Chloroaniline
Concen: 5.84 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF084383.D
Acq: 11 Jan 2016 16:53

Instrument :
BNA_F
ClientSampleId :
PB87733BS

Tgt Ion:	127	Resp:	128222
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.5	39.7
65	35.4	27.2	40.8
92	21.8	17.7	26.5

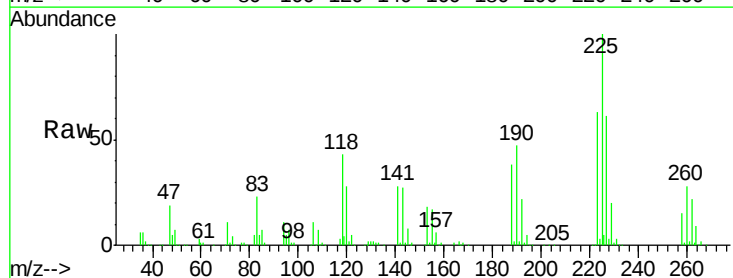


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

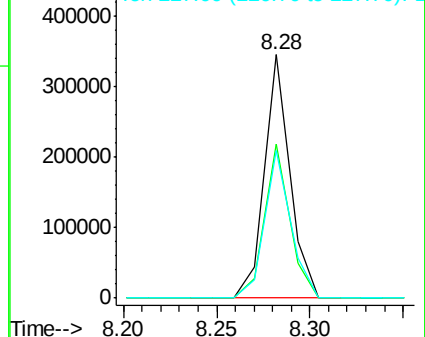
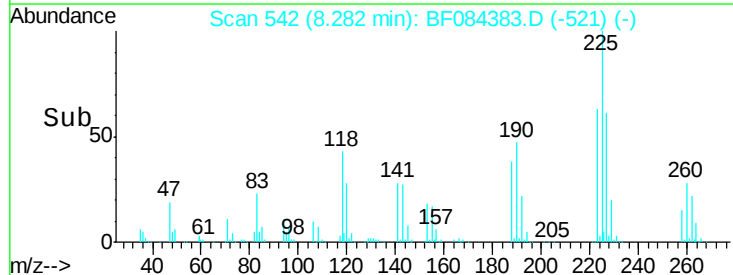


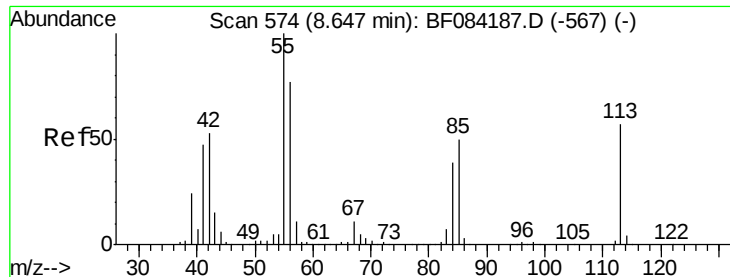
#34
Hexachlorobutadiene
Concen: 36.84 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.06 min
Lab File: BF084383.D
Acq: 11 Jan 2016 16:53

Tgt Ion:	225	Resp:	322787
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.0
227	60.7	50.8	76.2



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

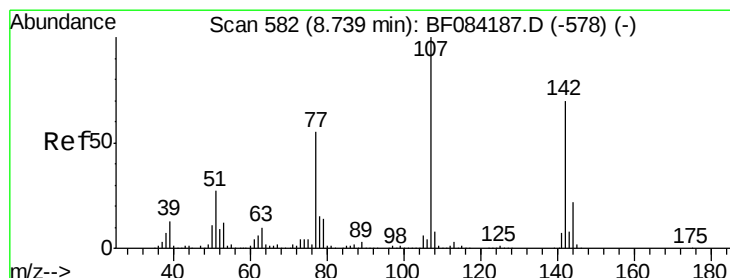
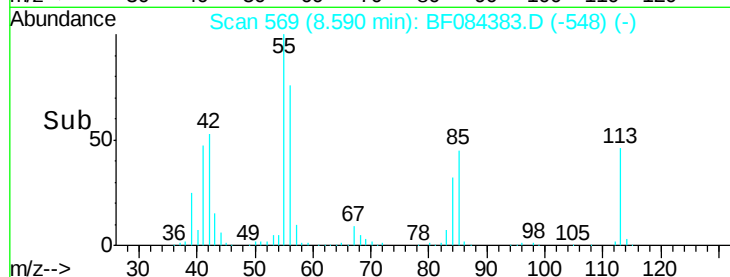
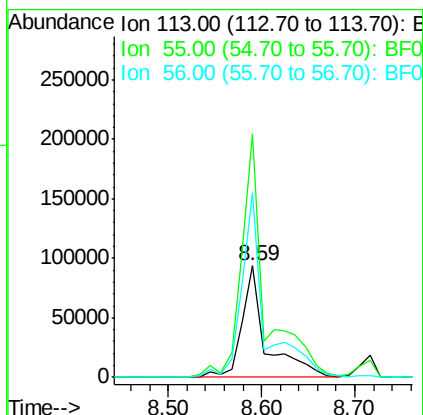
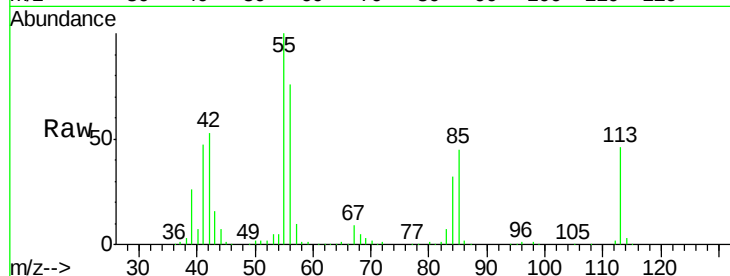




#35
 Caprolactam
 Concen: 34.19 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.06 min
 Lab File: BF084383.D
 Acq: 11 Jan 2016 16:53

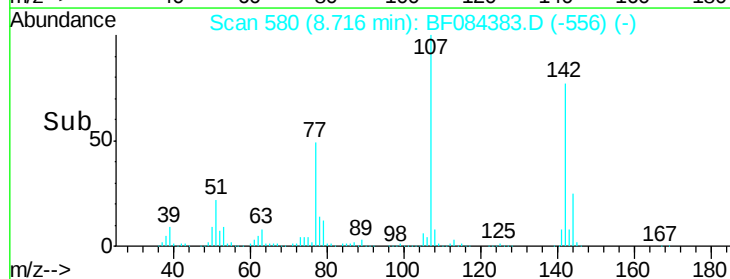
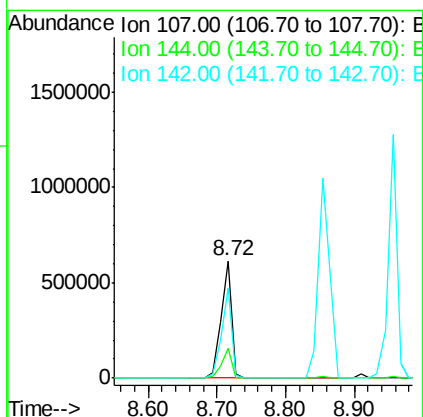
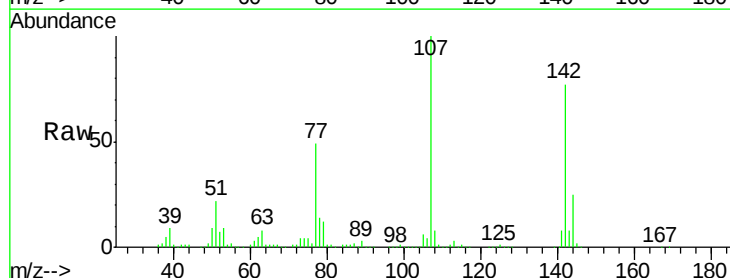
Instrument :
 BNA_F
 ClientSampleId :
 PB87733BS

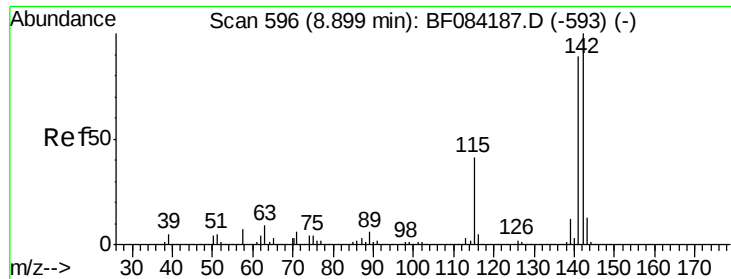
Tgt Ion:113 Resp: 170157
 Ion Ratio Lower Upper
 113 100
 55 217.9 116.9 156.9#
 56 165.2 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.12 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.02 min
 Lab File: BF084383.D
 Acq: 11 Jan 2016 16:53

Tgt Ion:107 Resp: 663427
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.7 29.5
 142 76.7 61.8 92.6

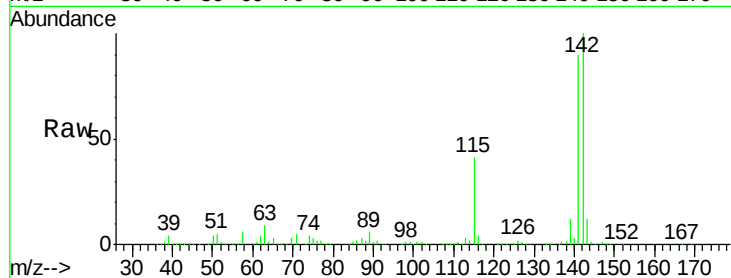




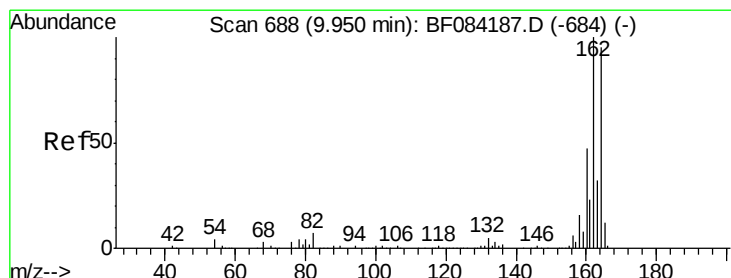
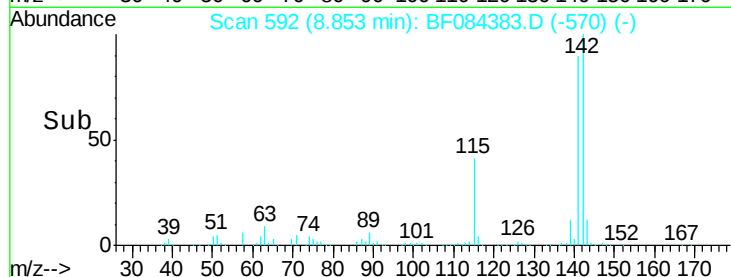
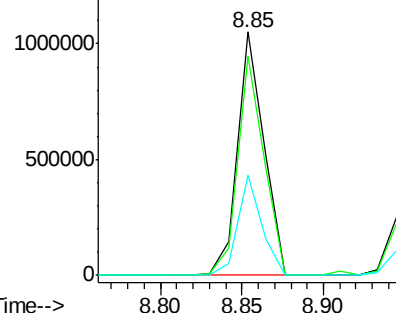
#37
 2-Methylnaphthalene
 Concen: 34.36 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.05 min
 Lab File: BF084383.D
 Acq: 11 Jan 2016 16:53

Instrument :
 BNA_F
 ClientSampled :
 PB87733BS

Tgt Ion:142 Resp: 1181323
 Ion Ratio Lower Upper
 142 100
 141 89.9 72.4 108.6
 115 40.9 27.9 41.9

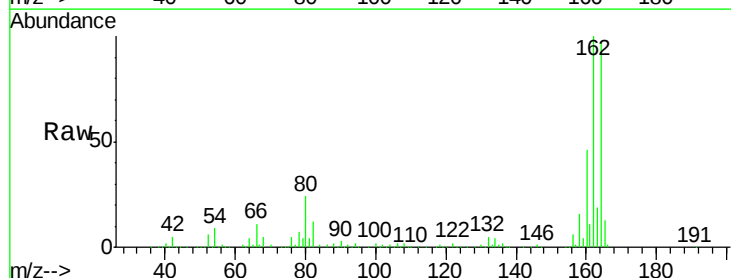


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

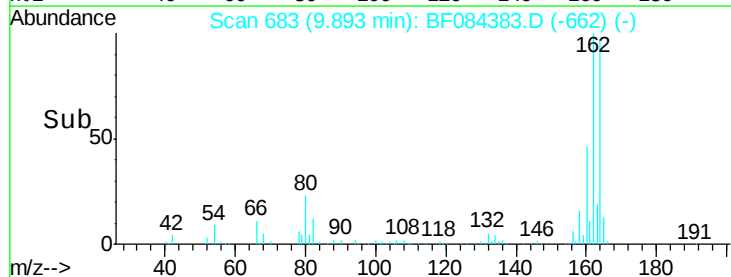
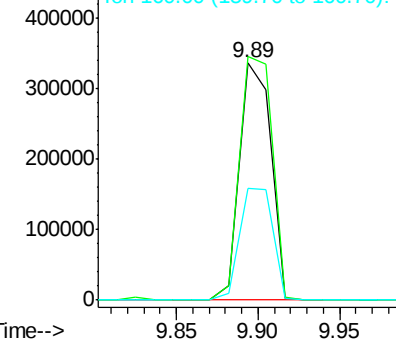


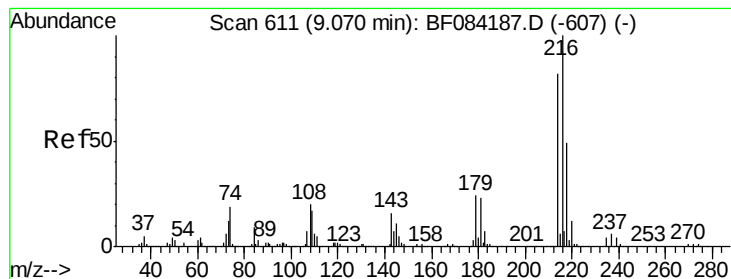
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF084383.D
 Acq: 11 Jan 2016 16:53

Tgt Ion:164 Resp: 450907
 Ion Ratio Lower Upper
 164 100
 162 102.6 85.1 127.7
 160 47.2 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: 42.48 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

Tgt Ion:216 Resp: 550715

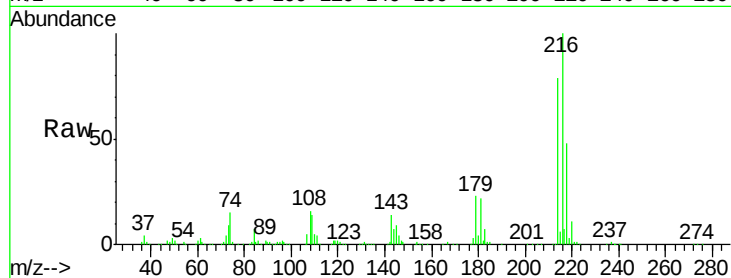
Ion Ratio Lower Upper

216 100

214 79.3 64.2 96.2

179 23.5 18.7 28.1

108 20.5 16.8 25.2

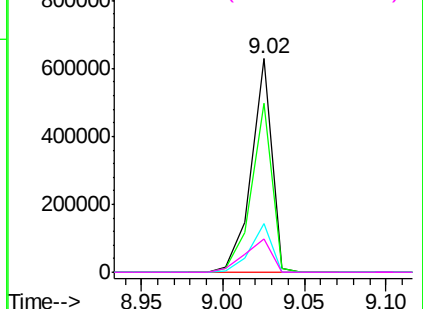
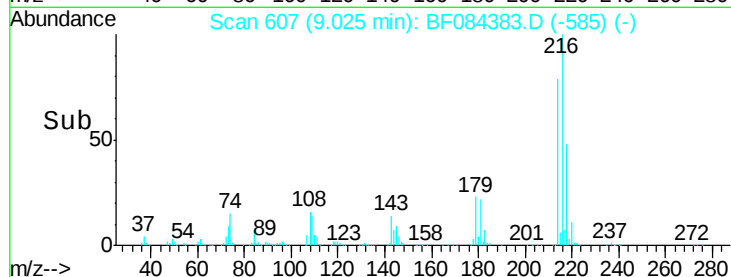


Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.76 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

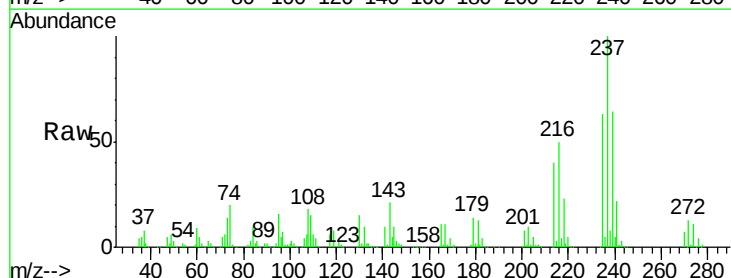
Tgt Ion:237 Resp: 279830

Ion Ratio Lower Upper

237 100

235 63.0 43.1 83.1

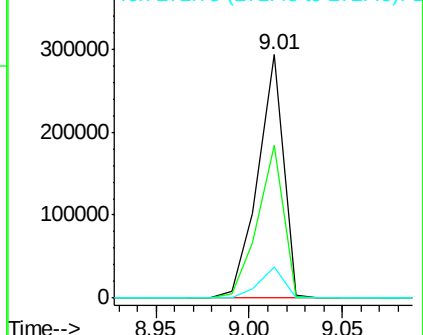
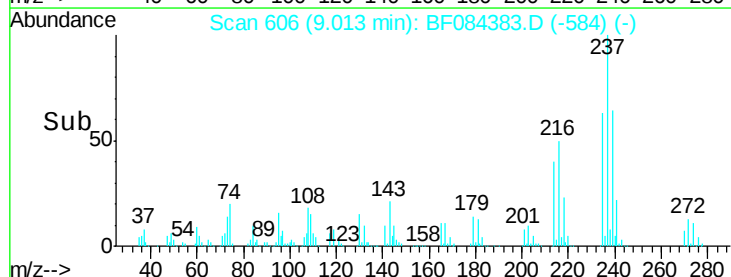
272 12.9 0.0 35.1



