

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
 Data File : BF084587.D
 Acq On : 22 Jan 2016 14:13
 Operator : SJ/IZ
 Sample : PB87895BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

Quant Time: Jan 22 22:01:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	208276	20.00	ng	-0.08
21) Naphthalene-d8	8.03	136	857905	20.00	ng	-0.09
38) Acenaphthene-d10	9.79	164	454225	20.00	ng	-0.08
63) Phenanthrene-d10	11.26	188	820896	20.00	ng	-0.09
75) Chrysene-d12	13.91	240	621125	20.00	ng	-0.09
86) Perylene-d12	15.30	264	509279	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1046211	81.25	ng	-0.08
7) Phenol-d6	6.40	99	1318585	81.53	ng	-0.08
23) Nitrobenzene-d5	7.32	82	1200714	77.89	ng	-0.08
41) 2,4,6-Tribromophenol	10.58	330	357130	77.88	ng	-0.09
44) 2-Fluorobiphenyl	9.12	172	2032631	78.22	ng	-0.08
78) Terphenyl-d14	12.85	244	2043043	73.42	ng	-0.09

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	198662	32.57	ng	# 76
3) Pyridine	3.04	79	465628	27.38	ng	# 69
4) n-Nitrosodimethylamine	2.99	42	258371	29.60	ng	# 71
6) Aniline	6.41	93	265910	11.24	ng	# 1
8) 2-Chlorophenol	6.53	128	586699	40.16	ng	96
9) Benzaldehyde	6.29	77	49275	4.68	ng	86
10) Phenol	6.41	94	733928	39.92	ng	96
11) bis(2-Chloroethyl)ether	6.49	93	571469	40.12	ng	86
12) 1,3-Dichlorobenzene	6.92	146	533433	35.40	ng	98
13) 1,4-Dichlorobenzene	6.76	146	574841	38.04	ng	96
14) 1,2-Dichlorobenzene	6.92	146	533340	36.85	ng	95
15) Benzyl Alcohol	6.90	79	481013	35.36	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.04	45	876600	33.80	ng	86
17) 2-Methylphenol	7.01	107	455914	37.24	ng	95
18) Hexachloroethane	7.25	117	223275	36.95	ng	# 88
19) n-Nitroso-di-n-propylamine	7.17	70	405967	37.08	ng	# 78
20) 3+4-Methylphenols	7.17	107	581554	40.41	ng	# 84
22) Acetophenone	7.16	105	772037	37.42	ng	97
24) Nitrobenzene	7.33	77	586003	37.48	ng	97
25) Isophorone	7.57	82	1066899	36.19	ng	98
26) 2-Nitrophenol	7.65	139	320136	44.99	ng	# 90
27) 2,4-Dimethylphenol	7.70	122	538631	37.40	ng	96
28) bis(2-Chloroethoxy)methane	7.79	93	651537	36.18	ng	98
29) 2,4-Dichlorophenol	7.89	162	455387	37.96	ng	96
30) 1,2,4-Trichlorobenzene	7.97	180	470228	37.97	ng	97
31) Naphthalene	8.05	128	1500326	38.55	ng	99
32) Benzoic acid	7.84	122	337917	37.97	ng	96
33) 4-Chloroaniline	8.11	127	127065	7.12	ng	# 94
34) Hexachlorobutadiene	8.18	225	297131	41.73	ng	99
35) Caprolactam	8.49	113	111709	27.62	ng	# 65
36) 4-Chloro-3-methylphenol	8.60	107	547431	40.74	ng	96
37) 2-Methylnaphthalene	8.75	142	1137357	40.71	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	427066	32.70	ng	98
40) Hexachlorocyclopentadiene	8.90	237	472185	59.90	ng	98

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 Misc :
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Instrument :
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 ClientSampleId :
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Quant Time: Jan 22 22:01:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

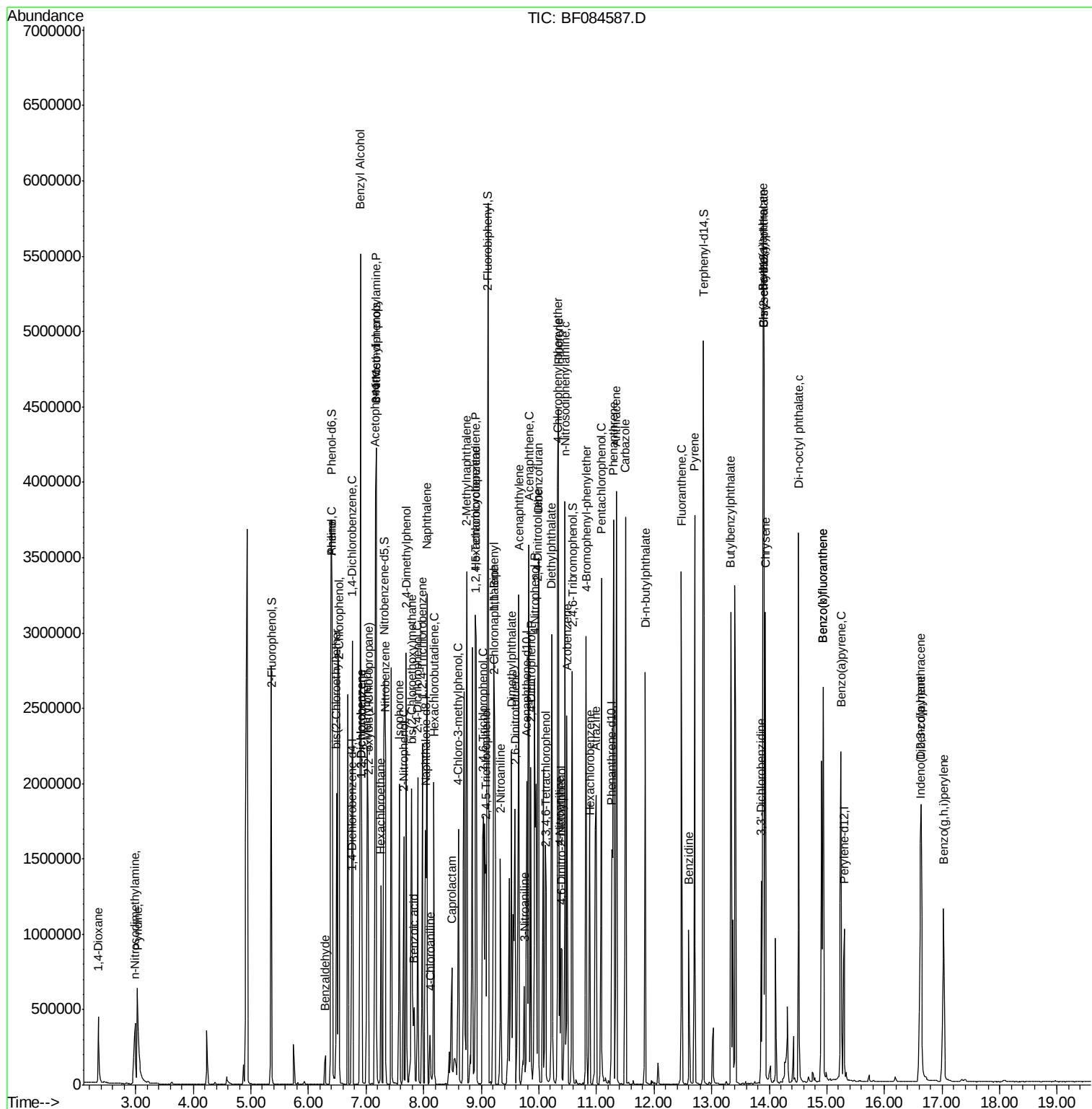
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	331454	33.93	ng	94
43) 2,4,5-Trichlorophenol	9.08	196	353754	37.77	ng	95
45) 1,1'-Biphenyl	9.22	154	1310316	36.30	ng	95
46) 2-Chloronaphthalene	9.23	162	991536	34.97	ng	97
47) 2-Nitroaniline	9.33	65	321411	34.34	ng	96
48) Acenaphthylene	9.65	152	1649119	39.36	ng	98
49) Dimethylphthalate	9.53	163	1262458	38.88	ng	# 91
50) 2,6-Dinitrotoluene	9.58	165	297596	41.79	ng	# 86
51) Acenaphthene	9.82	154	1067598	37.99	ng	98
52) 3-Nitroaniline	9.74	138	97331	11.03	ng	93
53) 2,4-Dinitrophenol	9.86	184	283567	92.87	ng	# 89
54) Dibenzofuran	10.00	168	1385714	37.58	ng	93
55) 4-Nitrophenol	9.93	139	390320	60.93	ng	# 77
56) 2,4-Dinitrotoluene	9.98	165	337096	37.40	ng	# 83
57) Fluorene	10.34	166	1133160	40.00	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	277780	34.74	ng	90
59) Diethylphthalate	10.22	149	1258957	39.32	ng	98
60) 4-Chlorophenyl-phenylether	10.33	204	471095	38.54	ng	90
61) 4-Nitroaniline	10.36	138	243829	30.99	ng	94
62) Azobenzene	10.49	77	1199085	34.15	ng	87
64) 4,6-Dinitro-2-methylphenol	10.40	198	205219	40.93	ng	80
65) n-Nitrosodiphenylamine	10.45	169	977794	37.25	ng	99
66) 4-Bromophenyl-phenylether	10.82	248	317914	35.98	ng	# 80
67) Hexachlorobenzene	10.89	284	362463	36.45	ng	# 86
68) Atrazine	10.99	200	360323	41.95	ng	94
69) Pentachlorophenol	11.08	266	367868	71.34	ng	99
70) Phenanthrene	11.30	178	1768059	41.18	ng	97
71) Anthracene	11.34	178	1538159	36.54	ng	98
72) Carbazole	11.50	167	1429263	34.73	ng	98
73) Di-n-butylphthalate	11.85	149	1877205	42.24	ng	98
74) Fluoranthene	12.48	202	1600589	35.68	ng	99
76) Benzidine	12.60	184	436972	19.62	ng	99
77) Pyrene	12.71	202	1603586	32.90	ng	98
79) Butylbenzylphthalate	13.33	149	754125	35.75	ng	88
80) Benzo(a)anthracene	13.89	228	1385176	37.98	ng	98
81) 3,3'-Dichlorobenzidine	13.86	252	257455	20.23	ng	# 96
82) Chrysene	13.93	228	1215984	34.70	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	979478	36.76	ng	# 93
84) Di-n-octyl phthalate	14.51	149	1679832	37.34	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.63	276	1102234	39.68	ng	99
87) Benzo(b)fluoranthene	14.93	252	2272970	68.23	ng	# 97
88) Benzo(k)fluoranthene	14.93	252	2272970	83.42	ng	99
89) Benzo(a)pyrene	15.24	252	1058411	37.46	ng	97
90) Dibenzo(a,h)anthracene	16.64	278	921585	37.90	ng	97
91) Benzo(g,h,i)perylene	17.03	276	931992	37.01	ng	99

