

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088778.D
 Acq On : 7 Jul 2016 14:14
 Operator : UM/SJ
 Sample : PB91873BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Quant Time: Jul 08 01:37:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	103357	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	423391	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	203328	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	378497	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	265500	20.00	ng	-0.03
86) Perylene-d12	15.27	264	262179	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	721204	104.58	ng	-0.02
7) Phenol-d6	6.39	99	968864	108.73	ng	-0.02
23) Nitrobenzene-d5	7.31	82	670538	82.99	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	235114	124.52	ng	-0.03
44) 2-Fluorobiphenyl	9.11	172	1042204	80.96	ng	-0.03
78) Terphenyl-d14	12.85	244	1033180	86.68	ng	-0.02

Target Compounds						Qvalue
3) Pyridine	3.02	79	264779	26.69	ng	94
4) n-Nitrosodimethylamine	2.98	42	125397	33.08	ng	89
6) Aniline	6.41	93	346757	26.70	ng	# 85
8) 2-Chlorophenol	6.52	128	286166	38.61	ng	93
9) Benzaldehyde	6.28	77	204942	33.95	ng	90
10) Phenol	6.40	94	295584	29.06	ng	# 46
11) bis(2-Chloroethyl)ether	6.49	93	310182	40.90	ng	# 82
12) 1,3-Dichlorobenzene	6.68	146	311866	38.24	ng	96
13) 1,4-Dichlorobenzene	6.76	146	304871	37.66	ng	98
14) 1,2-Dichlorobenzene	6.76	146	304871	40.23	ng	98
15) Benzyl Alcohol	6.89	79	253804	38.70	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.03	45	337464	30.73	ng	89
17) 2-Methylphenol	7.00	107	252935	41.83	ng	96
18) Hexachloroethane	7.26	117	122733	39.19	ng	89
19) n-Nitroso-di-n-propylamine	7.18	70	235000	39.26	ng	# 82
20) 3+4-Methylphenols	7.16	107	293288	40.41	ng	93
22) Acetophenone	7.15	105	428221	41.67	ng	# 90
24) Nitrobenzene	7.32	77	317775	39.01	ng	# 80
25) Isophorone	7.58	82	615647	41.14	ng	97
26) 2-Nitrophenol	7.64	139	153937	46.08	ng	95
27) 2,4-Dimethylphenol	7.69	122	265769	38.20	ng	88
28) bis(2-Chloroethoxy)methane	7.78	93	378484	38.86	ng	# 95
29) 2,4-Dichlorophenol	7.88	162	236975	42.15	ng	95
30) 1,2,4-Trichlorobenzene	7.98	180	262516	42.54	ng	98
31) Naphthalene	8.04	128	835499	40.03	ng	99
32) Benzoic acid	7.84	122	182039	36.04	ng	91
33) 4-Chloroaniline	8.10	127	225005	24.23	ng	96
34) Hexachlorobutadiene	8.17	225	139807	42.31	ng	99
35) Caprolactam	8.48	113	47534	24.89	ng	92
36) 4-Chloro-3-methylphenol	8.59	107	294126	44.24	ng	92
37) 2-Methylnaphthalene	8.74	142	578691	43.06	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	258665	38.25	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	263772	79.47	ng	99
42) 2,4,6-Trichlorophenol	9.03	196	185290	41.56	ng	100

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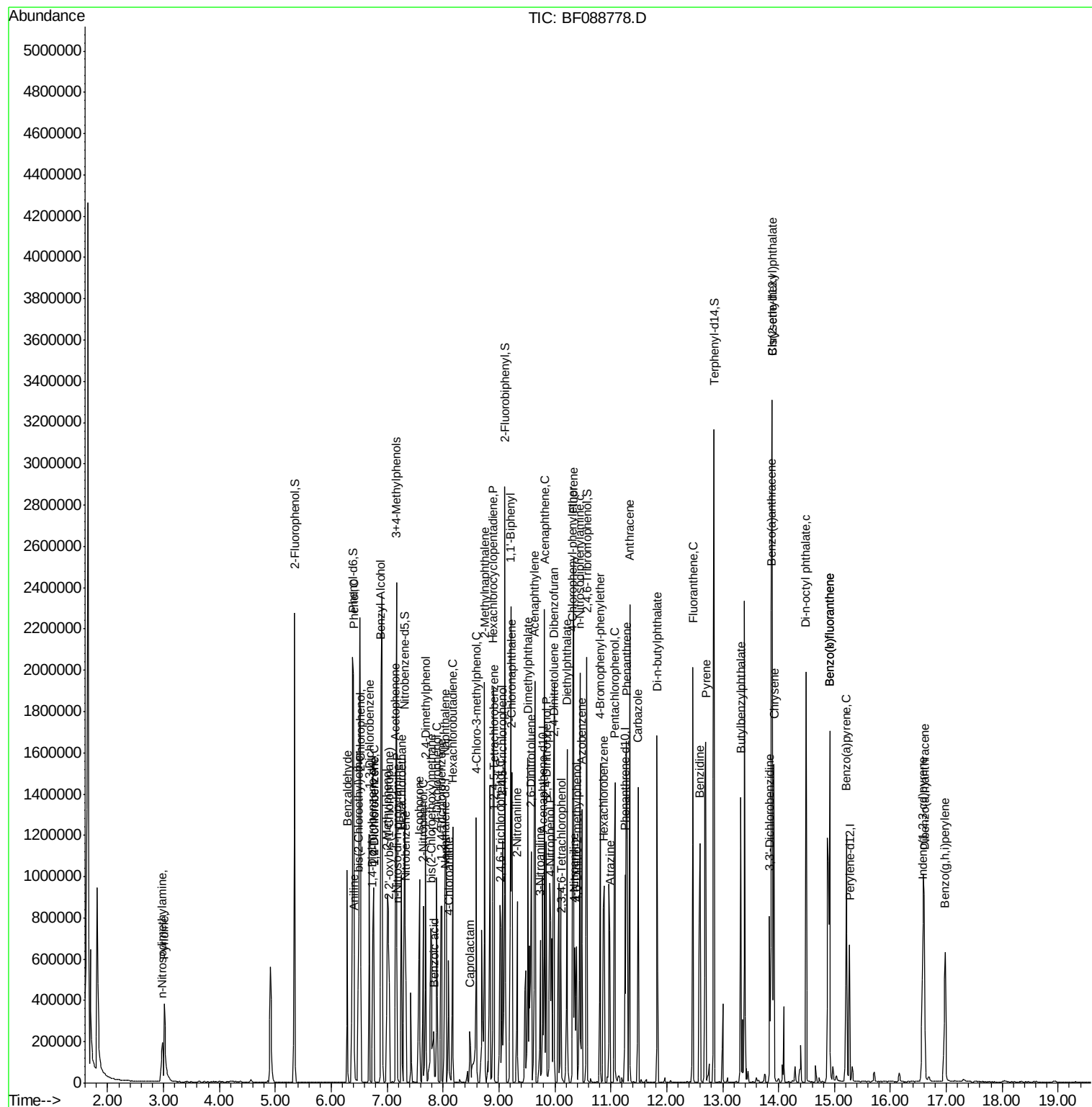
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	170787	44.52	ng	# 87
45) 1,1'-Biphenyl	9.21	154	724367	43.02	ng	97
46) 2-Chloronaphthalene	9.23	162	566367	42.85	ng	98
47) 2-Nitroaniline	9.32	65	166913	35.58	ng	97
48) Acenaphthylene	9.64	152	863592	41.06	ng	99
49) Dimethylphthalate	9.52	163	645782	44.58	ng	100
50) 2,6-Dinitrotoluene	9.58	165	162479	50.61	ng	# 76
51) Acenaphthene	9.82	154	537711	41.71	ng	98
52) 3-Nitroaniline	9.74	138	96985	23.76	ng	90
53) 2,4-Dinitrophenol	9.85	184	169456	119.54	ng	95
54) Dibenzofuran	9.99	168	712841	42.25	ng	# 86
55) 4-Nitrophenol	9.92	139	272900	87.99	ng	# 72
56) 2,4-Dinitrotoluene	9.98	165	166352	39.63	ng	# 41
57) Fluorene	10.33	166	599288	46.09	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	142633	48.06	ng	# 51
59) Diethylphthalate	10.22	149	635020	43.68	ng	98
60) 4-Chlorophenyl-phenylether	10.32	204	240470	39.80	ng	# 84
61) 4-Nitroaniline	10.35	138	151335	38.53	ng	81
62) Azobenzene	10.48	77	690055	41.61	ng	94
64) 4,6-Dinitro-2-methylphenol	10.39	198	113420	56.03	ng	# 71
65) n-Nitrosodiphenylamine	10.44	169	494581	38.61	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	162331	42.56	ng	# 83
67) Hexachlorobenzene	10.88	284	192369	45.56	ng	# 75
68) Atrazine	10.98	200	183904	46.07	ng	98
69) Pentachlorophenol	11.07	266	226001	90.44	ng	98
70) Phenanthrene	11.28	178	868105	41.96	ng	99
71) Anthracene	11.34	178	854890	41.55	ng	100
72) Carbazole	11.48	167	818941	42.29	ng	99
73) Di-n-butylphthalate	11.83	149	942729	41.86	ng	# 99
74) Fluoranthene	12.47	202	960325	45.78	ng	97
76) Benzidine	12.59	184	553593	41.25	ng	97
77) Pyrene	12.70	202	956978	42.51	ng	99
79) Butylbenzylphthalate	13.33	149	459105	45.72	ng	99
80) Benzo(a)anthracene	13.87	228	752598	44.02	ng	100
81) 3,3'-Dichlorobenzidine	13.84	252	163036	25.36	ng	# 93
82) Chrysene	13.92	228	769719	45.51	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	571593	49.86	ng	# 99
84) Di-n-octyl phthalate	14.49	149	966241	49.61	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.58	276	634417	48.75	ng	# 100
87) Benzo(b)fluoranthene	14.91	252	1387856	84.39	ng	# 97
88) Benzo(k)fluoranthene	14.91	252	1388101	96.95	ng	98
89) Benzo(a)pyrene	15.21	252	661811	47.53	ng	99
90) Dibenzo(a,h)anthracene	16.61	278	529940	45.57	ng	96
91) Benzo(g,h,i)perylene	16.98	276	509849	42.37	ng	97

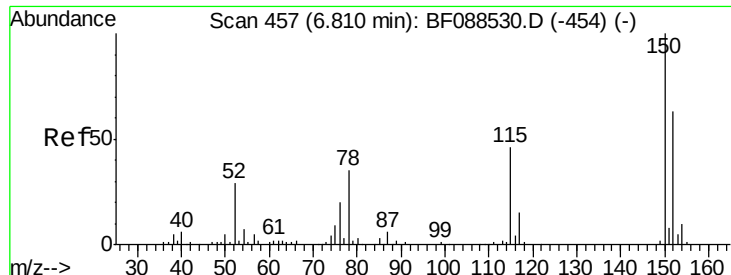
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

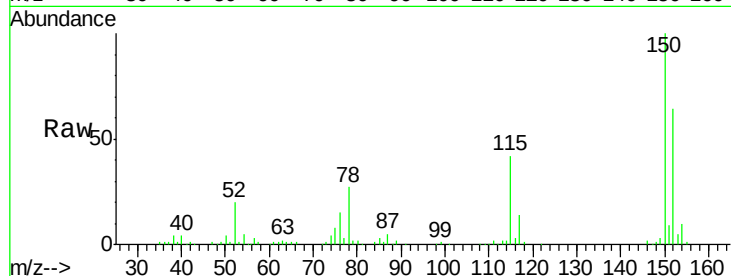
Tgt Ion:152 Resp: 103357

Ion Ratio Lower Upper

152 100

150 156.3 123.8 185.6

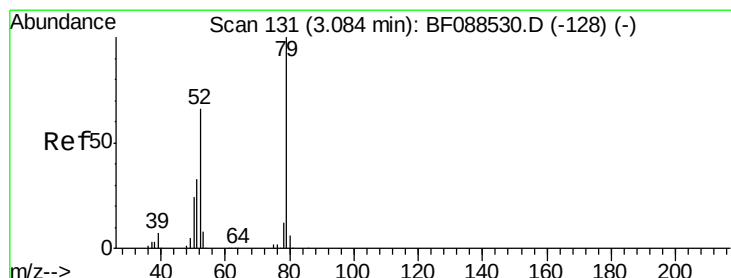
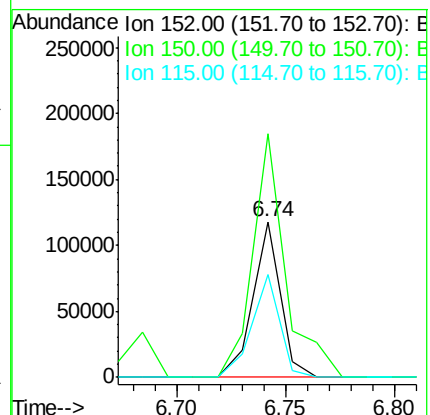
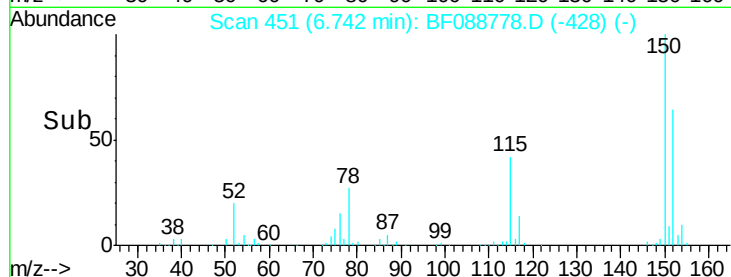
115 66.3 39.6 59.4#



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



#3

Pyridine

Concen: 26.69 ng

RT: 3.02 min Scan# 125

Delta R.T. 0.01 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

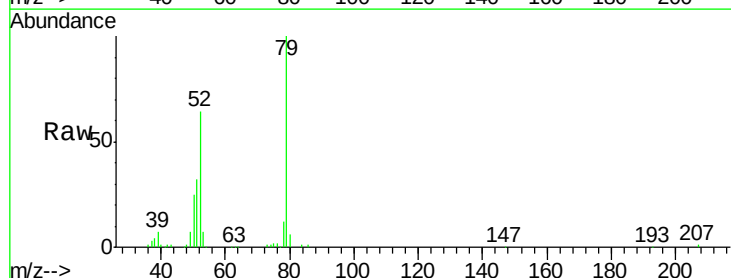
Tgt Ion: 79 Resp: 264779

Ion Ratio Lower Upper

79 100

52 64.0 56.3 84.5

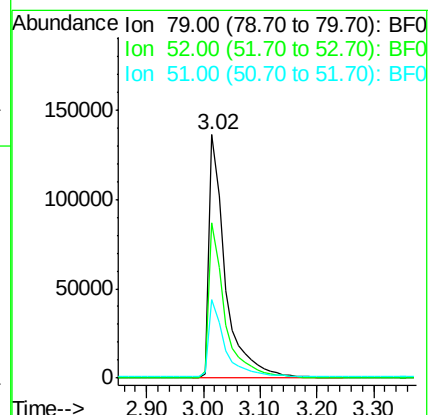
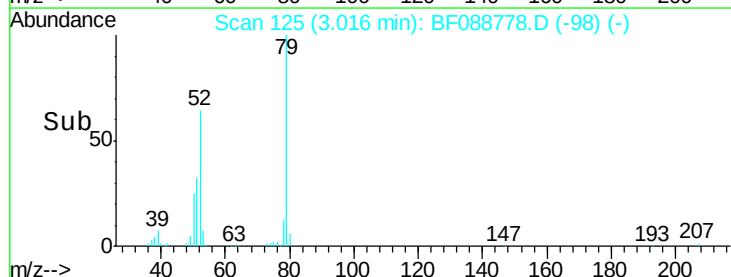
51 32.3 27.4 41.2

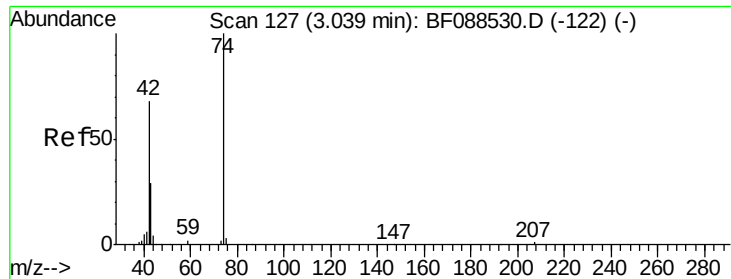


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 33.08 ng

RT: 2.98 min Scan# 122

Delta R.T. 0.01 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

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BNA_F

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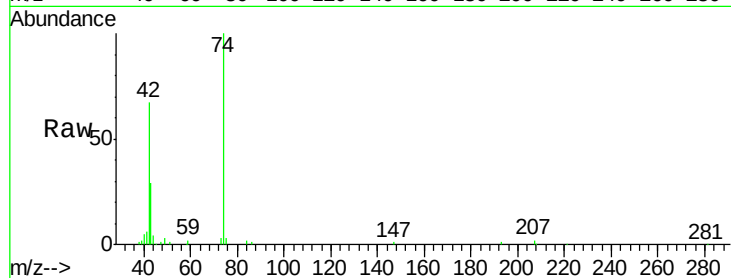
Tgt Ion: 42 Resp: 125397

Ion Ratio Lower Upper

42 100

74 149.2 108.6 163.0

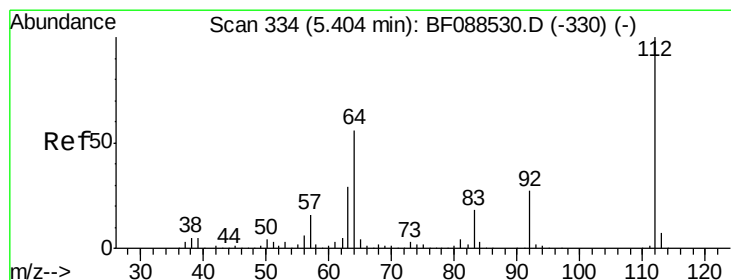
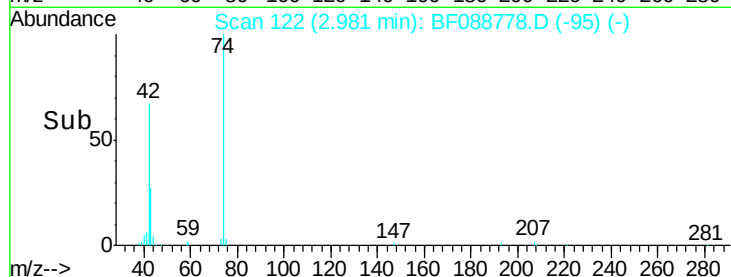
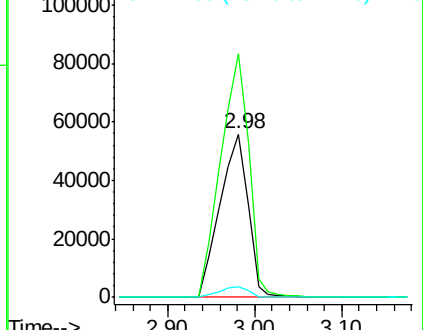
44 6.7 5.5 8.3



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: 104.58 ng

RT: 5.35 min Scan# 329

Delta R.T. -0.02 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

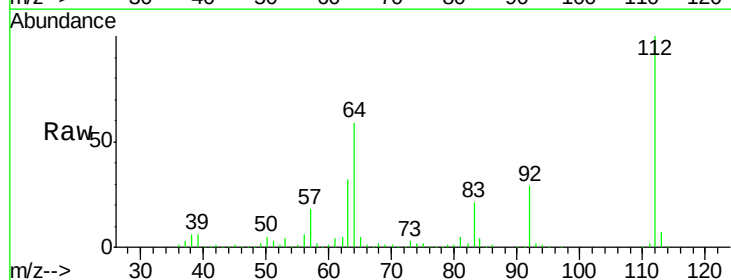
Tgt Ion: 112 Resp: 721204

Ion Ratio Lower Upper

112 100

64 59.4 42.2 63.2

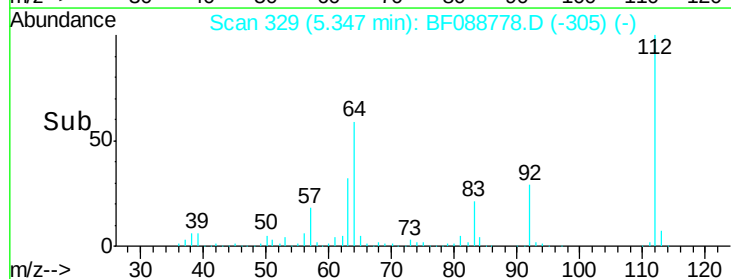
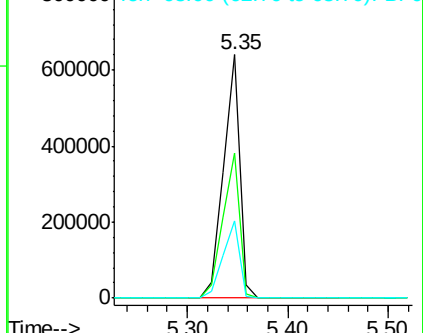
63 31.8 21.8 32.8

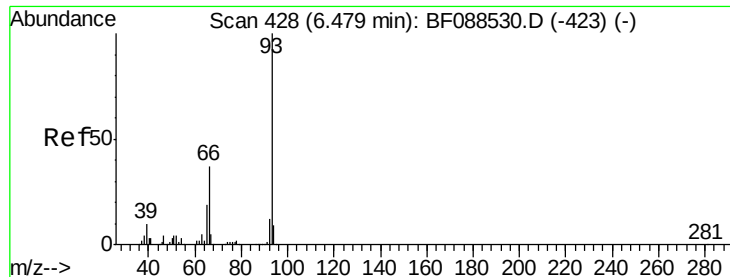


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 26.70 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.02 min

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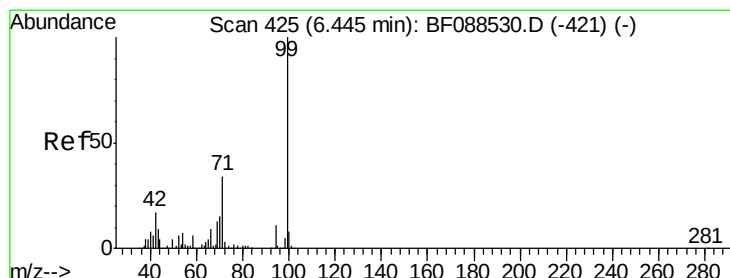
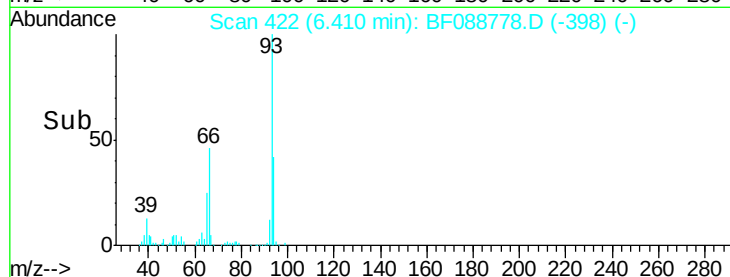
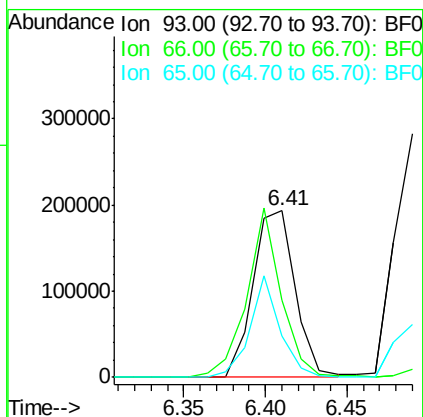
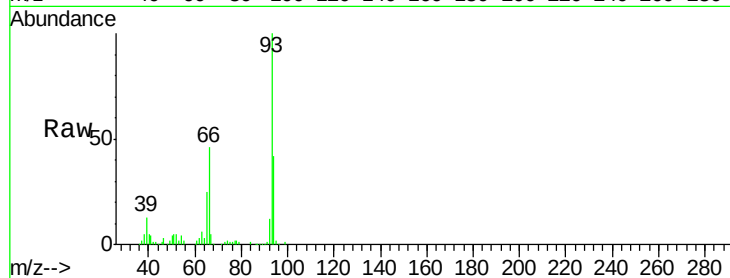
Tgt Ion: 93 Resp: 346757

Ion Ratio Lower Upper

93 100

66 46.4 29.8 44.8#

65 24.9 14.9 22.3#



#7

Phenol-d6

Concen: 108.73 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

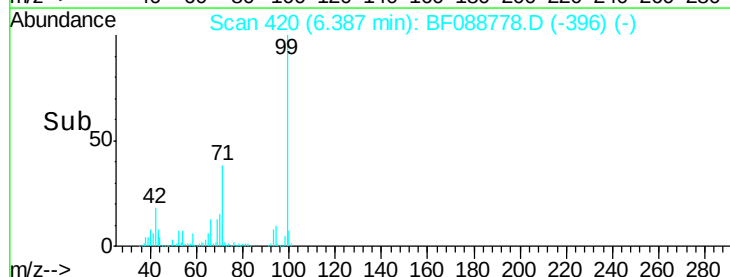
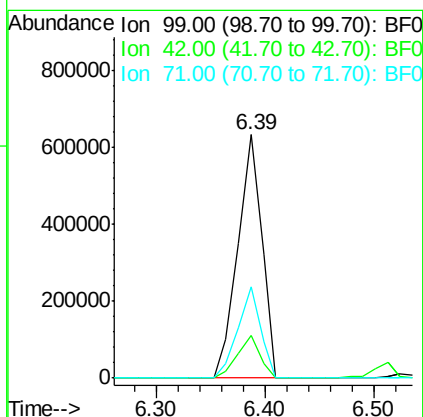
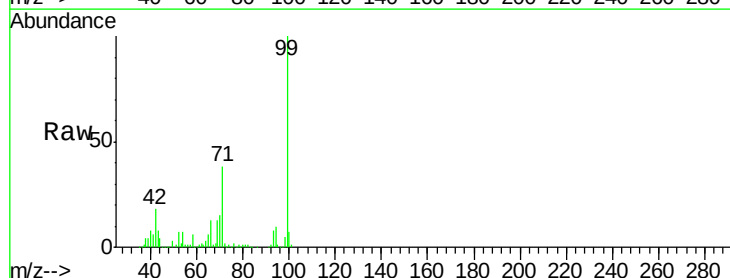
Tgt Ion: 99 Resp: 968864

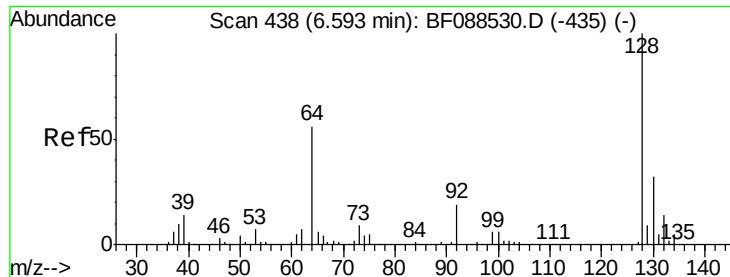
Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

71 37.6 23.4 35.0#





#8

2-Chlorophenol

Concen: 38.61 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

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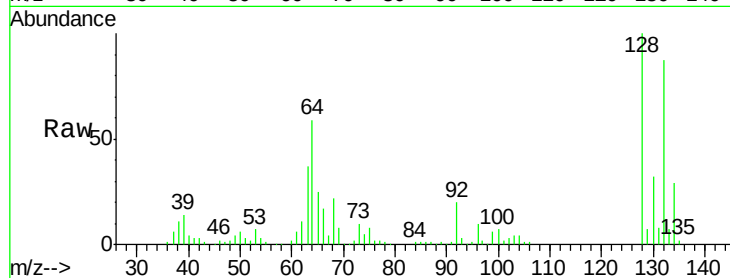
Tgt Ion:128 Resp: 286166

Ion Ratio Lower Upper

128 100

130 32.5 12.0 52.0

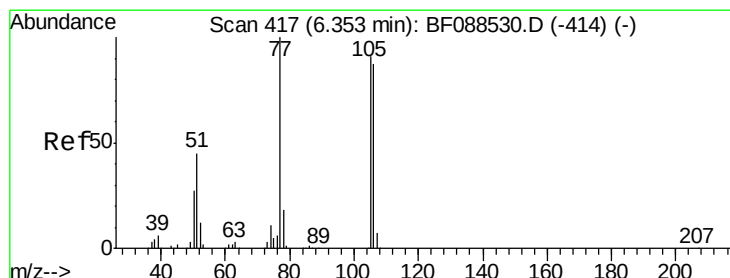
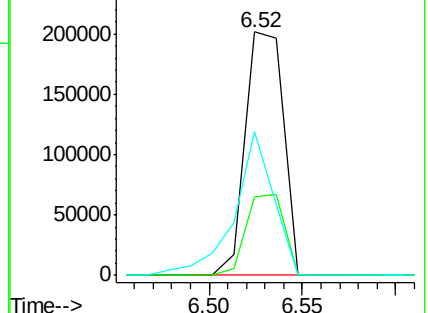
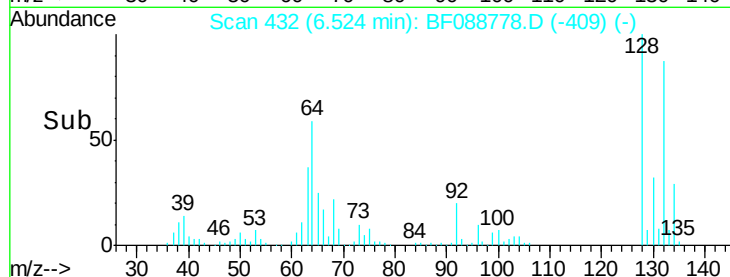
64 58.8 30.8 70.8



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: 33.95 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.03 min

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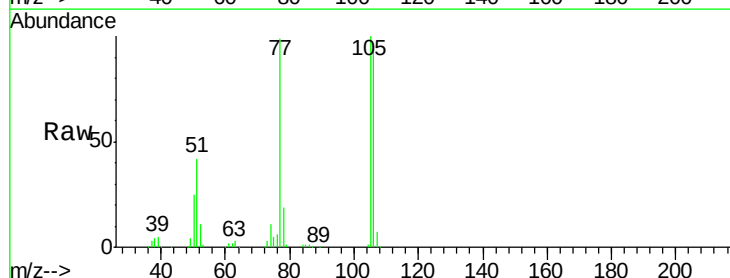
Tgt Ion: 77 Resp: 204942

