

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
 Data File : BF084589.D
 Acq On : 22 Jan 2016 15:09
 Operator : SJ/IZ
 Sample : PB87925BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87925BS

Quant Time: Jan 22 22:03:05 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	192595	20.00	ng	-0.08
21) Naphthalene-d8	8.03	136	774023	20.00	ng	-0.09
38) Acenaphthene-d10	9.79	164	391470	20.00	ng	-0.08
63) Phenanthrene-d10	11.27	188	711975	20.00	ng	-0.09
75) Chrysene-d12	13.91	240	558185	20.00	ng	-0.09
86) Perylene-d12	15.30	264	432365	20.00	ng	-0.11

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1347094	113.13	ng	-0.08
7) Phenol-d6	6.40	99	1532601	102.48	ng	-0.08
23) Nitrobenzene-d5	7.31	82	977255	70.27	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	430038	108.81	ng	-0.09
44) 2-Fluorobiphenyl	9.12	172	1811556	81.12	ng	-0.08
78) Terphenyl-d14	12.85	244	1652045	66.07	ng	-0.09

Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	167513	29.70	ng	# 76
3) Pyridine	3.04	79	343113	21.82	ng	# 74
4) n-Nitrosodimethylamine	2.99	42	217049	26.89	ng	# 78
6) Aniline	6.41	93	290652	13.29	ng	# 1
8) 2-Chlorophenol	6.53	128	498061	36.87	ng	# 97
9) Benzaldehyde	6.29	77	33820	3.47	ng	# 86
10) Phenol	6.41	94	648681	38.15	ng	# 97
11) bis(2-Chloroethyl)ether	6.49	93	464725	35.28	ng	# 84
12) 1,3-Dichlorobenzene	6.92	146	432061	31.00	ng	# 97
13) 1,4-Dichlorobenzene	6.76	146	486678	34.83	ng	# 96
14) 1,2-Dichlorobenzene	6.92	146	432076	32.28	ng	# 94
15) Benzyl Alcohol	6.90	79	420714	33.44	ng	# 93
16) 2,2'-oxybis(1-Chloropropan	7.04	45	748556	31.21	ng	# 86
17) 2-Methylphenol	7.01	107	364210	32.17	ng	# 92
18) Hexachloroethane	7.25	117	187059	33.47	ng	# 90
19) n-Nitroso-di-n-propylamine	7.16	70	328729	32.47	ng	# 68
20) 3+4-Methylphenols	7.17	107	492386	37.00	ng	# 88
22) Acetophenone	7.16	105	662579	35.60	ng	# 97
24) Nitrobenzene	7.33	77	522272	37.03	ng	# 99
25) Isophorone	7.57	82	887465	33.37	ng	# 99
26) 2-Nitrophenol	7.65	139	267076	41.60	ng	# 93
27) 2,4-Dimethylphenol	7.70	122	474480	36.51	ng	# 94
28) bis(2-Chloroethoxy)methane	7.79	93	561376	34.55	ng	# 99
29) 2,4-Dichlorophenol	7.89	162	376229	34.76	ng	# 96
30) 1,2,4-Trichlorobenzene	7.97	180	401214	35.90	ng	# 97
31) Naphthalene	8.05	128	1292421	36.80	ng	# 99
32) Benzoic acid	7.82	122	269927	34.34	ng	# 93
33) 4-Chloroaniline	8.11	127	147640	9.17	ng	# 92
34) Hexachlorobutadiene	8.18	225	244014	37.99	ng	# 99
35) Caprolactam	8.48	113	86451	23.69	ng	# 53
