

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087042.D
 Acq On : 15 May 2016 2:00
 Operator : UM/SJ
 Sample : PB90575BS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BS

Quant Time: May 16 04:50:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	394641	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	579034	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	268250	20.00	ng	-0.09
63) Phenanthrene-d10	11.13	188	520362	20.00	ng	-0.08
75) Chrysene-d12	13.75	240	338153	20.00	ng	-0.09
86) Perylene-d12	15.11	264	307432	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	882627	37.88	ng	-0.08
7) Phenol-d6	6.40	99	37601	1.21	ng	0.04
23) Nitrobenzene-d5	7.19	82	787127	68.26	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	312539	110.05	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1294308	81.09	ng	-0.08
78) Terphenyl-d14	12.71	244	1116053	70.03	ng	-0.09

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	122125	10.67	ng	# 62
3) Pyridine	2.79	79	308212	11.02	ng	# 65
4) n-Nitrosodimethylamine	2.74	42	266125	13.12	ng	# 49
6) Aniline	6.35	93	323331	8.58	ng	# 52
8) 2-Chlorophenol	6.40	128	350421	12.46	ng	83
10) Phenol	6.30	94	470959	12.72	ng	87
11) bis(2-Chloroethyl)ether	6.35	93	323331	11.20	ng	# 81
12) 1,3-Dichlorobenzene	6.78	146	329544	10.83	ng	# 85
13) 1,4-Dichlorobenzene	6.63	146	382179	12.32	ng	95
14) 1,2-Dichlorobenzene	6.78	146	329544	12.18	ng	94
15) Benzyl Alcohol	6.78	79	312055	14.51	ng	88
16) 2,2'-oxybis(1-Chloropropan	6.90	45	694139	11.06	ng	54
17) 2-Methylphenol	7.06	107	386567	17.28	ng	# 81
18) Hexachloroethane	7.12	117	142281	12.19	ng	97
19) n-Nitroso-di-n-propylamine	7.19	70	113200	5.20	ng	# 73
20) 3+4-Methylphenols	7.06	107	384296	13.15	ng	# 60
22) Acetophenone	7.04	105	507368	37.10	ng	# 94
24) Nitrobenzene	7.21	77	408534	34.44	ng	92
25) Isophorone	7.45	82	730633	34.15	ng	96
26) 2-Nitrophenol	7.52	139	175666	33.69	ng	# 65
27) 2,4-Dimethylphenol	7.59	122	306921	34.55	ng	94
28) bis(2-Chloroethoxy)methane	7.67	93	450938	39.07	ng	99
29) 2,4-Dichlorophenol	7.78	162	279307	35.73	ng	92
30) 1,2,4-Trichlorobenzene	7.84	180	299221	34.23	ng	95
31) Naphthalene	7.92	128	985242	33.97	ng	99
32) Benzoic acid	7.74	122	164646	31.56	ng	# 83
33) 4-Chloroaniline	7.99	127	168552	14.96	ng	# 95
34) Hexachlorobutadiene	8.04	225	176387	34.78	ng	98
35) Caprolactam	8.35	113	89885	33.79	ng	# 38
36) 4-Chloro-3-methylphenol	8.49	107	327734	34.57	ng	93
37) 2-Methylnaphthalene	8.62	142	680076	40.11	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	261982	33.59	ng	98
40) Hexachlorocyclopentadiene	8.76	237	232661	62.85	ng	94
42) 2,4,6-Trichlorophenol	8.90	196	177424	34.02	ng	95

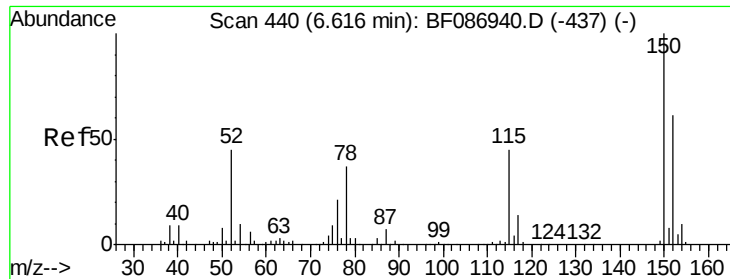
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087042.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.96	196	177156	32.85	ng	96
45) 1,1'-Biphenyl	9.07	154	794000	37.21	ng	96
46) 2-Chloronaphthalene	9.10	162	585462	35.02	ng	92
47) 2-Nitroaniline	9.21	65	241606	39.55	ng	# 76
48) Acenaphthylene	9.51	152	892818	36.31	ng	98
49) Dimethylphthalate	9.39	163	764306	37.35	ng	99
50) 2,6-Dinitrotoluene	9.45	165	147618	34.27	ng	# 73
51) Acenaphthene	9.68	154	540773	35.36	ng	99
52) 3-Nitroaniline	9.62	138	101476	22.38	ng	82
53) 2,4-Dinitrophenol	9.74	184	93568	46.12	ng	90
54) Dibenzofuran	9.85	168	786768	40.07	ng	91
55) 4-Nitrophenol	9.85	139	522360	167.48	ng	# 23
56) 2,4-Dinitrotoluene	9.86	165	194056	36.41	ng	# 77
57) Fluorene	10.19	166	601344	35.91	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	161748	39.83	ng	96
59) Diethylphthalate	10.09	149	745308	37.37	ng	96
60) 4-Chlorophenyl-phenylether	10.19	204	307229	41.32	ng	90
61) 4-Nitroaniline	10.24	138	159252	36.57	ng	# 73
62) Azobenzene	10.35	77	884129	41.09	ng	87
64) 4,6-Dinitro-2-methylphenol	10.26	198	90382	27.96	ng	# 42
65) n-Nitrosodiphenylamine	10.32	169	603054	37.72	ng	99
66) 4-Bromophenyl-phenylether	10.67	248	173899	32.96	ng	# 88
67) Hexachlorobenzene	10.74	284	228400	37.04	ng	# 92
68) Atrazine	10.85	200	167455	31.36	ng	94
69) Pentachlorophenol	10.95	266	179631	63.04	ng	96
70) Phenanthrene	11.15	178	1017415	36.64	ng	100
71) Anthracene	11.20	178	963373	33.92	ng	99
72) Carbazole	11.37	167	886156	36.30	ng	99
73) Di-n-butylphthalate	11.70	149	1140999	38.27	ng	99
74) Fluoranthene	12.33	202	991195	34.70	ng	96
76) Benzidine	12.47	184	230884	26.78	ng	96
77) Pyrene	12.56	202	1040020	40.17	ng	100
79) Butylbenzylphthalate	13.19	149	439277	40.12	ng	# 74
80) Benzo(a)anthracene	13.74	228	718536	37.85	ng	98
81) 3,3'-Dichlorobenzidine	13.71	252	156545	12.98	ng	# 97
82) Chrysene	13.78	228	748633	38.77	ng	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	565534	42.93	ng	# 96
84) Di-n-octyl phthalate	14.35	149	906966	41.57	ng	# 84
85) Indeno(1,2,3-cd)pyrene	16.35	276	667632	41.55	ng	95
87) Benzo(b)fluoranthene	14.74	252	1242205	62.17	ng	# 97
88) Benzo(k)fluoranthene	14.74	252	1242582	75.95	ng	100
89) Benzo(a)pyrene	15.06	252	606510	35.19	ng	# 96
90) Dibenzo(a,h)anthracene	16.37	278	553414	38.10	ng	97
91) Benzo(g,h,i)perylene	16.73	276	557230	37.76	ng	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.07 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

PB90575BS

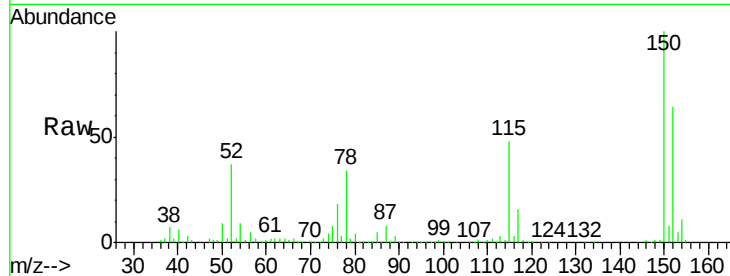
Tgt Ion:152 Resp: 394641

Ion Ratio Lower Upper

152 100

150 157.0 125.8 188.6

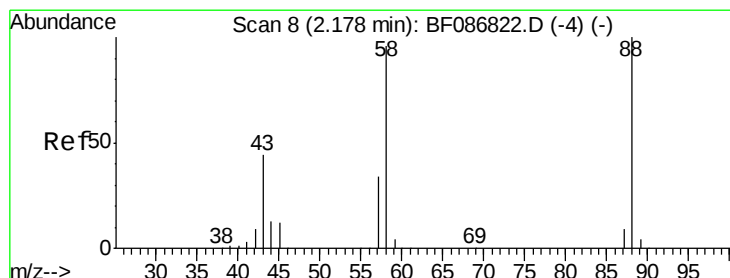
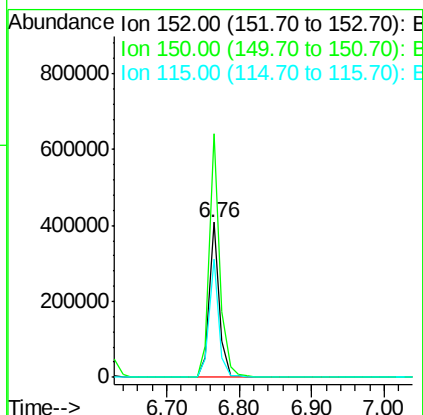
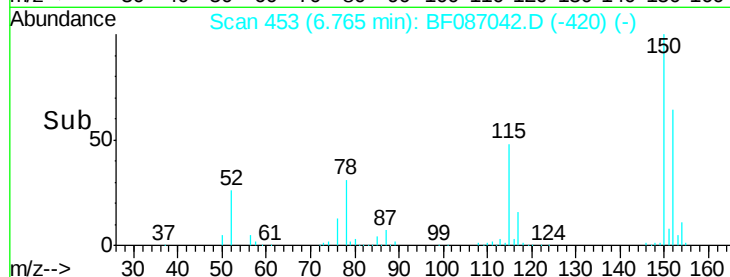
115 75.8 51.5 77.3



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: 10.67 ng

RT: 2.15 min Scan# 49

Delta R.T. -0.03 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

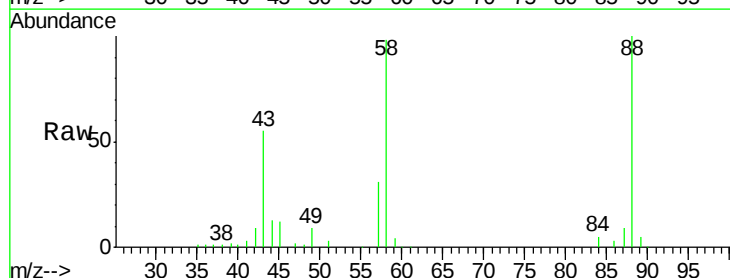
Tgt Ion: 88 Resp: 122125

Ion Ratio Lower Upper

88 100

58 100.2 59.6 89.4#

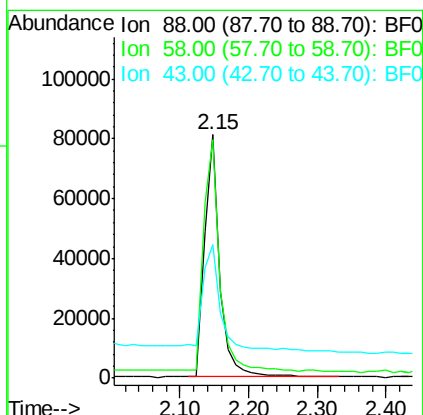
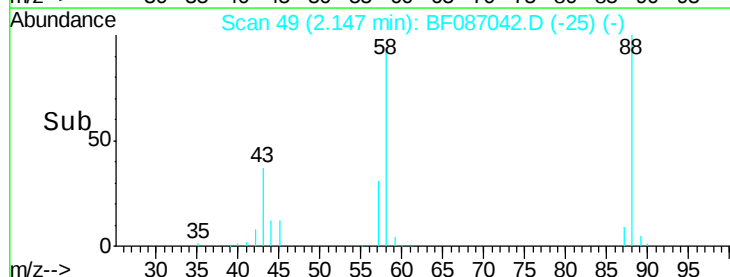
43 58.7 21.8 32.6#