Ion Ratio Lower Upper

77 100

105 100.5 90.6 130.6

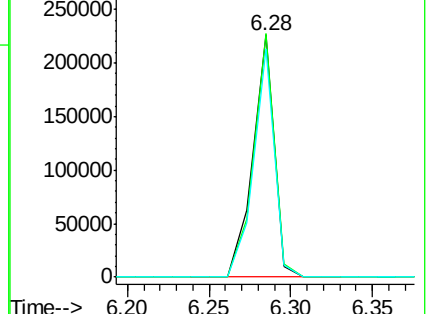
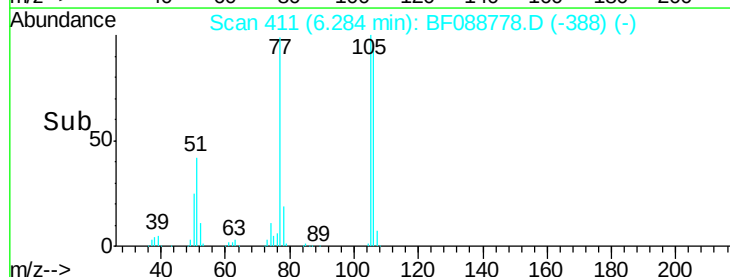
106 94.2 85.3 125.3

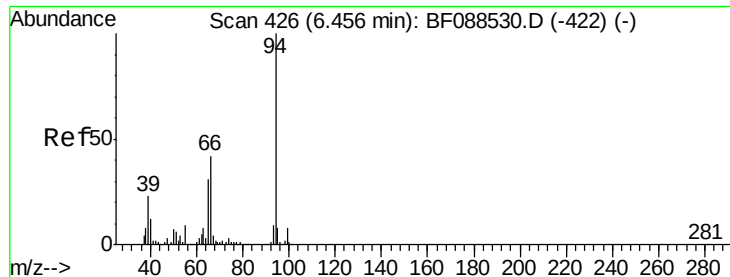


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 29.06 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.03 min

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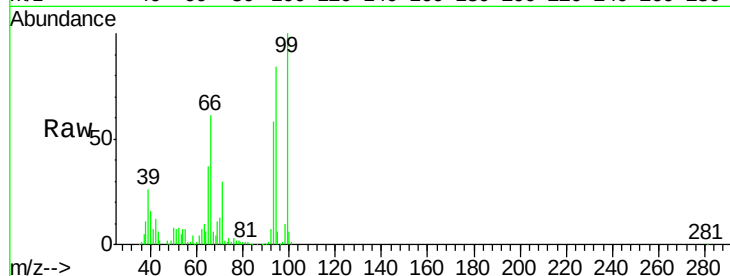
Tgt Ion: 94 Resp: 295584

Ion Ratio Lower Upper

94 100

65 43.9 5.9 45.9

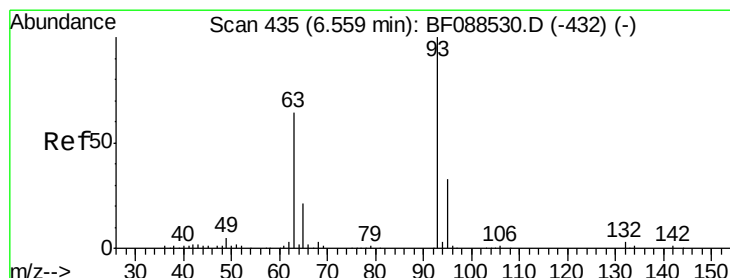
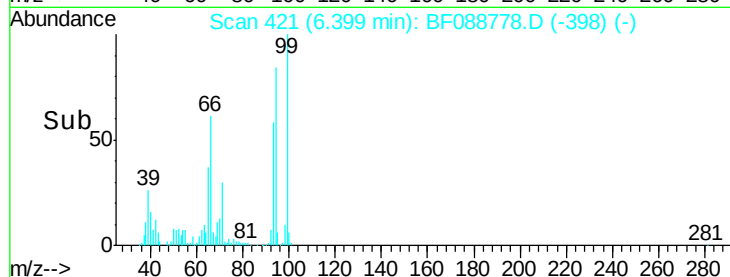
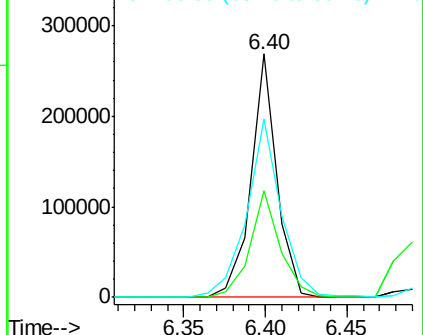
66 73.1 14.0 54.0#



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: 40.90 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.02 min

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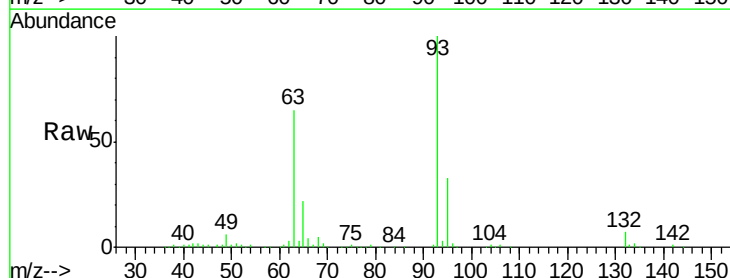
Tgt Ion: 93 Resp: 310182

Ion Ratio Lower Upper

93 100

63 64.5 67.6 107.6#

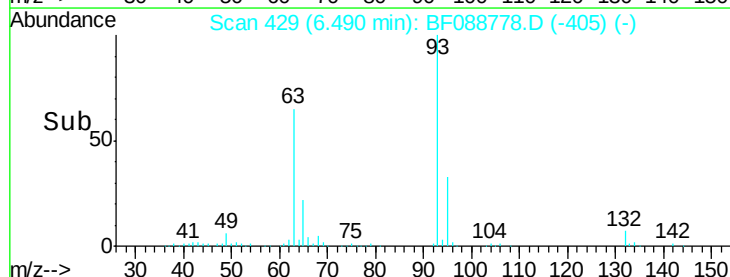
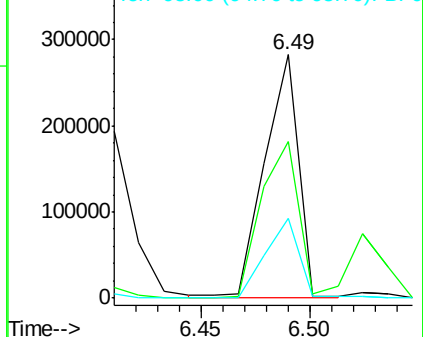
95 32.5 12.5 52.5

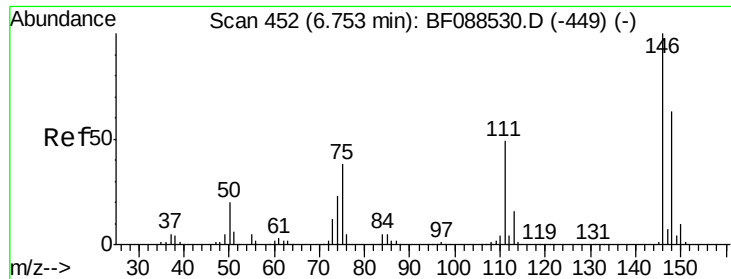


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 38.24 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

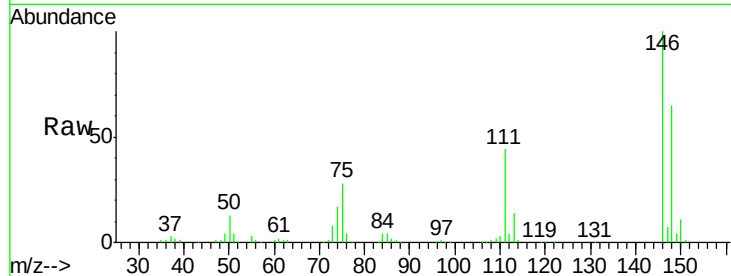
Tgt Ion:146 Resp: 311866

Ion Ratio Lower Upper

146 100

148 65.3 50.9 76.3

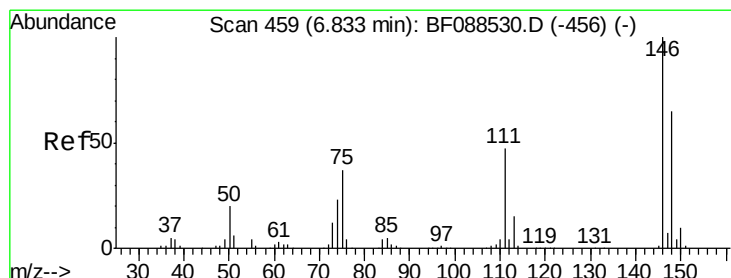
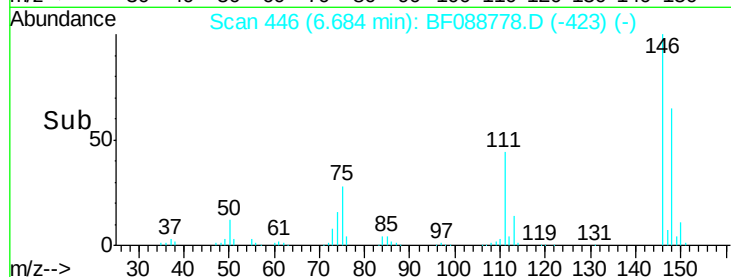
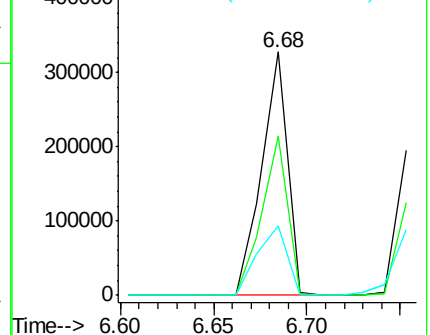
75 28.3 25.6 38.4



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: 37.66 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

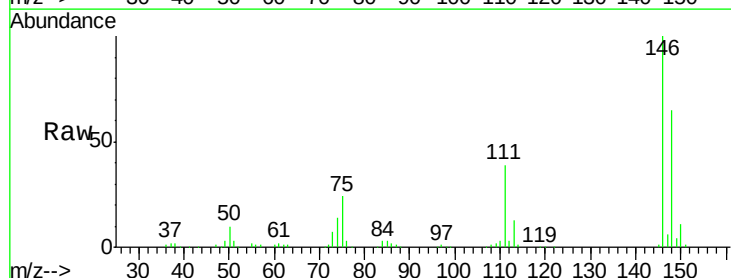
Tgt Ion:146 Resp: 304871

Ion Ratio Lower Upper

146 100

148 65.2 52.0 78.0

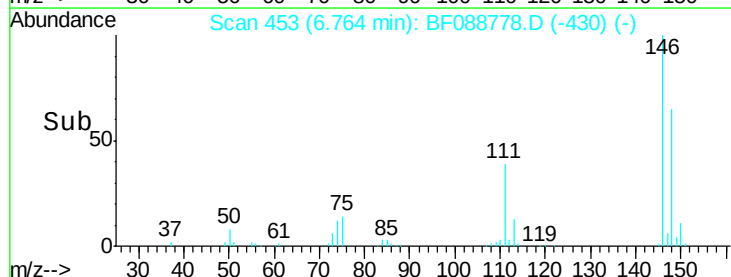
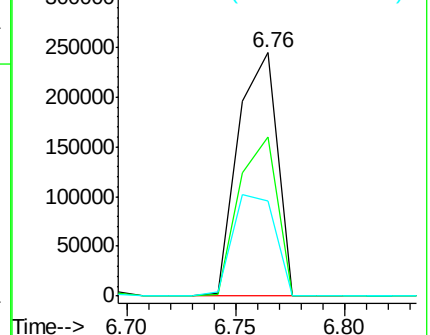
111 38.9 33.8 50.8

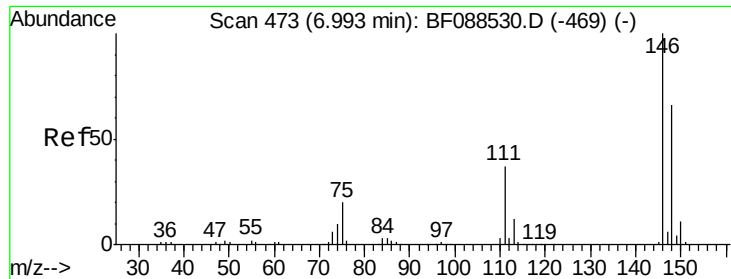


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

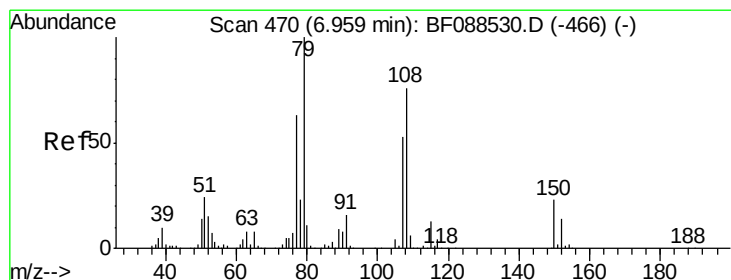
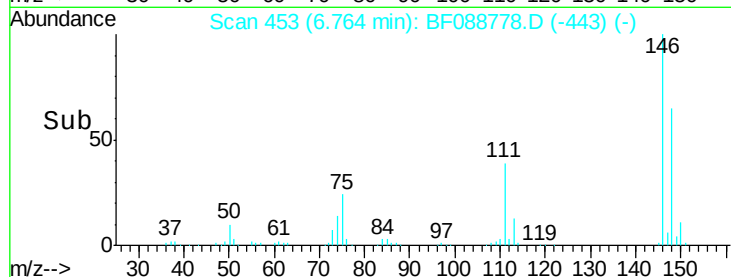
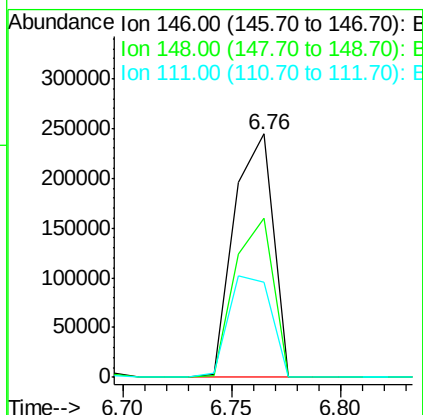
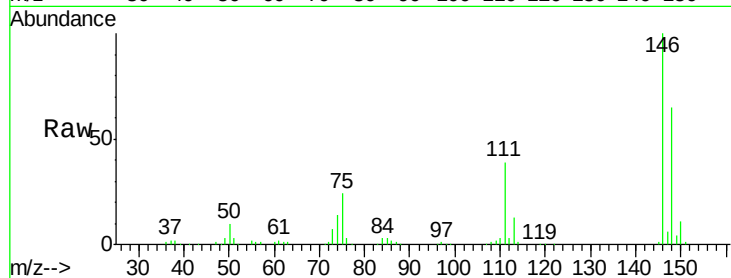




#14
 1,2-Dichlorobenzene
 Concen: 40.23 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.18 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

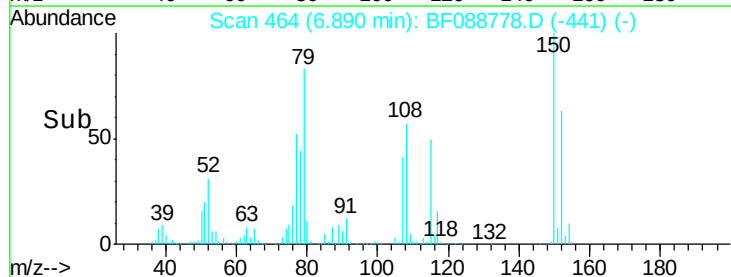
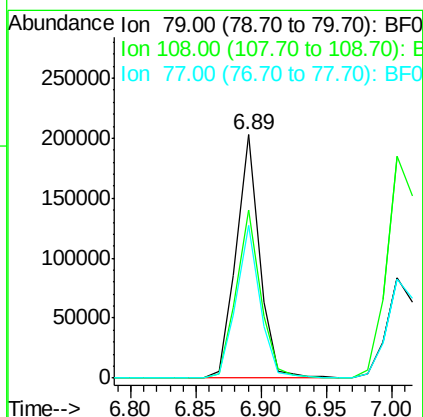
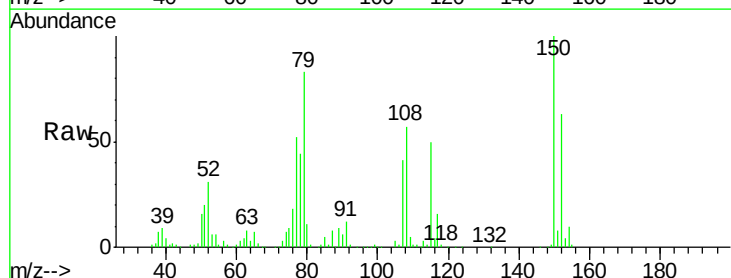
Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

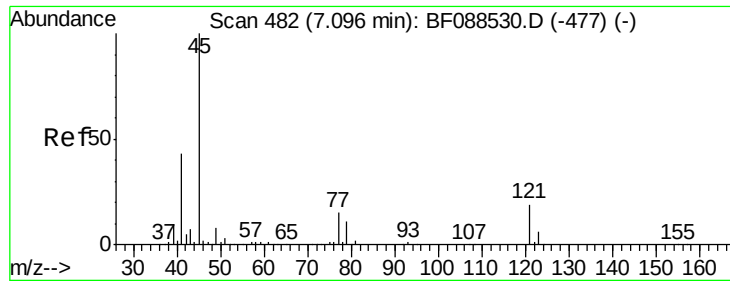
Tgt Ion:146 Resp: 304871
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.3 78.5
 111 38.9 28.7 43.1



#15
 Benzyl Alcohol
 Concen: 38.70 ng
 RT: 6.89 min Scan# 464
 Delta R.T. -0.03 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Tgt Ion: 79 Resp: 253804
 Ion Ratio Lower Upper
 79 100
 108 69.3 65.0 97.6
 77 62.5 50.3 75.5

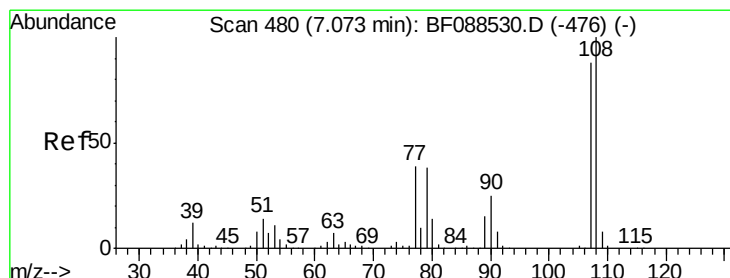
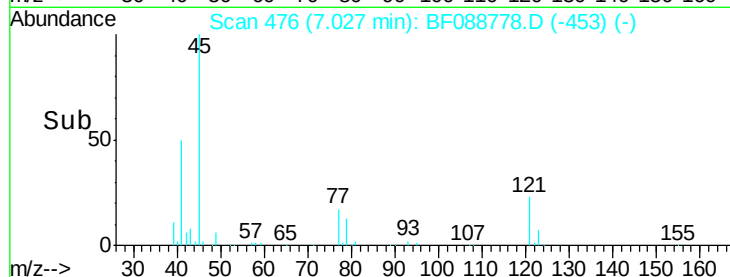
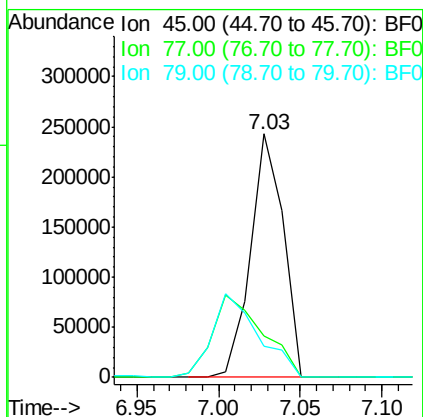
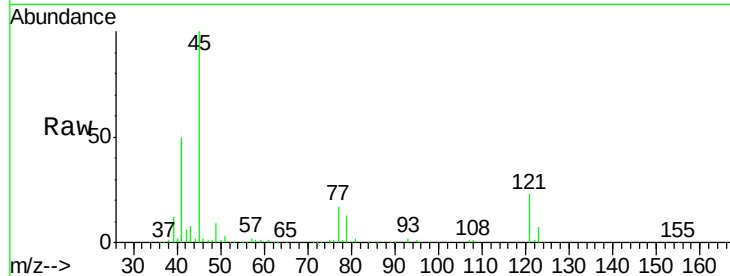




#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.73 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.03 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

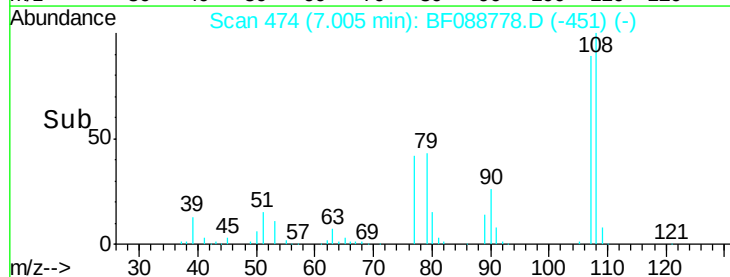
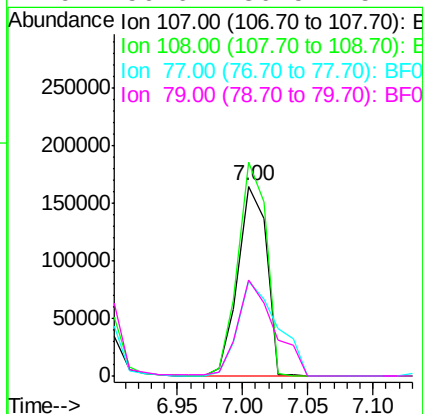
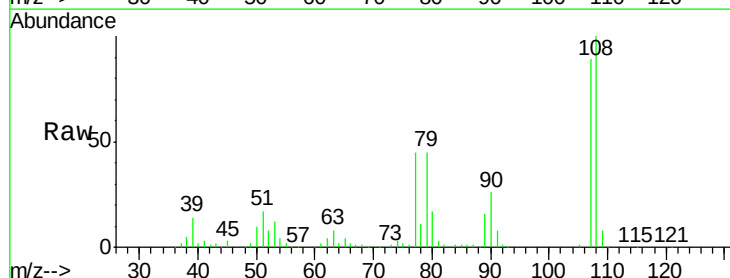
Instrument :
BNA_F
ClientSampleId :
PB91873BS

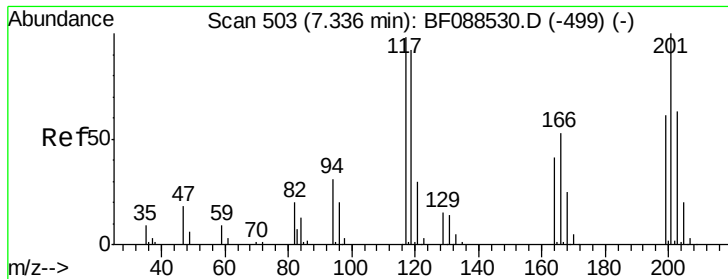
Tgt Ion: 45 Resp: 337464
Ion Ratio Lower Upper
45 100
77 16.9 0.0 32.5
79 13.0 0.0 29.5



#17
2-Methylphenol
Concen: 41.83 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion: 107 Resp: 252935
Ion Ratio Lower Upper
107 100
108 112.6 90.9 136.3
77 50.2 36.6 55.0
79 50.6 36.5 54.7

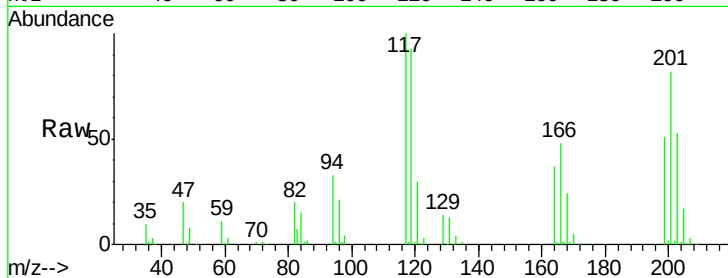




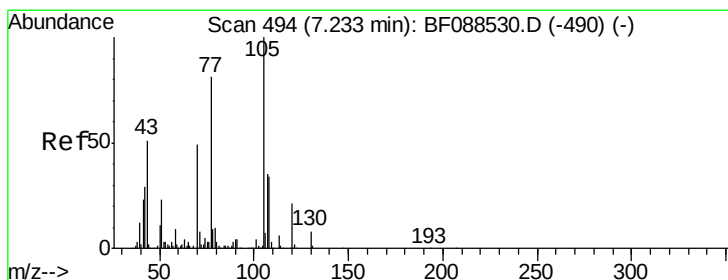
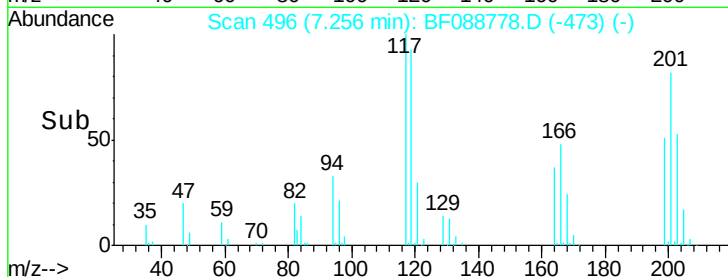
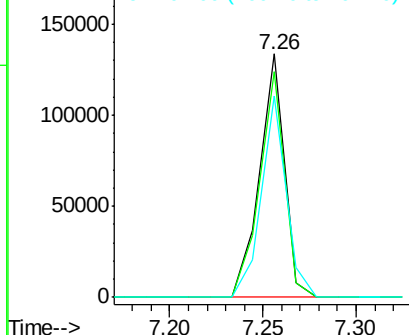
#18
Hexachloroethane
Concen: 39.19 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.03 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion: 117 Resp: 122733
Ion Ratio Lower Upper
117 100
119 92.6 77.4 116.2
201 82.5 80.4 120.6

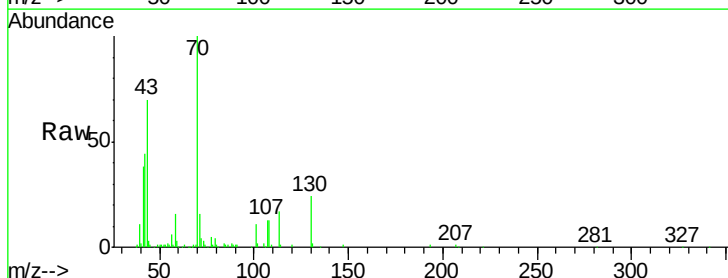


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

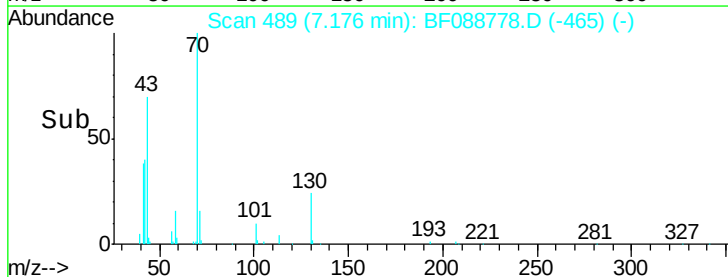
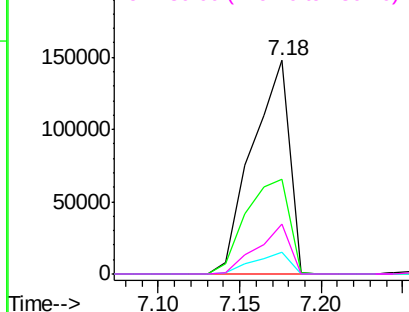


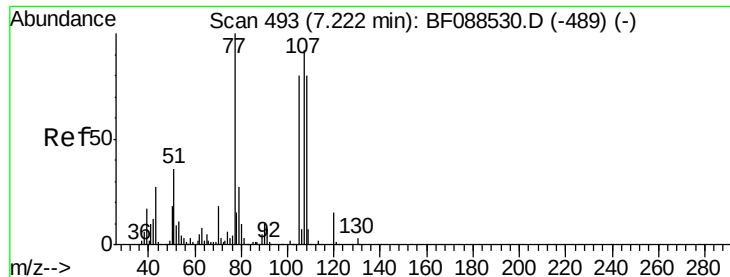
#19
n-Nitroso-di-n-propylamine
Concen: 39.26 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion: 70 Resp: 235000
Ion Ratio Lower Upper
70 100
42 44.4 49.6 74.4#
101 10.5 7.1 10.7
130 23.7 15.4 23.2#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 40.41 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

Tgt Ion:107 Resp: 293288

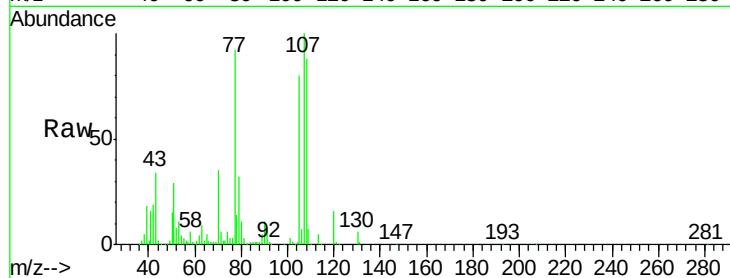
Ion Ratio Lower Upper

107 100

108 88.4 67.8 107.8

77 91.6 59.3 99.3

79 32.3 7.0 47.0

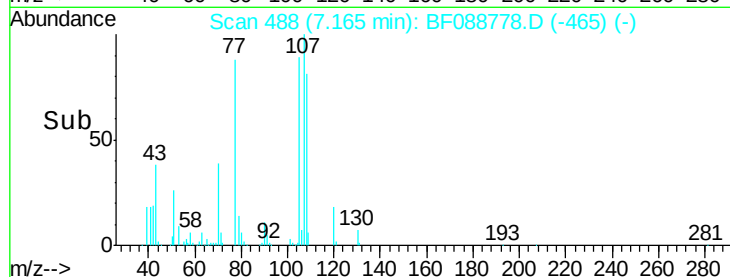


Abundance Ion 107.00 (106.70 to 107.70): E

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



Time-->

7.16

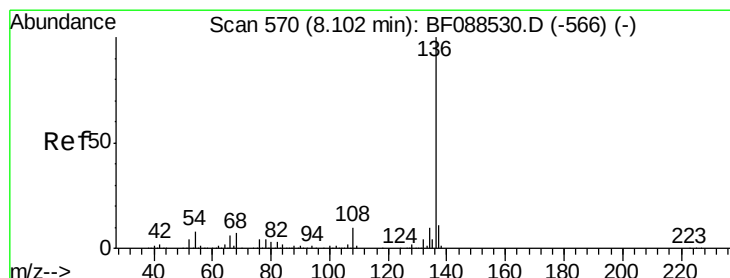
300000

200000

100000

0

7.10 7.15 7.20 7.25



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Tgt Ion:136 Resp: 423391

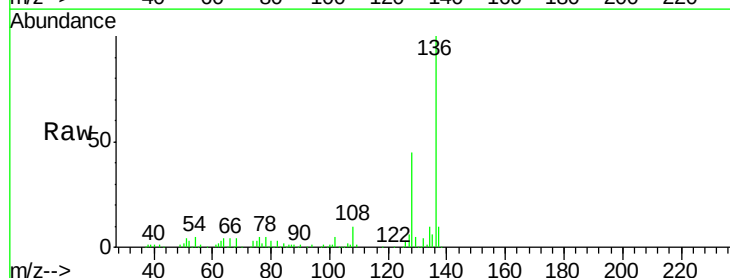
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 5.1 6.6 10.0#