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

```
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Sample    : PB87895BSD  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
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Quant Time: Jan 22 22:01:12 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

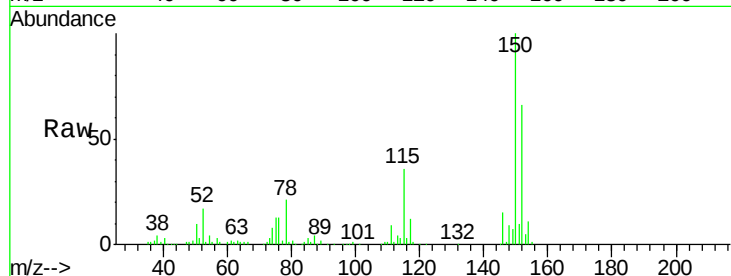
Tgt Ion:152 Resp: 208276

Ion Ratio Lower Upper

152 100

150 152.1 123.0 184.4

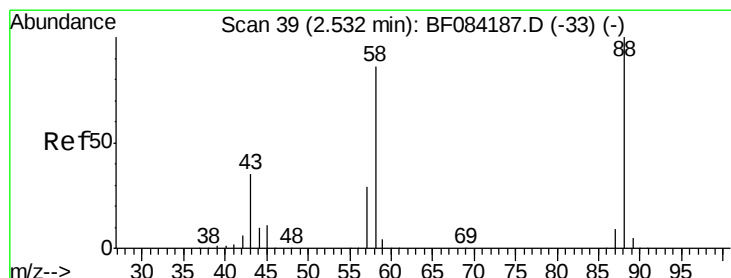
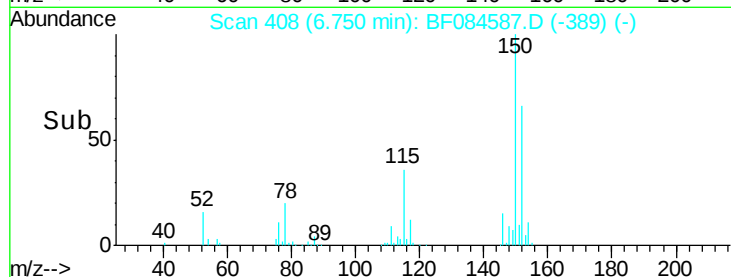
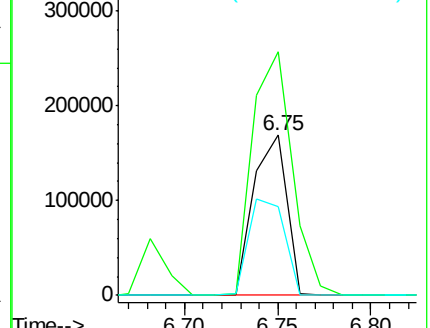
115 55.4 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.57 ng

RT: 2.35 min Scan# 23

Delta R.T. -0.05 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

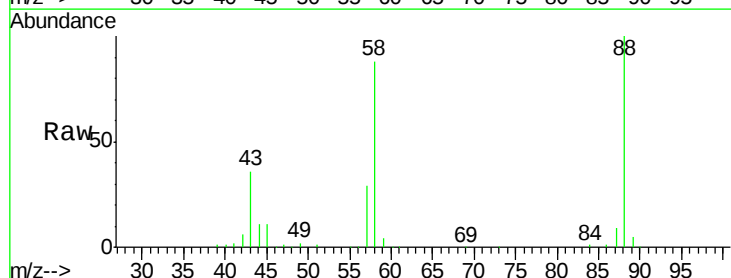
Tgt Ion: 88 Resp: 198662

Ion Ratio Lower Upper

88 100

58 85.1 51.2 76.8#

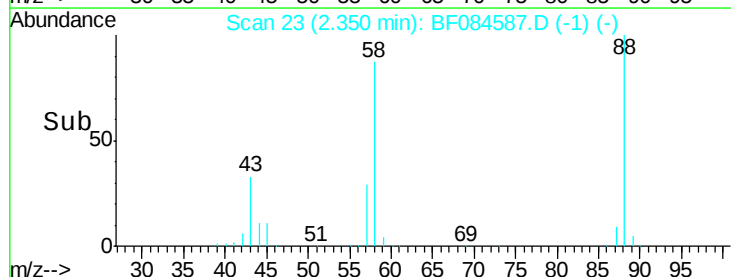
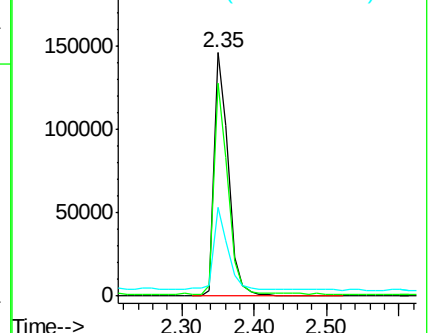
43 32.5 19.5 29.3#

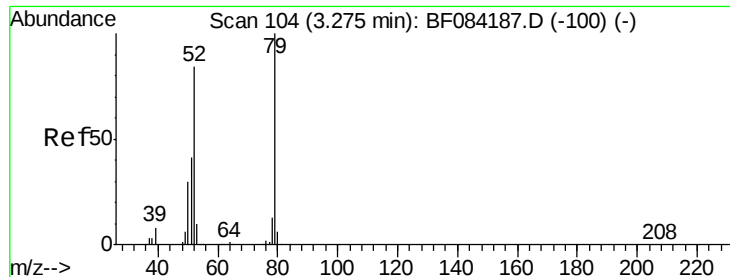


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 27.38 ng

RT: 3.04 min Scan# 83

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

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ClientSampleId :

PB87895BSD

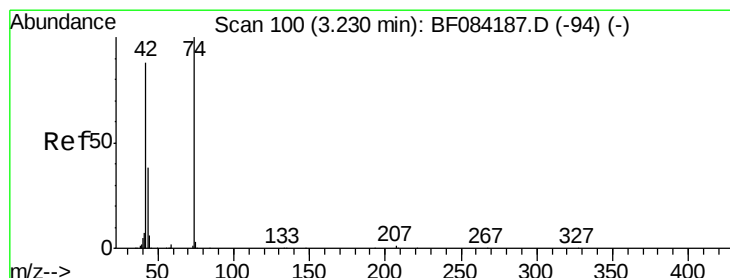
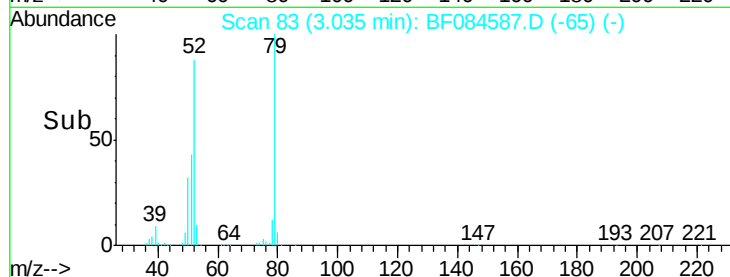
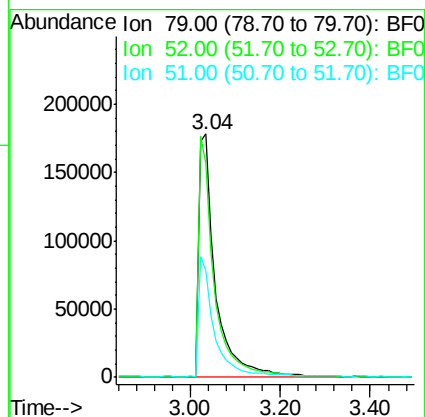
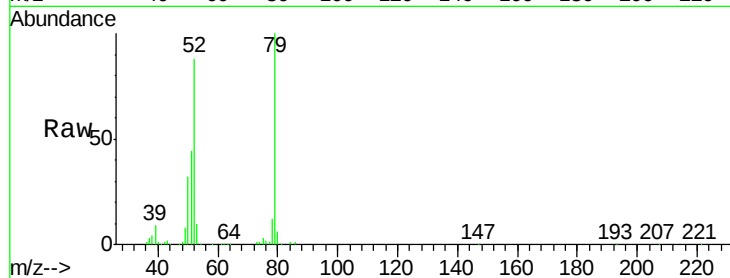
Tgt Ion: 79 Resp: 465628

Ion Ratio Lower Upper

79 100

52 87.9 49.0 73.4#

51 43.8 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 29.60 ng

RT: 2.99 min Scan# 79

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

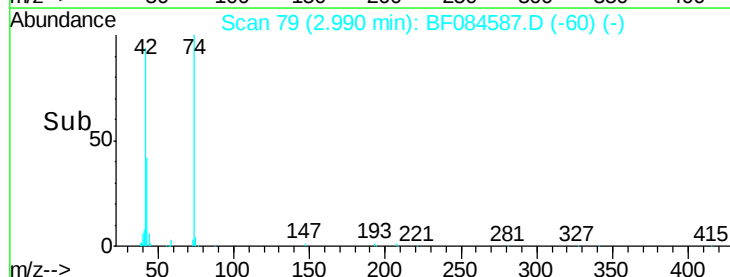
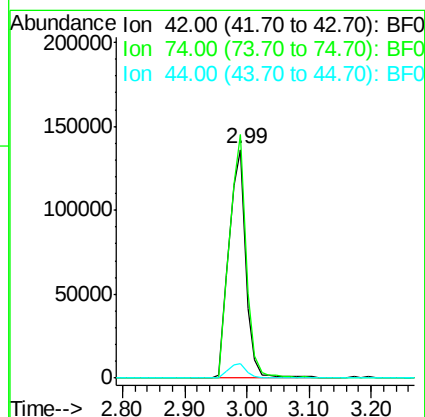
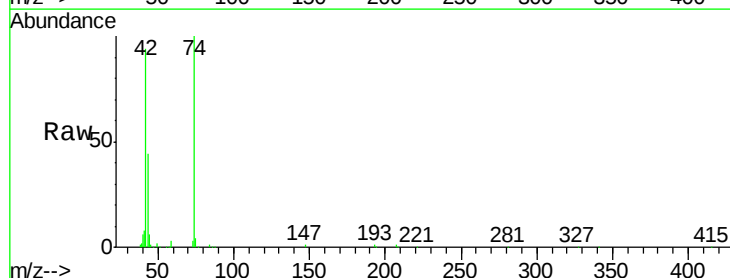
Tgt Ion: 42 Resp: 258371

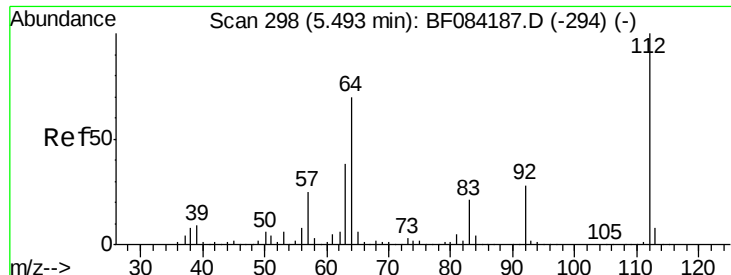
Ion Ratio Lower Upper

42 100

74 106.4 115.7 173.5#

44 6.3 5.1 7.7





#5

2-Fluorophenol

Concen: 81.25 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

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ClientSampleId :

PB87895BSD

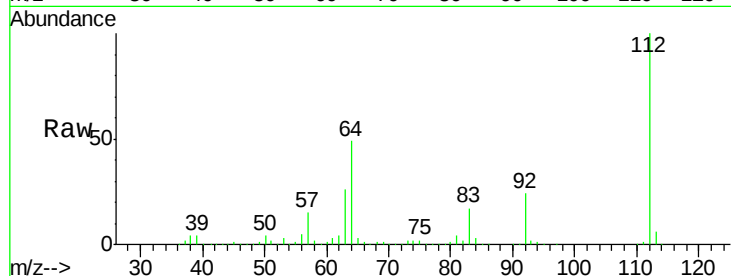
Tgt Ion: 112 Resp: 1046211

Ion Ratio Lower Upper

112 100

64 49.3 36.6 55.0

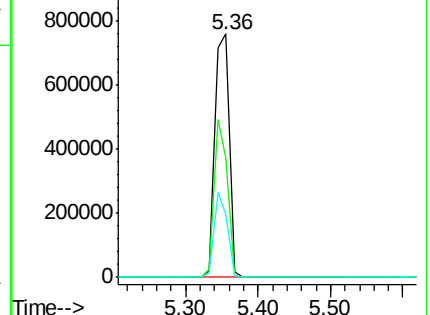
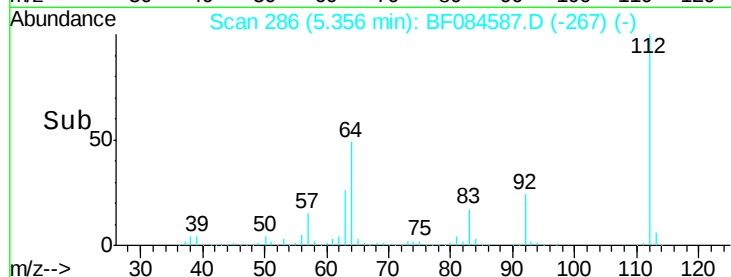
63 25.8 19.4 29.0



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: 11.24 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

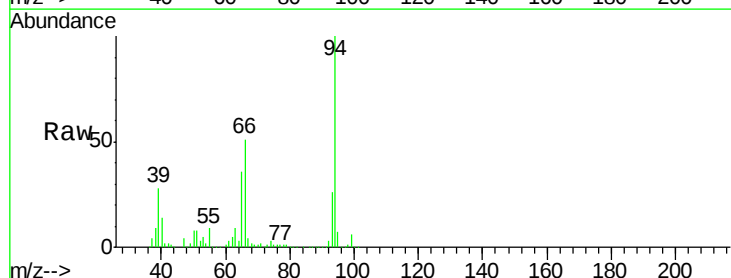
Tgt Ion: 93 Resp: 265910

Ion Ratio Lower Upper

93 100

66 193.0 44.9 67.3#

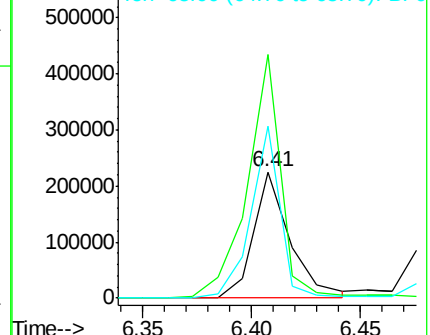
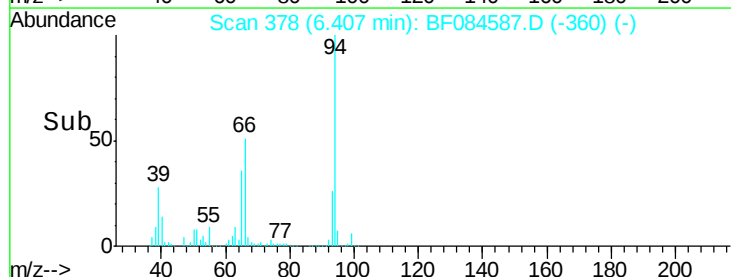
65 135.8 23.7 35.5#

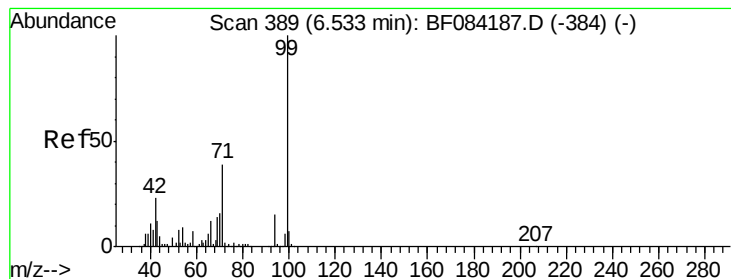


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.53 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

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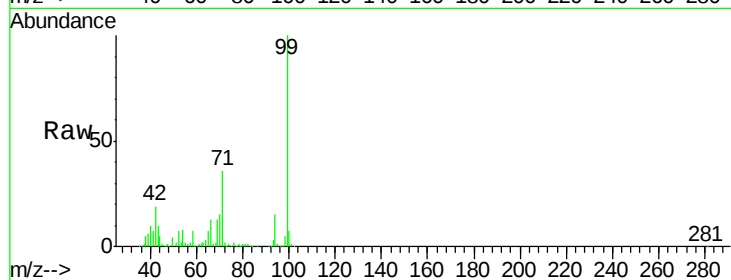
Tgt Ion: 99 Resp: 1318585

Ion Ratio Lower Upper

99 100

42 19.0 12.8 19.2

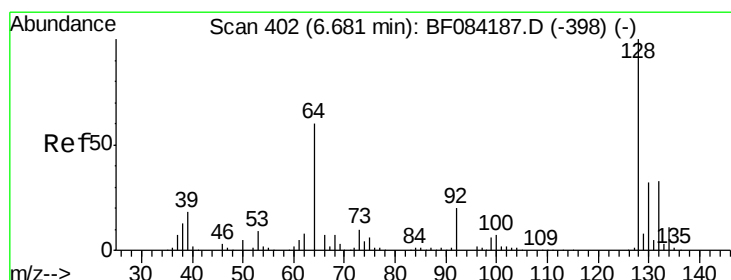
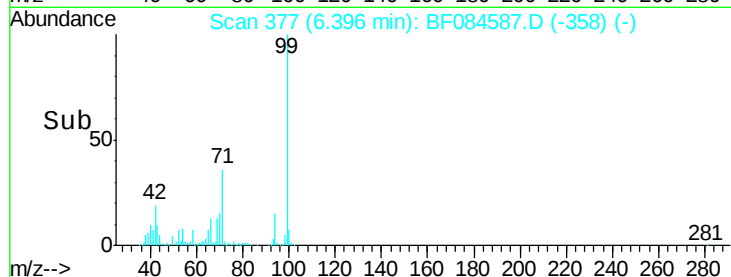
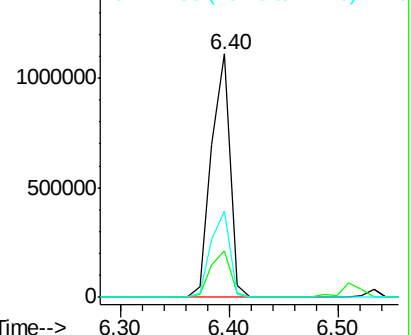
71 35.6 30.9 46.3



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: 40.16 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

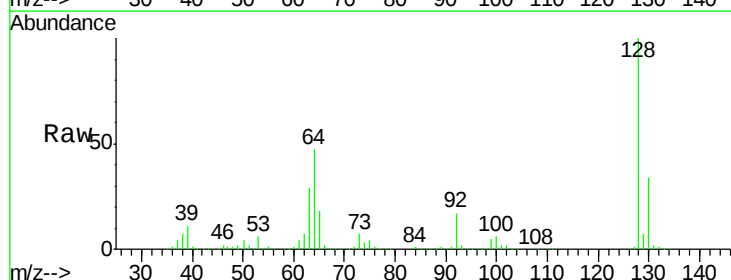
Tgt Ion: 128 Resp: 586699

Ion Ratio Lower Upper

128 100

130 33.7 11.6 51.6

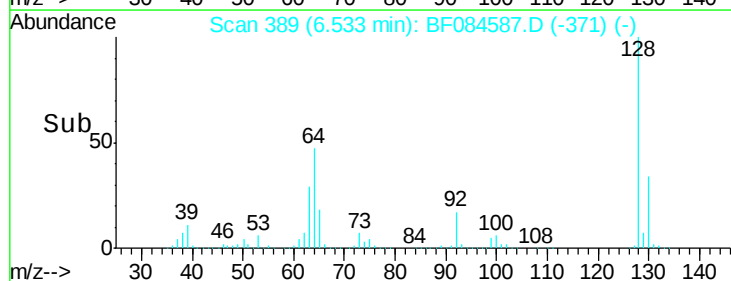
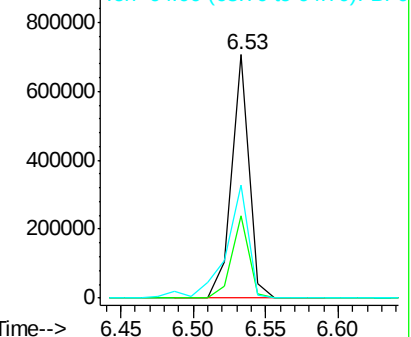
64 46.6 23.8 63.8

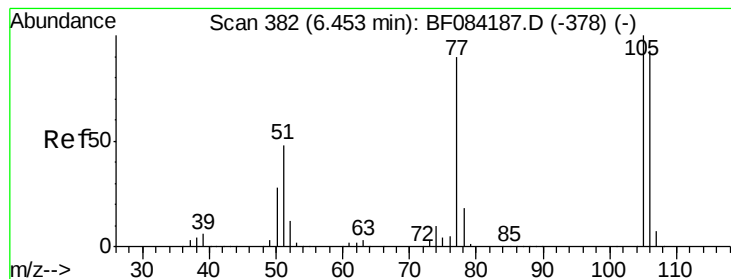


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.68 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.09 min

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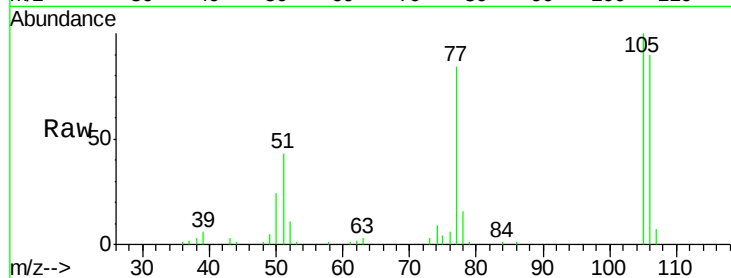
Tgt Ion: 77 Resp: 49275

Ion Ratio Lower Upper

77 100

105 119.1 83.0 123.0

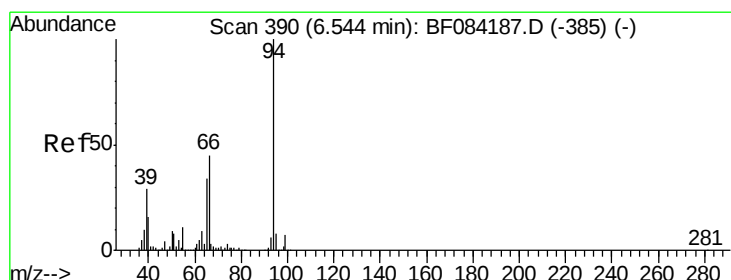
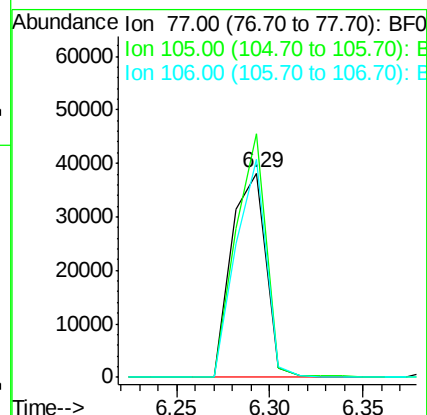
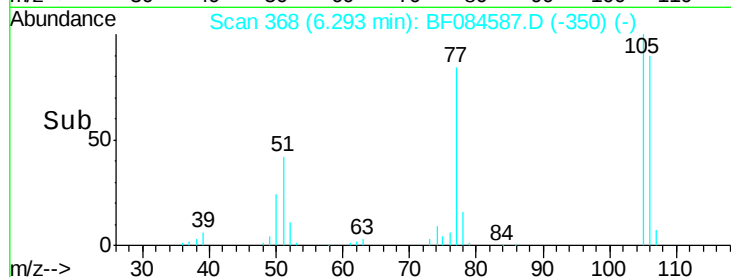
106 106.9 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.92 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

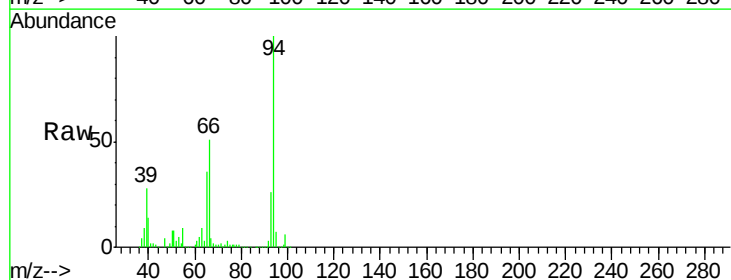
Tgt Ion: 94 Resp: 733928

Ion Ratio Lower Upper

94 100

65 35.8 12.9 52.9

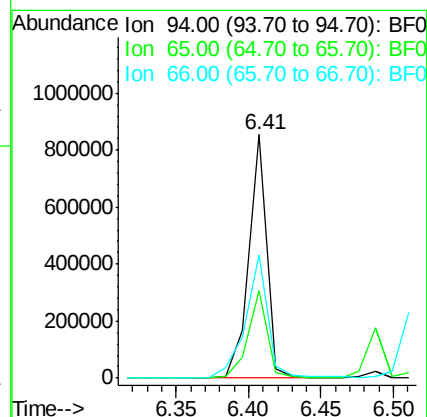
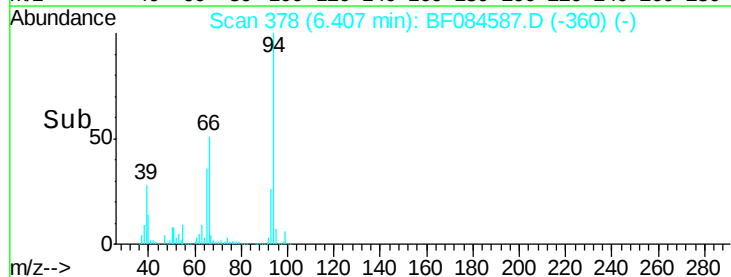
66 50.8 32.7 72.7

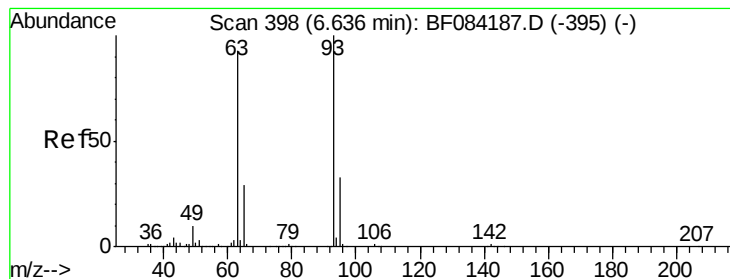


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.12 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

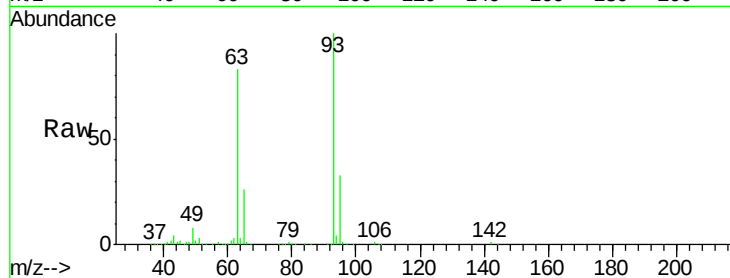
Tgt Ion: 93 Resp: 571469

Ion Ratio Lower Upper

93 100

63 82.5 45.9 85.9

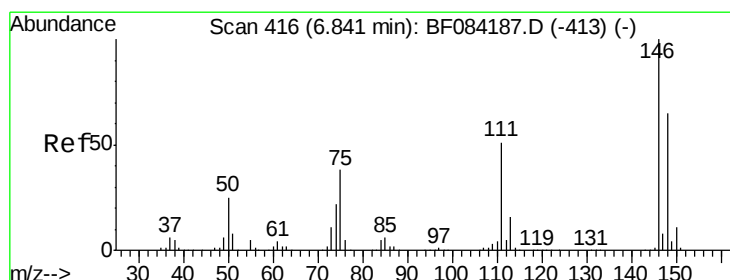
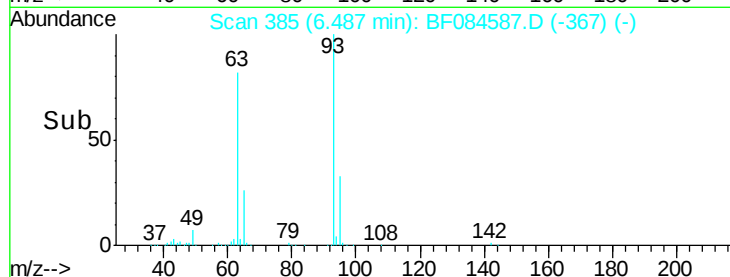
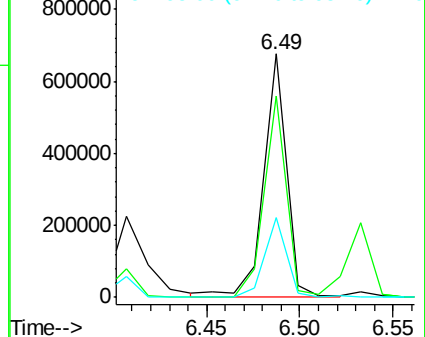
95 32.7 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 35.40 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.15 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

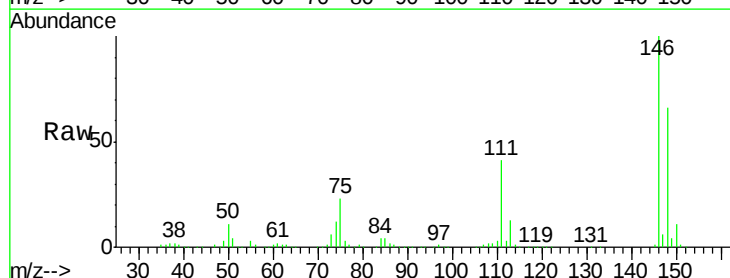
Tgt Ion: 146 Resp: 533433

Ion Ratio Lower Upper

146 100

148 65.5 51.9 77.9

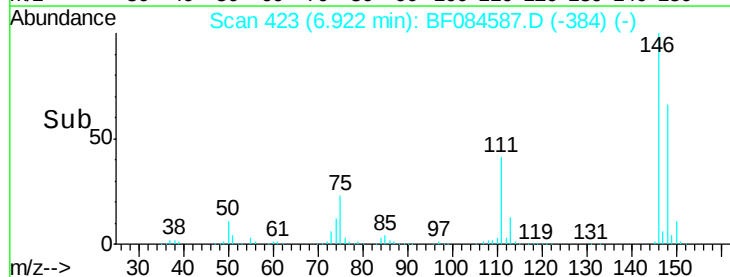
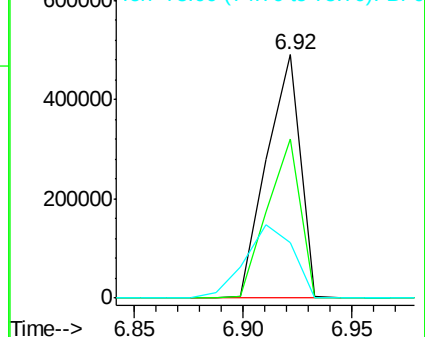
75 23.0 20.5 30.7

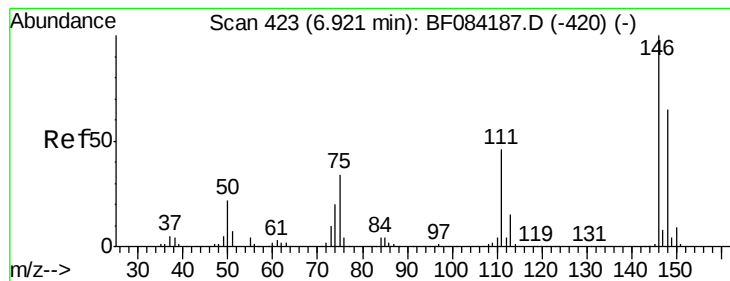


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 38.04 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

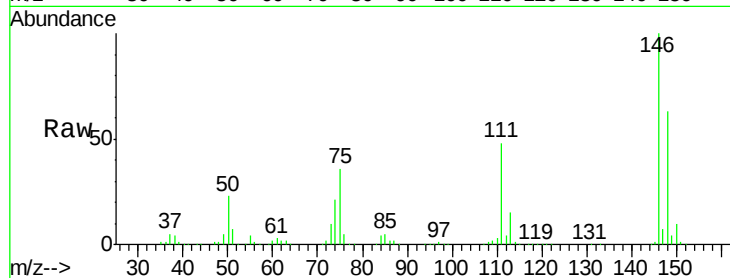
Tgt Ion:146 Resp: 574841

Ion Ratio Lower Upper

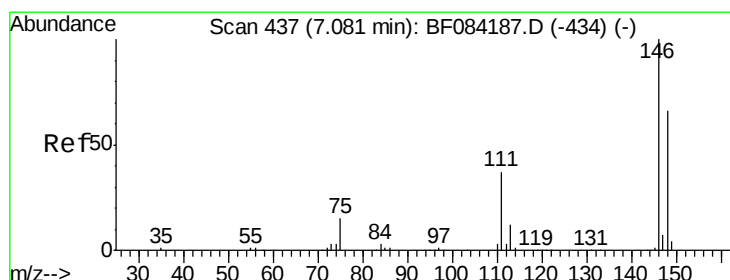
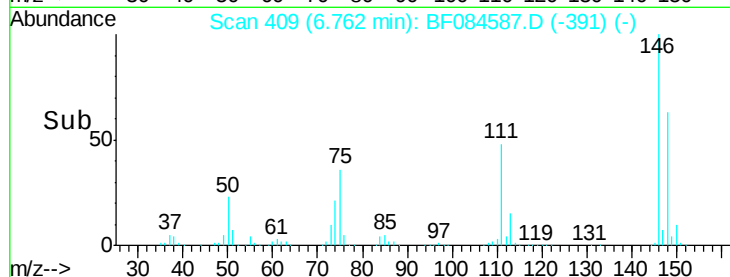
