

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
 Data File : BF082769.D
 Acq On : 6 Nov 2015 19:00
 Operator : UM/IZ
 Sample : PB86421BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BSD

Quant Time: Nov 07 03:04:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	252952	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	575037	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	325241	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	915511	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	703588	20.00	ng	-0.01
86) Perylene-d12	15.44	264	707304	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1581970	97.31	ng	0.01
7) Phenol-d6	6.49	99	1924110	89.03	ng	0.01
23) Nitrobenzene-d5	7.41	82	1524200	115.33	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	591806	158.69	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1863132	82.10	ng	0.00
78) Terphenyl-d14	12.96	244	2473570	83.38	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	232498	33.14	ng	97
3) Pyridine	3.23	79	735238	36.12	ng	94
4) n-Nitrosodimethylamine	3.17	42	328193	32.51	ng	# 72
6) Aniline	6.51	93	486413	16.03	ng	97
8) 2-Chlorophenol	6.64	128	559065	31.02	ng	89
9) Benzaldehyde	6.38	77	62878	5.27	ng	90
10) Phenol	6.50	94	751540	30.65	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	634894	34.62	ng	# 83
12) 1,3-Dichlorobenzene	6.80	146	696333	34.26	ng	# 81
13) 1,4-Dichlorobenzene	6.86	146	696334	32.93	ng	97
14) 1,2-Dichlorobenzene	7.02	146	697231	36.25	ng	98
15) Benzyl Alcohol	6.99	79	623585	32.85	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1107579	41.17	ng	96
17) 2-Methylphenol	7.10	107	582626	38.17	ng	97
18) Hexachloroethane	7.37	117	262366	34.69	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	537844	33.85	ng	90
20) 3+4-Methylphenols	7.26	107	717841	36.17	ng	95
22) Acetophenone	7.26	105	949721	57.64	ng	# 92
24) Nitrobenzene	7.44	77	815402	60.33	ng	97
25) Isophorone	7.68	82	1252080	51.20	ng	97
26) 2-Nitrophenol	7.76	139	256376	45.45	ng	# 57
27) 2,4-Dimethylphenol	7.79	122	424892	41.92	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	574486	41.65	ng	99
29) 2,4-Dichlorophenol	8.00	162	404704	44.18	ng	95
30) 1,2,4-Trichlorobenzene	8.08	180	379155	36.80	ng	98
31) Naphthalene	8.16	128	1147370	36.16	ng	99
32) Benzoic acid	7.92	122	265224	38.22	ng	92
33) 4-Chloroaniline	8.20	127	173173	12.67	ng	93
34) Hexachlorobutadiene	8.28	225	242927	37.68	ng	99
35) Caprolactam	8.57	113	99154	34.33	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	426538	39.59	ng	91
37) 2-Methylnaphthalene	8.85	142	869926	42.39	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	413606	38.70	ng	98
40) Hexachlorocyclopentadiene	9.01	237	522635	91.02	ng	100

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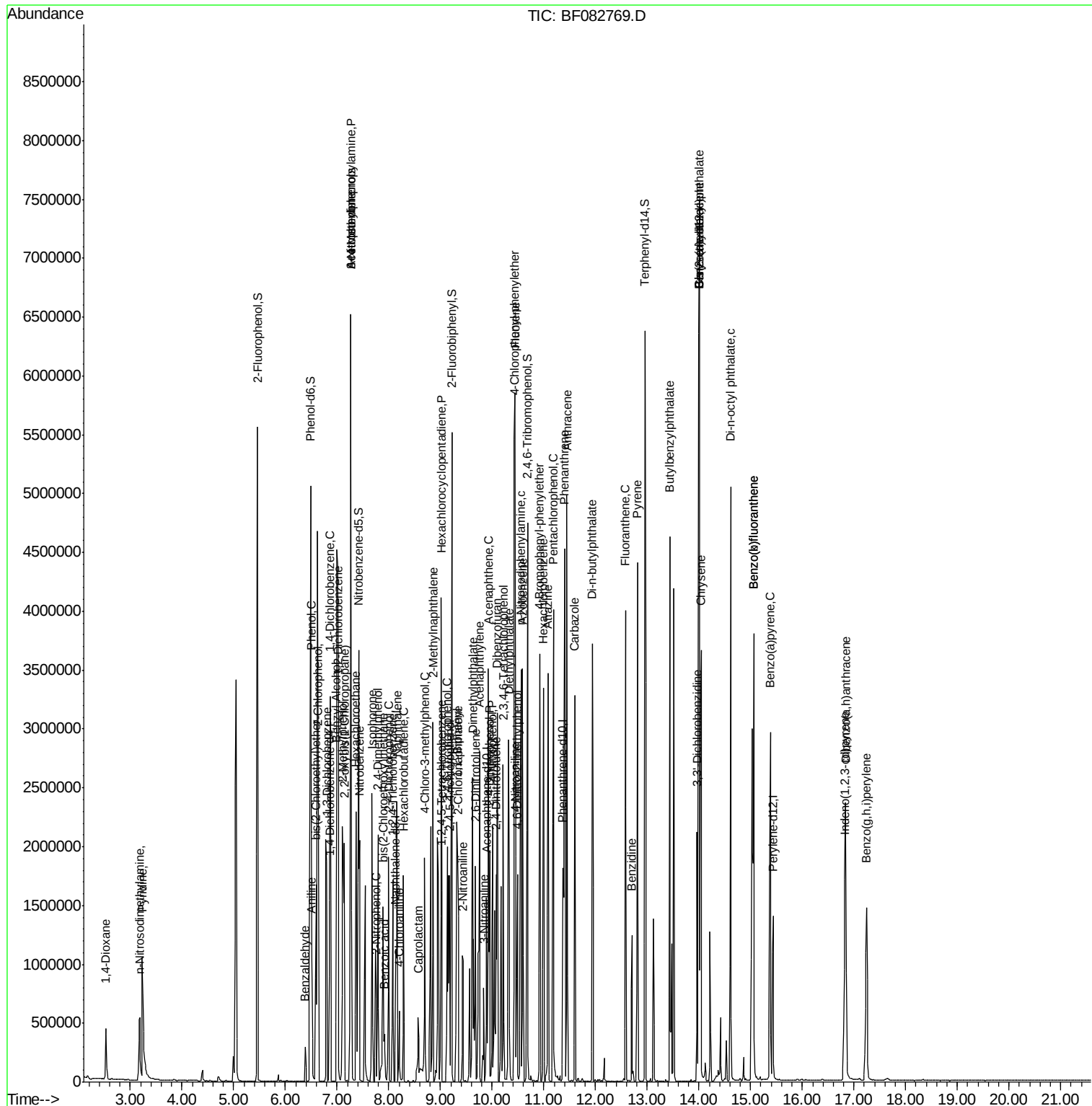
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42) 2,4,6-Trichlorophenol	9.13	196	286755	35.94	ng	98
43) 2,4,5-Trichlorophenol	9.17	196	294368	37.31	ng #	87
45) 1,1'-Biphenyl	9.32	154	1006660	36.07	ng	97
46) 2-Chloronaphthalene	9.33	162	806246	37.04	ng	93
47) 2-Nitroaniline	9.42	65	300129	37.16	ng	92
48) Acenaphthylene	9.76	152	1336194	39.16	ng	99
49) Dimethylphthalate	9.62	163	983050	36.89	ng	99
50) 2,6-Dinitrotoluene	9.68	165	228512	40.19	ng	92
51) Acenaphthene	9.93	154	1006451	46.54	ng	99
52) 3-Nitroaniline	9.84	138	100211	16.03	ng	91
53) 2,4-Dinitrophenol	9.95	184	279986	89.69	ng #	20
54) Dibenzofuran	10.10	168	1213539	41.63	ng	93
55) 4-Nitrophenol	10.01	139	337784	70.41	ng #	86
56) 2,4-Dinitrotoluene	10.08	165	262238	33.99	ng #	92
57) Fluorene	10.44	166	1356783	57.47	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	327490	50.85	ng #	90
59) Diethylphthalate	10.32	149	1415554	54.41	ng	98
60) 4-Chlorophenyl-phenylether	10.43	204	596969	50.53	ng #	84
61) 4-Nitroaniline	10.45	138	305436	48.57	ng #	78
62) Azobenzene	10.59	77	1664009	59.54	ng	92
64) 4,6-Dinitro-2-methylphenol	10.49	198	284086	43.56	ng	98
65) n-Nitrosodiphenylamine	10.56	169	1260247	38.10	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	401759	36.44	ng #	81
67) Hexachlorobenzene	10.99	284	444230	36.09	ng #	76
68) Atrazine	11.08	200	418186	40.89	ng	96
69) Pentachlorophenol	11.18	266	584397	78.18	ng	99
70) Phenanthrene	11.40	178	2096572	39.43	ng	99
71) Anthracene	11.45	178	1875608	33.49	ng	99
72) Carbazole	11.60	167	1879264	38.33	ng	98
73) Di-n-butylphthalate	11.94	149	2137732	35.00	ng	99
74) Fluoranthene	12.58	202	2058682	36.08	ng	95
76) Benzidine	12.71	184	620405	26.31	ng	98
77) Pyrene	12.81	202	2078279	43.01	ng	99
79) Butylbenzylphthalate	13.44	149	943254	44.19	ng	99
80) Benzo(a)anthracene	14.00	228	1840327	41.83	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	426330	27.26	ng #	98
82) Chrysene	14.04	228	1876901	46.58	ng	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	1302480	44.58	ng #	97
84) Di-n-octyl phthalate	14.61	149	2162340	44.37	ng	98
85) Indeno(1,2,3-cd)pyrene	16.82	276	1537281	44.29	ng #	95
87) Benzo(b)fluoranthene	15.06	252	3320287	73.13	ng #	96
88) Benzo(k)fluoranthene	15.06	252	3321945	82.48	ng #	95
89) Benzo(a)pyrene	15.38	252	1563820	39.76	ng	98
90) Dibenzo(a,h)anthracene	16.84	278	1289720	38.72	ng #	98
91) Benzo(g,h,i)perylene	17.24	276	1258150	39.44	ng #	95