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

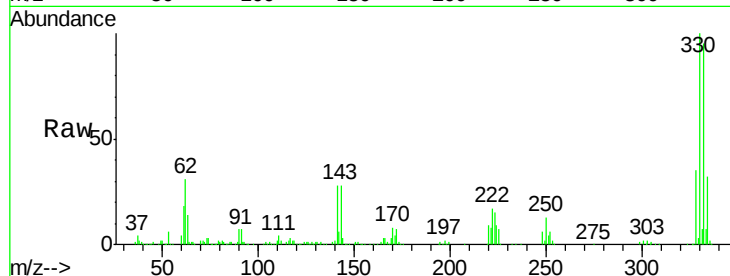




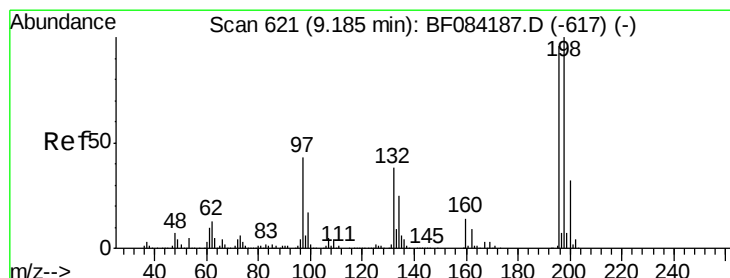
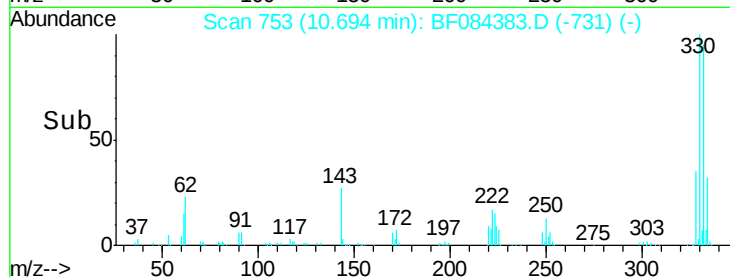
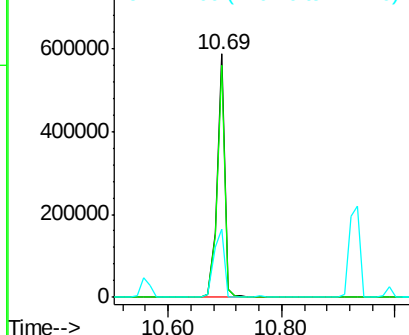
#41
 2,4,6-Tribromophenol
 Concen: 117.93 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084383.D
 Acq: 11 Jan 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB87733BS

Tgt Ion:330 Resp: 536837
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 38.2 27.8 41.6

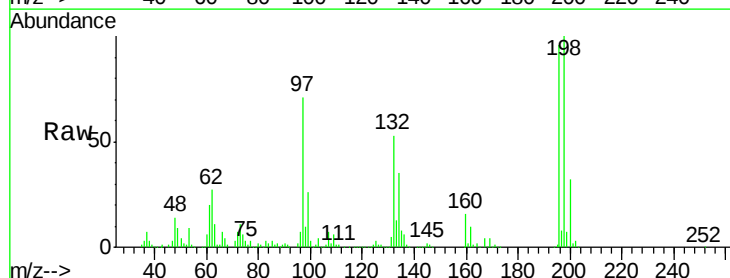


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

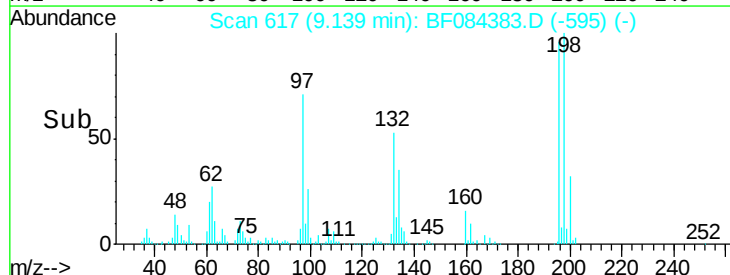
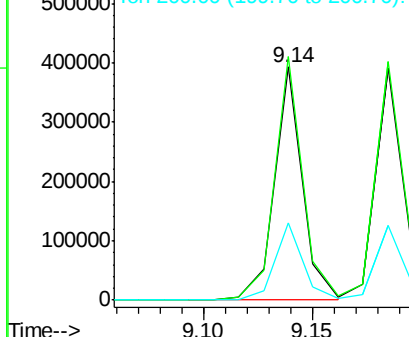


#42
 2,4,6-Trichlorophenol
 Concen: 36.45 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.05 min
 Lab File: BF084383.D
 Acq: 11 Jan 2016 16:53

Tgt Ion:196 Resp: 353499
 Ion Ratio Lower Upper
 196 100
 198 104.4 77.7 116.5
 200 33.4 24.6 37.0



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

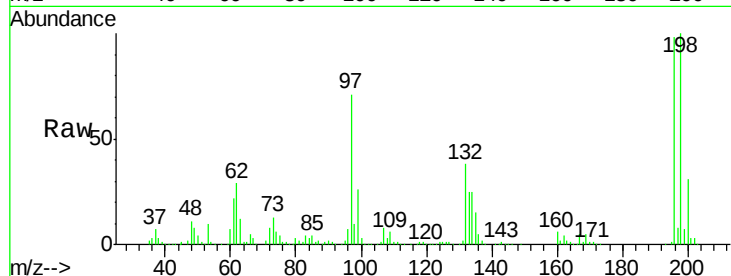




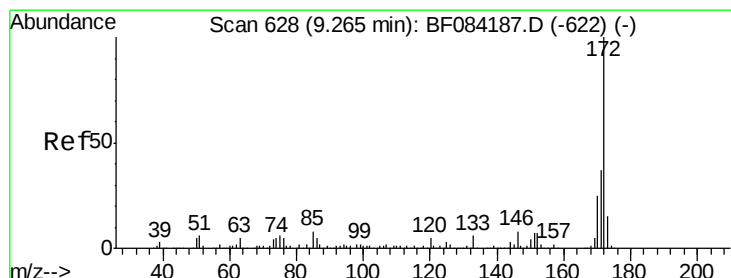
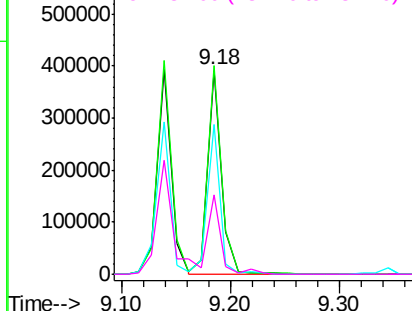
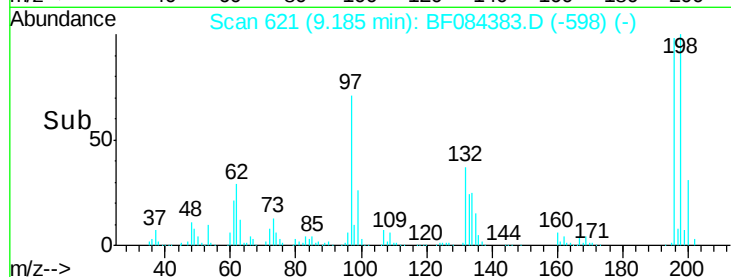
#43
 2,4,5-Trichlorophenol
 Concen: 37.38 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF084383.D
 Acq: 11 Jan 2016 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB87733BS

Tgt Ion:196 Resp: 347549
 Ion Ratio Lower Upper
 196 100
 198 102.5 79.0 118.6
 97 73.3 33.0 49.6#
 132 38.7 21.1 31.7#

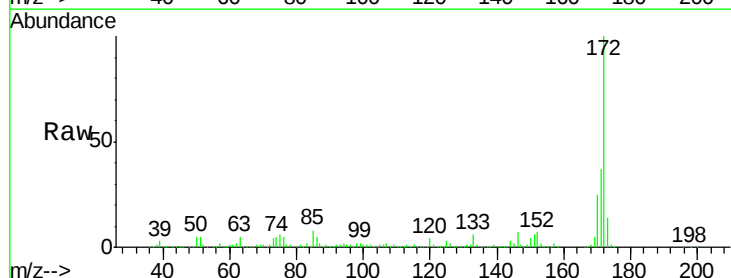


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

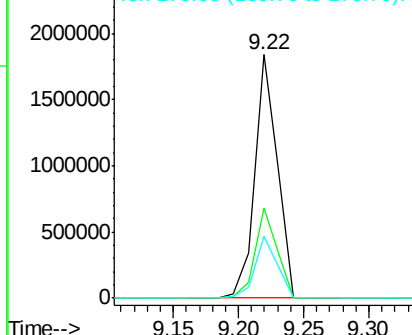
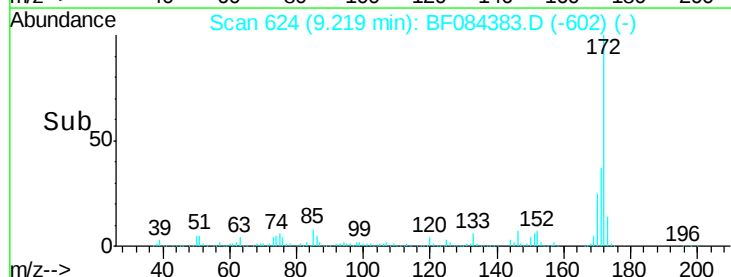


#44
 2-Fluorobiphenyl
 Concen: 86.20 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.04 min
 Lab File: BF084383.D
 Acq: 11 Jan 2016 16:53

Tgt Ion:172 Resp: 2207214
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.9 43.3
 170 25.3 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

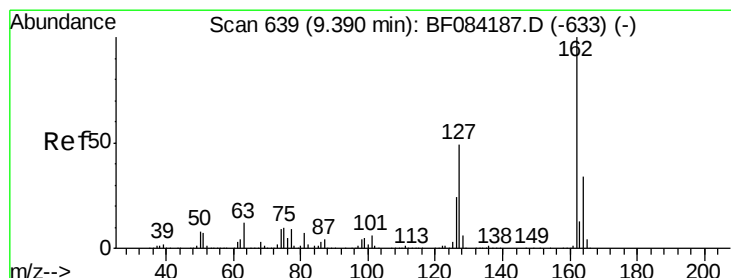
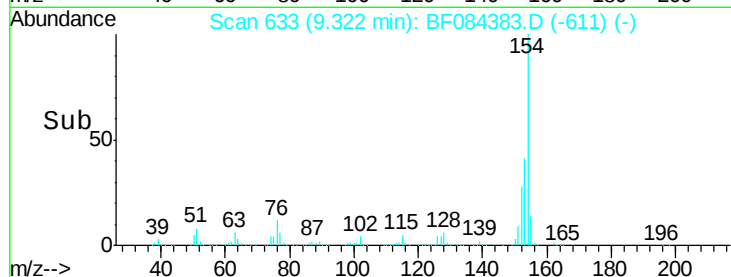
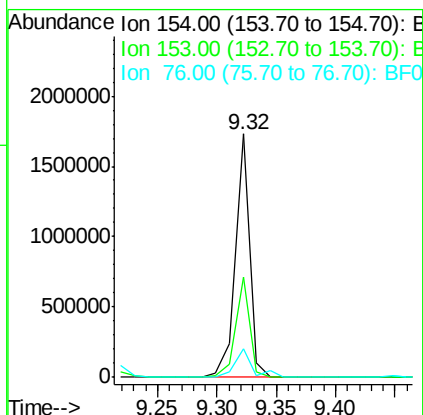
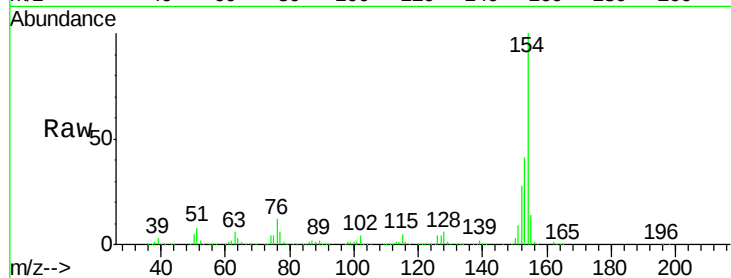




#45
 1,1'-Biphenyl
 Concen: 40.39 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.05 min
 Lab File: BF084383.D
 Acq: 11 Jan 2016 16:53

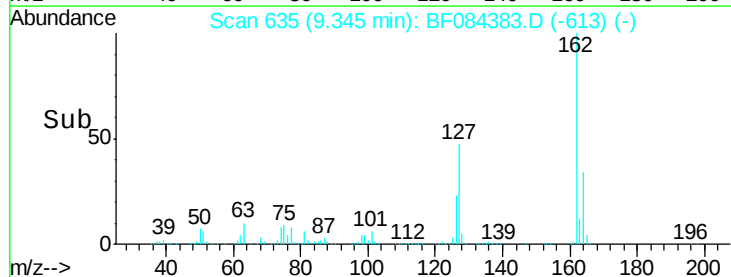
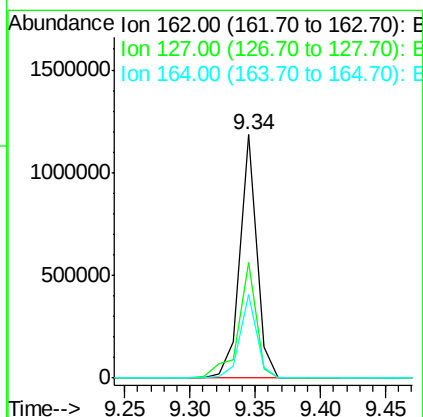
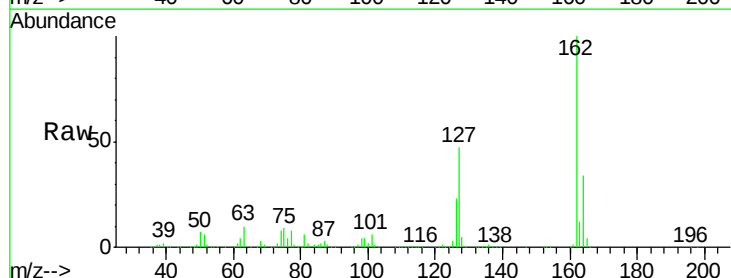
Instrument :
 BNA_F
 ClientSampleId :
 PB87733BS

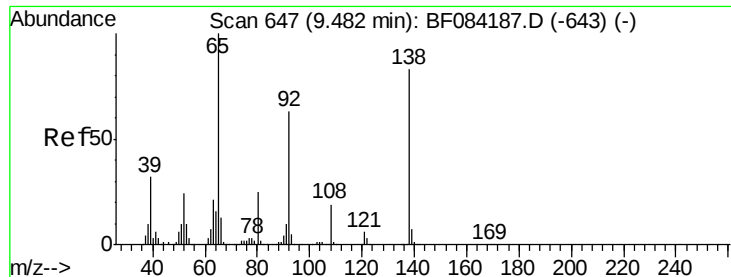
Tgt Ion:154 Resp: 1447329
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.6 61.6
 76 11.9 0.0 32.7



#46
 2-Chloronaphthalene
 Concen: 37.40 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.05 min
 Lab File: BF084383.D
 Acq: 11 Jan 2016 16:53

Tgt Ion:162 Resp: 1052737
 Ion Ratio Lower Upper
 162 100
 127 47.4 40.2 60.4
 164 34.3 25.7 38.5

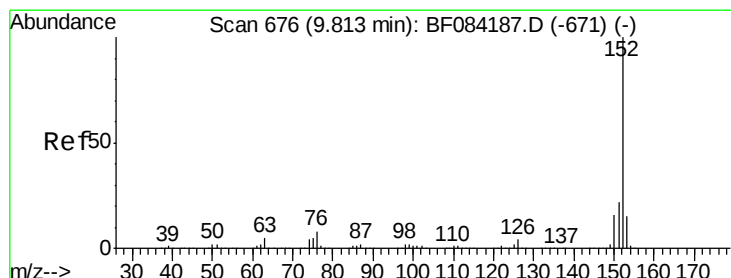
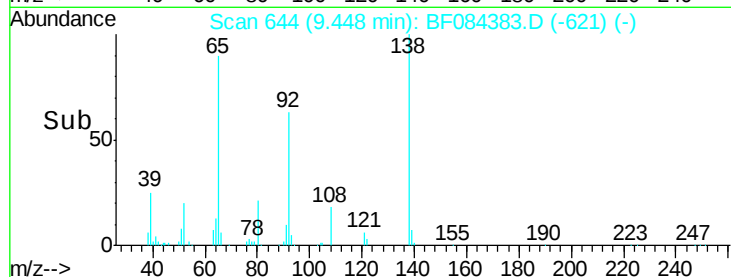
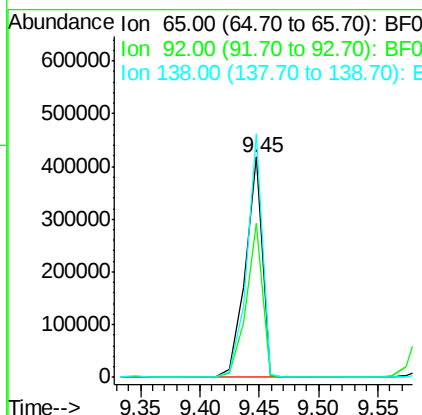
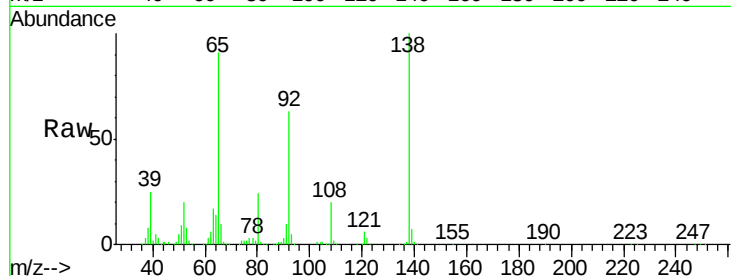




#47
2-Nitroaniline
Concen: 45.26 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF084383.D
Acq: 11 Jan 2016 16:53

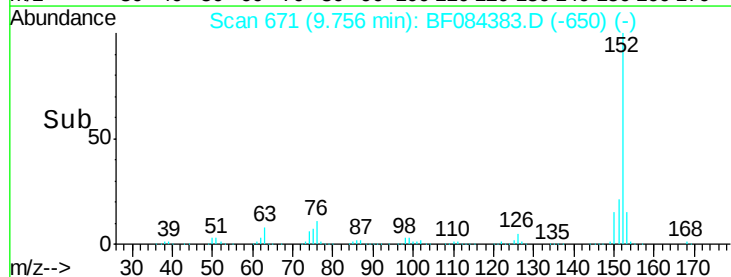
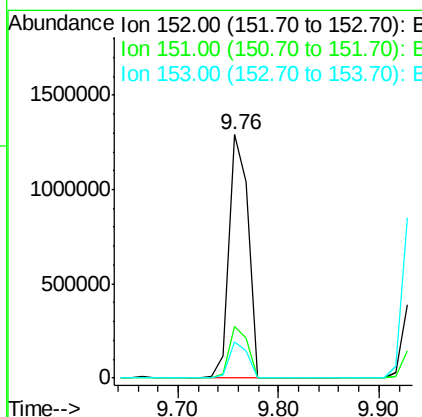
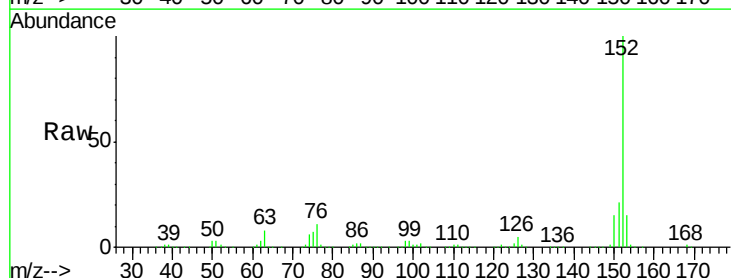
Instrument :
BNA_F
ClientSampleId :
PB87733BS