36) 4-Chloro-3-methylphenol	8.60	107	436206	35.98	ng	# 93
37) 2-Methylnaphthalene	8.75	142	946773	37.56	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	370271	32.90	ng	# 97
40) Hexachlorocyclopentadiene	8.90	237	386777	56.93	ng	# 97

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Quant Time: Jan 22 22:03:05 2016
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 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)

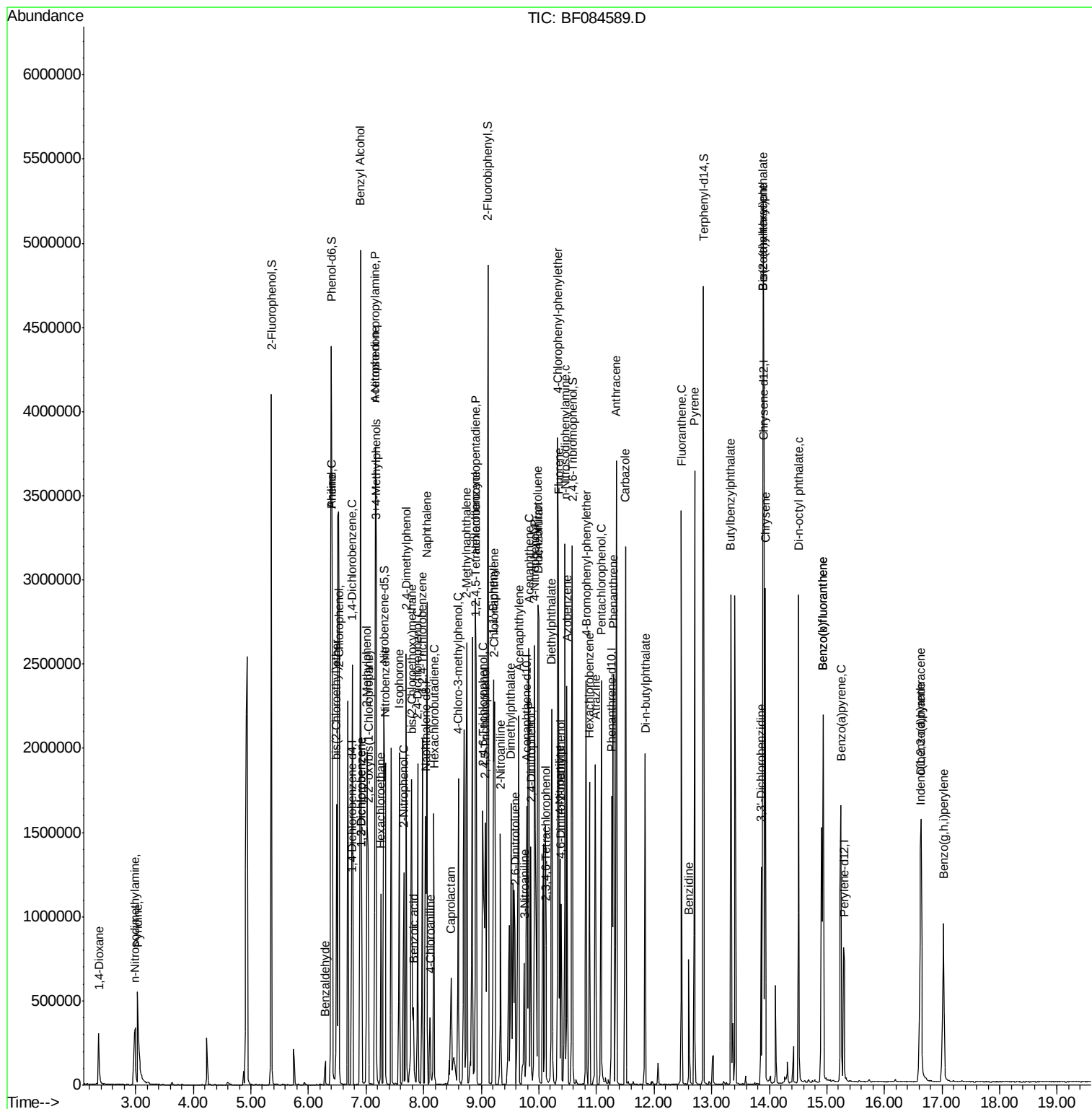
42) 2,4,6-Trichlorophenol	9.02	196	263873	31.34	ng	98
43) 2,4,5-Trichlorophenol	9.07	196	280758	34.78	ng	# 83
45) 1,1'-Biphenyl	9.21	154	1054180	33.88	ng	98
46) 2-Chloronaphthalene	9.23	162	804243	32.91	ng	97
47) 2-Nitroaniline	9.33	65	267857	33.21	ng	97
48) Acenaphthylene	9.65	152	1340364	37.12	ng	99
49) Dimethylphthalate	9.52	163	988041	35.30	ng	# 89
50) 2,6-Dinitrotoluene	9.58	165	227037	36.99	ng	92
51) Acenaphthene	9.82	154	907358	37.46	ng	98
52) 3-Nitroaniline	9.74	138	104283	13.71	ng	93
53) 2,4-Dinitrophenol	9.86	184	257233	97.56	ng	93
54) Dibenzofuran	10.00	168	1219914	38.46	ng	96
55) 4-Nitrophenol	9.93	139	377602	68.39	ng	# 82
56) 2,4-Dinitrotoluene	9.98	165	314254	40.45	ng	92
57) Fluorene	10.34	166	970008	39.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	225501	32.72	ng	91
59) Diethylphthalate	10.22	149	1049321	38.03	ng	98
60) 4-Chlorophenyl-phenylether	10.33	204	401272	37.97	ng	92
61) 4-Nitroaniline	10.36	138	229374	33.83	ng	95
62) Azobenzene	10.49	77	1040032	34.36	ng	88
64) 4,6-Dinitro-2-methylphenol	10.38	198	153026	35.29	ng	# 44
65) n-Nitrosodiphenylamine	10.45	169	845449	37.14	ng	99
66) 4-Bromophenyl-phenylether	10.82	248	276121	36.03	ng	# 85
67) Hexachlorobenzene	10.88	284	298834	34.65	ng	# 73
68) Atrazine	10.98	200	232575	31.22	ng	98
69) Pentachlorophenol	11.08	266	313243	70.04	ng	98
70) Phenanthrene	11.30	178	1437624	38.60	ng	98
71) Anthracene	11.35	178	1393923	38.18	ng	99
72) Carbazole	11.51	167	1284085	35.98	ng	99
73) Di-n-butylphthalate	11.85	149	1509347	38.23	ng	99
74) Fluoranthene	12.48	202	1313097	33.75	ng	99
76) Benzidine	12.60	184	287462	14.36	ng	98
77) Pyrene	12.71	202	1431339	32.68	ng	98
79) Butylbenzylphthalate	13.33	149	621951	32.81	ng	91
80) Benzo(a)anthracene	13.89	228	1204235	36.74	ng	99
81) 3,3'-Dichlorobenzidine	13.86	252	245712	21.48	ng	# 96
82) Chrysene	13.93	228	954373	30.30	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	825618	34.48	ng	99