68 4.3 5.1 7.7#

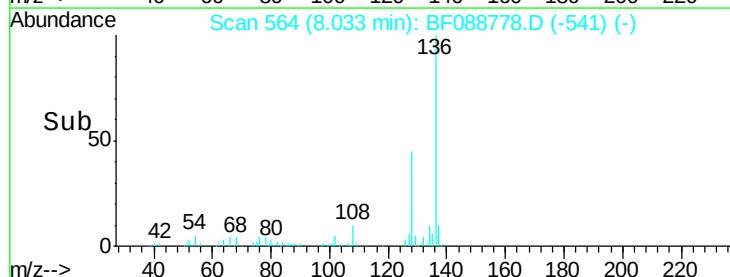


Abundance Ion 136.00 (135.70 to 136.70): E

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-->

8.03

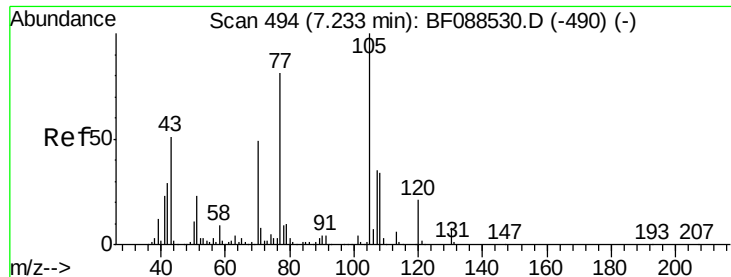
300000

200000

100000

0

7.95 8.00 8.05 8.10



#22

Acetophenone

Concen: 41.67 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.05 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

Tgt Ion:105 Resp: 428221

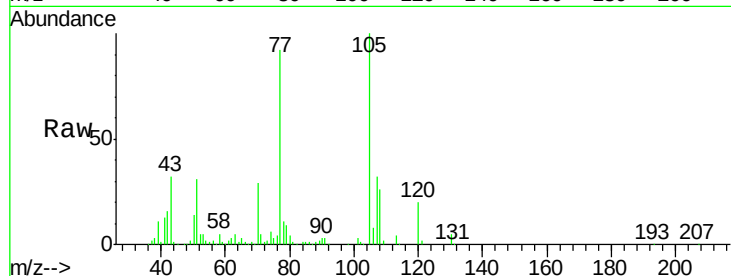
Ion Ratio Lower Upper

105 100

71 4.7 5.3 7.9#

51 30.5 18.2 27.4#

120 19.8 18.0 27.0

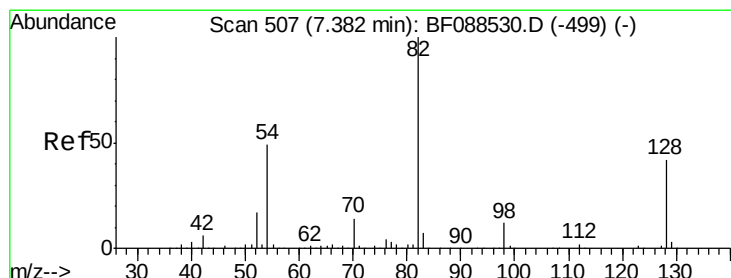
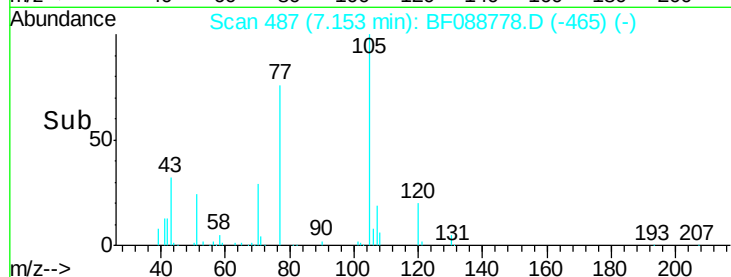
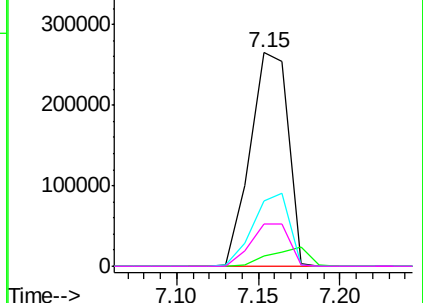


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 82.99 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

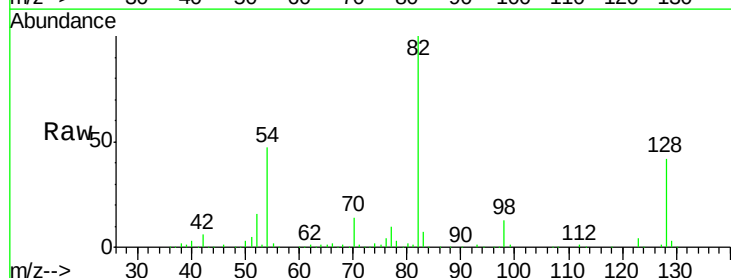
Tgt Ion: 82 Resp: 670538

Ion Ratio Lower Upper

82 100

128 42.3 35.9 53.9

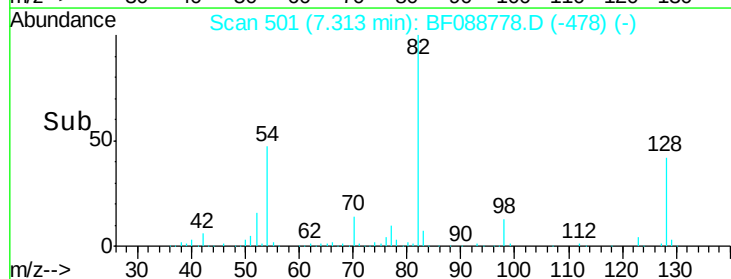
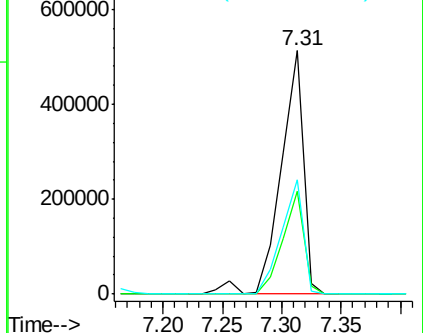
54 47.0 40.9 61.3

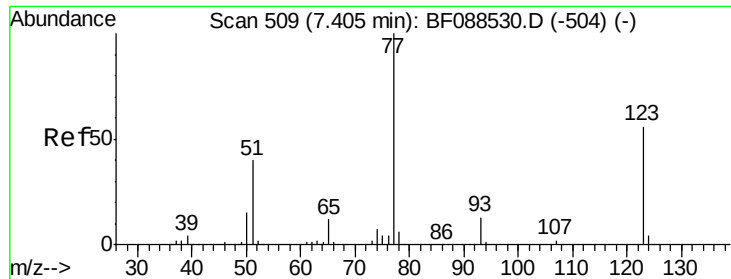


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 39.01 ng

RT: 7.32 min Scan# 502

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

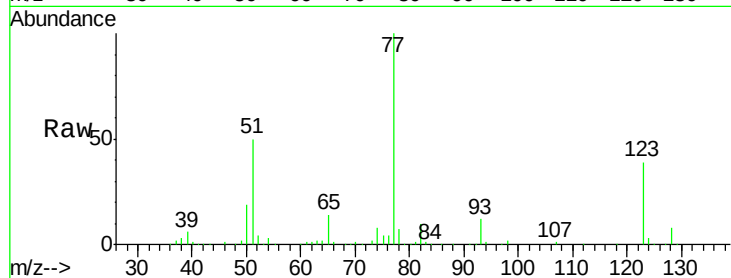
Tgt Ion: 77 Resp: 317775

Ion Ratio Lower Upper

77 100

123 38.7 45.0 67.4#

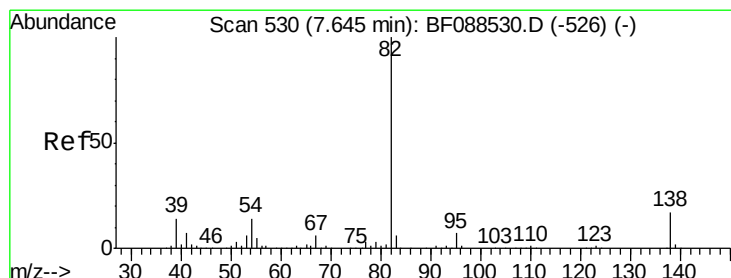
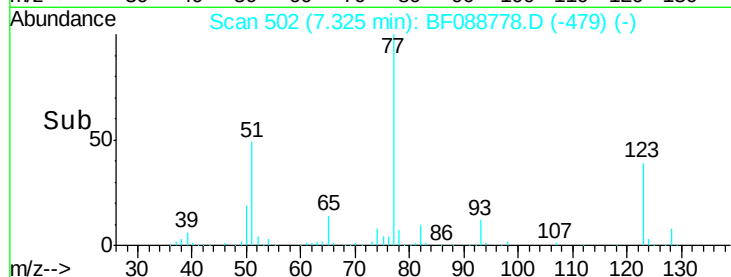
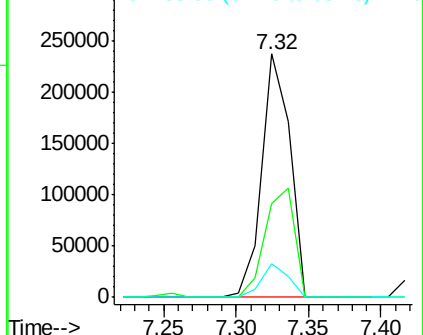
65 13.6 10.2 15.2



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: 41.14 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

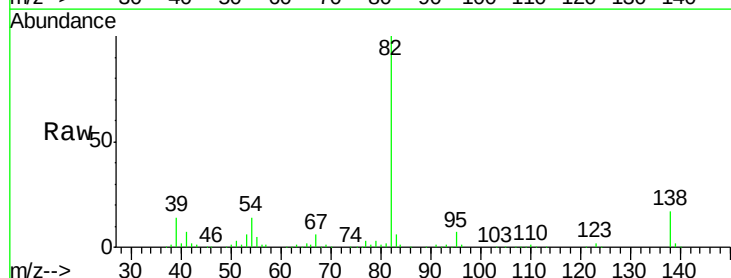
Tgt Ion: 82 Resp: 615647

Ion Ratio Lower Upper

82 100

95 7.5 5.4 8.2

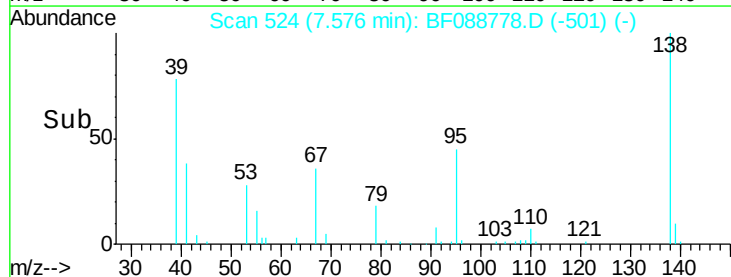
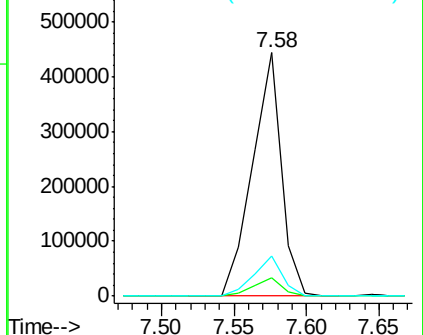
138 16.7 14.6 21.8

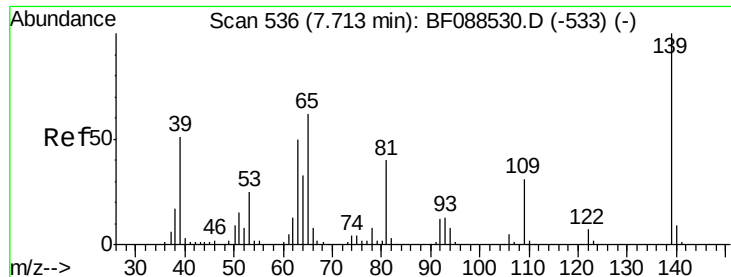


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

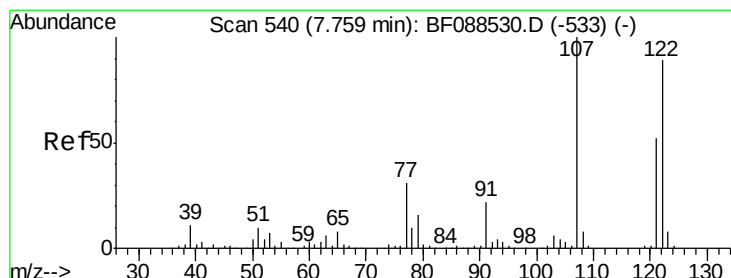
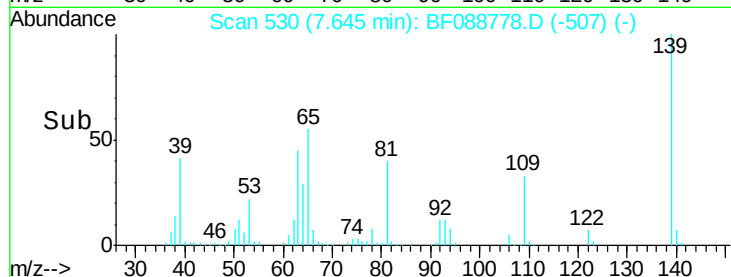
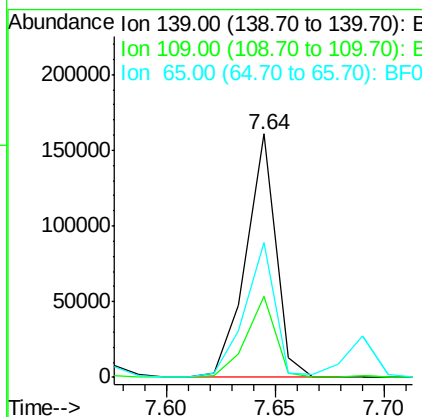
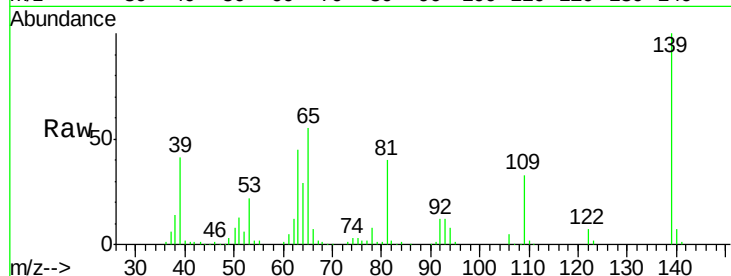




#26
 2-Nitrophenol
 Concen: 46.08 ng
 RT: 7.64 min Scan# 530
 Delta R.T. -0.03 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

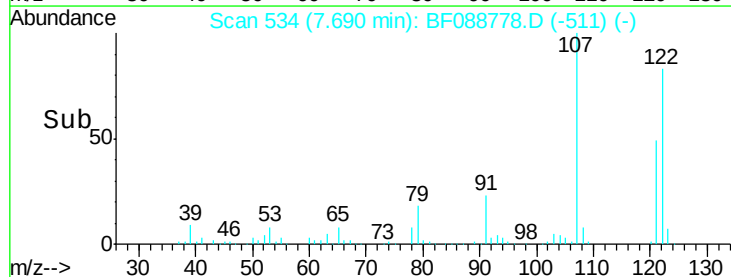
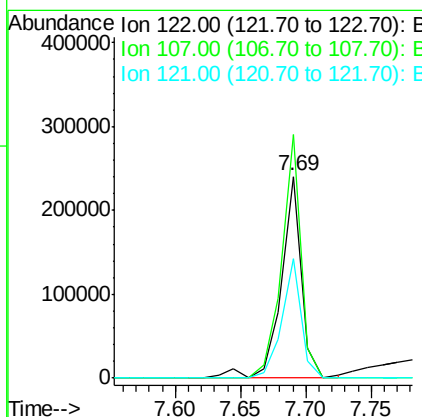
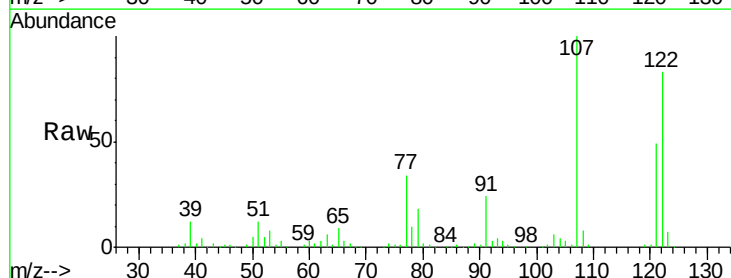
Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

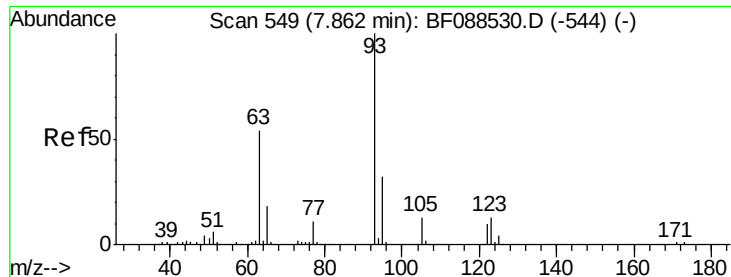
Tgt Ion:139 Resp: 153937
 Ion Ratio Lower Upper
 139 100
 109 33.3 23.0 34.4
 65 55.2 45.8 68.8



#27
 2,4-Dimethylphenol
 Concen: 38.20 ng
 RT: 7.69 min Scan# 534
 Delta R.T. -0.03 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Tgt Ion:122 Resp: 265769
 Ion Ratio Lower Upper
 122 100
 107 120.5 82.4 123.6
 121 58.9 46.3 69.5

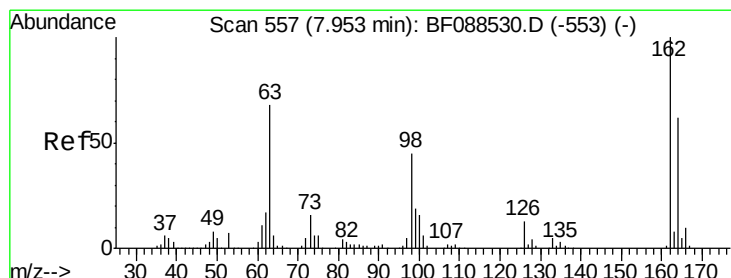
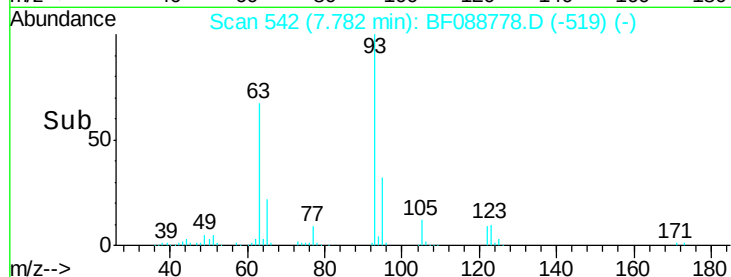
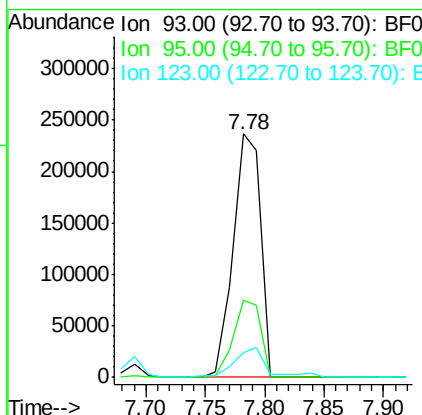
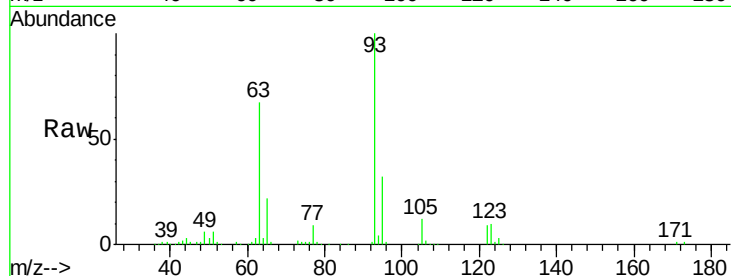




#28
bis(2-Chloroethoxy)methane
Concen: 38.86 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.03 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

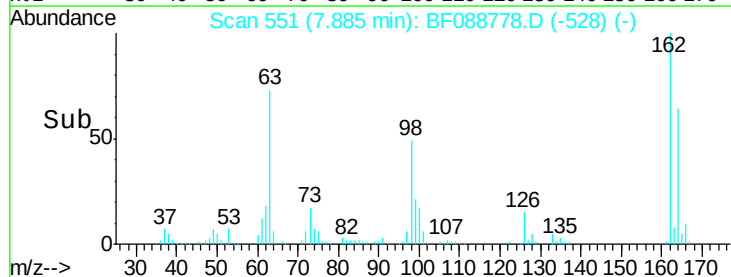
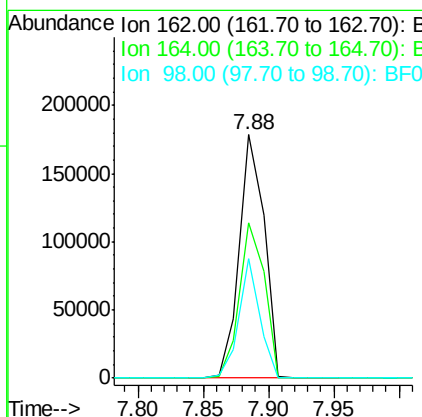
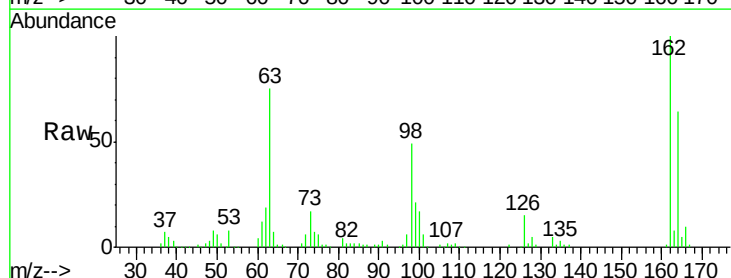
Instrument :
BNA_F
ClientSampleId :
PB91873BS

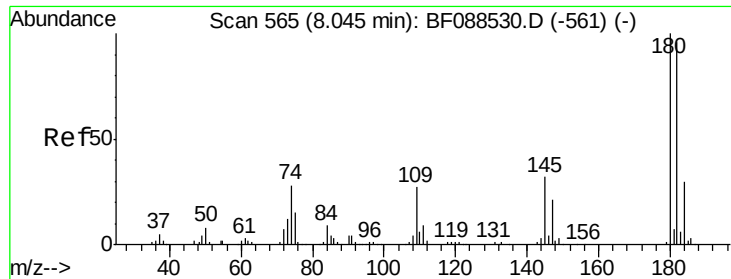
Tgt Ion: 93 Resp: 378484
Ion Ratio Lower Upper
93 100
95 31.7 26.5 39.7
123 10.1 11.6 17.4#



#29
2,4-Dichlorophenol
Concen: 42.15 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion: 162 Resp: 236975
Ion Ratio Lower Upper
162 100
164 63.6 43.8 83.8
98 49.3 21.3 61.3

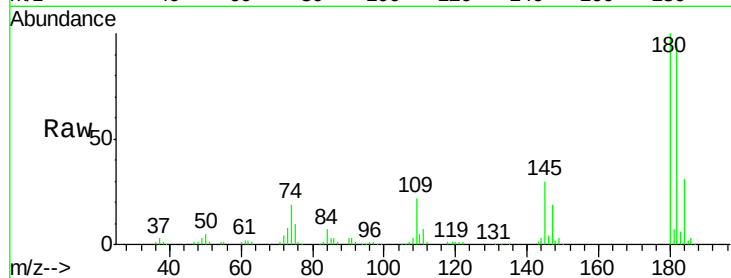




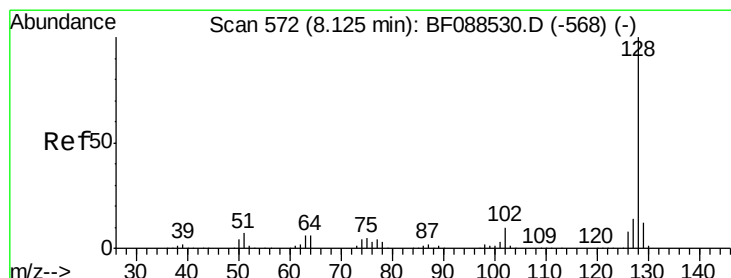
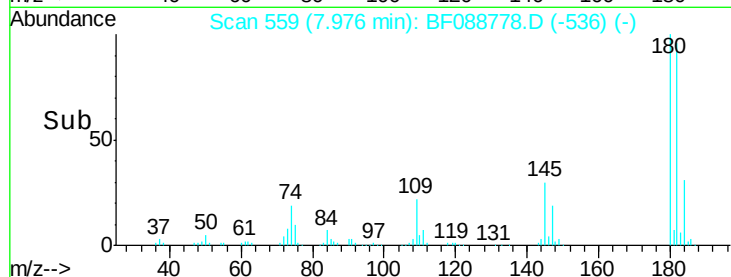
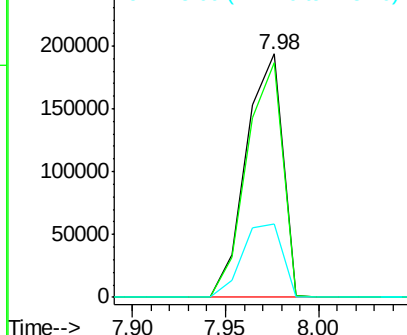
#30
 1,2,4-Trichlorobenzene
 Concen: 42.54 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.03 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion:180 Resp: 262516
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.0 114.0
 145 30.1 26.5 39.7

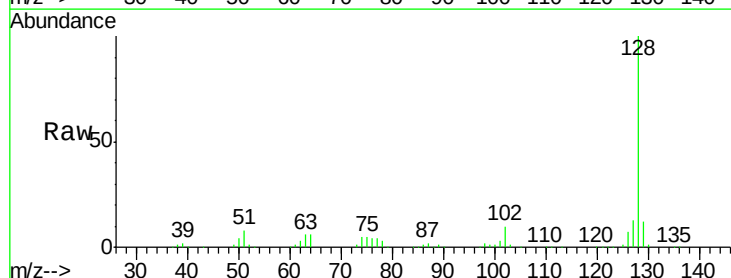


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

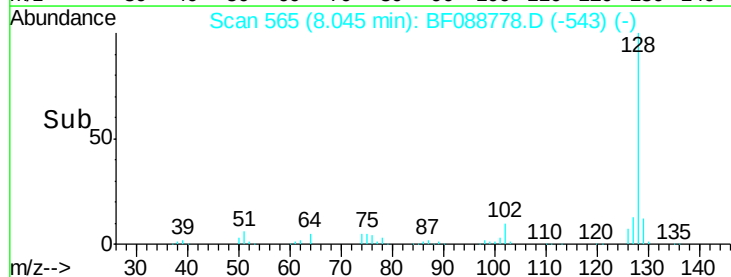
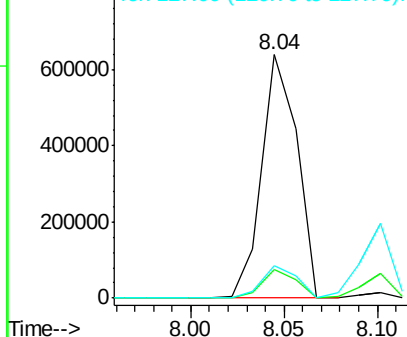


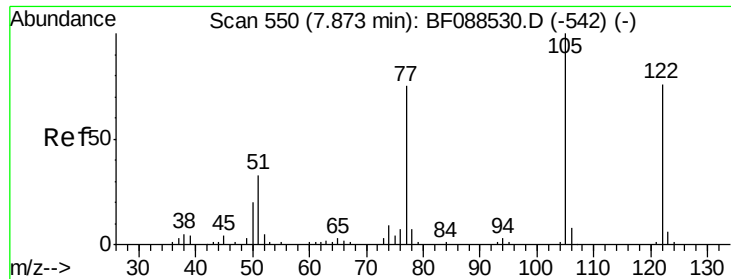
#31
 Naphthalene
 Concen: 40.03 ng
 RT: 8.04 min Scan# 565
 Delta R.T. -0.05 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Tgt Ion:128 Resp: 835499
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.4 14.2
 127 13.4 10.9 16.3



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: 36.04 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.02 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

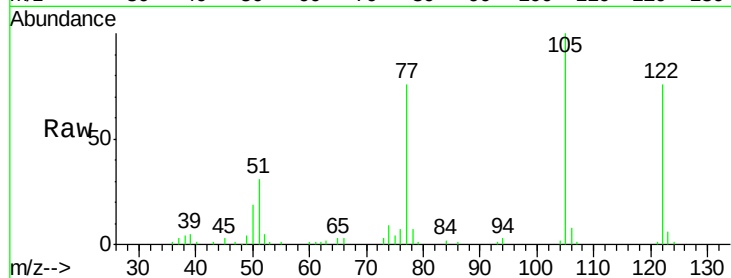
Tgt Ion:122 Resp: 182039

Ion Ratio Lower Upper

122 100

105 131.2 101.6 141.6

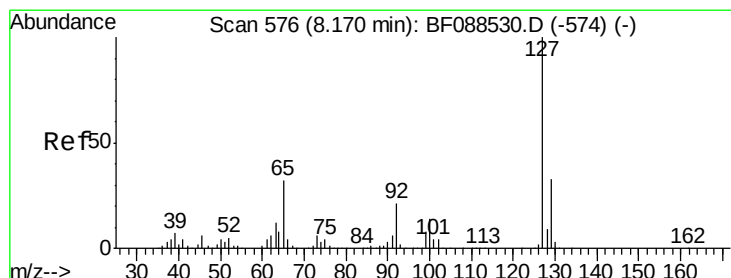
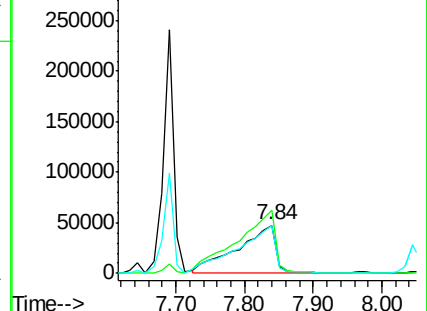
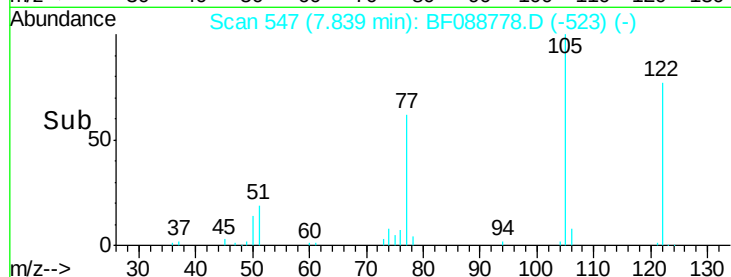
77 99.5 70.6 110.6