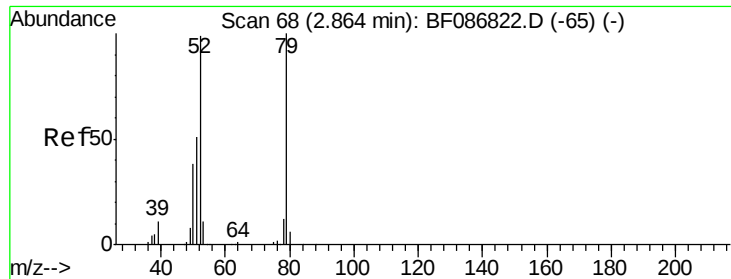


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 11.02 ng

RT: 2.79 min Scan# 105

Delta R.T. -0.08 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

PB90575BS

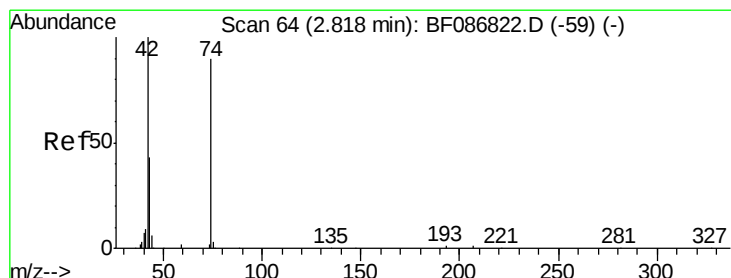
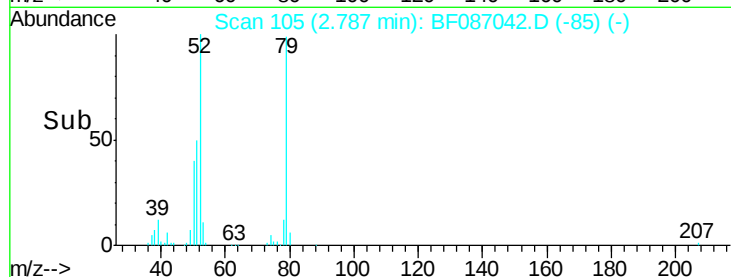
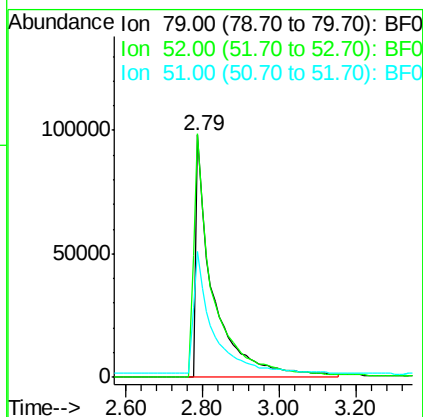
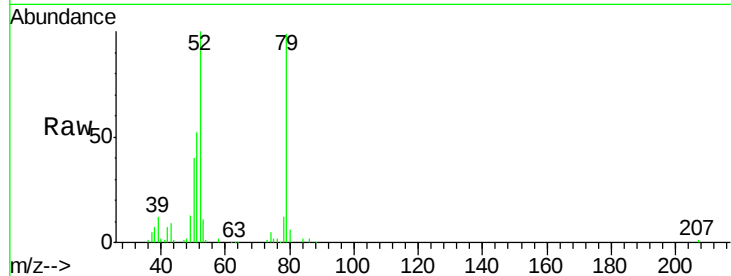
Tgt Ion: 79 Resp: 308212

Ion Ratio Lower Upper

79 100

52 100.6 55.9 83.9#

51 52.2 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 13.12 ng

RT: 2.74 min Scan# 101

Delta R.T. -0.08 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

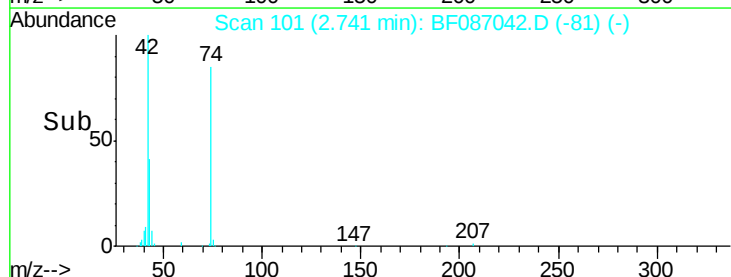
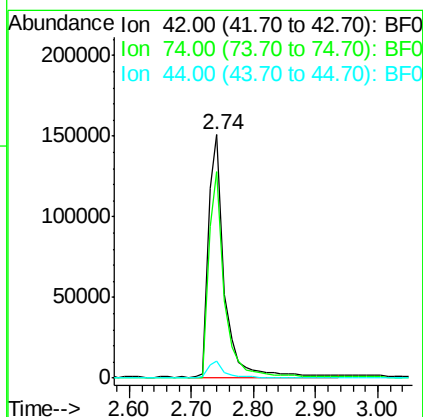
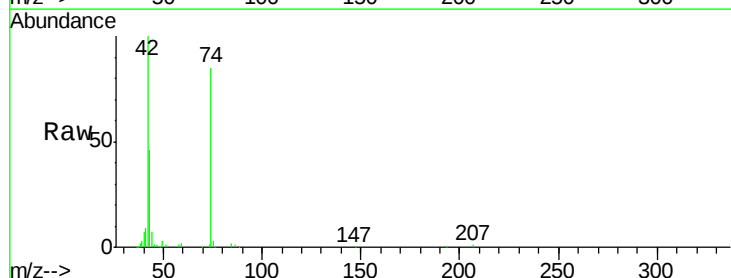
Tgt Ion: 42 Resp: 266125

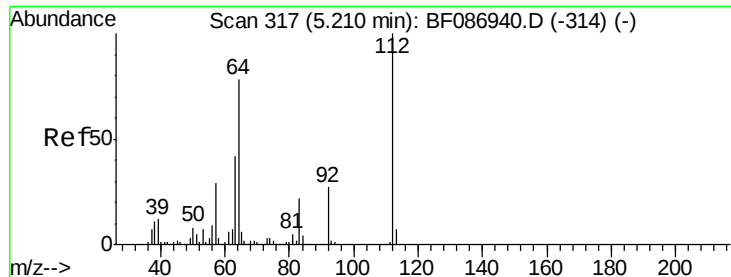
Ion Ratio Lower Upper

42 100

74 85.0 123.4 185.0#

44 6.9 5.8 8.6





#5

2-Fluorophenol

Concen: 37.88 ng

RT: 5.21 min Scan# 317

Delta R.T. -0.08 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampled :

PB90575BS

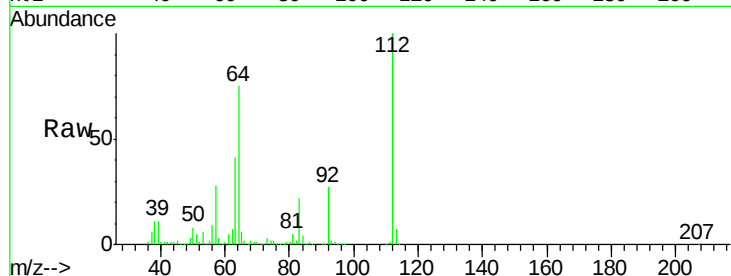
Tgt Ion: 112 Resp: 882627

Ion Ratio Lower Upper

112 100

64 75.0 52.1 78.1

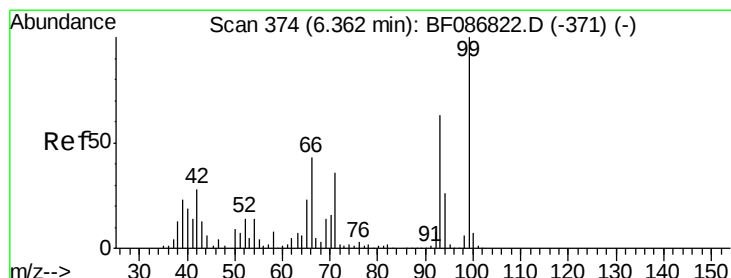
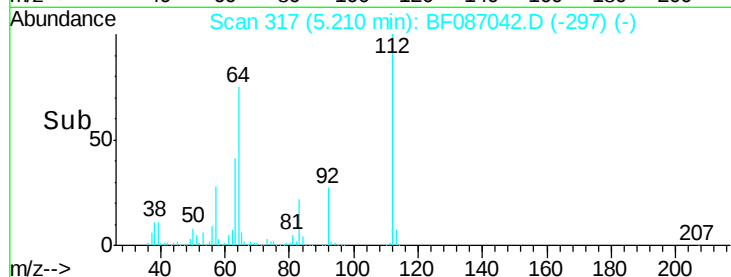
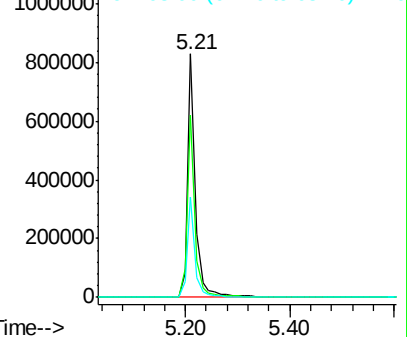
63 41.0 25.7 38.5#



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: 8.58 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

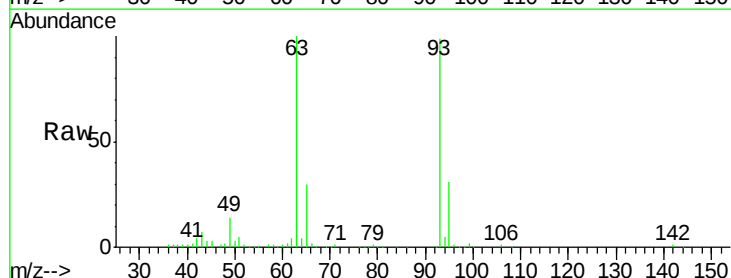
Tgt Ion: 93 Resp: 323331

Ion Ratio Lower Upper

93 100

66 1.7 39.0 58.6#

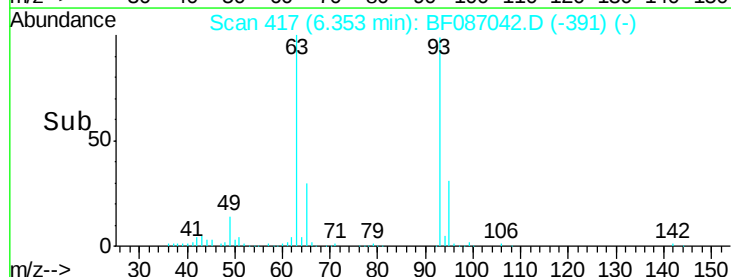
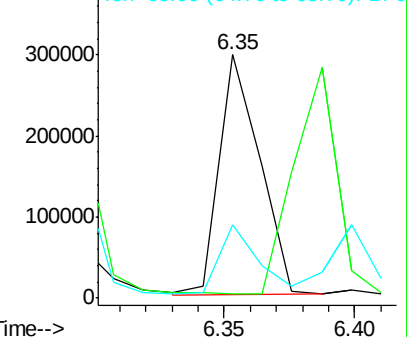
65 30.2 20.6 31.0