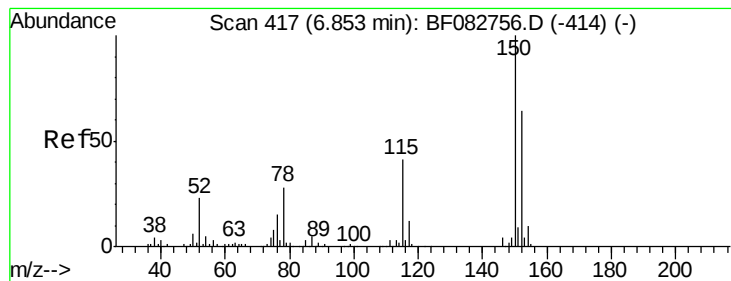
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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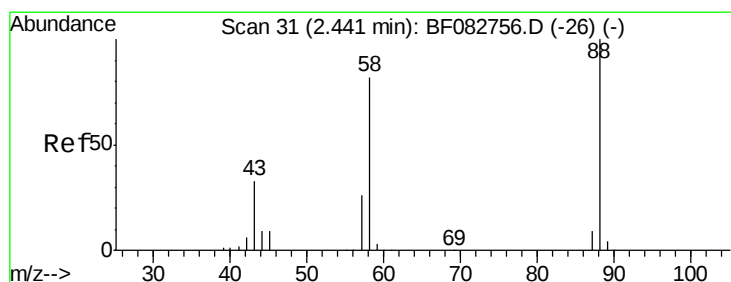
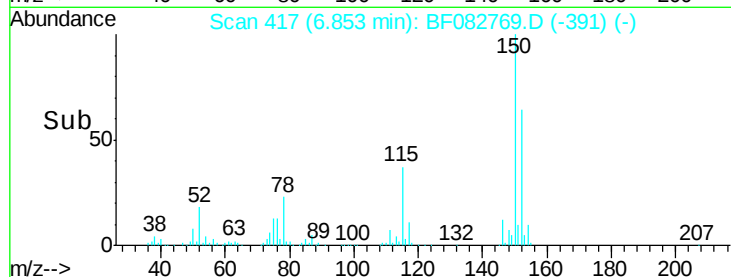
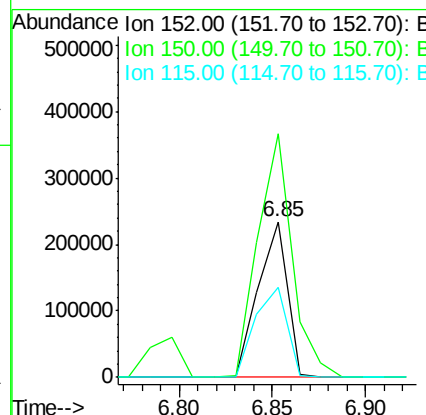
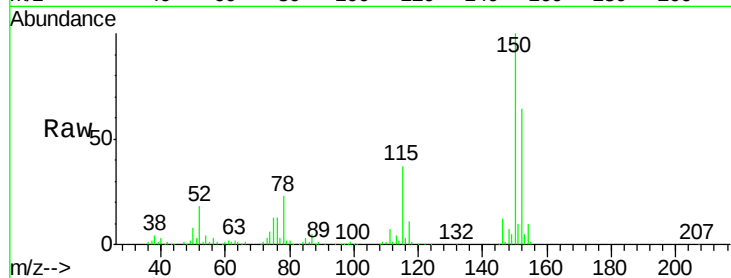




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

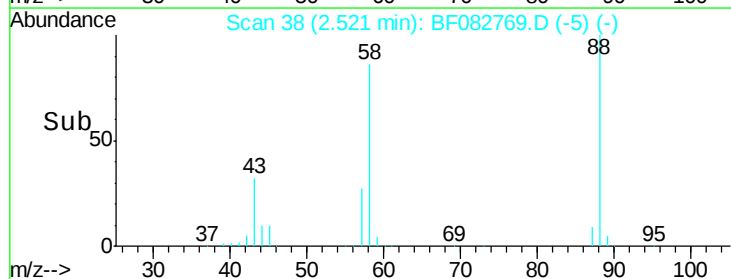
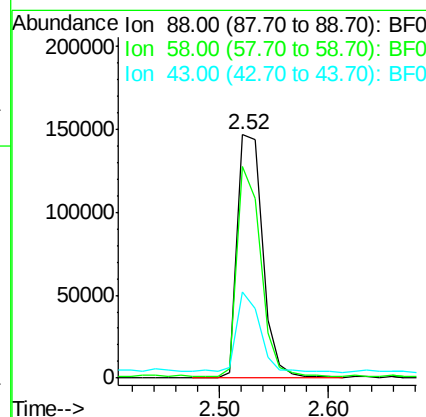
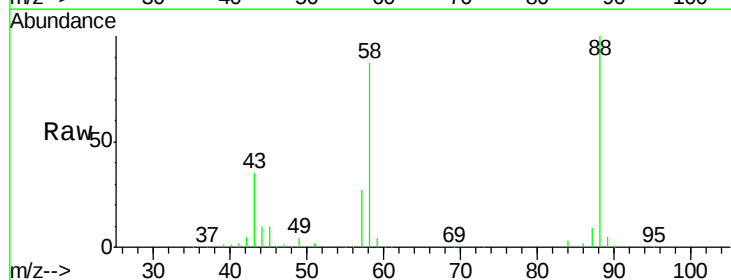
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 PB86421BSD

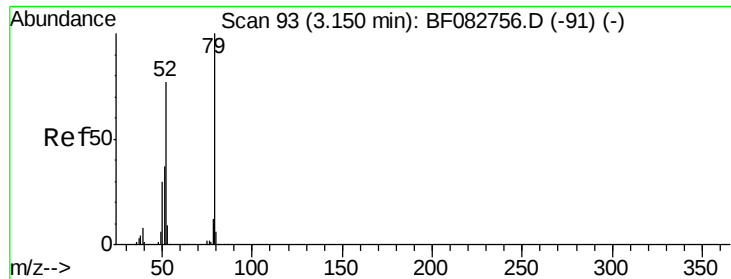
Tgt Ion:152 Resp: 252952
 Ion Ratio Lower Upper
 152 100
 150 156.2 127.0 190.4
 115 57.7 47.0 70.6



#2
 1,4-Dioxane
 Concen: 33.14 ng
 RT: 2.52 min Scan# 38
 Delta R.T. 0.08 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Tgt Ion: 88 Resp: 232498
 Ion Ratio Lower Upper
 88 100
 58 80.8 62.0 93.0
 43 33.0 26.6 40.0