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: 24.23 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Tgt Ion:127 Resp: 225005

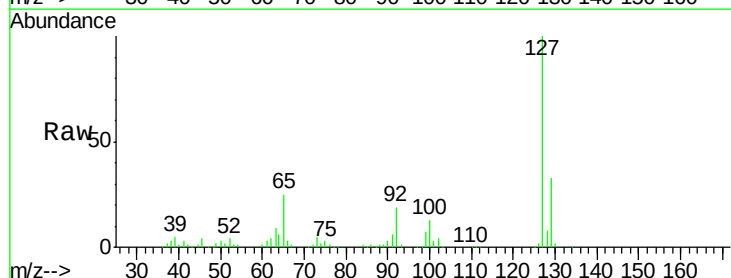
Ion Ratio Lower Upper

127 100

129 32.8 26.3 39.5

65 25.4 24.7 37.1

92 18.9 15.4 23.0

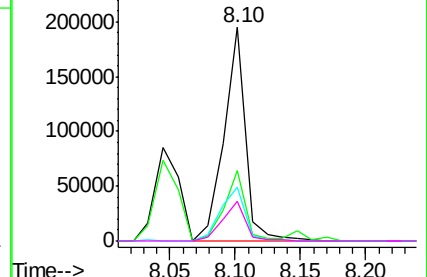
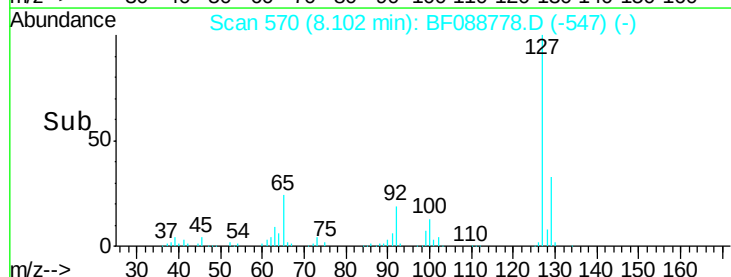


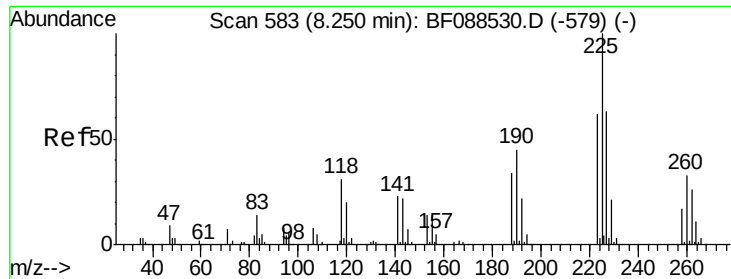
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 42.31 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

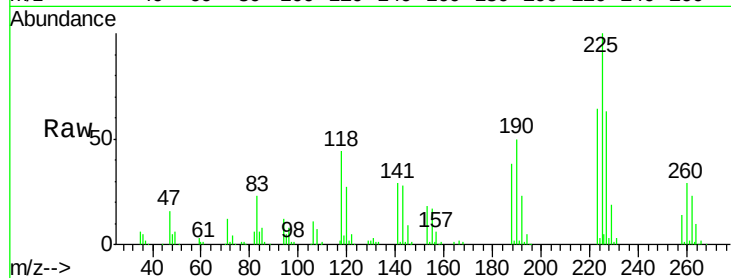
Tgt Ion:225 Resp: 139807

Ion Ratio Lower Upper

225 100

223 63.6 50.9 76.3

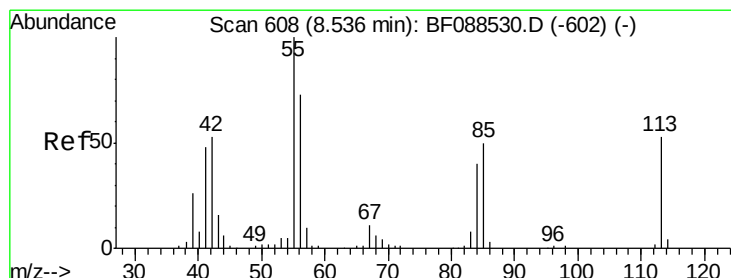
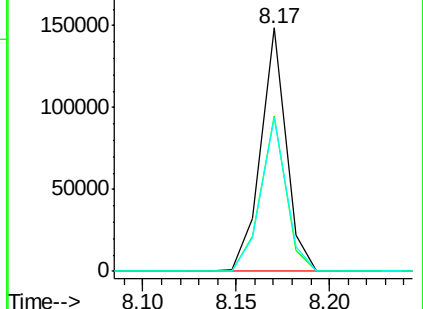
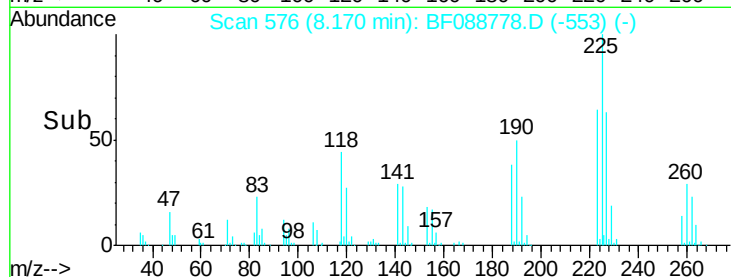
227 63.4 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 24.89 ng

RT: 8.48 min Scan# 603

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

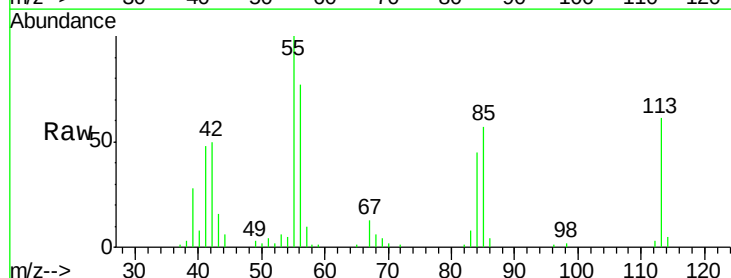
Tgt Ion:113 Resp: 47534

Ion Ratio Lower Upper

113 100

55 164.2 158.6 198.6

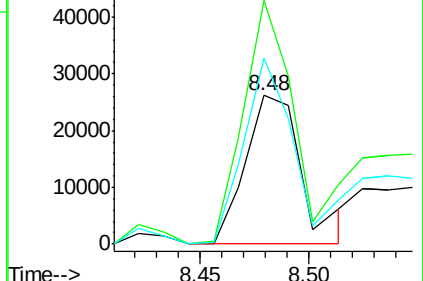
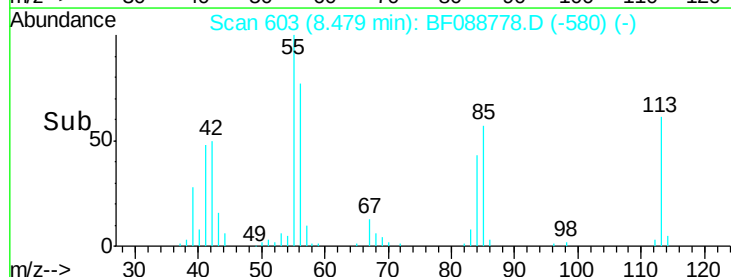
56 125.6 110.6 150.6

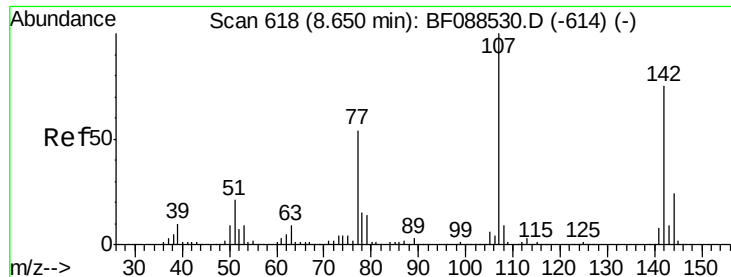


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

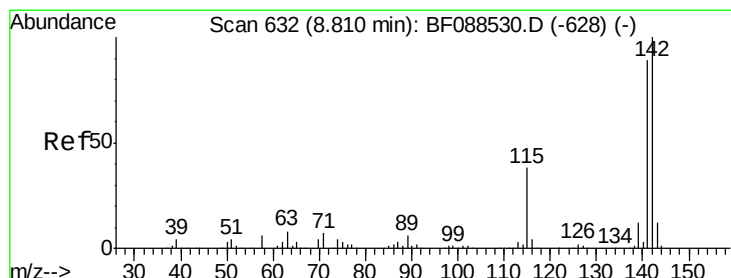
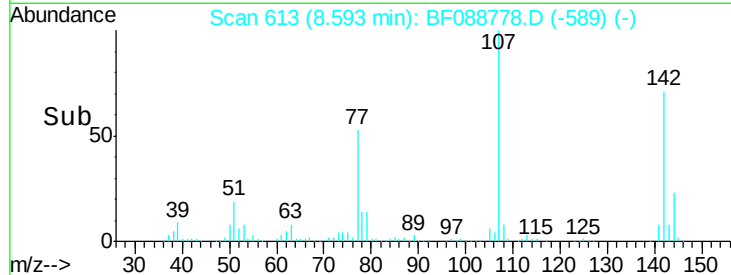
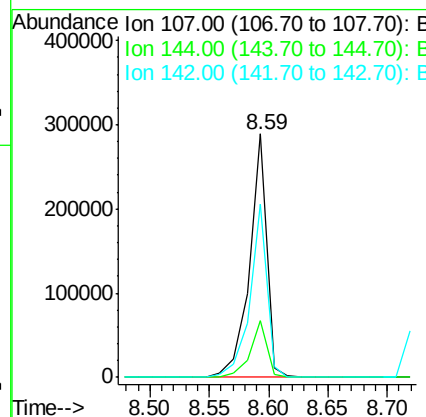
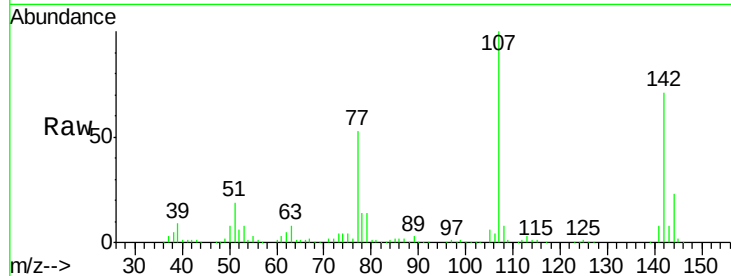




#36
 4-Chloro-3-methylphenol
 Concen: 44.24 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

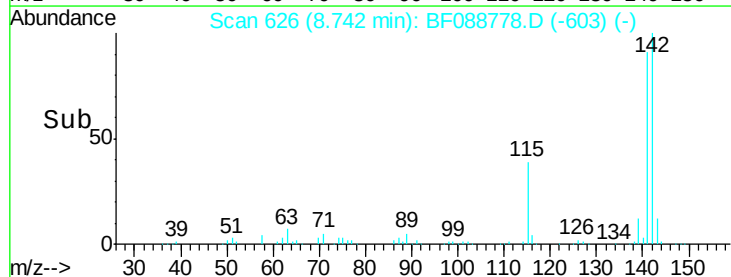
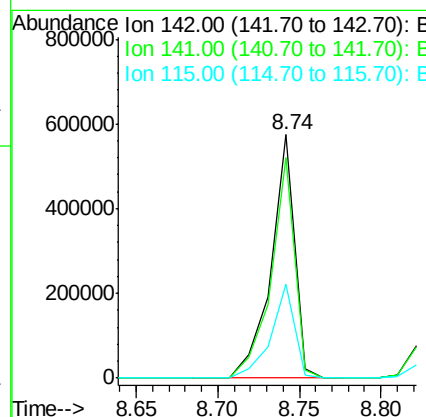
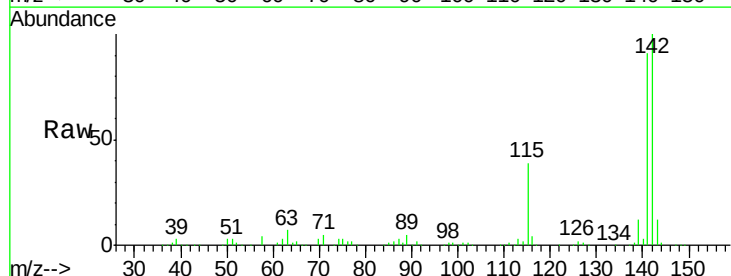
Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

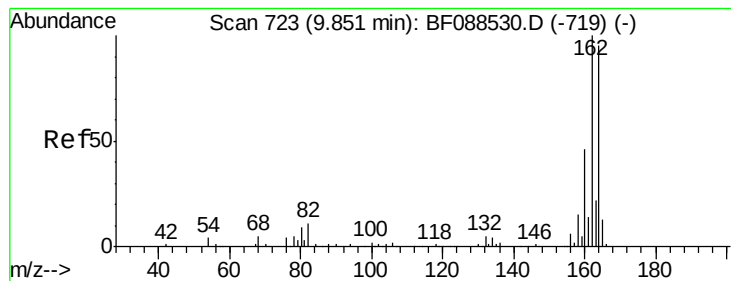
Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	20.8	31.2
142	71.3	63.4	95.2



#37
 2-Methylnaphthalene
 Concen: 43.06 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.0	106.6
115	38.8	22.6	33.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

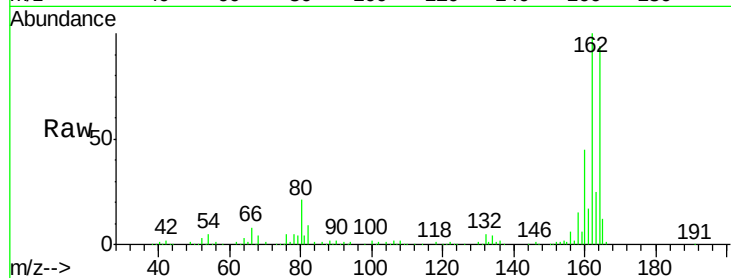
Tgt Ion:164 Resp: 203328

Ion Ratio Lower Upper

164 100

162 106.4 85.4 128.2

160 47.7 39.5 59.3

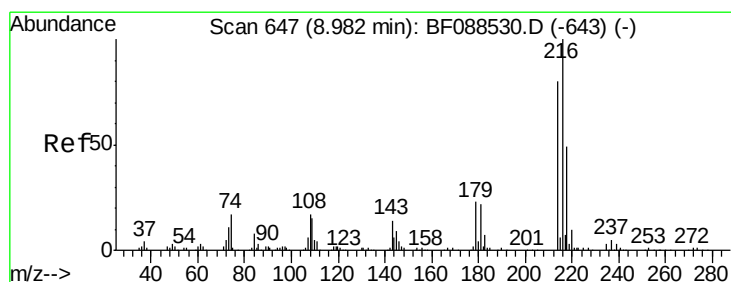
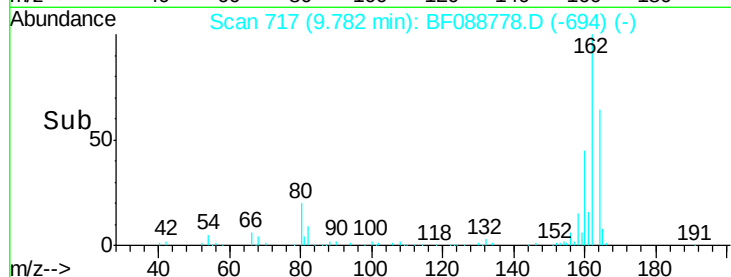
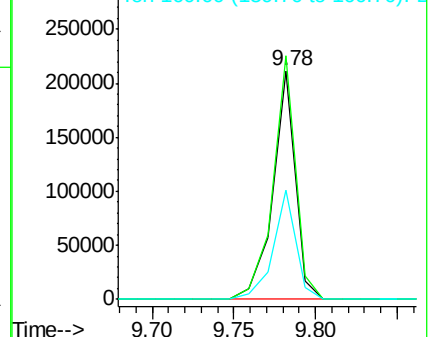


Abundance

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: 38.25 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Tgt Ion:216 Resp: 258665

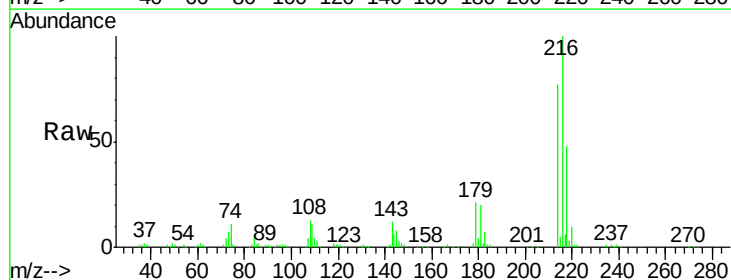
Ion Ratio Lower Upper

216 100

214 78.0 2.9 4.3#

179 22.3 0.0 0.0#

108 21.6 0.5 0.7#



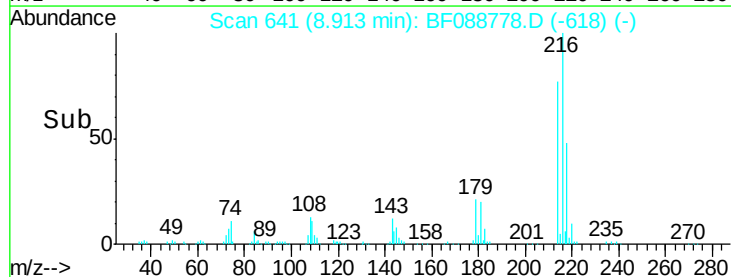
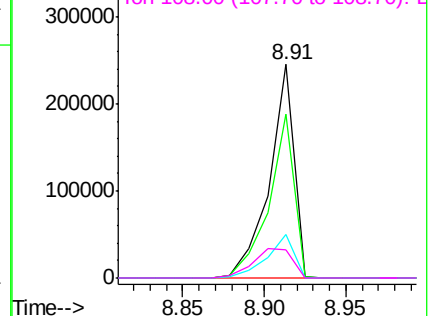
Abundance

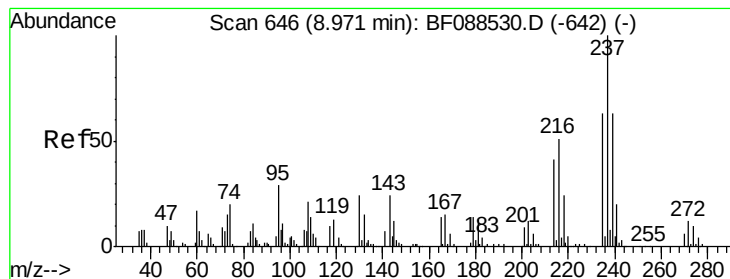
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 79.47 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

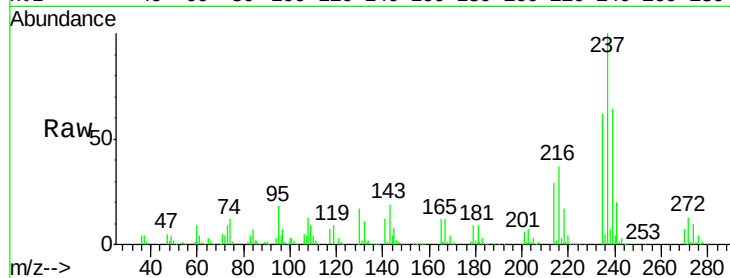
Tgt Ion:237 Resp: 263772

Ion Ratio Lower Upper

237 100

235 62.3 43.4 83.4

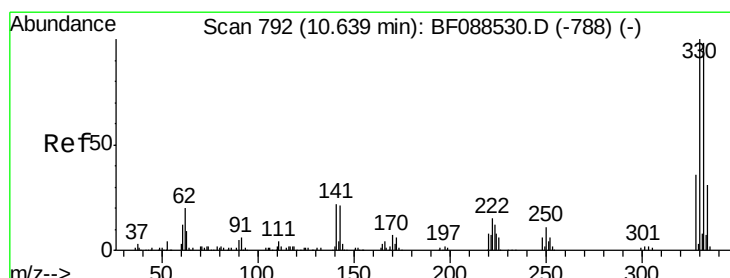
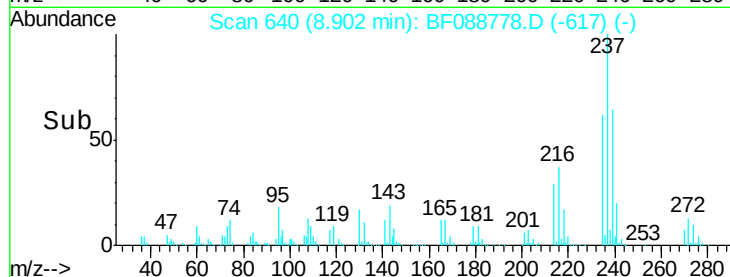
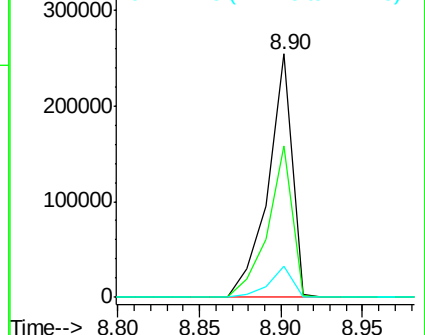
272 12.9 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 124.52 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

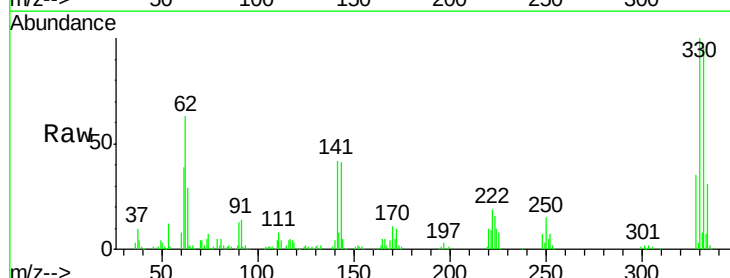
Tgt Ion:330 Resp: 235114

Ion Ratio Lower Upper

330 100

332 96.7 0.0 0.0#

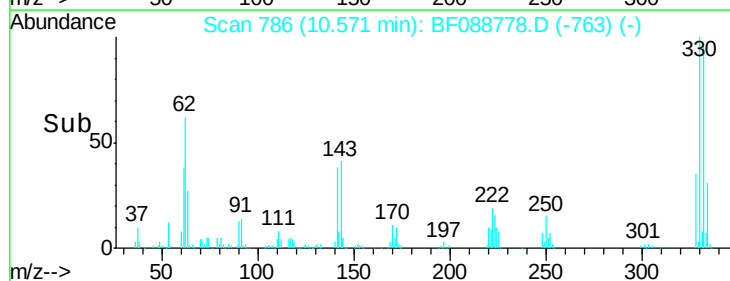
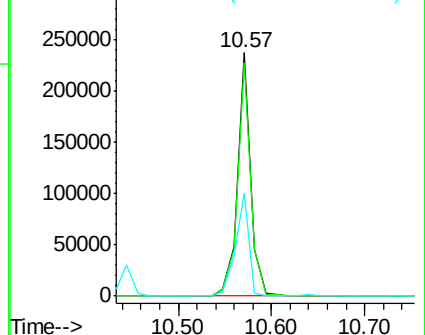
141 43.3 0.0 0.0#

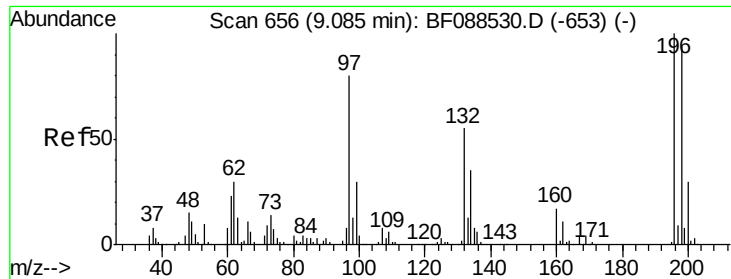


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 41.56 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

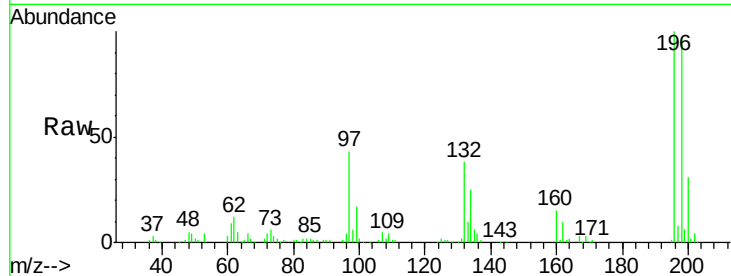
Tgt Ion:196 Resp: 185290

Ion Ratio Lower Upper

196 100

198 97.3 78.0 117.0

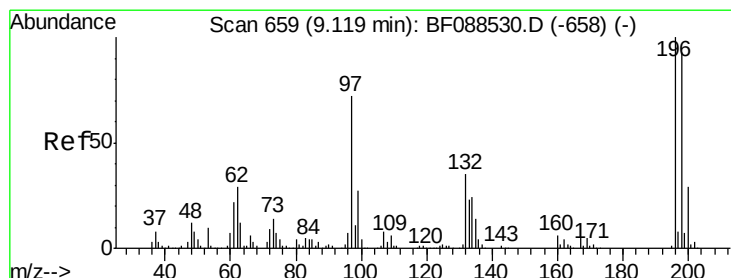
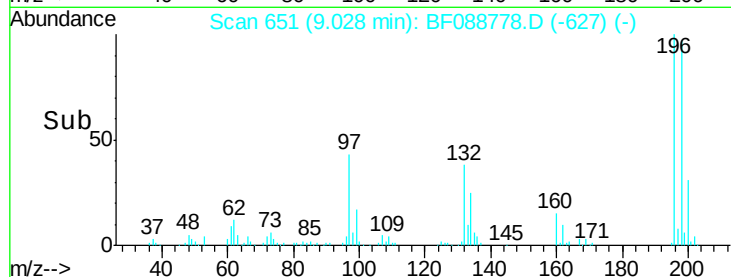
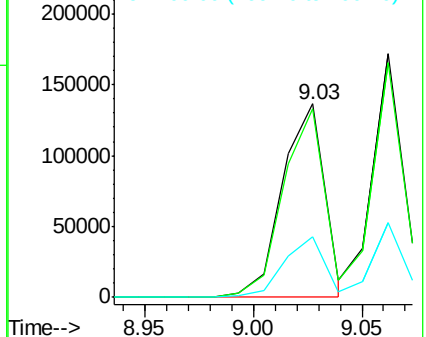
200 31.2 25.4 38.2



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 44.52 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Tgt Ion:196 Resp: 170787

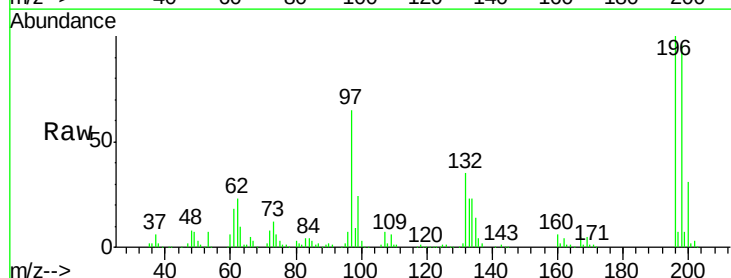
Ion Ratio Lower Upper

196 100

198 96.2 77.5 116.3

97 65.4 32.0 48.0#

132 34.9 20.9 31.3#

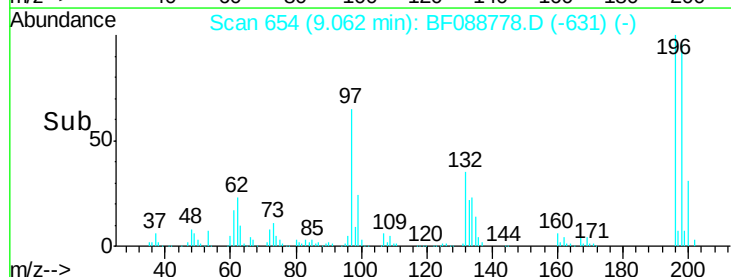
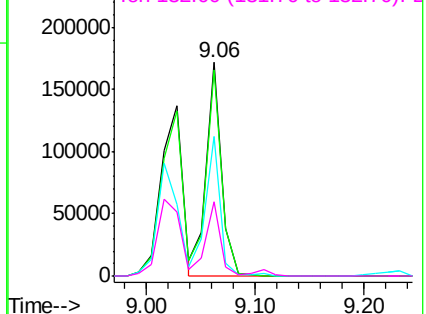


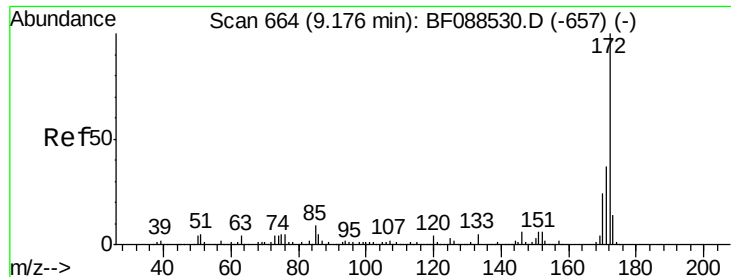
Abundance Ion 196.00 (195.70 to 196.70): E

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: 80.96 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