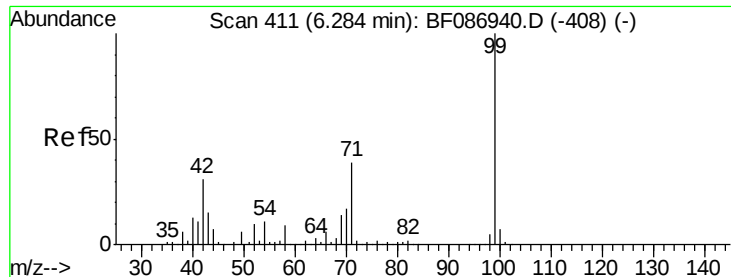


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 1.21 ng

RT: 6.40 min Scan# 421

Delta R.T. 0.04 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

PB90575BS

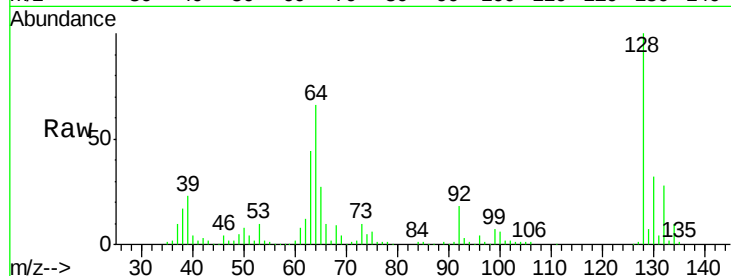
Tgt Ion: 99 Resp: 37601

Ion Ratio Lower Upper

99 100

42 41.1 13.6 20.4#

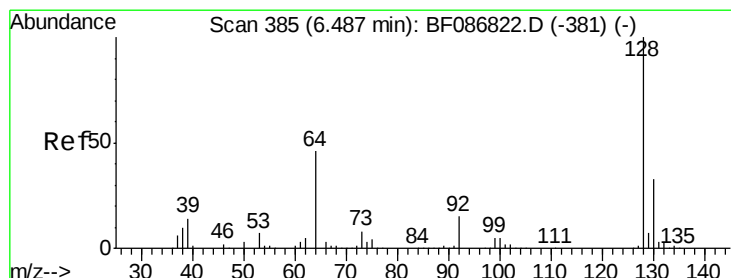
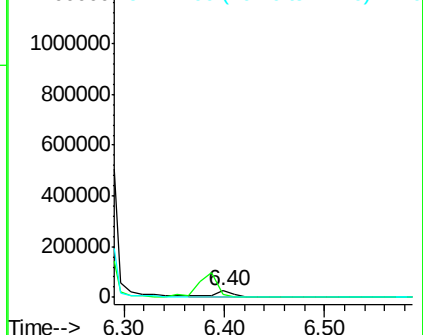
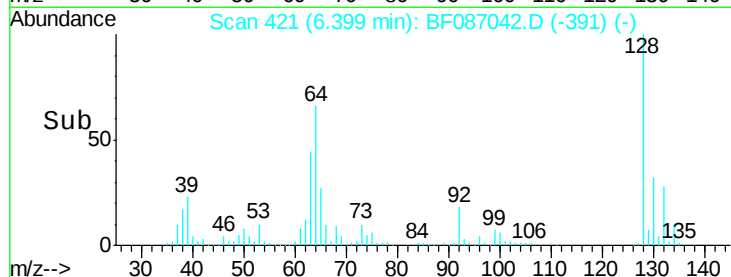
71 9.4 24.6 36.8#



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: 12.46 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.09 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

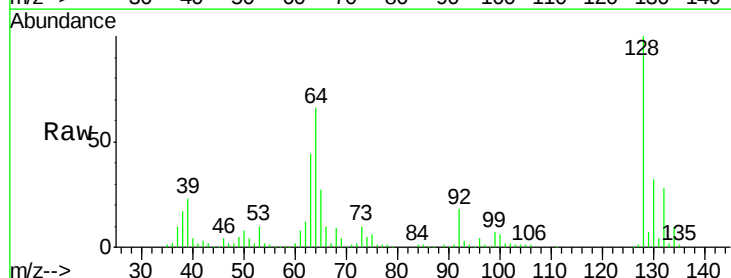
Tgt Ion: 128 Resp: 350421

Ion Ratio Lower Upper

128 100

130 31.9 12.5 52.5

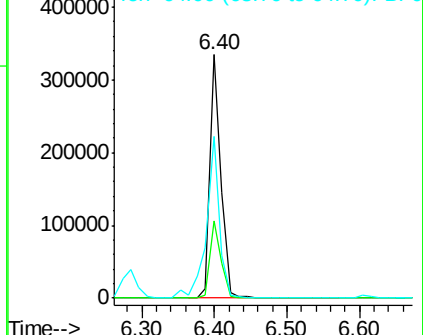
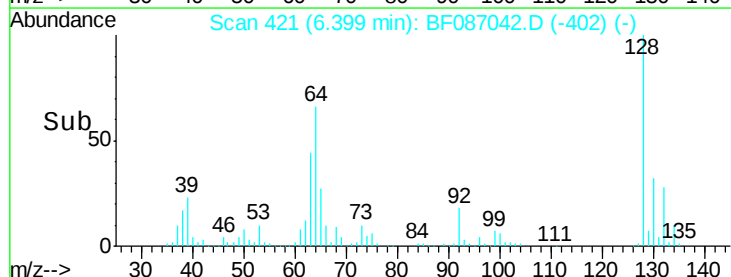
64 66.2 27.3 67.3

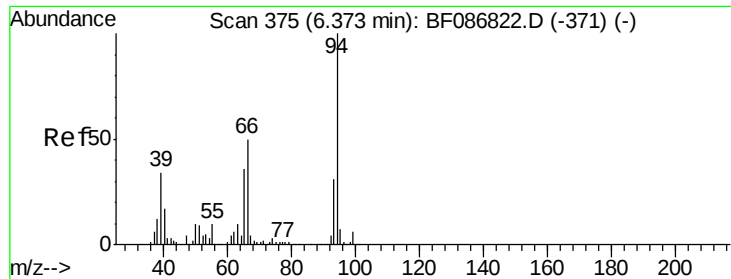


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 12.72 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.08 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

PB90575BS

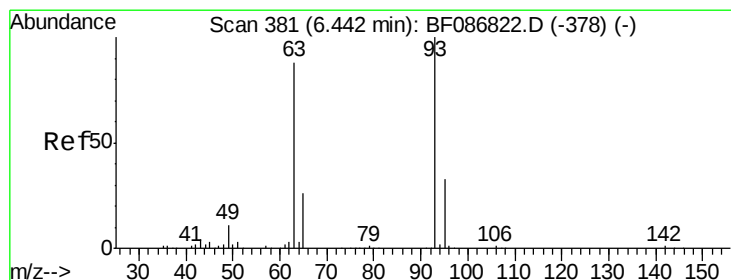
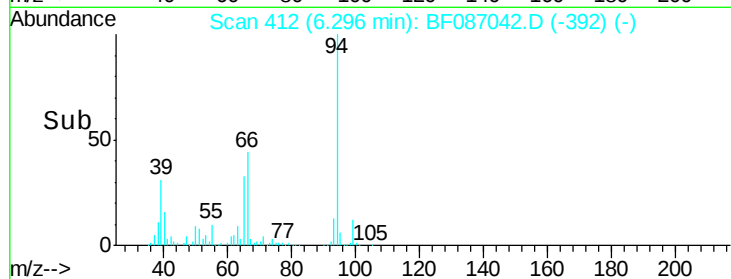
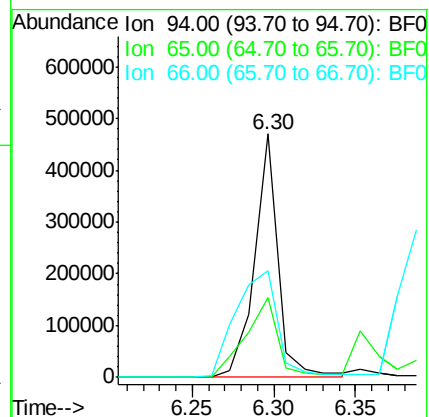
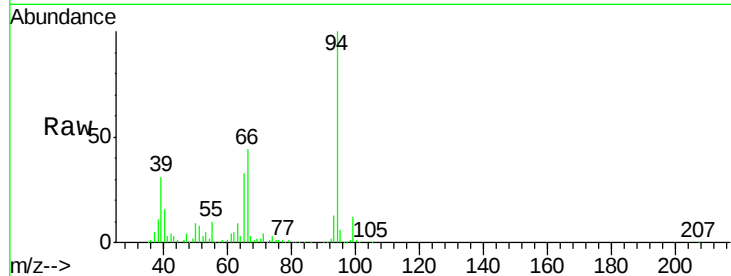
Tgt Ion: 94 Resp: 470959

Ion Ratio Lower Upper

94 100

65 32.6 7.2 47.2

66 44.1 14.9 54.9



#11

bis(2-Chloroethyl)ether

Concen: 11.20 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.09 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

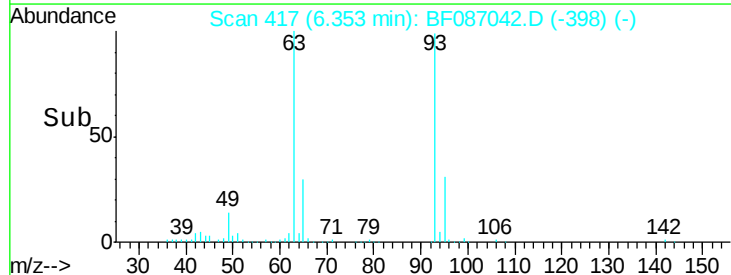
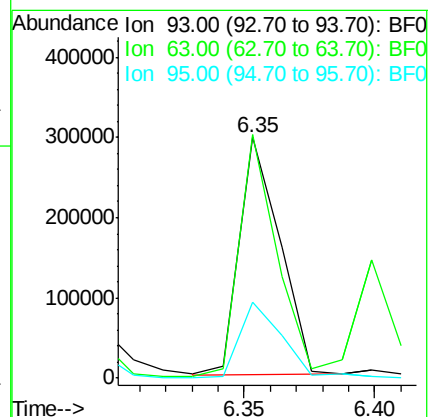
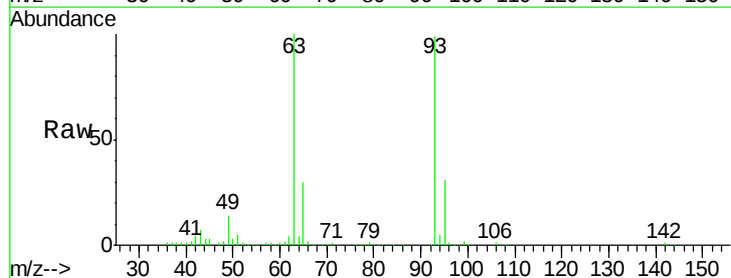
Tgt Ion: 93 Resp: 323331