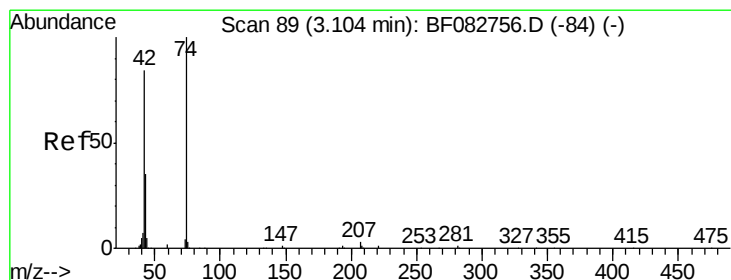
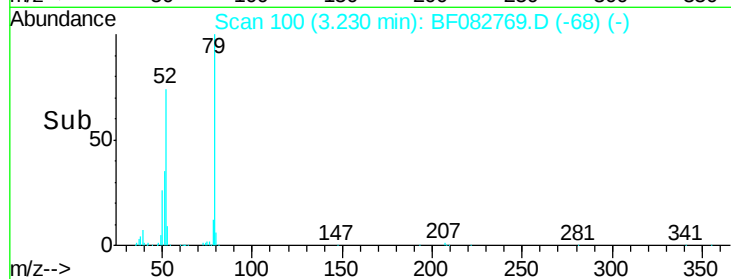
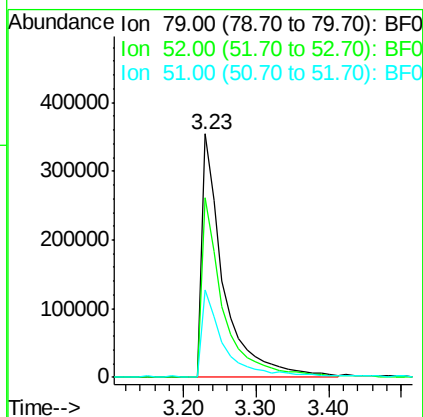
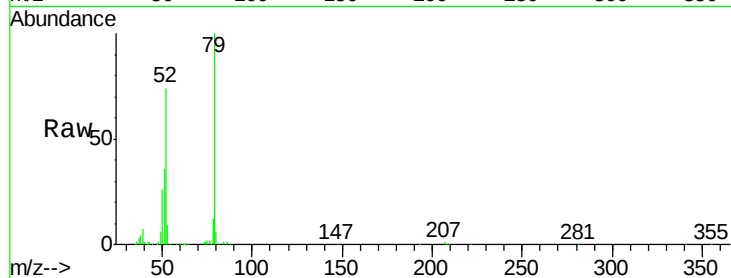




#3
 Pyridine
 Concen: 36.12 ng
 RT: 3.23 min Scan# 100
 Delta R.T. 0.07 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

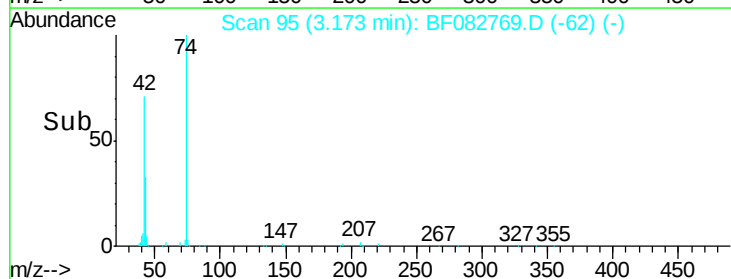
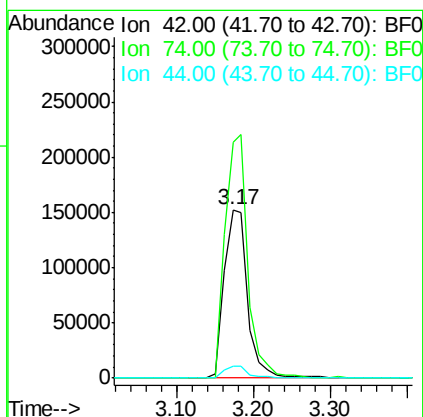
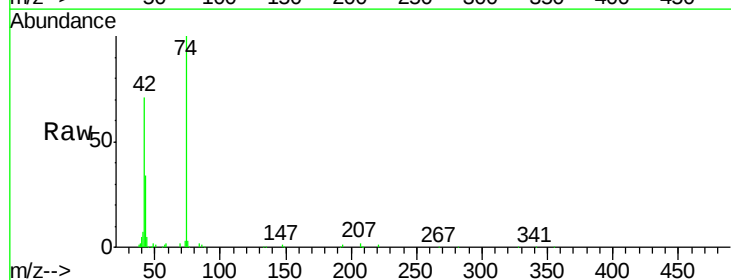
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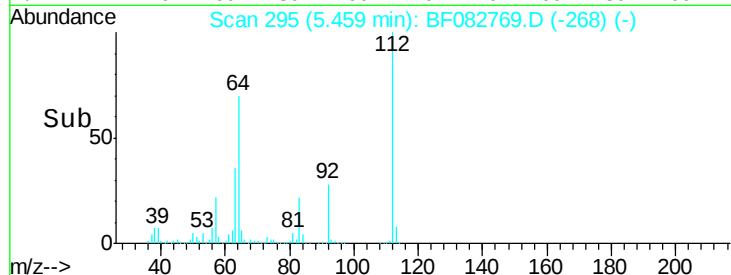
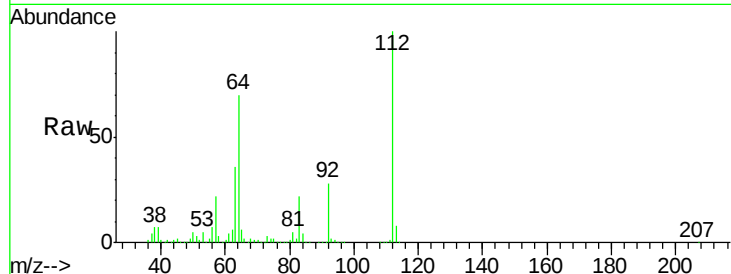
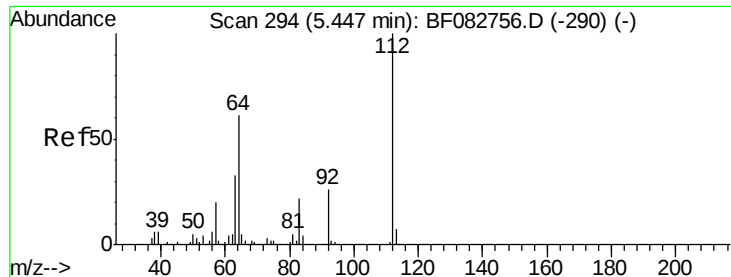
Tgt Ion: 79 Resp: 735238
 Ion Ratio Lower Upper
 79 100
 52 73.9 62.8 94.2
 51 35.9 32.0 48.0



#4
 n-Nitrosodimethylamine
 Concen: 32.51 ng
 RT: 3.17 min Scan# 95
 Delta R.T. 0.08 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Tgt Ion: 42 Resp: 328193
 Ion Ratio Lower Upper
 42 100
 74 140.4 87.0 130.4#
 44 7.5 5.8 8.8

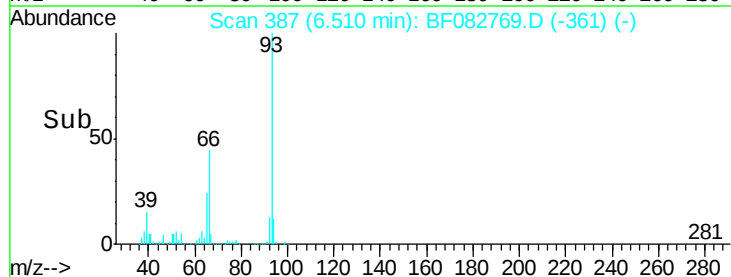
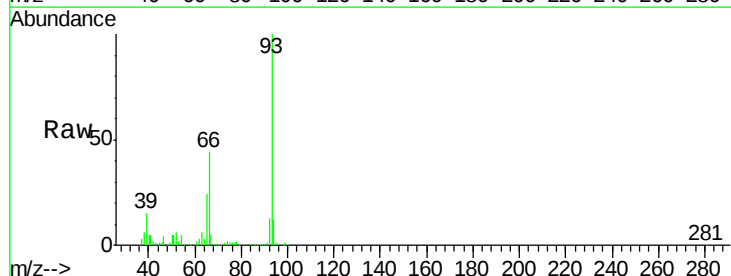
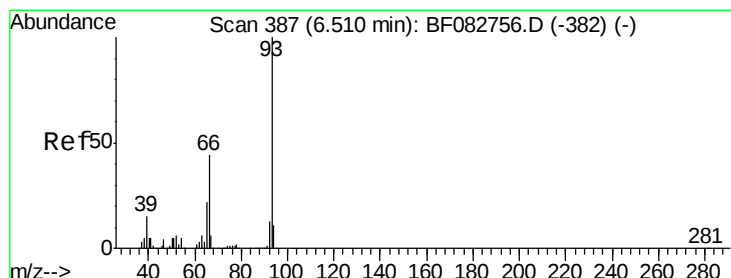
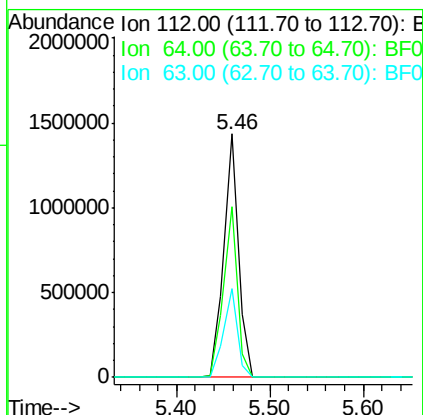