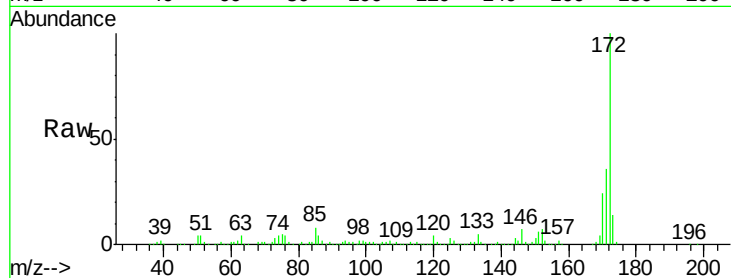
Tgt Ion:172 Resp: 1042204

Ion Ratio Lower Upper

172 100

171 36.4 28.6 43.0

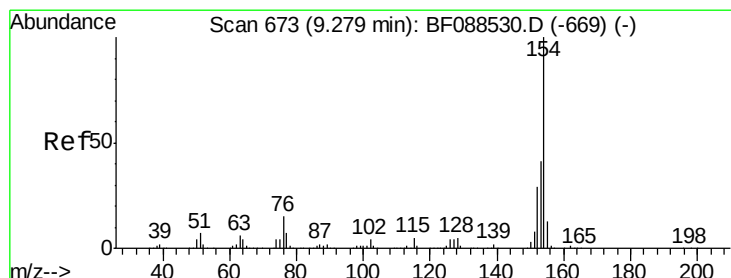
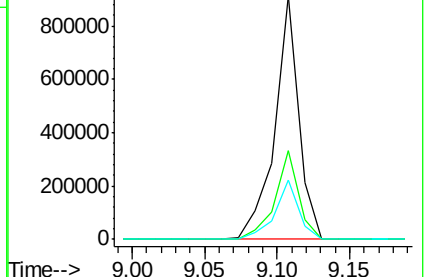
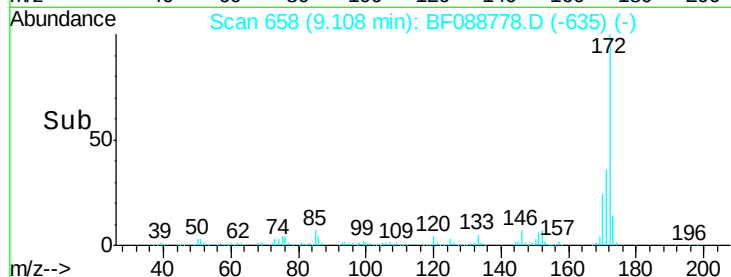
170 24.3 19.2 28.8



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: 43.02 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

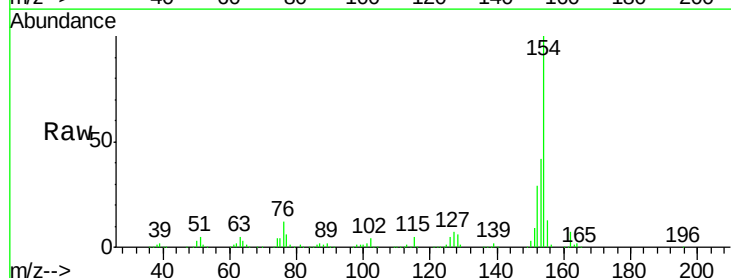
Tgt Ion:154 Resp: 724367

Ion Ratio Lower Upper

154 100

153 41.6 20.6 60.6

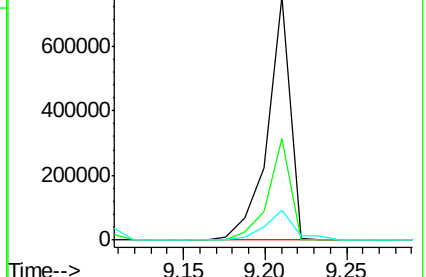
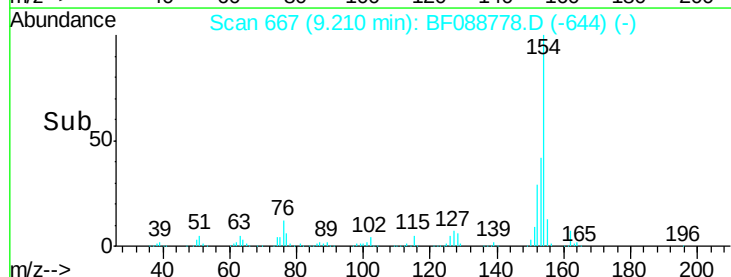
76 12.1 0.0 35.1

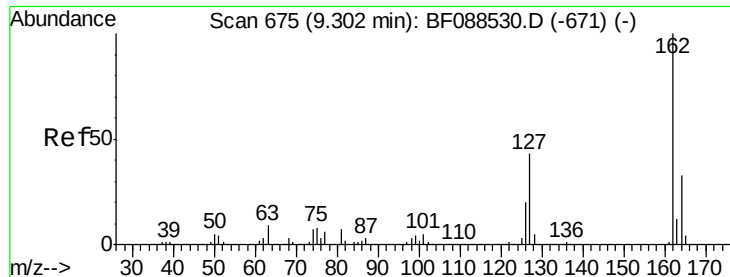


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

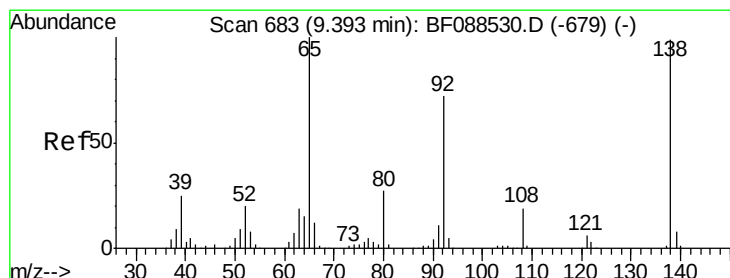
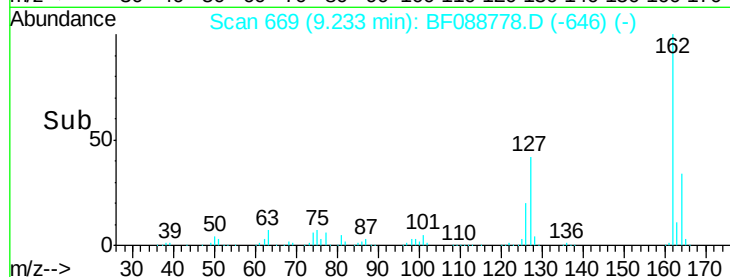
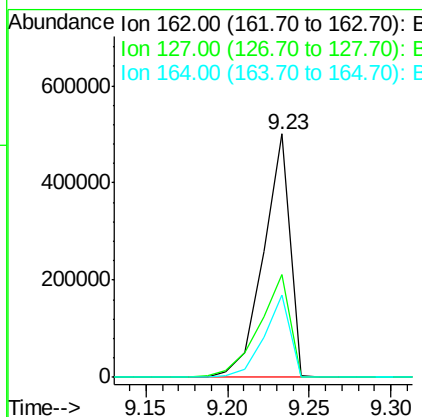
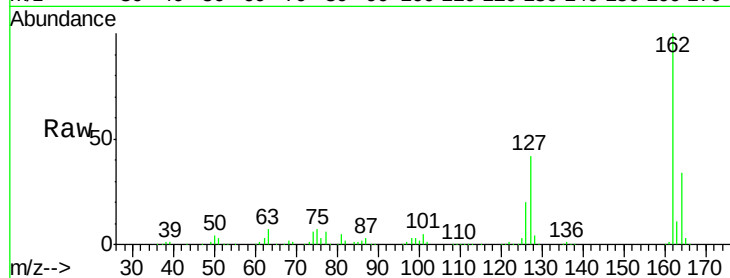




#46
 2-Chloronaphthalene
 Concen: 42.85 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.03 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

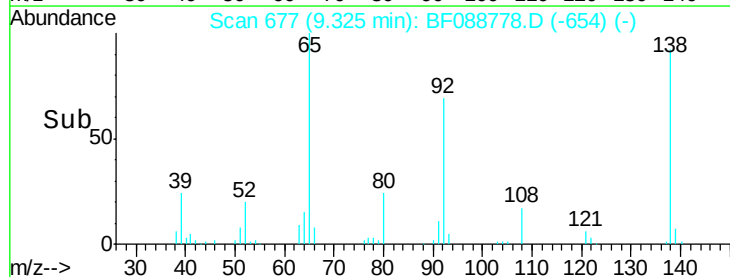
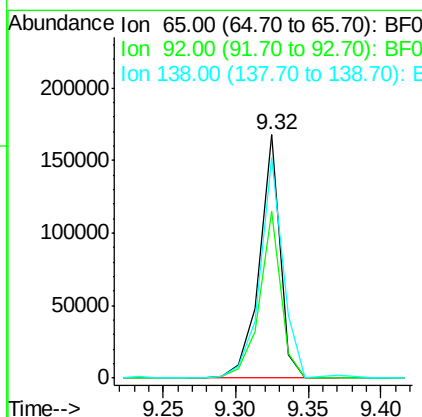
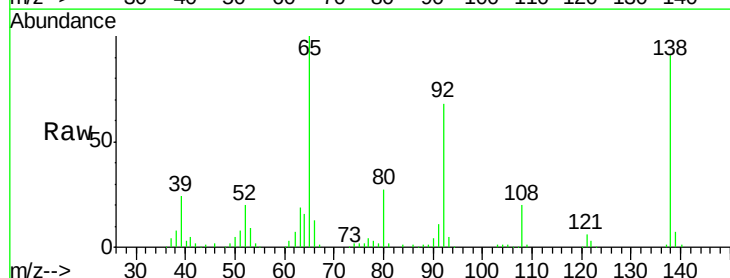
Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

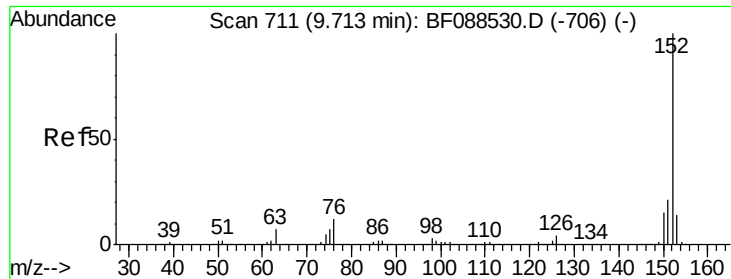
Tgt Ion: 162 Resp: 566367
 Ion Ratio Lower Upper
 162 100
 127 42.2 35.2 52.8
 164 33.7 26.6 39.8



#47
 2-Nitroaniline
 Concen: 35.58 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.03 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Tgt Ion: 65 Resp: 166913
 Ion Ratio Lower Upper
 65 100
 92 68.4 54.6 82.0
 138 90.7 77.0 115.4





#48

Acenaphthylene

Concen: 41.06 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

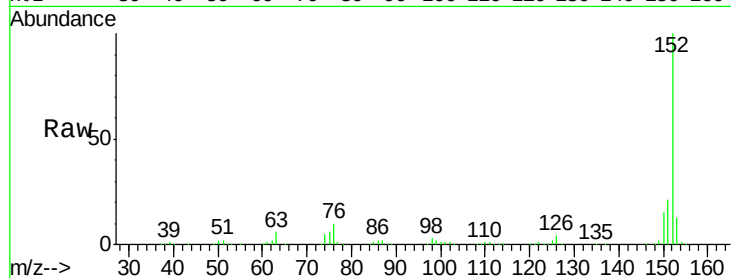
Tgt Ion:152 Resp: 863592

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

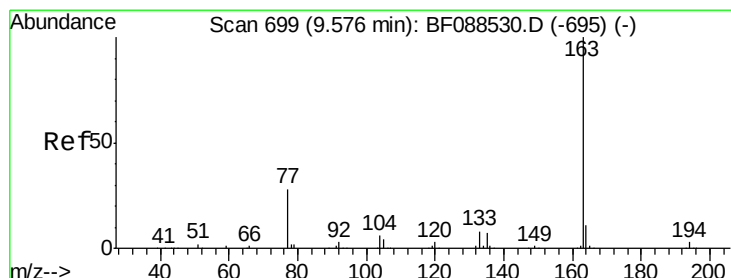
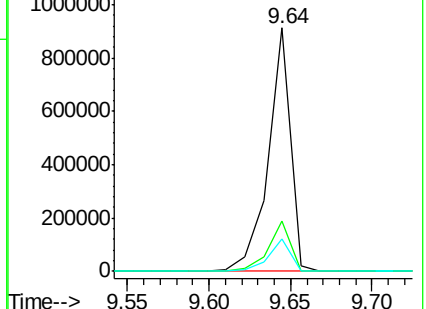
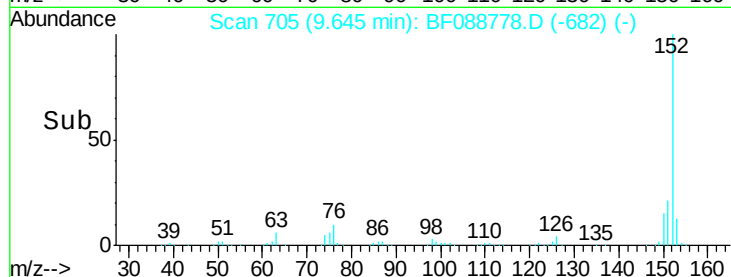
153 13.4 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 44.58 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

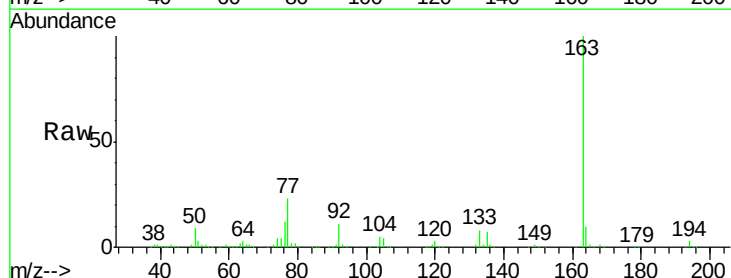
Tgt Ion:163 Resp: 645782

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

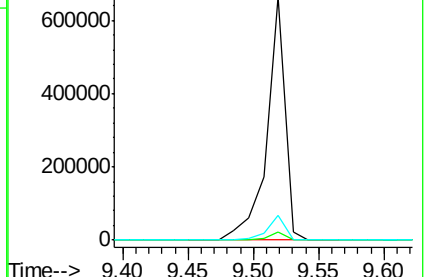
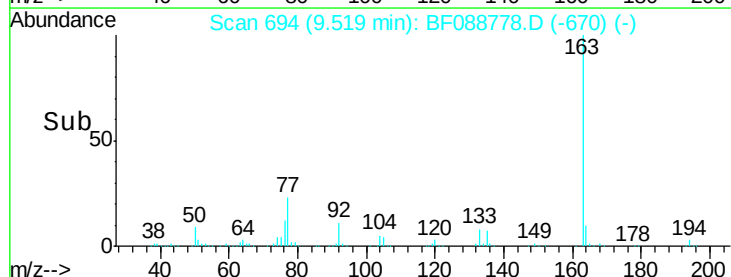
164 10.2 8.3 12.5

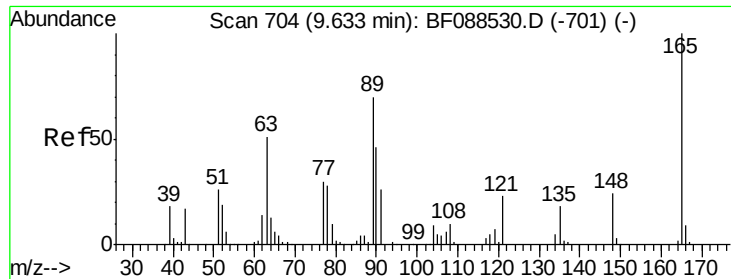


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

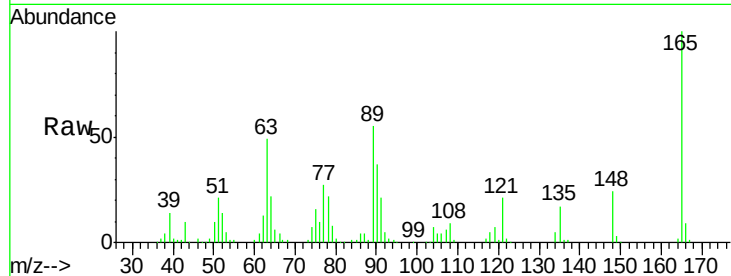




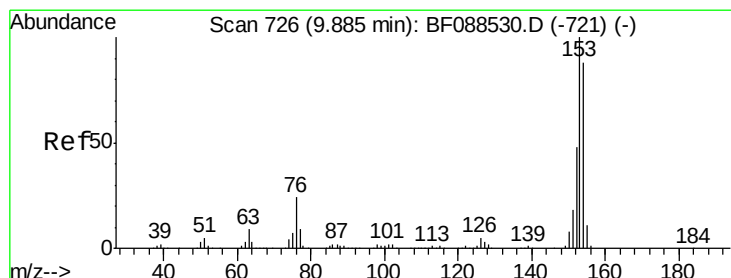
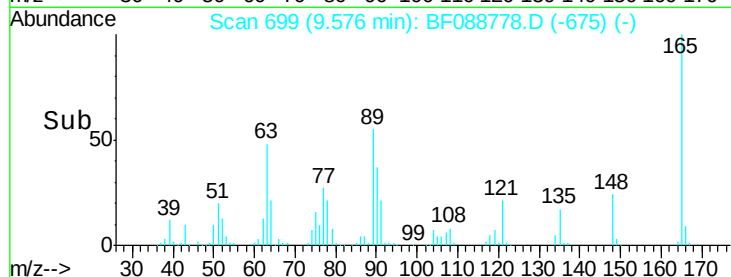
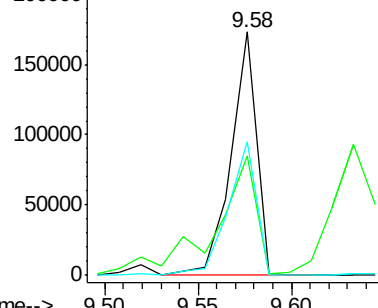
#50
 2,6-Dinitrotoluene
 Concen: 50.61 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion:165 Resp: 162479
 Ion Ratio Lower Upper
 165 100
 63 49.0 28.1 42.1#
 89 55.0 32.2 48.2#

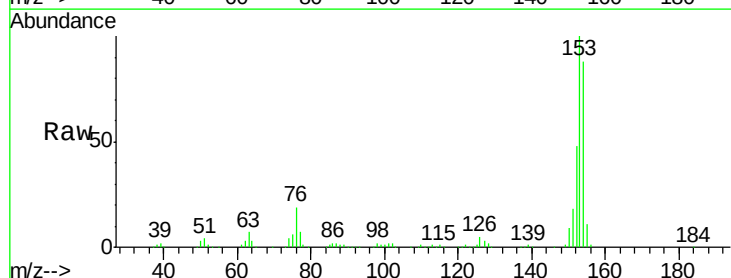


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

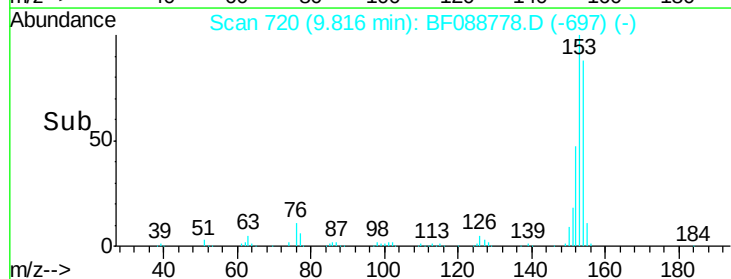
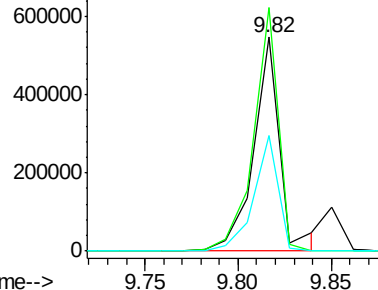


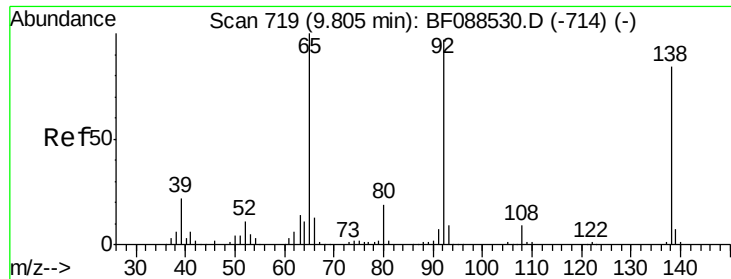
#51
 Acenaphthene
 Concen: 41.71 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Tgt Ion:154 Resp: 537711
 Ion Ratio Lower Upper
 154 100
 153 114.0 89.5 134.3
 152 54.4 42.7 64.1



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

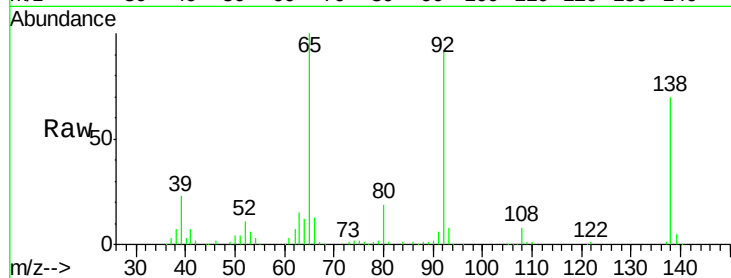




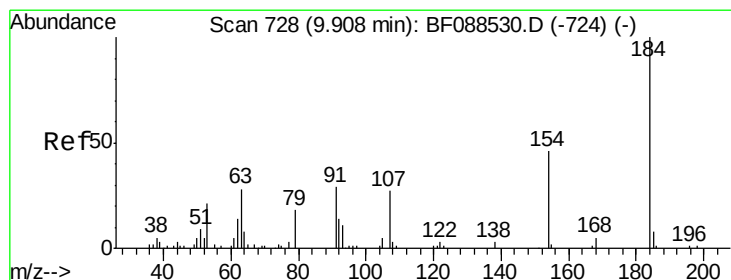
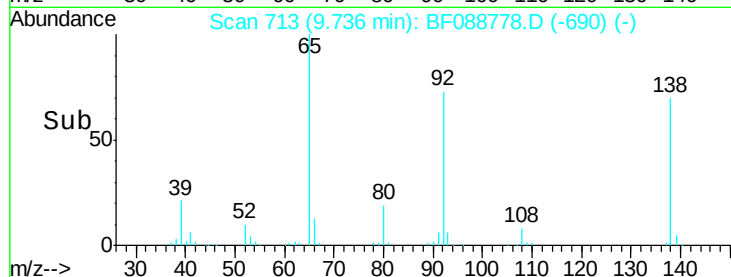
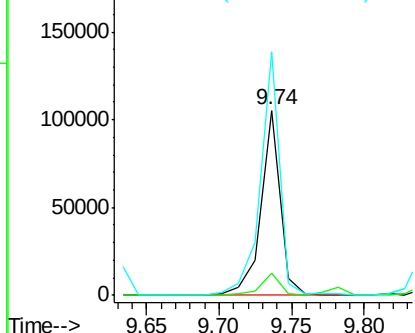
#52
 3-Nitroaniline
 Concen: 23.76 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.03 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion:138 Resp: 96985
 Ion Ratio Lower Upper
 138 100
 108 12.0 8.5 12.7
 92 131.5 95.7 143.5

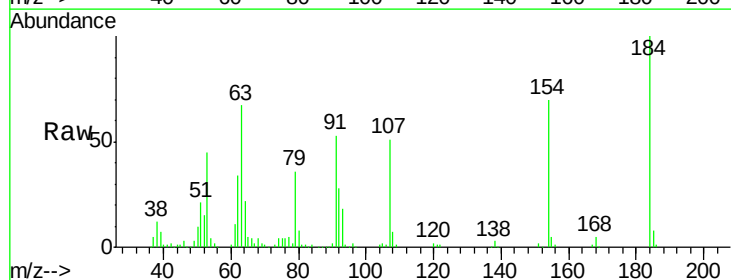


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

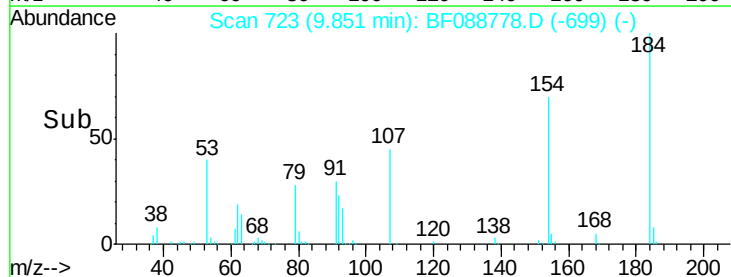
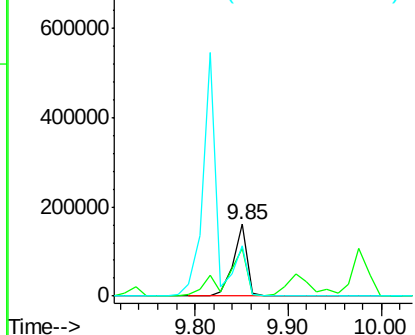


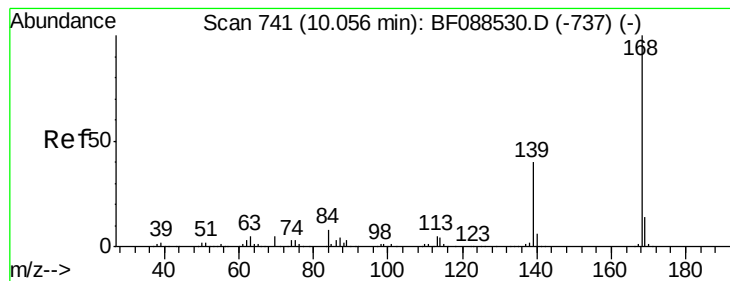
#53
 2,4-Dinitrophenol
 Concen: 119.54 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.02 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Tgt Ion:184 Resp: 169456
 Ion Ratio Lower Upper
 184 100
 63 66.7 57.6 86.4
 154 70.4 53.5 80.3



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: 42.25 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

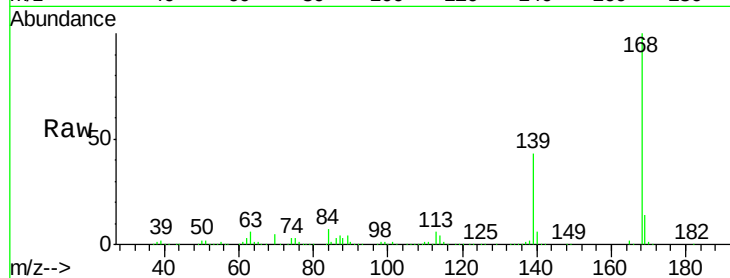
Tgt Ion:168 Resp: 712841

Ion Ratio Lower Upper

168 100

139 43.4 26.4 39.6#

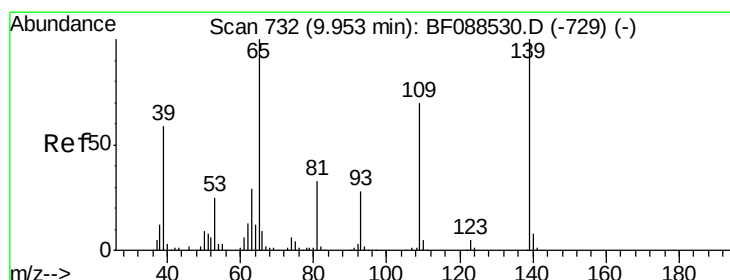
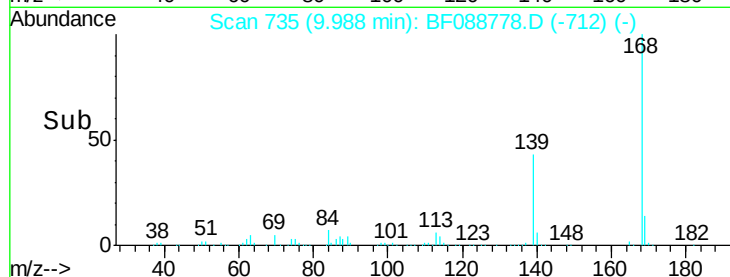
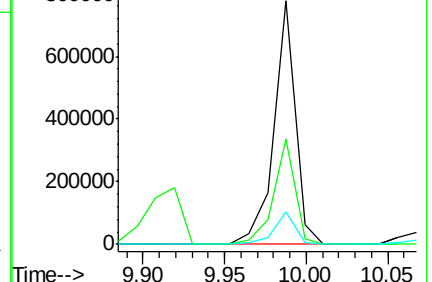
169 13.5 10.4 15.6



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: 87.99 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

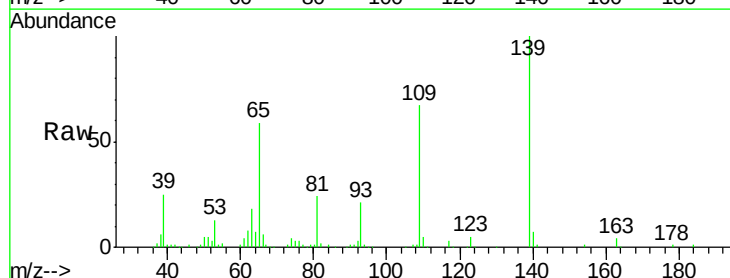
Tgt Ion:139 Resp: 272900

Ion Ratio Lower Upper

139 100

109 67.1 48.9 88.9

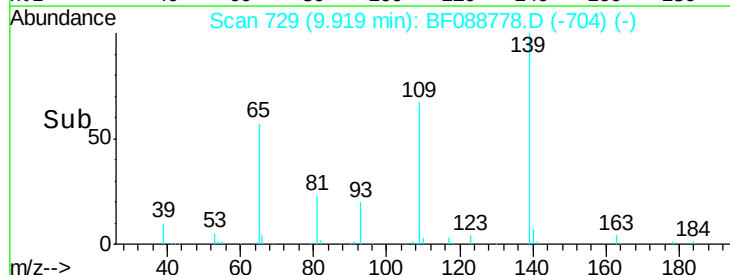
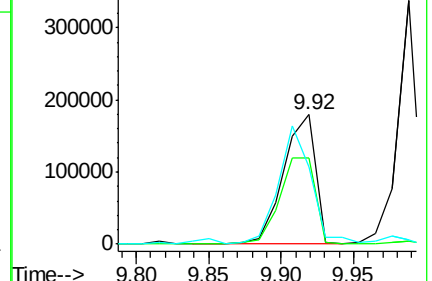
65 59.3 84.9 124.9#

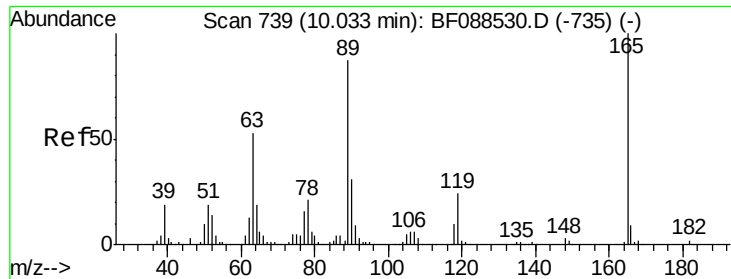


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 39.63 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