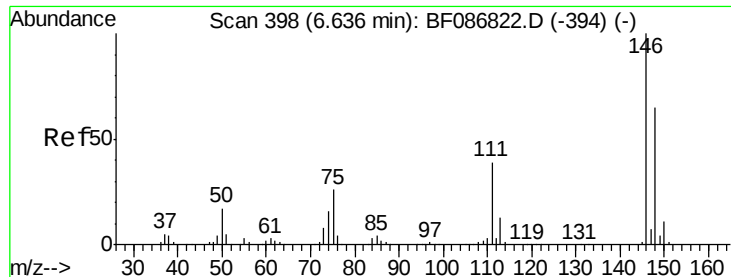
Ion Ratio Lower Upper

93 100

63 101.0 58.0 98.0#

95 31.7 11.9 51.9





#12

1,3-Dichlorobenzene

Concen: 10.83 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

PB90575BS

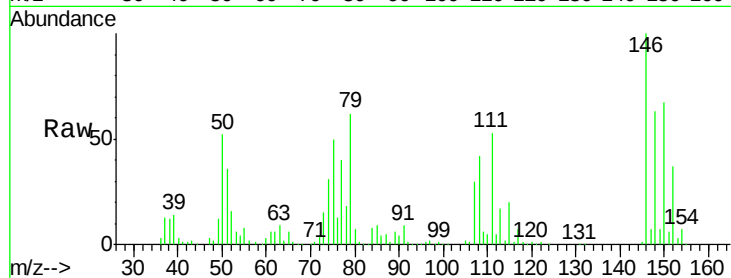
Tgt Ion:146 Resp: 329544

Ion Ratio Lower Upper

146 100

148 62.5 52.4 78.6

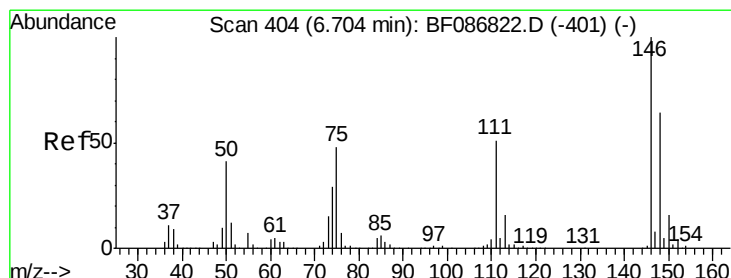
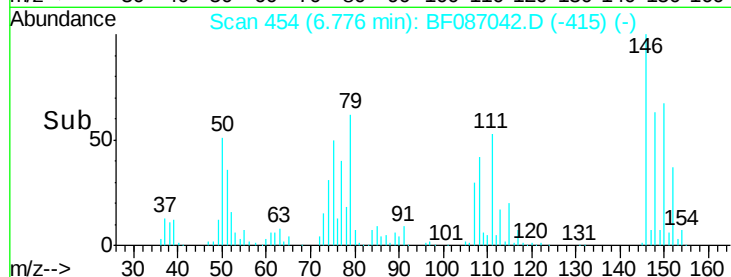
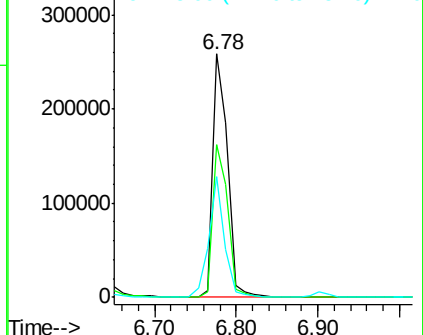
75 49.6 22.8 34.2#



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: 12.32 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.08 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

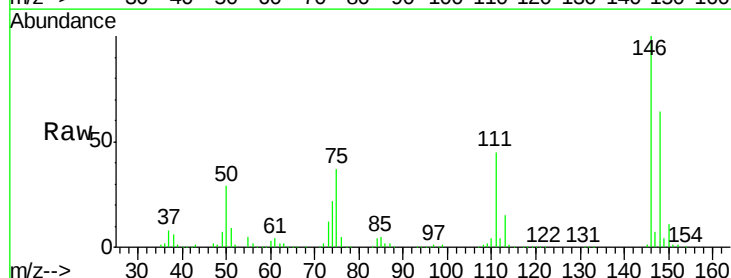
Tgt Ion:146 Resp: 382179

Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.4

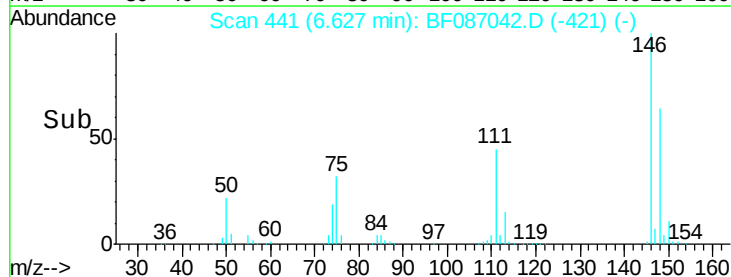
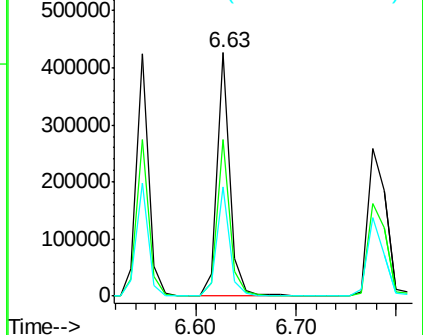
111 45.1 30.7 46.1

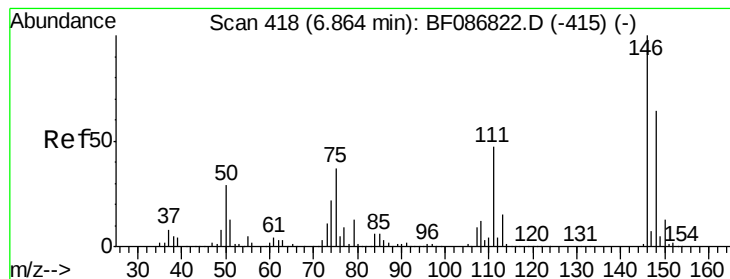


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 12.18 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.09 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

PB90575BS

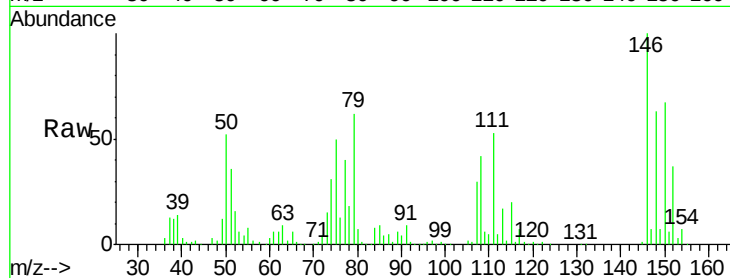
Tgt Ion: 146 Resp: 329544

Ion Ratio Lower Upper

146 100

148 62.5 51.0 76.6

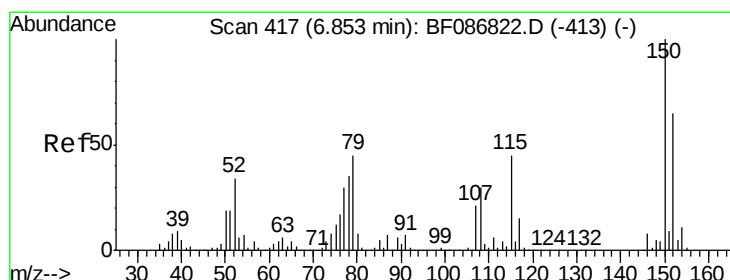
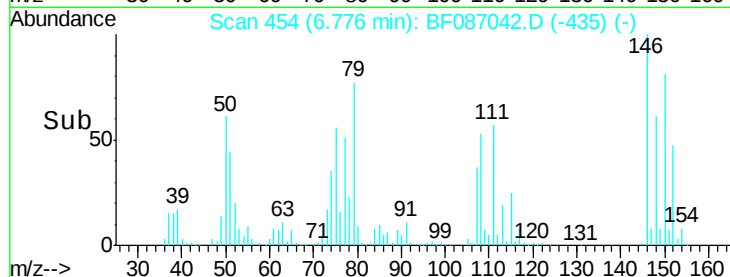
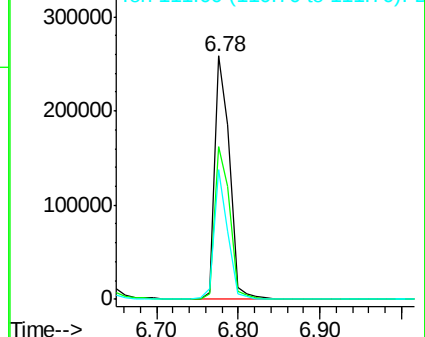
111 53.1 36.2 54.4



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



#15

Benzyl Alcohol

Concen: 14.51 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.08 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

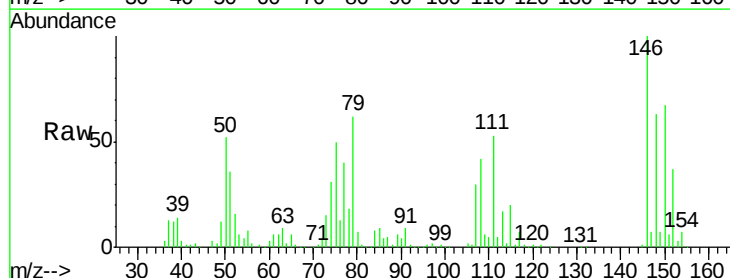
Tgt Ion: 79 Resp: 312055

Ion Ratio Lower Upper

79 100

108 68.9 68.4 102.6

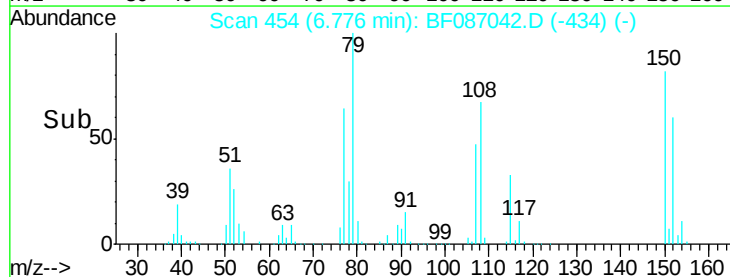
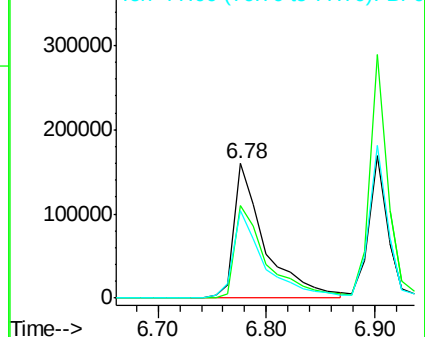
77 65.4 50.6 76.0