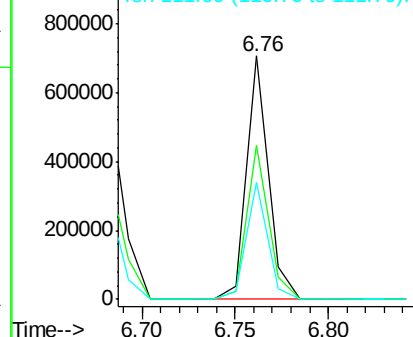
146 100

148 63.5 51.9 77.9

111 47.8 41.6 62.4



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



#14

1,2-Dichlorobenzene

Concen: 36.85 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

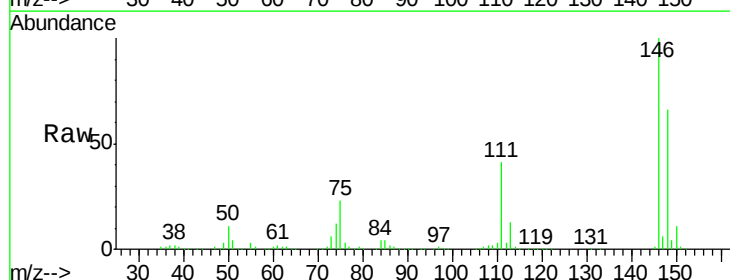
Tgt Ion:146 Resp: 533340

Ion Ratio Lower Upper

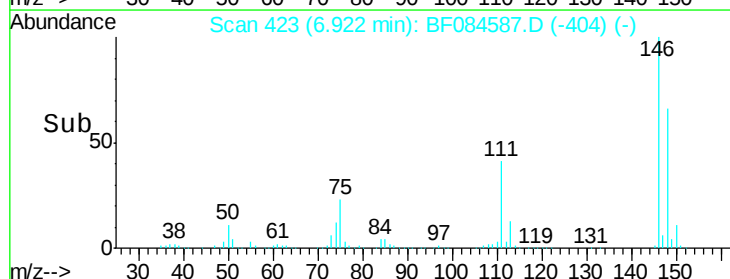
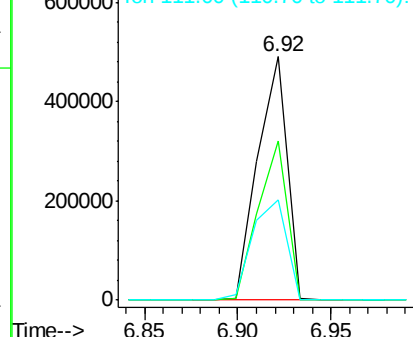
146 100

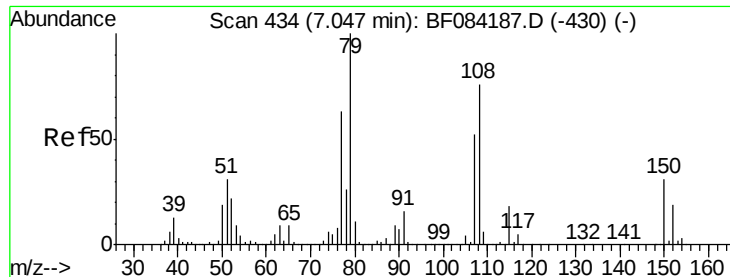
148 65.5 51.6 77.4

111 41.3 38.0 57.0



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





#15

Benzyl Alcohol

Concen: 35.36 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

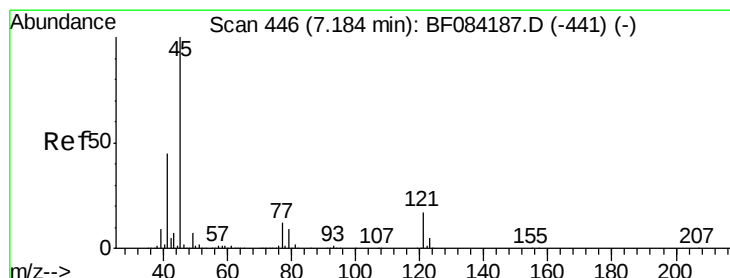
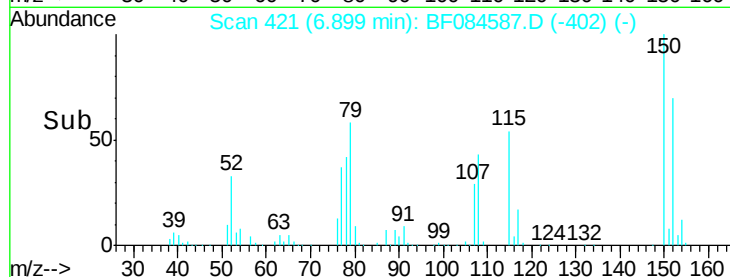
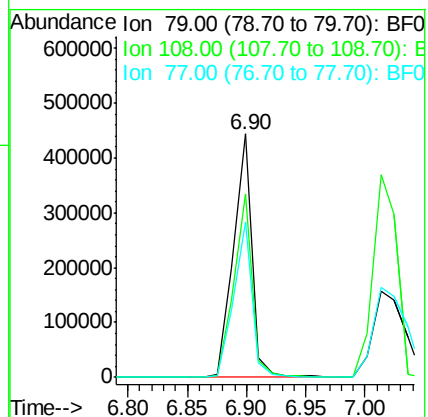
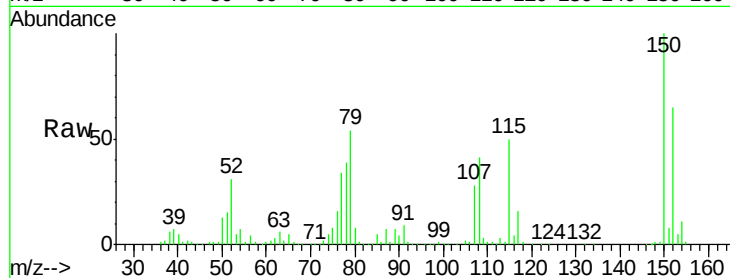
Tgt Ion: 79 Resp: 481013

Ion Ratio Lower Upper

79 100

108 75.5 69.0 103.4

77 63.7 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.80 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

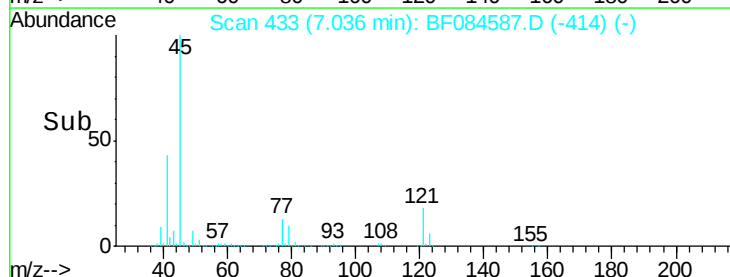
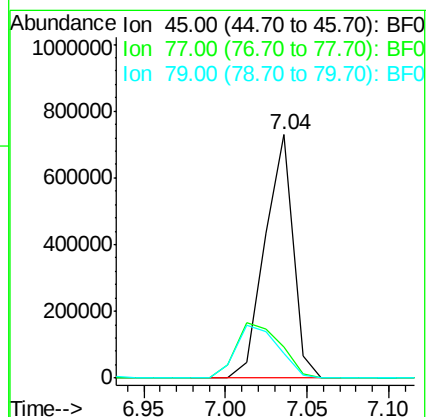
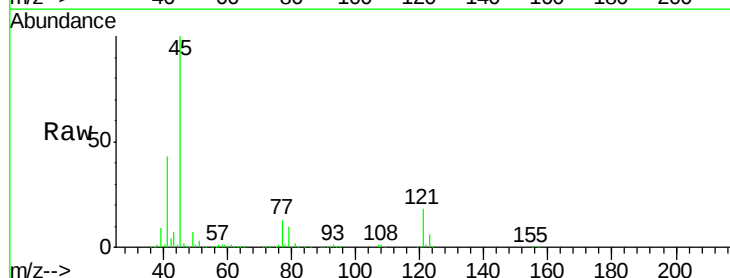
Tgt Ion: 45 Resp: 876600

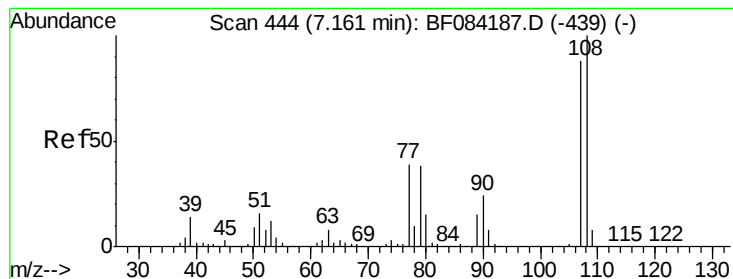
Ion Ratio Lower Upper

45 100

77 12.7 0.0 39.6

79 9.9 0.0 35.0





#17

2-Methylphenol

Concen: 37.24 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

Tgt Ion:107 Resp: 455914

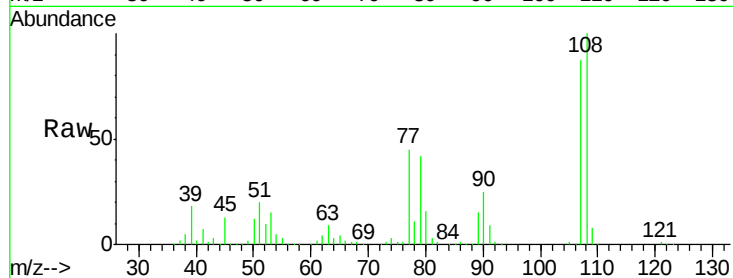
Ion Ratio Lower Upper

107 100

108 114.5 89.8 134.6

77 51.1 35.7 53.5

79 48.5 35.7 53.5

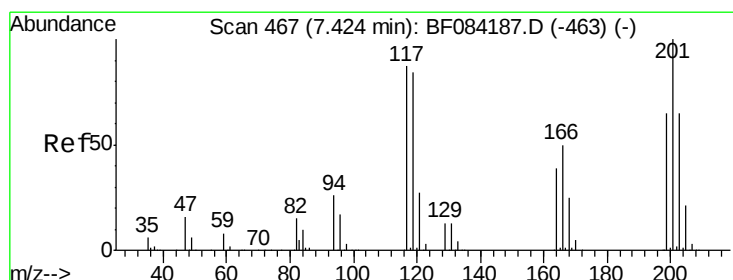
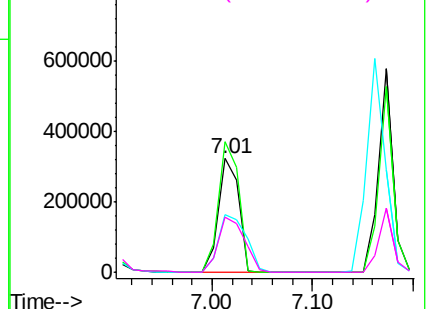
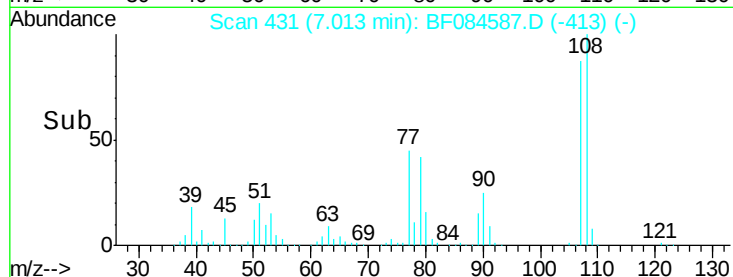


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.95 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

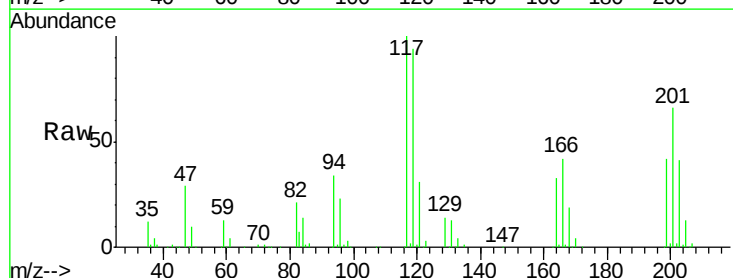
Tgt Ion:117 Resp: 223275

Ion Ratio Lower Upper

117 100

119 93.9 77.4 116.0

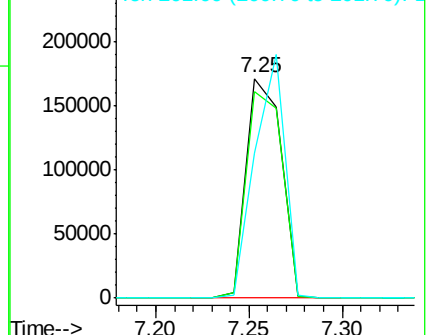
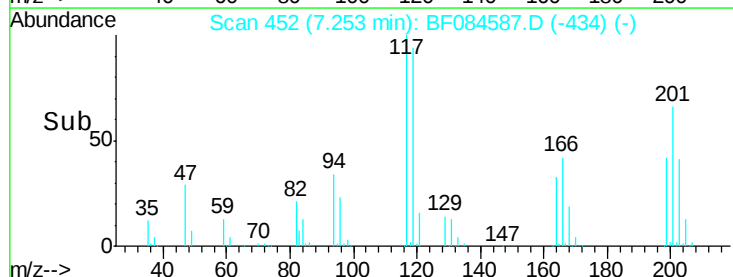
201 66.1 68.6 103.0#

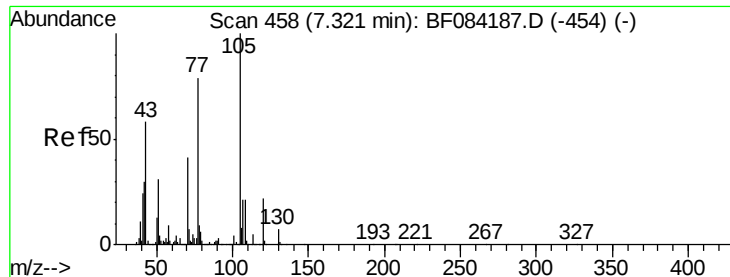


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

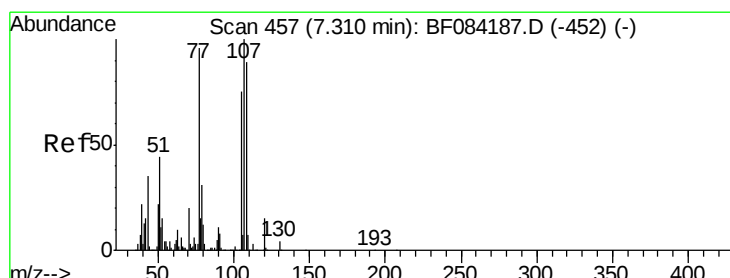
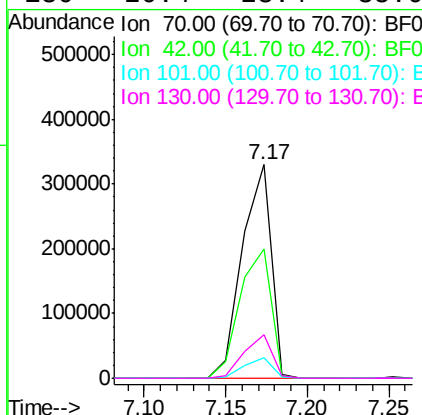
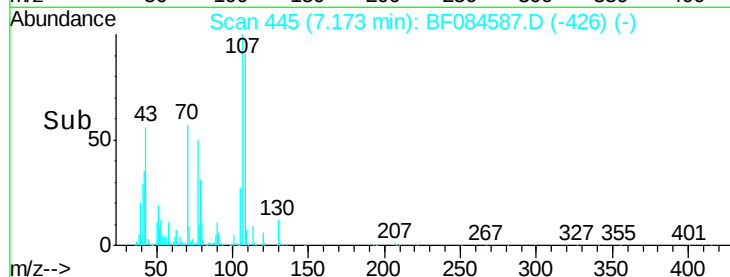
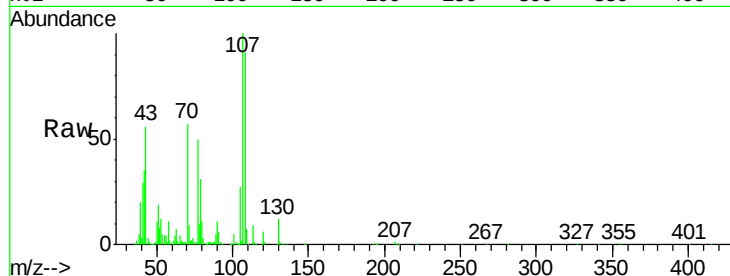




#19
n-Nitroso-di-n-propylamine
Concen: 37.08 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.08 min
Lab File: BF084587.D
Acq: 22 Jan 2016 14:13

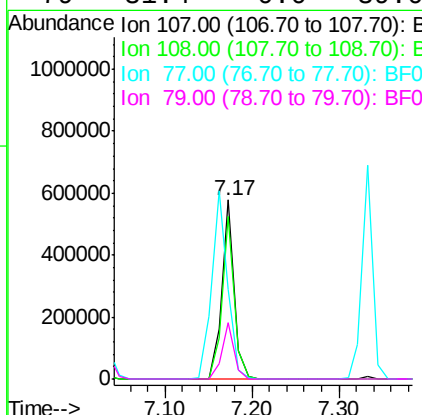
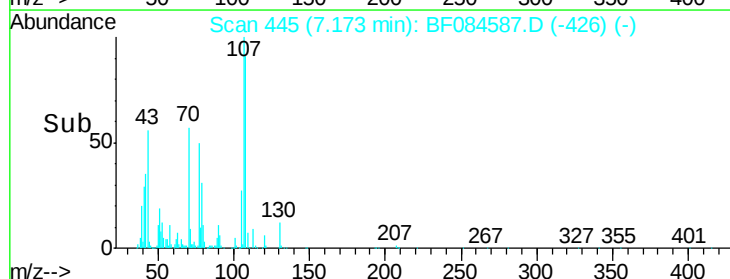
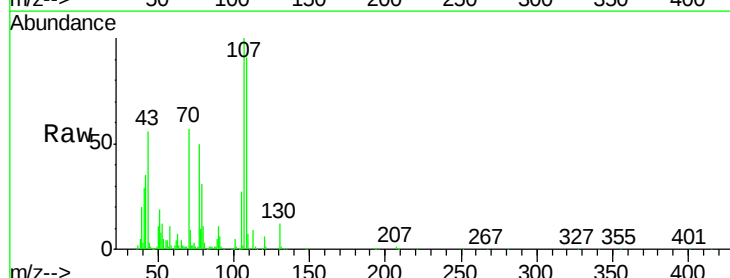
Instrument :
BNA_F
ClientSampleId :
PB87895BSD

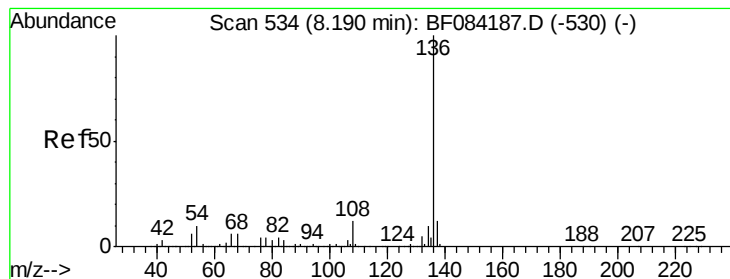
Tgt Ion: 70 Resp: 405967
Ion Ratio Lower Upper
70 100
42 60.6 33.3 49.9#
101 9.6 9.3 13.9
130 20.4 23.4 35.0#



#20
3+4-Methylphenols
Concen: 40.41 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.08 min
Lab File: BF084587.D
Acq: 22 Jan 2016 14:13

Tgt Ion: 107 Resp: 581554
Ion Ratio Lower Upper
107 100
108 91.1 74.6 114.6
77 50.1 0.7 40.7#
79 31.4 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

Tgt Ion:136 Resp: 857905

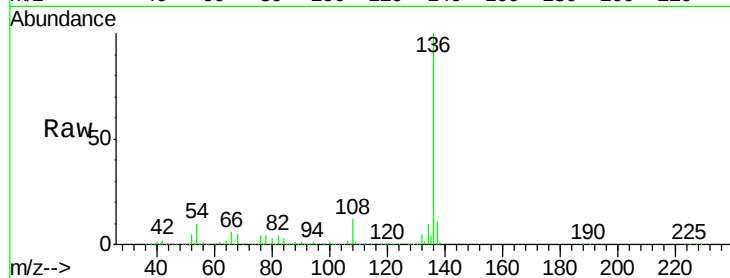
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 9.8 5.8 8.8#

68 5.4 4.2 6.2

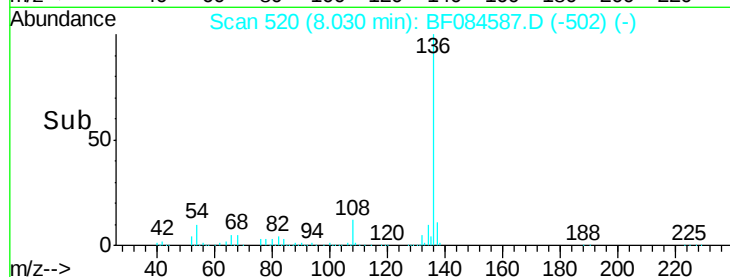


Abundance Ion 136.00 (135.70 to 136.70): E

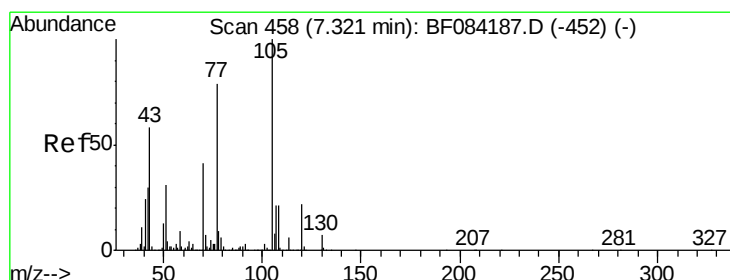
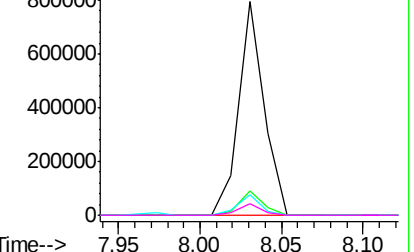
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 37.42 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Tgt Ion:105 Resp: 772037

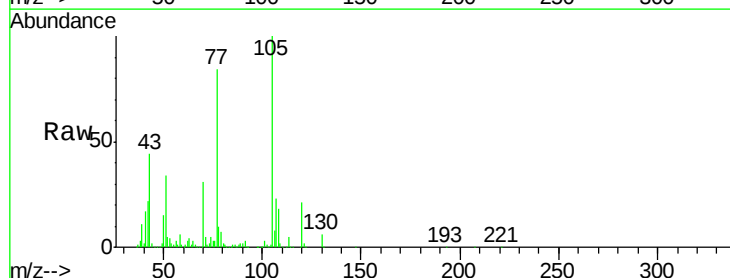
Ion Ratio Lower Upper

105 100

71 5.2 3.7 5.5

51 33.7 25.1 37.7

120 21.2 16.6 25.0

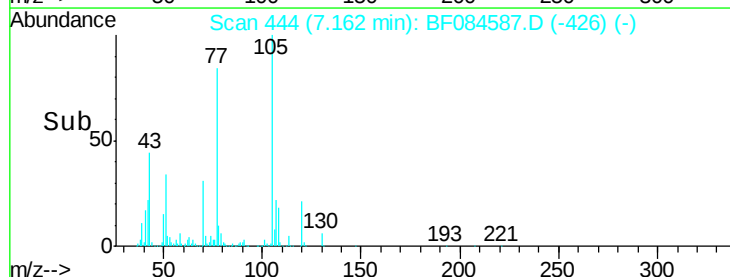


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

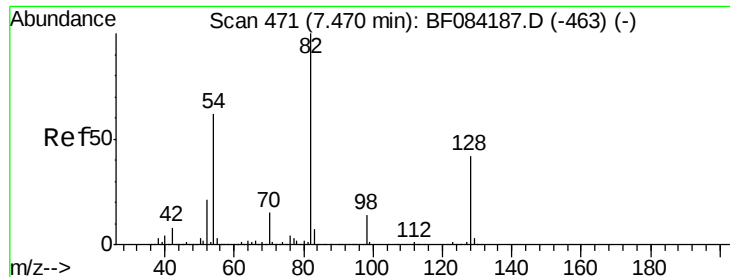
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 77.89 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

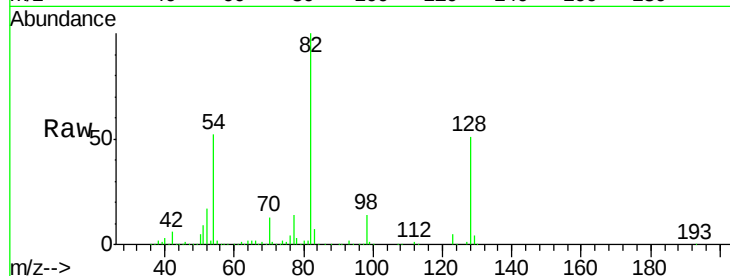
Tgt Ion: 82 Resp: 1200714

Ion Ratio Lower Upper

82 100

128 50.8 34.6 51.8

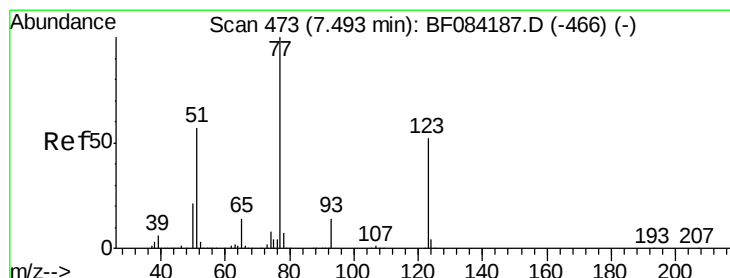
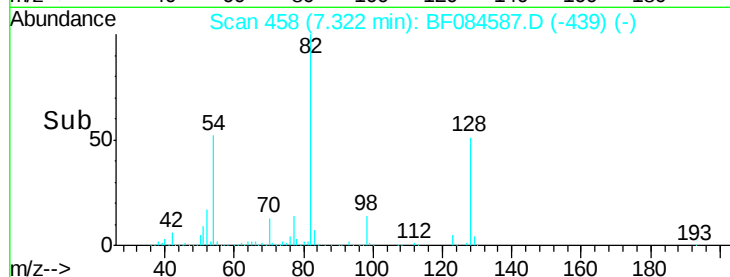
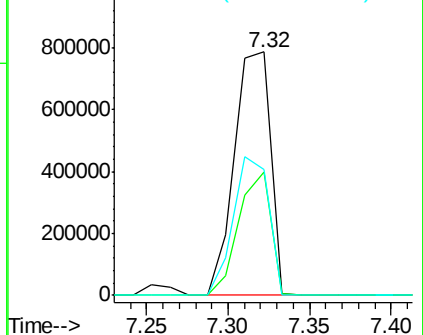
54 51.8 38.4 57.6



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: 37.48 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

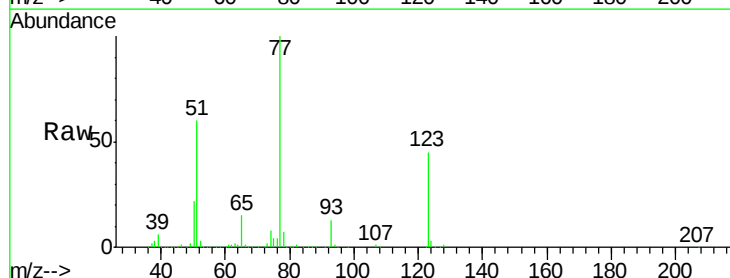
Tgt Ion: 77 Resp: 586003

Ion Ratio Lower Upper

77 100

123 44.6 37.4 56.2

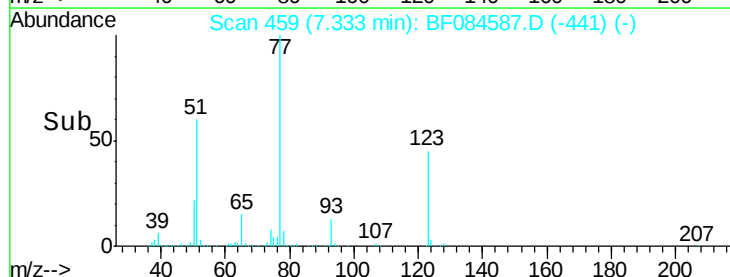
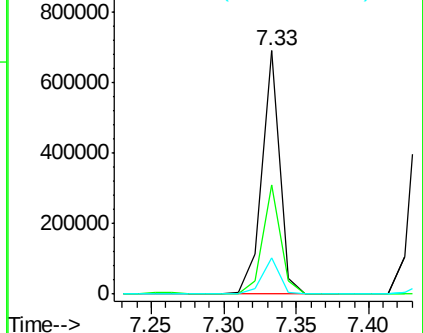
65 14.8 10.9 16.3

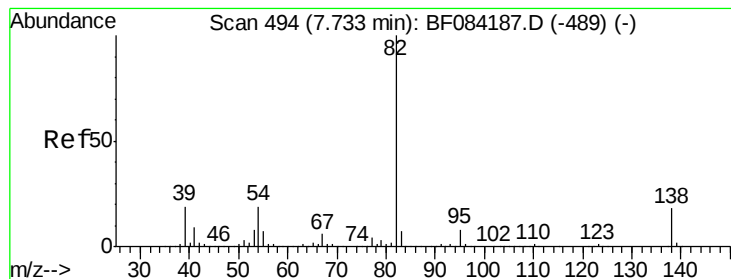


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.19 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

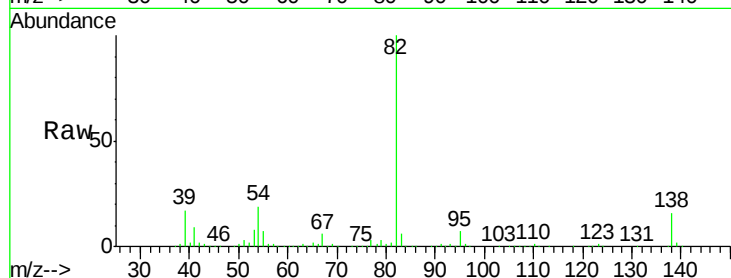
Tgt Ion: 82 Resp: 1066899

Ion Ratio Lower Upper

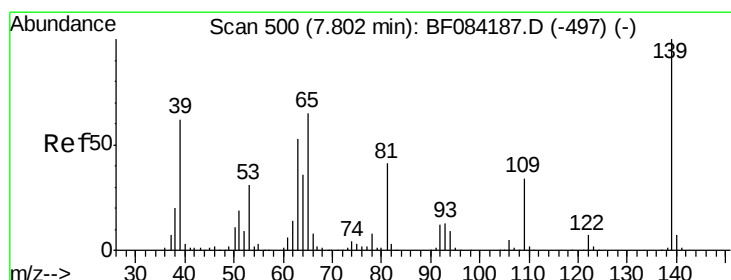
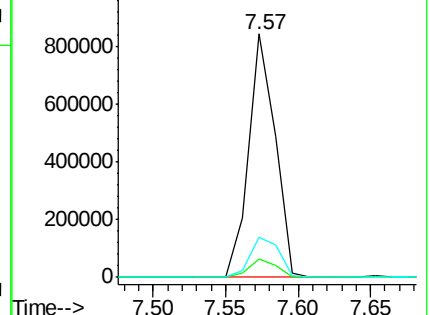
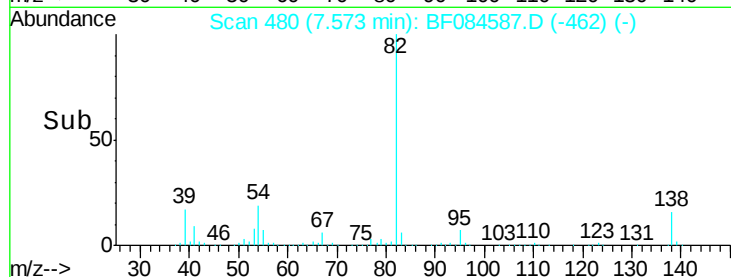
82 100

95 7.4 6.6 10.0

138 16.3 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.99 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

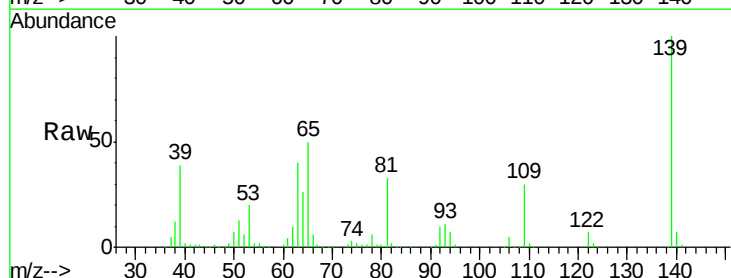
Tgt Ion: 139 Resp: 320136

Ion Ratio Lower Upper

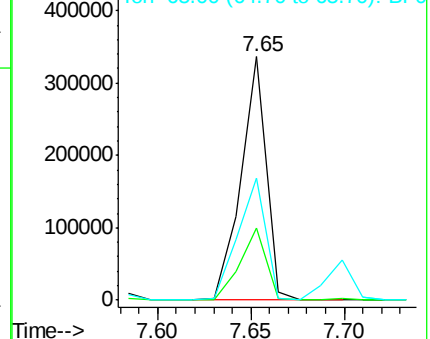
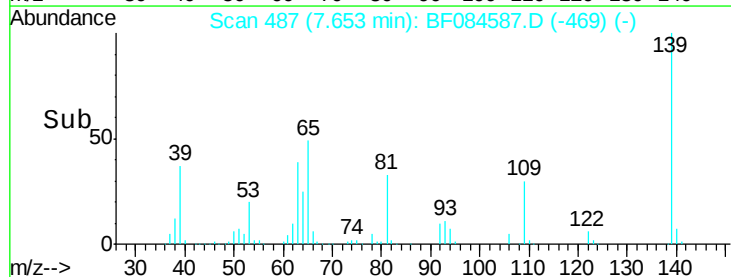
139 100

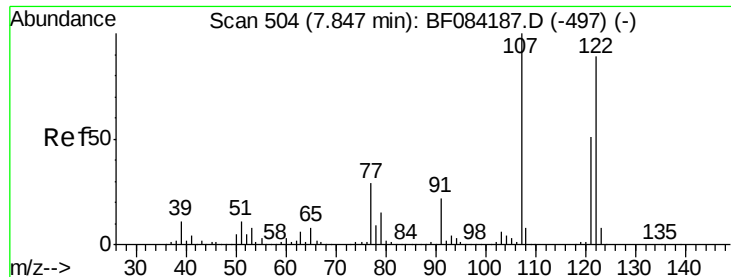
109 29.9 25.4 38.2

65 50.1 32.3 48.5#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.40 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