84) Di-n-octyl phthalate	14.51	149	1403306	34.71	ng	# 90
85) Indeno(1,2,3-cd)pyrene	16.63	276	904315	36.22	ng	98
87) Benzo(b)fluoranthene	14.93	252	1859273	65.74	ng	99
88) Benzo(k)fluoranthene	14.93	252	1859738	80.40	ng	# 97
89) Benzo(a)pyrene	15.24	252	873078	36.39	ng	99
90) Dibenzo(a,h)anthracene	16.64	278	746965	36.19	ng	97
91) Benzo(g,h,i)perylene	17.03	276	762053	35.65	ng	98

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

```
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ALS Vial  : 7      Sample Multiplier: 1
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ClientSampleId :
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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: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB87925BS

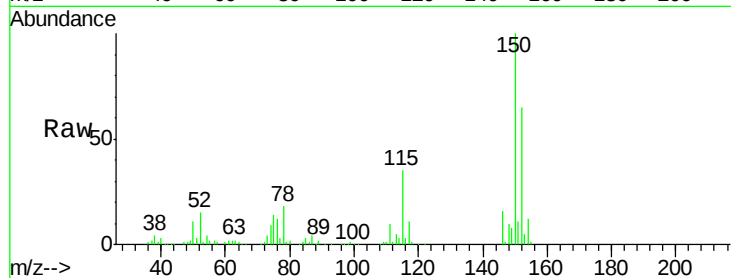
Tgt Ion:152 Resp: 192595

Ion Ratio Lower Upper

152 100

150 154.9 123.0 184.4

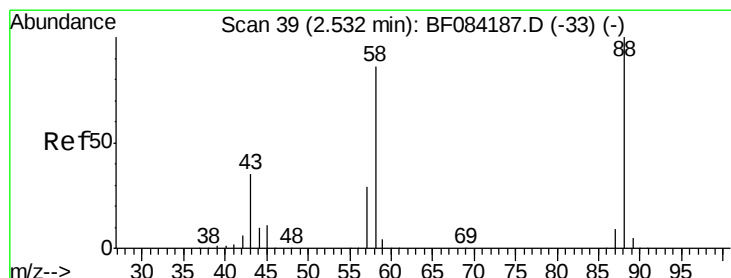
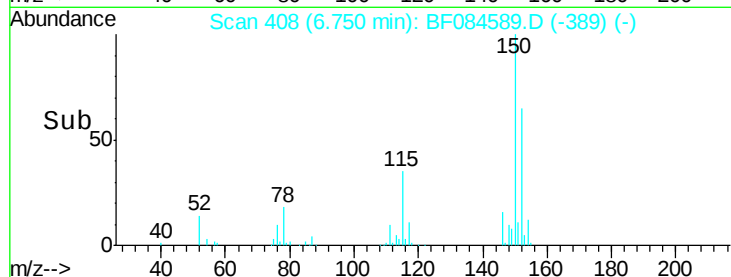
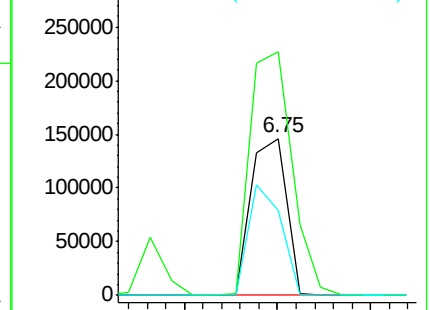
115 54.1 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.70 ng

RT: 2.36 min Scan# 24

Delta R.T. -0.03 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

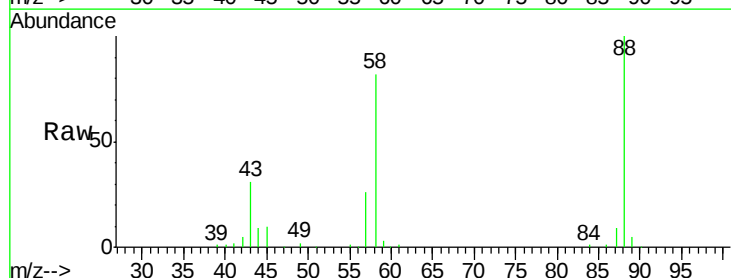
Tgt Ion: 88 Resp: 167513

Ion Ratio Lower Upper

88 100

58 85.2 51.2 76.8#

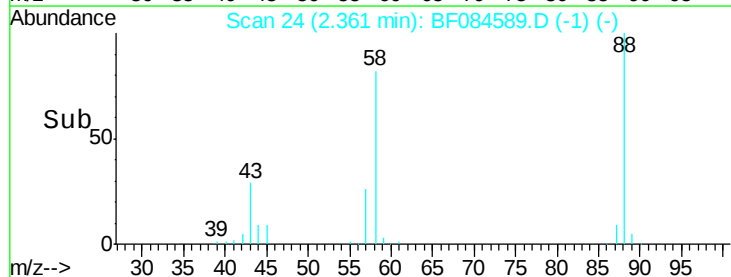
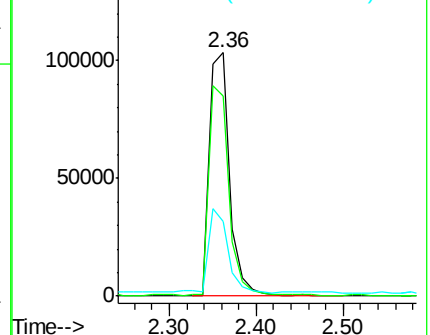
43 33.1 19.5 29.3#

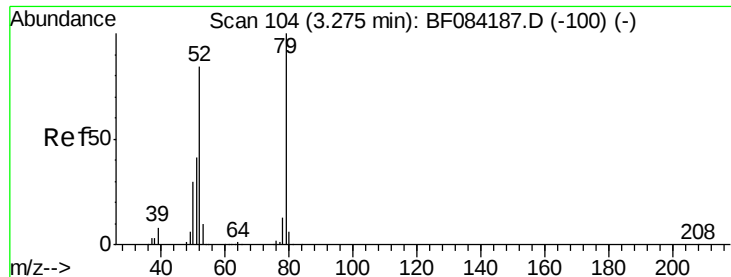


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 21.82 ng

RT: 3.04 min Scan# 83

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

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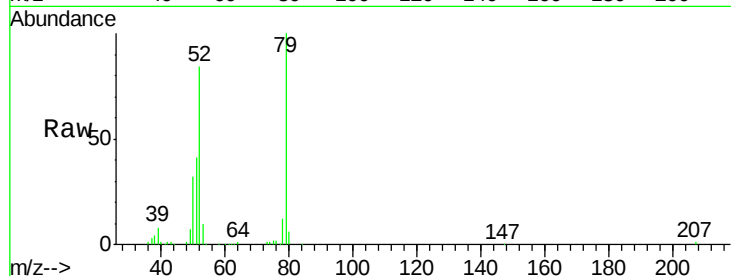
Tgt Ion: 79 Resp: 343113

Ion Ratio Lower Upper

79 100

52 84.4 49.0 73.4#

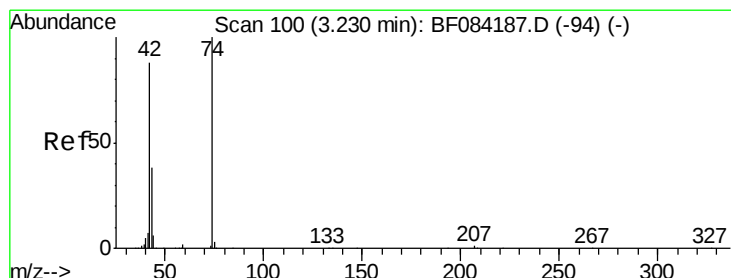
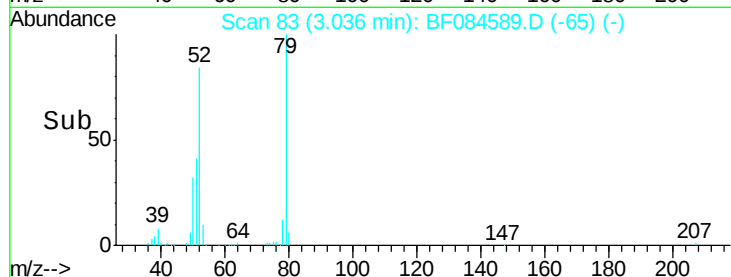
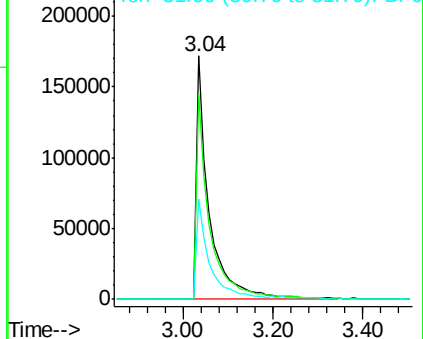
51 41.2 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 26.89 ng

RT: 2.99 min Scan# 79

Delta R.T. -0.08 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

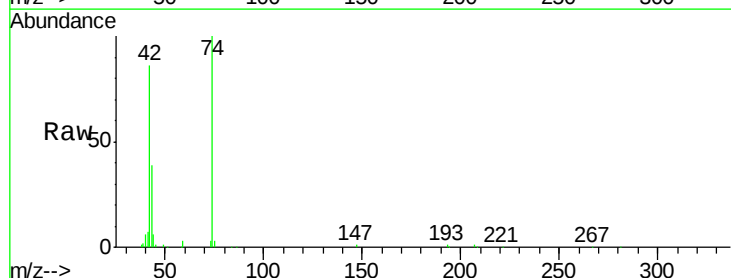
Tgt Ion: 42 Resp: 217049

Ion Ratio Lower Upper

42 100

74 116.8 115.7 173.5

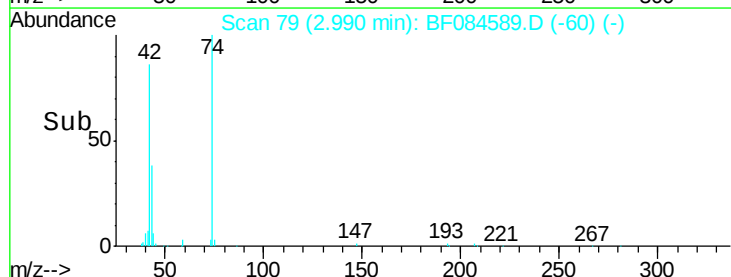
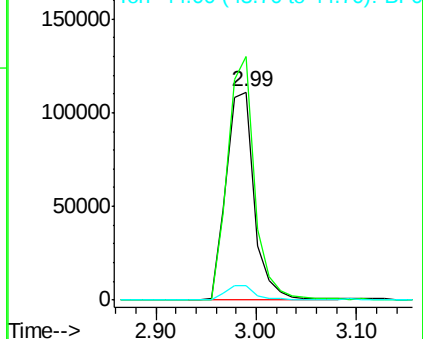
44 7.3 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 113.13 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.08 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