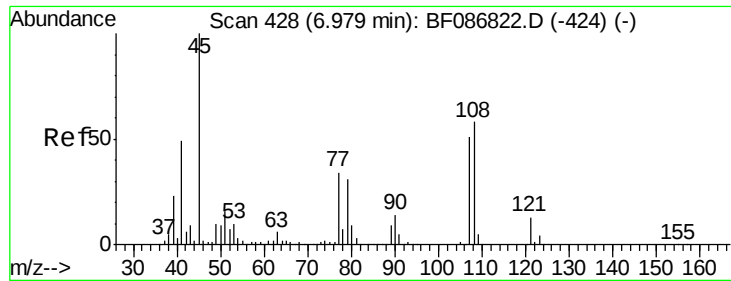


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

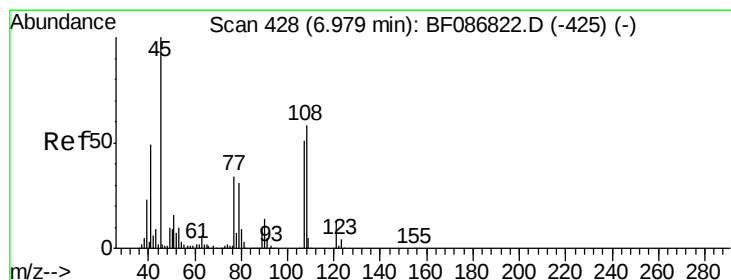
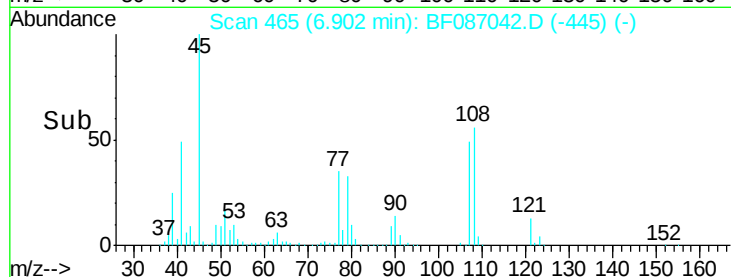
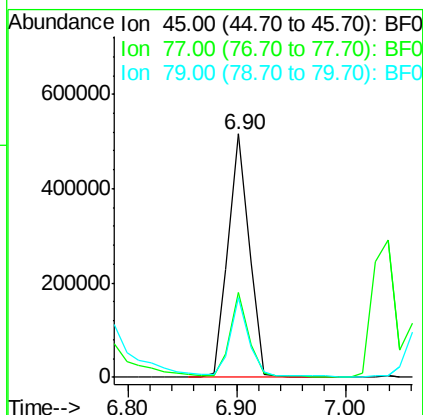
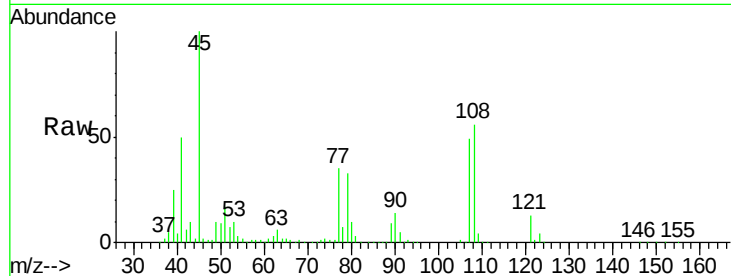




#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.06 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.08 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

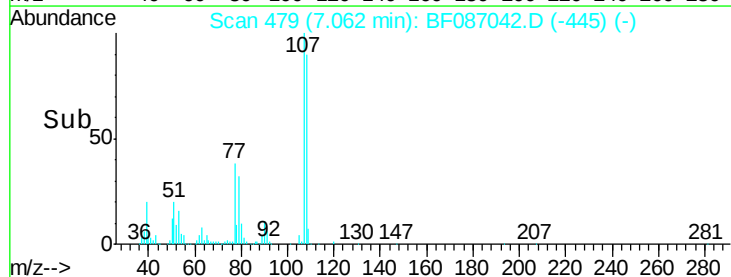
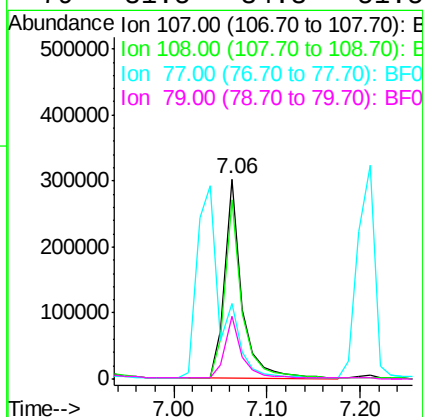
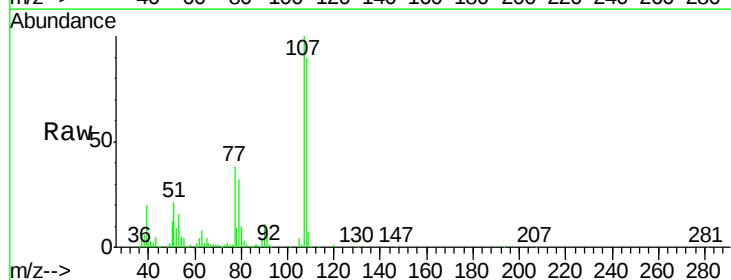
Instrument :
BNA_F
ClientSampleId :
PB90575BS

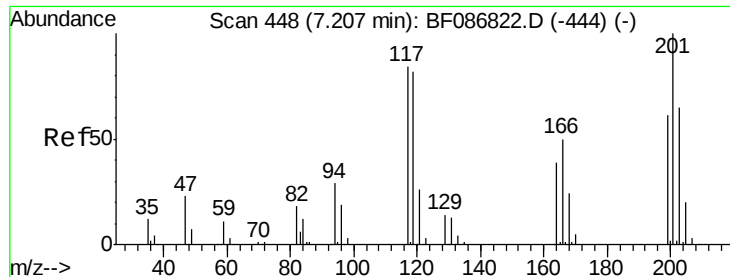
Tgt Ion: 45 Resp: 694139
Ion Ratio Lower Upper
45 100
77 35.1 0.0 36.4
79 32.8 0.0 33.4



#17
2-Methylphenol
Concen: 17.28 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.08 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Tgt Ion: 107 Resp: 386567
Ion Ratio Lower Upper
107 100
108 90.1 93.7 140.5#
77 37.8 33.4 50.0
79 31.5 34.3 51.5#

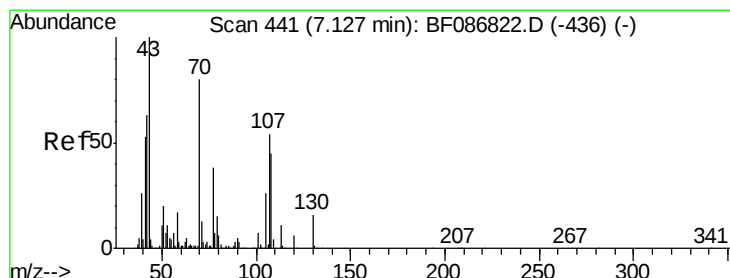
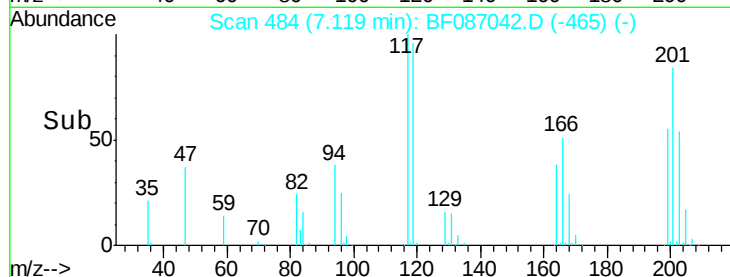
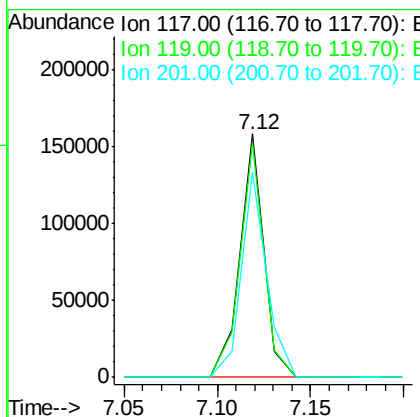
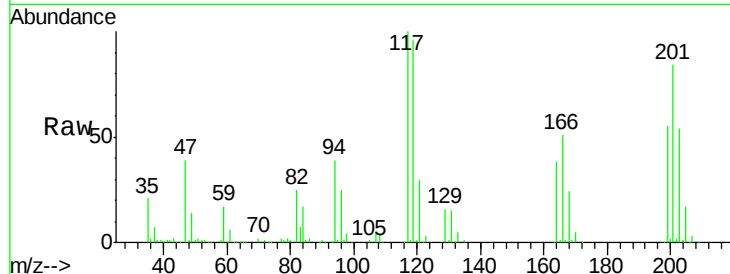




#18
Hexachloroethane
Concen: 12.19 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.09 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

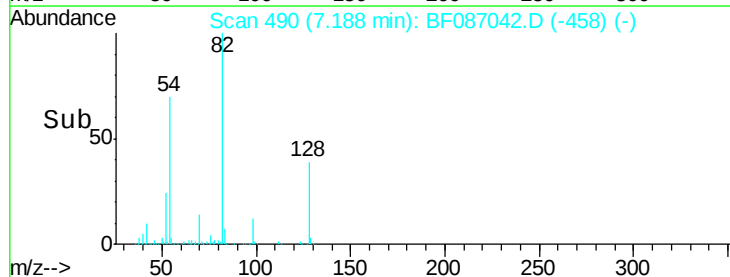
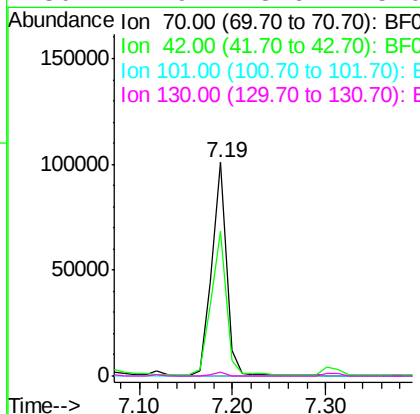
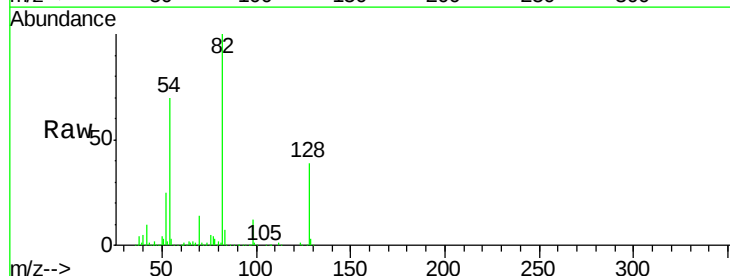
Instrument :
BNA_F
ClientSampleId :
PB90575BS

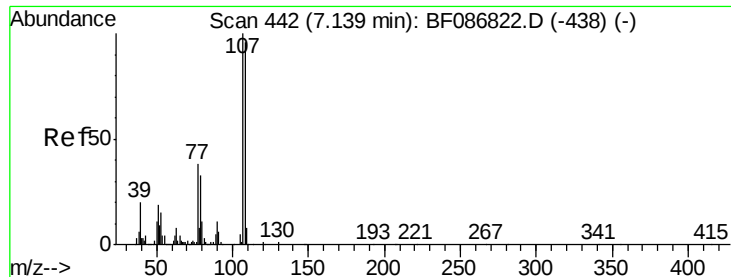
Tgt Ion: 117 Resp: 142281
Ion Ratio Lower Upper
117 100
119 96.2 76.5 114.7
201 84.2 63.0 94.6



#19
n-Nitroso-di-n-propylamine
Concen: 5.20 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF087042.D
Acq: 15 May 2016 2:00

Tgt Ion: 70 Resp: 113200
Ion Ratio Lower Upper
70 100
42 67.9 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#





#20

3+4-Methylphenols

Concen: 13.15 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.08 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