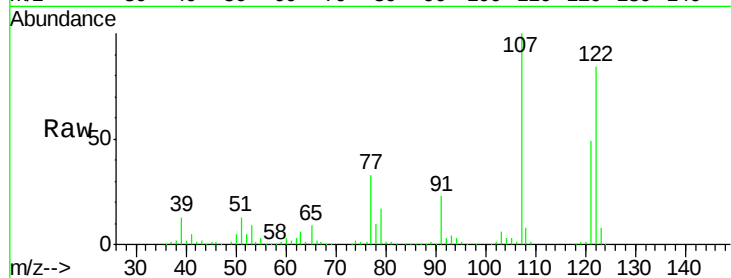
Tgt Ion:122 Resp: 538631

Ion Ratio Lower Upper

122 100

107 118.7 99.1 148.7

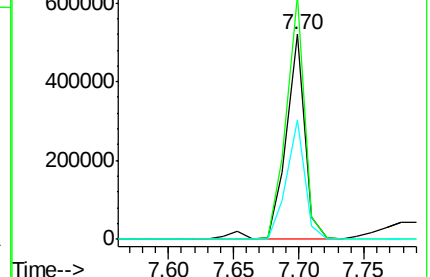
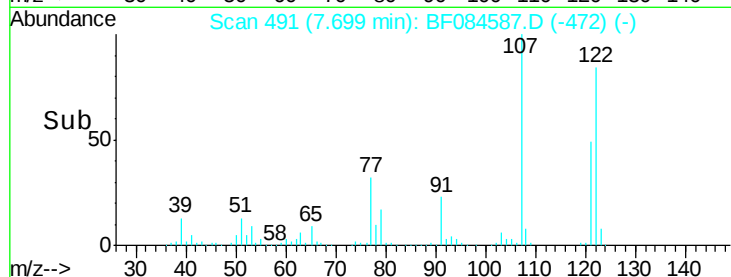
121 58.5 47.9 71.9



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: 36.18 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

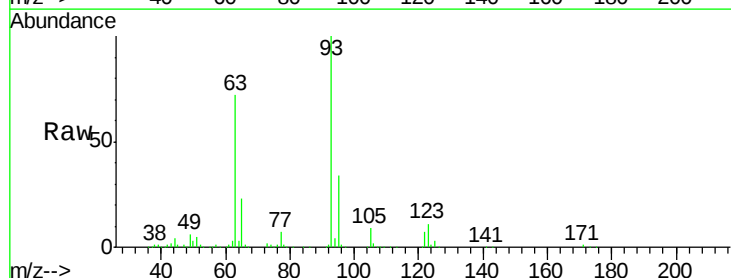
Tgt Ion: 93 Resp: 651537

Ion Ratio Lower Upper

93 100

95 33.5 25.8 38.6

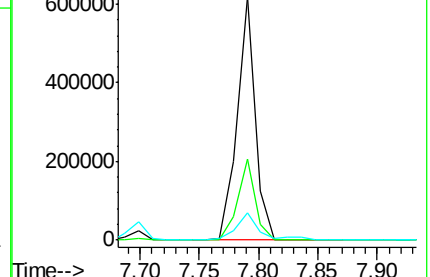
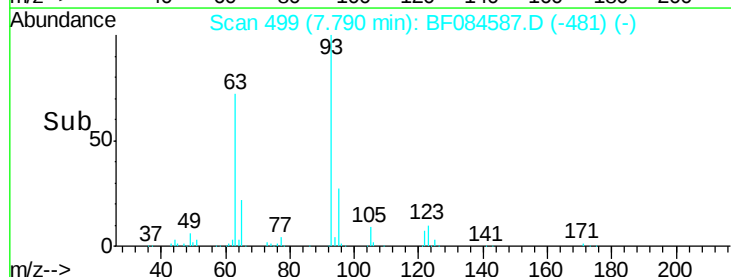
123 11.1 8.6 12.8



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: 37.96 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

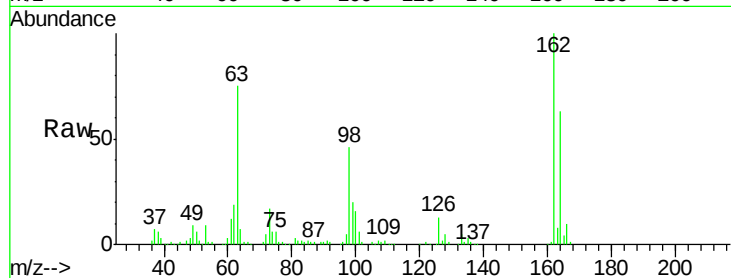
Tgt Ion:162 Resp: 455387

Ion Ratio Lower Upper

162 100

164 63.1 44.1 84.1

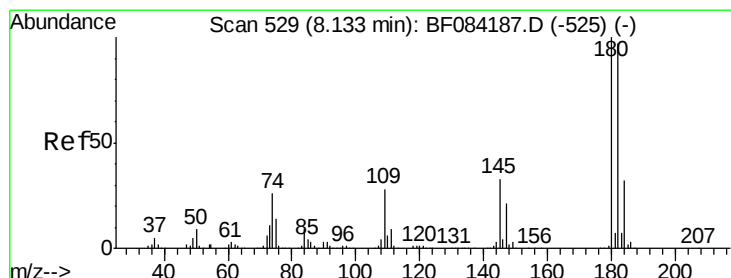
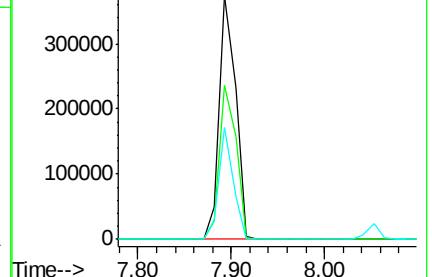
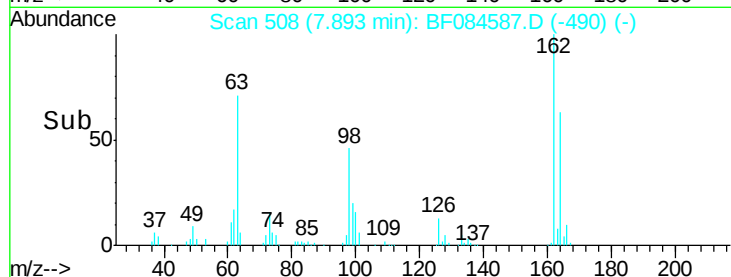
98 46.1 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 37.97 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

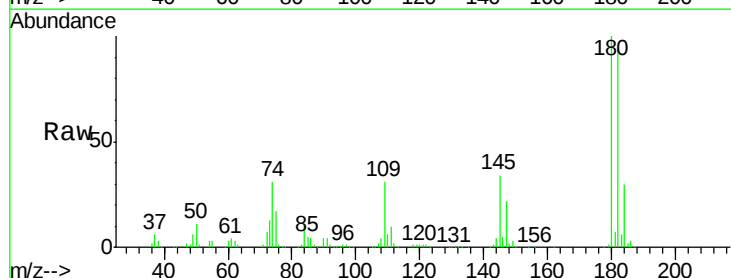
Tgt Ion:180 Resp: 470228

Ion Ratio Lower Upper

180 100

182 94.4 76.4 114.6

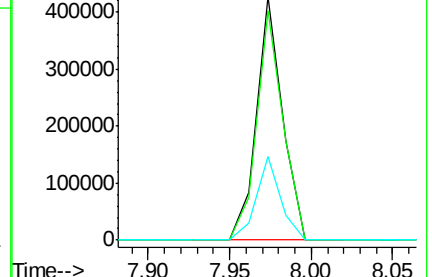
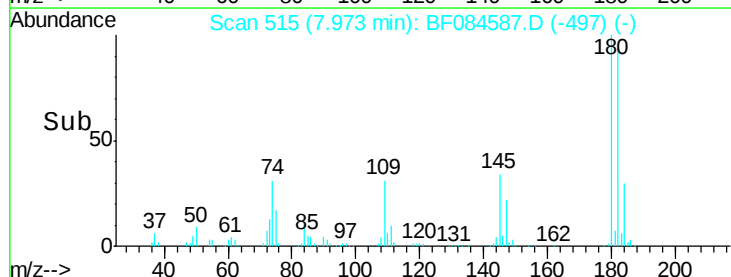
145 34.3 31.6 47.4

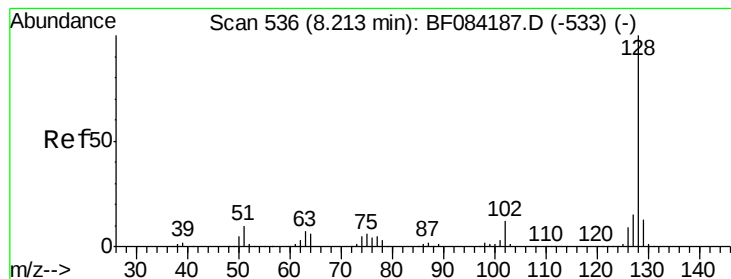


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.55 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

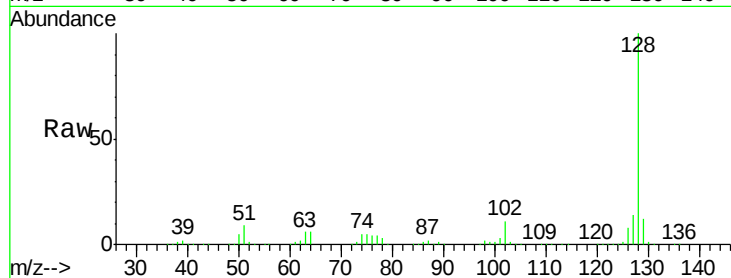
Tgt Ion:128 Resp: 1500326

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

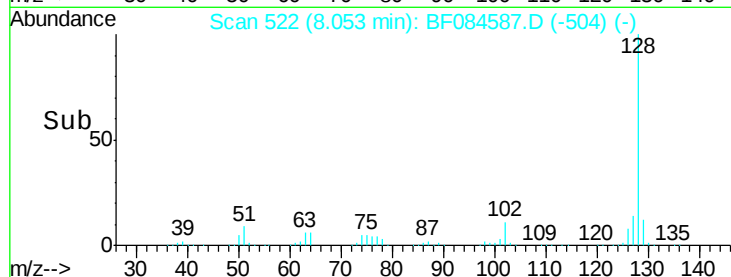
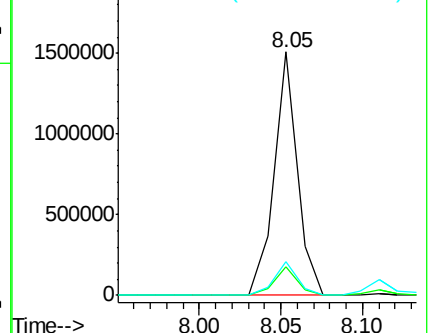
127 13.7 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.97 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.06 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

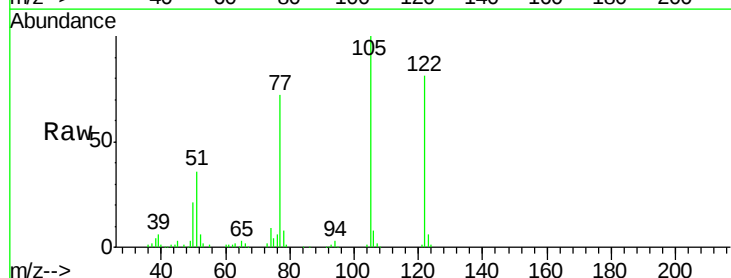
Tgt Ion:122 Resp: 337917

Ion Ratio Lower Upper

122 100

105 122.9 100.3 140.3

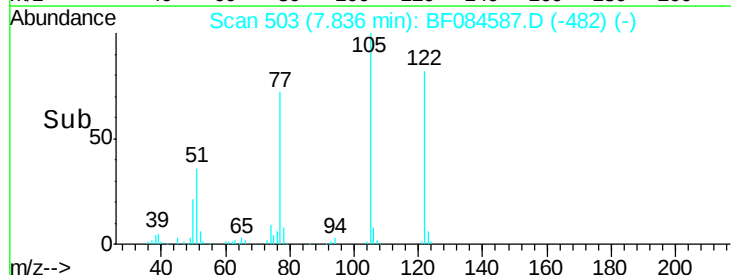
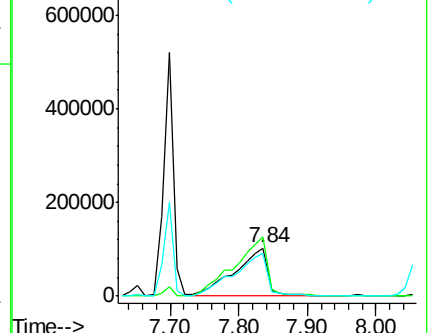
77 88.4 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

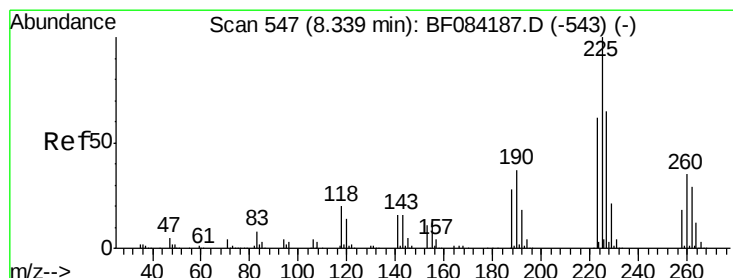
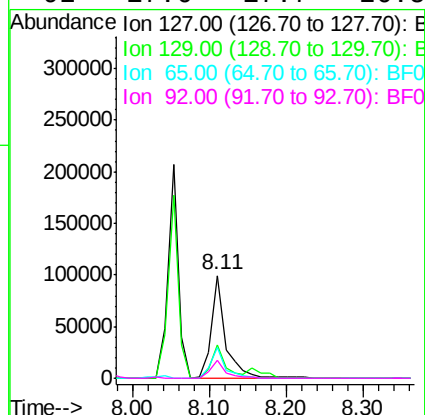
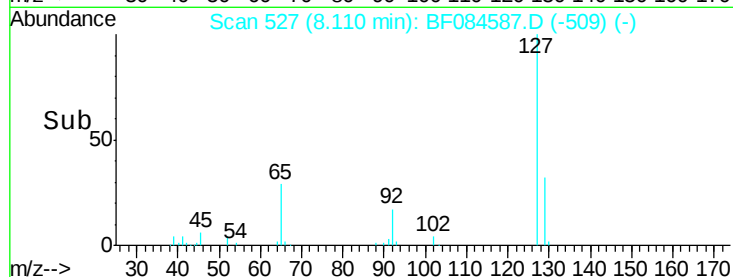
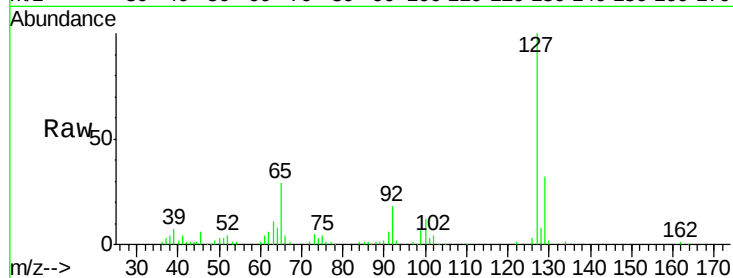




#33
4-Chloroaniline
Concen: 7.12 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.09 min
Lab File: BF084587.D
Acq: 22 Jan 2016 14:13

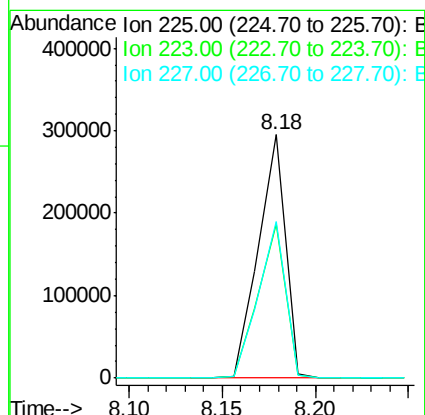
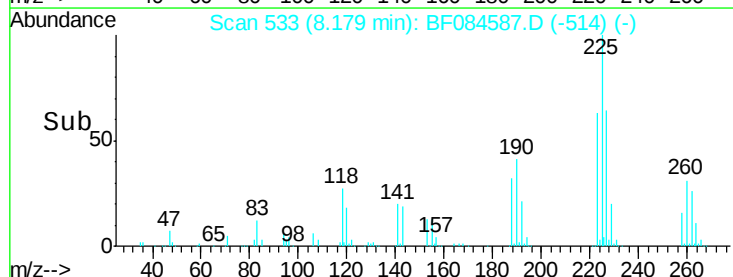
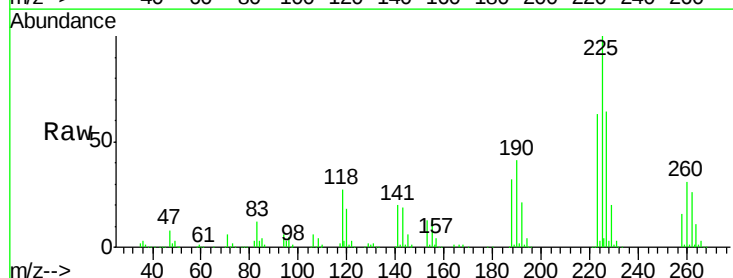
Instrument :
BNA_F
ClientSampleId :
PB87895BSD

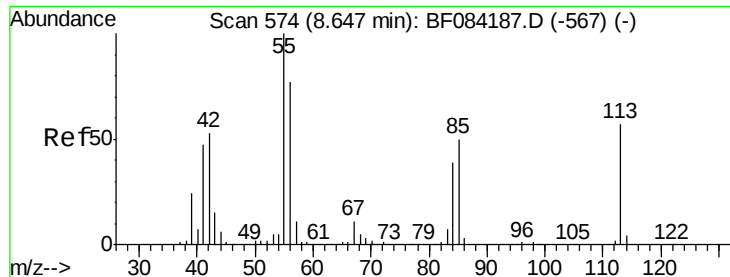
Tgt Ion:	127	Resp:	127065
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.5	39.7
65	29.3	27.2	40.8
92	17.6	17.7	26.5#



#34
Hexachlorobutadiene
Concen: 41.73 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF084587.D
Acq: 22 Jan 2016 14:13

Tgt Ion:	225	Resp:	297131
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.4	74.0
227	64.1	50.8	76.2

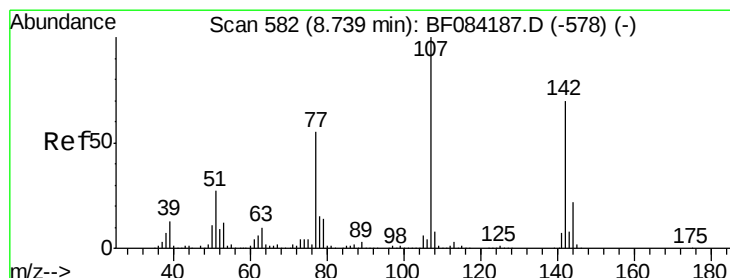
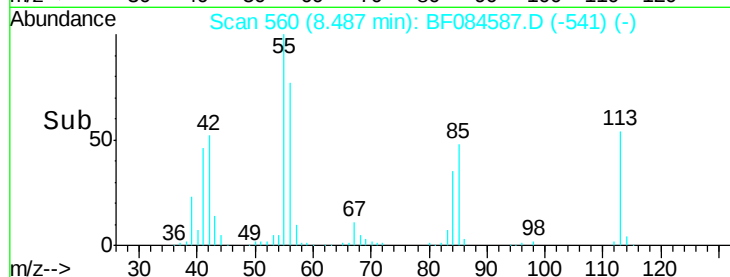
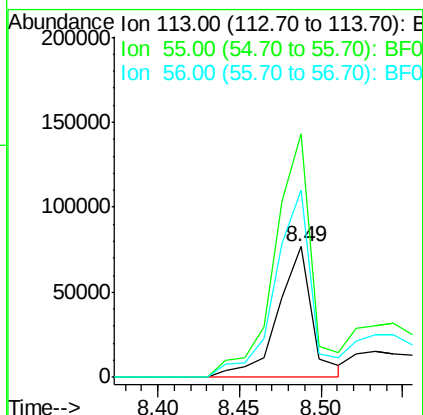
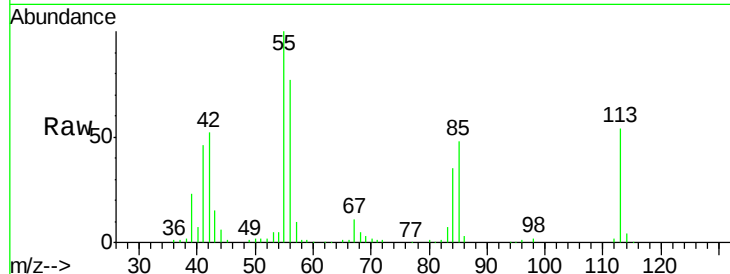




#35
 Caprolactam
 Concen: 27.62 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.08 min
 Lab File: BF084587.D
 Acq: 22 Jan 2016 14:13

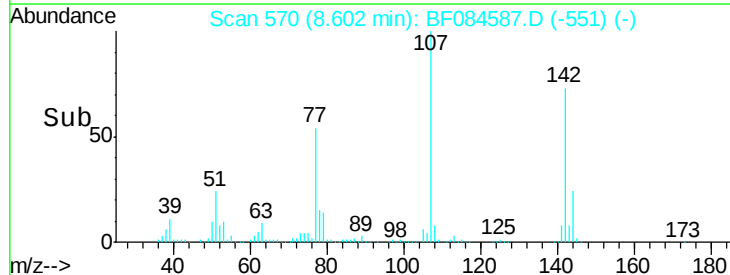
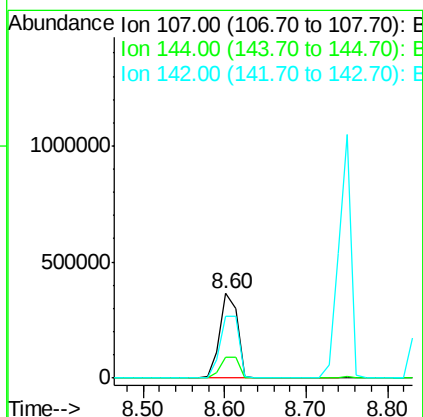
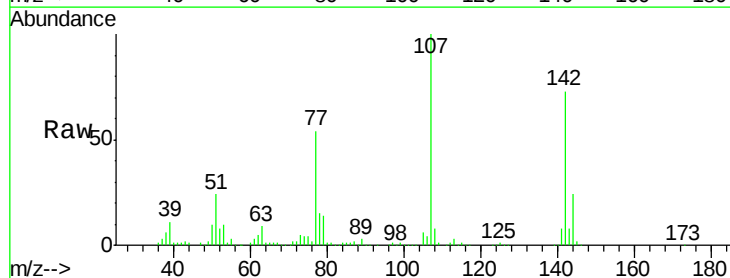
Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

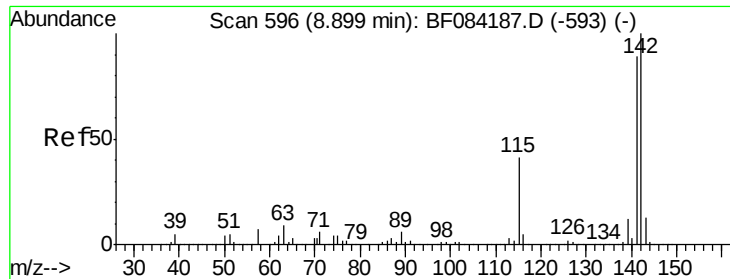
Tgt Ion:113 Resp: 111709
 Ion Ratio Lower Upper
 113 100
 55 186.7 116.9 156.9#
 56 143.8 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.74 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.08 min
 Lab File: BF084587.D
 Acq: 22 Jan 2016 14:13

Tgt Ion:107 Resp: 547431
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.7 29.5
 142 72.8 61.8 92.6

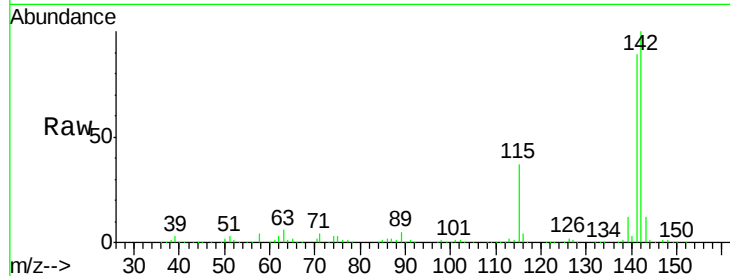




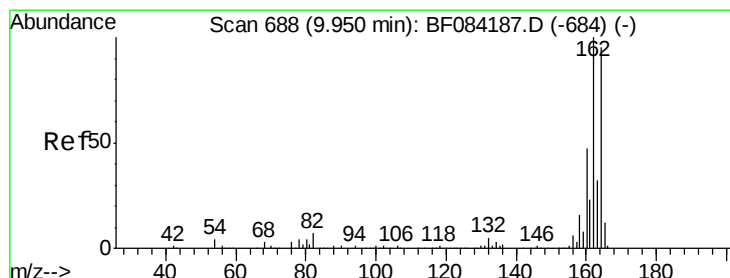
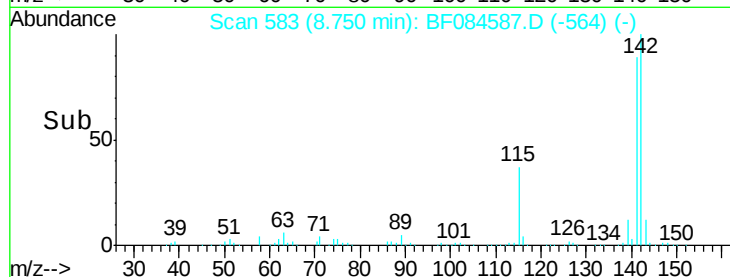
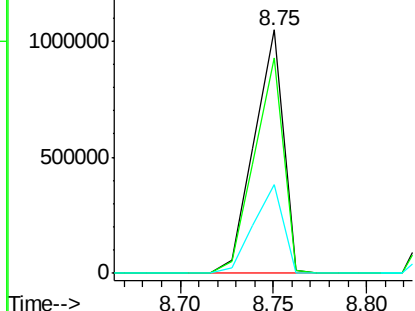
#37
2-Methylnaphthalene
Concen: 40.71 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.08 min
Lab File: BF084587.D
Acq: 22 Jan 2016 14:13

Instrument :
BNA_F
ClientSampleId :
PB87895BSD

Tgt Ion:142 Resp: 1137357
Ion Ratio Lower Upper
142 100
141 88.6 72.4 108.6
115 36.6 27.9 41.9

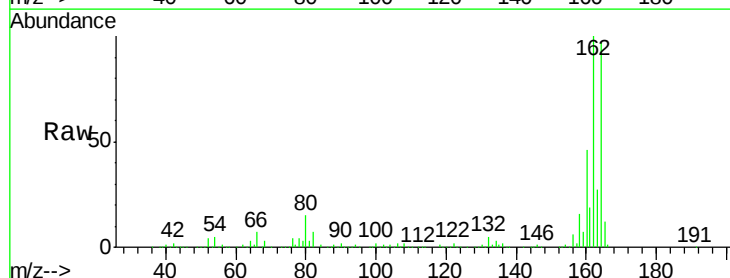


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

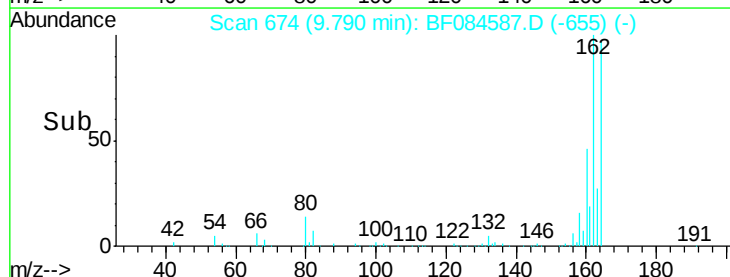
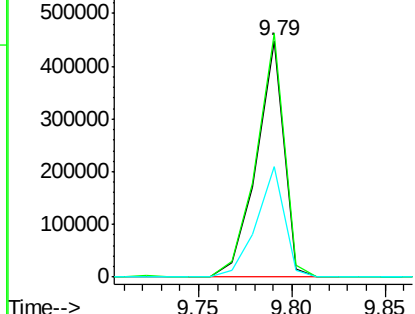


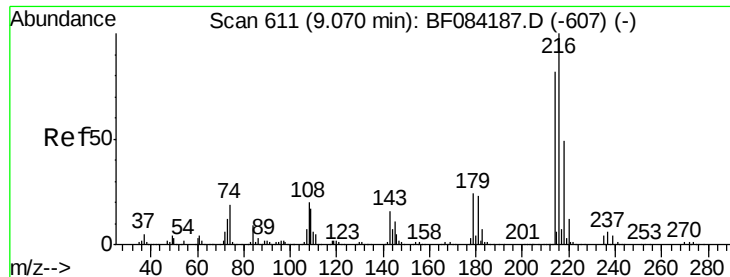
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.08 min
Lab File: BF084587.D
Acq: 22 Jan 2016 14:13

Tgt Ion:164 Resp: 454225
Ion Ratio Lower Upper
164 100
162 103.1 85.1 127.7
160 47.0 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: 32.70 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

Tgt Ion:216 Resp: 427066

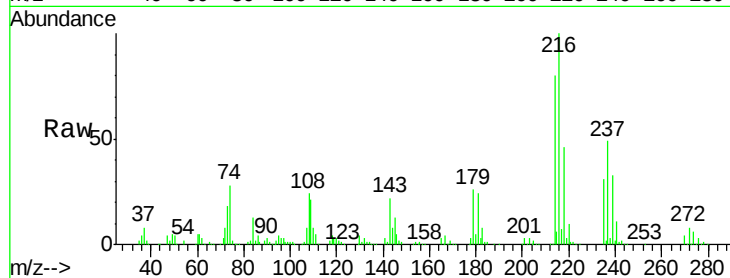
Ion Ratio Lower Upper

216 100

214 79.2 64.2 96.2

179 23.1 18.7 28.1

108 23.6 16.8 25.2

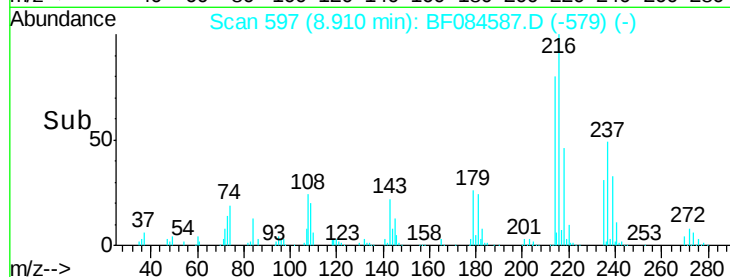


Abundance Ion 216.00 (215.70 to 216.70): E

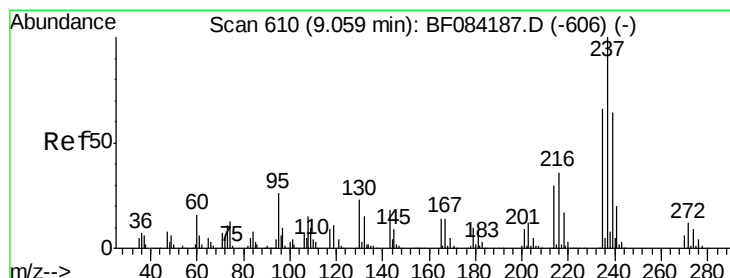
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 59.90 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

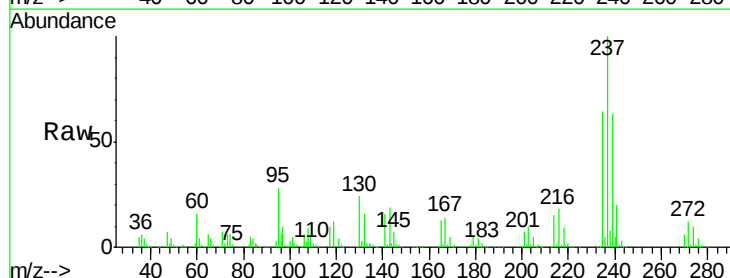
Tgt Ion:237 Resp: 472185