Tgt Ion: 65 Resp: 420498
Ion Ratio Lower Upper
65 100
92 70.0 53.4 80.2
138 110.5 71.1 106.7#



#48
Acenaphthylene
Concen: 40.65 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.06 min
Lab File: BF084383.D
Acq: 11 Jan 2016 16:53

Tgt Ion: 152 Resp: 1690719
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.9 10.4 15.6





#49

Dimethylphthalate

Concen: 44.71 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

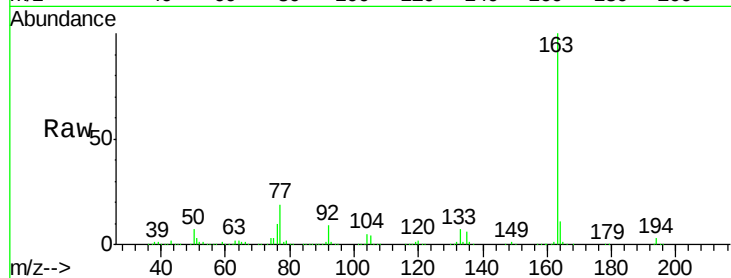
Tgt Ion:163 Resp: 1441338

Ion Ratio Lower Upper

163 100

194 3.3 8.0 12.0#

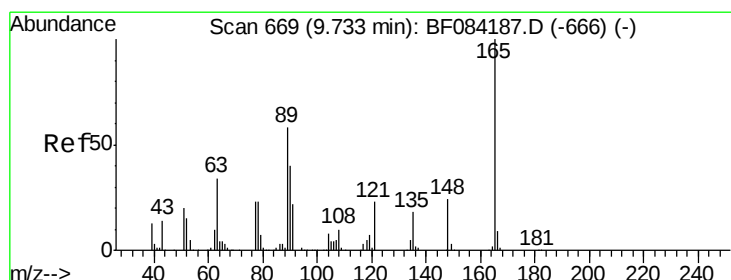
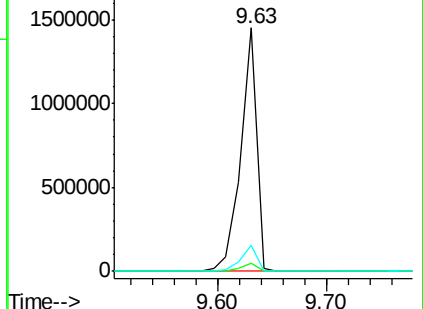
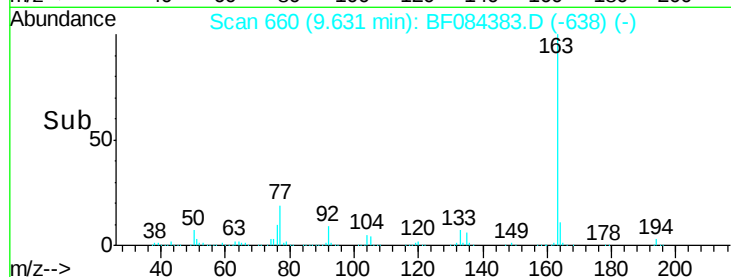
164 10.5 8.0 12.0



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: 42.06 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

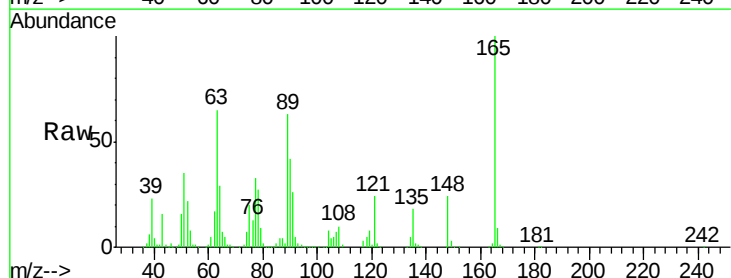
Tgt Ion:165 Resp: 297390

Ion Ratio Lower Upper

165 100

63 65.2 28.8 43.2#

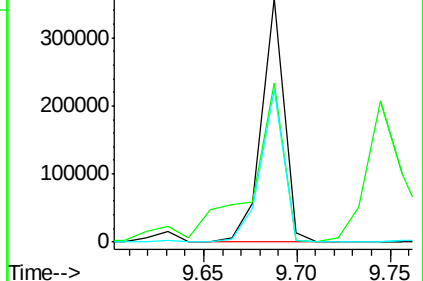
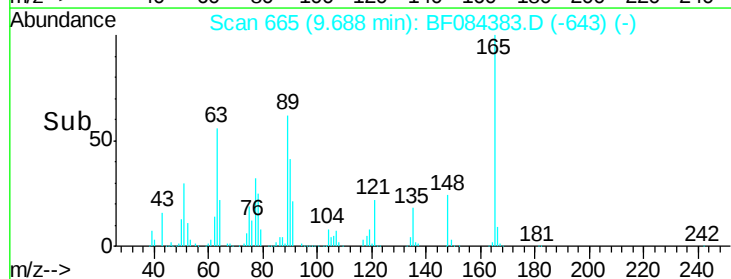
89 62.5 35.1 52.7#

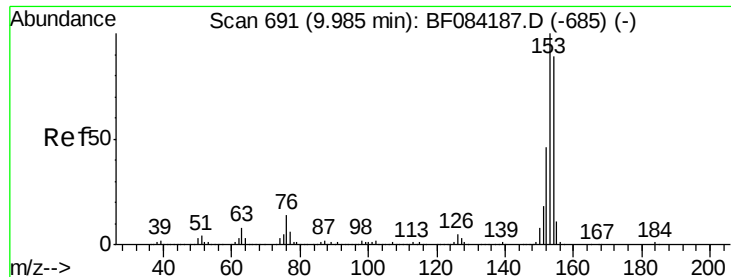


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.45 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.06 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

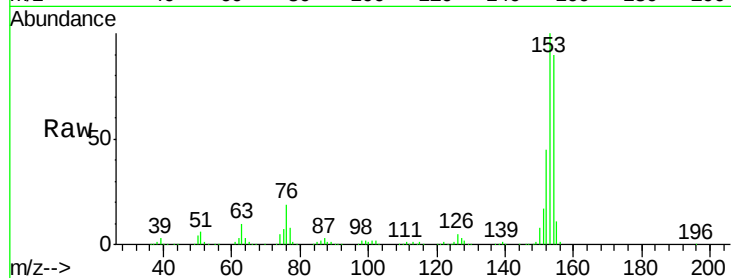
Tgt Ion:154 Resp: 1128496

Ion Ratio Lower Upper

154 100

153 111.5 91.5 137.3

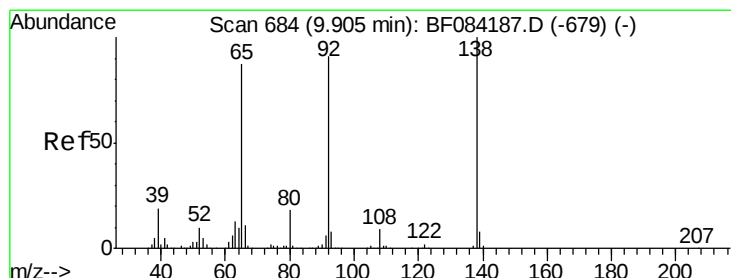
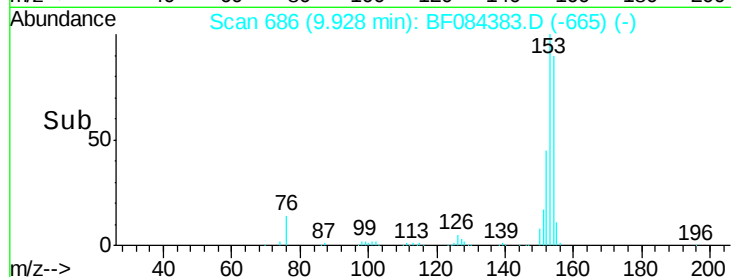
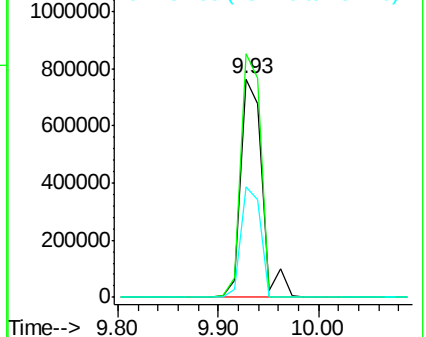
152 50.6 43.0 64.6



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: 16.28 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

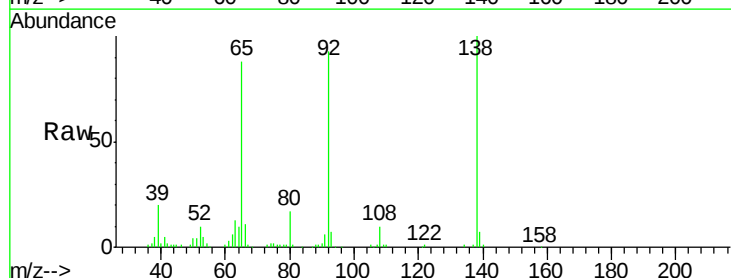
Tgt Ion:138 Resp: 142620

Ion Ratio Lower Upper

138 100

108 10.2 10.5 15.7#

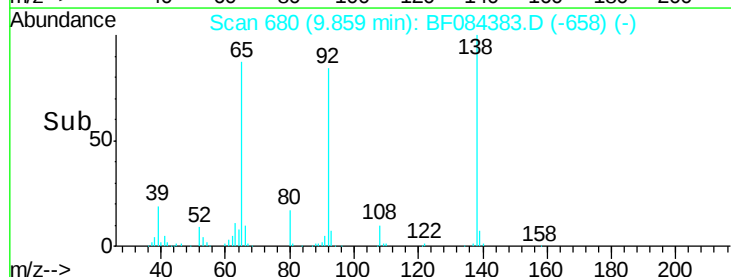
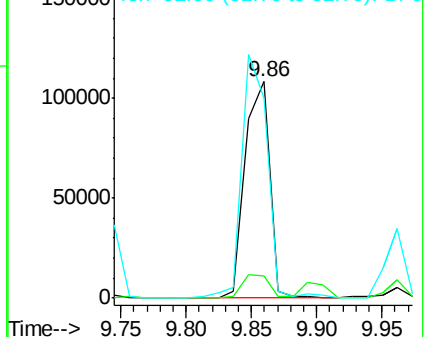
92 92.5 103.9 155.9#



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

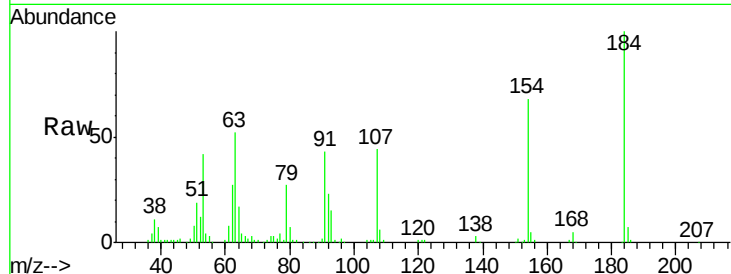




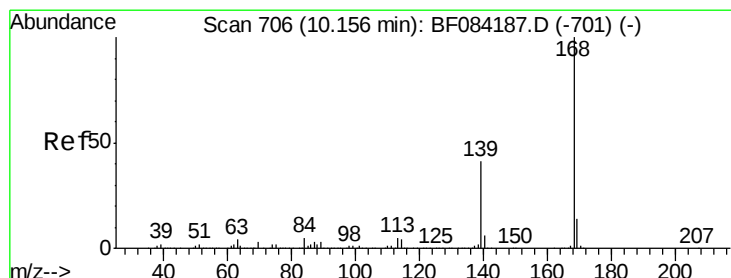
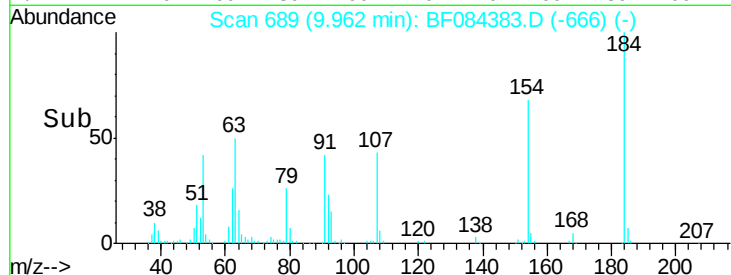
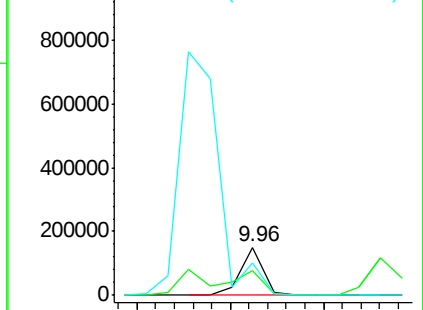
#53
2,4-Dinitrophenol
Concen: 45.12 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF084383.D
Acq: 11 Jan 2016 16:53

Instrument :
BNA_F
ClientSampleId :
PB87733BS

Tgt Ion:184 Resp: 131008
Ion Ratio Lower Upper
184 100
63 52.0 43.1 64.7
154 67.6 60.5 90.7

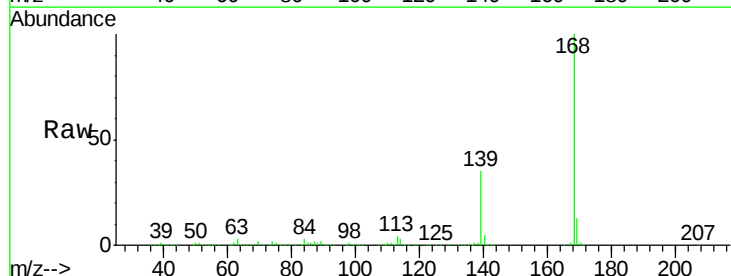


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

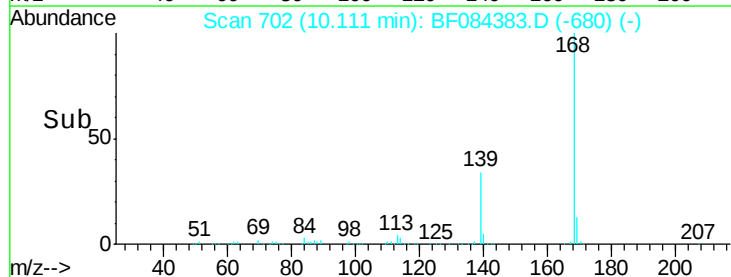
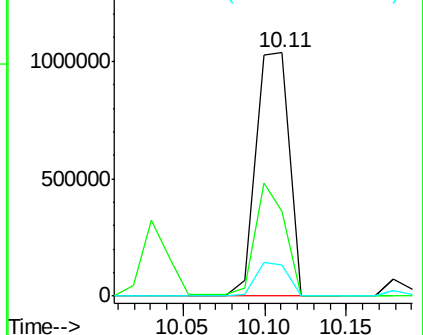


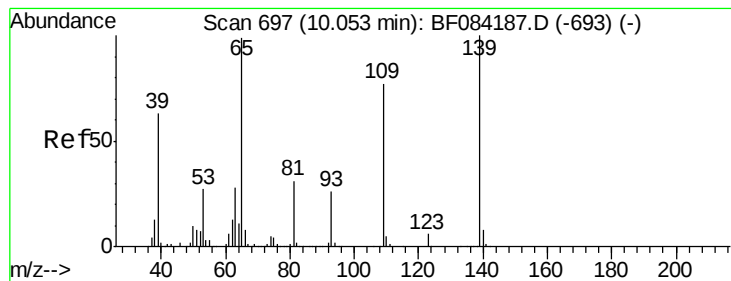
#54
Dibenzofuran
Concen: 40.31 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF084383.D
Acq: 11 Jan 2016 16:53

Tgt Ion:168 Resp: 1467397
Ion Ratio Lower Upper
168 100
139 35.1 30.5 45.7
169 12.7 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: 57.81 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

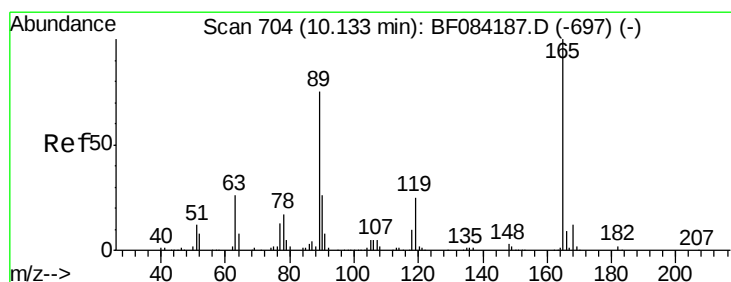
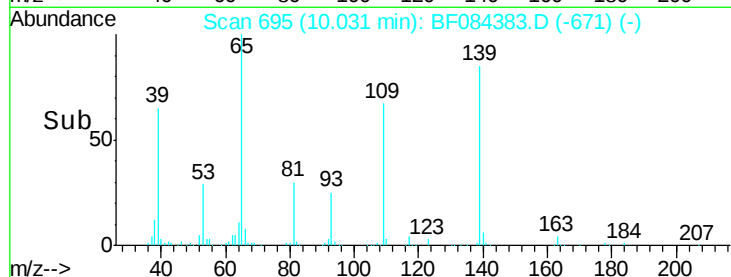
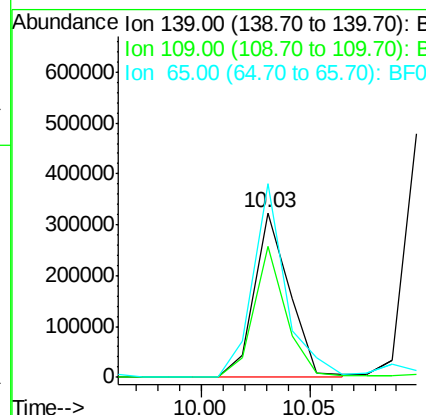
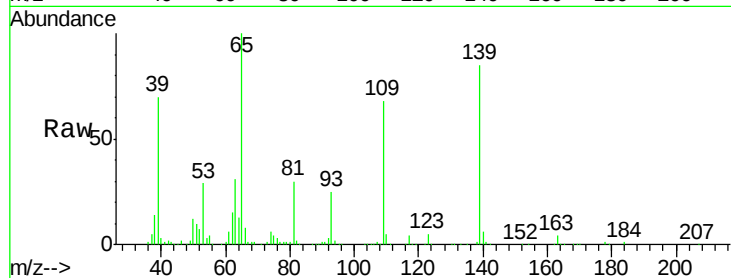
Tgt Ion:139 Resp: 367648