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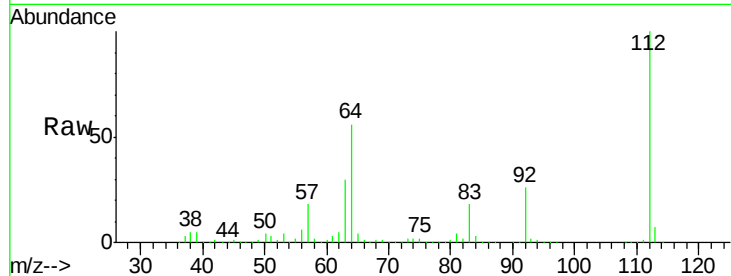
Tgt Ion: 112 Resp: 1347094

Ion Ratio Lower Upper

112 100

64 56.3 36.6 55.0#

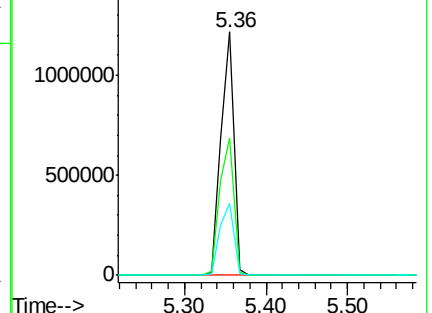
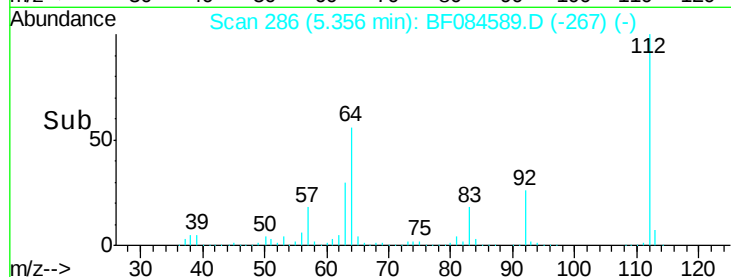
63 29.5 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.29 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

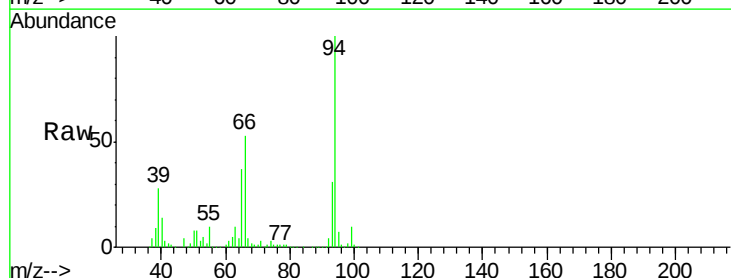
Tgt Ion: 93 Resp: 290652

Ion Ratio Lower Upper

93 100

66 171.4 44.9 67.3#

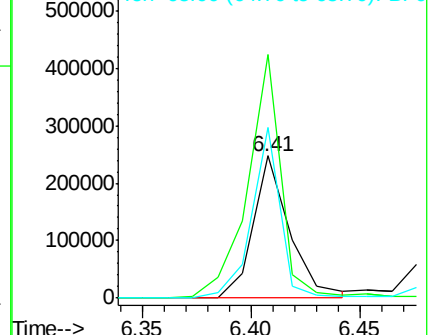
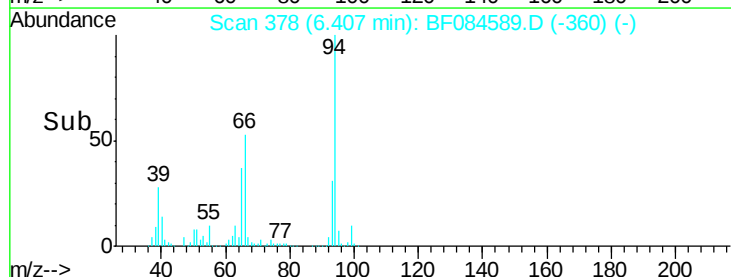
65 119.7 23.7 35.5#

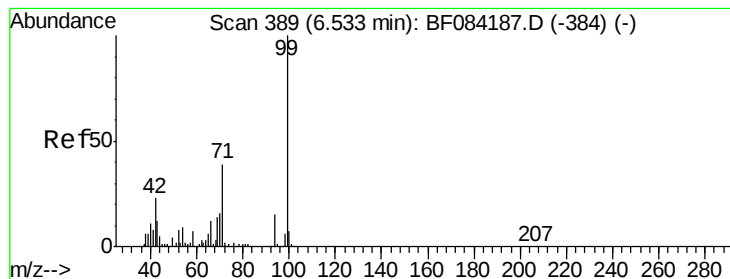


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 102.48 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.08 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

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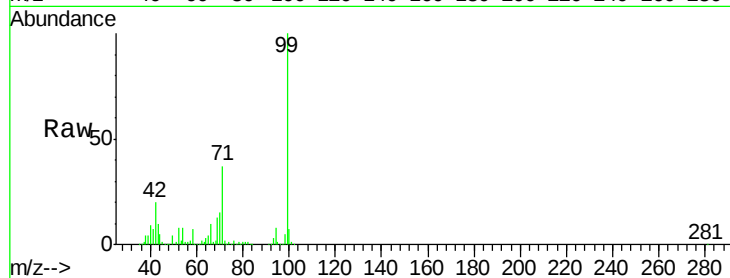
Tgt Ion: 99 Resp: 1532601

Ion Ratio Lower Upper

99 100

42 19.9 12.8 19.2#

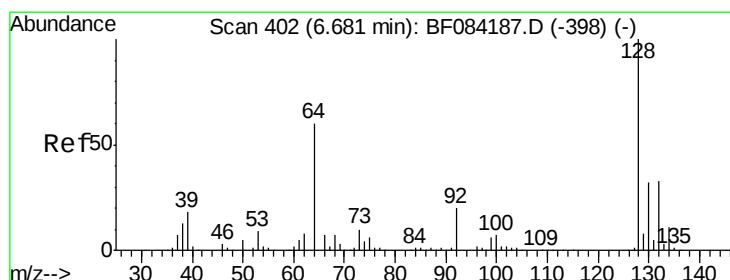
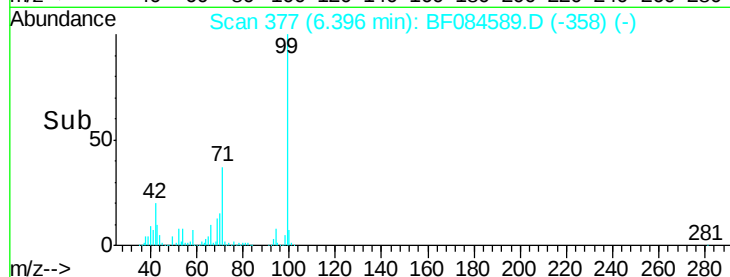
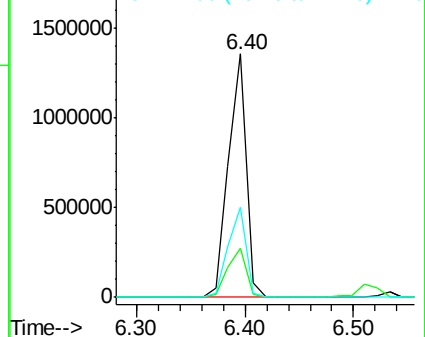
71 37.2 30.9 46.3



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: 36.87 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

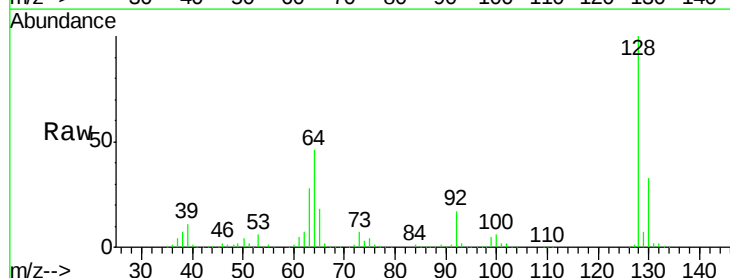
Tgt Ion: 128 Resp: 498061

Ion Ratio Lower Upper

128 100

130 33.5 11.6 51.6

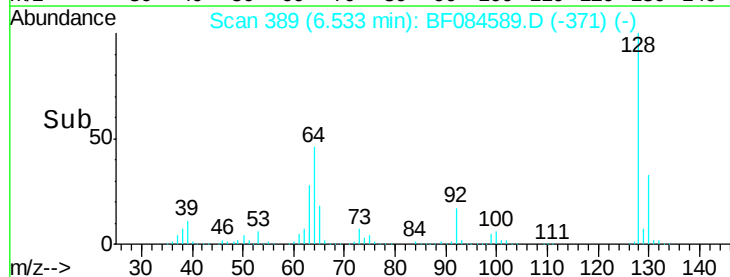
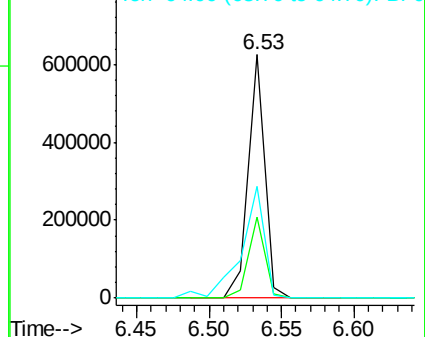
64 45.7 23.8 63.8

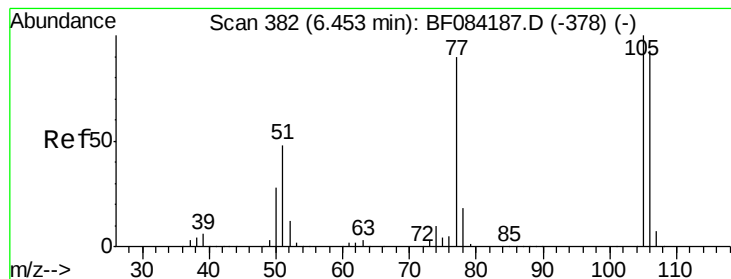


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.47 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.09 min

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PB87925BS

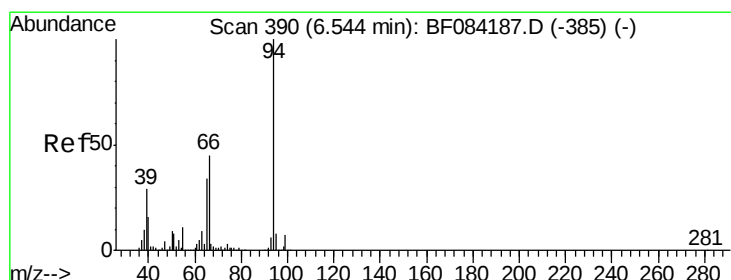
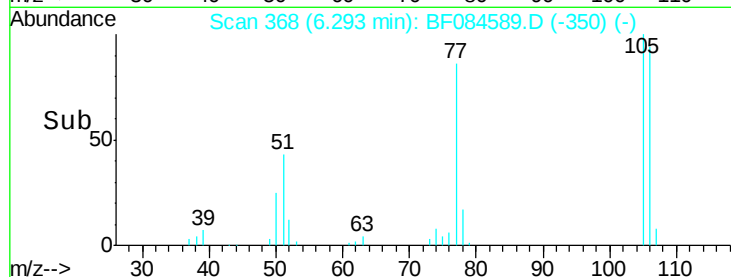
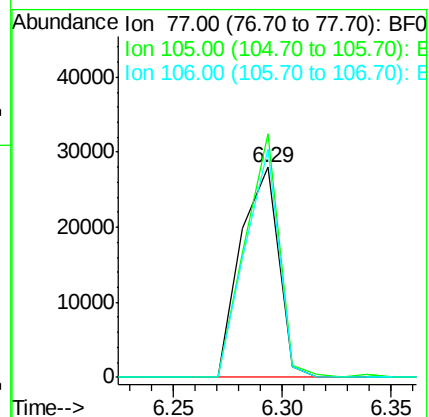
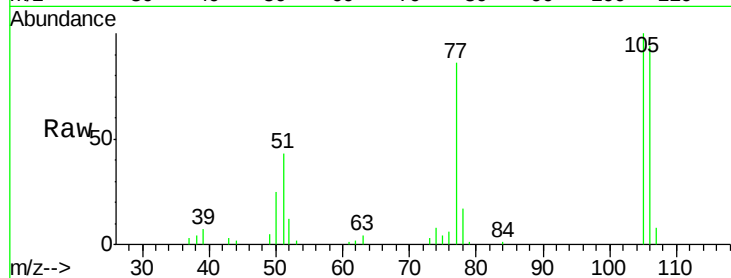
Tgt Ion: 77 Resp: 33820

Ion Ratio Lower Upper

77 100

105 115.9 83.0 123.0

106 108.7 74.6 114.6



#10

Phenol

Concen: 38.15 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

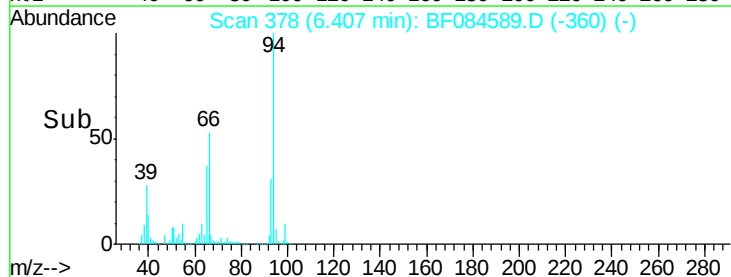
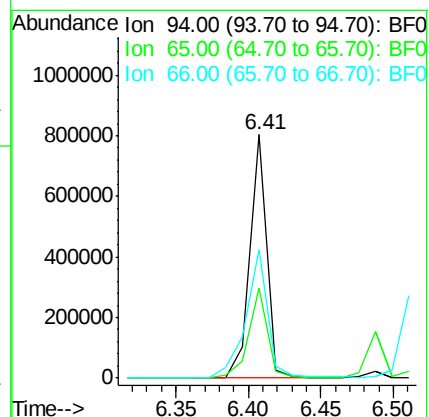
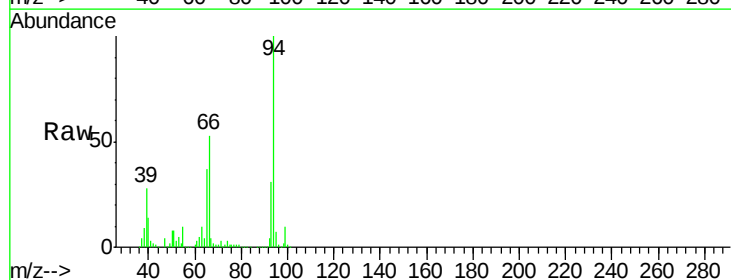
Tgt Ion: 94 Resp: 648681

Ion Ratio Lower Upper

94 100

65 36.8 12.9 52.9

66 52.7 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 35.28 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB87925BS

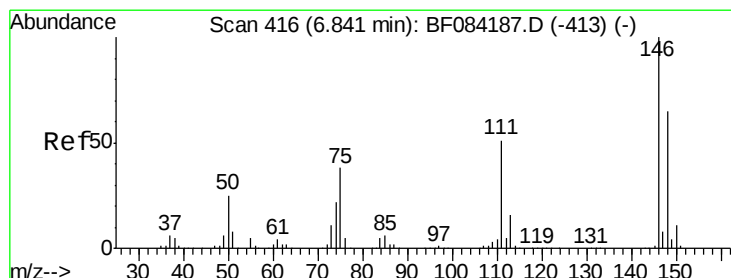