Ion Ratio Lower Upper

237 100

235 64.2 43.1 83.1

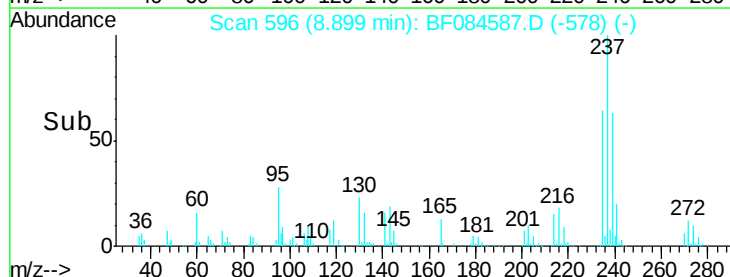
272 12.1 0.0 35.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



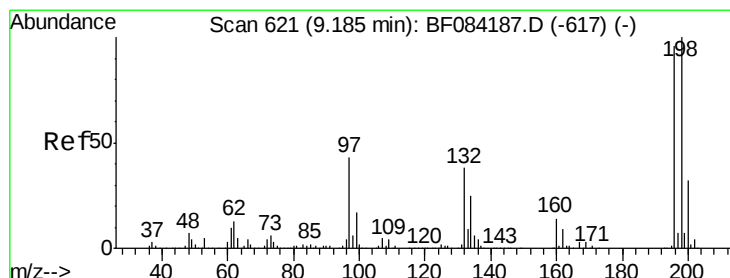
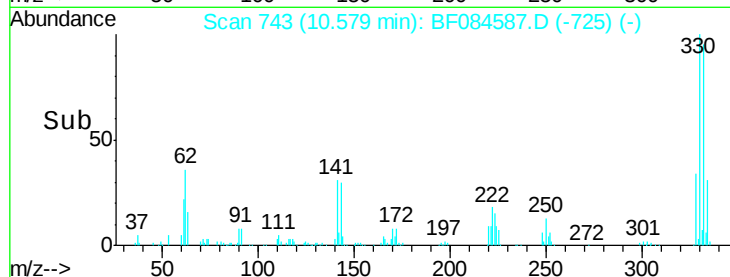
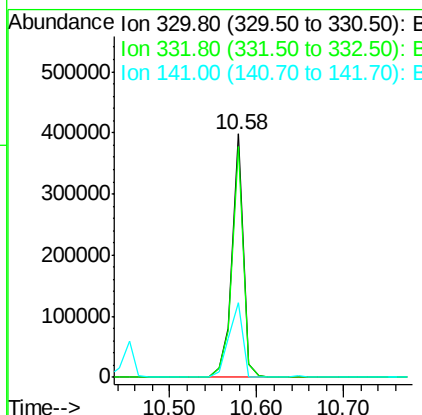
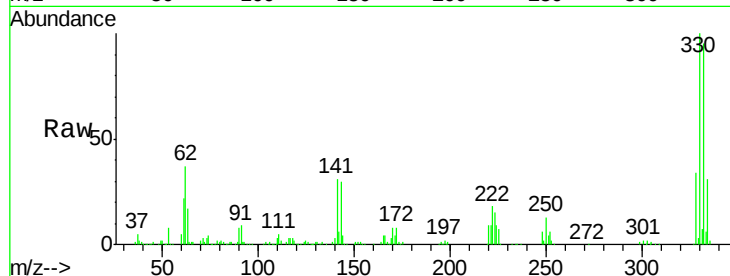
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 77.88 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.09 min
 Lab File: BF084587.D
 Acq: 22 Jan 2016 14:13

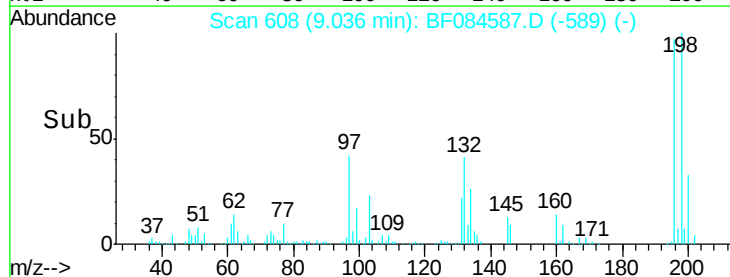
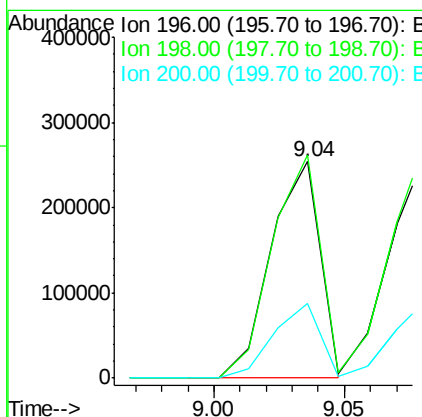
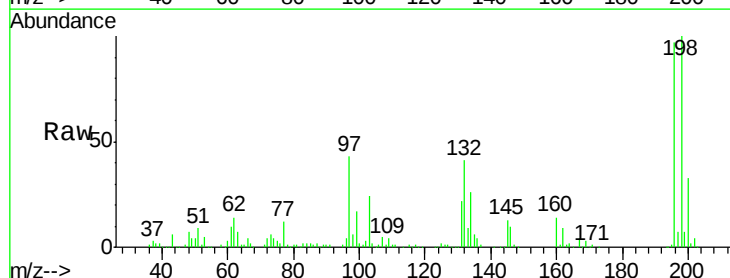
Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

Tgt Ion:330 Resp: 357130
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 38.5 27.8 41.6



#42
 2,4,6-Trichlorophenol
 Concen: 33.93 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.08 min
 Lab File: BF084587.D
 Acq: 22 Jan 2016 14:13

Tgt Ion:196 Resp: 331454
 Ion Ratio Lower Upper
 196 100
 198 103.0 77.7 116.5
 200 34.2 24.6 37.0

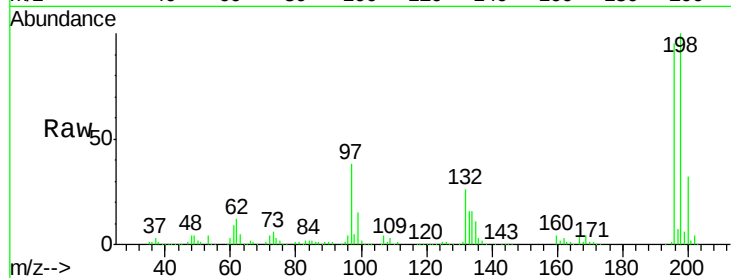




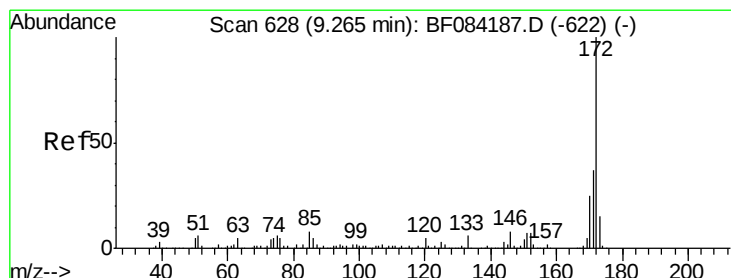
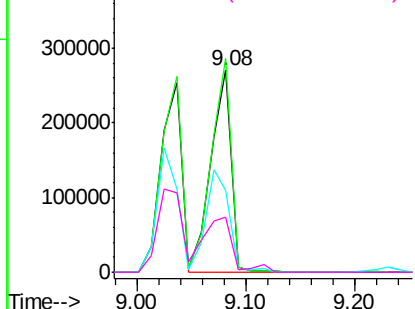
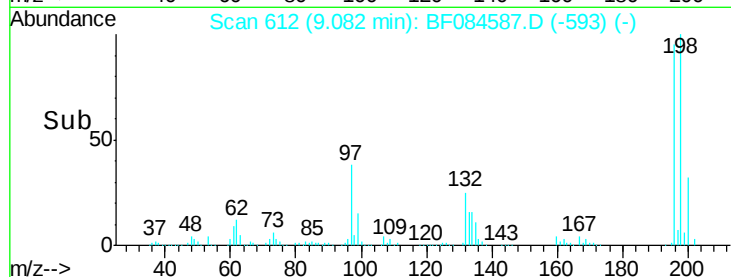
#43
 2,4,5-Trichlorophenol
 Concen: 37.77 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.08 min
 Lab File: BF084587.D
 Acq: 22 Jan 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

Tgt Ion:196 Resp: 353754
 Ion Ratio Lower Upper
 196 100
 198 105.7 79.0 118.6
 97 40.6 33.0 49.6
 132 27.0 21.1 31.7

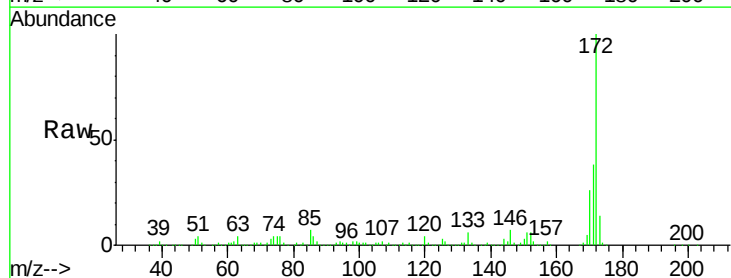


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

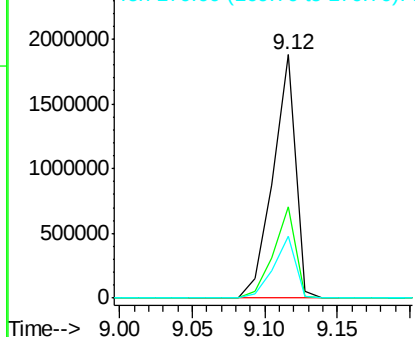
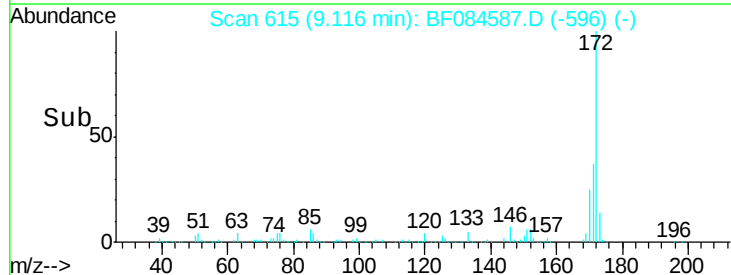


#44
 2-Fluorobiphenyl
 Concen: 78.22 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.08 min
 Lab File: BF084587.D
 Acq: 22 Jan 2016 14:13

Tgt Ion:172 Resp: 2032631
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.9 43.3
 170 25.5 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

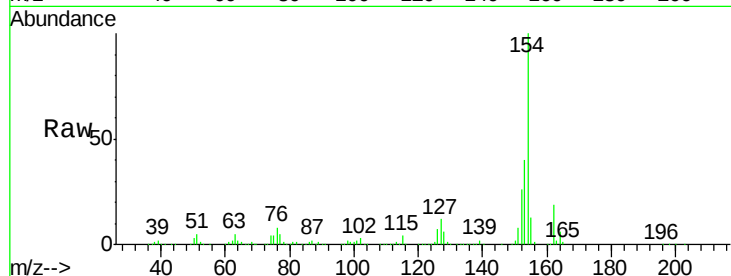




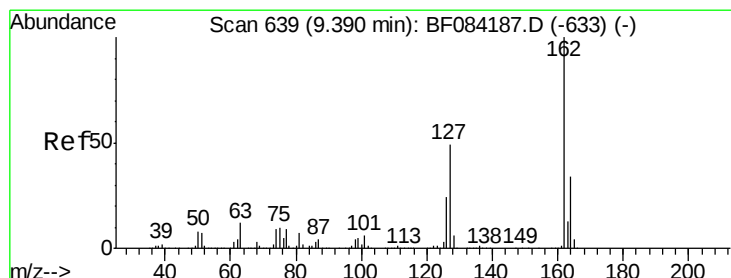
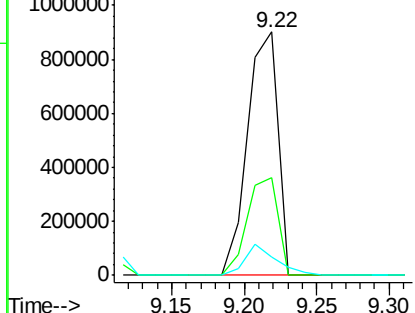
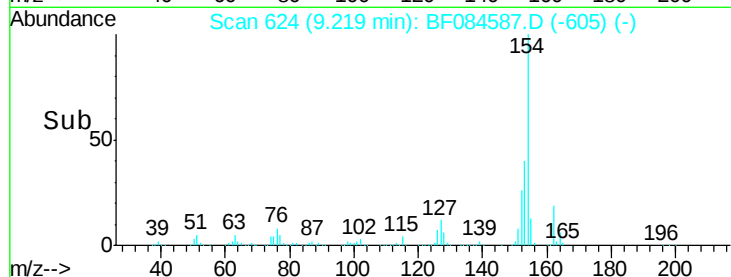
#45
 1,1'-Biphenyl
 Concen: 36.30 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.08 min
 Lab File: BF084587.D
 Acq: 22 Jan 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

Tgt Ion:154 Resp: 1310316
 Ion Ratio Lower Upper
 154 100
 153 40.2 21.6 61.6
 76 7.5 0.0 32.7

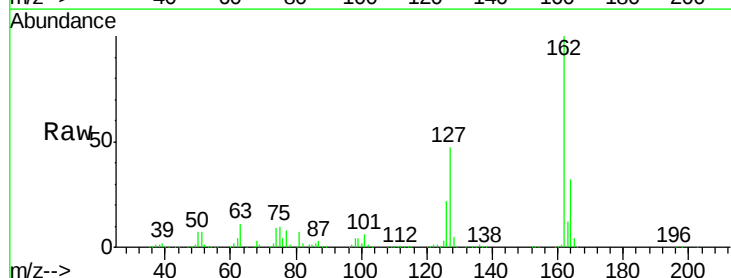


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

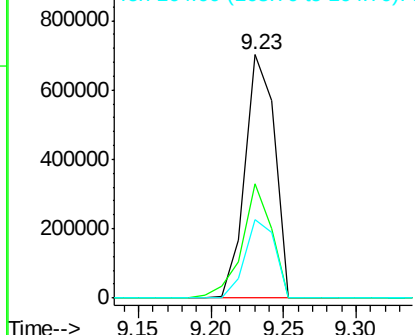
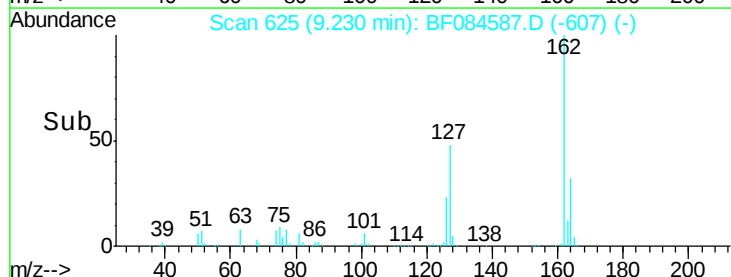


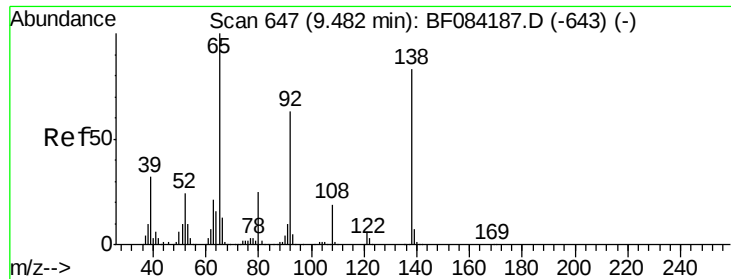
#46
 2-Chloronaphthalene
 Concen: 34.97 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.09 min
 Lab File: BF084587.D
 Acq: 22 Jan 2016 14:13

Tgt Ion:162 Resp: 991536
 Ion Ratio Lower Upper
 162 100
 127 46.8 40.2 60.4
 164 32.0 25.7 38.5



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

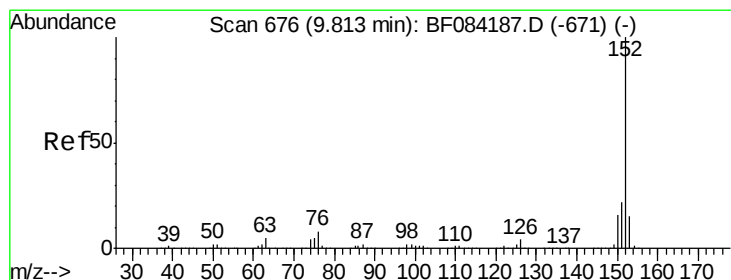
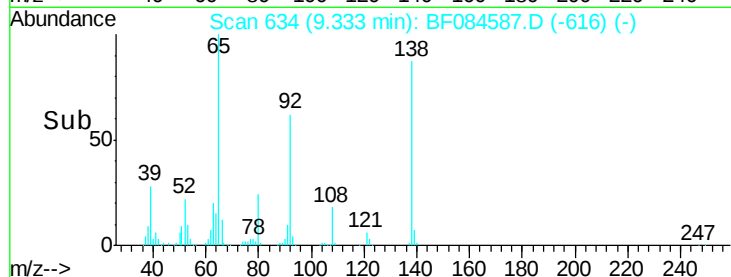
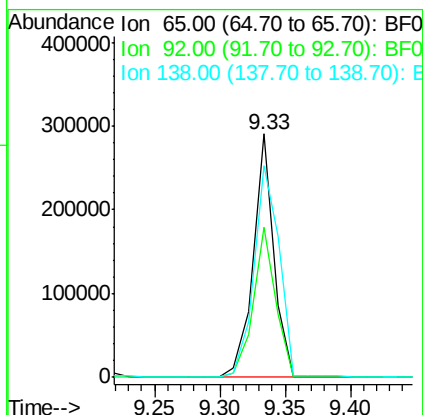
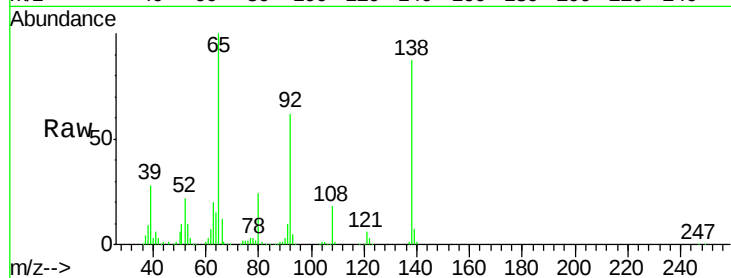




#47
 2-Nitroaniline
 Concen: 34.34 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.09 min
 Lab File: BF084587.D
 Acq: 22 Jan 2016 14:13

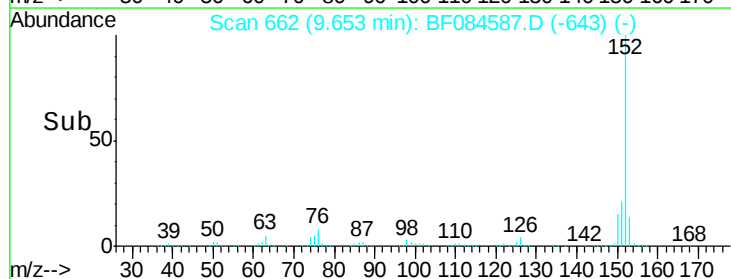
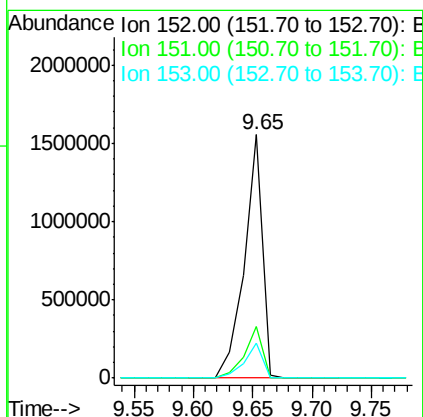
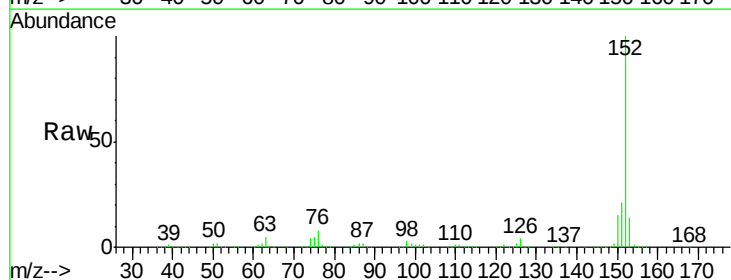
Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

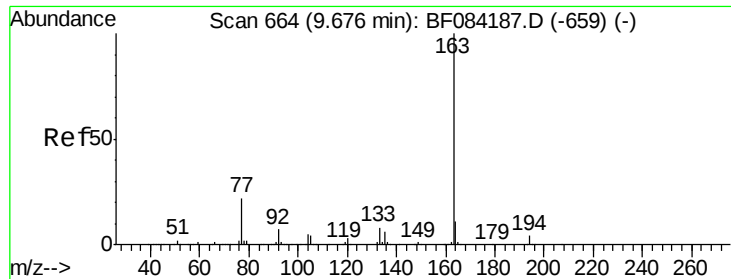
Tgt Ion: 65 Resp: 321411
 Ion Ratio Lower Upper
 65 100
 92 61.9 53.4 80.2
 138 87.1 71.1 106.7



#48
 Acenaphthylene
 Concen: 39.36 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.08 min
 Lab File: BF084587.D
 Acq: 22 Jan 2016 14:13

Tgt Ion: 152 Resp: 1649119
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.3 24.5
 153 14.2 10.4 15.6





#49

Dimethylphthalate

Concen: 38.88 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

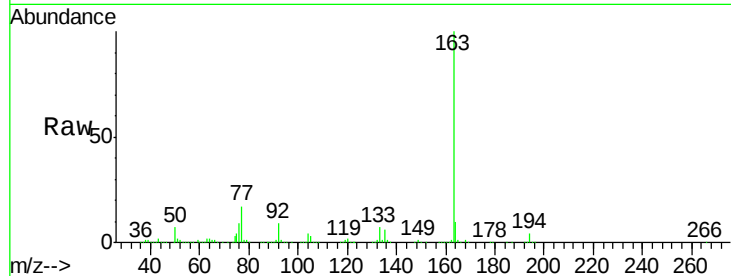
Tgt Ion:163 Resp: 1262458

Ion Ratio Lower Upper

163 100

194 3.6 8.0 12.0#

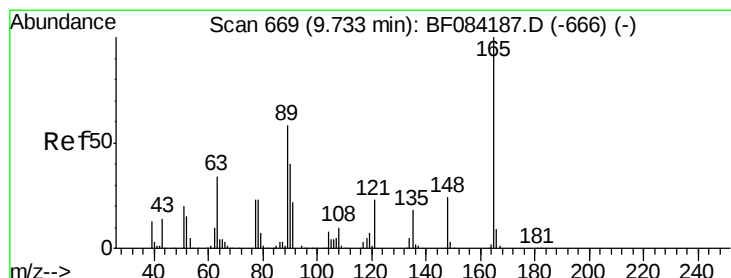
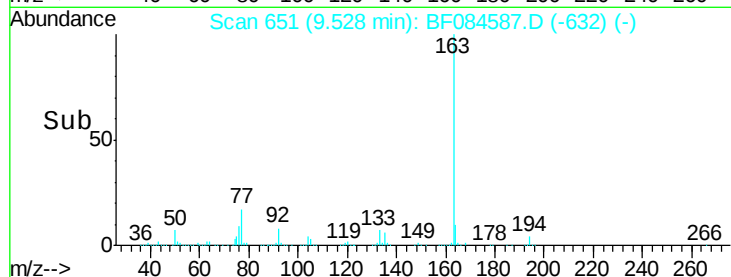
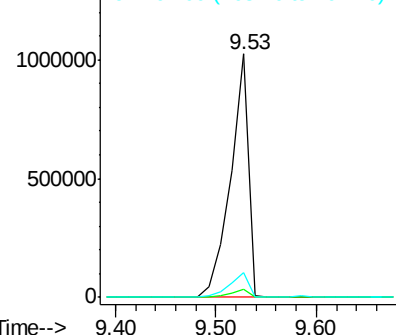
164 10.0 8.0 12.0



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: 41.79 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

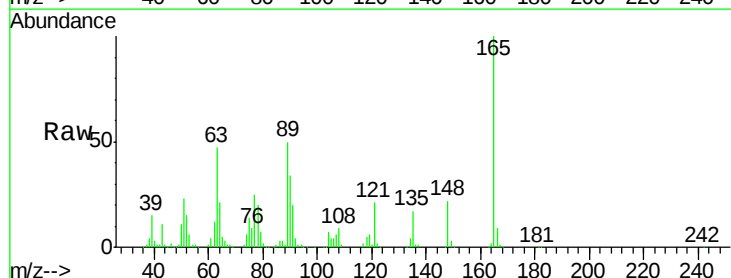
Tgt Ion:165 Resp: 297596

Ion Ratio Lower Upper

165 100

63 46.5 28.8 43.2#

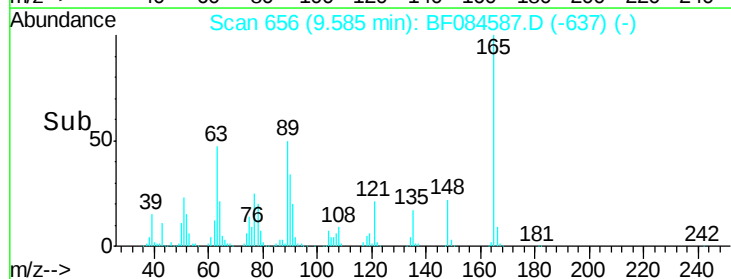
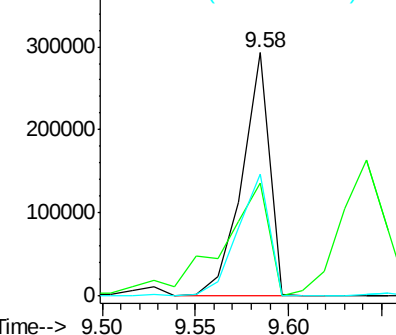
89 50.4 35.1 52.7

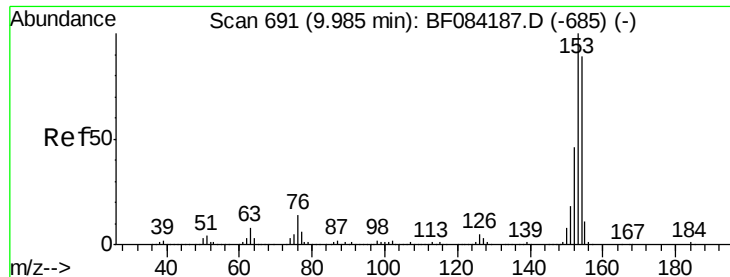


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.99 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

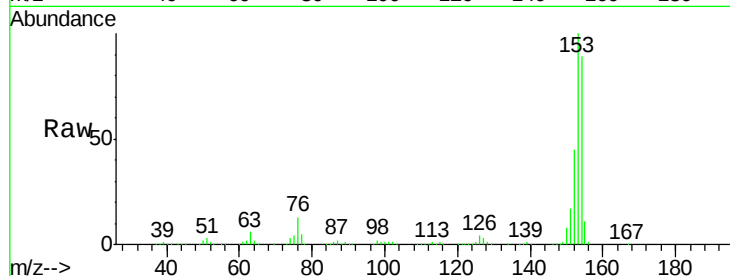
Tgt Ion:154 Resp: 1067598

Ion Ratio Lower Upper

154 100

153 112.8 91.5 137.3

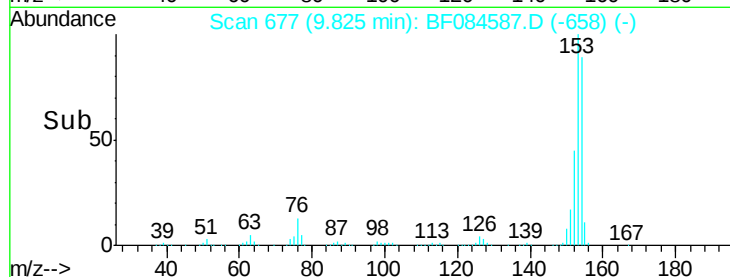
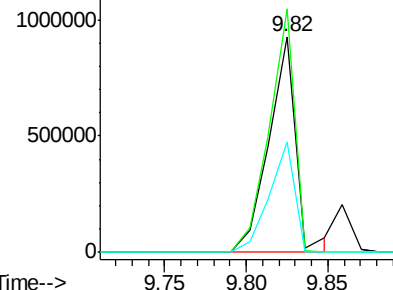
152 51.0 43.0 64.6



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: 11.03 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

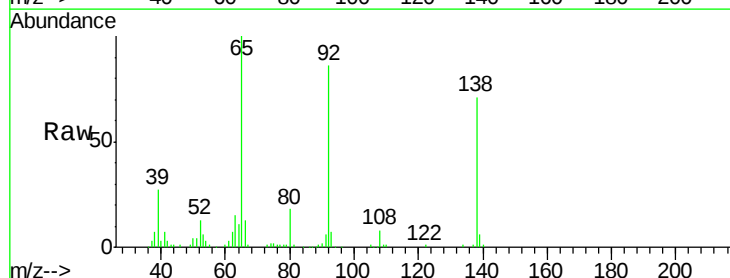
Tgt Ion:138 Resp: 97331

Ion Ratio Lower Upper

138 100

108 11.0 10.5 15.7

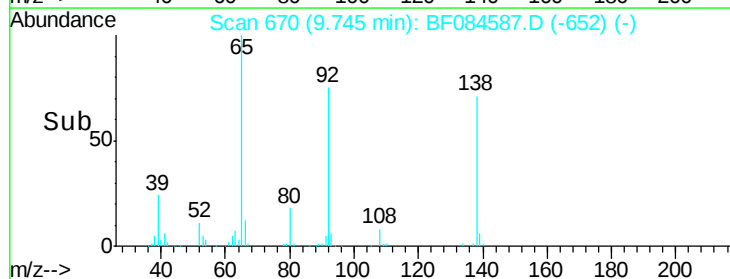
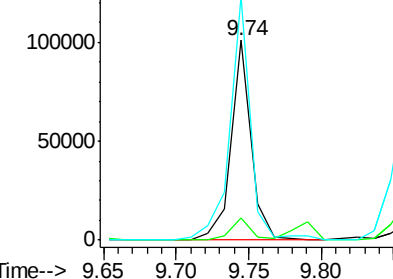
92 122.0 103.9 155.9



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

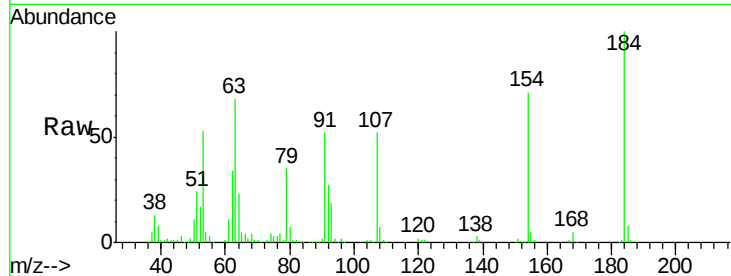