Ion Ratio Lower Upper

139 100

109 79.9 58.5 98.5

65 117.8 57.6 97.6#



#56

2,4-Dinitrotoluene

Concen: 38.95 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Tgt Ion:165 Resp: 348545

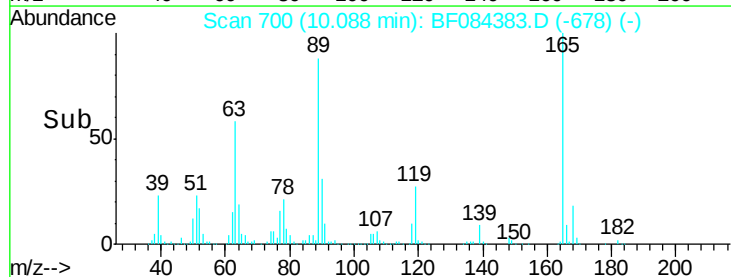
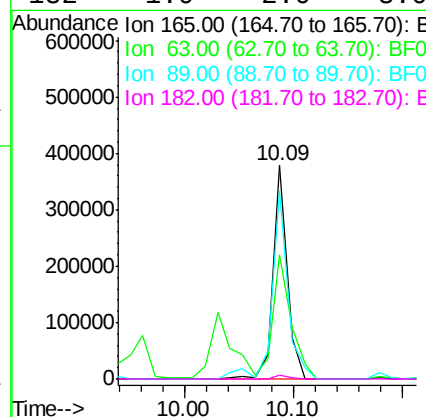
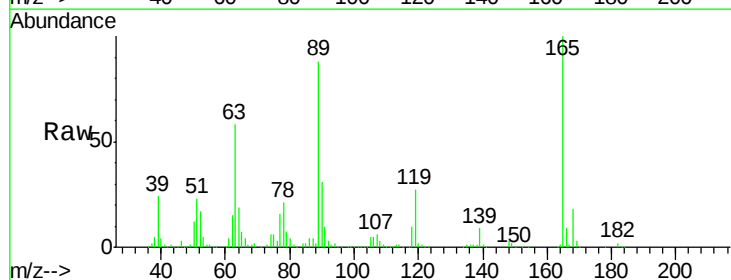
Ion Ratio Lower Upper

165 100

63 57.9 36.7 55.1#

89 88.1 61.9 92.9

182 1.9 2.0 3.0#





#57

Fluorene

Concen: 38.97 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.06 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

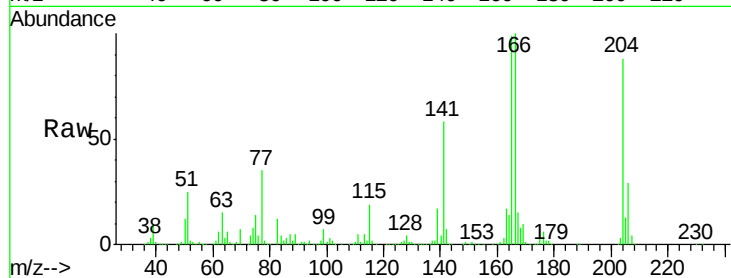
Tgt Ion:166 Resp: 1097639

Ion Ratio Lower Upper

166 100

165 99.2 79.1 118.7

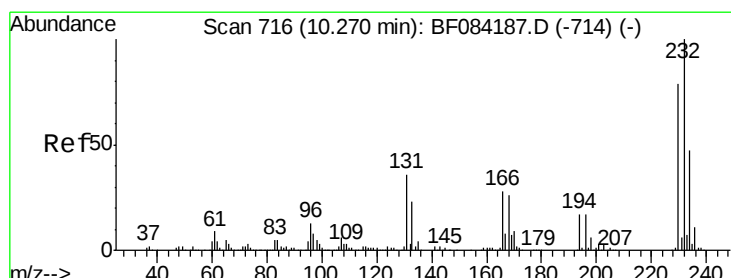
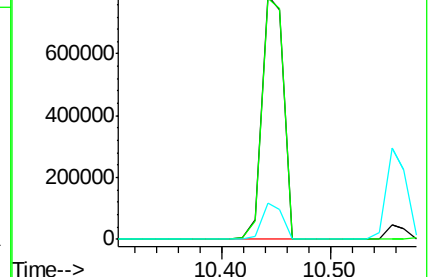
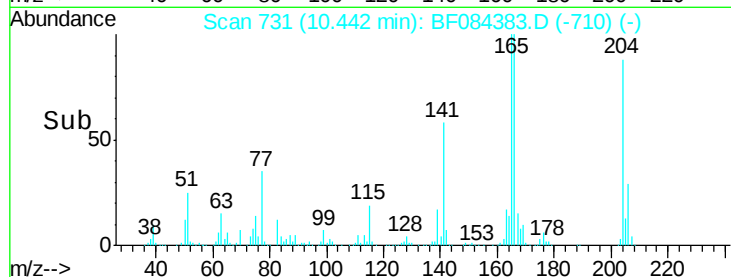
167 14.8 10.4 15.6



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: 36.46 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Tgt Ion:232 Resp: 289399

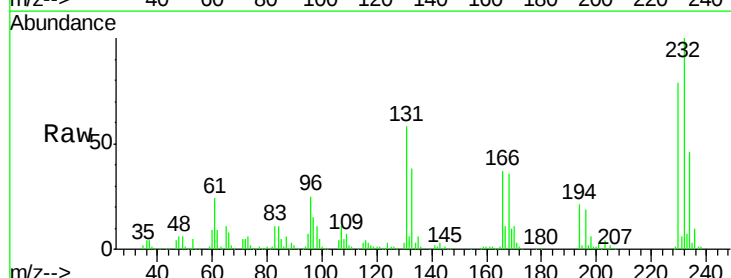
Ion Ratio Lower Upper

232 100

131 55.5 47.0 70.6

130 2.6 2.0 3.0

166 34.7 30.5 45.7

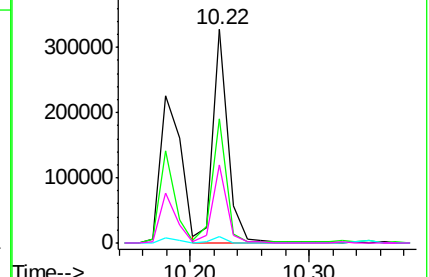
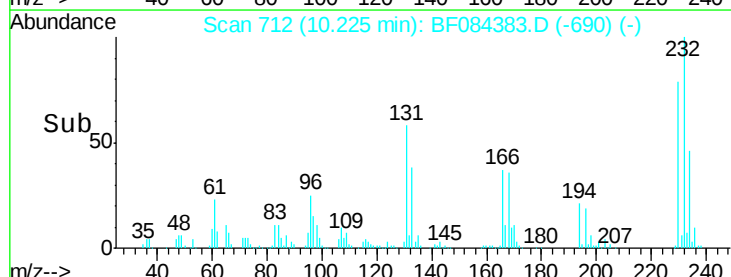


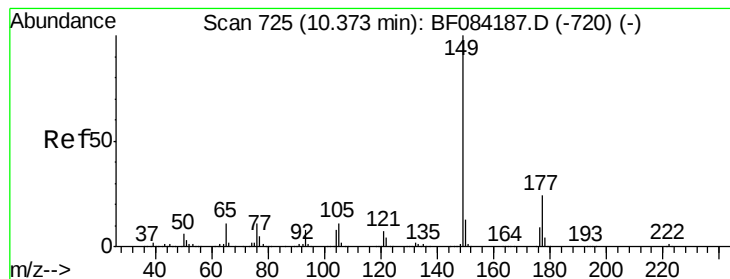
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.60 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

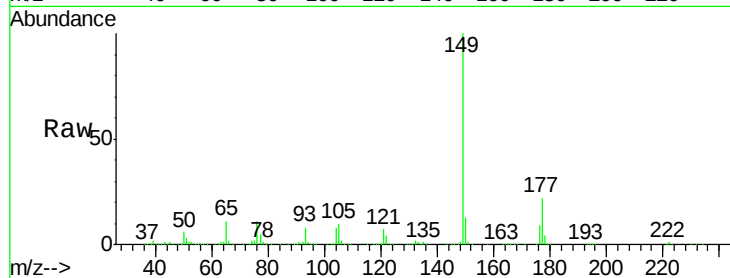
Tgt Ion:149 Resp: 1322206

Ion Ratio Lower Upper

149 100

177 22.2 17.3 25.9

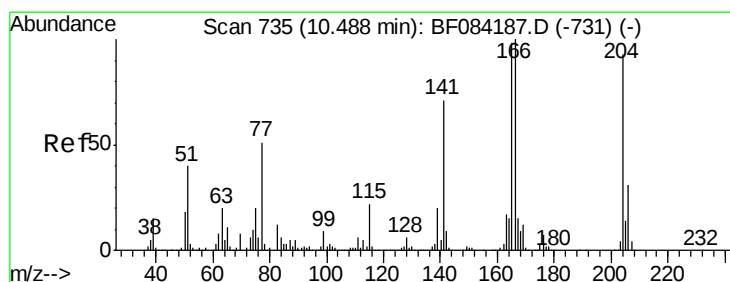
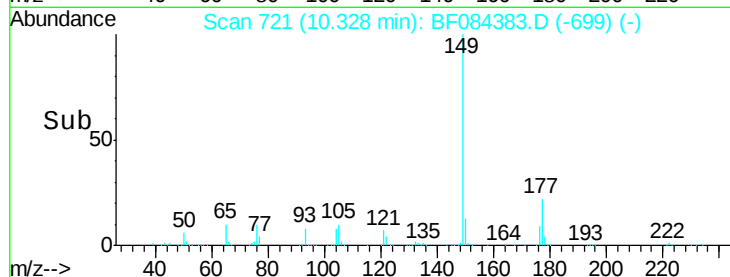
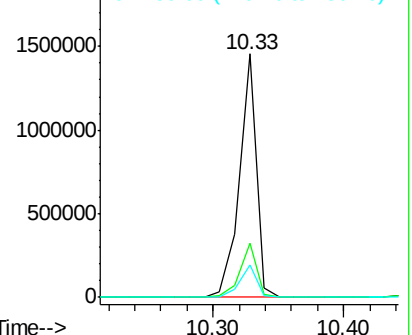
150 13.2 9.8 14.8



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: 49.49 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.04 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

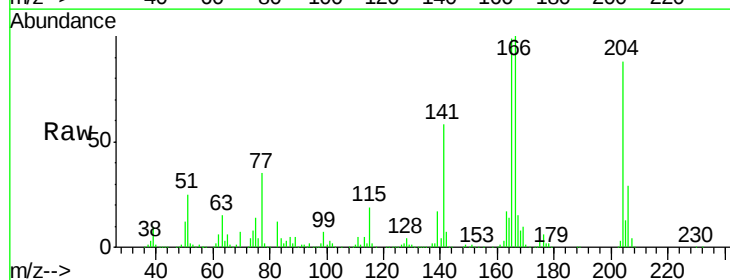
Tgt Ion:204 Resp: 574048

Ion Ratio Lower Upper

204 100

206 33.2 25.7 38.5

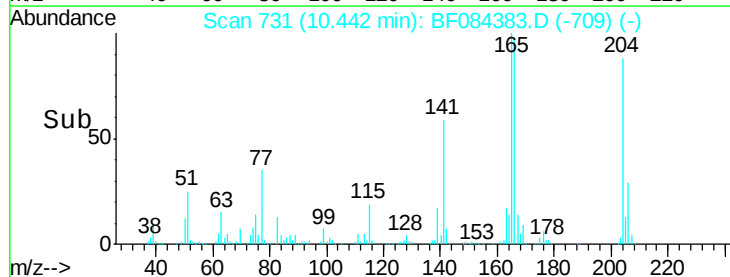
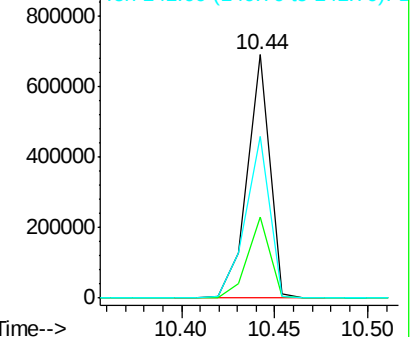
141 66.5 55.1 82.7

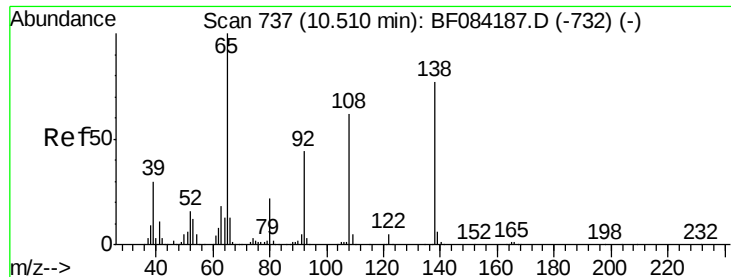


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

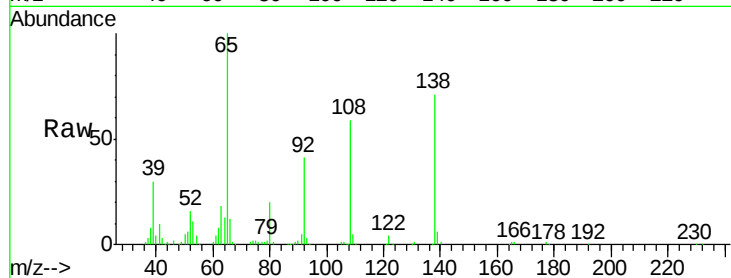




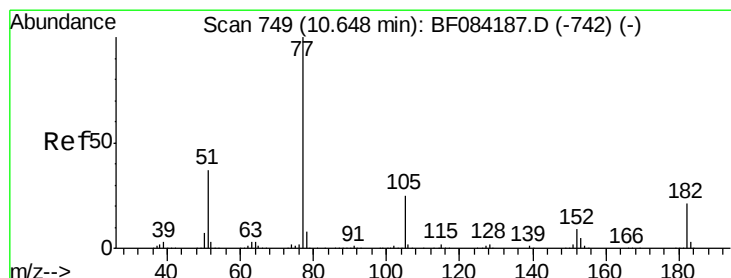
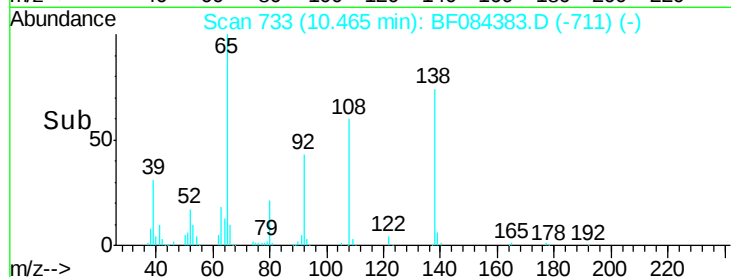
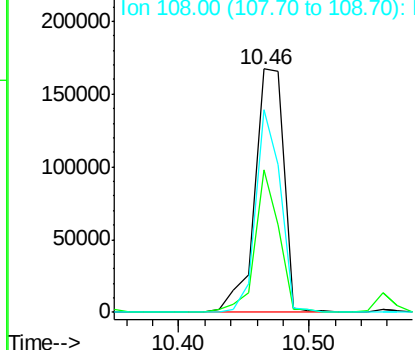
#61
4-Nitroaniline
Concen: 33.48 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF084383.D
Acq: 11 Jan 2016 16:53

Instrument :
BNA_F
ClientSampleId :
PB87733BS

Tgt Ion:138 Resp: 261493
Ion Ratio Lower Upper
138 100
92 58.3 32.6 72.6
108 83.0 68.6 108.6

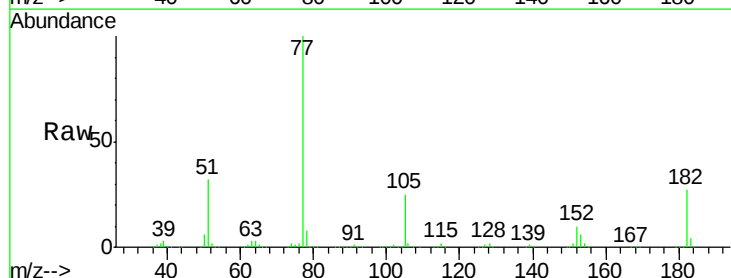


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

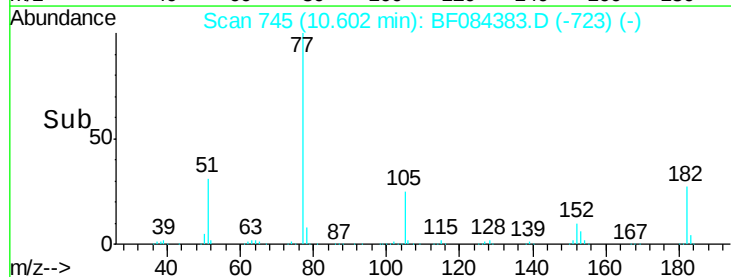
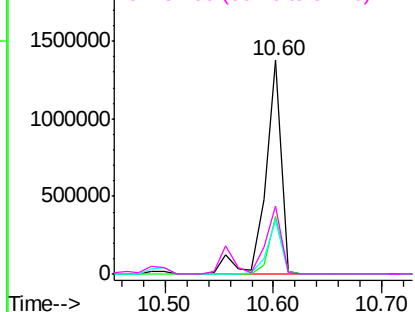