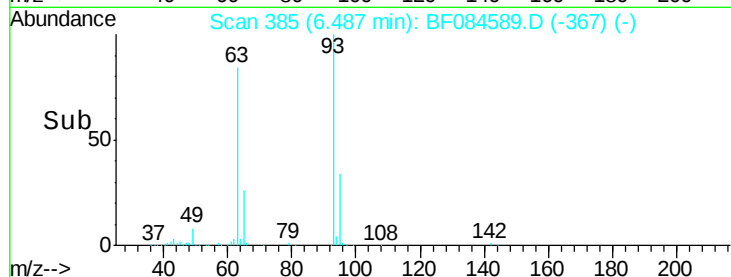
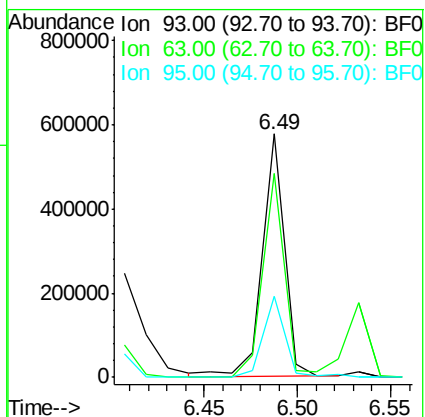
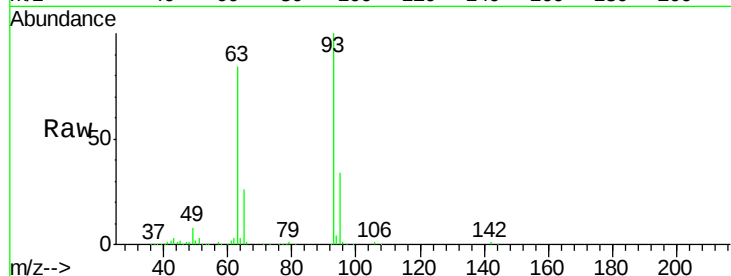
Tgt Ion: 93 Resp: 464725

Ion Ratio Lower Upper

93 100

63 84.0 45.9 85.9

95 33.5 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 31.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.15 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

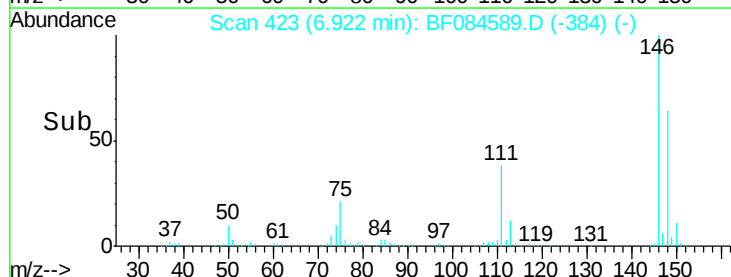
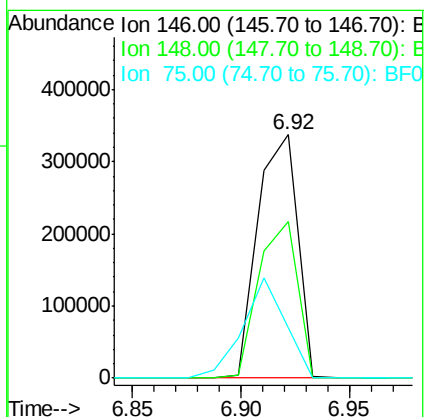
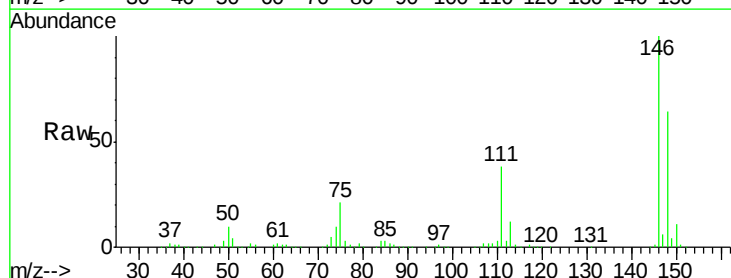
Tgt Ion: 146 Resp: 432061

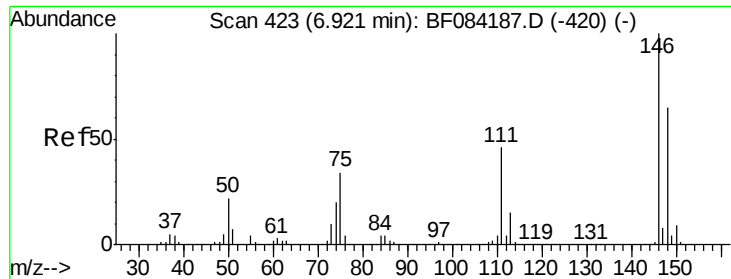
Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

75 20.6 20.5 30.7

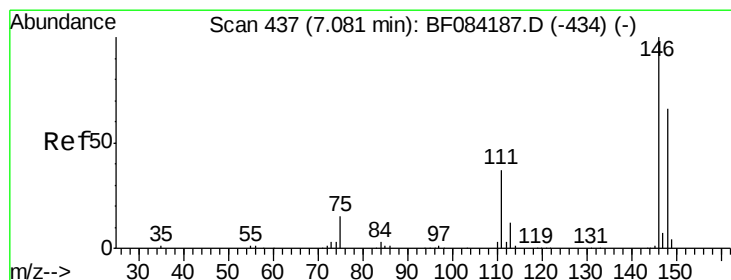
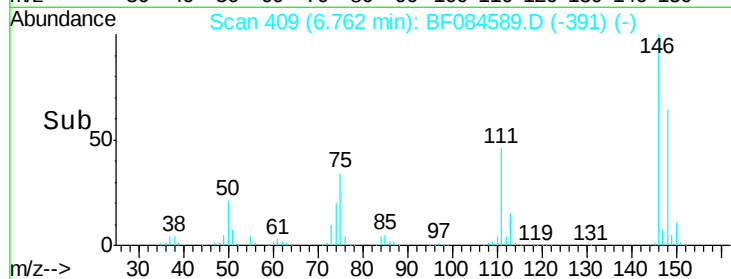
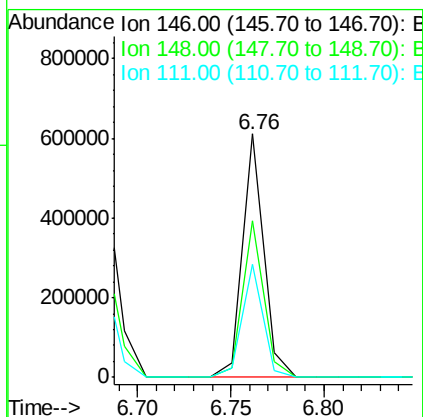
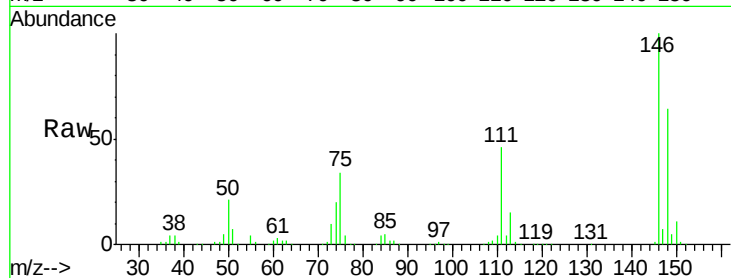




#13
 1,4-Dichlorobenzene
 Concen: 34.83 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.09 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

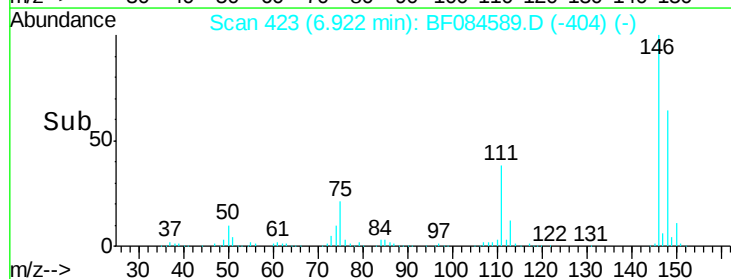
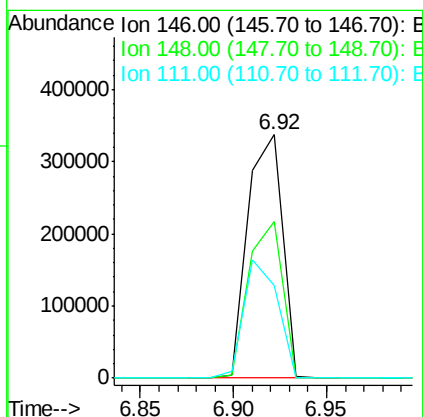
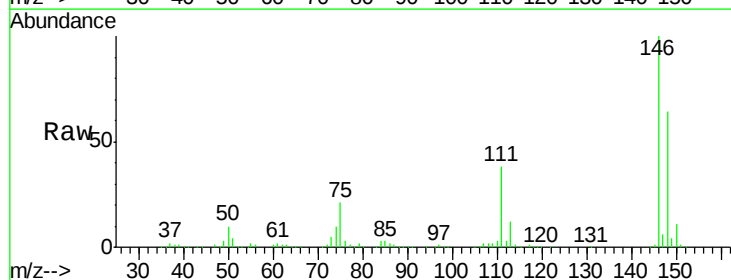
Instrument :
 BNA_F
 ClientSampleId :
 PB87925BS

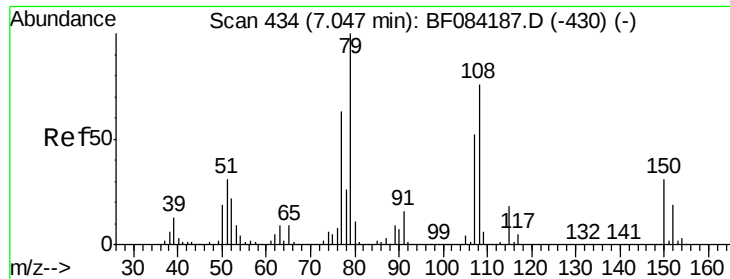
Tgt Ion:146 Resp: 486678
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.9 77.9
 111 46.3 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 32.28 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.08 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

Tgt Ion:146 Resp: 432076
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.6 77.4
 111 38.2 38.0 57.0





#15

Benzyl Alcohol

Concen: 33.44 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.08 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB87925BS

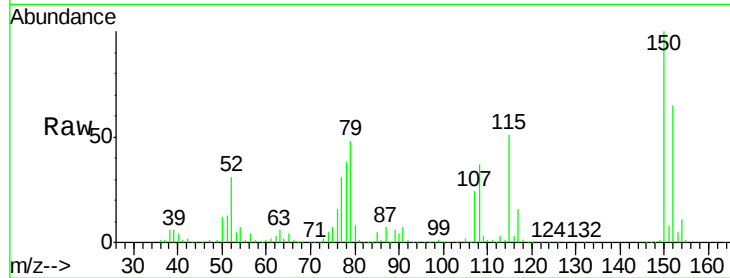
Tgt Ion: 79 Resp: 420714

Ion Ratio Lower Upper

79 100

108 76.6 69.0 103.4

77 63.8 50.0 75.0

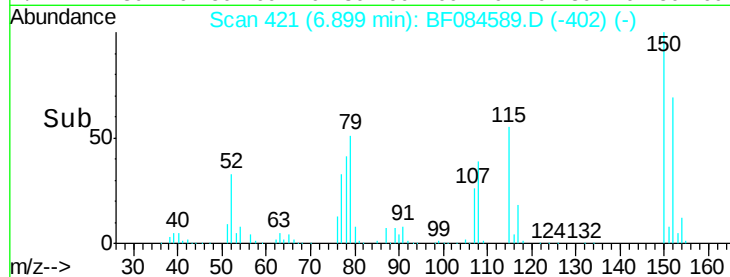


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Time-->



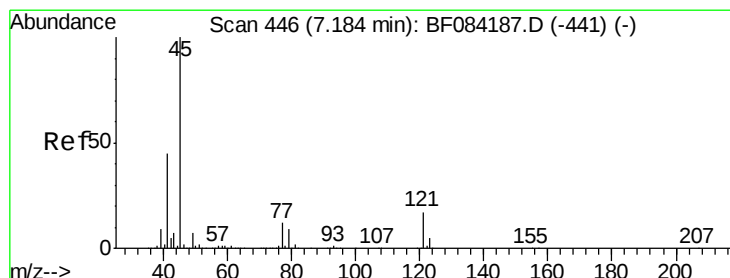
Abundance

Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.21 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.08 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

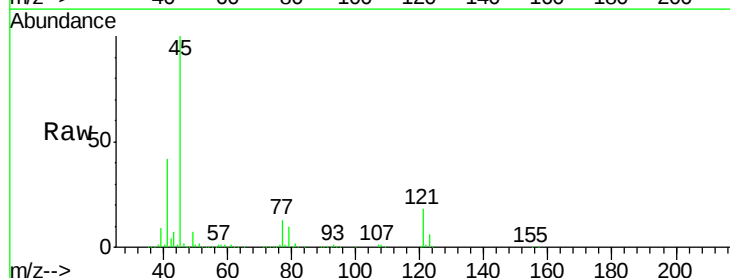
Tgt Ion: 45 Resp: 748556

Ion Ratio Lower Upper

45 100

77 12.7 0.0 39.6

79 9.8 0.0 35.0

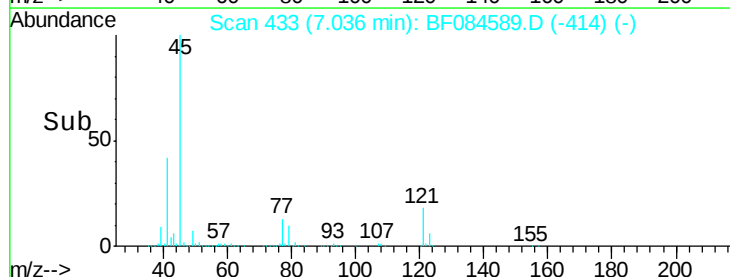


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