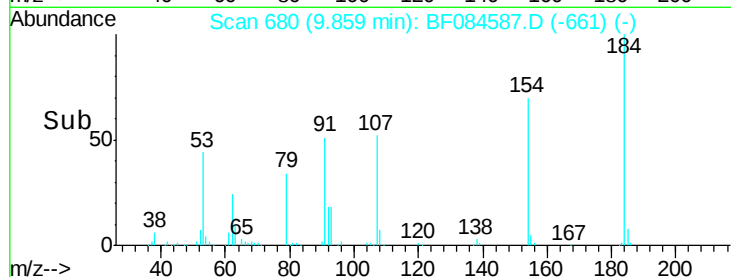
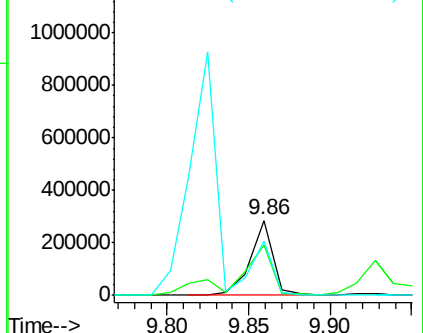
#53
2,4-Dinitrophenol
Concen: 92.87 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.08 min
Lab File: BF084587.D
Acq: 22 Jan 2016 14:13

Instrument :
BNA_F
ClientSampleId :
PB87895BSD

Tgt Ion:184 Resp: 283567
Ion Ratio Lower Upper
184 100
63 67.7 43.1 64.7#
154 71.4 60.5 90.7

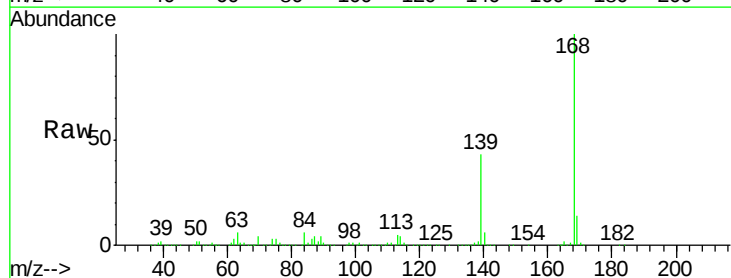


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

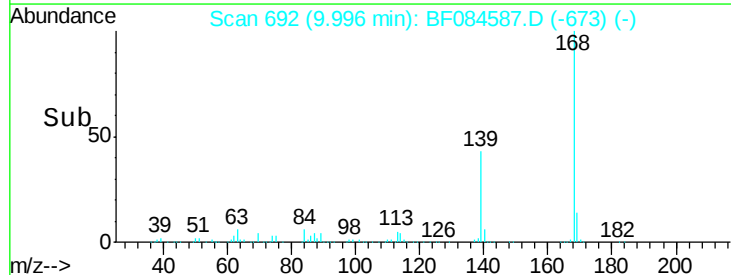
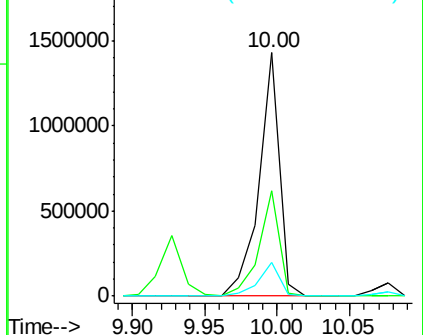


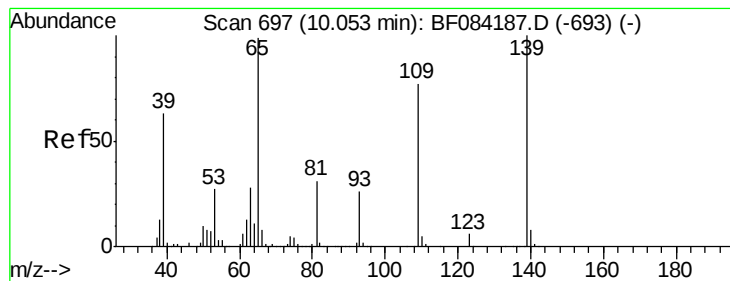
#54
Dibenzofuran
Concen: 37.58 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.08 min
Lab File: BF084587.D
Acq: 22 Jan 2016 14:13

Tgt Ion:168 Resp: 1385714
Ion Ratio Lower Upper
168 100
139 43.4 30.5 45.7
169 14.1 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: 60.93 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

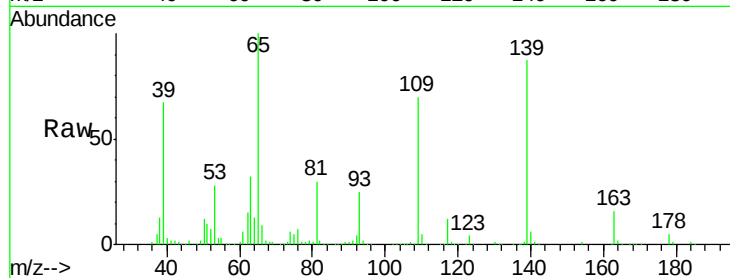
Tgt Ion:139 Resp: 390320

Ion Ratio Lower Upper

139 100

109 81.0 58.5 98.5

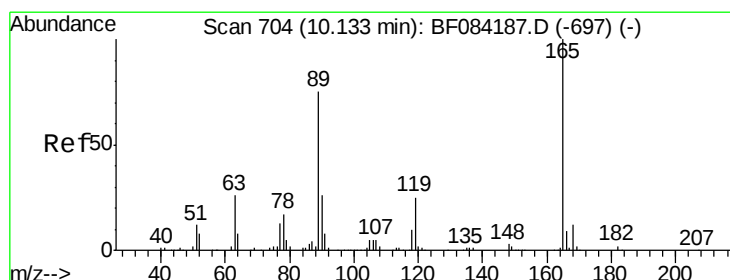
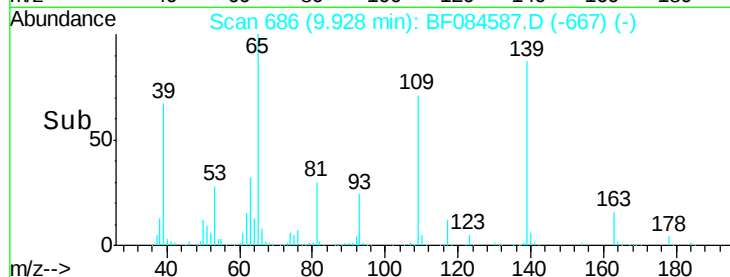
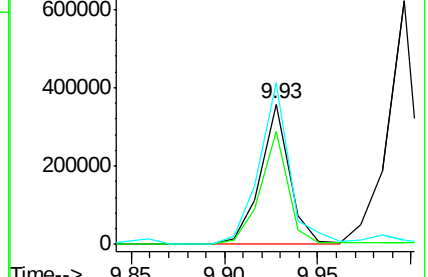
65 115.3 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.40 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Tgt Ion:165 Resp: 337096

Ion Ratio Lower Upper

165 100

63 61.8 36.7 55.1#

89 88.7 61.9 92.9

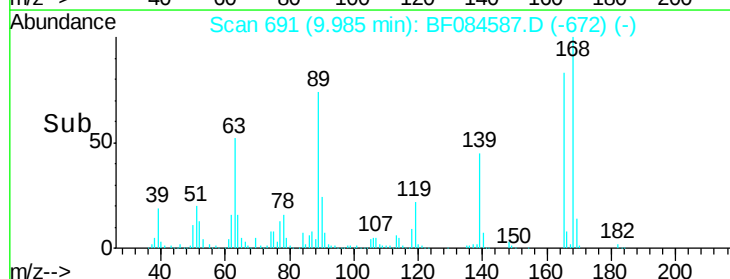
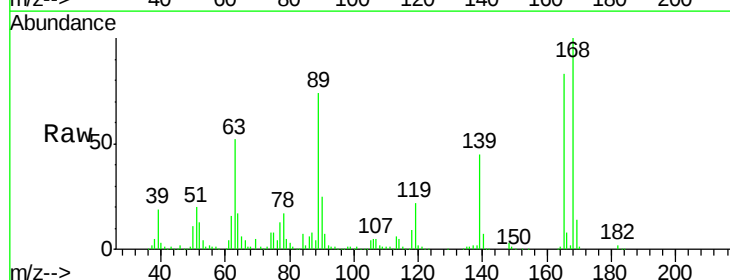
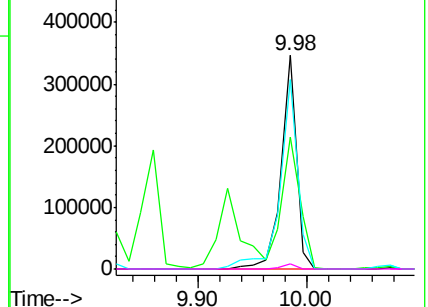
182 2.2 2.0 3.0

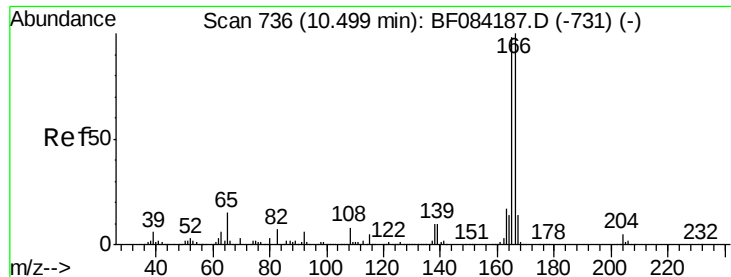
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.00 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

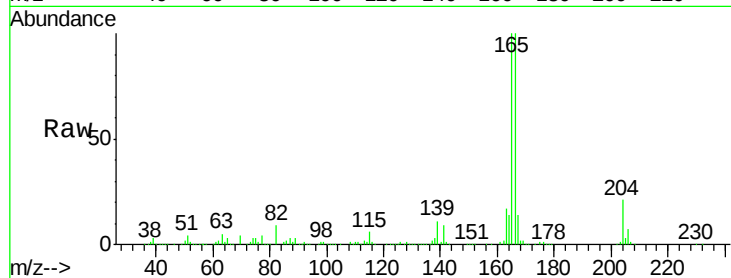
Tgt Ion:166 Resp: 1133160

Ion Ratio Lower Upper

166 100

165 100.4 79.1 118.7

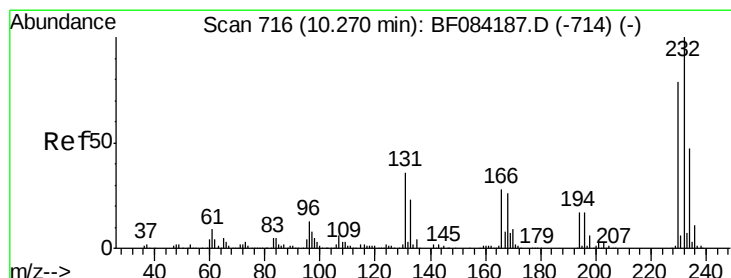
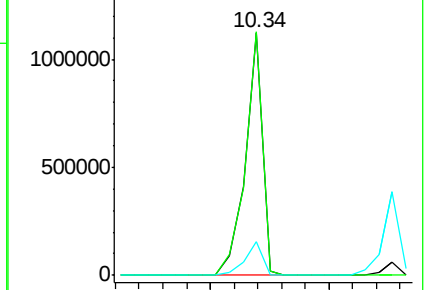
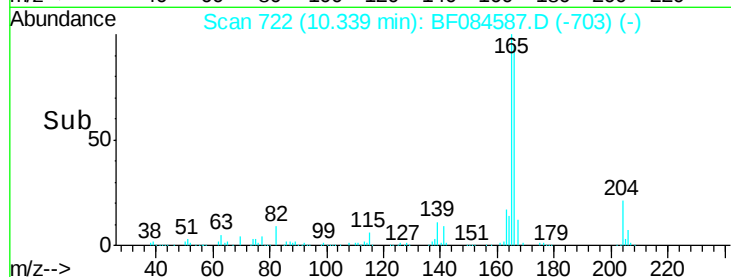
167 13.8 10.4 15.6



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: 34.74 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Tgt Ion:232 Resp: 277780

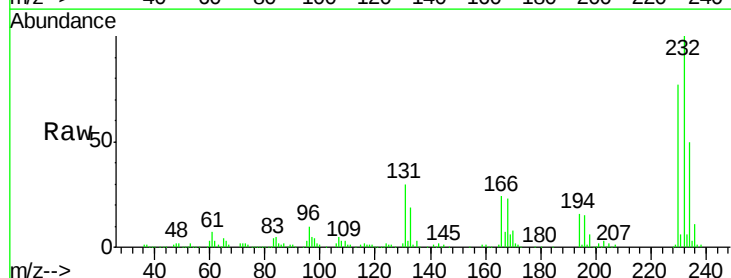
Ion Ratio Lower Upper

232 100

131 50.7 47.0 70.6

130 2.7 2.0 3.0

166 32.2 30.5 45.7

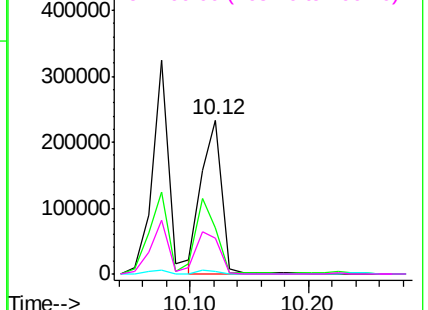
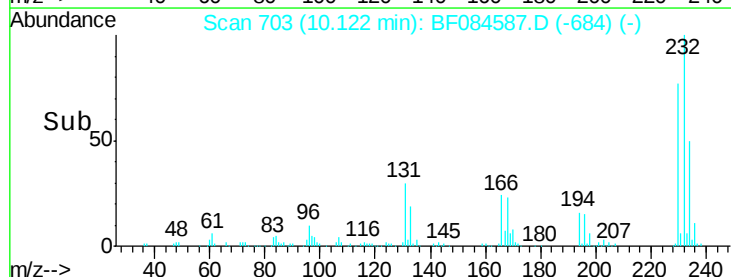


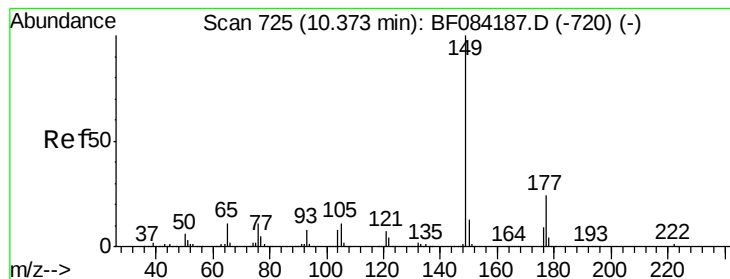
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.32 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

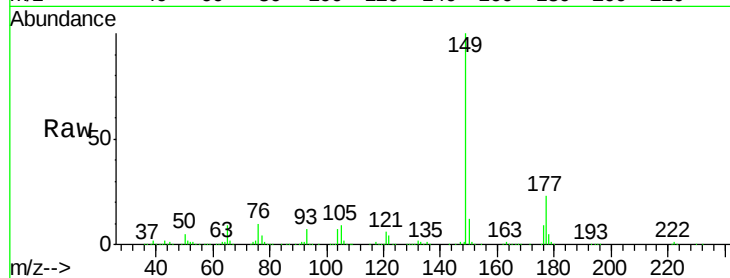
Tgt Ion:149 Resp: 1258957

Ion Ratio Lower Upper

149 100

177 23.3 17.3 25.9

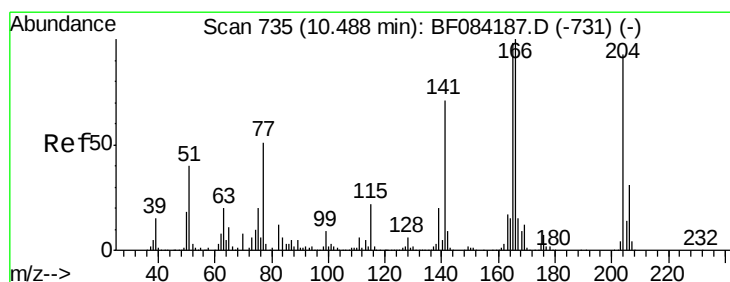
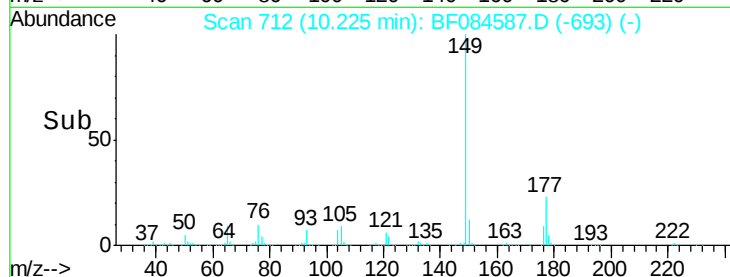
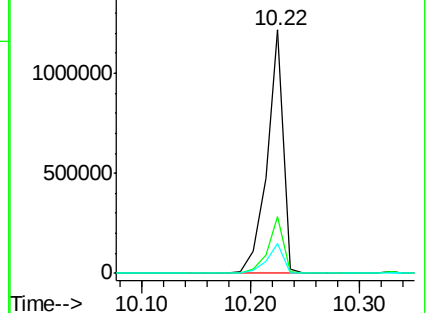
150 12.4 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.54 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

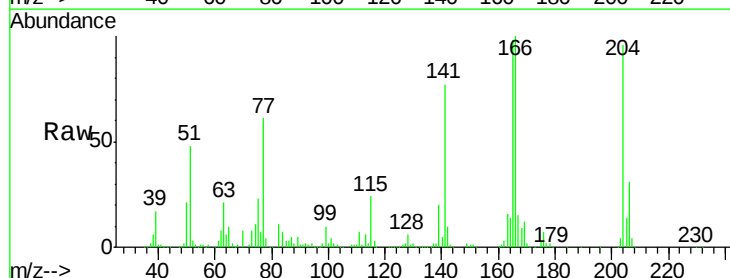
Tgt Ion:204 Resp: 471095

Ion Ratio Lower Upper

204 100

206 32.3 25.7 38.5

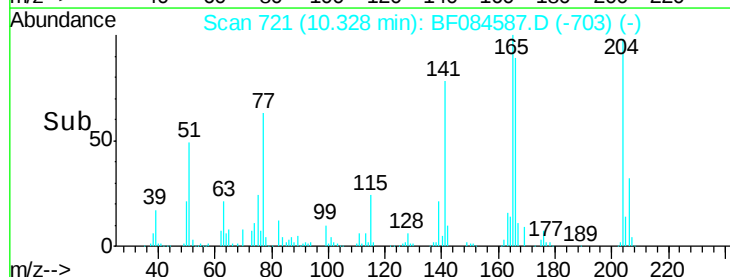
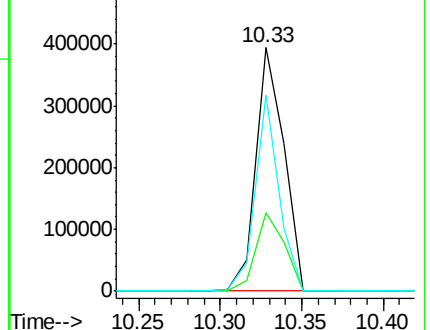
141 80.4 55.1 82.7

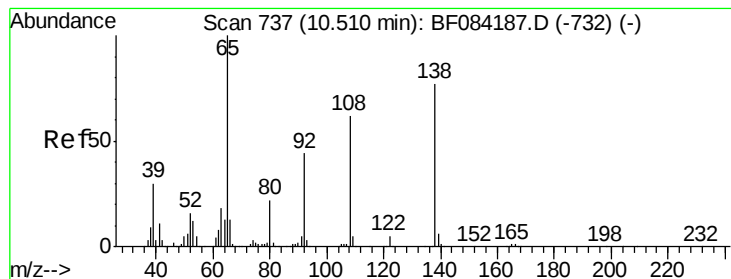


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 30.99 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

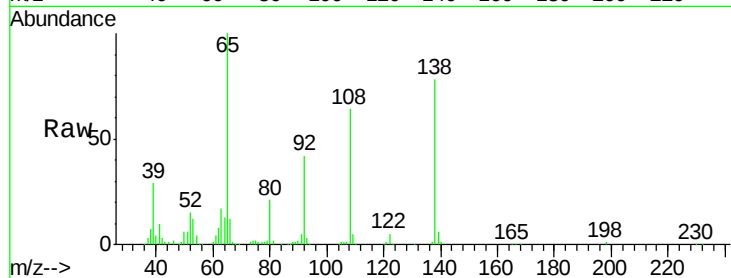
Tgt Ion:138 Resp: 243829

Ion Ratio Lower Upper

138 100

92 54.5 32.6 72.6

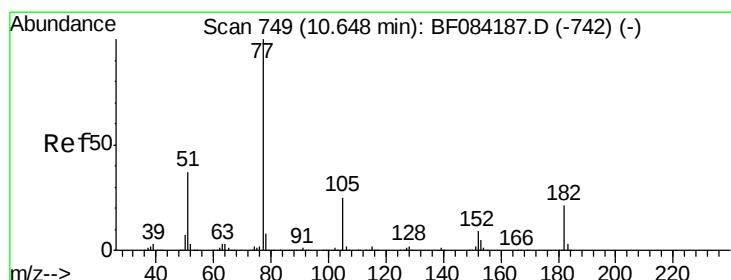
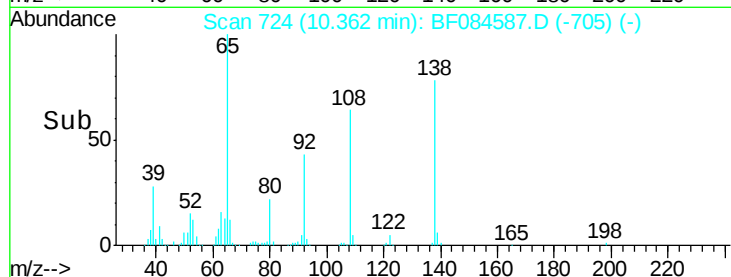
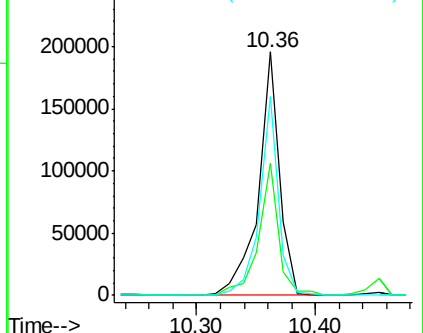
108 81.8 68.6 108.6



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: 34.15 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Tgt Ion: 77 Resp: 1199085

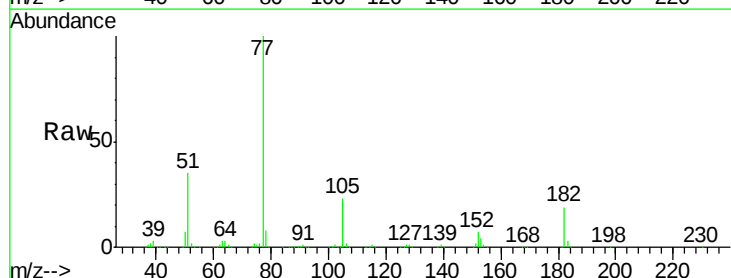
Ion Ratio Lower Upper

77 100

182 18.8 8.3 48.3

105 22.9 4.6 44.6

51 35.2 6.2 46.2

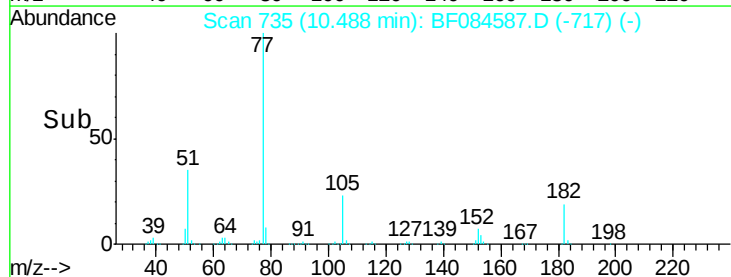
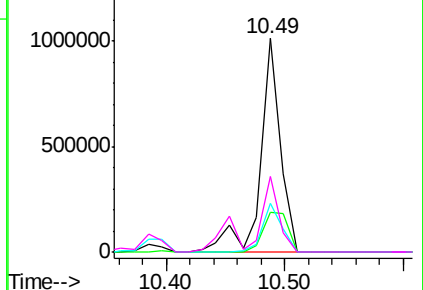


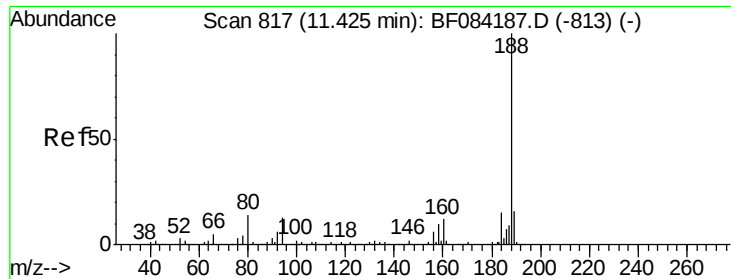
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.26 min Scan# 803

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

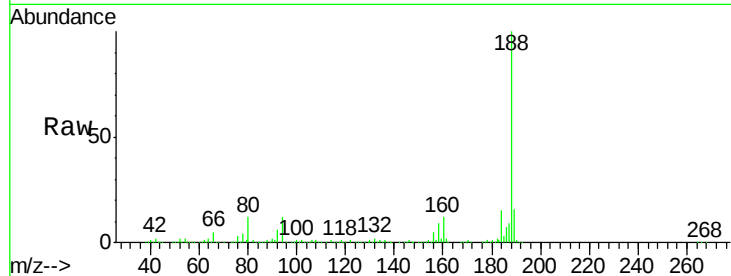
Tgt Ion:188 Resp: 820896

Ion Ratio Lower Upper

188 100

94 11.6 9.0 13.4

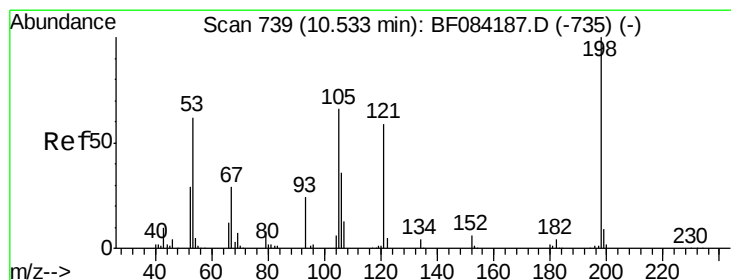
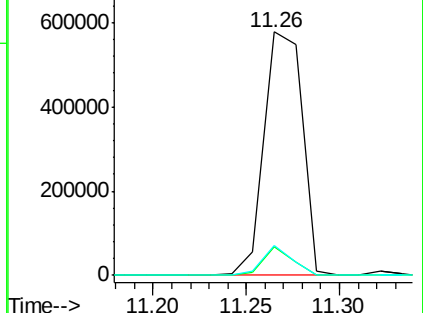
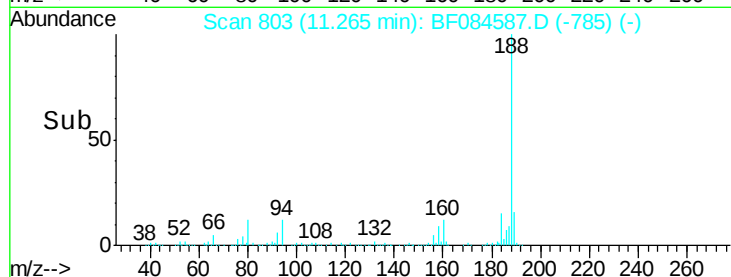
80 12.4 9.6 14.4



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: 40.93 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

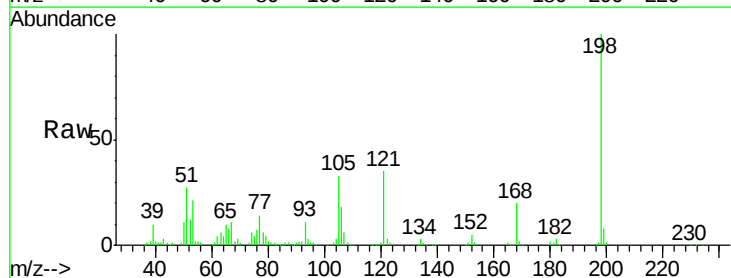
Tgt Ion:198 Resp: 205219

Ion Ratio Lower Upper

198 100

51 27.3 18.9 58.9

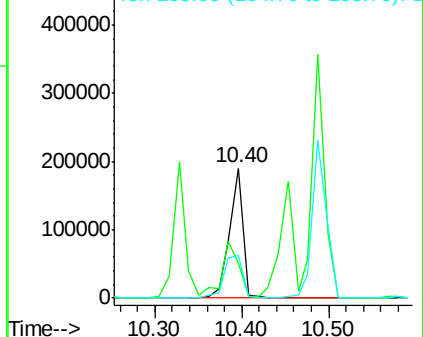
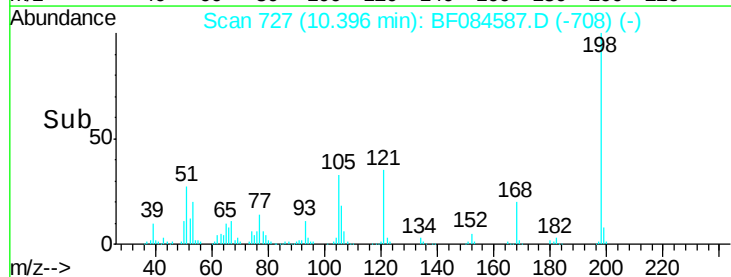
105 32.8 26.4 66.4

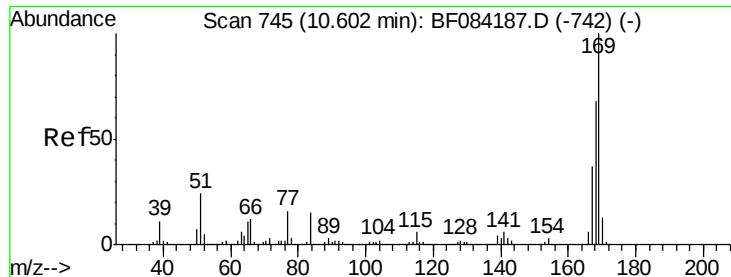


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.25 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

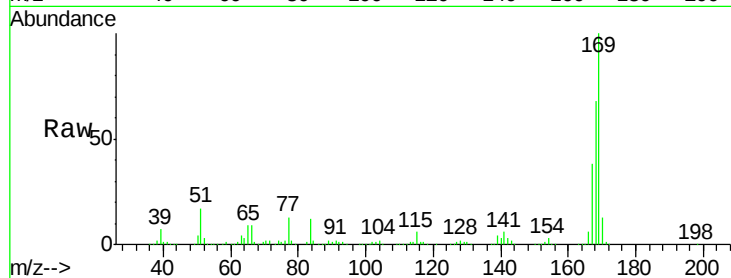
Tgt Ion:169 Resp: 977794

Ion Ratio Lower Upper

169 100

168 68.4 55.1 82.7

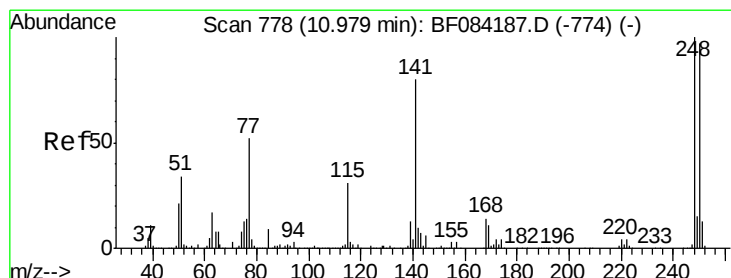
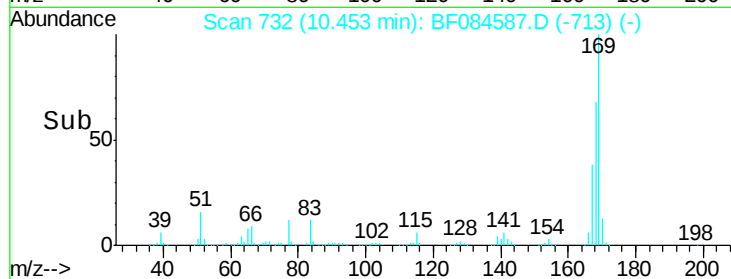
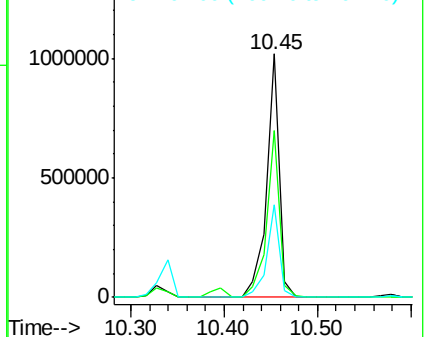
167 38.1 30.0 45.0



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: 35.98 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

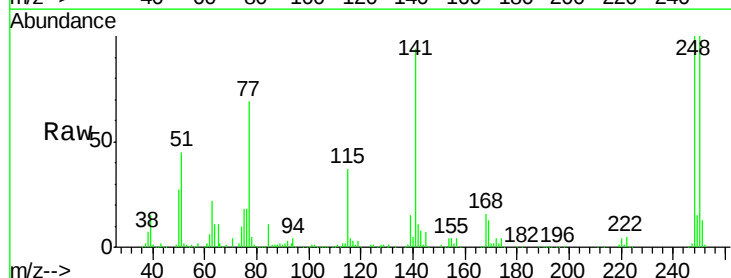
Tgt Ion:248 Resp: 317914

Ion Ratio Lower Upper

248 100

250 99.6 78.4 117.6

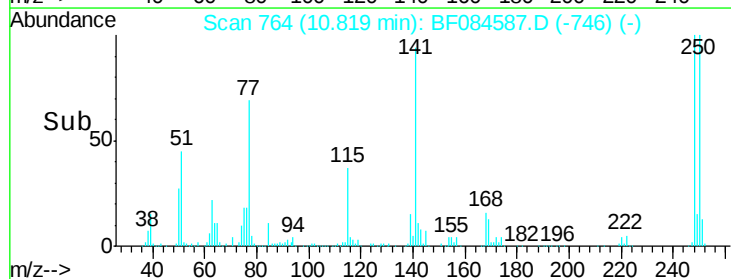
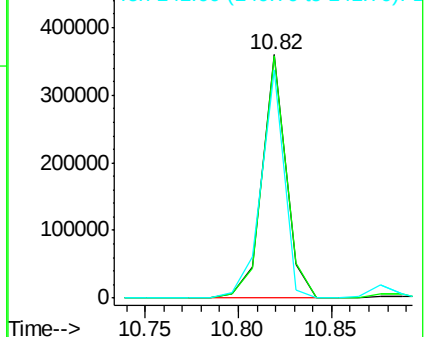