#5
2-Fluorophenol
Concen: 97.31 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

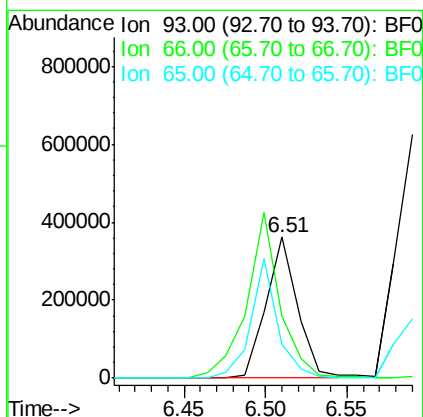
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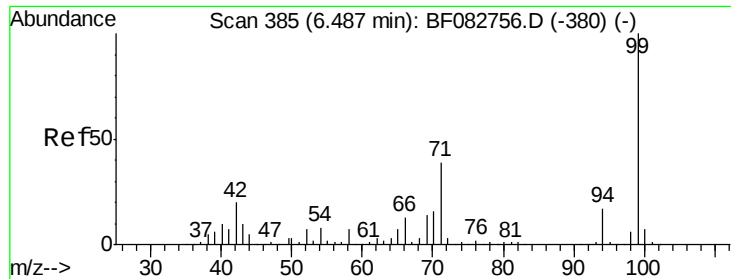
Tgt Ion: 112 Resp: 1581970
Ion Ratio Lower Upper
112 100
64 70.0 48.9 73.3
63 36.3 28.1 42.1



#6
Aniline
Concen: 16.03 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

Tgt Ion: 93 Resp: 486413
Ion Ratio Lower Upper
93 100
66 43.8 33.6 50.4
65 23.9 18.1 27.1





#7

Phenol-d6

Concen: 89.03 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Instrument :

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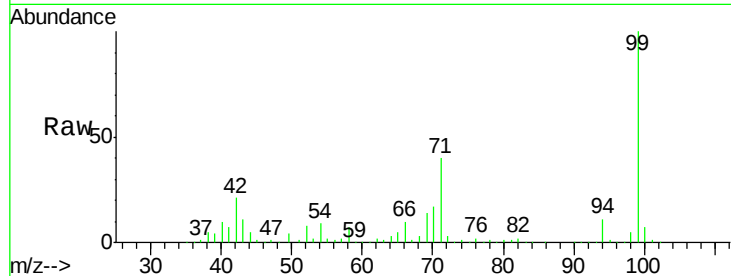
Tgt Ion: 99 Resp: 1924110

Ion Ratio Lower Upper

99 100

42 21.3 19.2 28.8

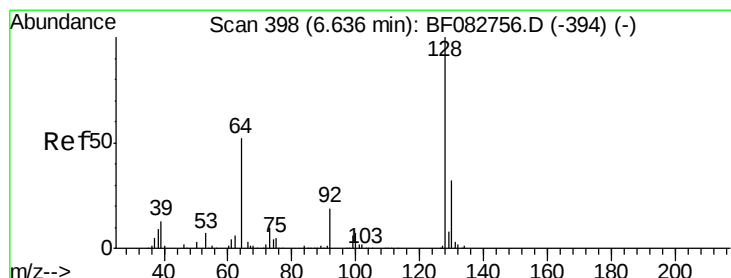
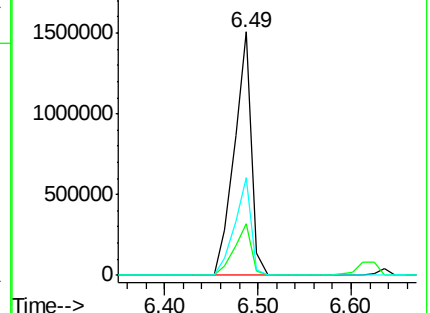
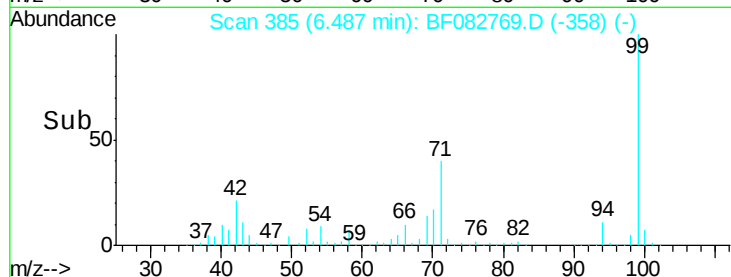
71 40.1 35.0 52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 31.02 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

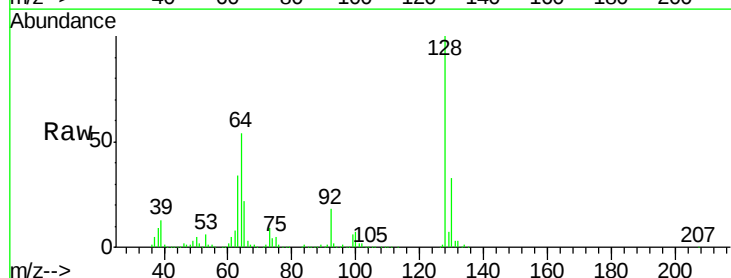
Tgt Ion: 128 Resp: 559065

Ion Ratio Lower Upper

128 100

130 33.5 13.5 53.5

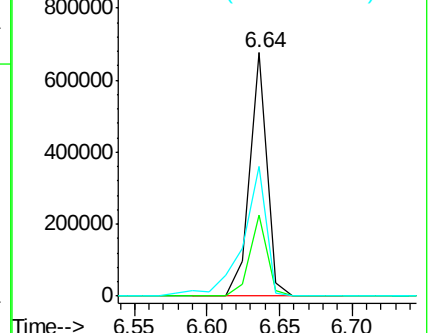
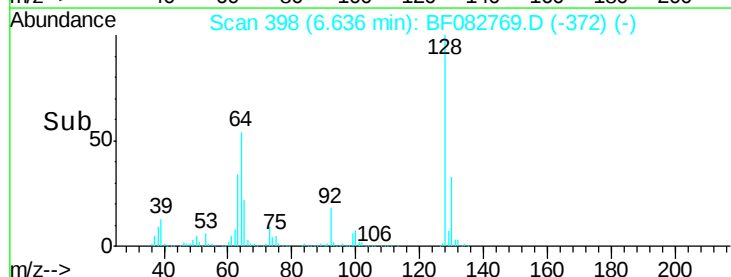
64 53.5 21.1 61.1

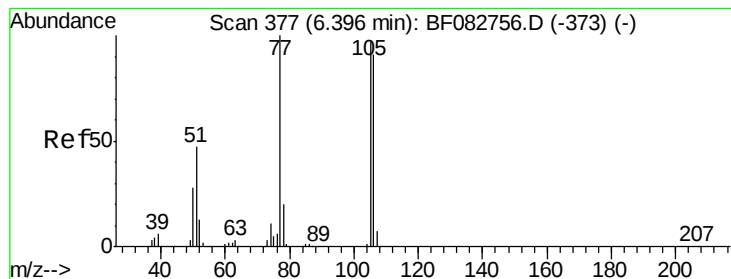


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.27 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