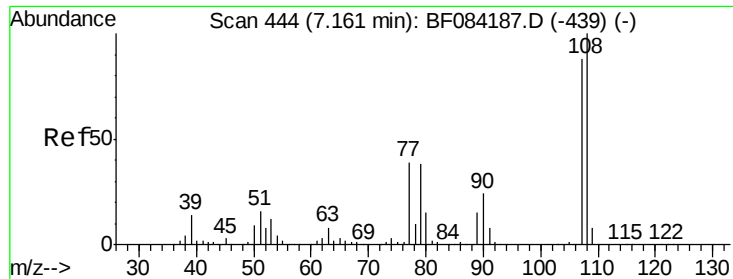
Abundance

Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#17

2-Methylphenol

Concen: 32.17 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB87925BS

Tgt Ion:107 Resp: 364210

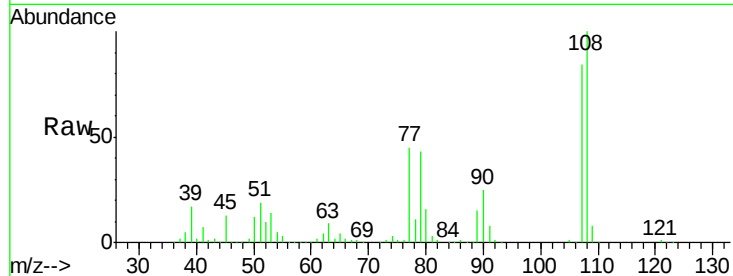
Ion Ratio Lower Upper

107 100

108 118.5 89.8 134.6

77 52.8 35.7 53.5

79 51.5 35.7 53.5

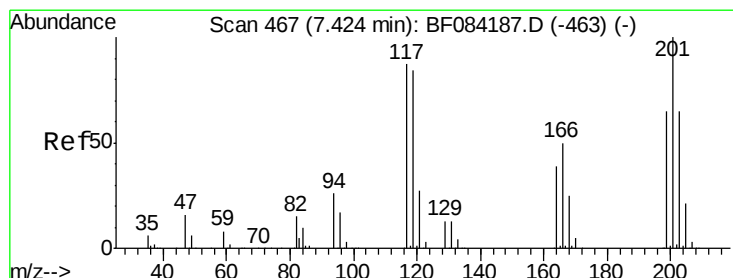
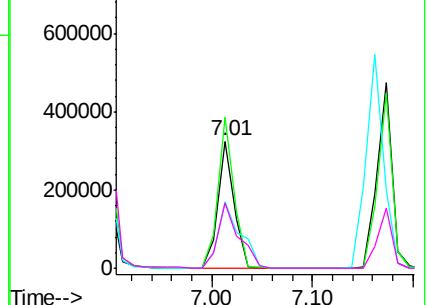
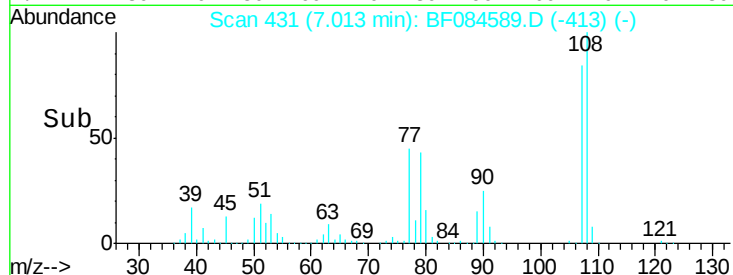


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.47 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

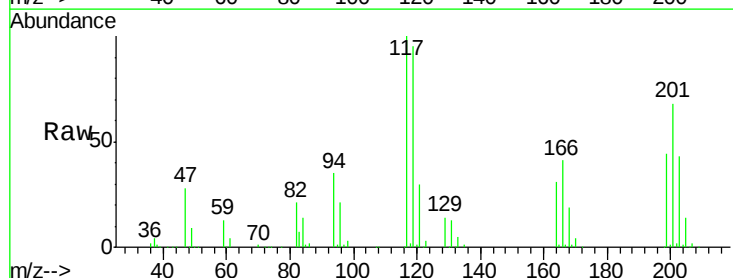
Tgt Ion:117 Resp: 187059

Ion Ratio Lower Upper

117 100

119 94.5 77.4 116.0

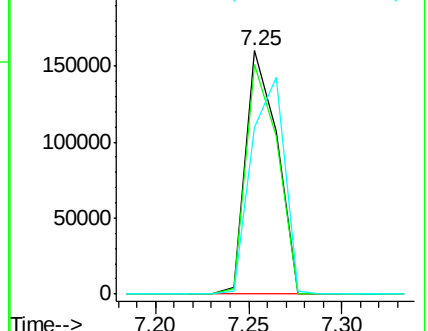
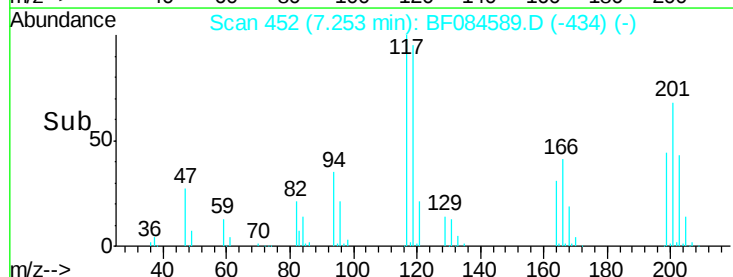
201 68.5 68.6 103.0#

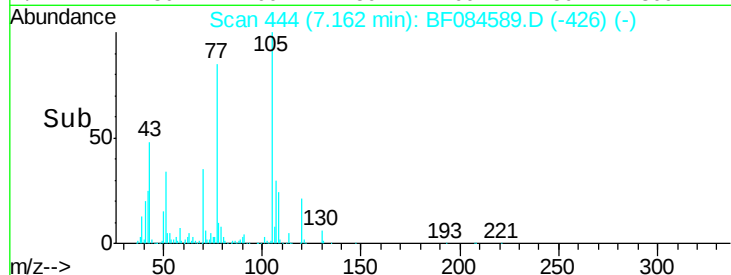
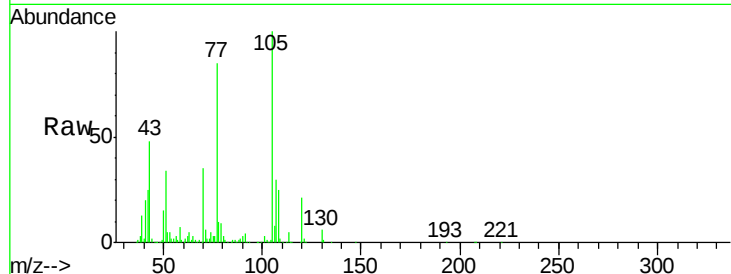
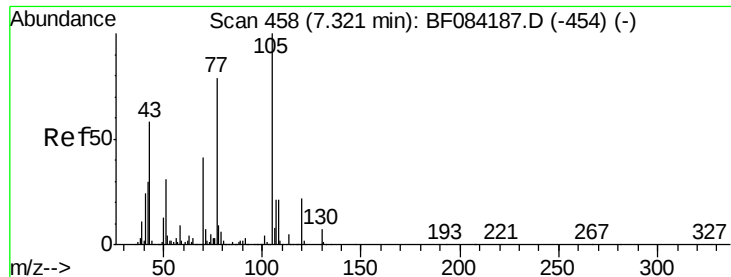


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

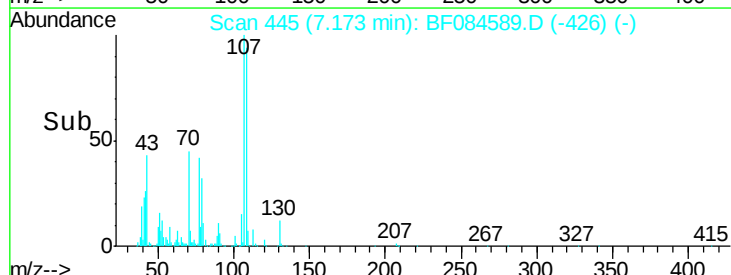
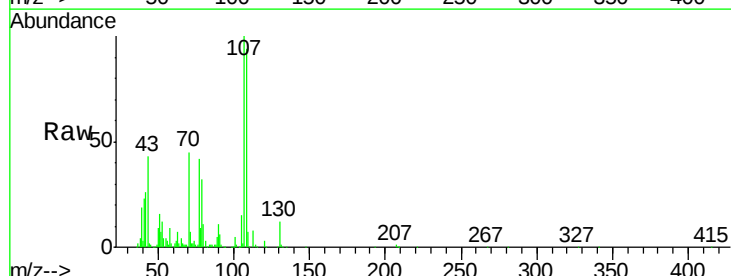
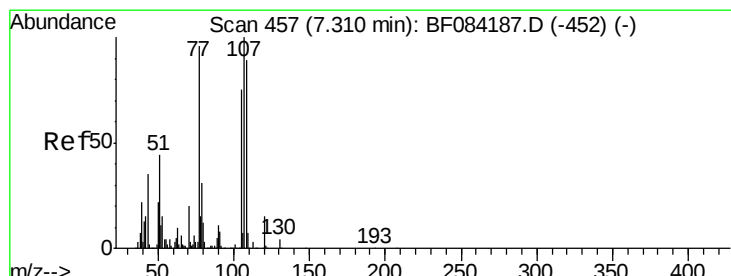
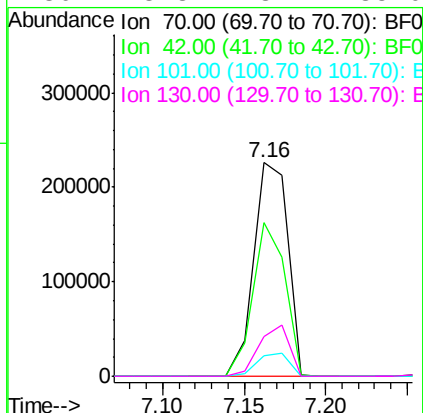




#19
n-Nitroso-di-n-propylamine
Concen: 32.47 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.09 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

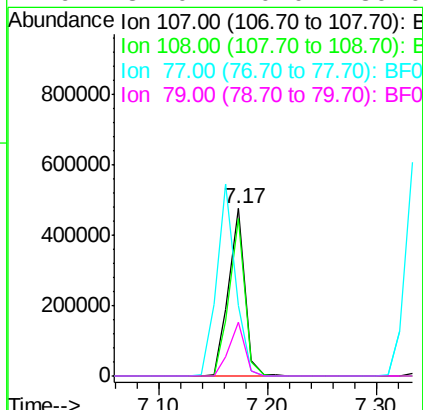
Instrument :
BNA_F
ClientSampleId :
PB87925BS

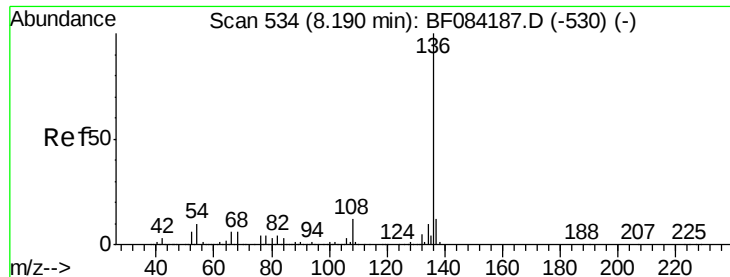
Tgt Ion: 70 Resp: 328729
Ion Ratio Lower Upper
70 100
42 71.7 33.3 49.9#
101 9.5 9.3 13.9
130 18.3 23.4 35.0#



#20
3+4-Methylphenols
Concen: 37.00 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.08 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Tgt Ion: 107 Resp: 492386
Ion Ratio Lower Upper
107 100
108 94.0 74.6 114.6
77 42.3 0.7 40.7#
79 32.0 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: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB87925BS

Tgt Ion:136 Resp: 774023

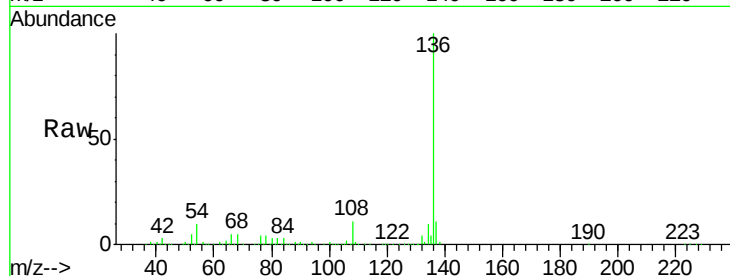
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.7 5.8 8.8#

68 5.1 4.2 6.2

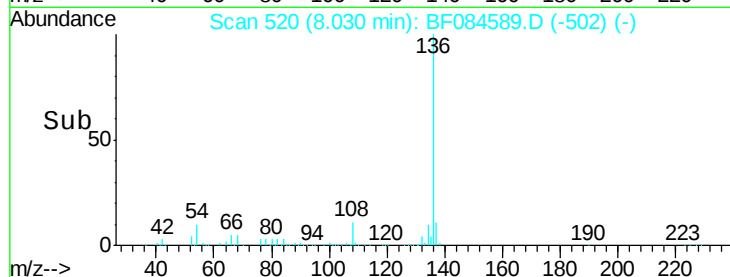


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 35.60 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Tgt Ion:105 Resp: 662579

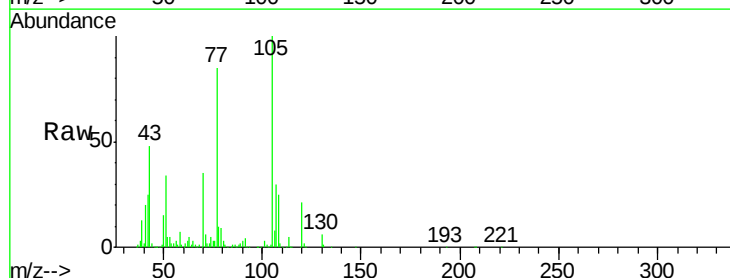
Ion Ratio Lower Upper

105 100

71 5.9 3.7 5.5#

51 33.7 25.1 37.7

120 21.0 16.6 25.0

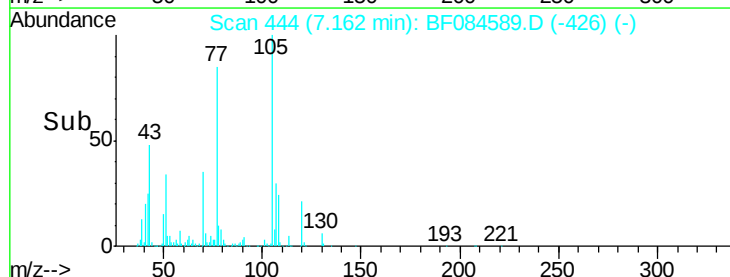