PB90575BS

Tgt Ion:107 Resp: 384296

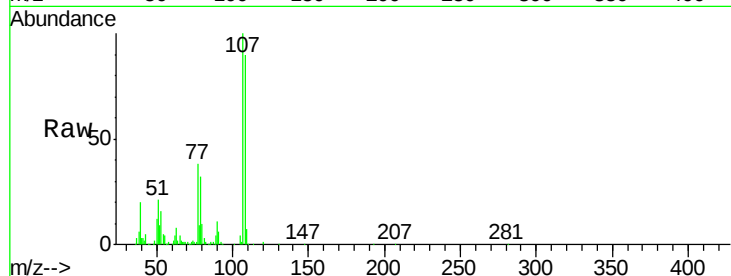
Ion Ratio Lower Upper

107 100

108 90.1 68.5 108.5

77 37.8 101.6 141.6#

79 31.5 7.4 47.4

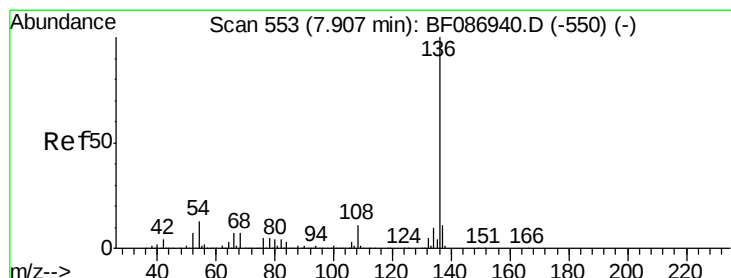
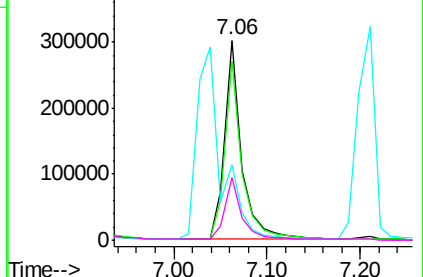
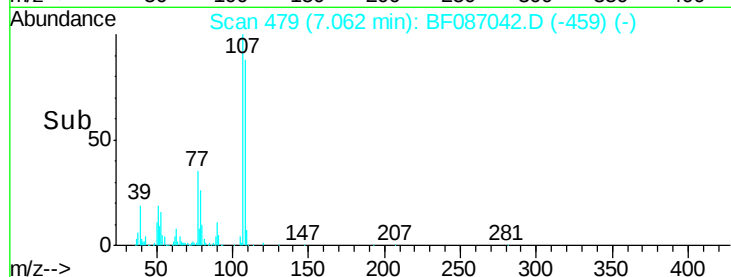


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.09 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Tgt Ion:136 Resp: 579034

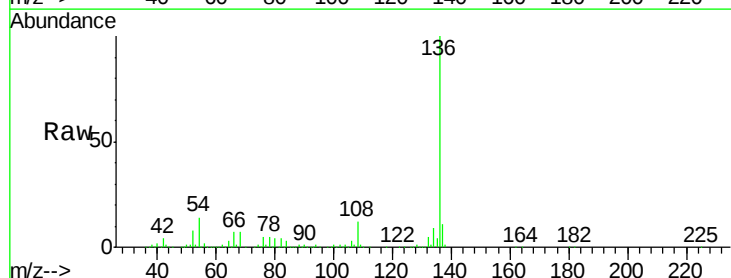
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 13.8 5.0 7.4#

68 7.2 4.4 6.6#

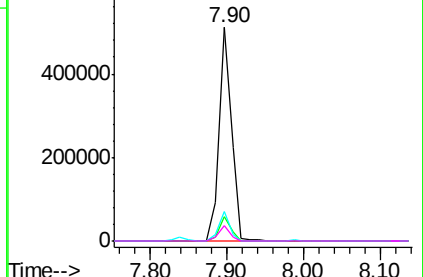
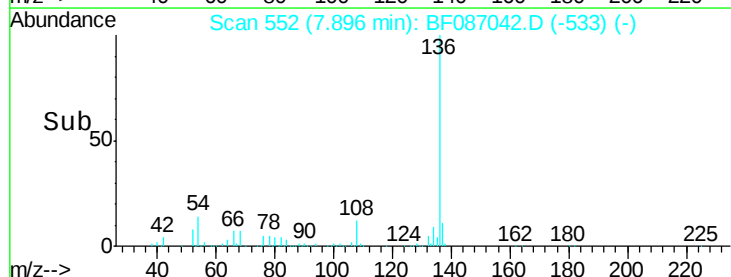


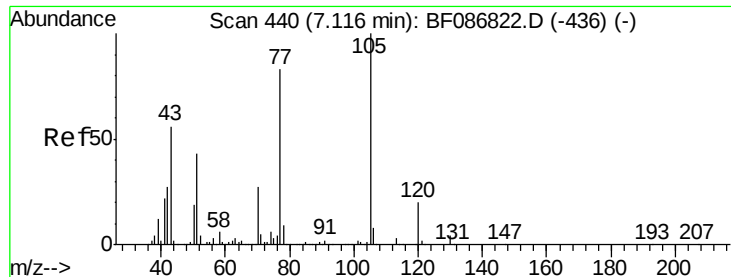
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 37.10 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.08 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

PB90575BS

Tgt Ion:105 Resp: 507368

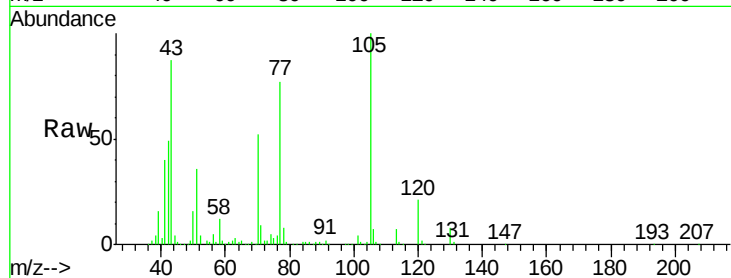
Ion Ratio Lower Upper

105 100

71 8.7 4.8 7.2#

51 35.5 32.6 49.0

120 20.8 16.5 24.7



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

600000

500000

400000

300000

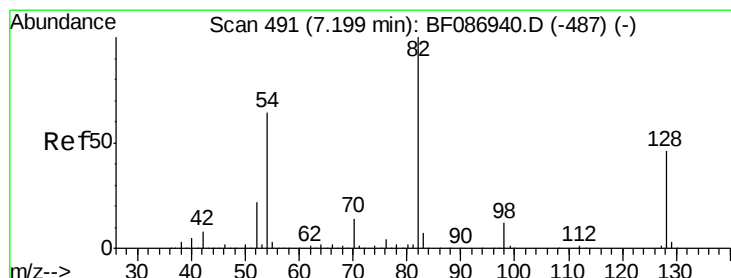
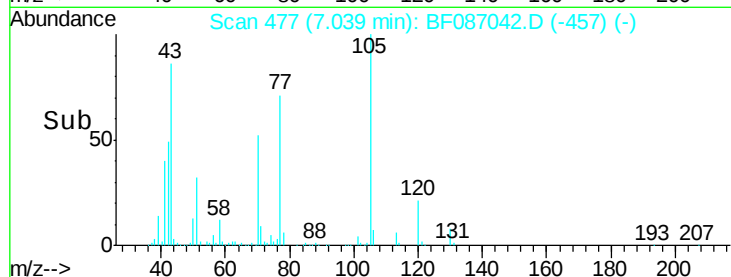
200000

100000

0

7.00 7.10

Time-->



#23

Nitrobenzene-d5

Concen: 68.26 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.08 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

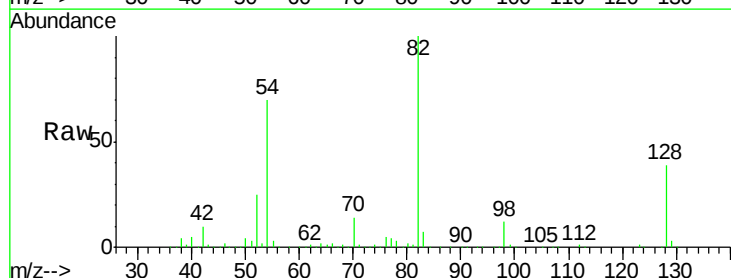
Tgt Ion: 82 Resp: 787127

Ion Ratio Lower Upper

82 100

128 38.9 40.6 61.0#

54 70.3 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

800000

600000

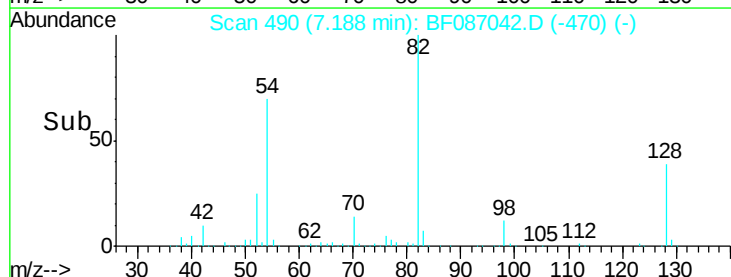
400000

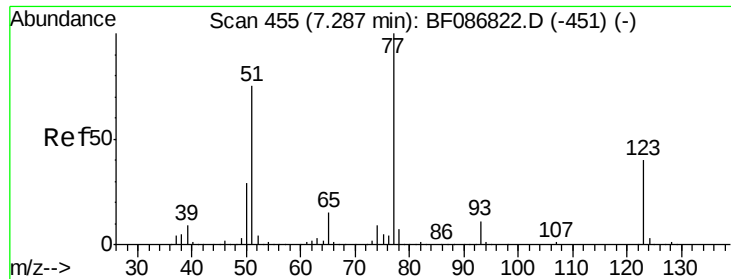
200000

0

7.10 7.20 7.30

Time-->

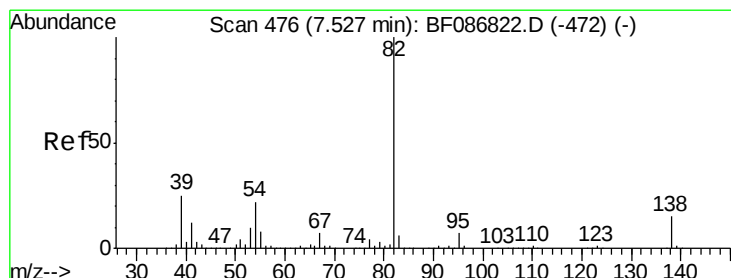
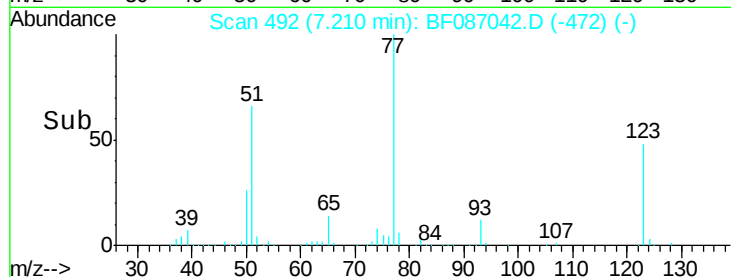
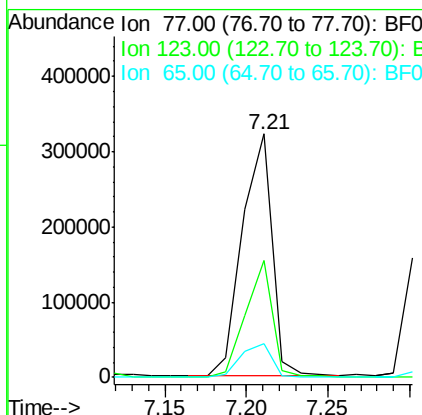
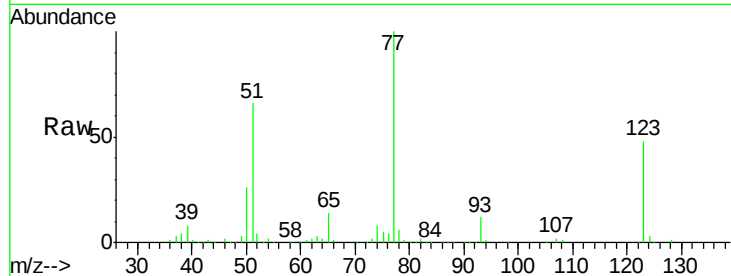




#24
 Nitrobenzene
 Concen: 34.44 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.08 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