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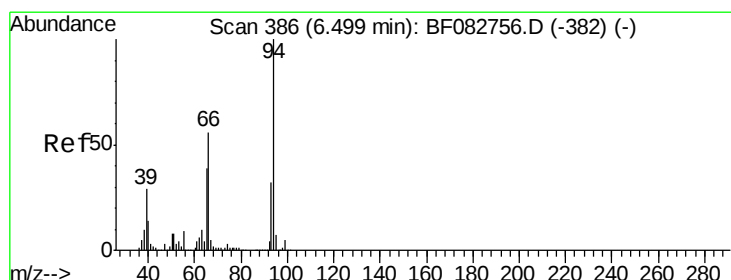
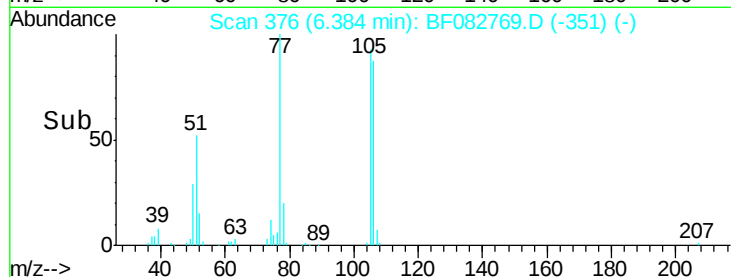
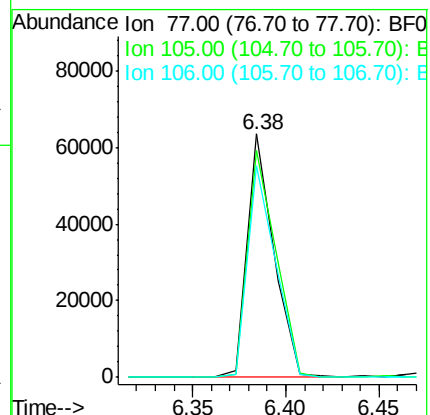
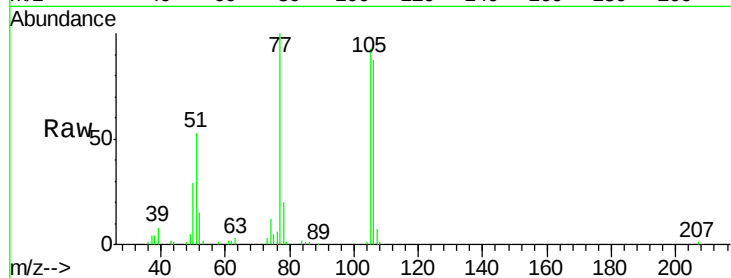
Tgt Ion: 77 Resp: 62878

Ion Ratio Lower Upper

77 100

105 93.1 63.5 103.5

106 86.9 59.3 99.3



#10

Phenol

Concen: 30.65 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF082769.D

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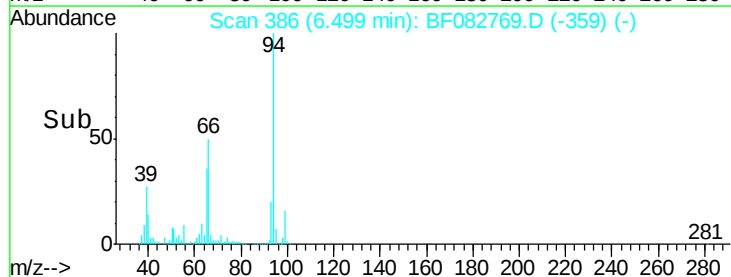
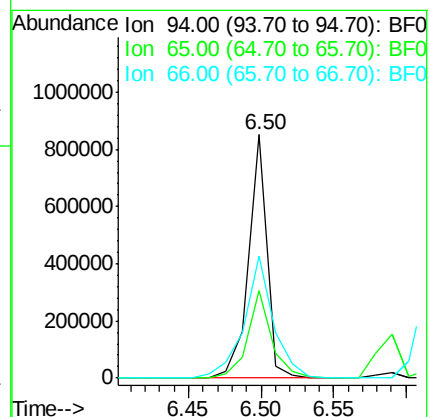
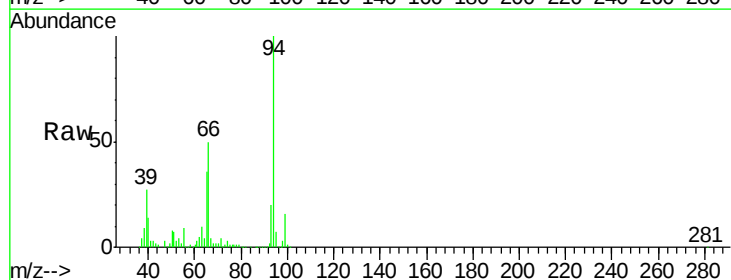
Tgt Ion: 94 Resp: 751540

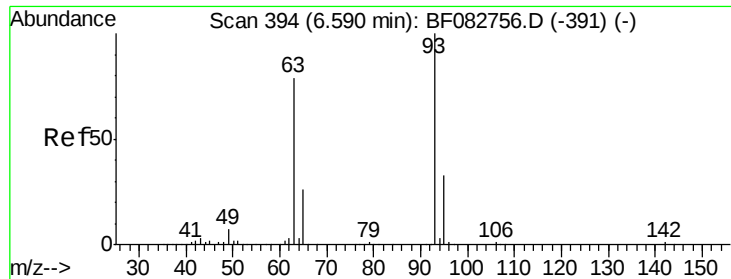
Ion Ratio Lower Upper

94 100

65 35.9 18.9 58.9

66 49.9 34.9 74.9

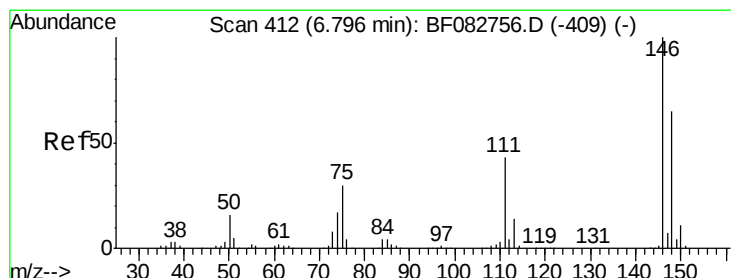
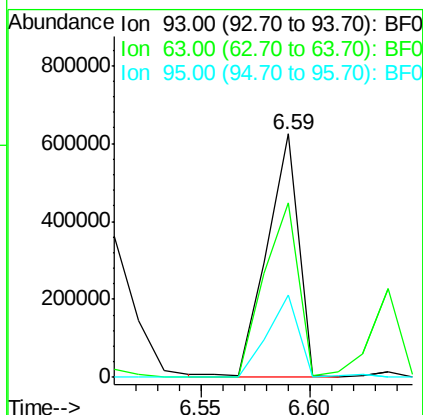
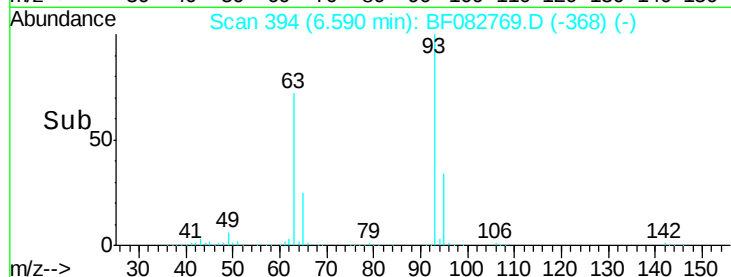
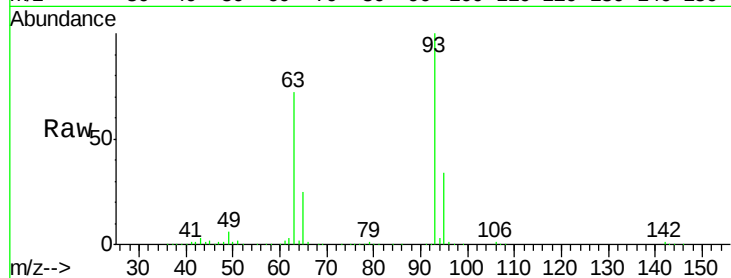




#11
bis(2-Chloroethyl)ether
Concen: 34.62 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

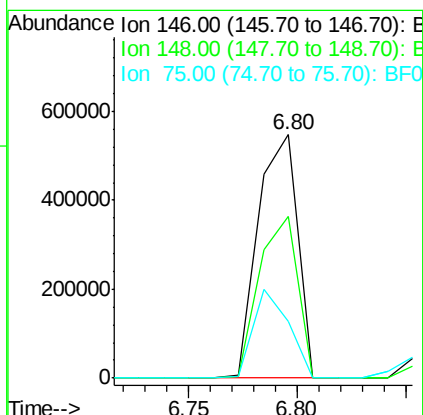
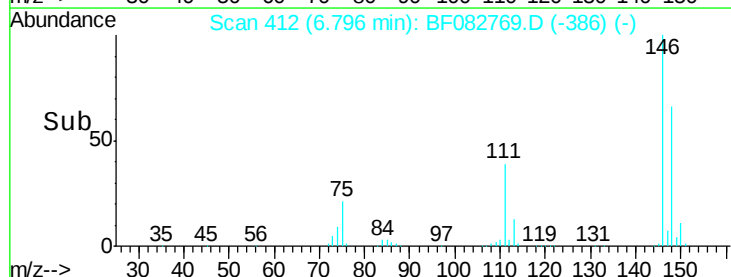
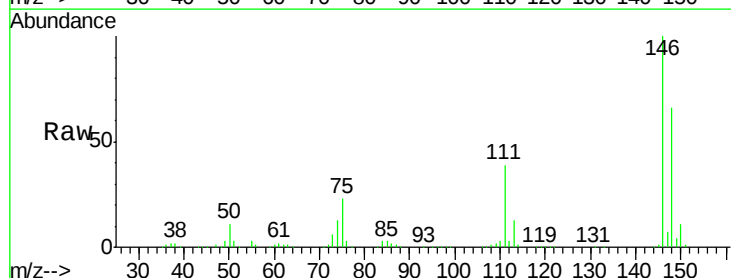
Instrument :
BNA_F
ClientSampleId :
PB86421BSD