Abundance Ion 105.00 (104.70 to 105.70): E

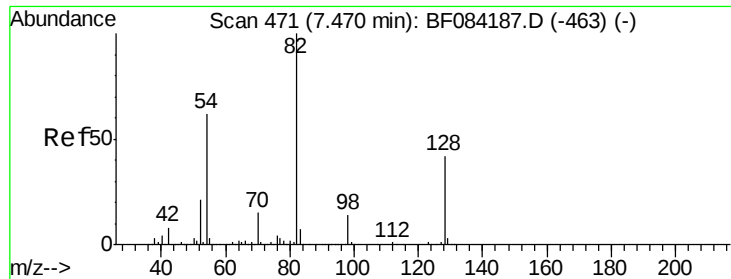
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



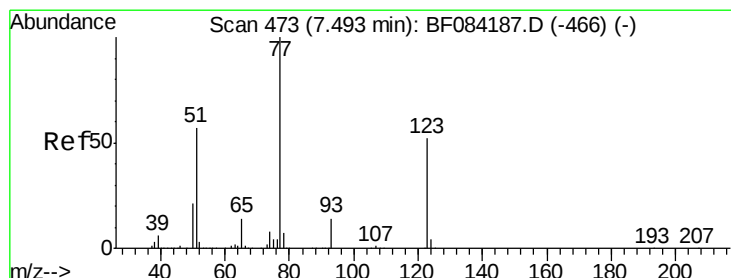
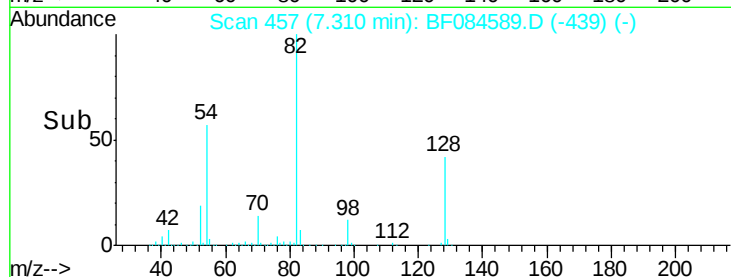
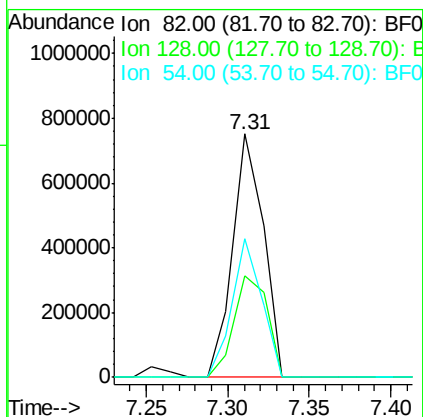
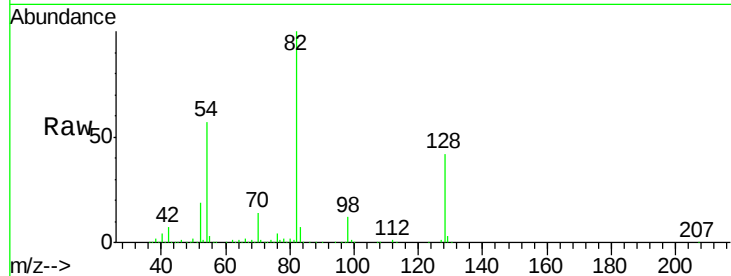
Time-->



#23
 Nitrobenzene-d5
 Concen: 70.27 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.09 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

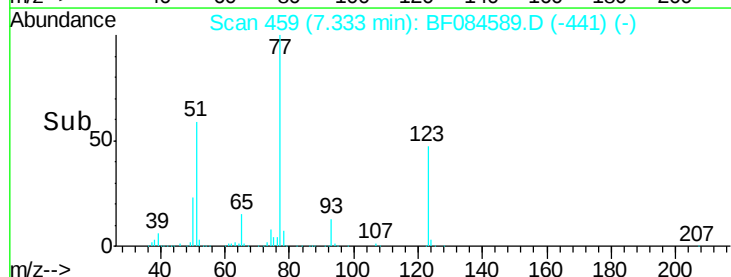
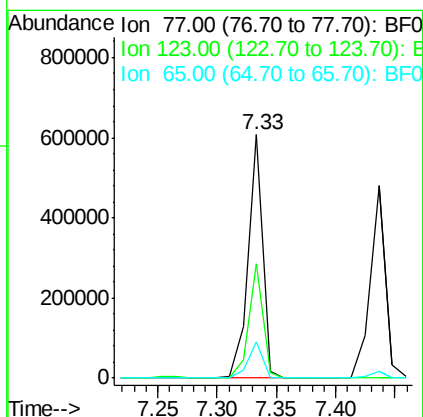
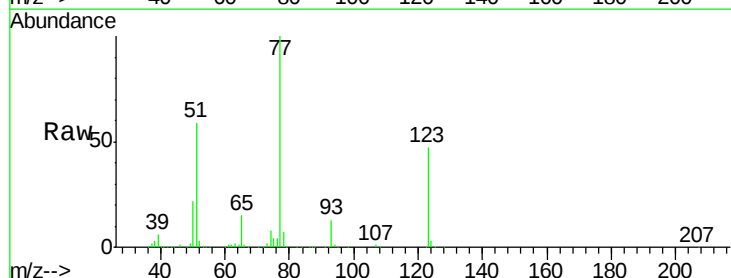
Instrument :
 BNA_F
 ClientSampleId :
 PB87925BS

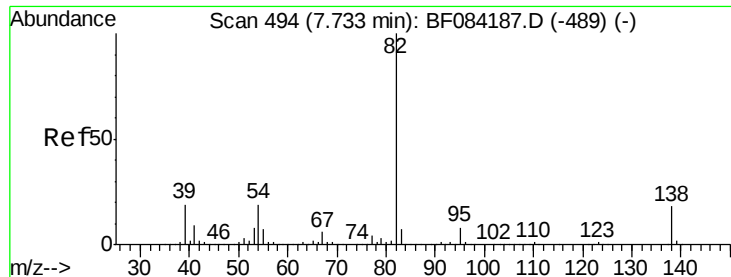
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	51.8
54	57.2	38.4	57.6



#24
 Nitrobenzene
 Concen: 37.03 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.09 min
 Lab File: BF084589.D
 Acq: 22 Jan 2016 15:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	37.4	56.2
65	14.7	10.9	16.3





#25

Isophorone

Concen: 33.37 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB87925BS

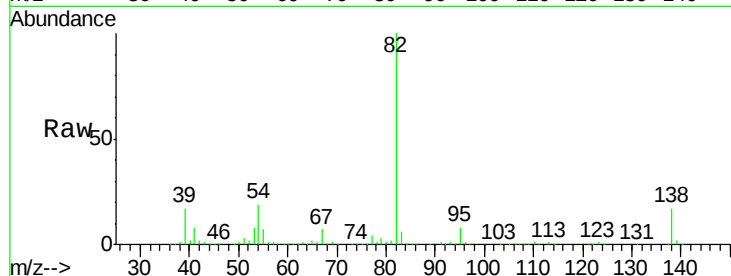
Tgt Ion: 82 Resp: 887465

Ion Ratio Lower Upper

82 100

95 7.7 6.6 10.0

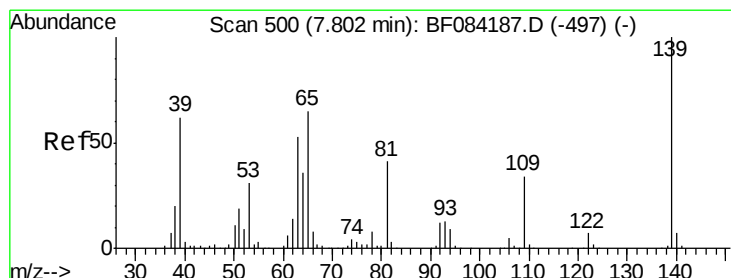
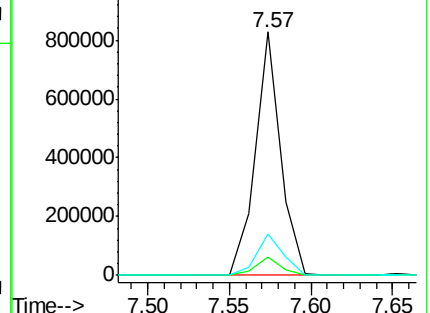
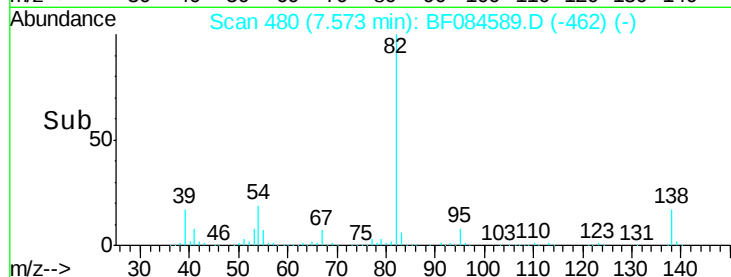
138 16.8 13.6 20.4



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: 41.60 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

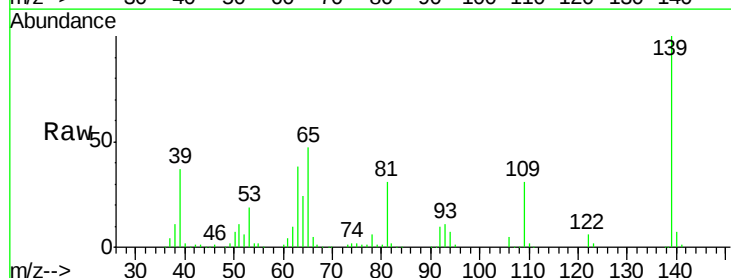
Tgt Ion: 139 Resp: 267076

Ion Ratio Lower Upper

139 100

109 30.6 25.4 38.2

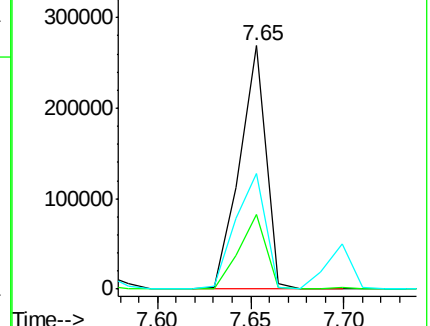
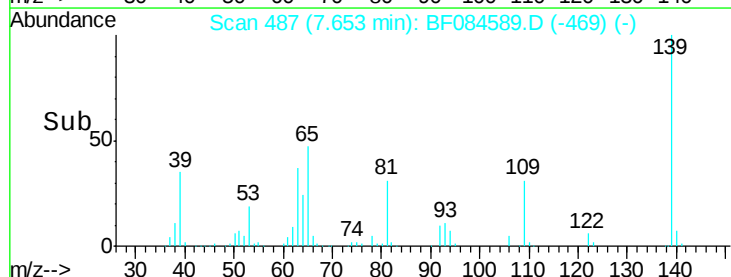
65 47.3 32.3 48.5



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: 36.51 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.08 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB87925BS

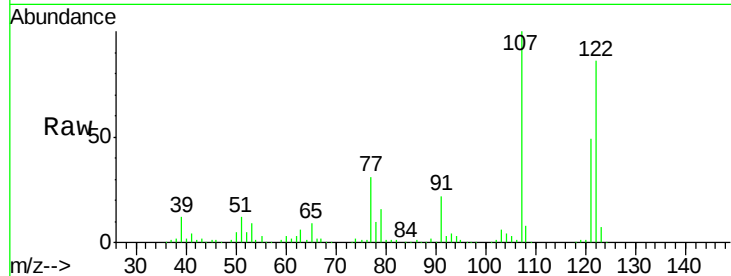
Tgt Ion:122 Resp: 474480

Ion Ratio Lower Upper

122 100

107 115.9 99.1 148.7

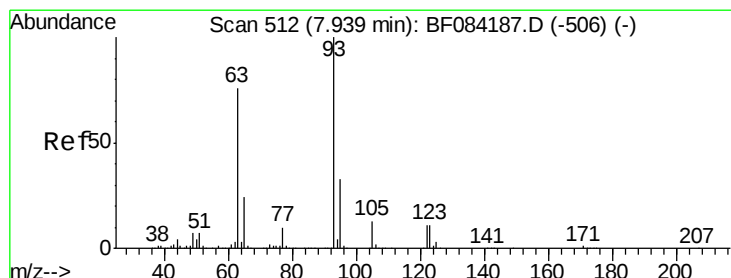
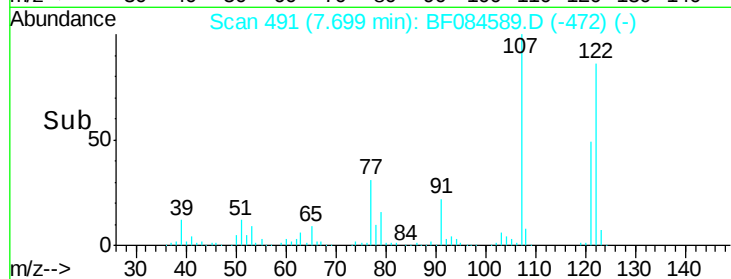
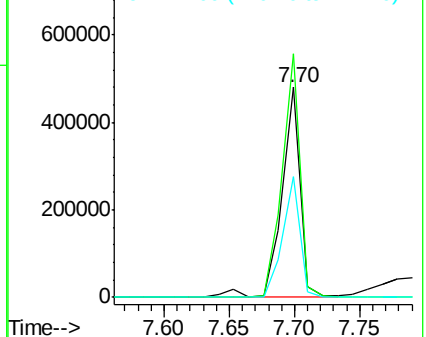
121 57.2 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.55 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

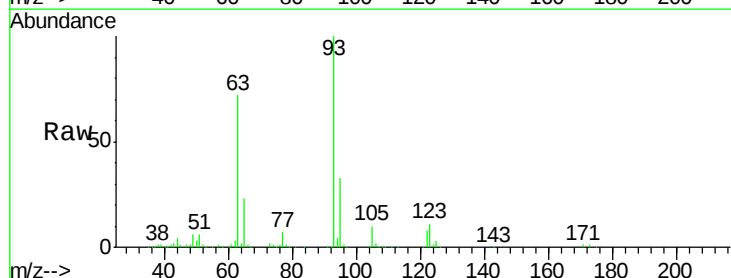
Tgt Ion: 93 Resp: 561376

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

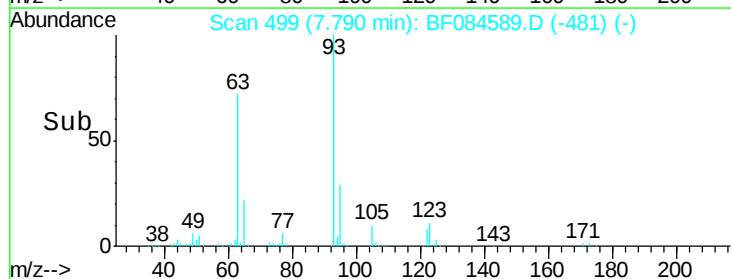
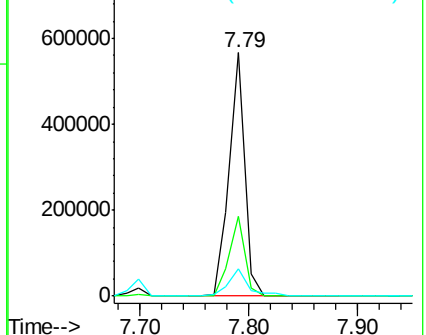