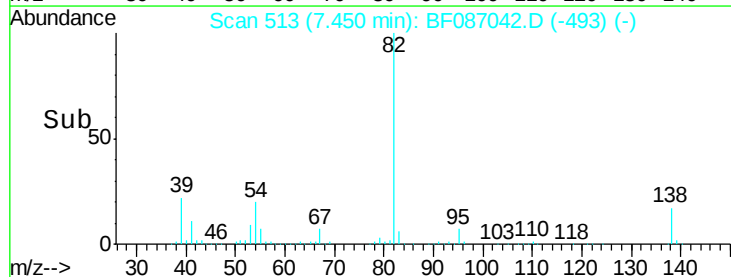
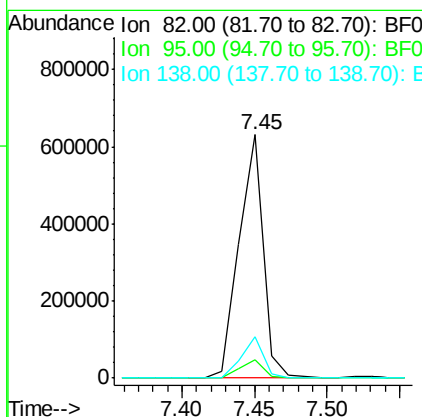
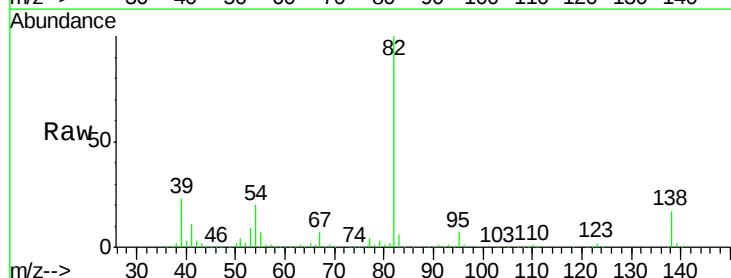
Instrument :
 BNA_F
 ClientSampleId :
 PB90575BS

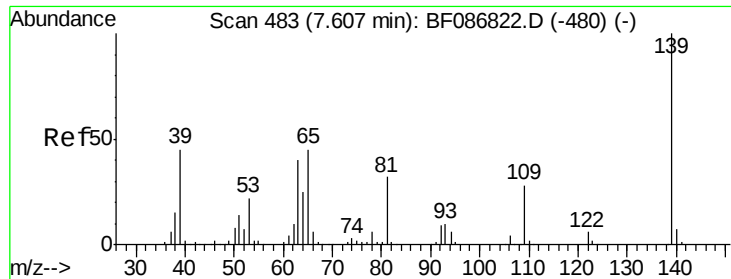
Tgt Ion: 77 Resp: 408534
 Ion Ratio Lower Upper
 77 100
 123 47.9 33.0 49.4
 65 14.0 10.8 16.2



#25
 Isophorone
 Concen: 34.15 ng
 RT: 7.45 min Scan# 513
 Delta R.T. -0.08 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Tgt Ion: 82 Resp: 730633
 Ion Ratio Lower Upper
 82 100
 95 7.4 5.1 7.7
 138 17.1 12.4 18.6

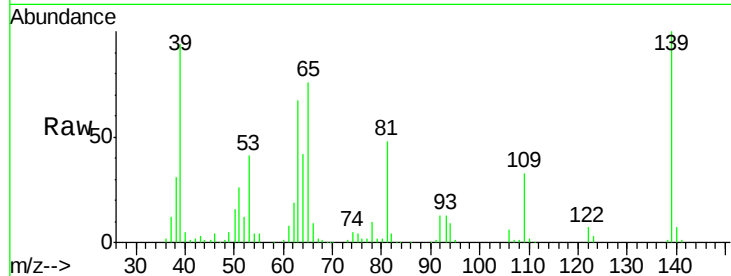




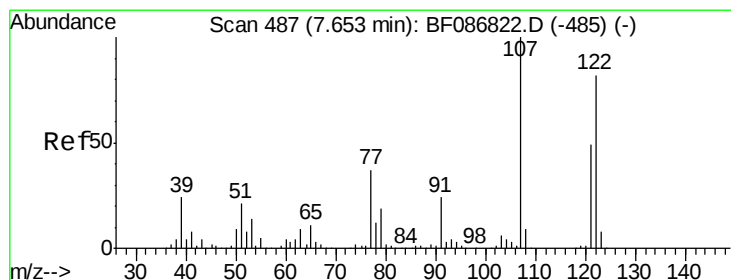
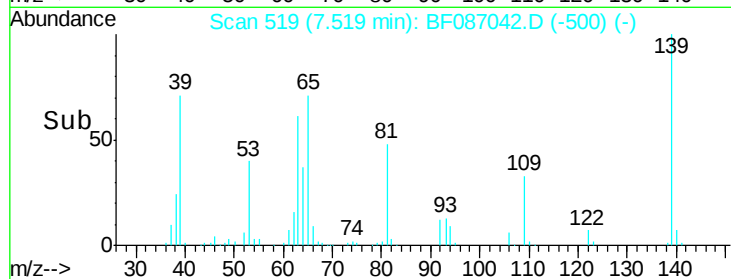
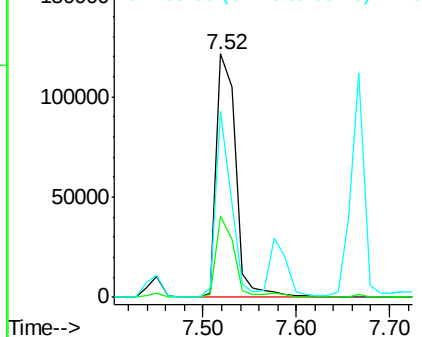
#26
 2-Nitrophenol
 Concen: 33.69 ng
 RT: 7.52 min Scan# 519
 Delta R.T. -0.09 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BS

Tgt Ion:139 Resp: 175666
 Ion Ratio Lower Upper
 139 100
 109 33.4 19.5 29.3#
 65 76.3 37.5 56.3#

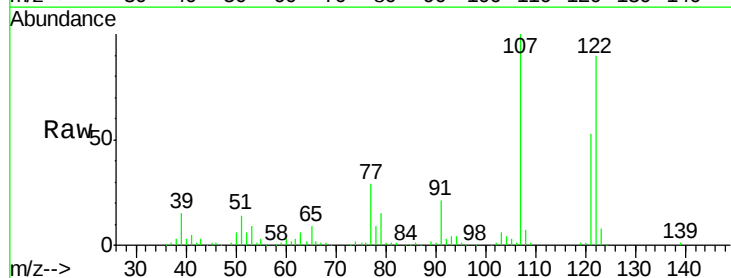


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

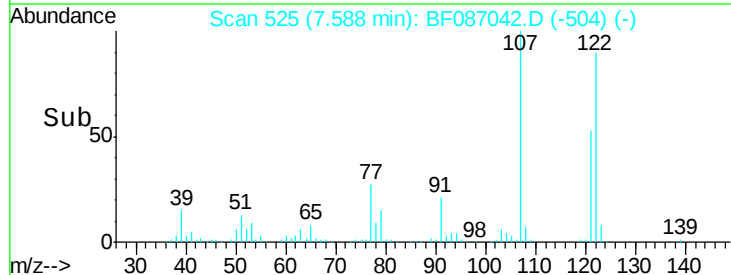
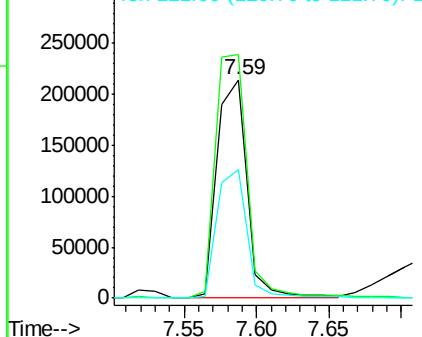


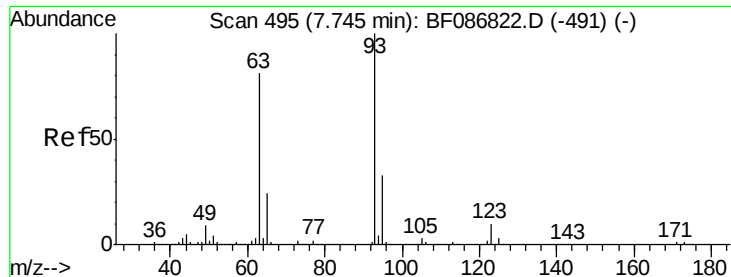
#27
 2,4-Dimethylphenol
 Concen: 34.55 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.07 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Tgt Ion:122 Resp: 306921
 Ion Ratio Lower Upper
 122 100
 107 111.6 82.0 123.0
 121 58.7 46.1 69.1



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

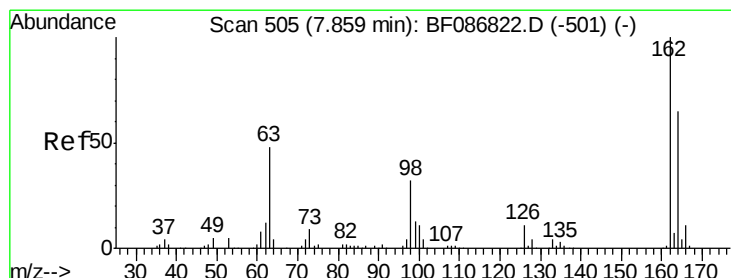
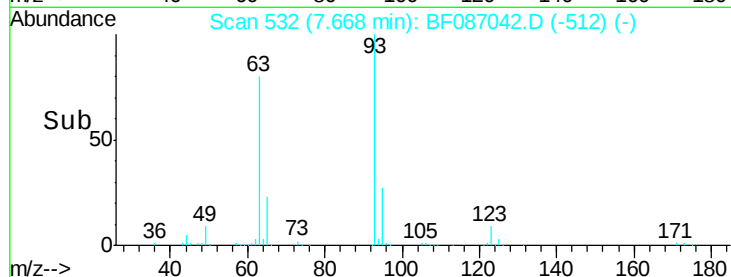
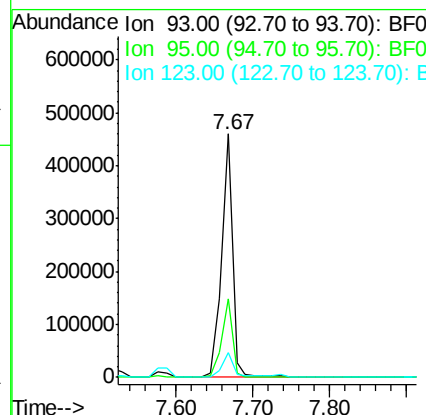
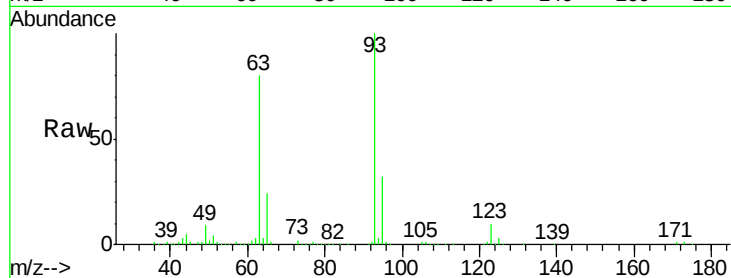




#28
 bis(2-Chloroethoxy)methane
 Concen: 39.07 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.08 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