141 93.7 44.0 66.0#

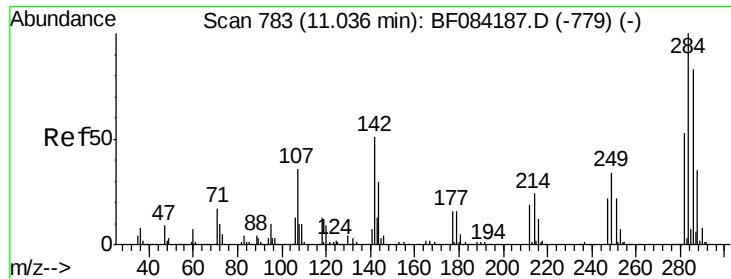


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

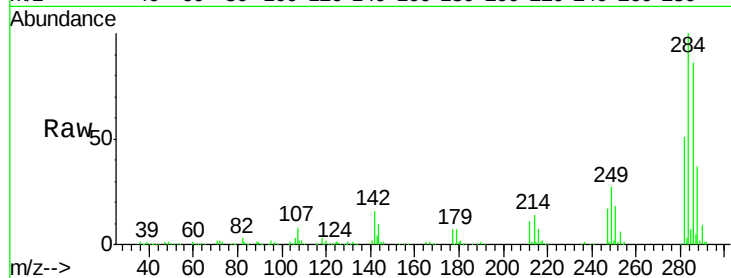




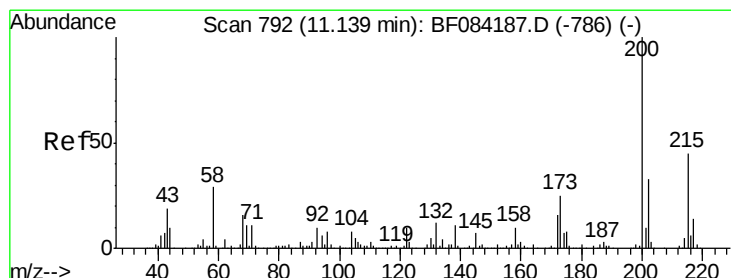
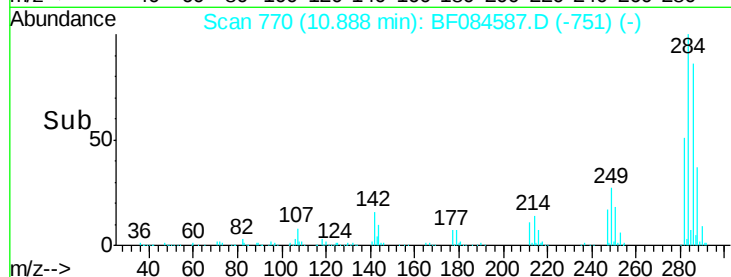
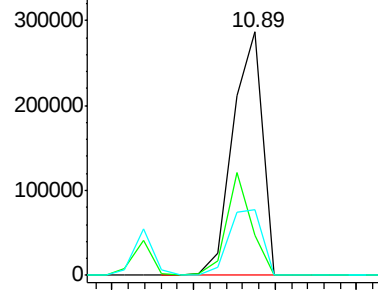
#67
Hexachlorobenzene
Concen: 36.45 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.08 min
Lab File: BF084587.D
Acq: 22 Jan 2016 14:13

Instrument :
BNA_F
ClientSampleId :
PB87895BSD

Tgt Ion:284 Resp: 362463
Ion Ratio Lower Upper
284 100
142 16.5 22.2 33.4#
249 27.1 24.6 37.0

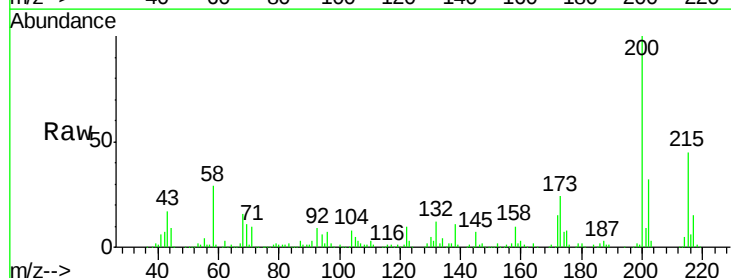


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

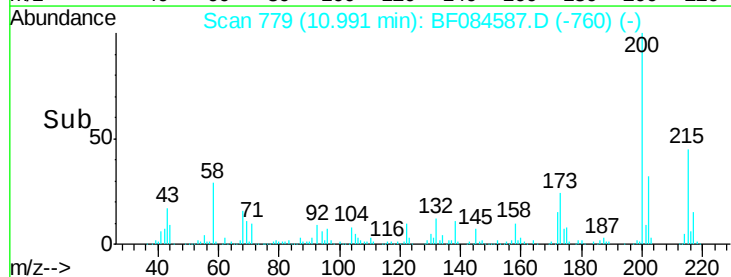
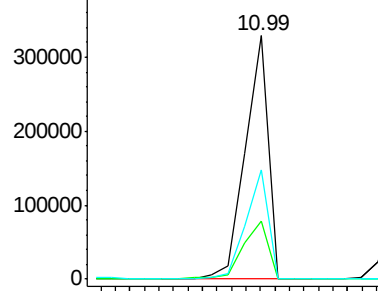


#68
Atrazine
Concen: 41.95 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.08 min
Lab File: BF084587.D
Acq: 22 Jan 2016 14:13

Tgt Ion:200 Resp: 360323
Ion Ratio Lower Upper
200 100
173 23.7 9.5 49.5
215 45.1 23.8 63.8



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





#69

Pentachlorophenol

Concen: 71.34 ng

RT: 11.08 min Scan# 787

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

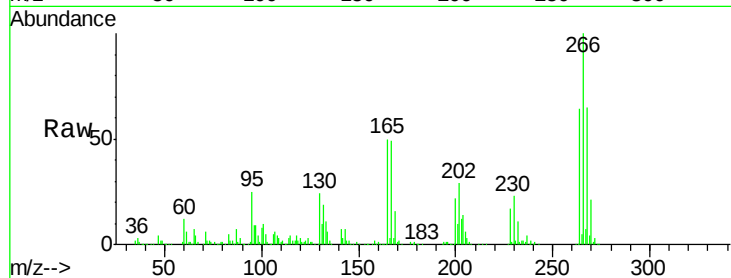
Tgt Ion:266 Resp: 367868

Ion Ratio Lower Upper

266 100

268 64.8 52.4 78.6

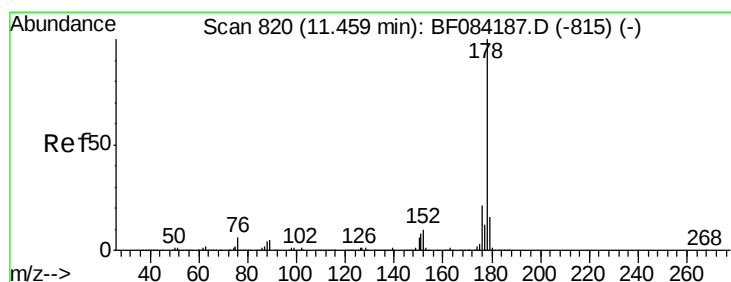
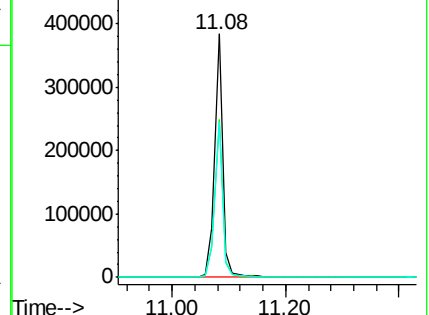
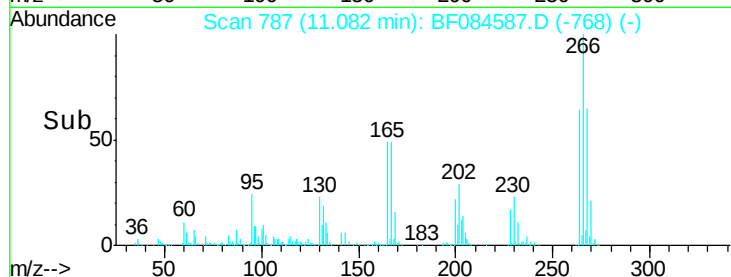
264 63.8 50.2 75.2



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: 41.18 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

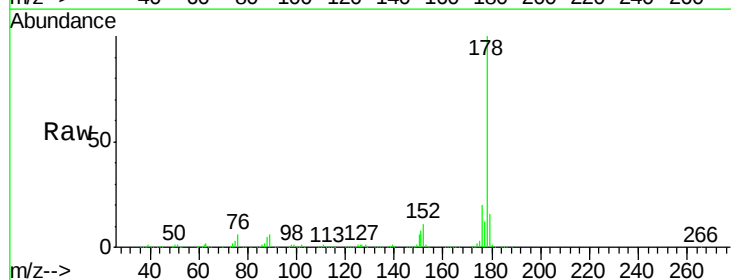
Tgt Ion:178 Resp: 1768059

Ion Ratio Lower Upper

178 100

176 20.5 15.3 22.9

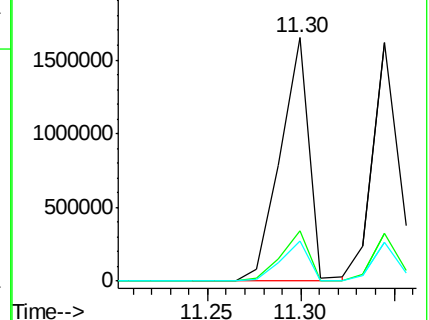
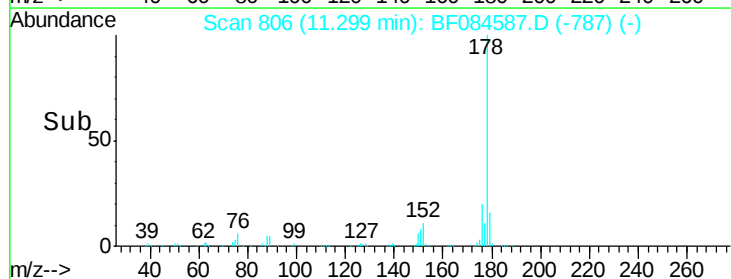
179 16.3 12.0 18.0

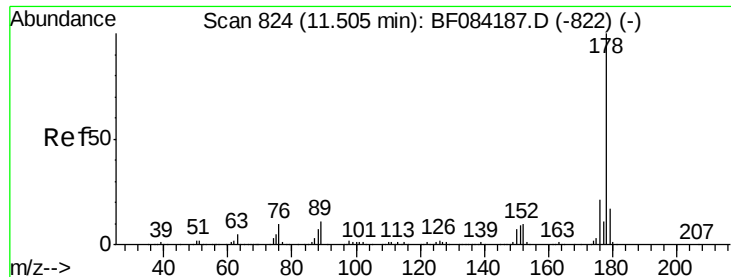


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

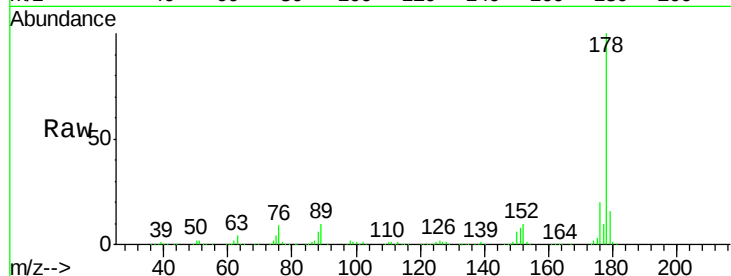




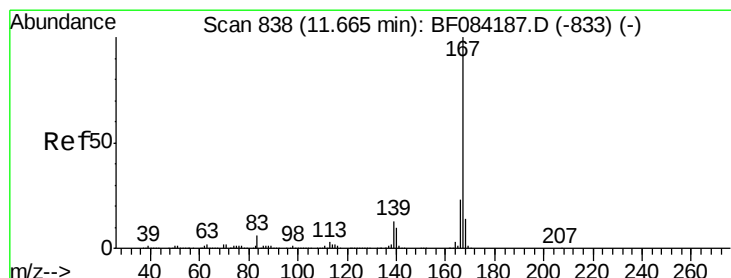
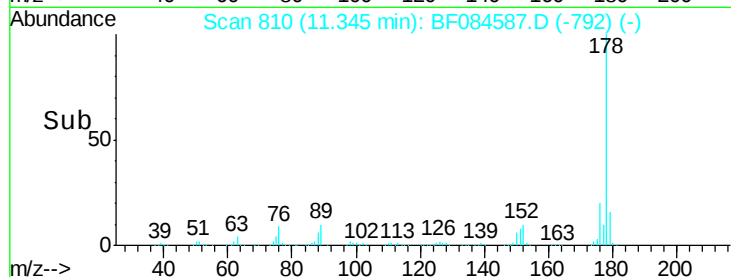
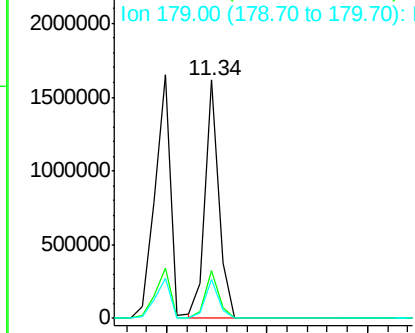
#71
 Anthracene
 Concen: 36.54 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.09 min
 Lab File: BF084587.D
 Acq: 22 Jan 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

Tgt Ion:178 Resp: 1538159
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.0
 179 16.4 12.5 18.7

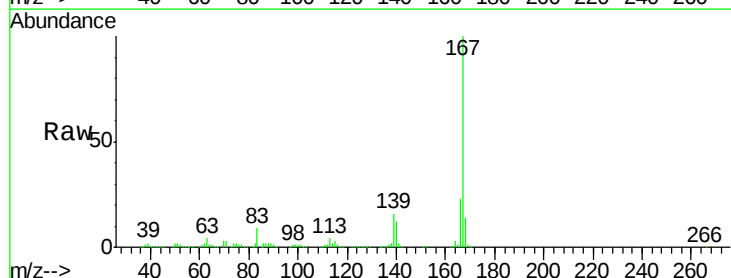


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

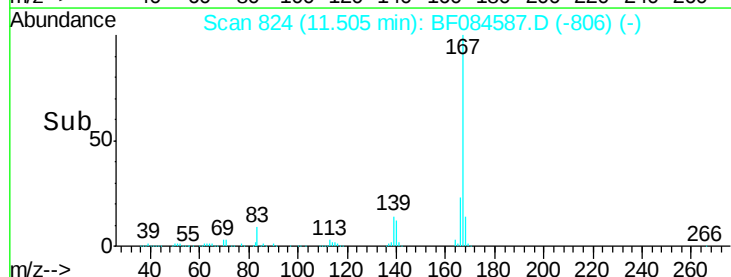
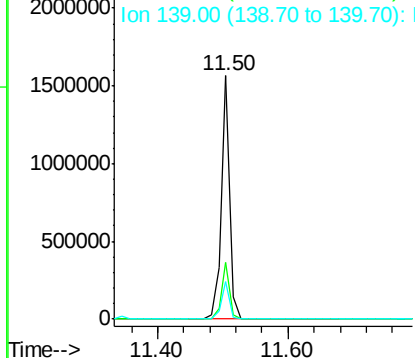


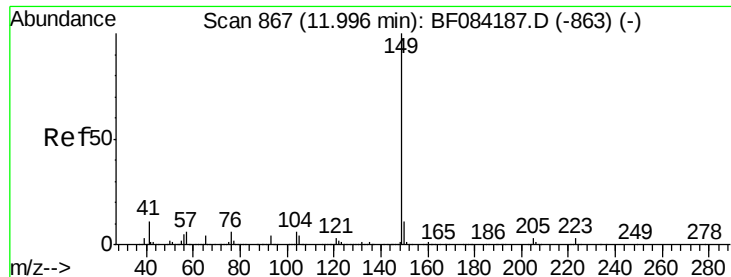
#72
 Carbazole
 Concen: 34.73 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.09 min
 Lab File: BF084587.D
 Acq: 22 Jan 2016 14:13

Tgt Ion:167 Resp: 1429263
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.6 26.4
 139 15.5 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: 42.24 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

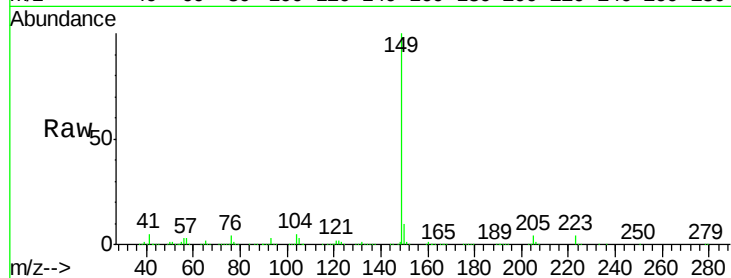
Tgt Ion:149 Resp: 1877205

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

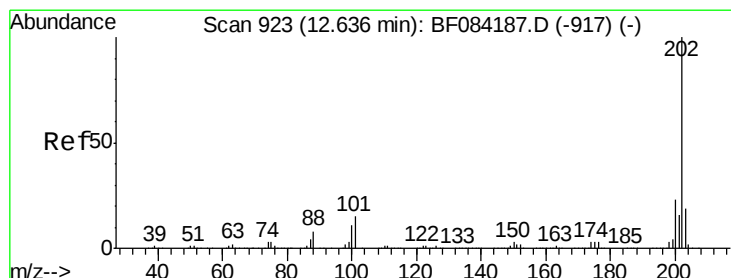
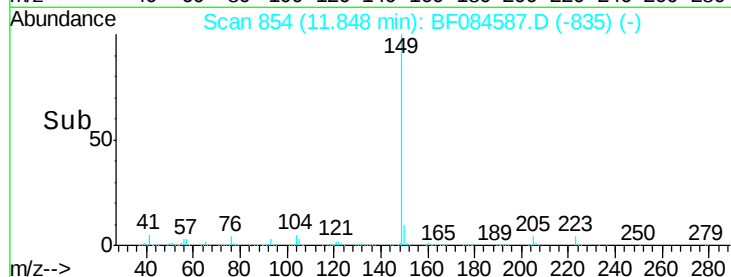
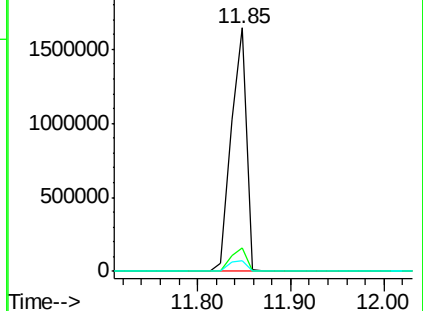
104 4.6 3.2 4.8



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: 35.68 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

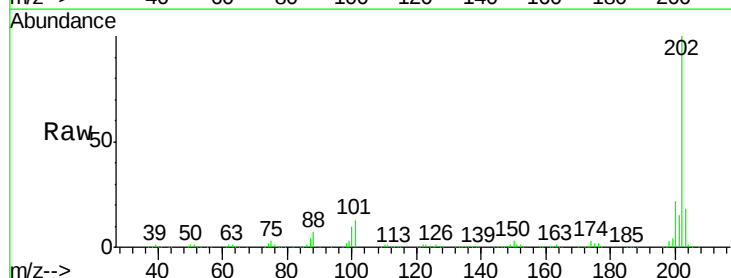
Tgt Ion:202 Resp: 1600589

Ion Ratio Lower Upper

202 100

101 13.2 0.0 32.8

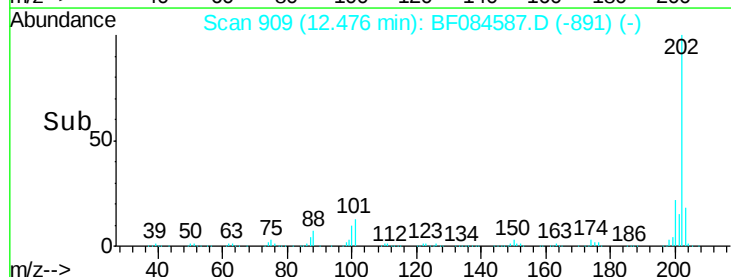
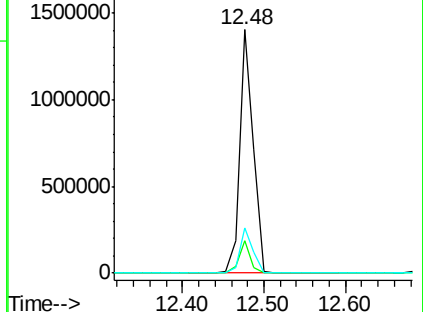
203 18.4 0.0 37.9

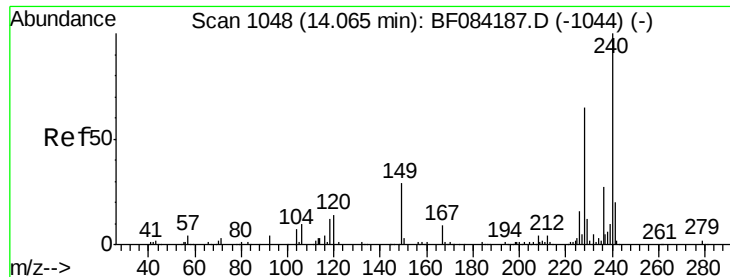


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

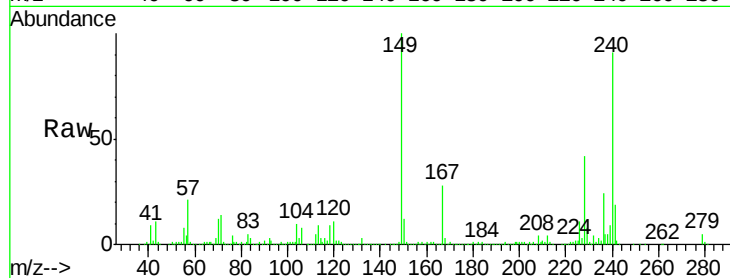
Tgt Ion:240 Resp: 621125

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

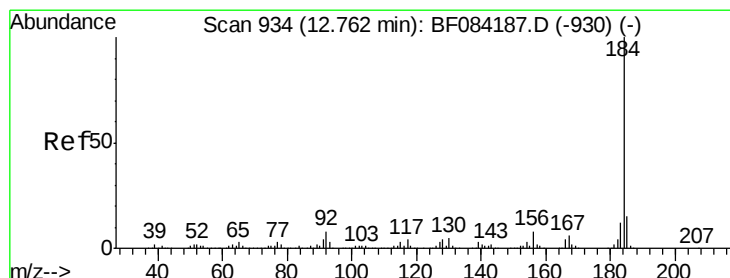
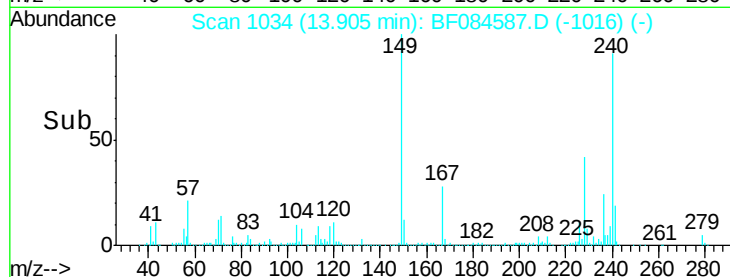
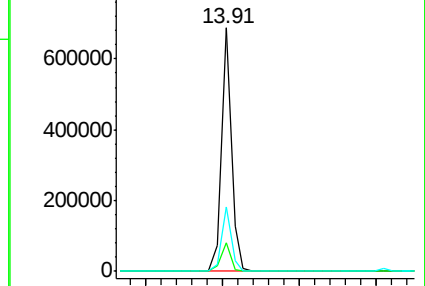
236 26.5 20.6 31.0



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: 19.62 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.09 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

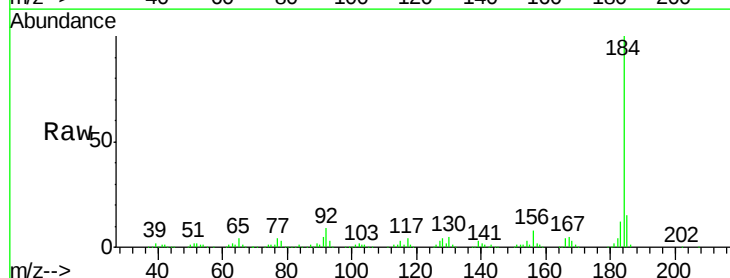
Tgt Ion:184 Resp: 436972

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

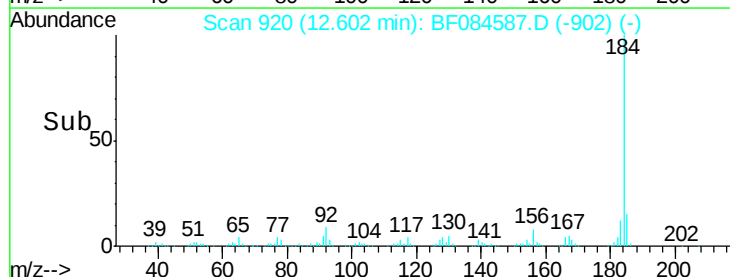
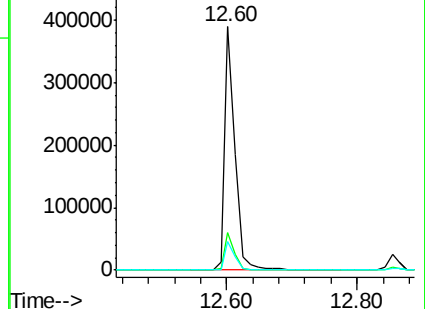
183 11.7 9.8 14.8

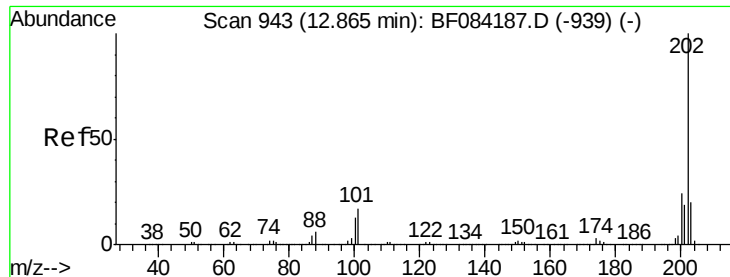


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

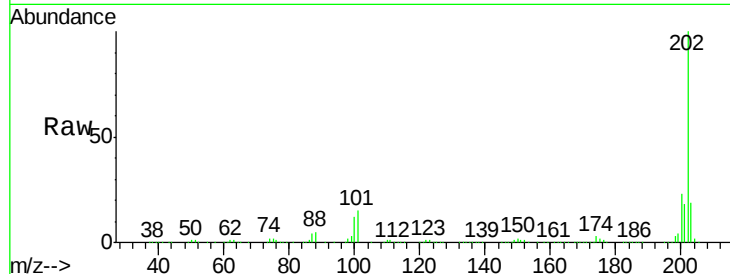




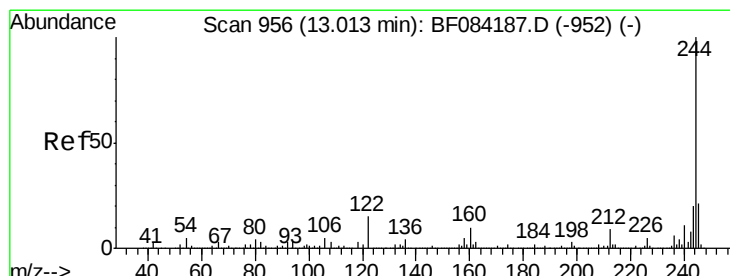
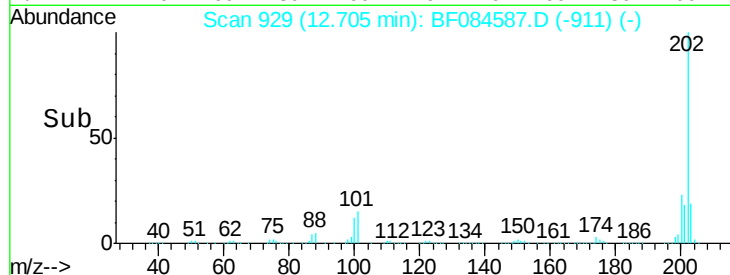
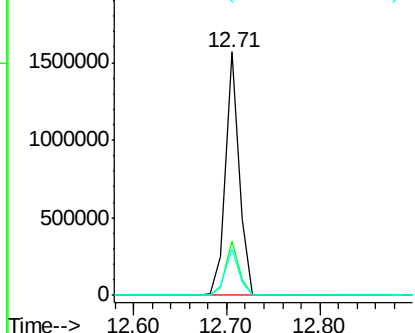
#77
 Pyrene
 Concen: 32.90 ng
 RT: 12.71 min Scan# 929
 Delta R.T. -0.09 min
 Lab File: BF084587.D
 Acq: 22 Jan 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

Tgt Ion: 202 Resp: 1603586
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.2 25.8
 203 19.1 14.3 21.5

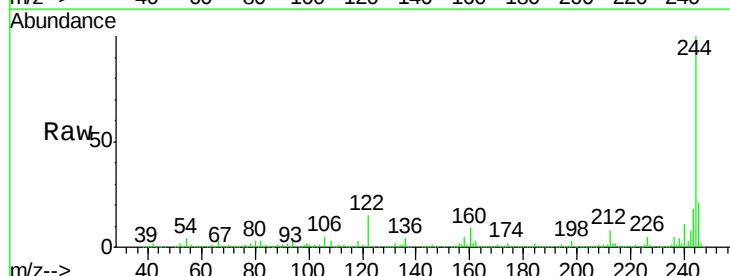


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

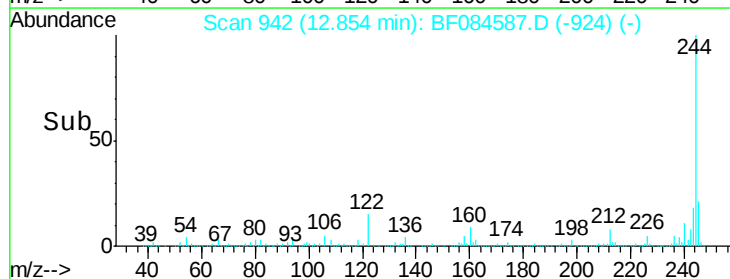
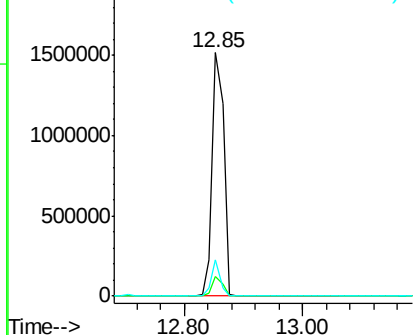


#78
 Terphenyl-d14
 Concen: 73.42 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.09 min
 Lab File: BF084587.D
 Acq: 22 Jan 2016 14:13

Tgt Ion: 244 Resp: 2043043
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 14.8 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

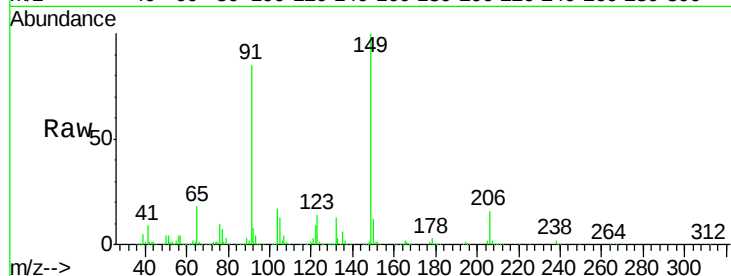




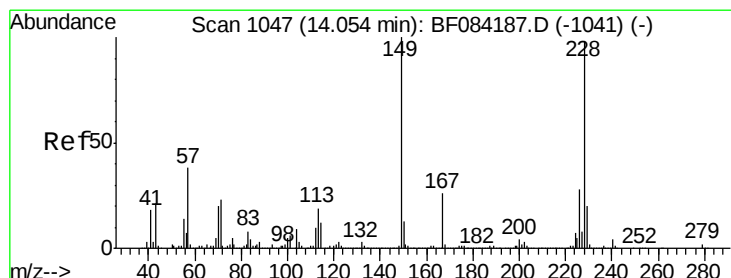