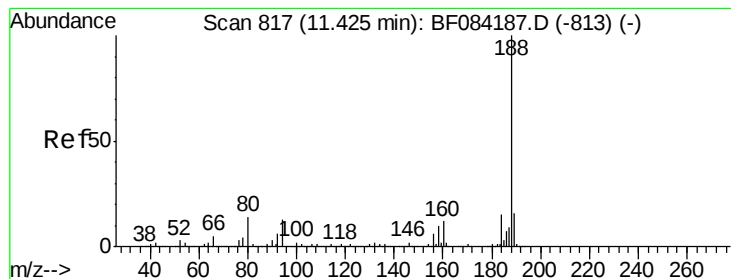
#62
Azobenzene
Concen: 40.73 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.05 min
Lab File: BF084383.D
Acq: 11 Jan 2016 16:53

Tgt Ion: 77 Resp: 1419881
Ion Ratio Lower Upper
77 100
182 27.1 8.3 48.3
105 25.3 4.6 44.6
51 31.5 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: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

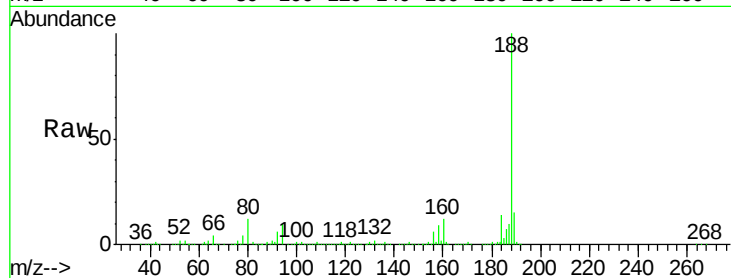
Tgt Ion:188 Resp: 765979

Ion Ratio Lower Upper

188 100

94 10.5 9.0 13.4

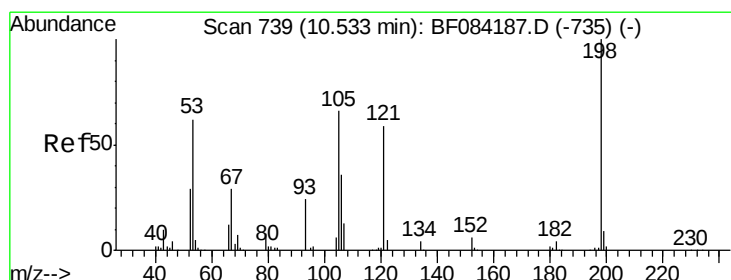
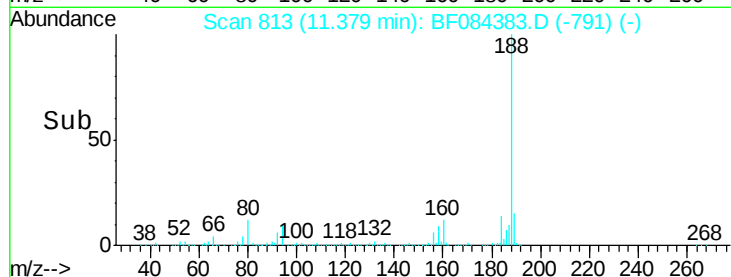
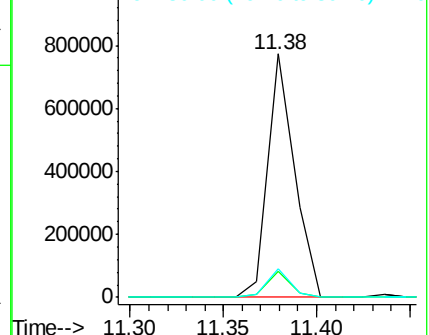
80 11.8 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 26.04 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

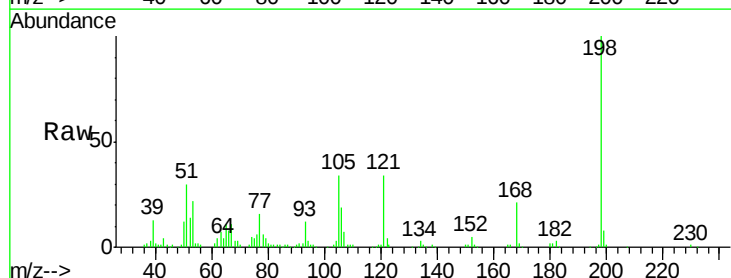
Tgt Ion:198 Resp: 116823

Ion Ratio Lower Upper

198 100

51 29.8 18.9 58.9

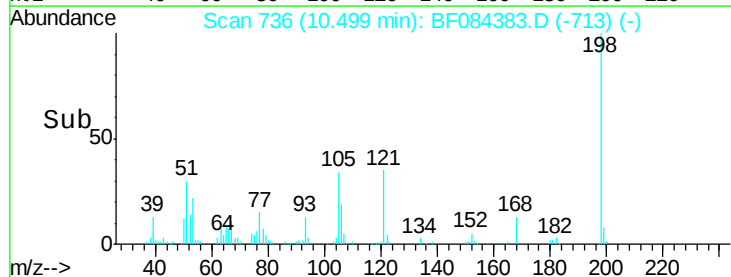
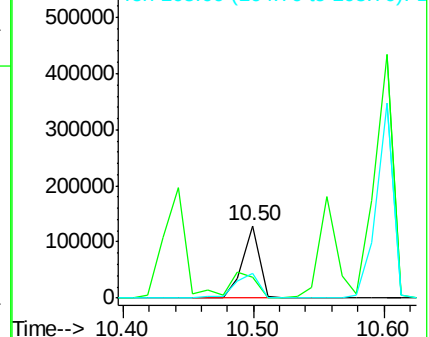
105 33.6 26.4 66.4

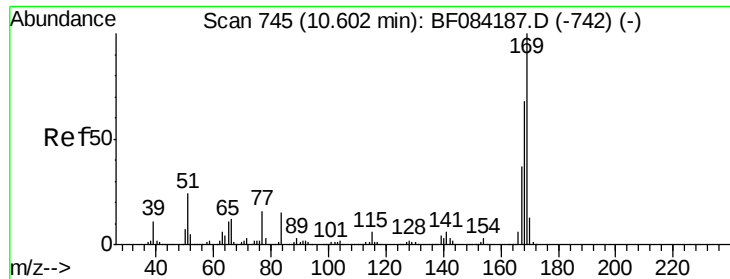


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.06 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

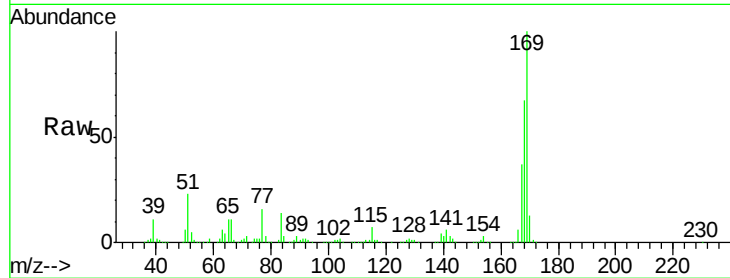
Tgt Ion:169 Resp: 1005587

Ion Ratio Lower Upper

169 100

168 66.9 55.1 82.7

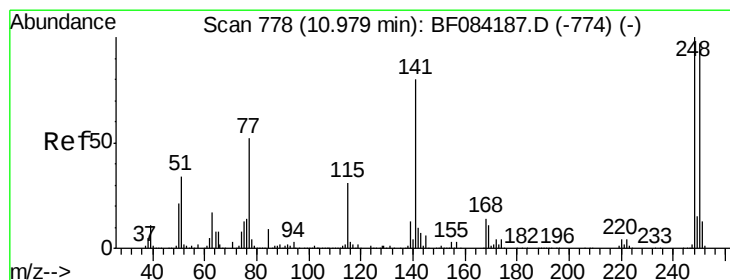
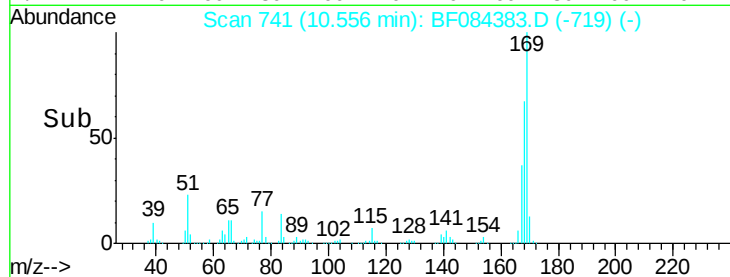
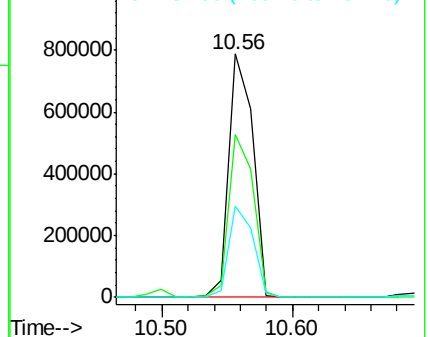
167 37.3 30.0 45.0



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: 43.72 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

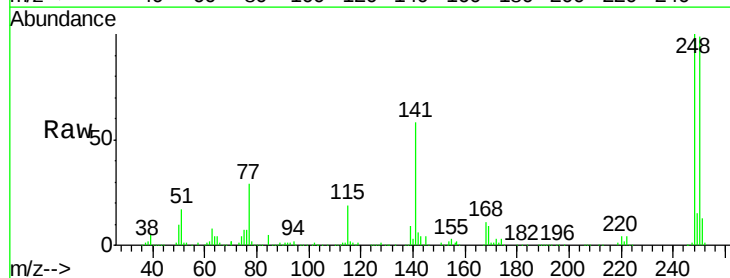
Tgt Ion:248 Resp: 360435

Ion Ratio Lower Upper

248 100

250 98.7 78.4 117.6

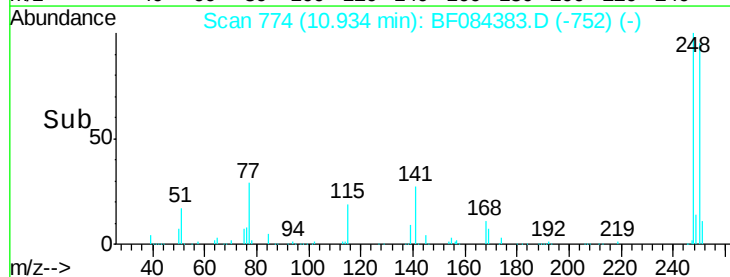
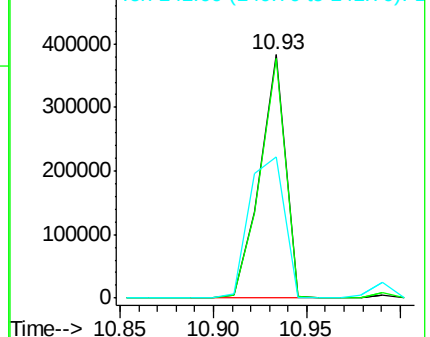
141 57.8 44.0 66.0

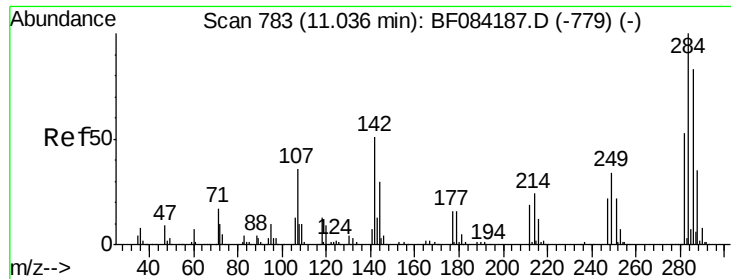


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

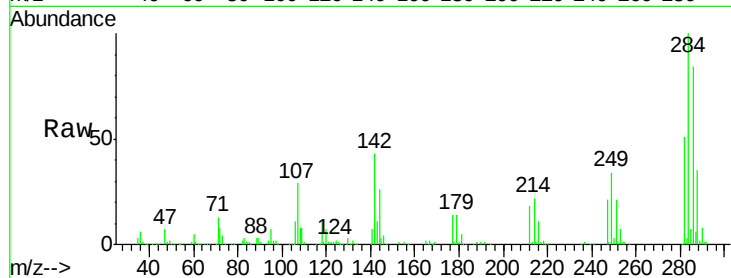




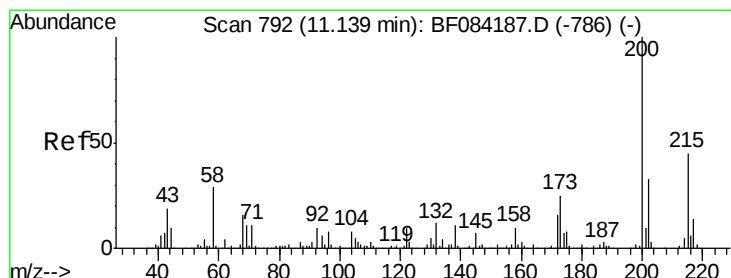
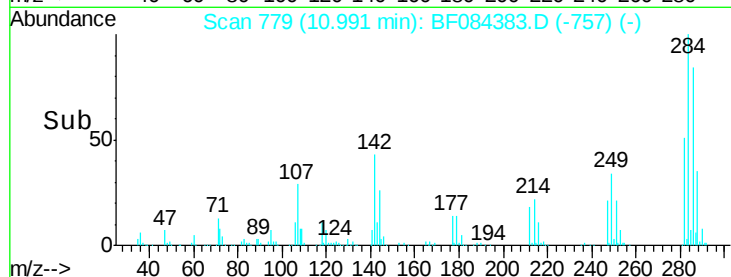
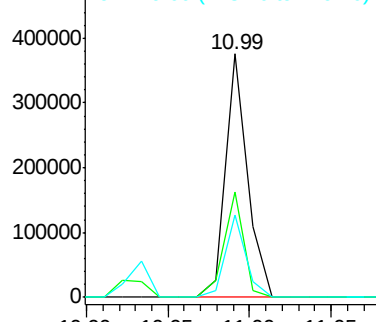
#67
Hexachlorobenzene
Concen: 37.89 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF084383.D
Acq: 11 Jan 2016 16:53

Instrument :
BNA_F
ClientSampleId :
PB87733BS

Tgt Ion:284 Resp: 351581
Ion Ratio Lower Upper
284 100
142 43.4 22.2 33.4#
249 33.6 24.6 37.0

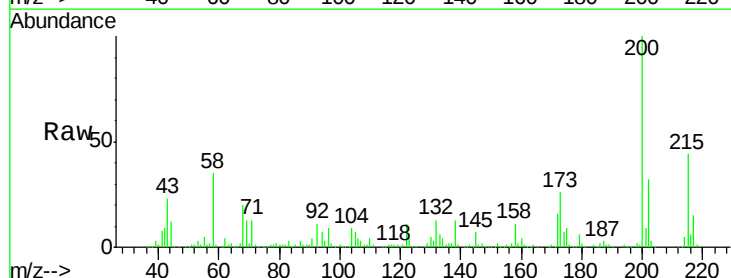


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

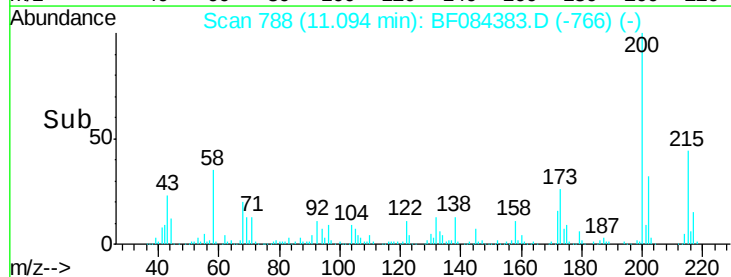
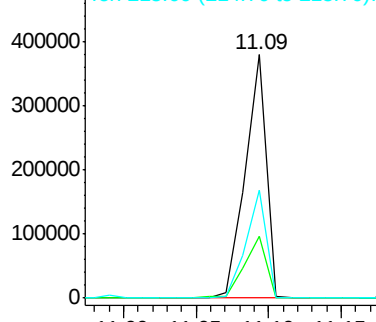


#68
Atrazine
Concen: 47.54 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.05 min
Lab File: BF084383.D
Acq: 11 Jan 2016 16:53

Tgt Ion:200 Resp: 381024
Ion Ratio Lower Upper
200 100
173 25.7 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: 66.95 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

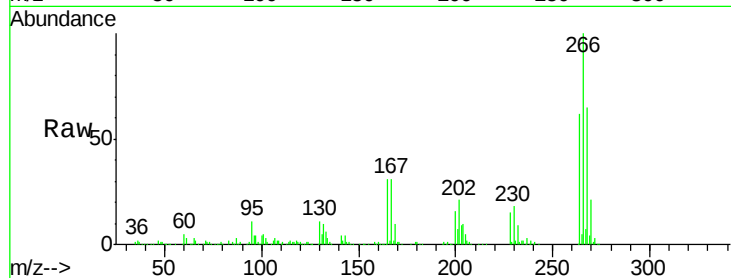
Tgt Ion:266 Resp: 322112

Ion Ratio Lower Upper

266 100

268 64.5 52.4 78.6

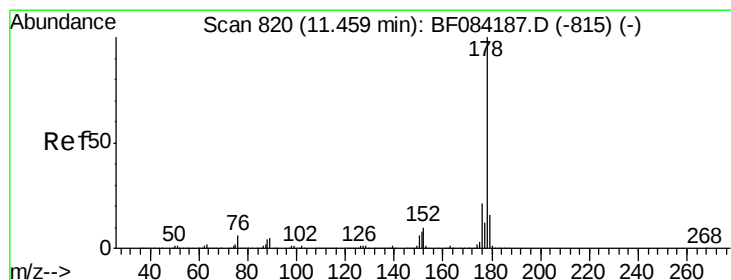
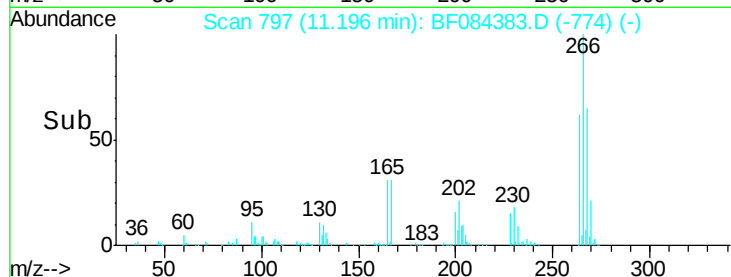
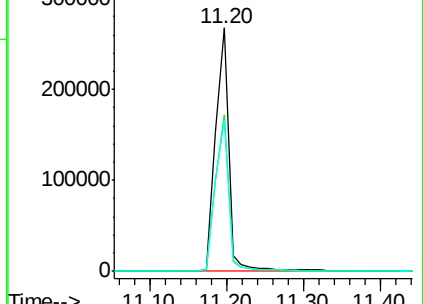
264 62.2 50.2 75.2



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: 41.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