Tgt Ion:165 Resp: 166352

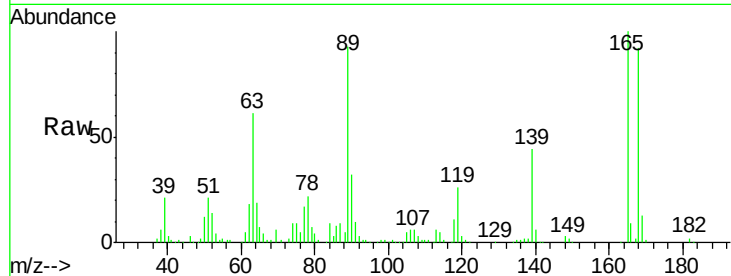
Ion Ratio Lower Upper

165 100

63 61.1 22.0 33.0#

89 92.8 41.1 61.7#

182 2.3 2.0 3.0

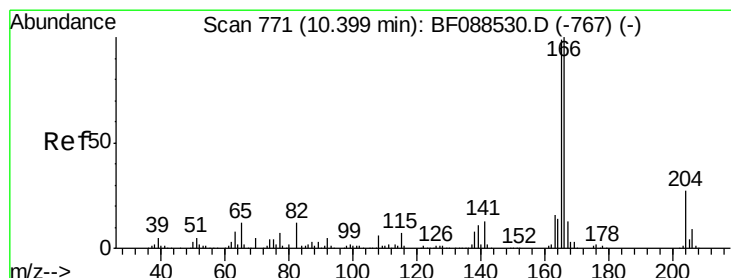
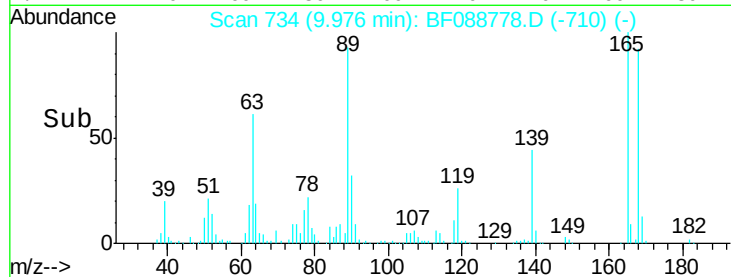
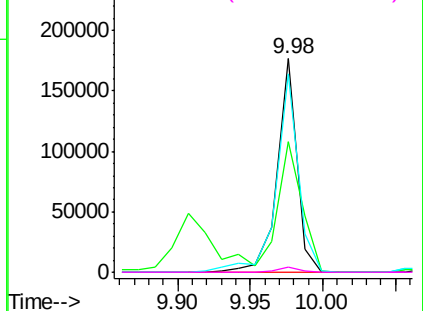


Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.09 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

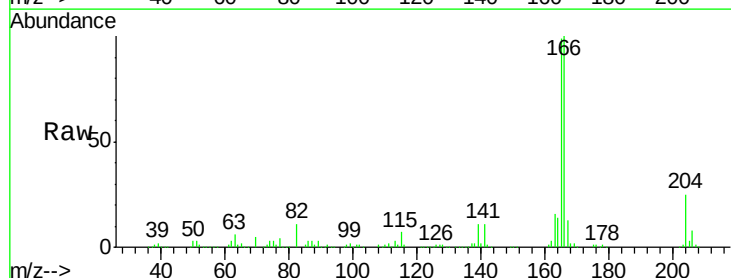
Tgt Ion:166 Resp: 599288

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.8

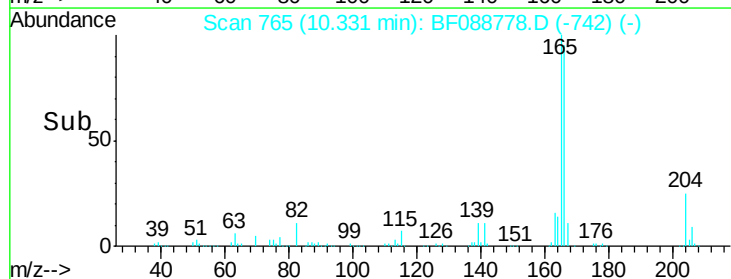
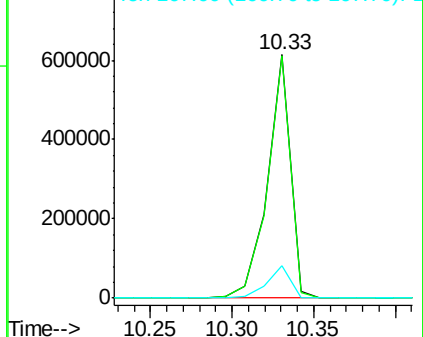
167 13.4 11.2 16.8

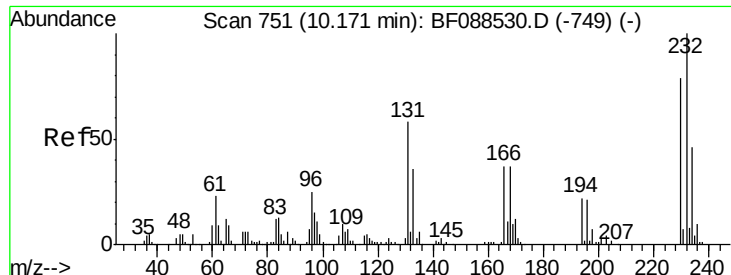


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

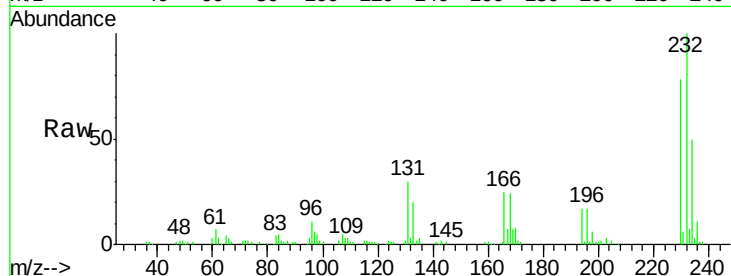




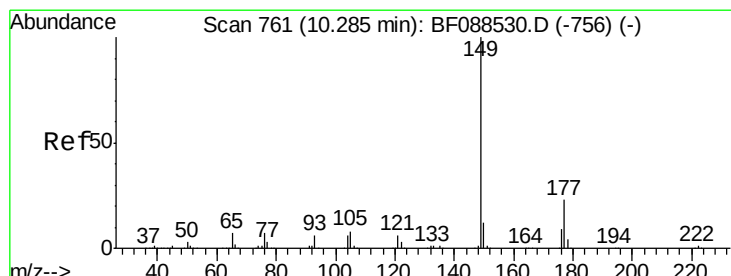
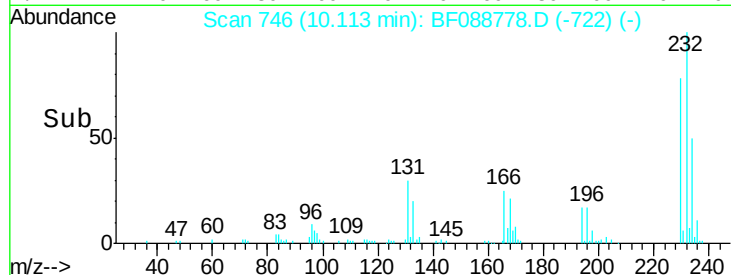
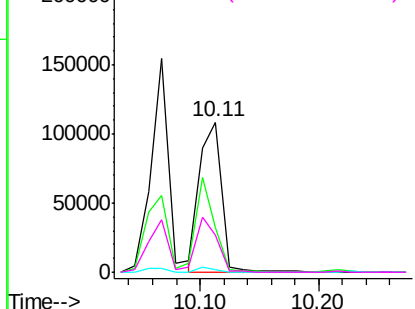
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.06 ng
 RT: 10.11 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Instrument :
 BNA_F
 ClientSampled :
 PB91873BS

Tgt Ion: 232 Resp: 142633
 Ion Ratio Lower Upper
 232 100
 131 53.5 0.9 1.3#
 130 2.8 1.5 2.3#
 166 34.2 0.5 0.7#

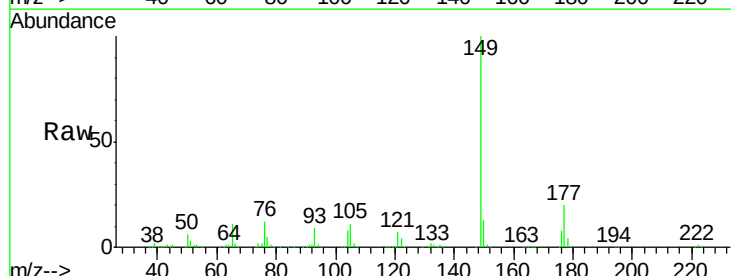


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

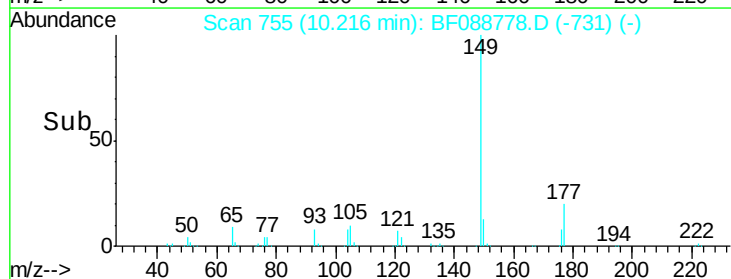
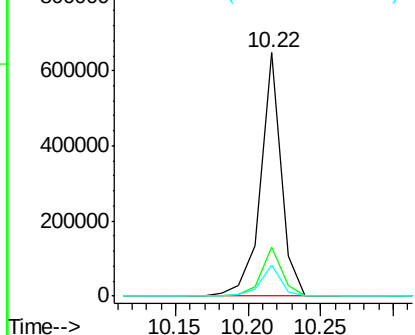


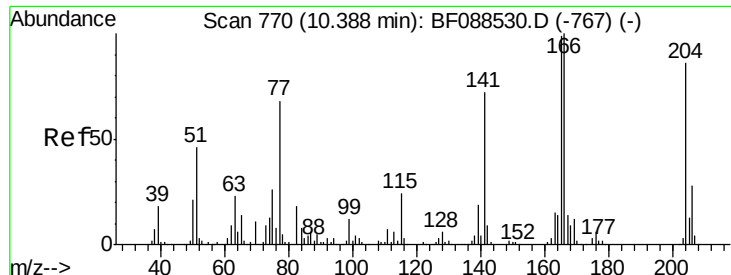
#59
 Diethylphthalate
 Concen: 43.68 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Tgt Ion: 149 Resp: 635020
 Ion Ratio Lower Upper
 149 100
 177 20.0 16.9 25.3
 150 12.9 10.1 15.1



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

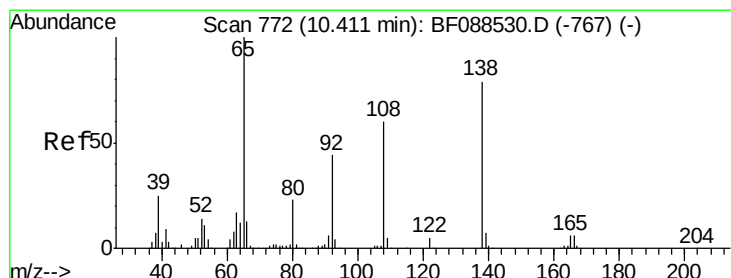
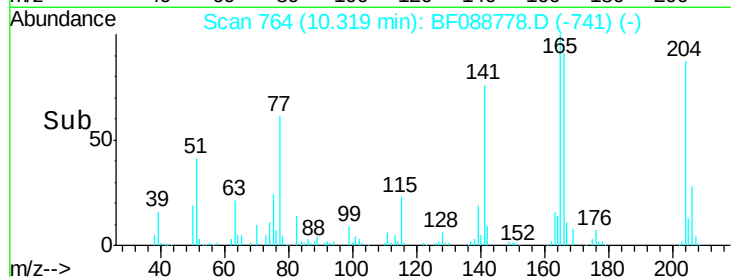
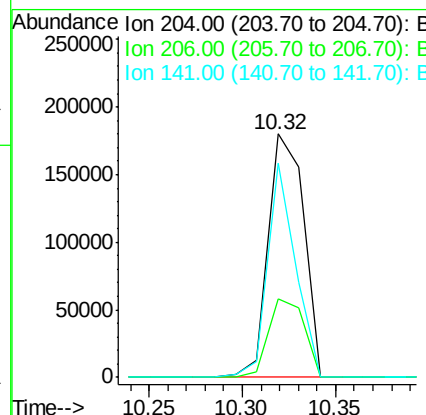
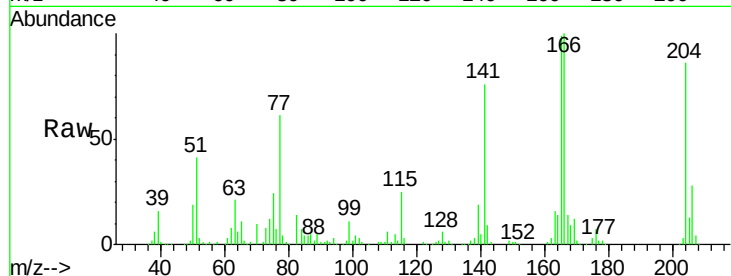




#60
 4-Chlorophenyl-phenylether
 Concen: 39.80 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.03 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

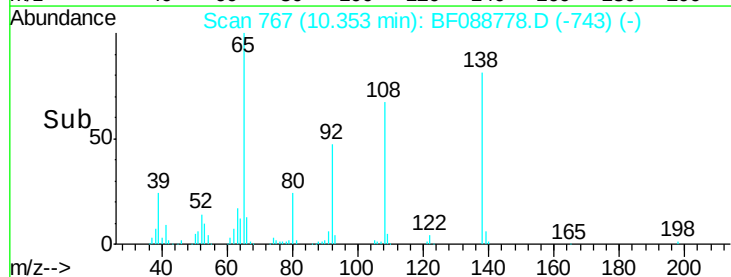
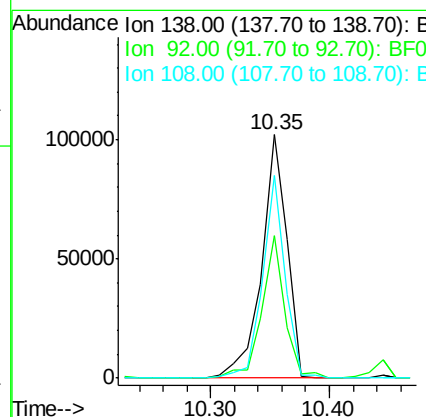
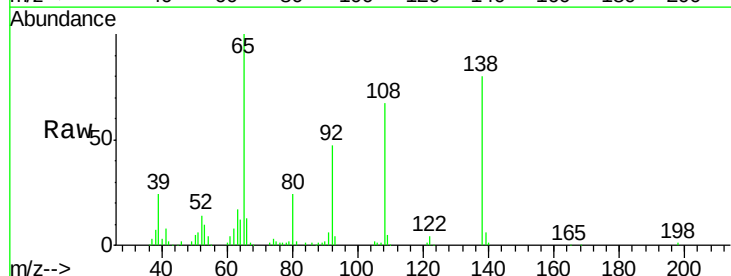
Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

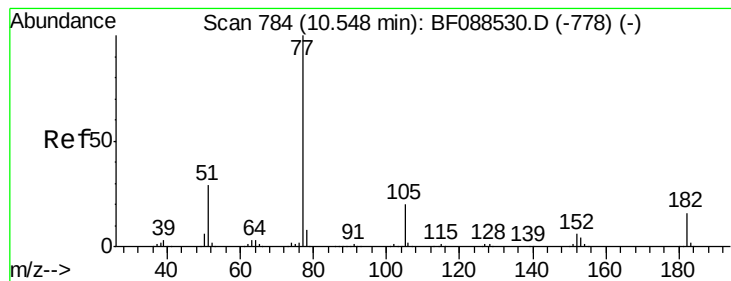
Tgt Ion:204 Resp: 240470
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.3 39.5
 141 88.0 55.0 82.6#



#61
 4-Nitroaniline
 Concen: 38.53 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Tgt Ion:138 Resp: 151335
 Ion Ratio Lower Upper
 138 100
 92 58.6 27.3 67.3
 108 83.1 46.7 86.7





#62

Azobenzene

Concen: 41.61 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

Tgt Ion: 77 Resp: 690055

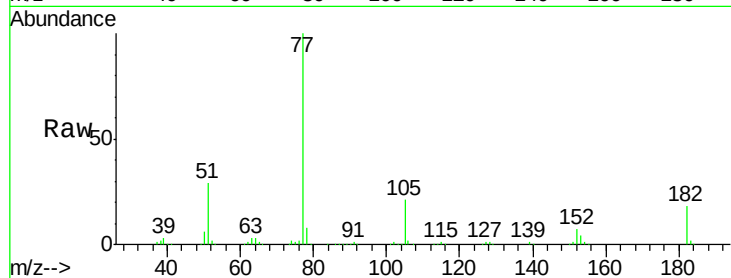
Ion Ratio Lower Upper

77 100

182 17.6 4.4 44.4

105 21.2 3.8 43.8

51 29.3 9.3 49.3

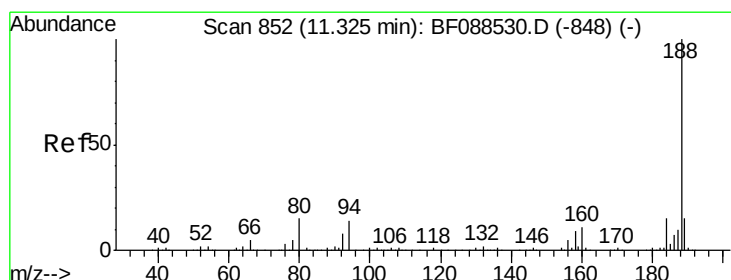
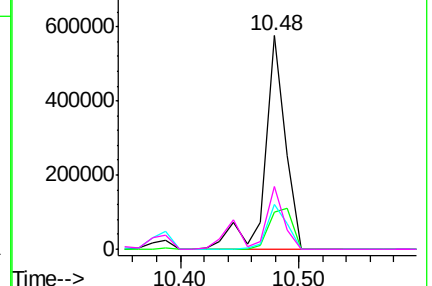
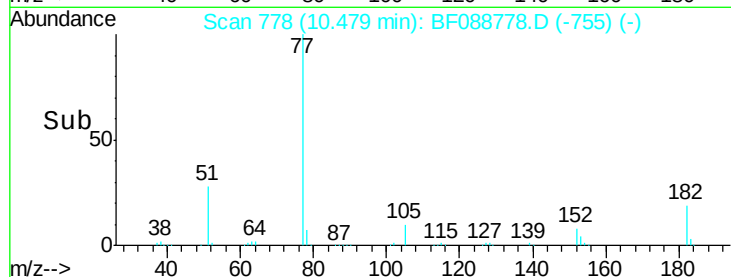


Abundance Ion 77.00 (76.70 to 77.70): BF0

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# 846

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

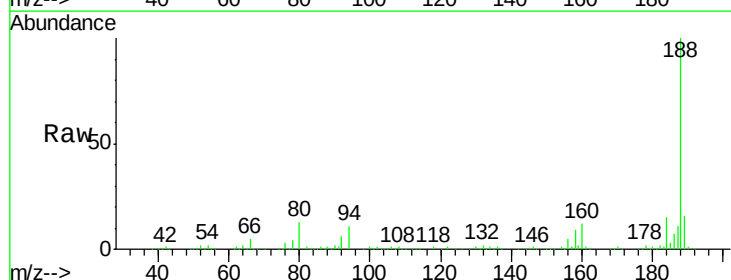
Tgt Ion: 188 Resp: 378497

Ion Ratio Lower Upper

188 100

94 11.3 9.0 13.6

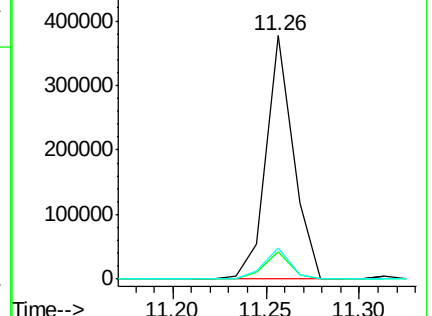
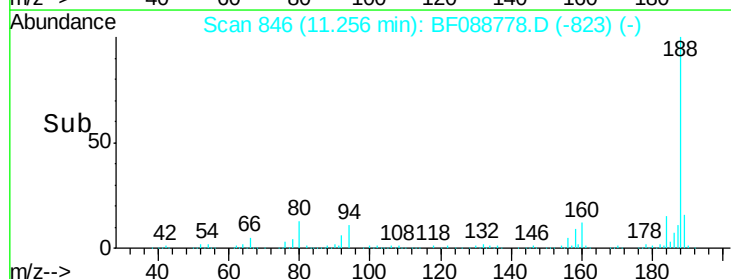
80 12.6 10.0 15.0

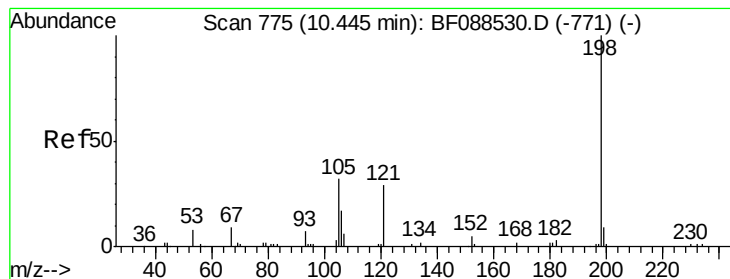


Abundance Ion 188.00 (187.70 to 188.70): E

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: 56.03 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

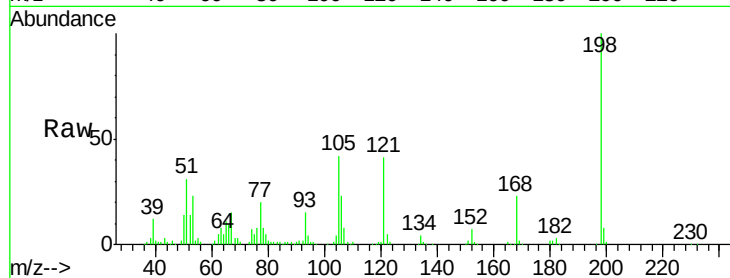
Tgt Ion:198 Resp: 113420

Ion Ratio Lower Upper

198 100

51 31.5 39.6 79.6#

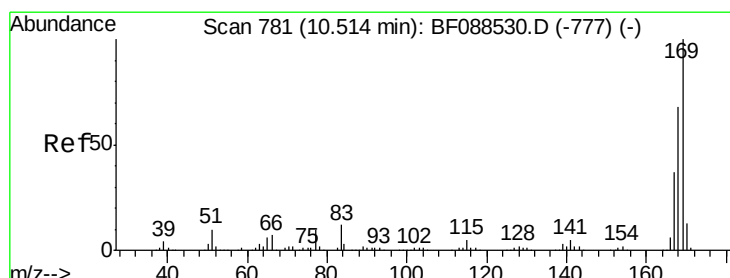
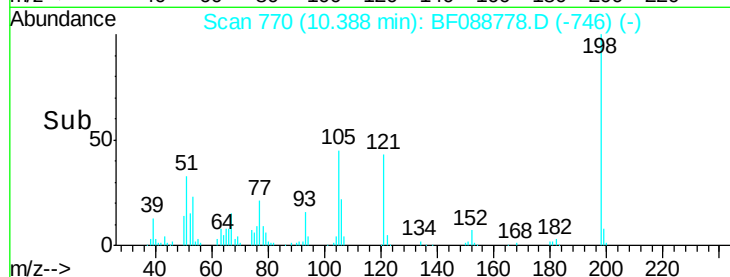
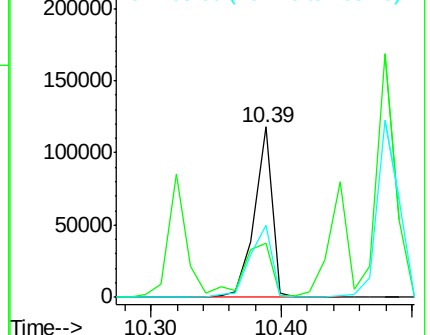
105 42.4 36.6 76.6



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: 38.61 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

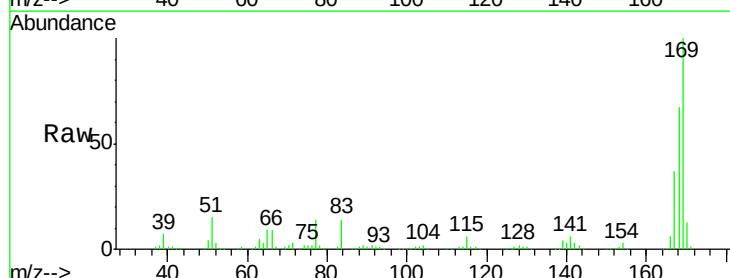
Tgt Ion:169 Resp: 494581

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

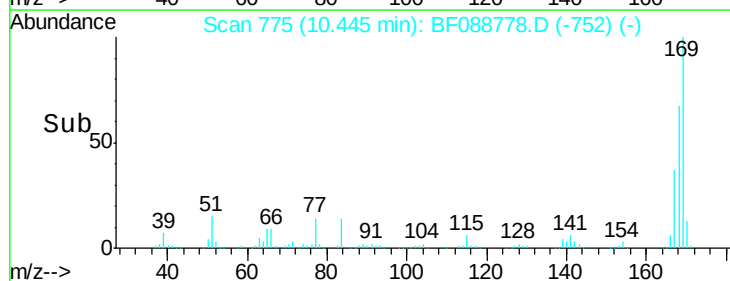
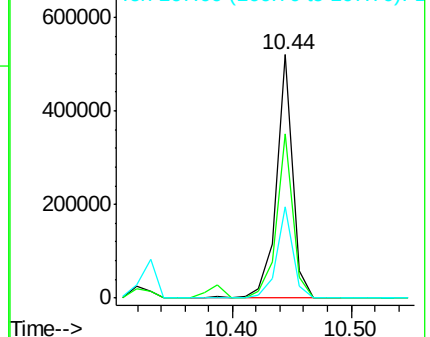
167 37.3 29.4 44.0

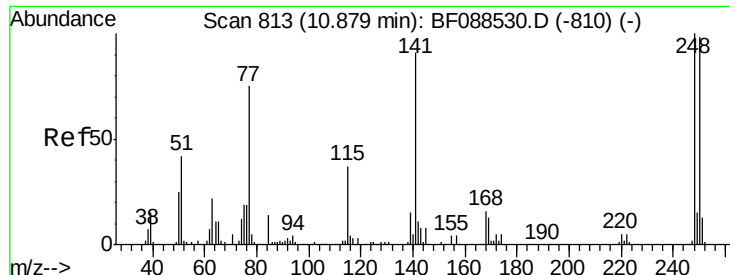


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

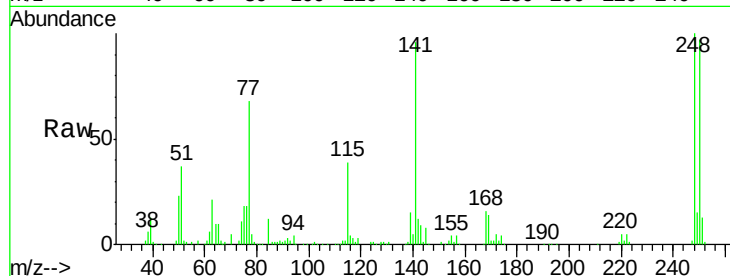




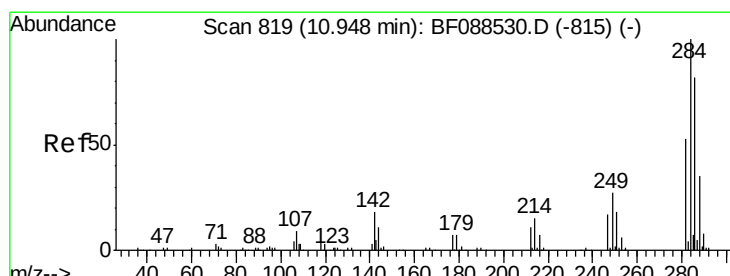
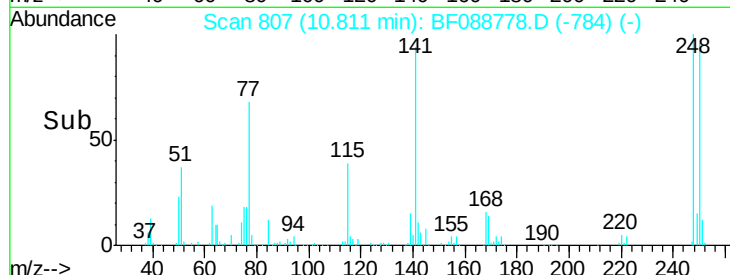
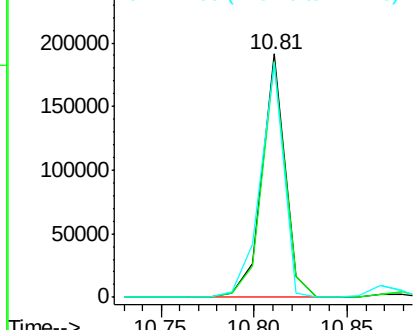
#66
4-Bromophenyl-phenylether
Concen: 42.56 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion:248 Resp: 162331
Ion Ratio Lower Upper
248 100
250 96.8 77.1 115.7
141 96.5 50.6 76.0#

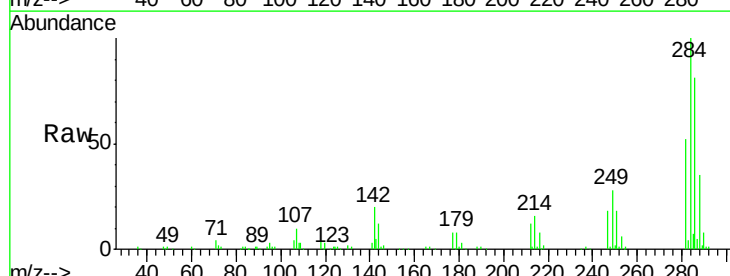


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

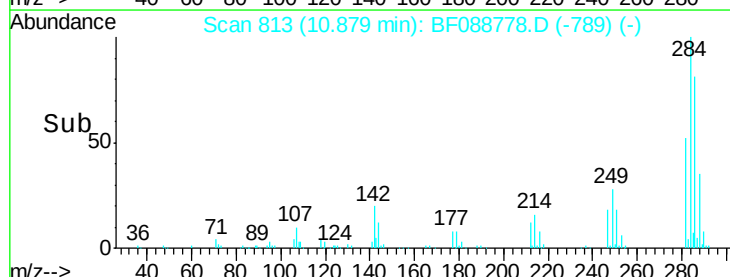
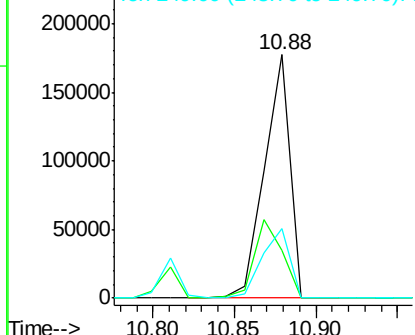