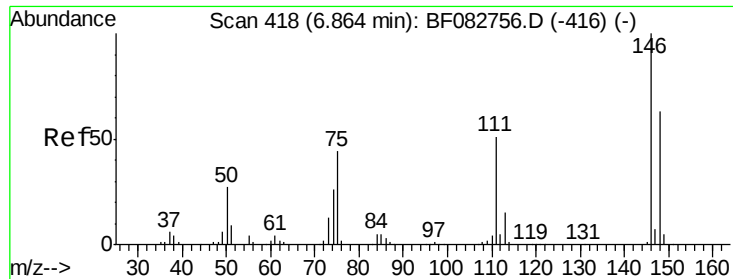
Tgt Ion: 93 Resp: 634894
Ion Ratio Lower Upper
93 100
63 71.9 72.7 112.7#
95 34.0 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 34.26 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

Tgt Ion: 146 Resp: 696333
Ion Ratio Lower Upper
146 100
148 66.5 50.5 75.7
75 23.2 39.5 59.3#

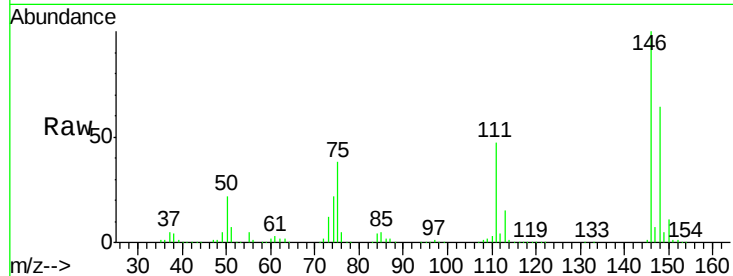




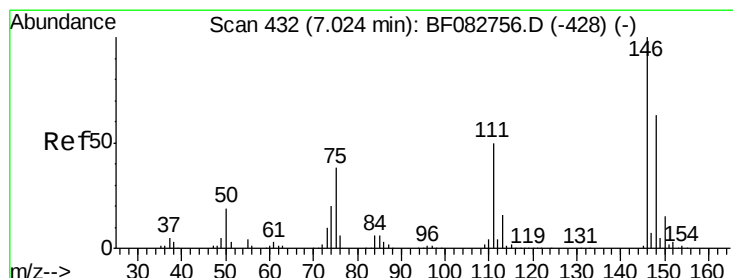
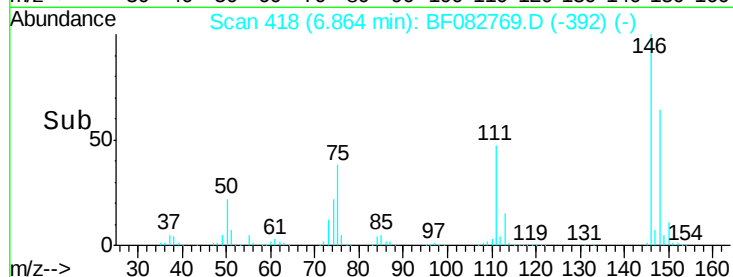
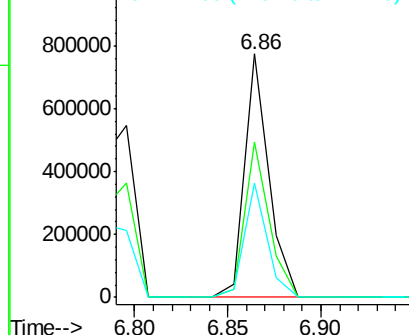
#13
 1,4-Dichlorobenzene
 Concen: 32.93 ng
 RT: 6.86 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BSD

Tgt Ion:146 Resp: 696334
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 46.8 40.6 60.8

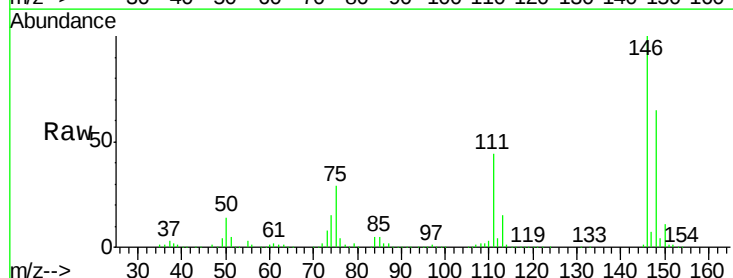


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

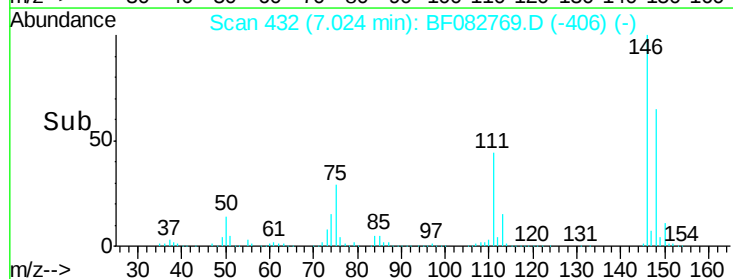
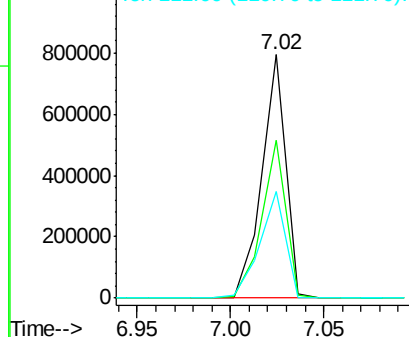


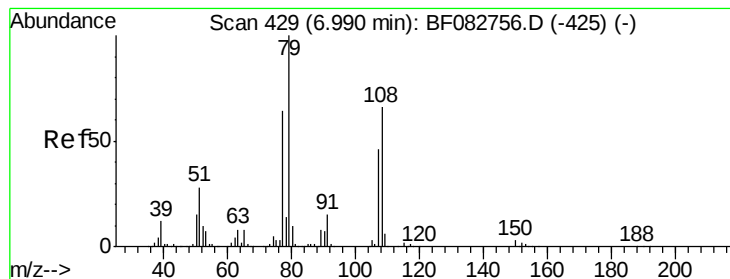
#14
 1,2-Dichlorobenzene
 Concen: 36.25 ng
 RT: 7.02 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Tgt Ion:146 Resp: 697231
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.4
 111 43.9 36.6 55.0



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





#15

Benzyl Alcohol

Concen: 32.85 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB86421BSD

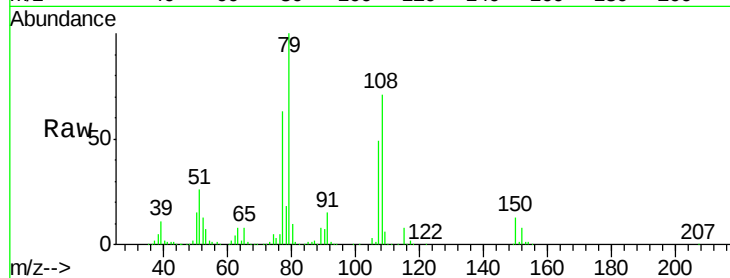
Tgt Ion: 79 Resp: 623585

Ion Ratio Lower Upper

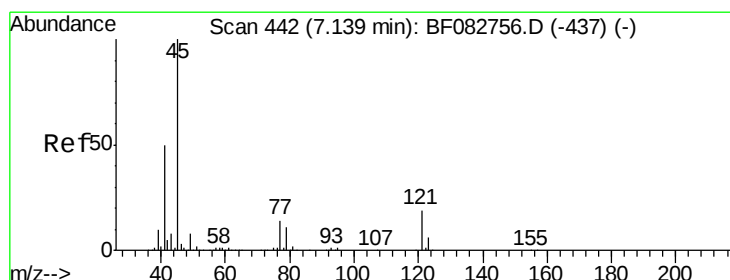
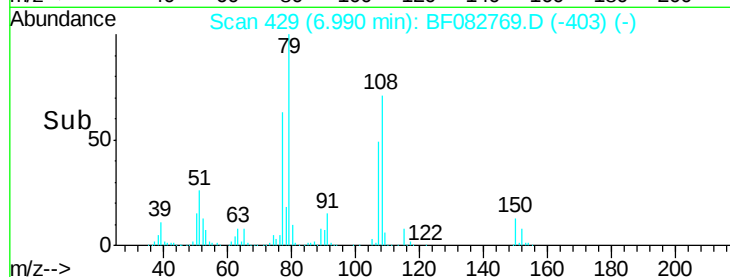
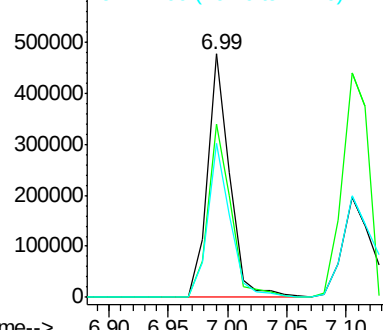
79 100