123 11.3 8.6 12.8



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: 34.76 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB87925BS

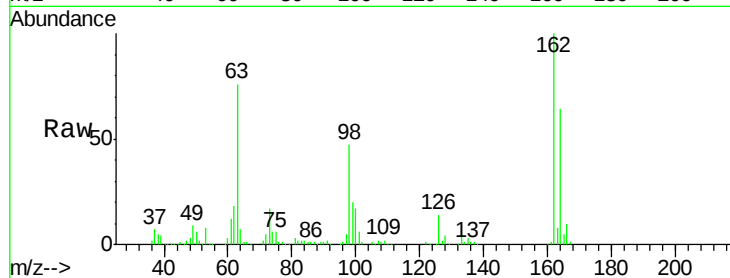
Tgt Ion:162 Resp: 376229

Ion Ratio Lower Upper

162 100

164 63.9 44.1 84.1

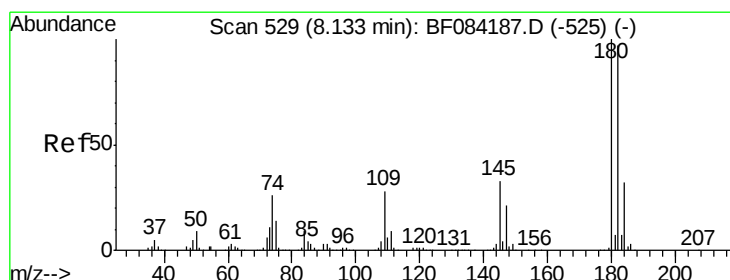
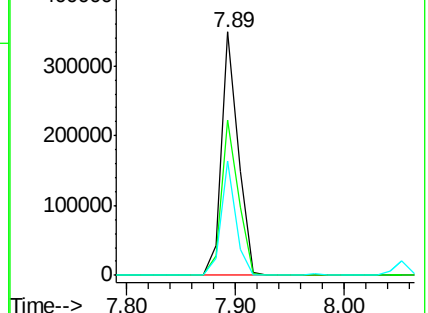
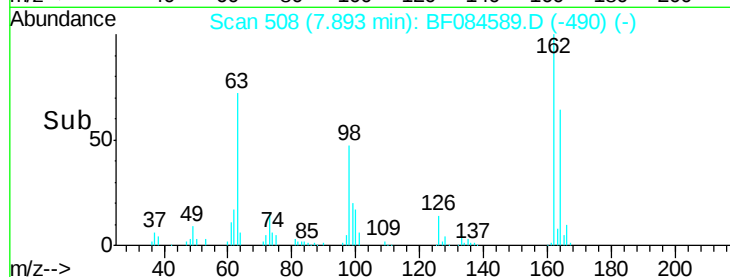
98 47.0 20.2 60.2



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: 35.90 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

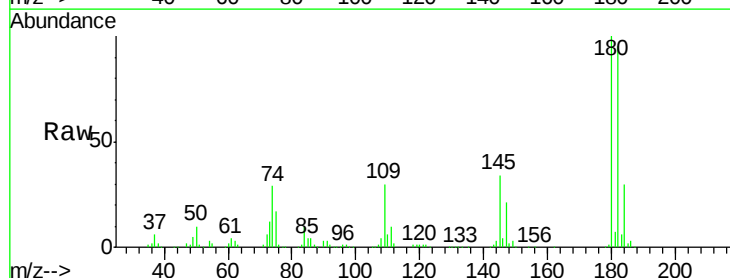
Tgt Ion:180 Resp: 401214

Ion Ratio Lower Upper

180 100

182 94.9 76.4 114.6

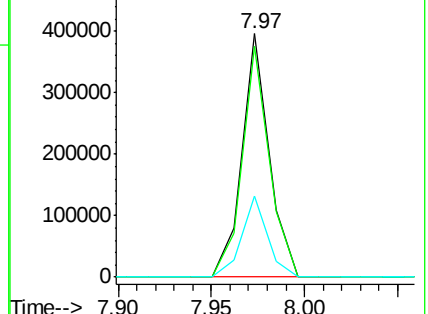
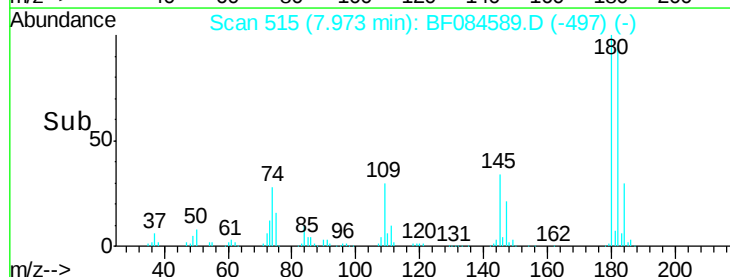
145 33.5 31.6 47.4

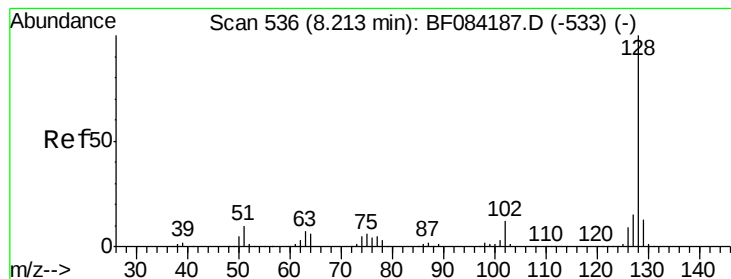


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.80 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.09 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

Instrument :

BNA_F

ClientSampleId :

PB87925BS

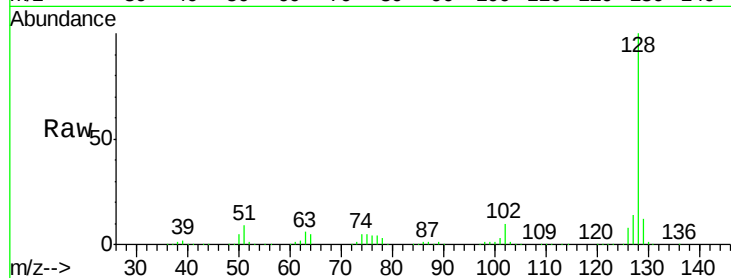
Tgt Ion:128 Resp: 1292421

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

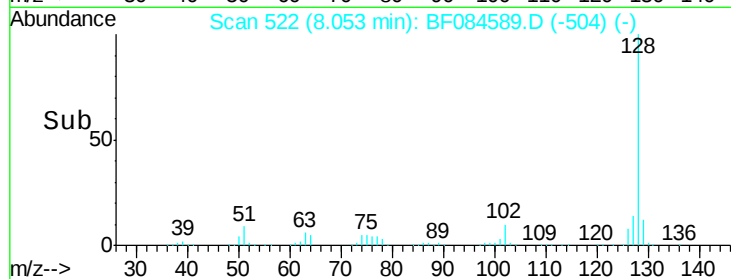
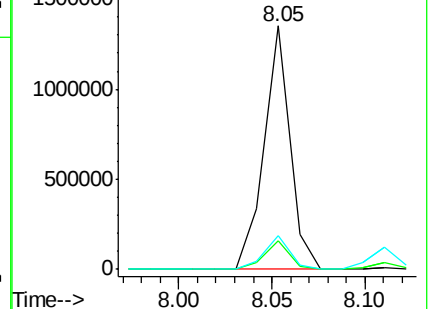
127 13.7 11.1 16.7



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: 34.34 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.07 min

Lab File: BF084589.D

Acq: 22 Jan 2016 15:09

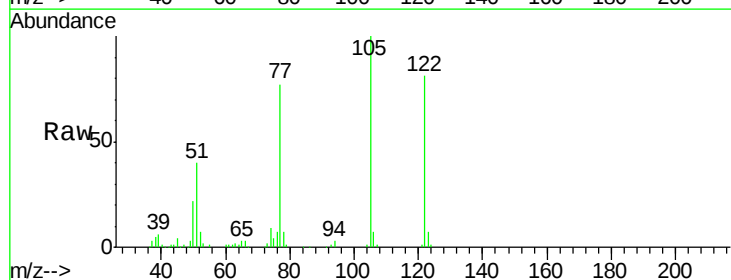
Tgt Ion:122 Resp: 269927

Ion Ratio Lower Upper

122 100

105 123.7 100.3 140.3

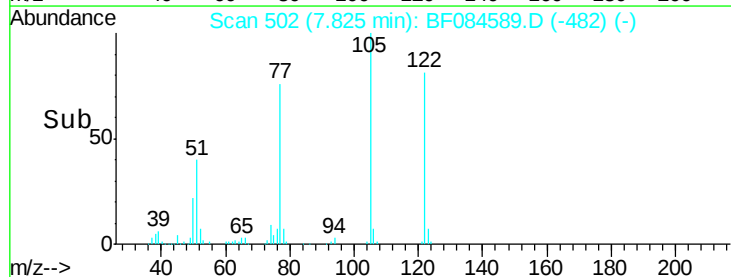
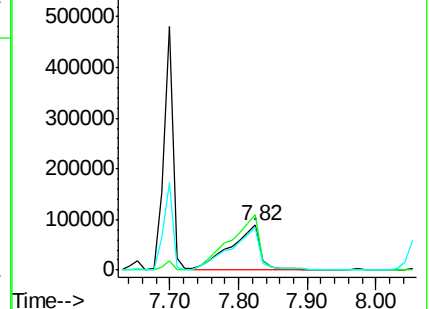
77 95.2 63.5 103.5



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

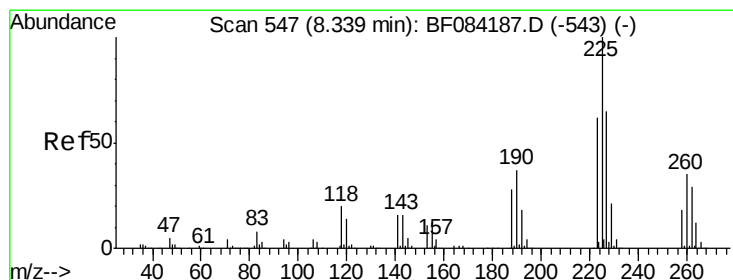
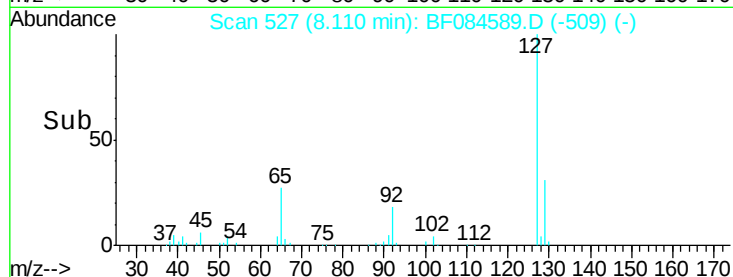
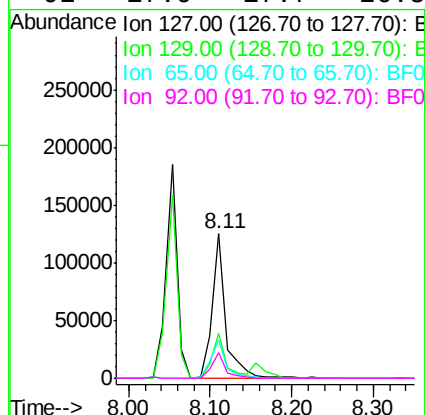
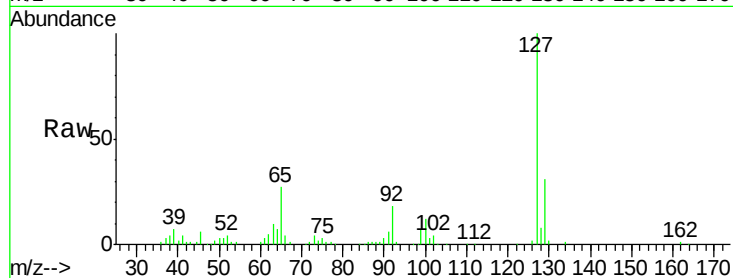




#33
4-Chloroaniline
Concen: 9.17 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.09 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Instrument :
BNA_F
ClientSampleId :
PB87925BS

Tgt Ion:	127	Resp:	147640
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.5	39.7
65	26.8	27.2	40.8#
92	17.9	17.7	26.5



#34
Hexachlorobutadiene
Concen: 37.99 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF084589.D
Acq: 22 Jan 2016 15:09

Tgt Ion:	225	Resp:	244014
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.4	74.0
227	64.6	50.8	76.2