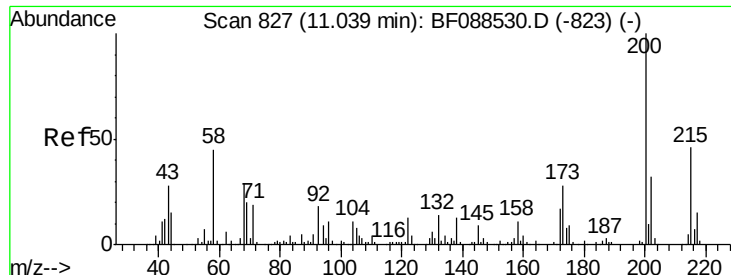
#67
Hexachlorobenzene
Concen: 45.56 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion:284 Resp: 192369
Ion Ratio Lower Upper
284 100
142 19.6 35.8 53.8#
249 28.4 25.8 38.6



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

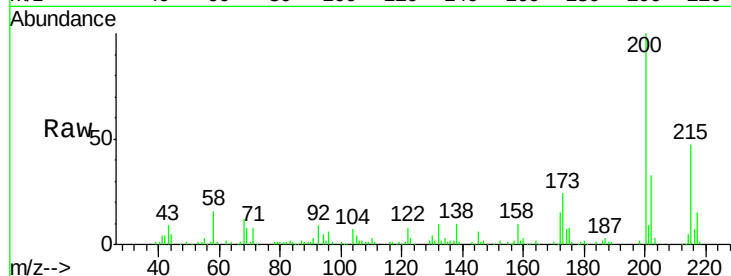




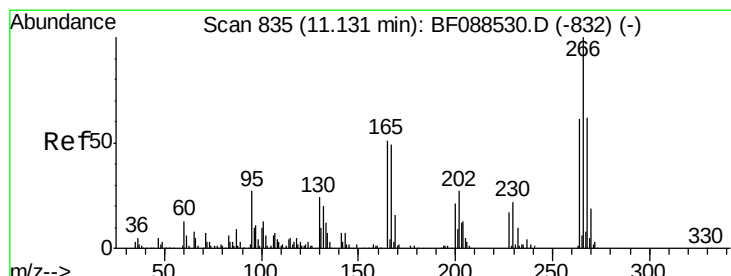
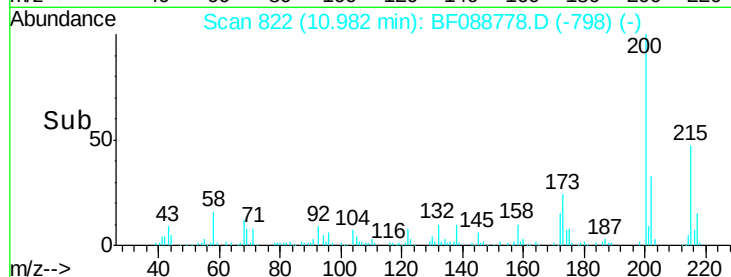
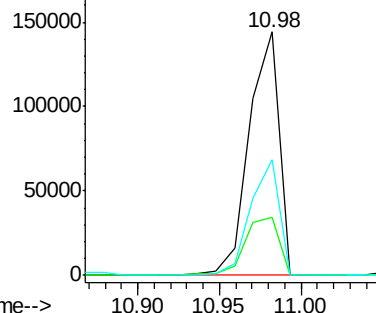
#68
Atrazine
Concen: 46.07 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.1	4.0	44.0
215	47.5	29.3	69.3

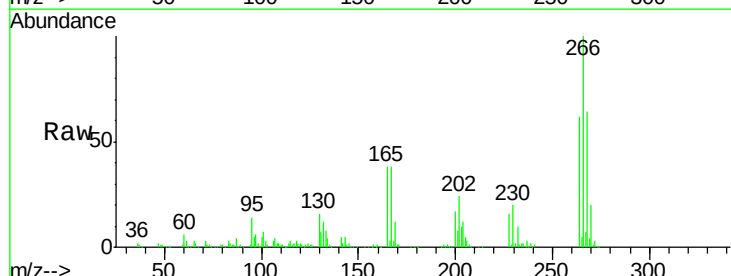


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

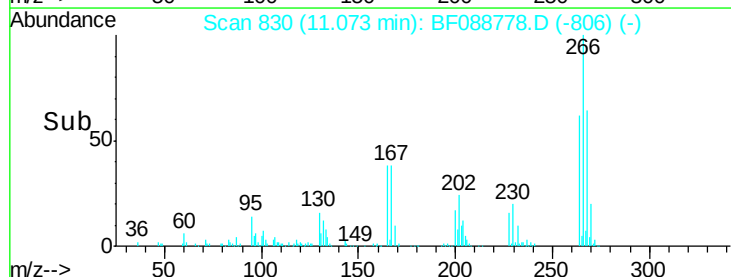
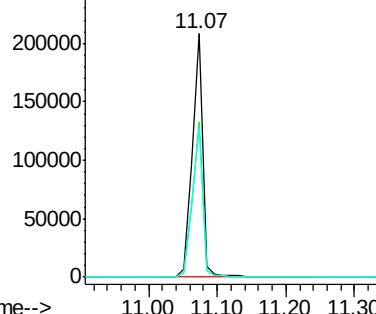


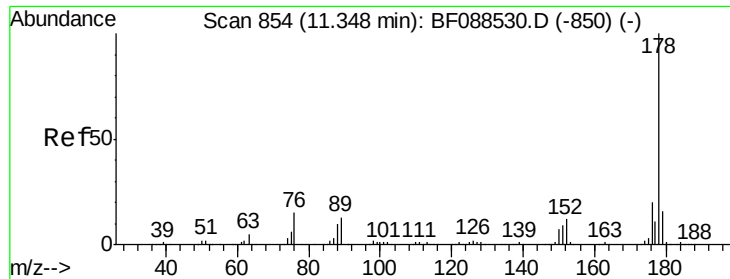
#69
Pentachlorophenol
Concen: 90.44 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	52.8	79.2
264	61.7	49.6	74.4



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

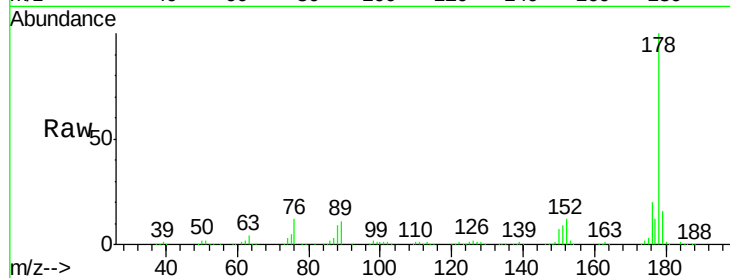




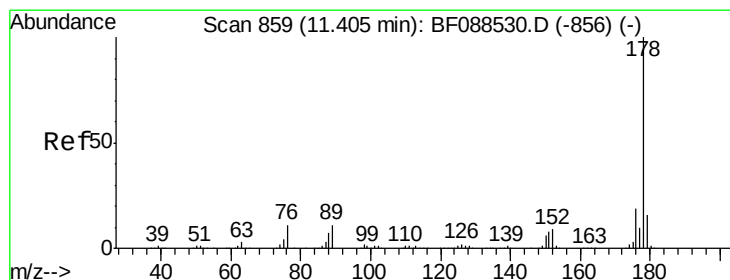
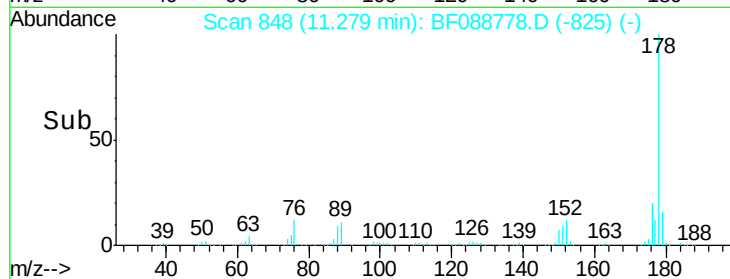
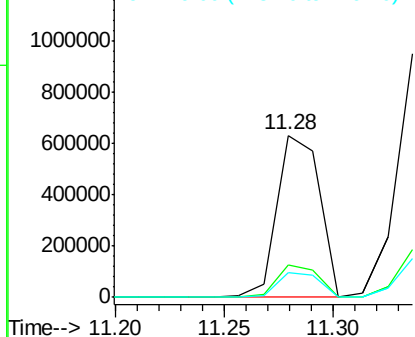
#70
Phenanthrene
Concen: 41.96 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.03 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion:178 Resp: 868105
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.7 13.0 19.4

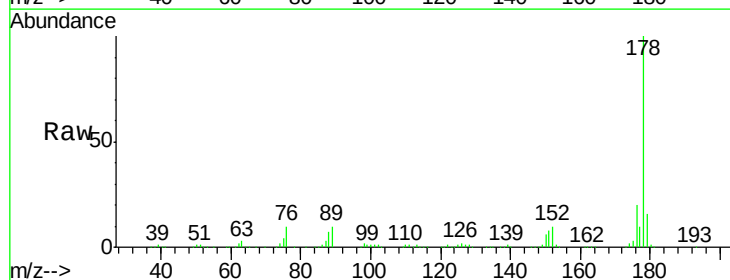


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

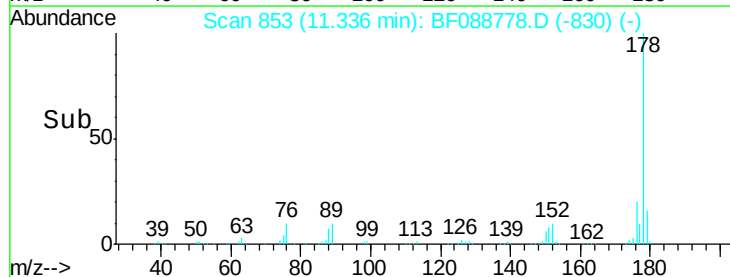
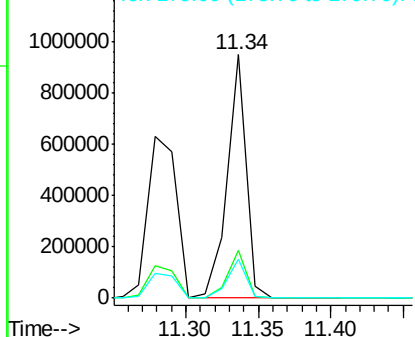


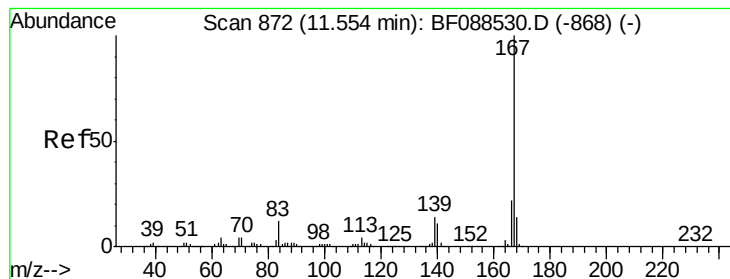
#71
Anthracene
Concen: 41.55 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.03 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion:178 Resp: 854890
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.9 12.8 19.2



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: 42.29 ng

RT: 11.48 min Scan# 866

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

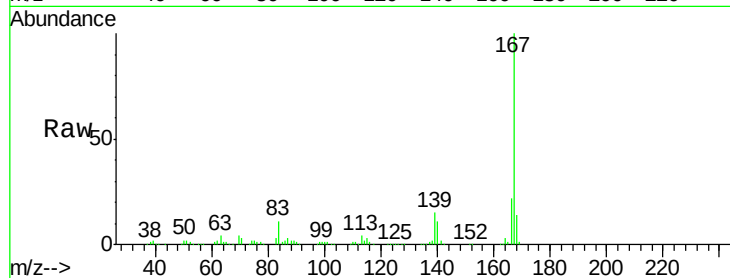
Tgt Ion:167 Resp: 818941

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

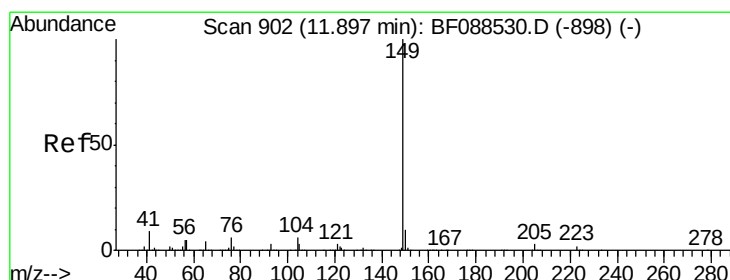
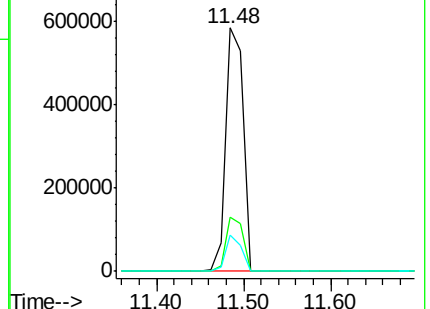
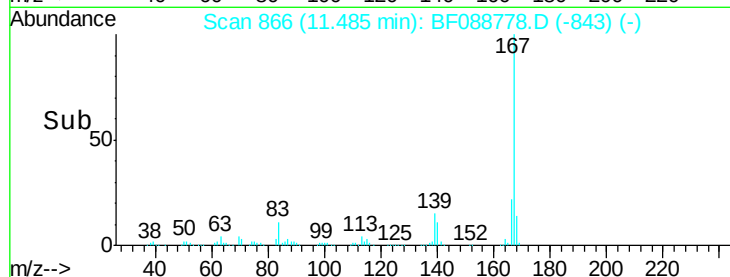
139 14.8 11.2 16.8



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: 41.86 ng

RT: 11.83 min Scan# 896

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

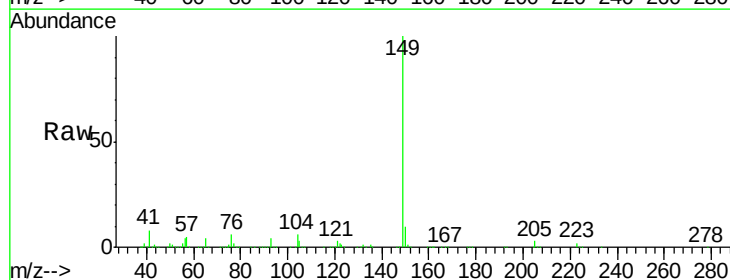
Tgt Ion:149 Resp: 942729

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

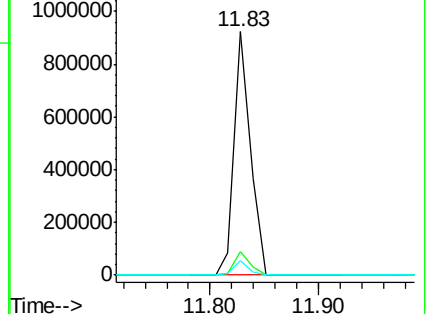
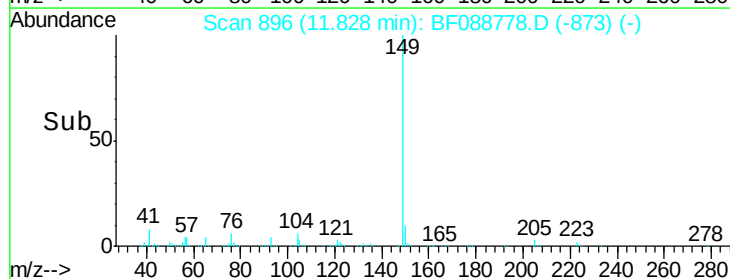
104 6.0 4.0 6.0#

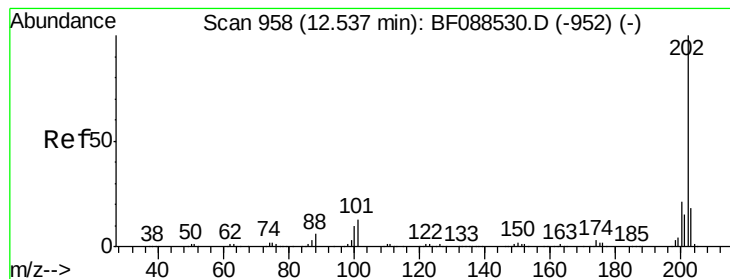


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

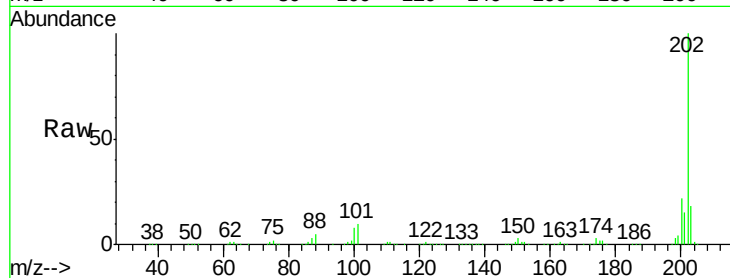




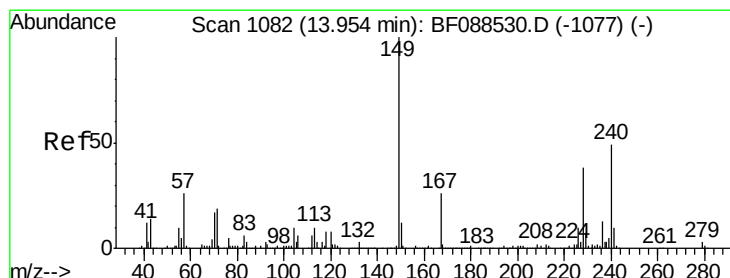
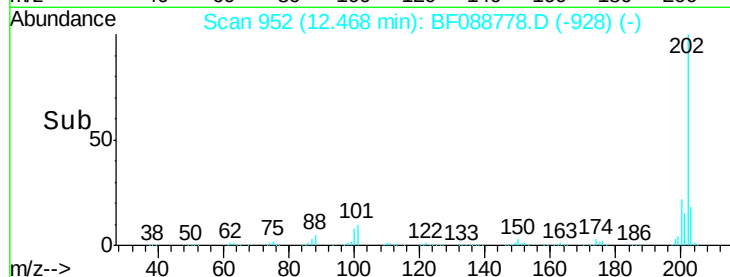
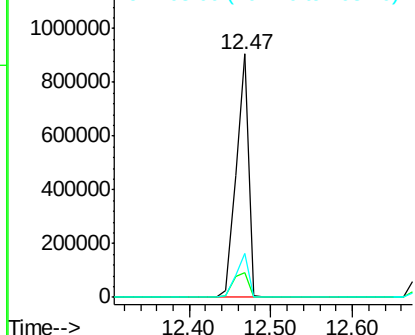
#74
 Fluoranthene
 Concen: 45.78 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB91873BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	960325		
101	10.1		0.0	33.1
203	17.9		0.0	38.1

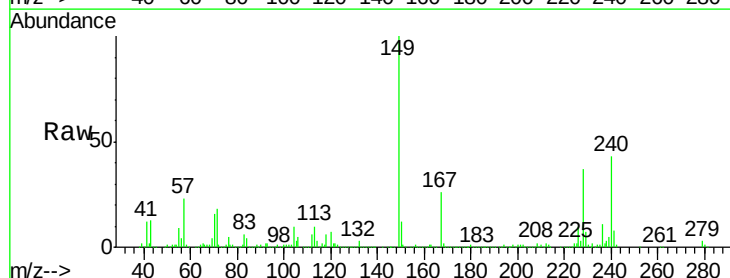


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

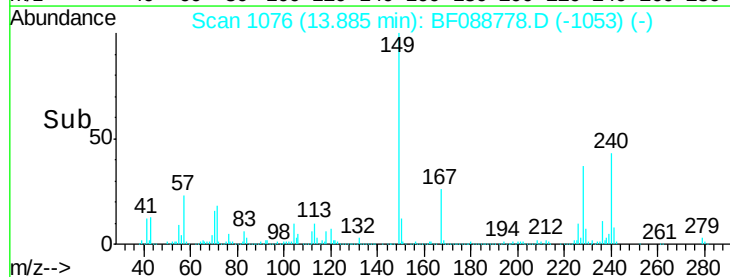
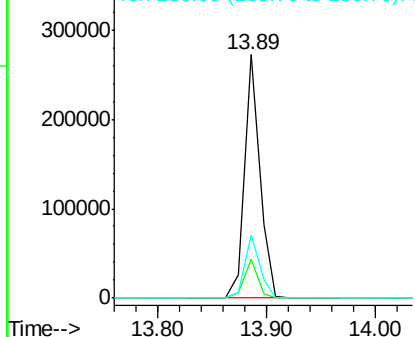


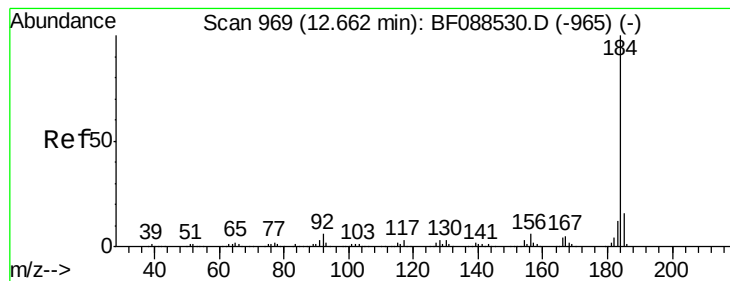
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.03 min
 Lab File: BF088778.D
 Acq: 7 Jul 2016 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	265500		
120	15.9		6.8	10.2#
236	25.8		20.2	30.2



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: 41.25 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

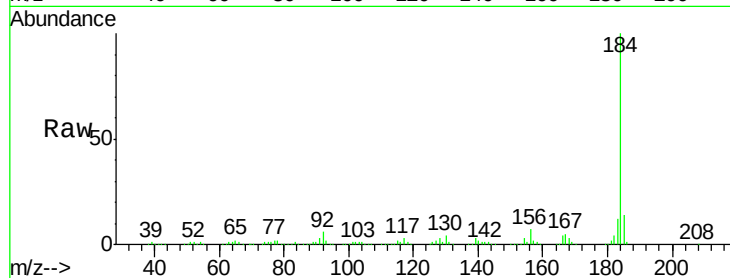
Tgt Ion:184 Resp: 553593

Ion Ratio Lower Upper

184 100

185 14.1 12.5 18.7

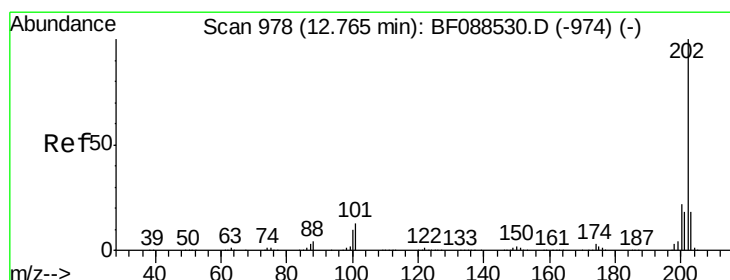
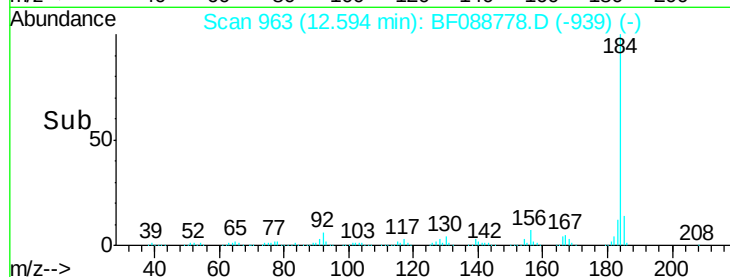
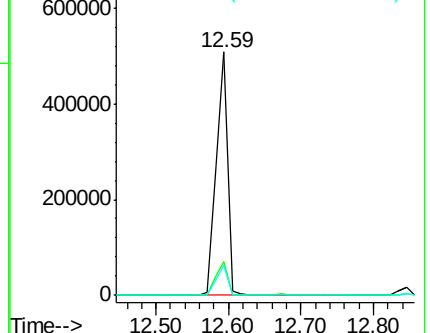
183 12.1 9.3 13.9



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: 42.51 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

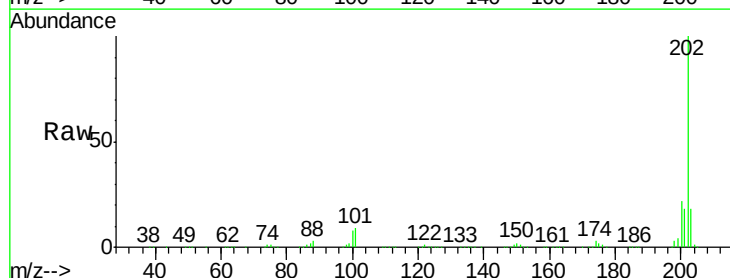
Tgt Ion:202 Resp: 956978

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

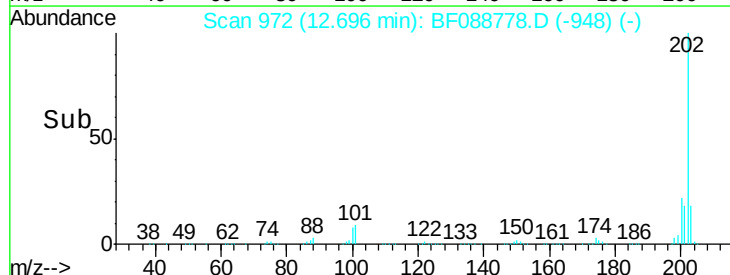
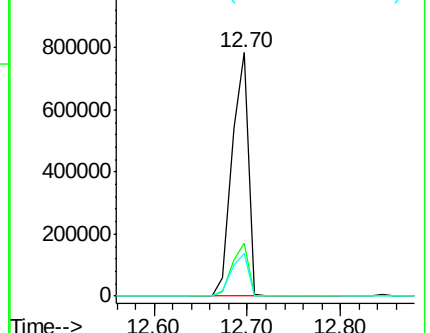
203 17.6 14.5 21.7

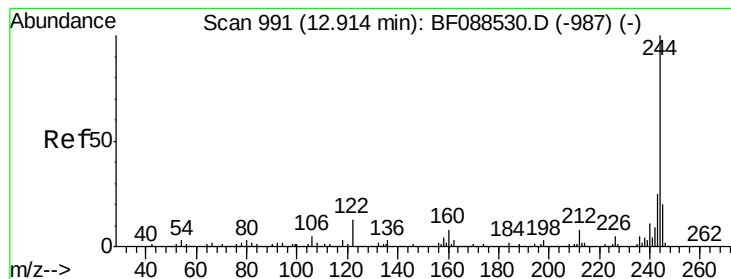


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 86.68 ng

RT: 12.85 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

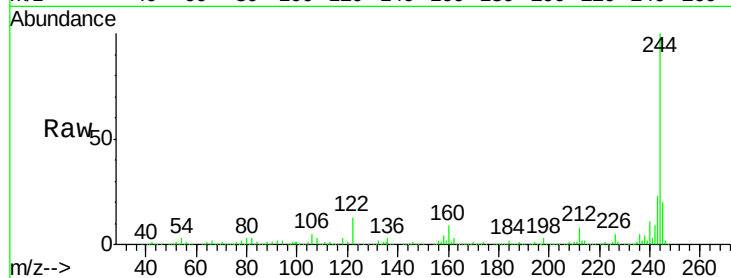
Tgt Ion:244 Resp: 1033180

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

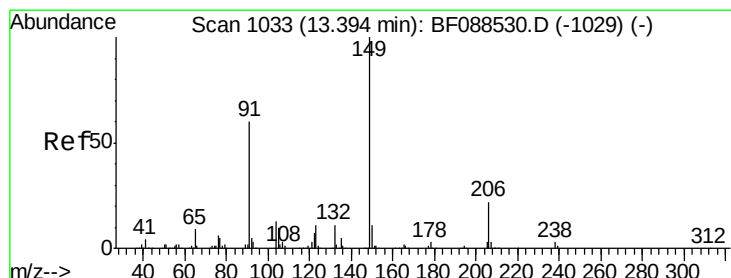
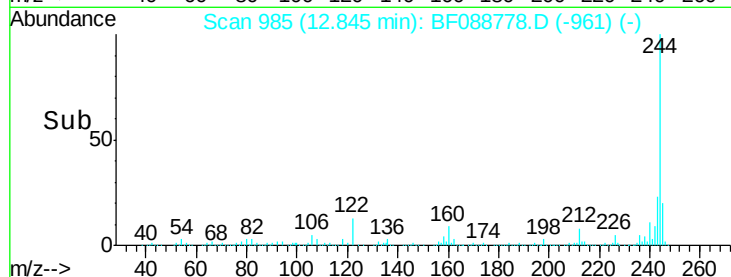
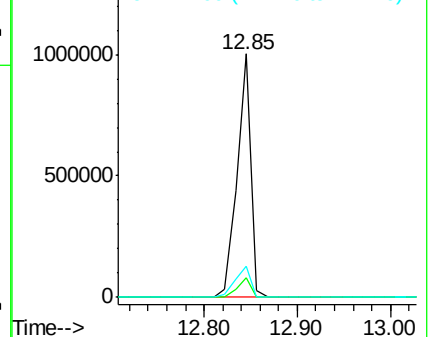
122 12.6 11.2 16.8



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: 45.72 ng

RT: 13.33 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

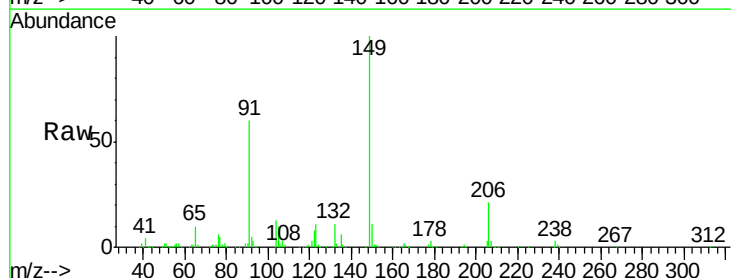
Tgt Ion:149 Resp: 459105

Ion Ratio Lower Upper

149 100

91 60.5 48.0 72.0

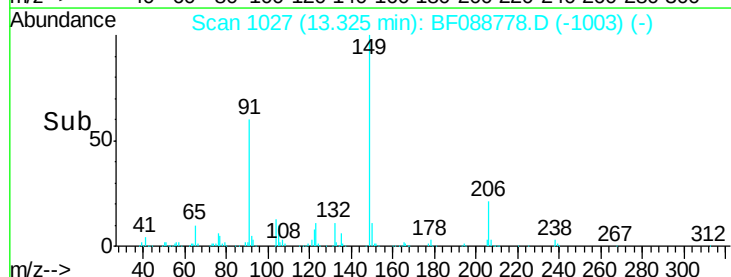
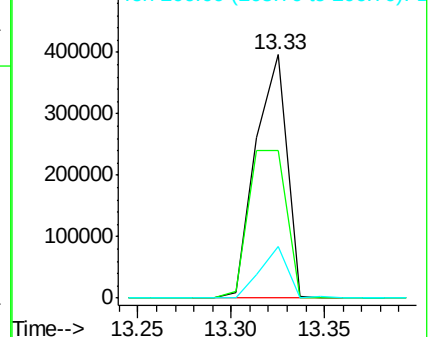
206 21.4 16.0 24.0