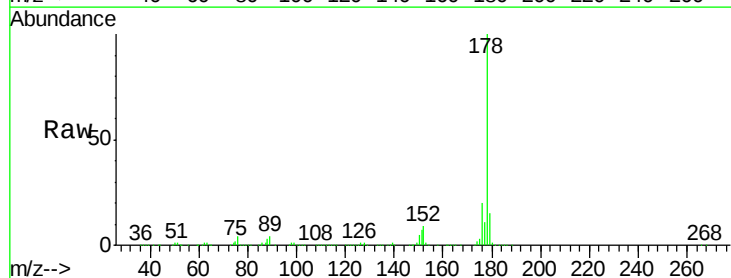
Tgt Ion:178 Resp: 1642625

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

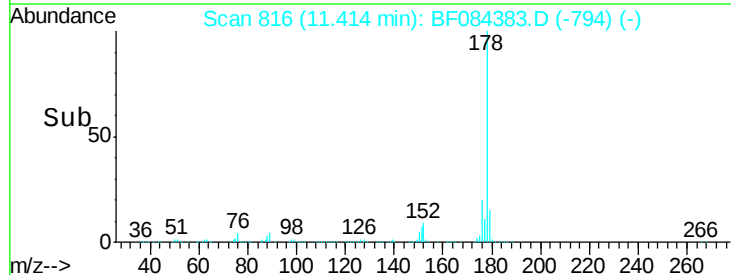
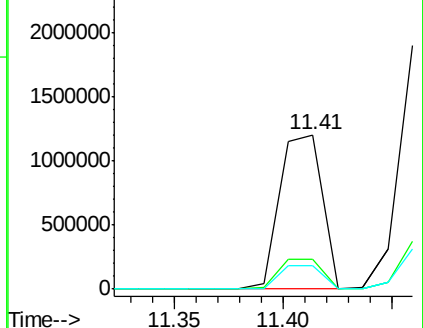
179 15.4 12.0 18.0

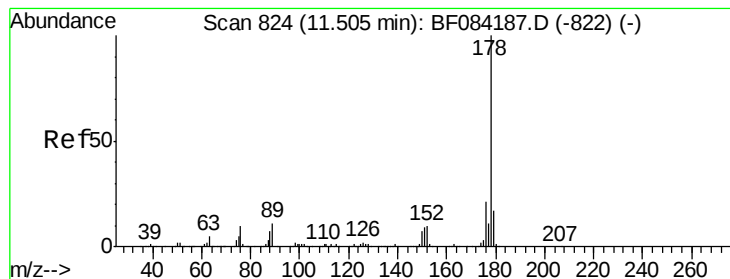


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.90 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.04 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

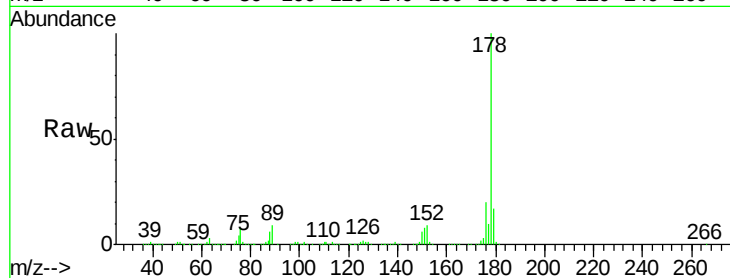
Tgt Ion:178 Resp: 1606562

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

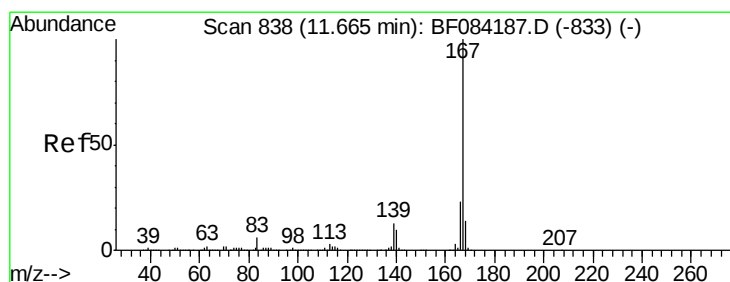
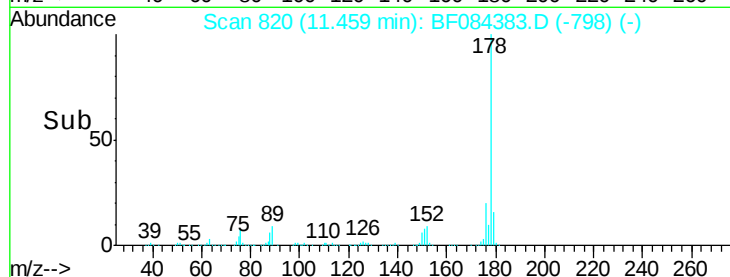
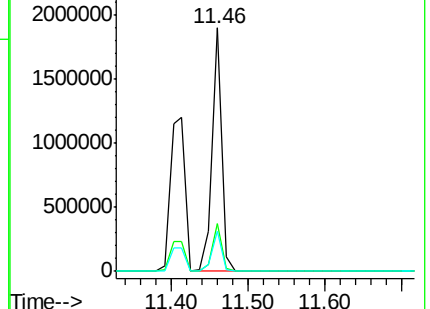
179 16.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.82 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

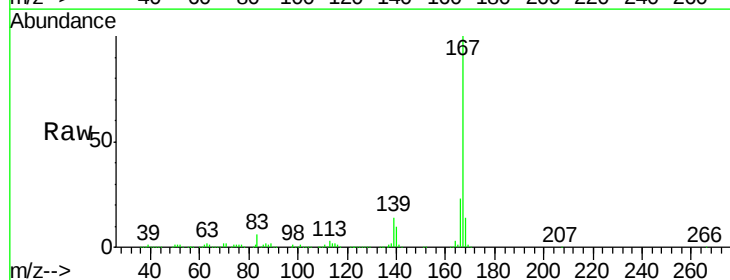
Tgt Ion:167 Resp: 1490646

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

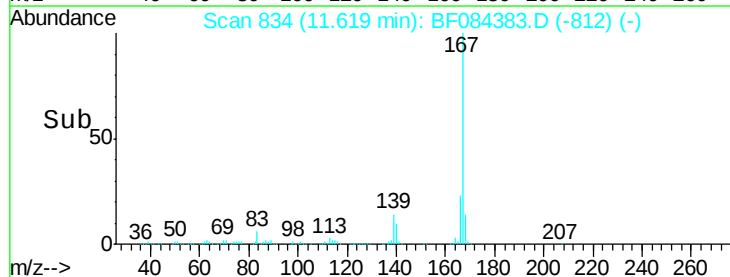
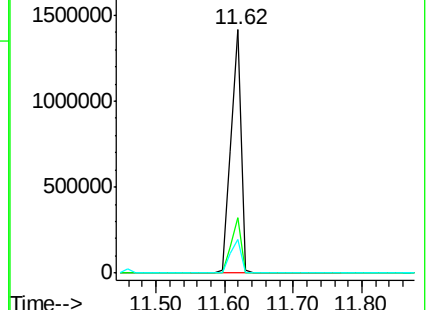
139 13.6 11.8 17.8

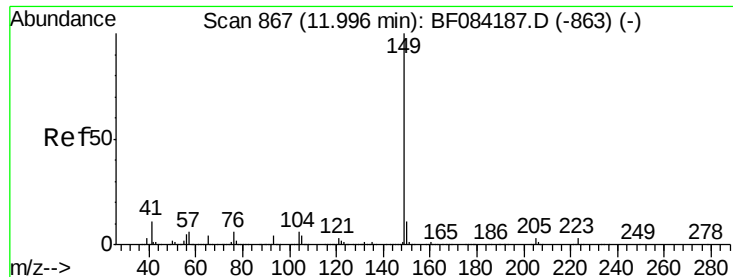


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.57 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

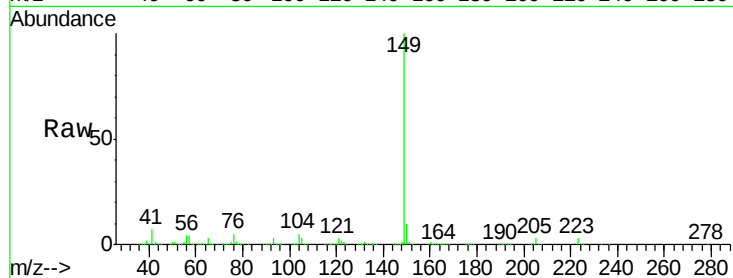
Tgt Ion:149 Resp: 1971981

Ion Ratio Lower Upper

149 100

150 10.0 7.1 10.7

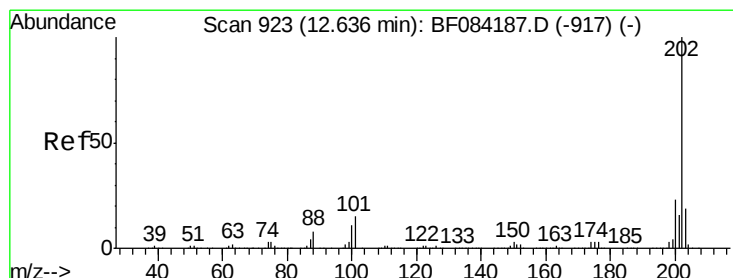
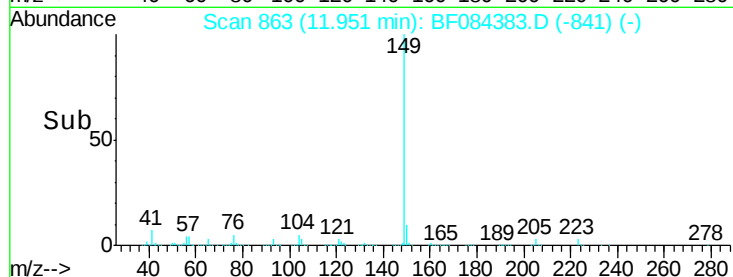
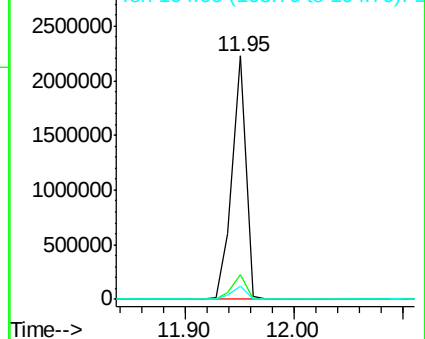
104 5.3 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.95 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

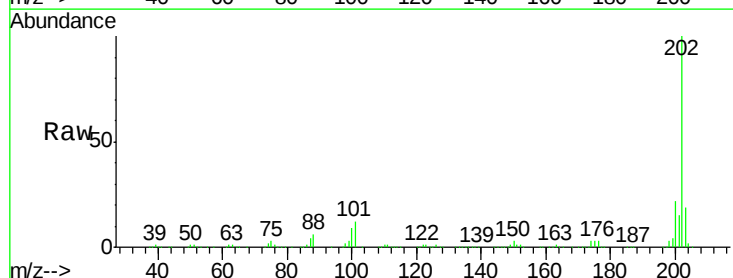
Tgt Ion:202 Resp: 1337112

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.8

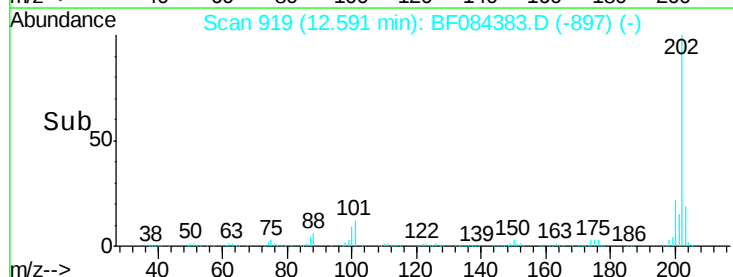
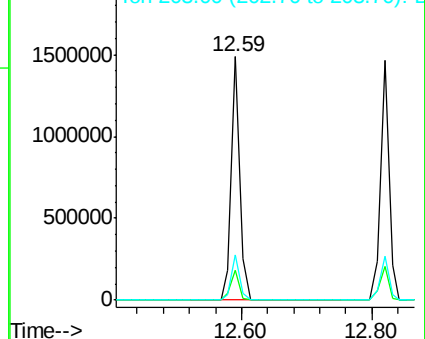
203 18.7 0.0 37.9

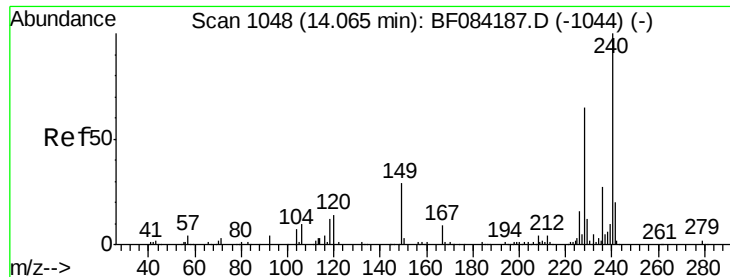


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

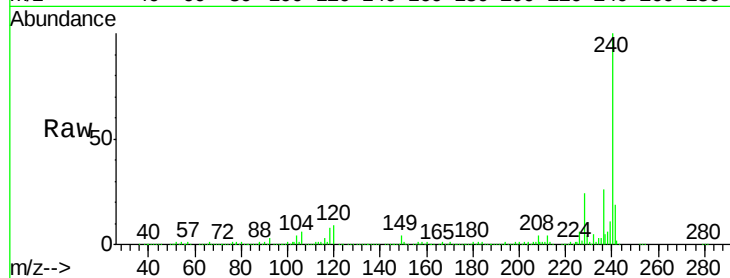
Tgt Ion:240 Resp: 511788

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3#

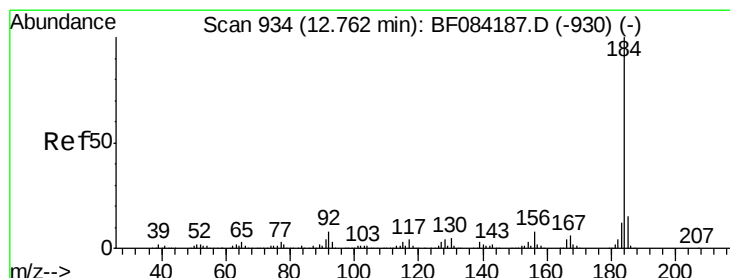
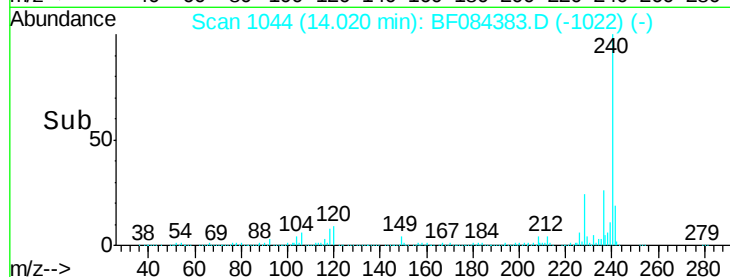
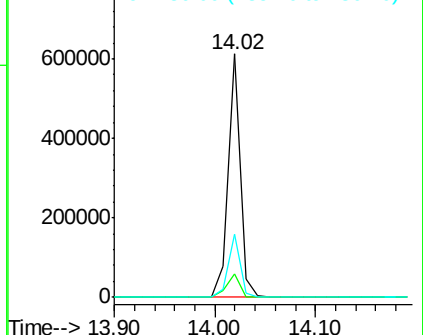
236 25.9 20.6 31.0



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: 34.29 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

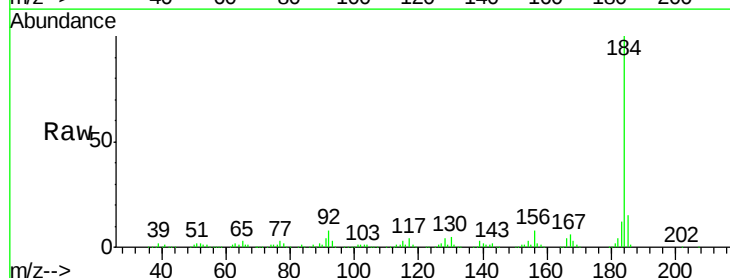
Tgt Ion:184 Resp: 629281

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

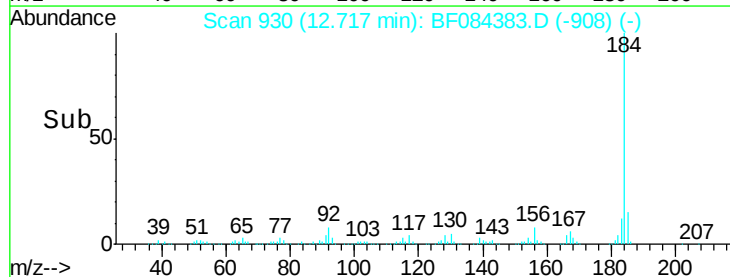
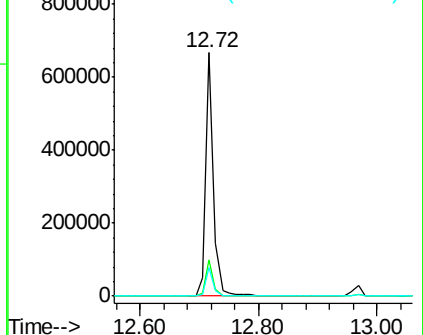
183 11.9 9.8 14.8