108 71.3 52.2 78.4

77 63.3 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.17 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

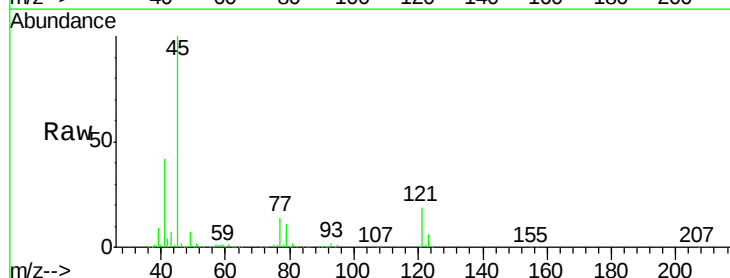
Tgt Ion: 45 Resp: 1107579

Ion Ratio Lower Upper

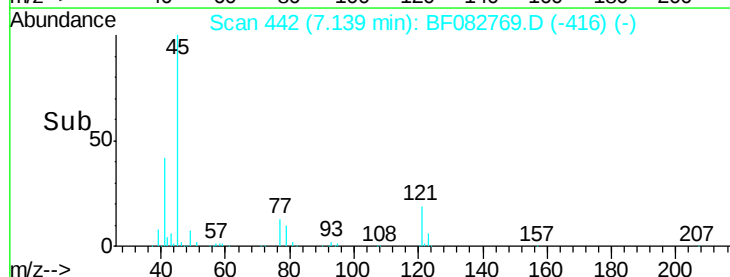
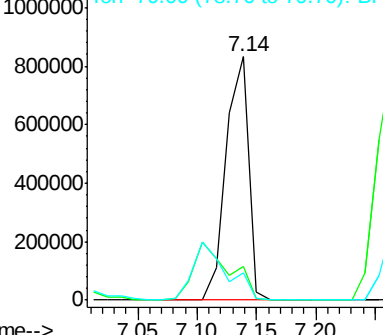
45 100

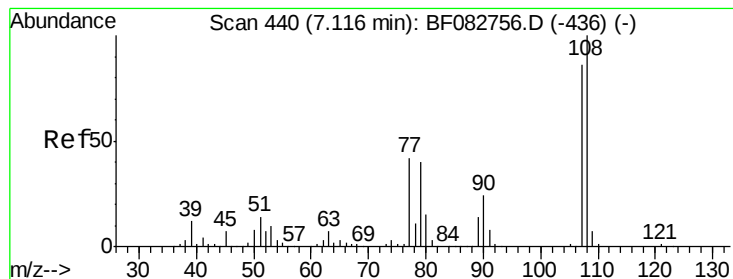
77 13.9 0.0 32.6

79 11.1 0.0 29.2



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

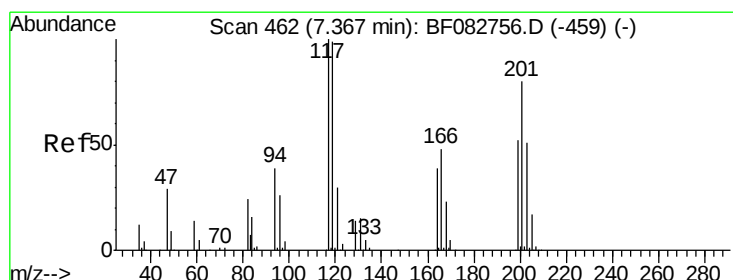
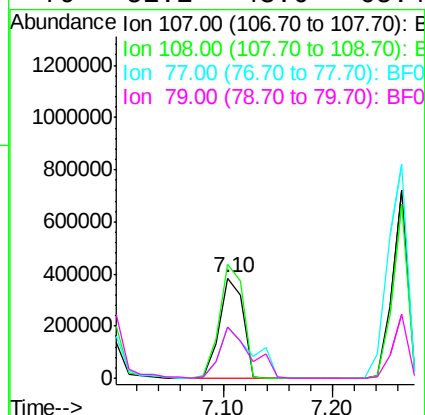
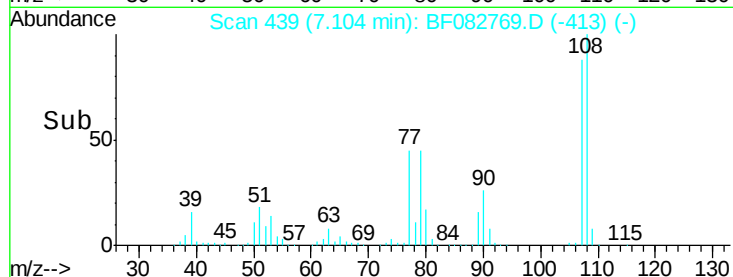
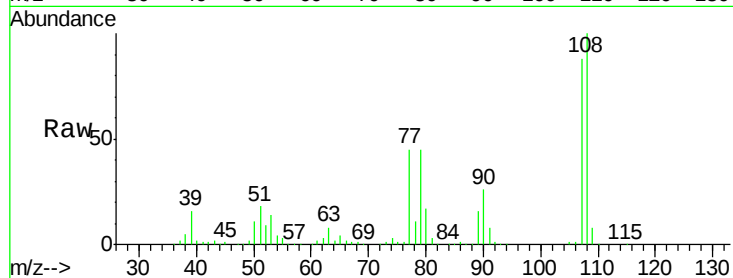




#17
2-Methylphenol
Concen: 38.17 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

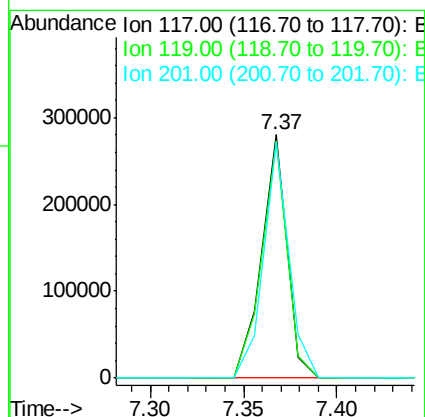
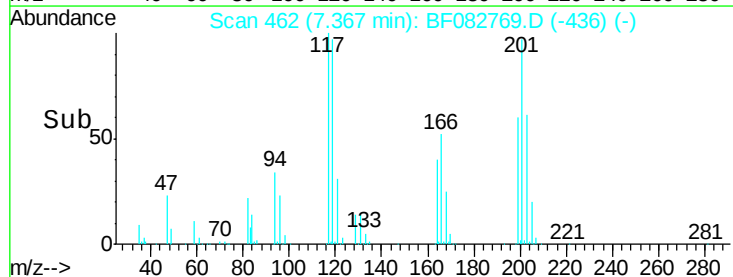
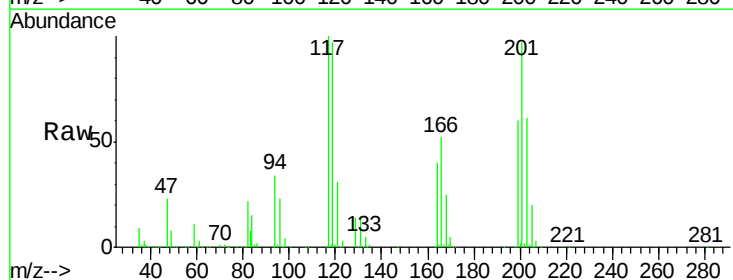
Instrument :
BNA_F
ClientSampleId :
PB86421BSD