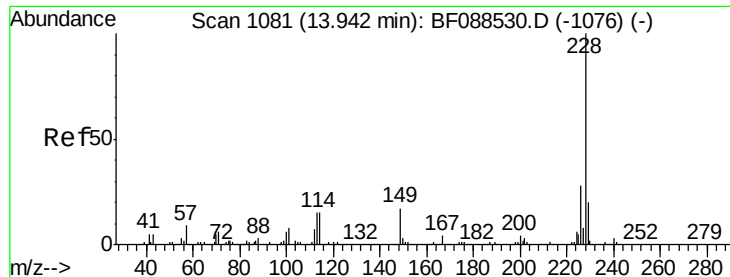


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 44.02 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

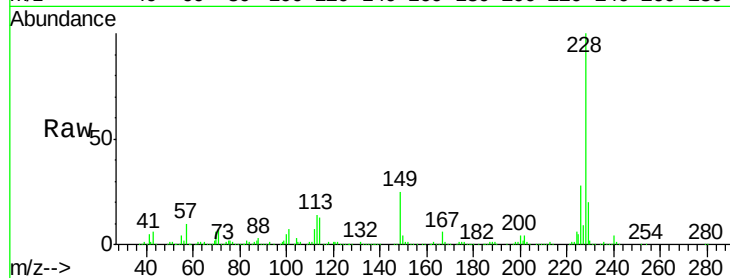
Tgt Ion:228 Resp: 752598

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

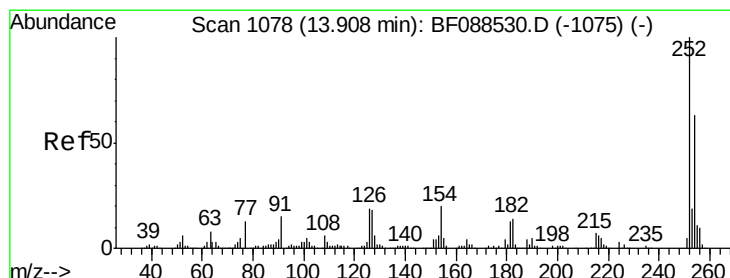
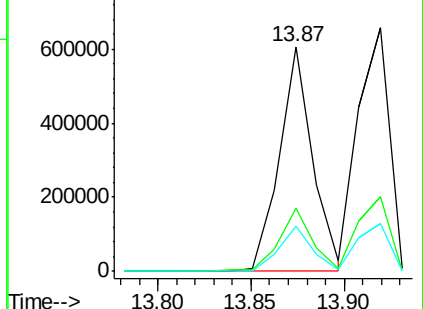
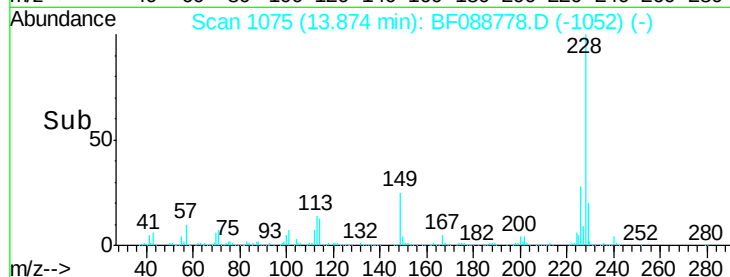
229 19.8 16.0 24.0



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: 25.36 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

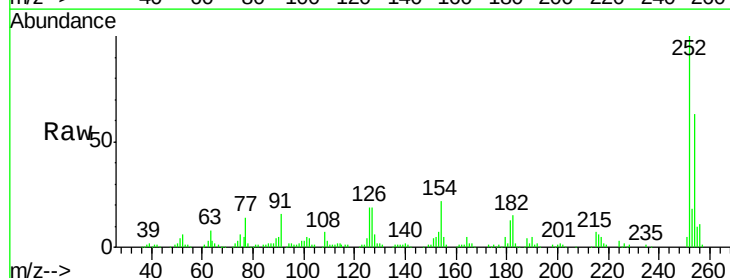
Tgt Ion:252 Resp: 163036

Ion Ratio Lower Upper

252 100

254 62.9 52.6 78.8

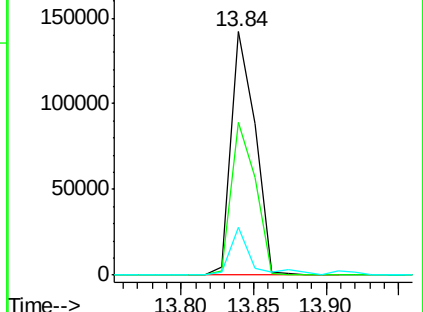
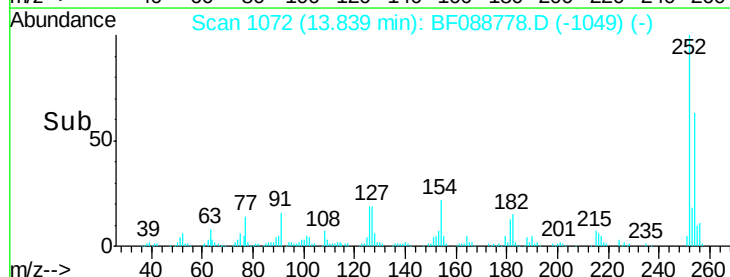
126 19.4 6.2 9.2#

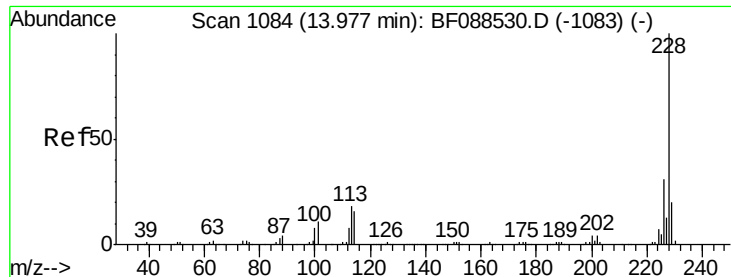


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 45.51 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

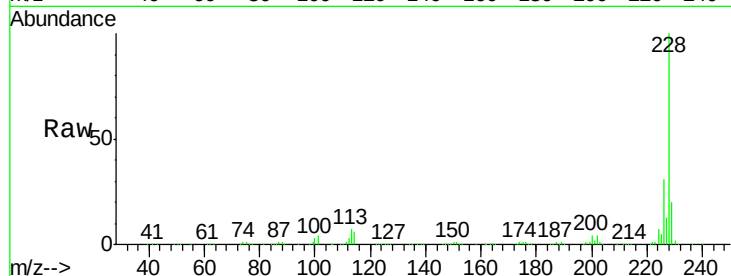
Tgt Ion: 228 Resp: 769719

Ion Ratio Lower Upper

228 100

226 30.7 25.4 38.2

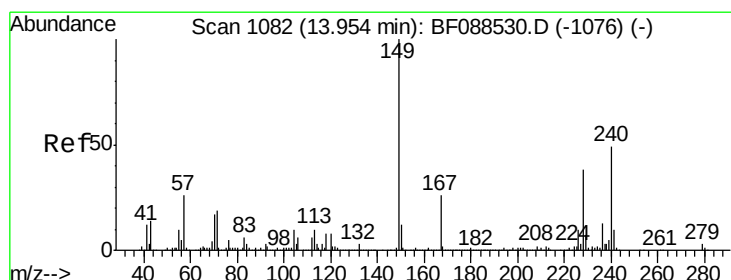
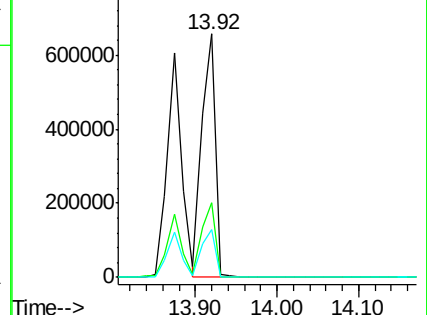
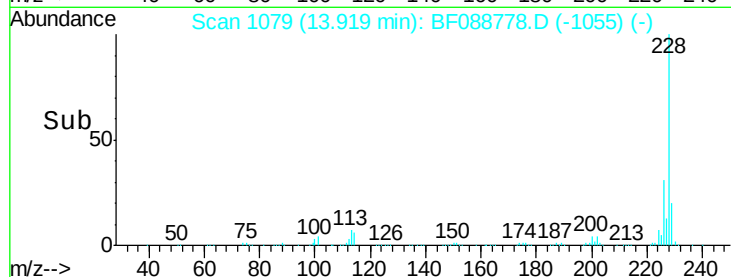
229 19.6 16.3 24.5



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: 49.86 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

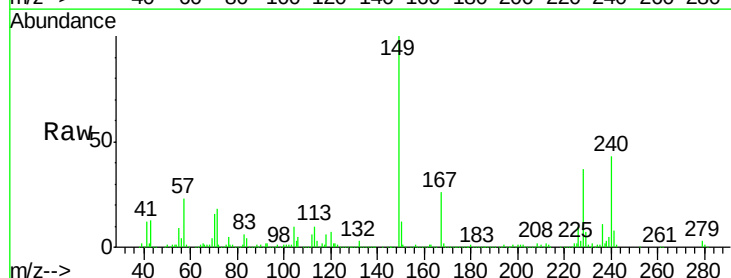
Tgt Ion: 149 Resp: 571593

Ion Ratio Lower Upper

149 100

167 25.9 20.5 30.7

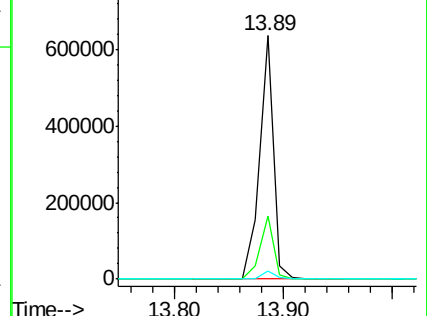
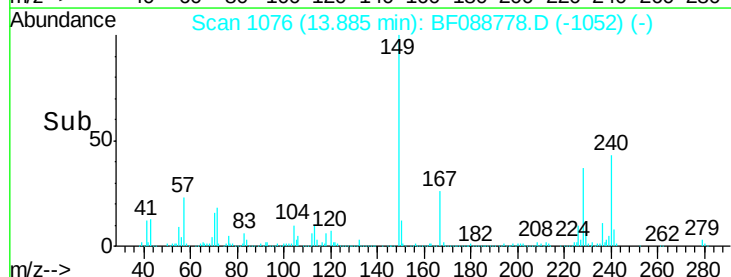
279 3.1 2.0 3.0#

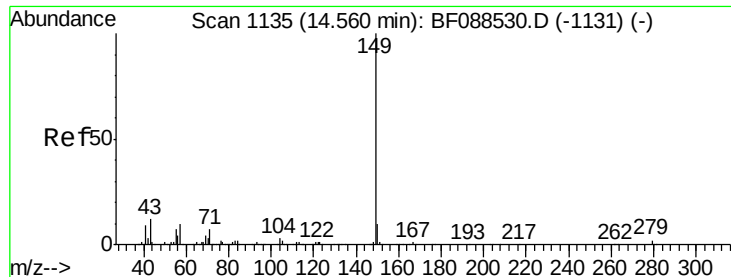


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 49.61 ng

RT: 14.49 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

Instrument :

BNA_F

ClientSampleId :

PB91873BS

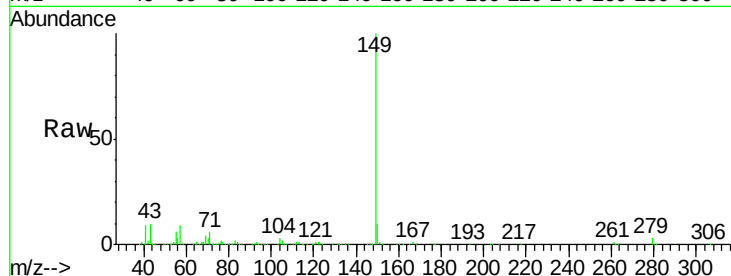
Tgt Ion:149 Resp: 966241

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

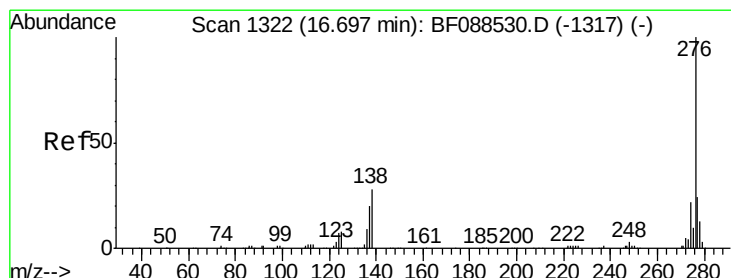
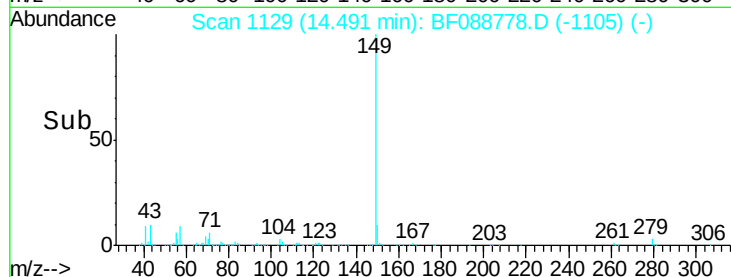
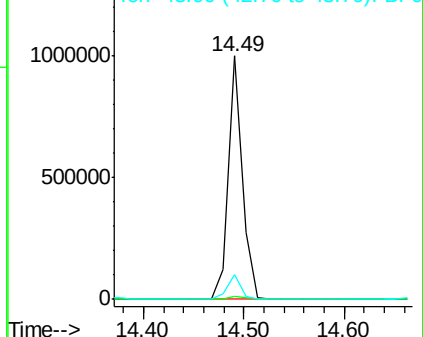
43 9.4 0.0 0.0#



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: 48.75 ng

RT: 16.58 min Scan# 1312

Delta R.T. -0.06 min

Lab File: BF088778.D

Acq: 7 Jul 2016 14:14

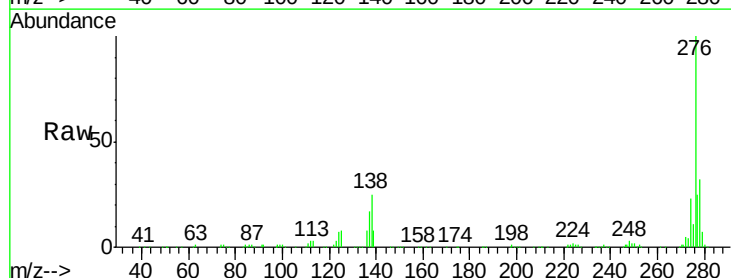
Tgt Ion:276 Resp: 634417

Ion Ratio Lower Upper

276 100

138 28.1 0.0 0.0#

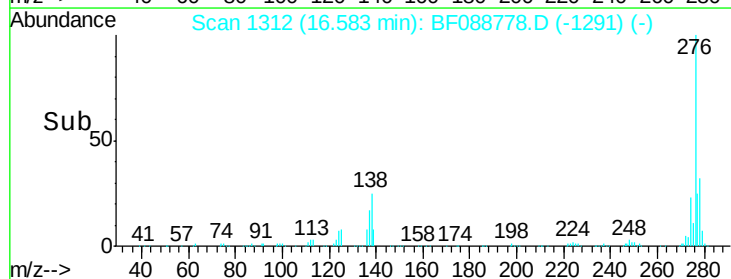
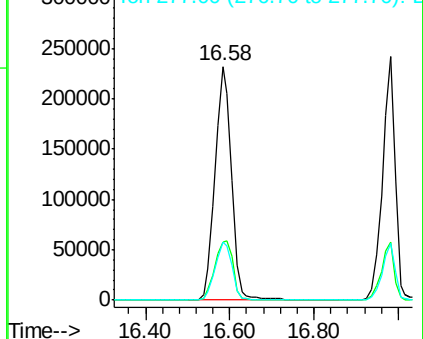
277 25.5 0.0 0.0#

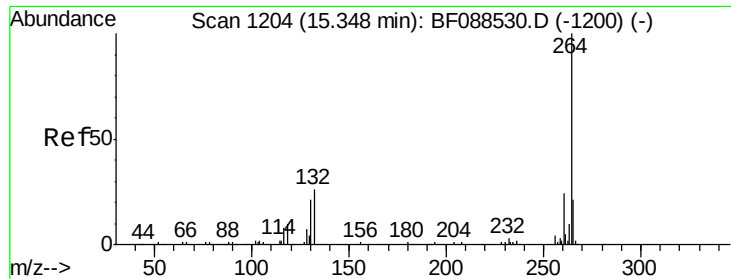


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

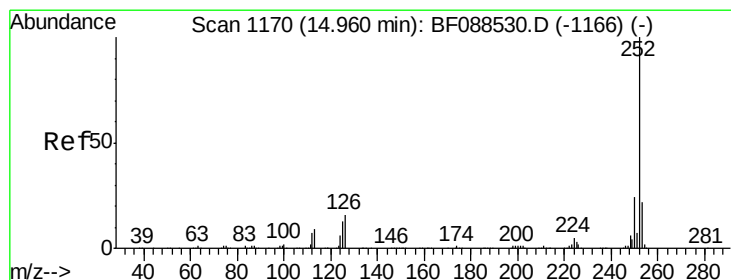
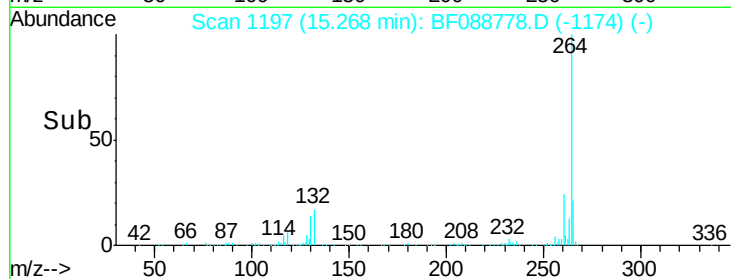
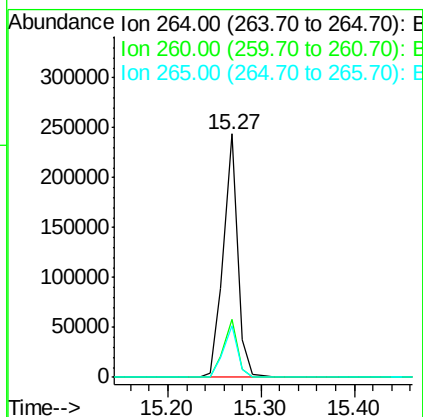
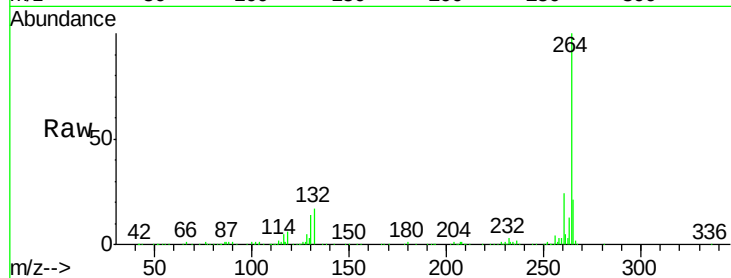




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.03 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

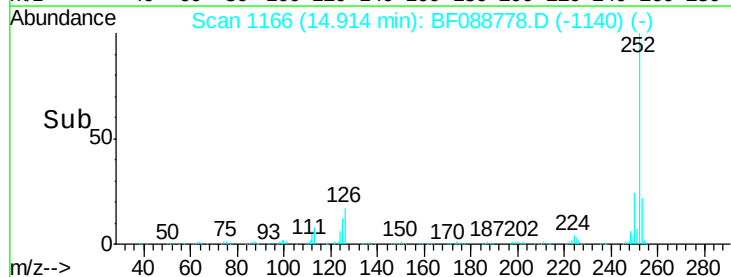
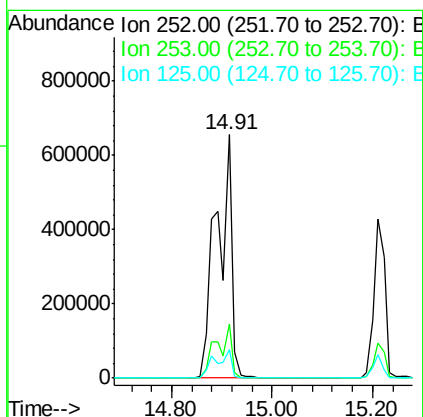
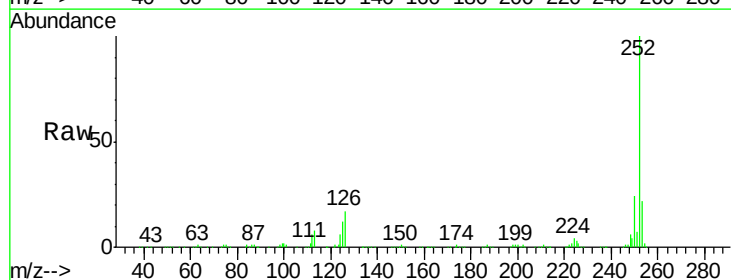
Instrument :
BNA_F
ClientSampleId :
PB91873BS

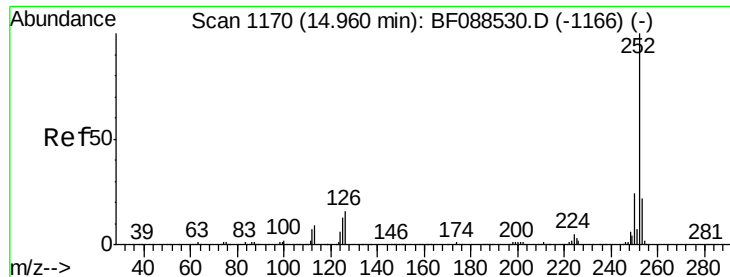
Tgt Ion:264 Resp: 262179
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.3 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 84.39 ng
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion:252 Resp: 1387856
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 11.9 7.1 10.7#

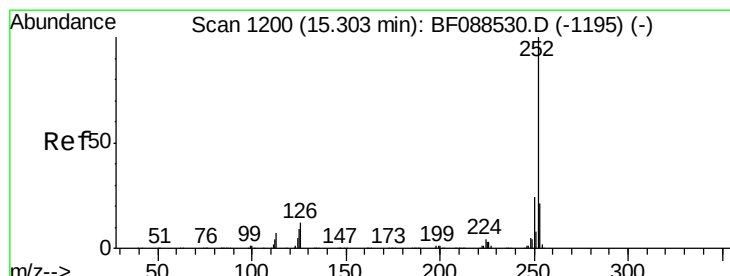
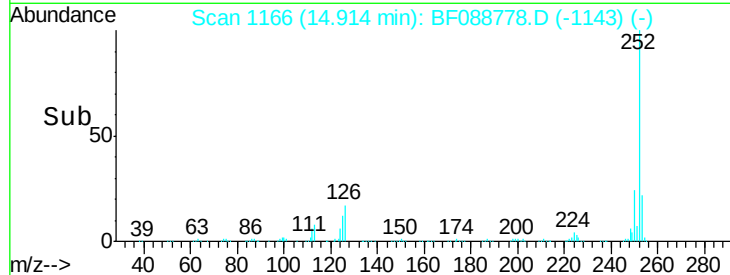
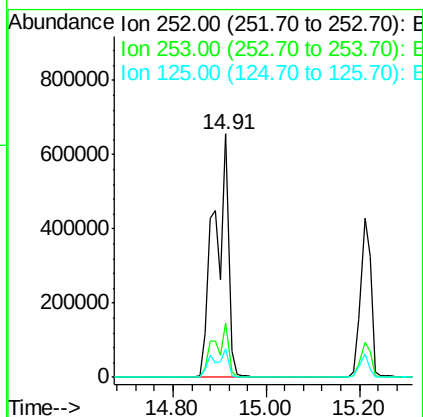
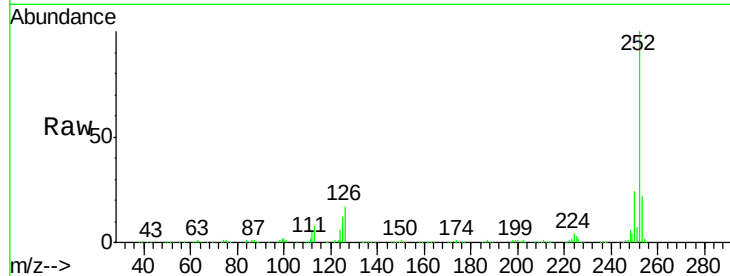




#88
Benzo(k)fluoranthene
Concen: 96.95 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

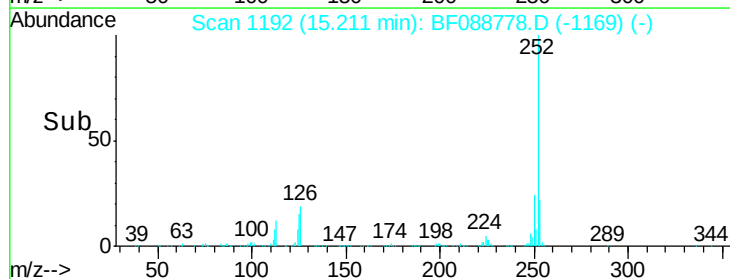
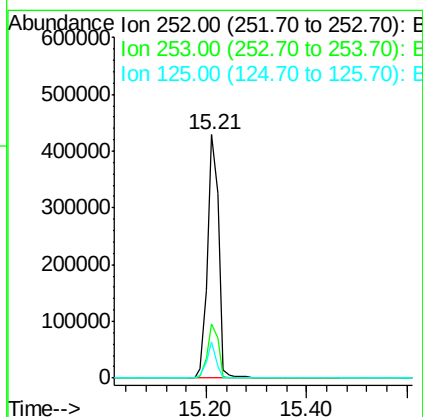
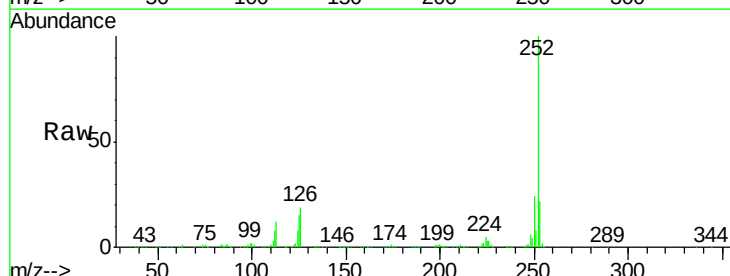
Instrument :
BNA_F
ClientSampleId :
PB91873BS

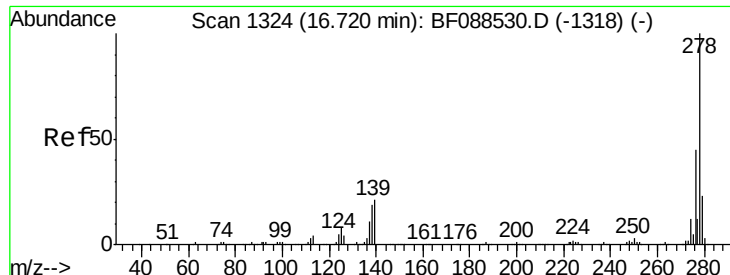
Tgt Ion:252 Resp: 1388101
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 11.9 11.2 16.8



#89
Benzo(a)pyrene
Concen: 47.53 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.03 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion:252 Resp: 661811
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 14.9 12.5 18.7



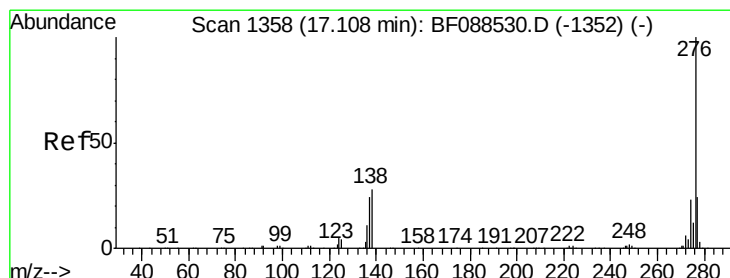
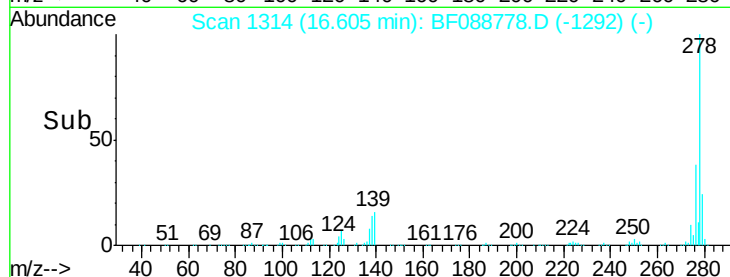
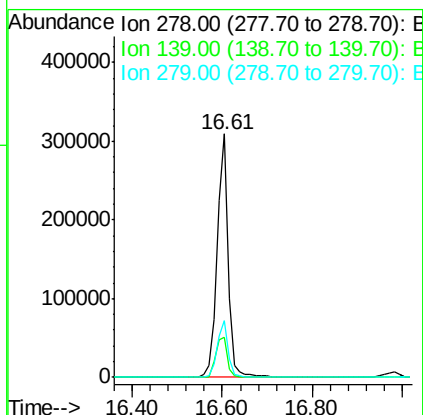
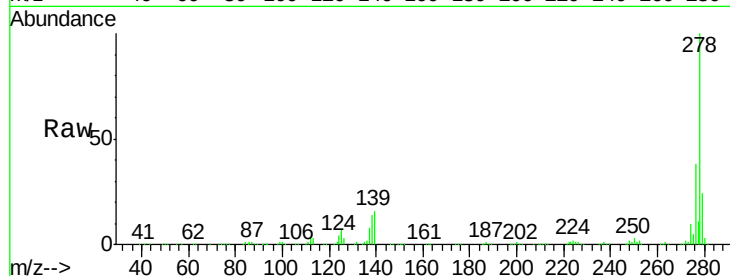


#90
Dibenzo(a,h)anthracene
Concen: 45.57 ng
RT: 16.61 min Scan# 1314
Delta R.T. -0.05 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB91873BS

Tgt Ion:278 Resp: 529940

Ion	Ratio	Lower	Upper
278	100		
139	16.2	15.7	23.5
279	23.5	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 42.37 ng
RT: 16.98 min Scan# 1347
Delta R.T. -0.06 min
Lab File: BF088778.D
Acq: 7 Jul 2016 14:14

Tgt Ion:276 Resp: 509849

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	23.6	21.4	32.2