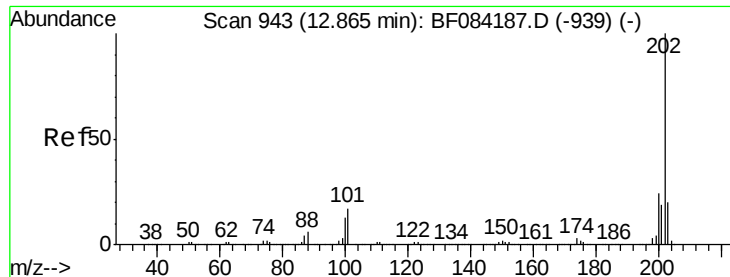


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

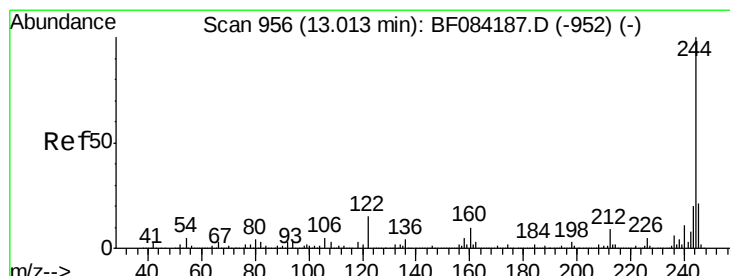
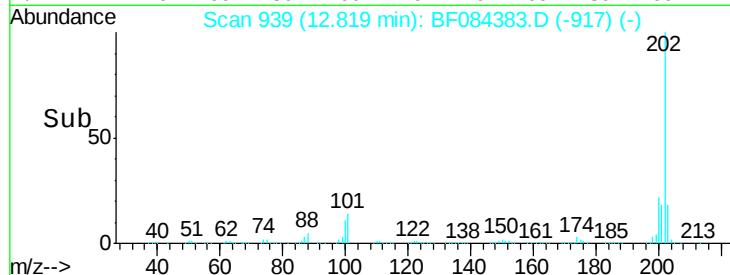
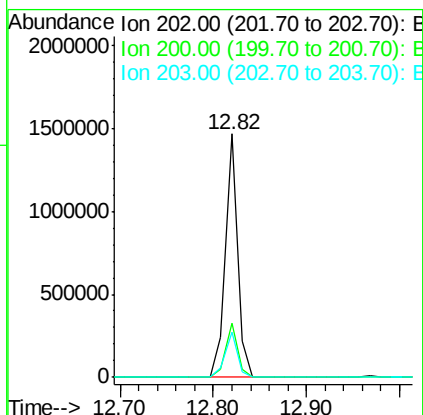
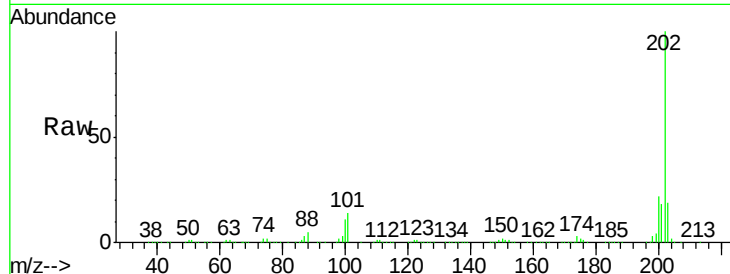




#77
 Pyrene
 Concen: 33.13 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.05 min
 Lab File: BF084383.D
 Acq: 11 Jan 2016 16:53

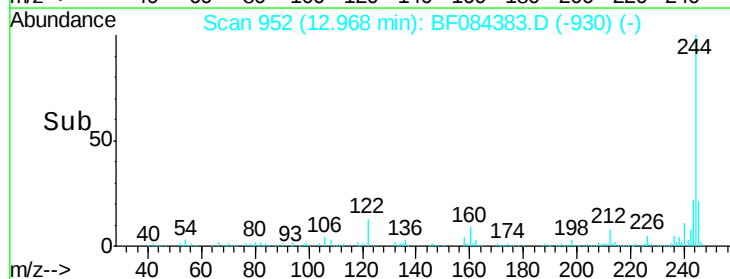
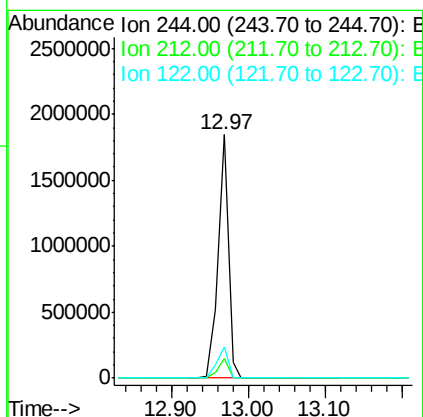
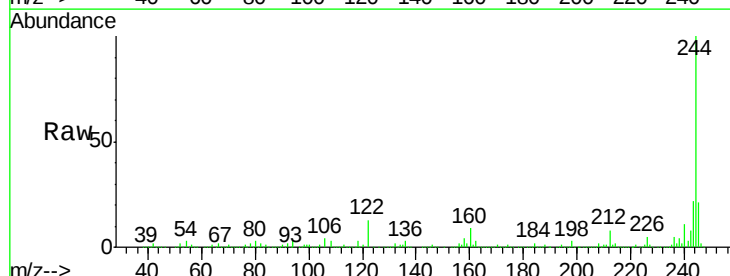
Instrument :
 BNA_F
 ClientSampleId :
 PB87733BS

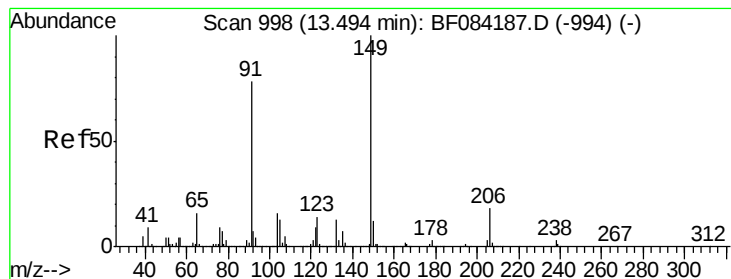
Tgt Ion:202 Resp: 1330609
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.2 25.8
 203 18.5 14.3 21.5



#78
 Terphenyl-d14
 Concen: 74.82 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084383.D
 Acq: 11 Jan 2016 16:53

Tgt Ion:244 Resp: 1715549
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 12.5 7.4 11.0#





#79

Butylbenzylphthalate

Concen: 39.07 ng

RT: 13.45 min Scan# 994

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

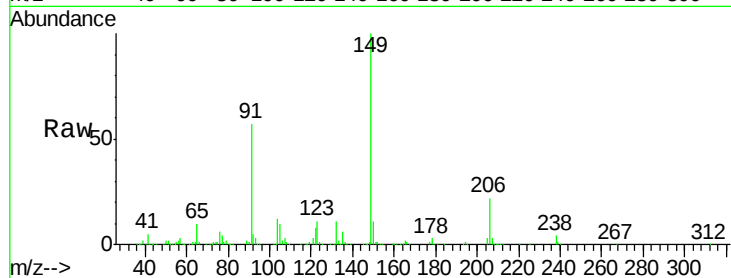
Tgt Ion:149 Resp: 679061

Ion Ratio Lower Upper

149 100

91 57.4 57.6 86.4#

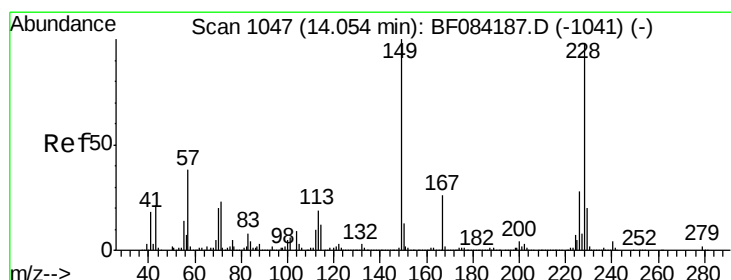
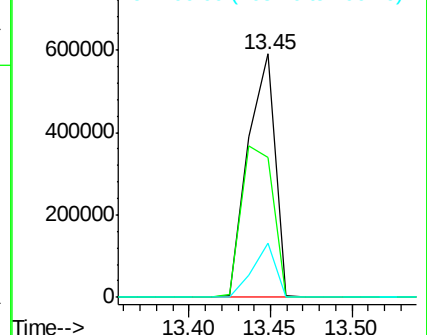
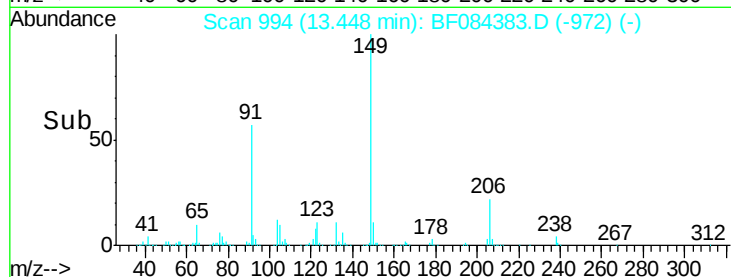
206 22.5 13.2 19.8#



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



#80

Benzo(a)anthracene

Concen: 35.78 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

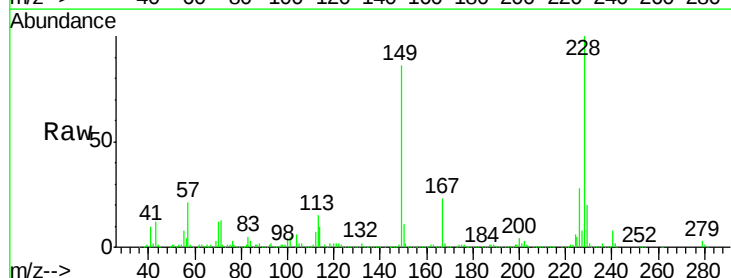
Tgt Ion:228 Resp: 1075246

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.6

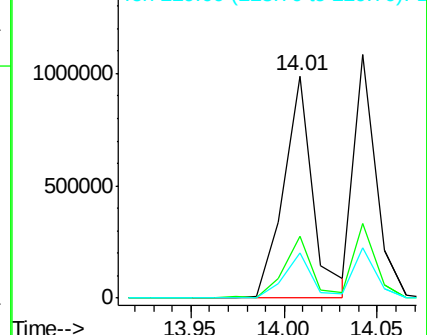
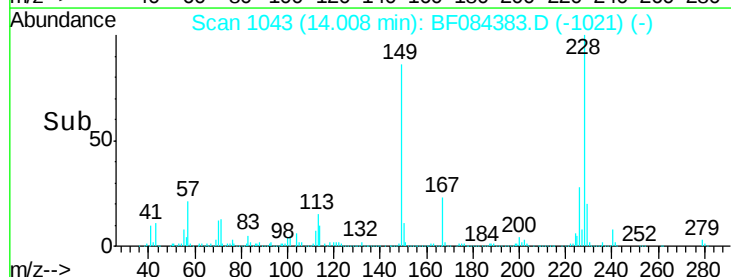
229 20.1 15.8 23.8



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

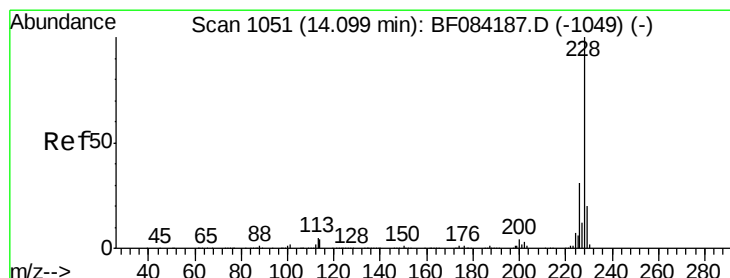
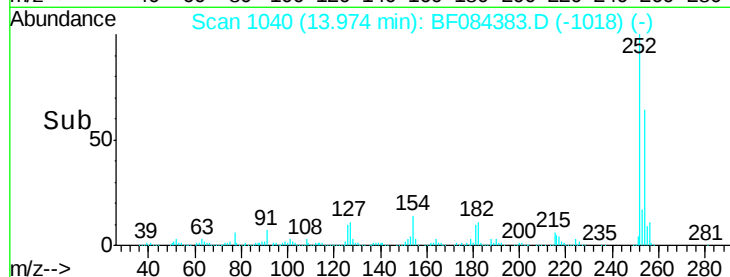
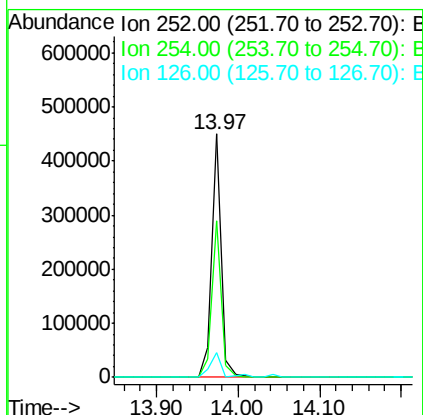
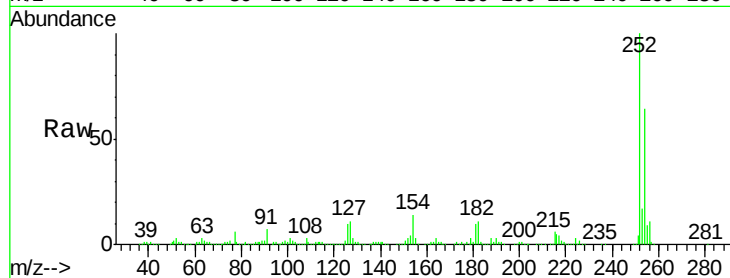




#81
 3,3'-Dichlorobenzidine
 Concen: 35.93 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF084383.D
 Acq: 11 Jan 2016 16:53

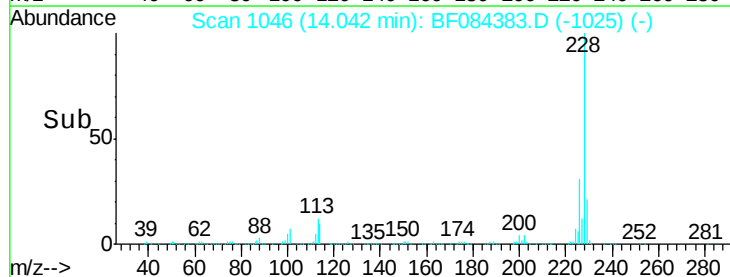
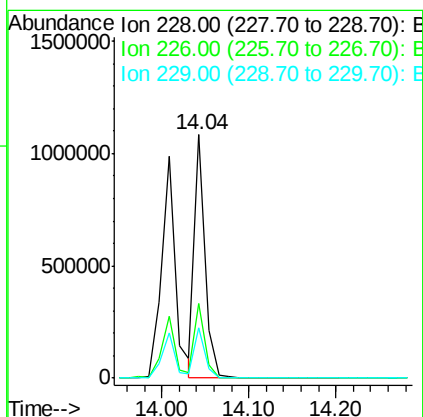
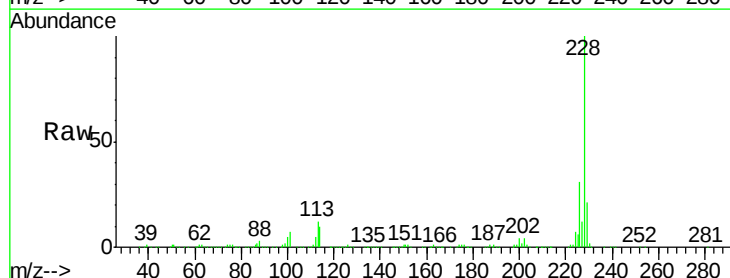
Instrument :
 BNA_F
 ClientSampleId :
 PB87733BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	53.5	80.3
126	9.9	4.9	7.3#



#82
 Chrysene
 Concen: 31.49 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.06 min
 Lab File: BF084383.D
 Acq: 11 Jan 2016 16:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.3	36.5
229	20.5	16.1	24.1

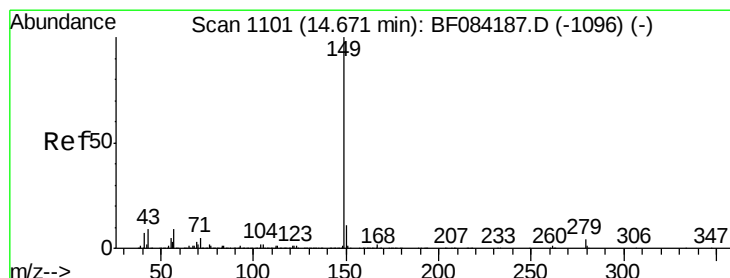
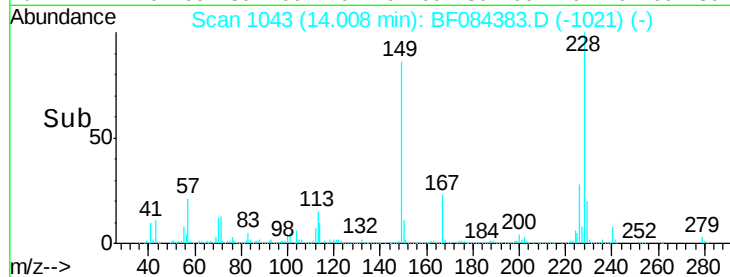
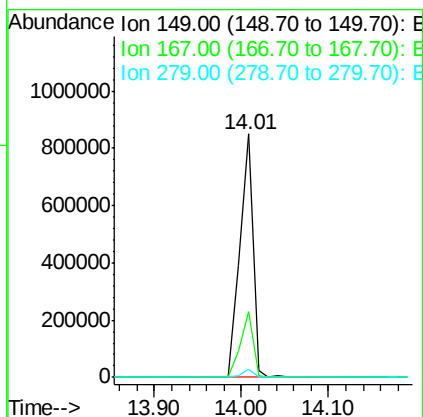
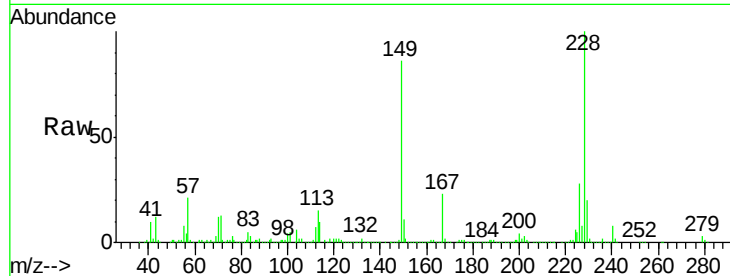




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.96 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.05 min
 Lab File: BF084383.D
 Acq: 11 Jan 2016 16:53

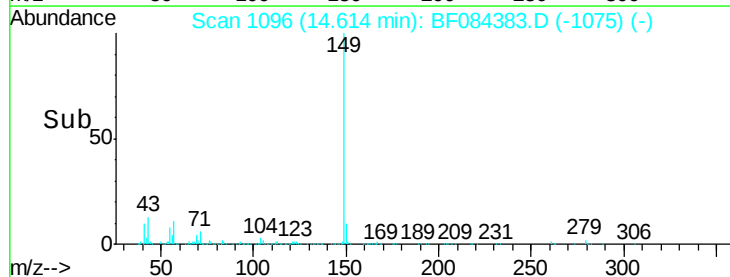
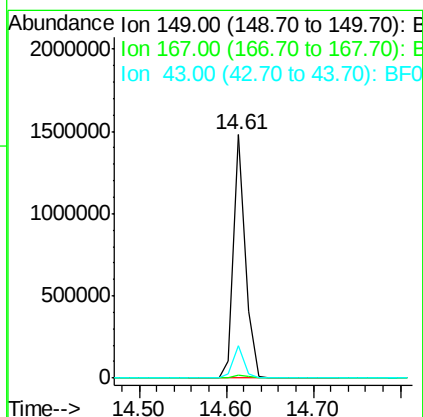
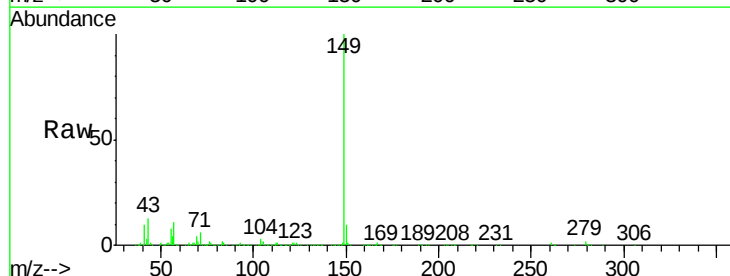
Instrument :
 BNA_F
 ClientSampleId :
 PB87733BS