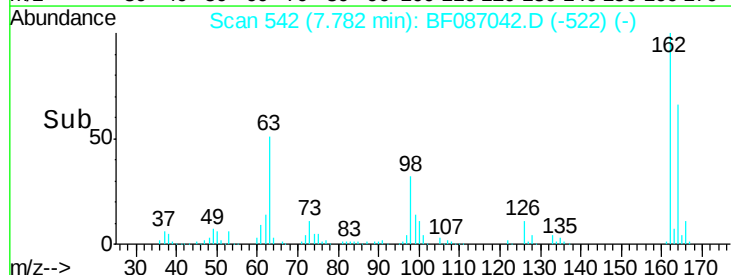
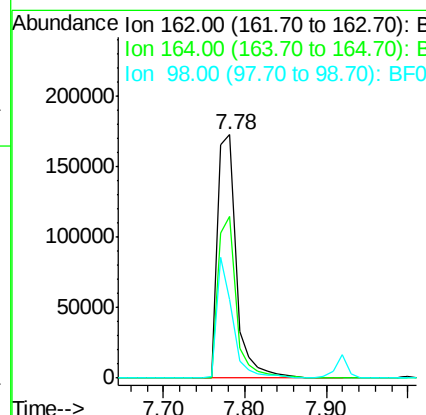
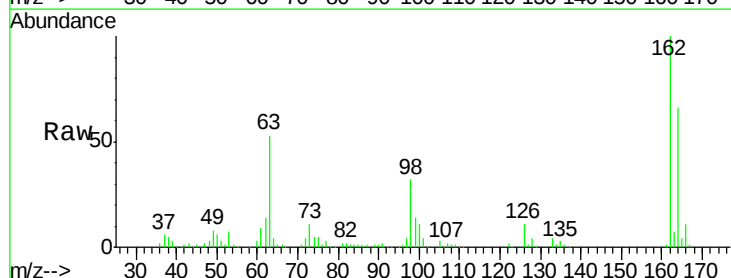
Instrument :
 BNA_F
 ClientSampleId :
 PB90575BS

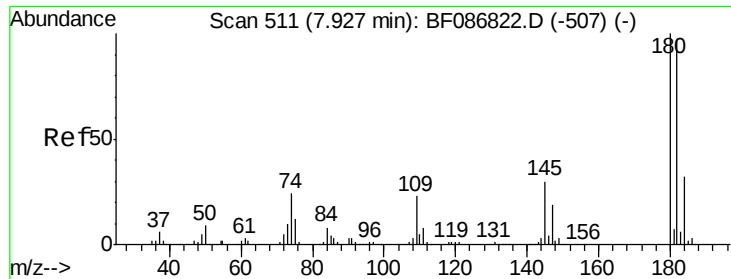
Tgt Ion: 93 Resp: 450938
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.0 39.0
 123 10.2 9.5 14.3



#29
 2,4-Dichlorophenol
 Concen: 35.73 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.08 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Tgt Ion: 162 Resp: 279307
 Ion Ratio Lower Upper
 162 100
 164 66.4 42.2 82.2
 98 32.4 19.0 59.0

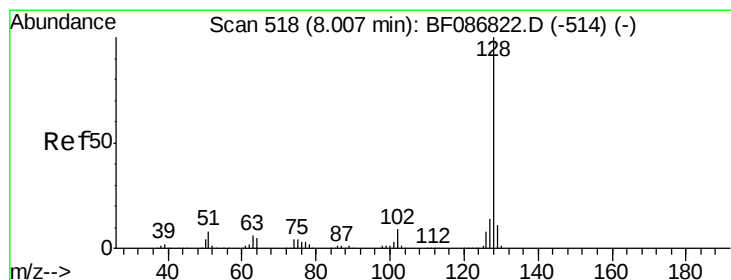
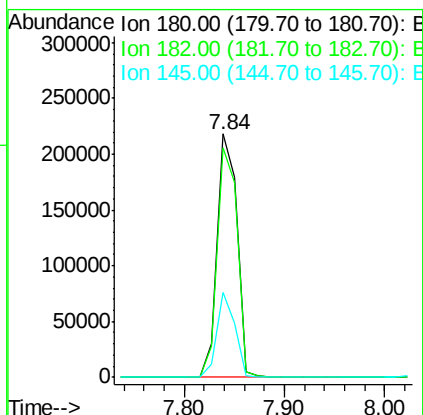
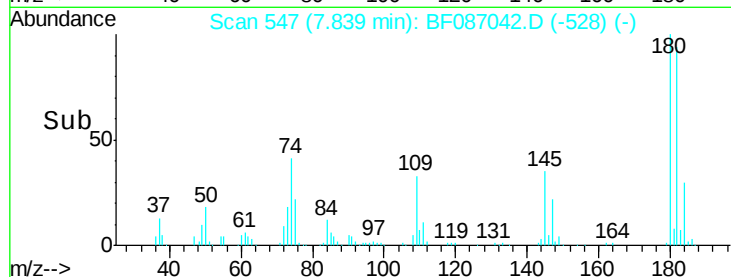
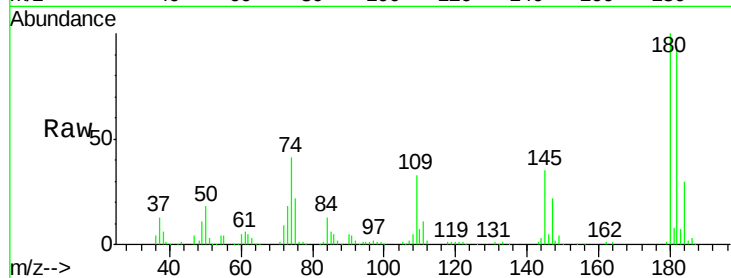




#30
 1,2,4-Trichlorobenzene
 Concen: 34.23 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.09 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

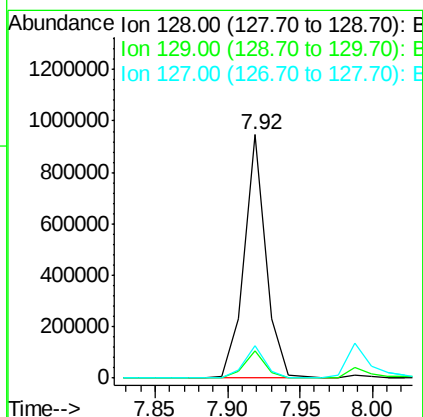
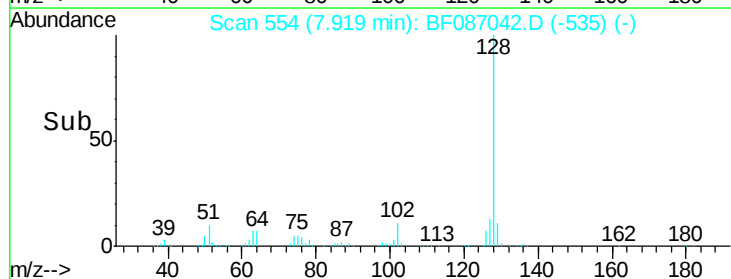
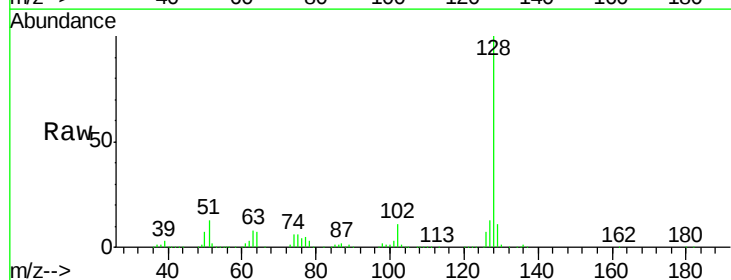
Instrument :
 BNA_F
 ClientSampleId :
 PB90575BS

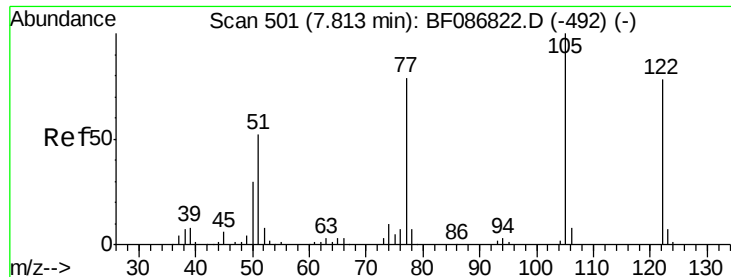
Tgt Ion:180 Resp: 299221
 Ion Ratio Lower Upper
 180 100
 182 94.0 78.0 117.0
 145 34.7 24.2 36.2



#31
 Naphthalene
 Concen: 33.97 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.09 min
 Lab File: BF087042.D
 Acq: 15 May 2016 2:00

Tgt Ion:128 Resp: 985242
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.6 13.0
 127 13.3 10.8 16.2





#32

Benzoic acid

Concen: 31.56 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.08 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Instrument :

BNA_F

ClientSampleId :

PB90575BS

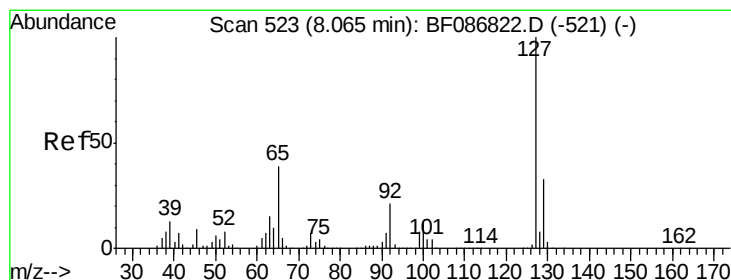
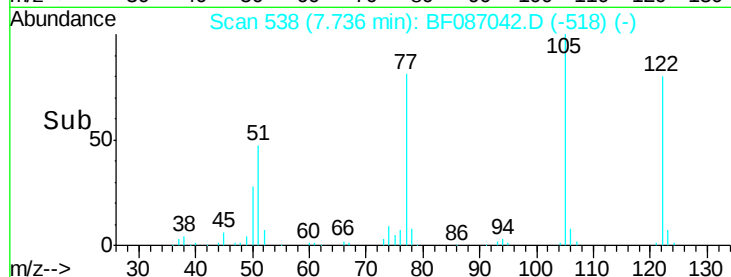
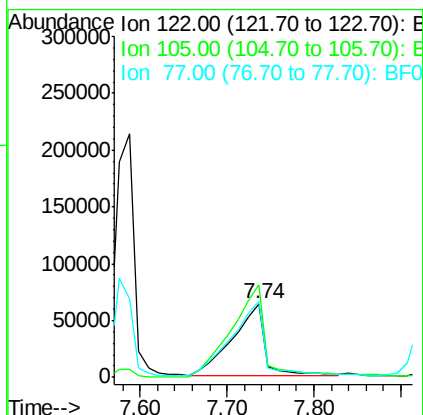
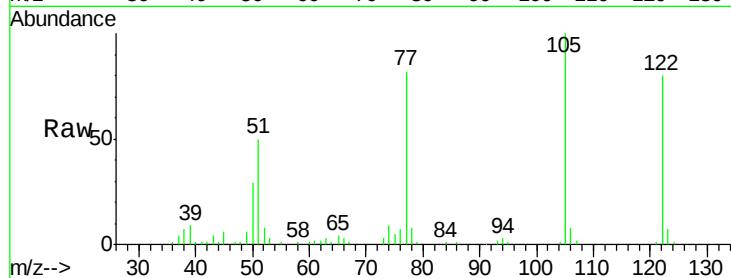
Tgt Ion:122 Resp: 164646

Ion Ratio Lower Upper

122 100

105 125.1 92.6 132.6

77 102.6 60.0 100.0#



#33

4-Chloroaniline

Concen: 14.96 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.08 min

Lab File: BF087042.D

Acq: 15 May 2016 2:00

Tgt Ion:127 Resp: 168552

Ion Ratio Lower Upper

127 100

129 31.9 26.2 39.4

65 35.6 23.0 34.4#

92 19.2 15.1 22.7