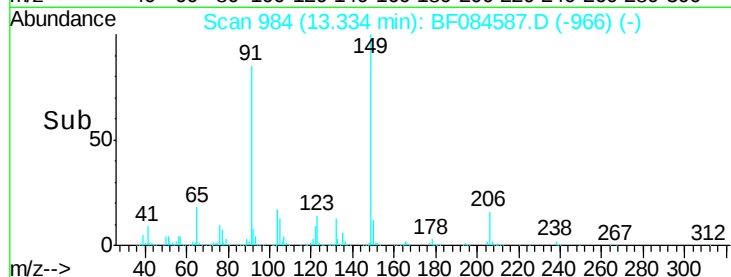
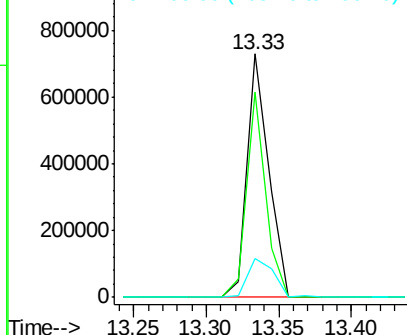
#79
Butylbenzylphthalate
Concen: 35.75 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.09 min
Lab File: BF084587.D
Acq: 22 Jan 2016 14:13

Instrument :
BNA_F
ClientSampleId :
PB87895BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	84.5	57.6	86.4
206	16.1	13.2	19.8

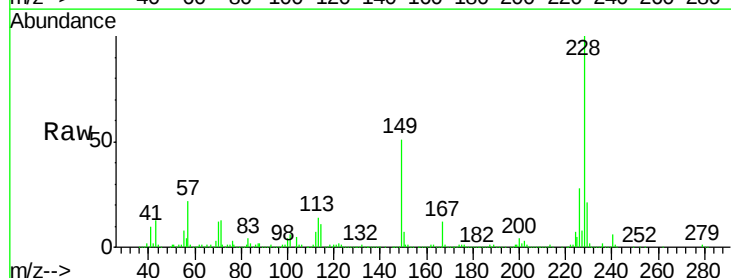


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

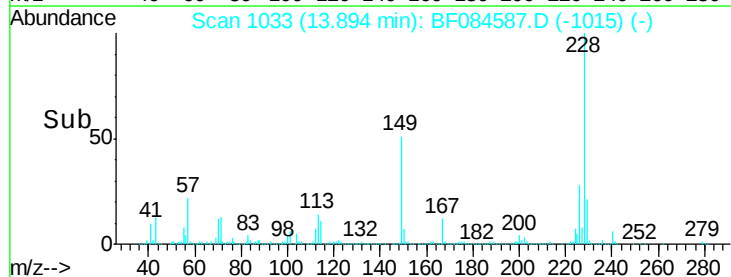
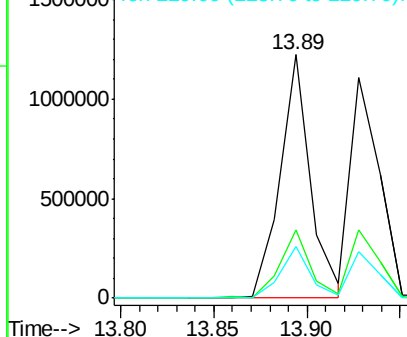


#80
Benzo(a)anthracene
Concen: 37.98 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.09 min
Lab File: BF084587.D
Acq: 22 Jan 2016 14:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.8	32.6
229	21.1	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

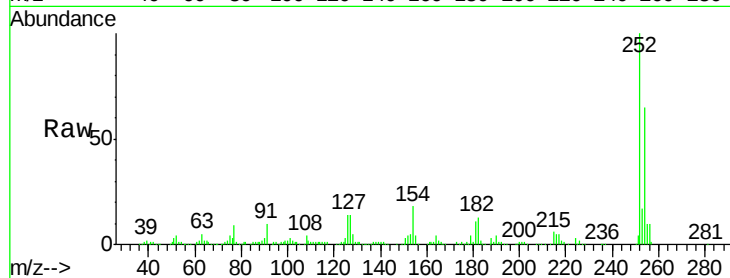




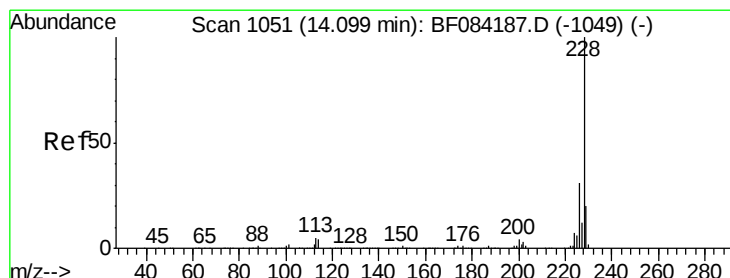
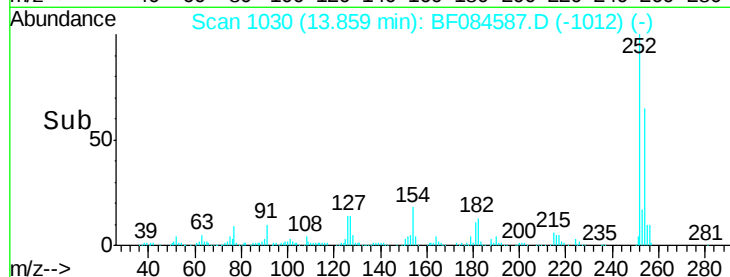
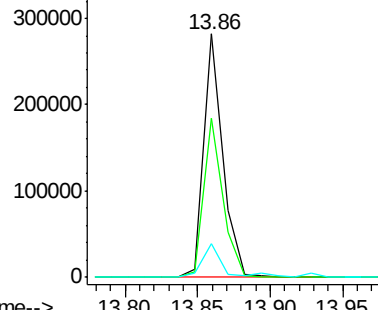
#81
 3,3'-Dichlorobenzidine
 Concen: 20.23 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.09 min
 Lab File: BF084587.D
 Acq: 22 Jan 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	53.5	80.3
126	13.9	4.9	7.3#

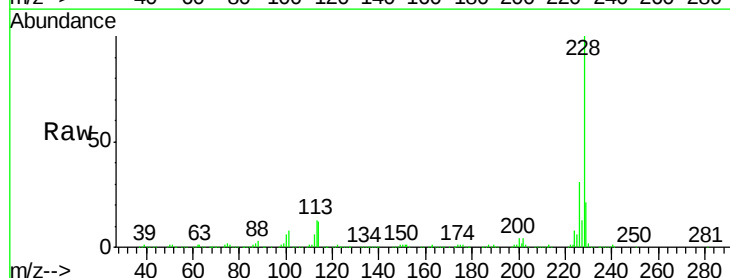


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

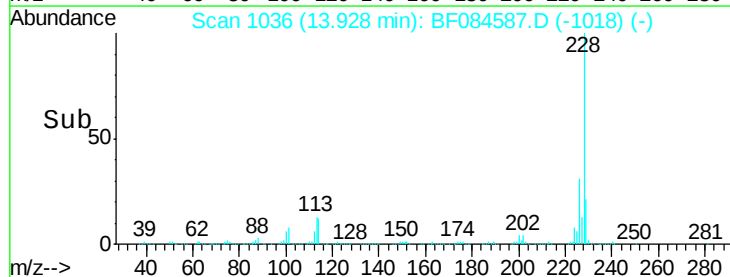
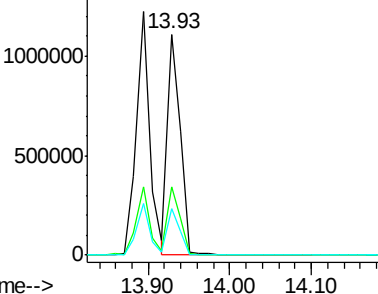


#82
 Chrysene
 Concen: 34.70 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.09 min
 Lab File: BF084587.D
 Acq: 22 Jan 2016 14:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.3	36.5
229	21.0	16.1	24.1



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.76 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

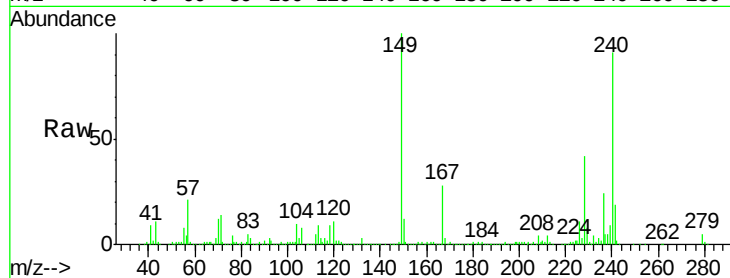
Tgt Ion:149 Resp: 979478

Ion Ratio Lower Upper

149 100

167 28.1 19.7 29.5

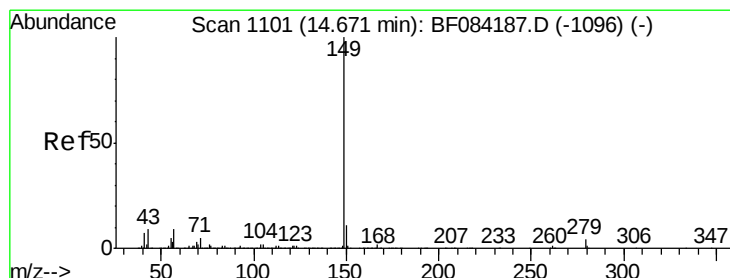
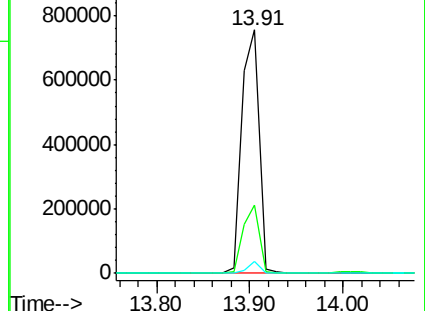
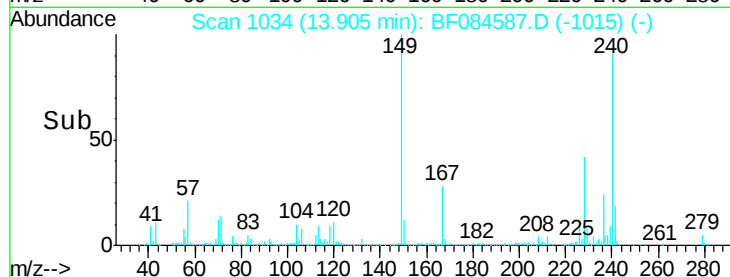
279 4.7 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.34 ng

RT: 14.51 min Scan# 1087

Delta R.T. -0.08 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

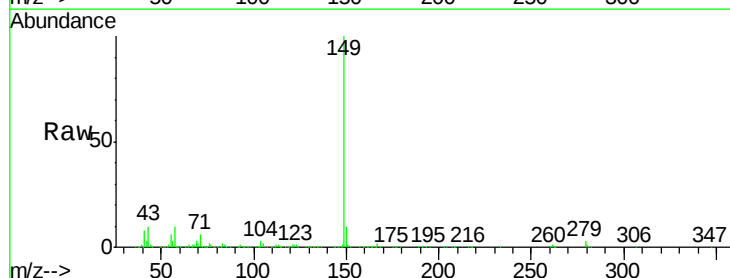
Tgt Ion:149 Resp: 1679832

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

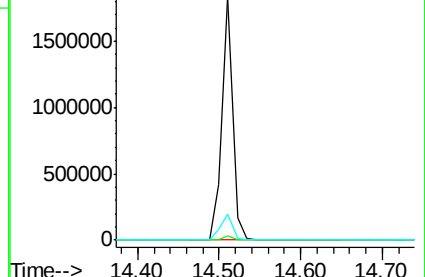
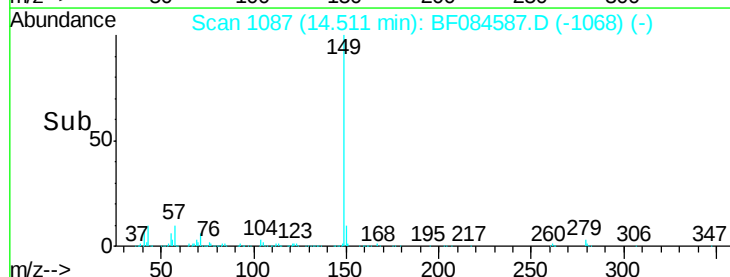
43 11.6 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

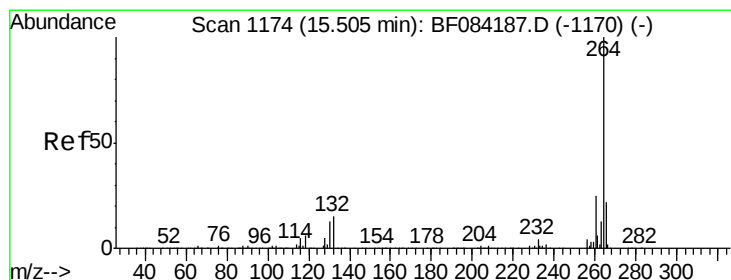
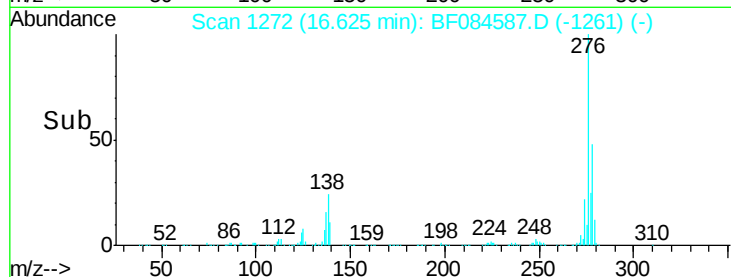
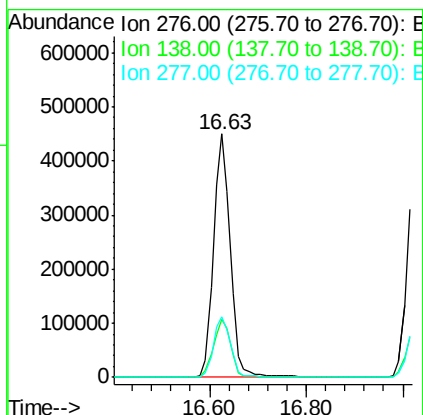
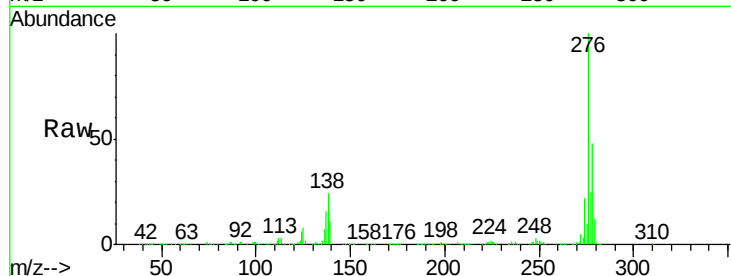




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.68 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.17 min
Lab File: BF084587.D
Acq: 22 Jan 2016 14:13

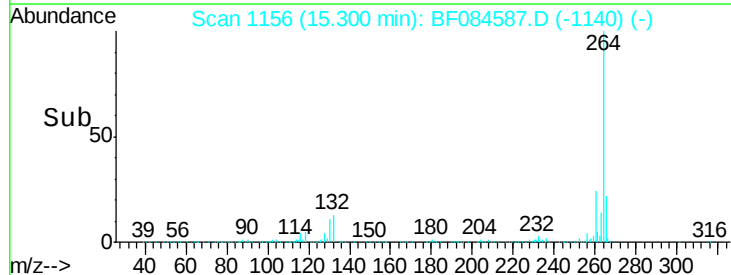
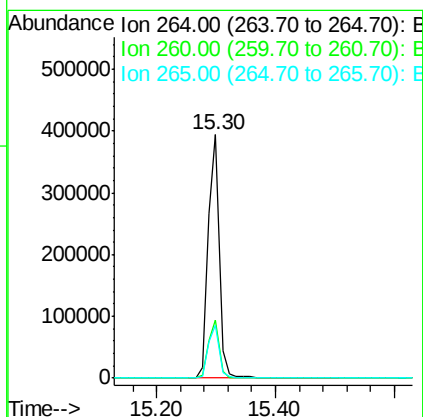
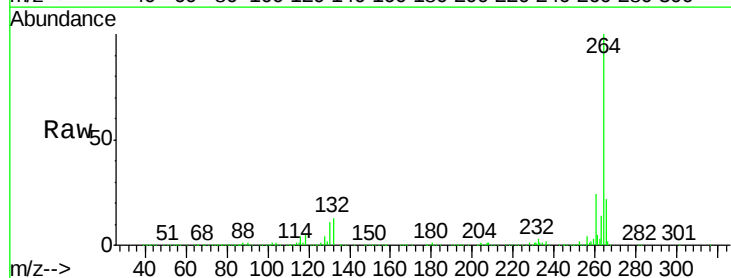
Instrument :
BNA_F
ClientSampleId :
PB87895BSD

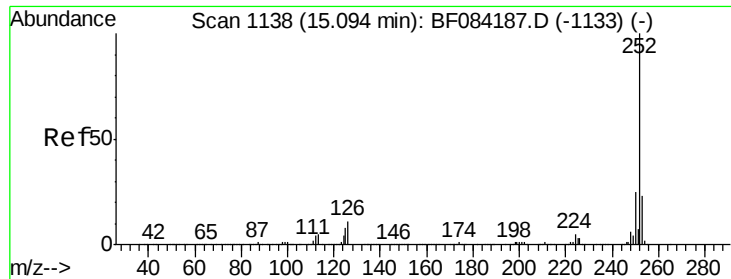
Tgt Ion:276 Resp: 1102234
Ion Ratio Lower Upper
276 100
138 24.8 20.6 30.8
277 25.3 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.11 min
Lab File: BF084587.D
Acq: 22 Jan 2016 14:13

Tgt Ion:264 Resp: 509279
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 21.9 17.8 26.6

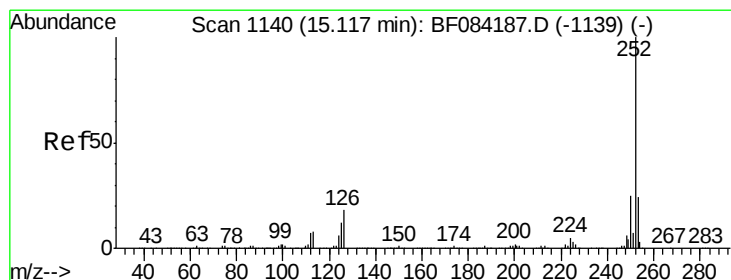
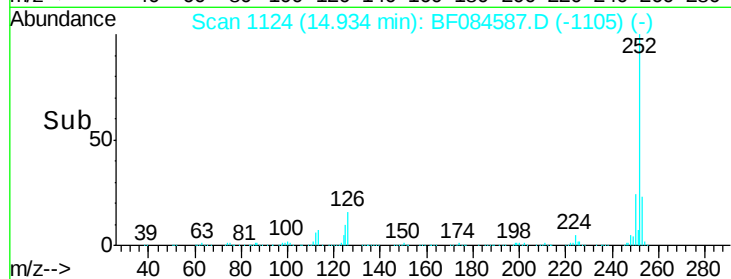
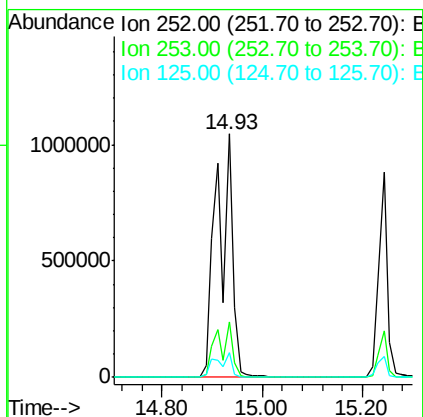
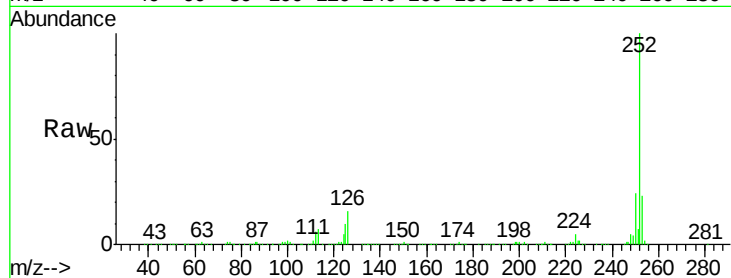




#87
Benzo(b)fluoranthene
Concen: 68.23 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.08 min
Lab File: BF084587.D
Acq: 22 Jan 2016 14:13

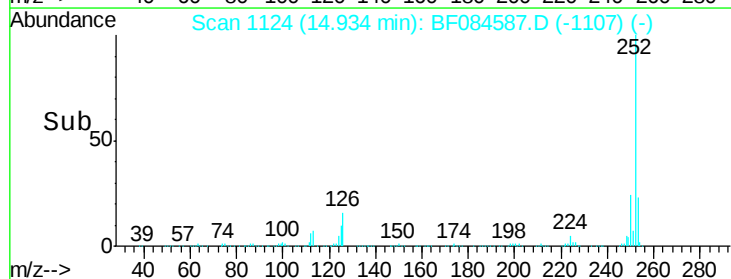
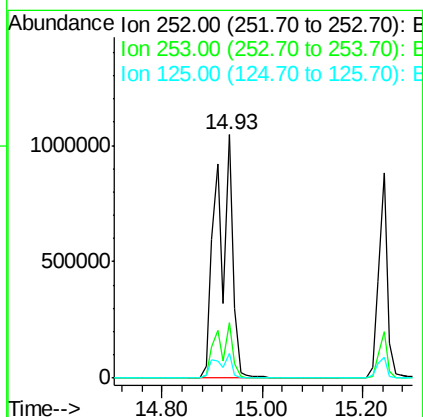
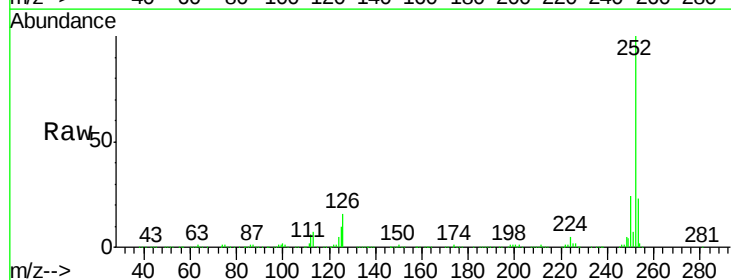
Instrument :
BNA_F
ClientSampleId :
PB87895BSD

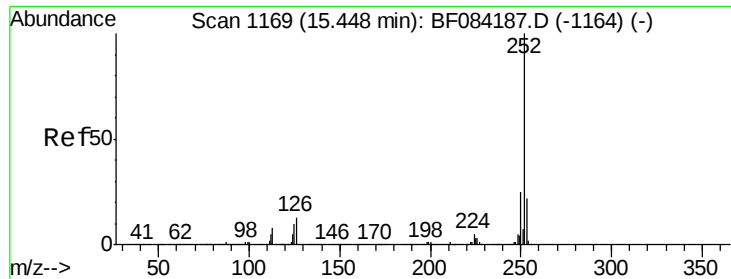
Tgt Ion:252 Resp: 2272970
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 10.3 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 83.42 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.10 min
Lab File: BF084587.D
Acq: 22 Jan 2016 14:13

Tgt Ion:252 Resp: 2272970
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 10.3 9.0 13.6





#89

Benzo(a)pyrene

Concen: 37.46 ng

RT: 15.24 min Scan# 1151

Delta R.T. -0.11 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD

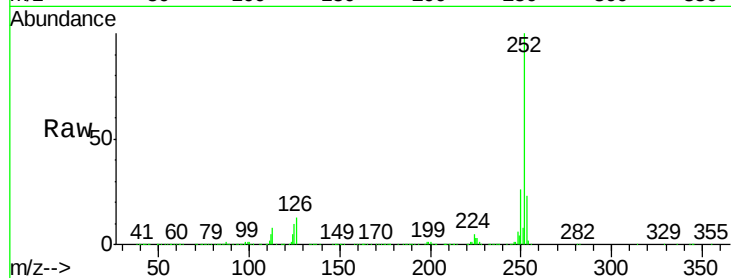
Tgt Ion:252 Resp: 1058411

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

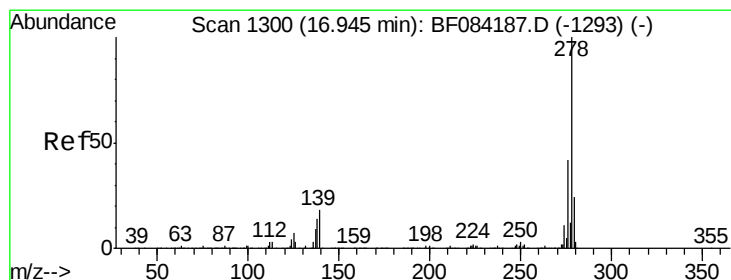
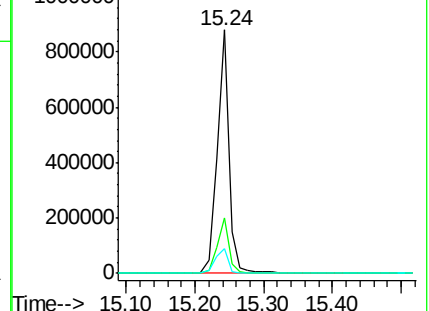
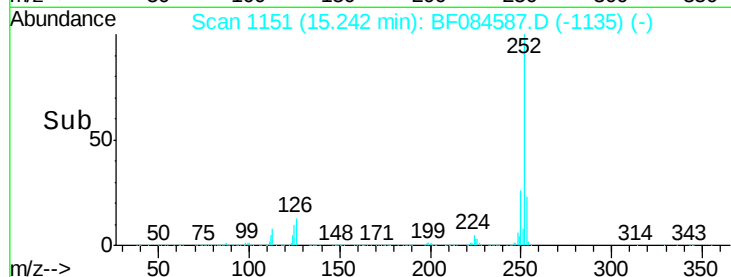
125 10.0 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.90 ng

RT: 16.64 min Scan# 1273

Delta R.T. -0.17 min

Lab File: BF084587.D

Acq: 22 Jan 2016 14:13

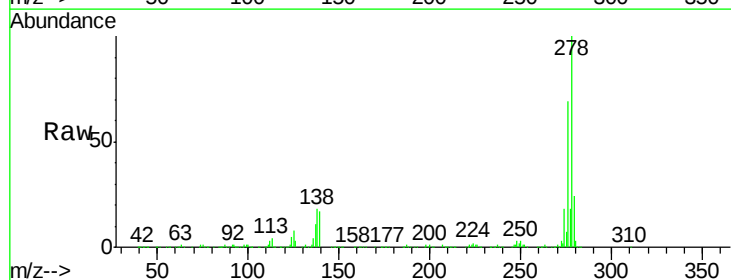
Tgt Ion:278 Resp: 921585

Ion Ratio Lower Upper

278 100

139 17.0 15.0 22.4

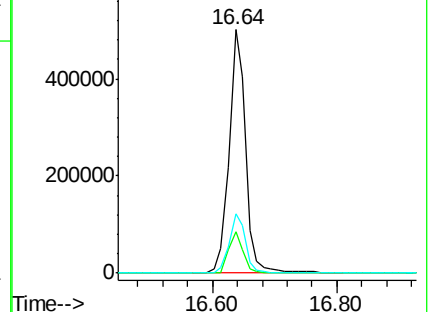
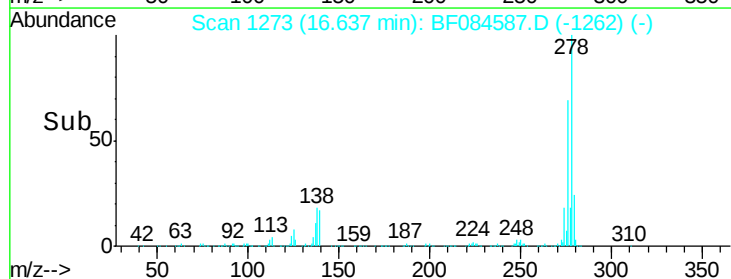
279 24.4 18.9 28.3

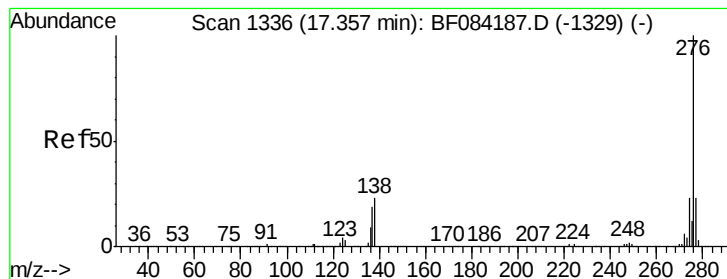


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.01 ng

RT: 17.03 min Scan# 1307

Delta R.T. -0.19 min

Lab File: BF084587.D

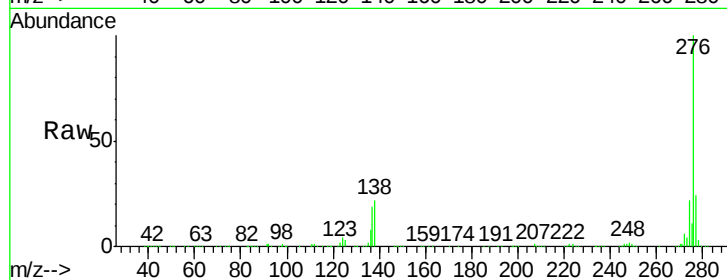
Acq: 22 Jan 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB87895BSD



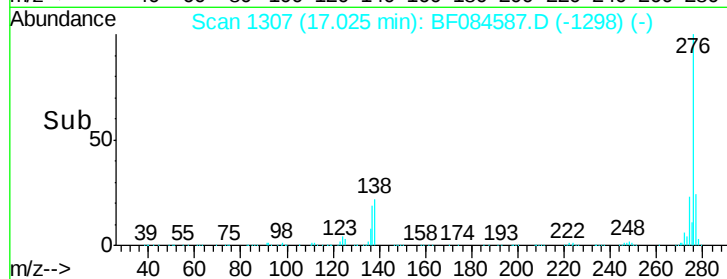
Tgt Ion: 276 Resp: 931992

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 22.1 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