Tgt Ion:149 Resp: 877406
 Ion Ratio Lower Upper
 149 100
 167 27.0 19.7 29.5
 279 3.6 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 37.29 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.06 min
 Lab File: BF084383.D
 Acq: 11 Jan 2016 16:53

Tgt Ion:149 Resp: 1382374
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.3 5.6 8.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.52 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.08 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

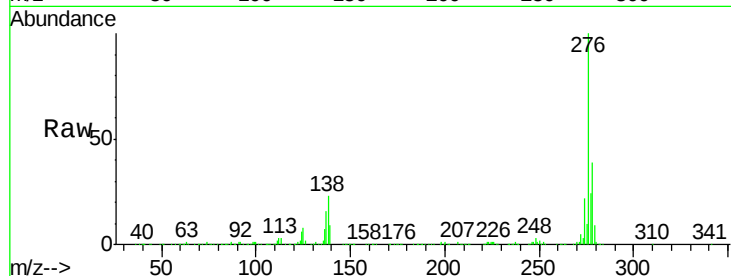
Tgt Ion:276 Resp: 858853

Ion Ratio Lower Upper

276 100

138 25.5 20.6 30.8

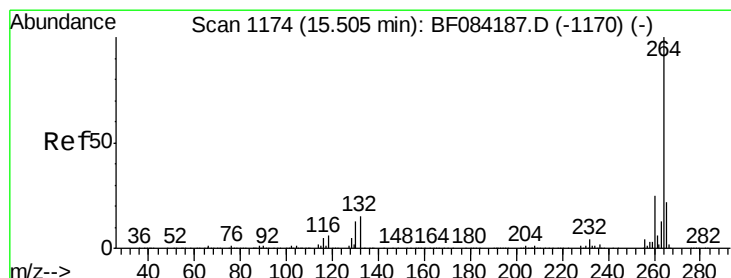
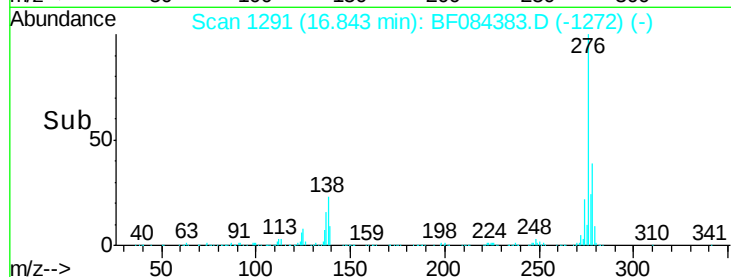
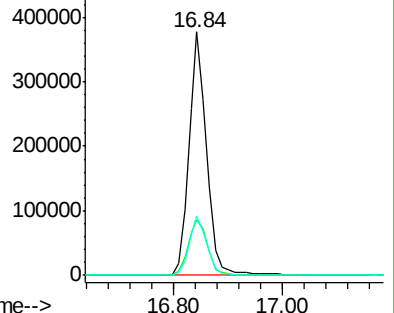
277 24.9 20.1 30.1



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: 15.45 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

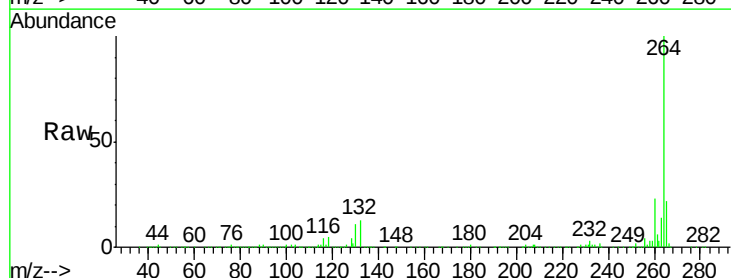
Tgt Ion:264 Resp: 426239

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

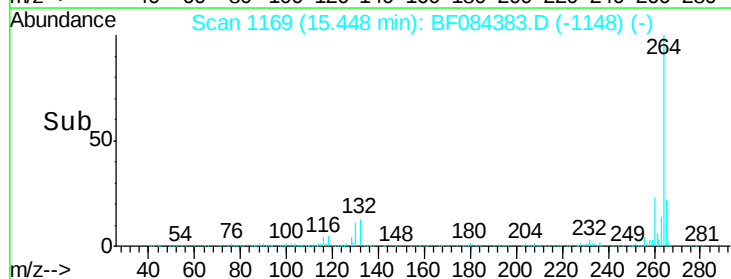
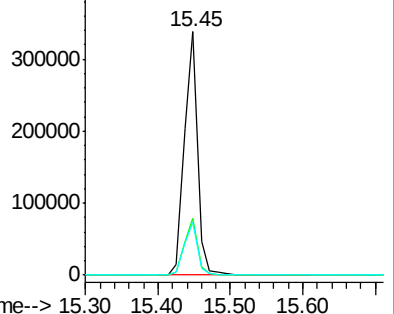
265 21.6 17.8 26.6

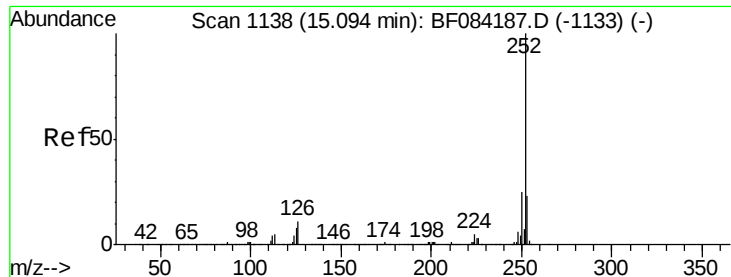


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

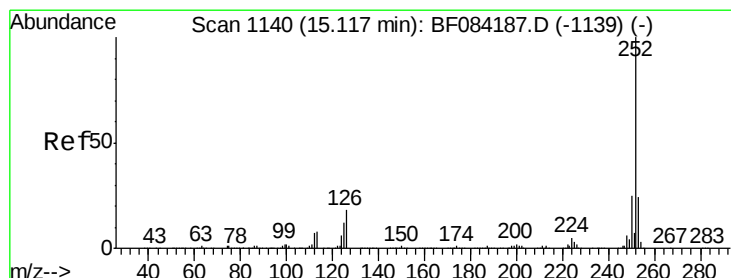
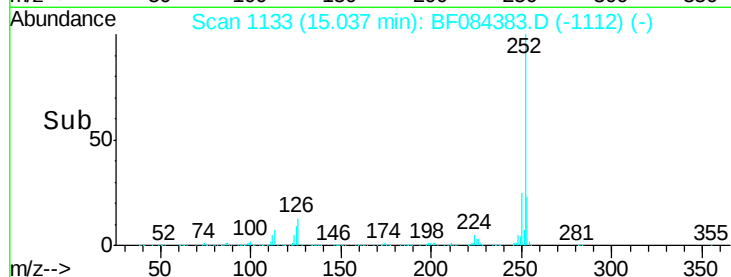
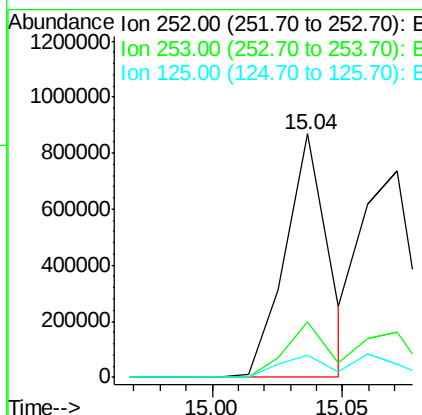
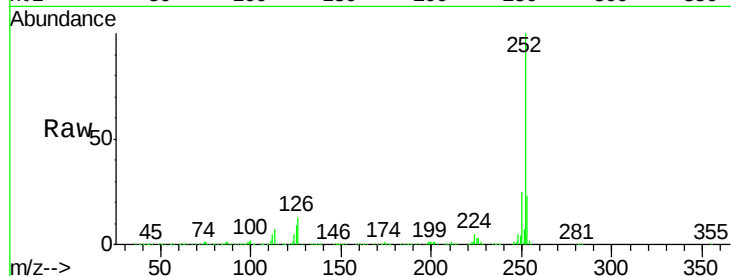




#87
Benzo(b)fluoranthene
Concen: 35.59 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.06 min
Lab File: BF084383.D
Acq: 11 Jan 2016 16:53

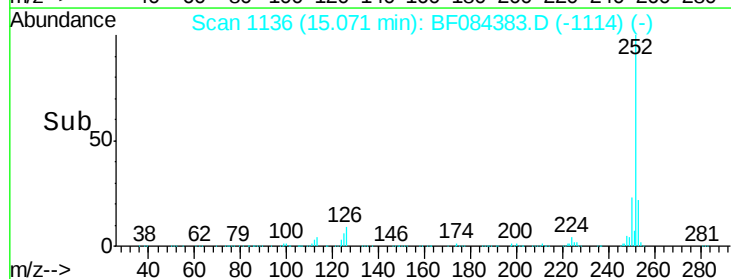
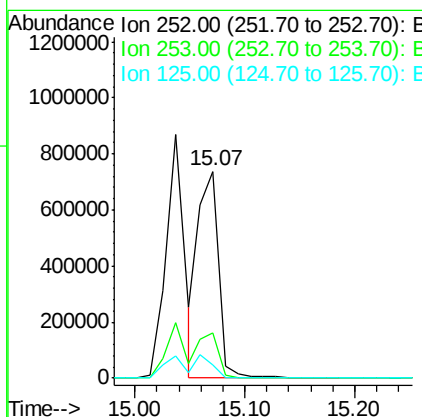
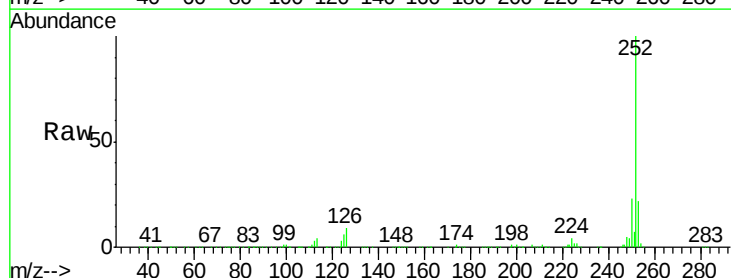
Instrument :
BNA_F
ClientSampleId :
PB87733BS

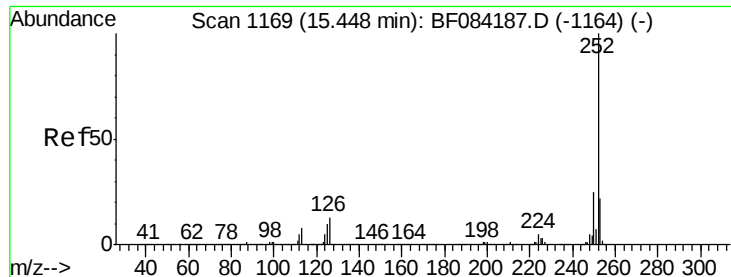
Tgt Ion:252 Resp: 992442
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 9.3 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 43.35 ng m
RT: 15.07 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BF084383.D
Acq: 11 Jan 2016 16:53

Tgt Ion:252 Resp: 988533
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 6.1 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 39.96 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.06 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS

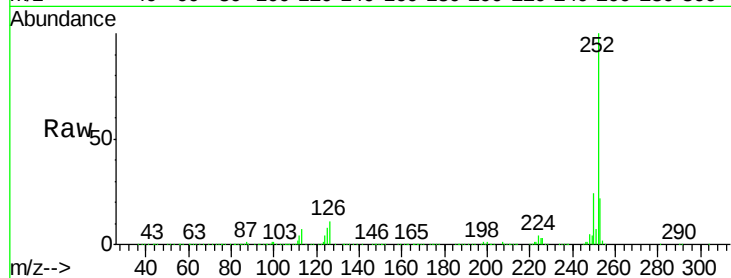
Tgt Ion:252 Resp: 944999

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

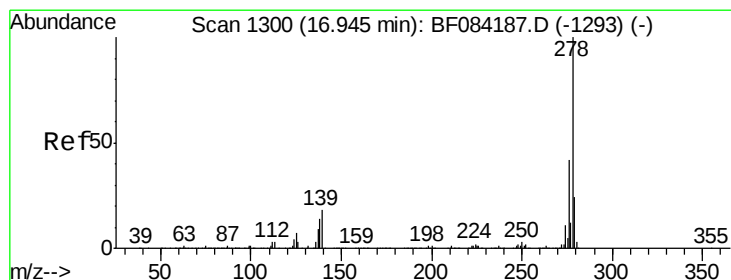
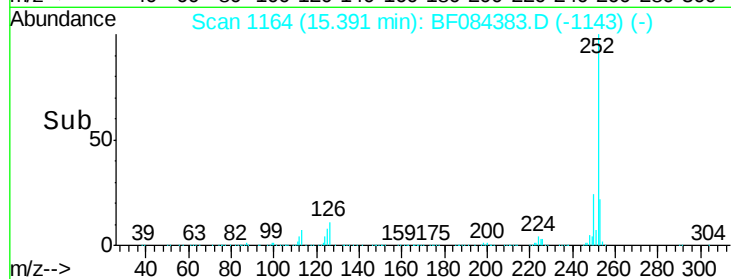
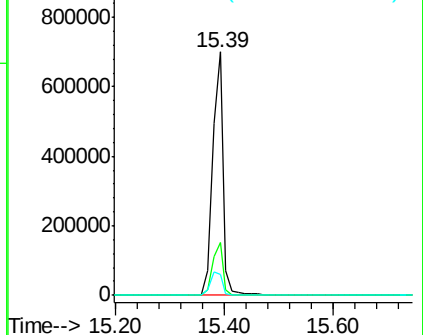
125 8.4 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.13 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.09 min

Lab File: BF084383.D

Acq: 11 Jan 2016 16:53

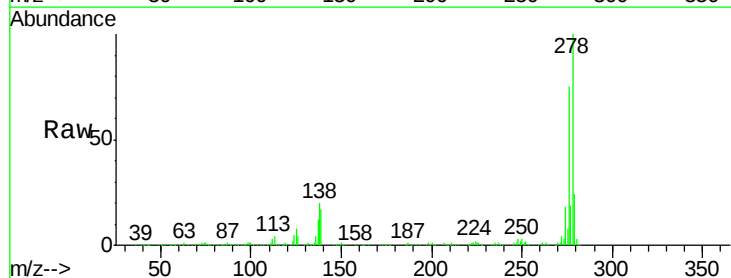
Tgt Ion:278 Resp: 735301

Ion Ratio Lower Upper

278 100

139 17.5 15.0 22.4

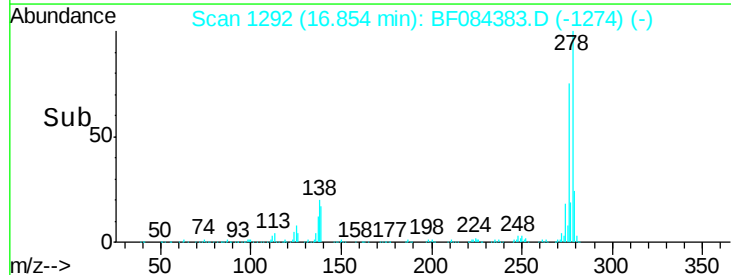
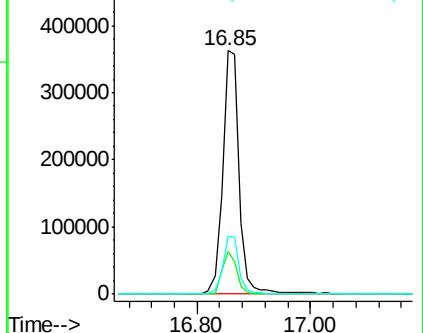
279 23.9 18.9 28.3

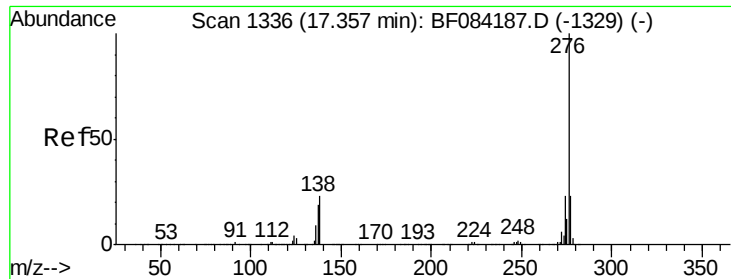


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 32.33 ng

RT: 17.27 min Scan# 1328

Delta R.T. -0.09 min

Lab File: BF084383.D

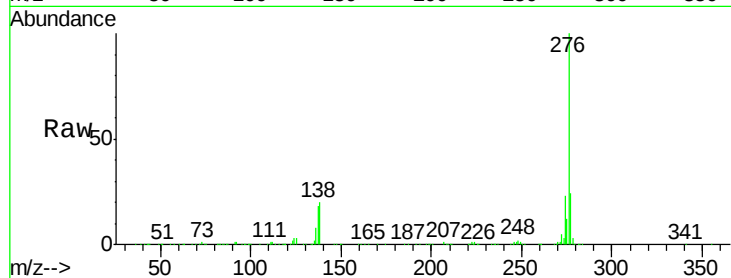
Acq: 11 Jan 2016 16:53

Instrument :

BNA_F

ClientSampleId :

PB87733BS



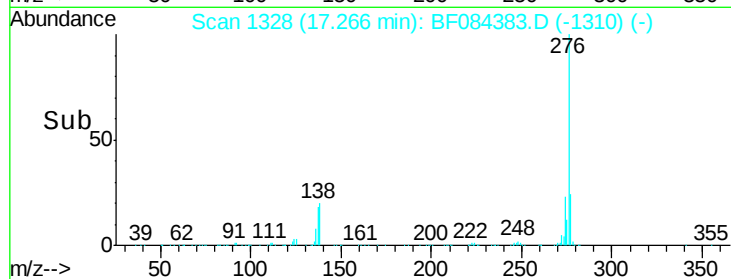
Tgt Ion: 276 Resp: 681315

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 20.3 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