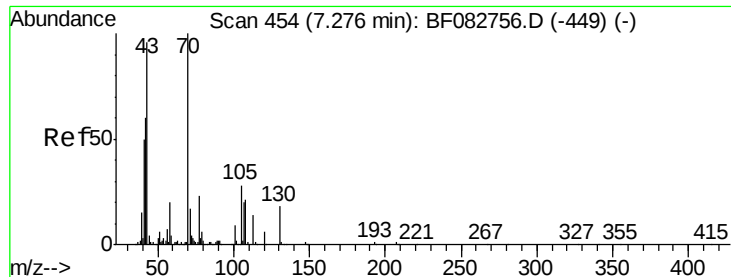
Tgt Ion:	107	Resp:	582626
Ion	Ratio	Lower	Upper
107	100		
108	114.2	93.0	139.4
77	51.6	44.1	66.1
79	51.1	43.6	65.4



#18
Hexachloroethane
Concen: 34.69 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

Tgt Ion:	117	Resp:	262366
Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.7	116.5
201	96.8	66.7	100.1

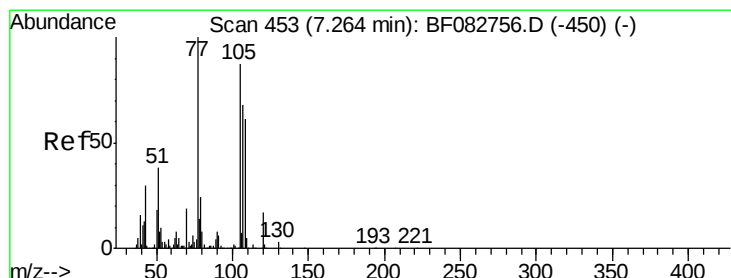
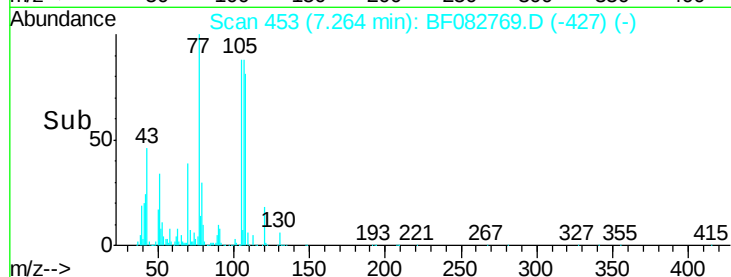
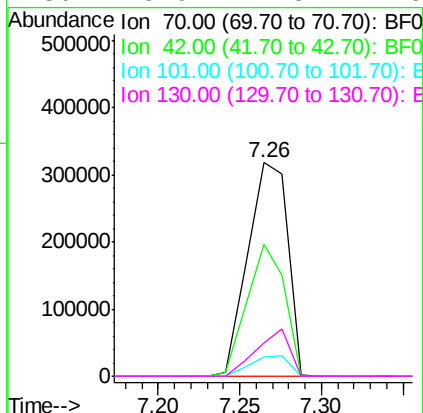
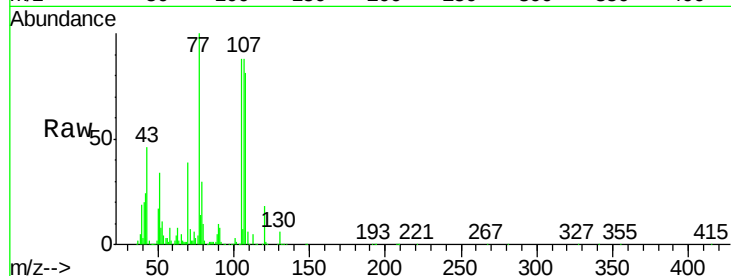




#19
n-Nitroso-di-n-propylamine
Concen: 33.85 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

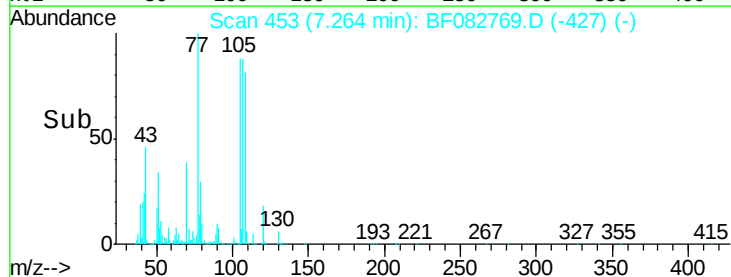
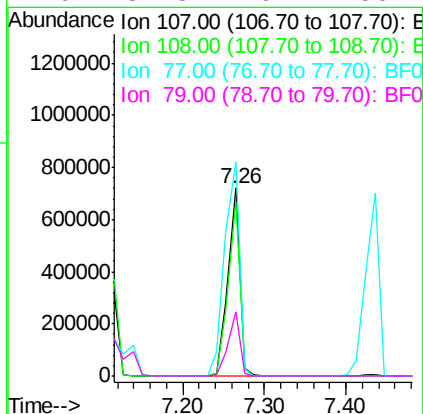
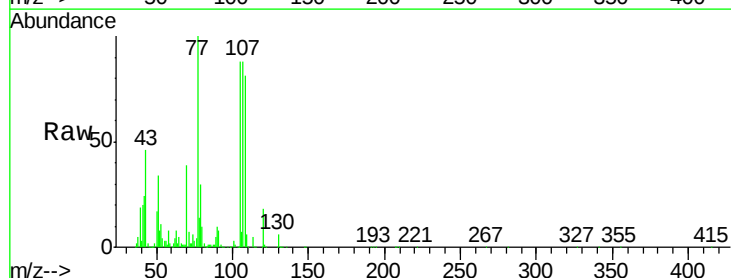
Instrument :
BNA_F
ClientSampleId :
PB86421BSD

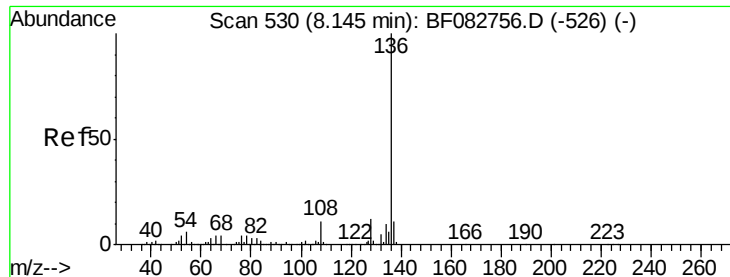
Tgt Ion: 70 Resp: 537844
Ion Ratio Lower Upper
70 100
42 61.5 57.7 86.5
101 8.9 7.0 10.6
130 15.9 11.8 17.6



#20
3+4-Methylphenols
Concen: 36.17 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

Tgt Ion: 107 Resp: 717841
Ion Ratio Lower Upper
107 100
108 92.5 67.3 107.3
77 113.7 100.3 140.3
79 34.3 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB86421BSD

Tgt Ion:136 Resp: 575037

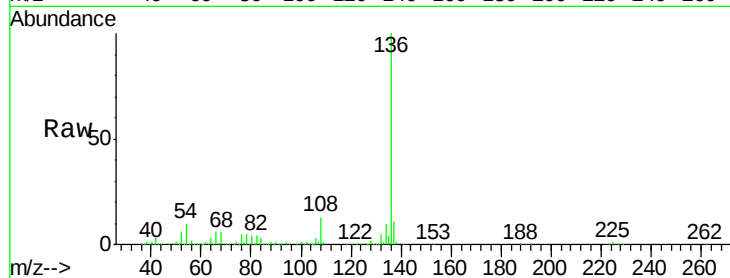
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.8 9.1 13.7

68 5.9 4.8 7.2

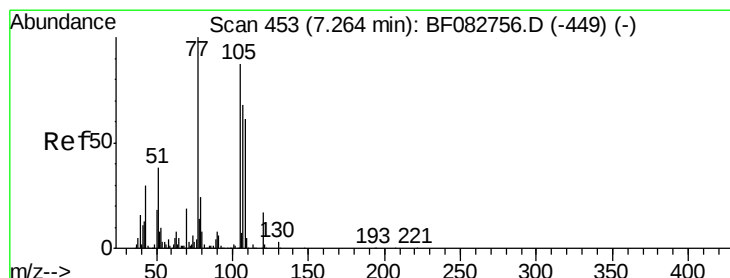
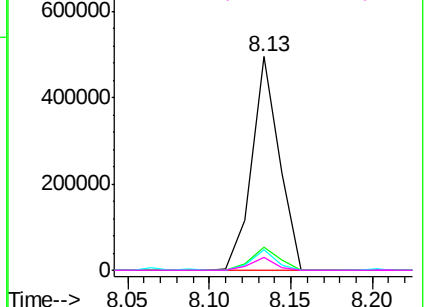
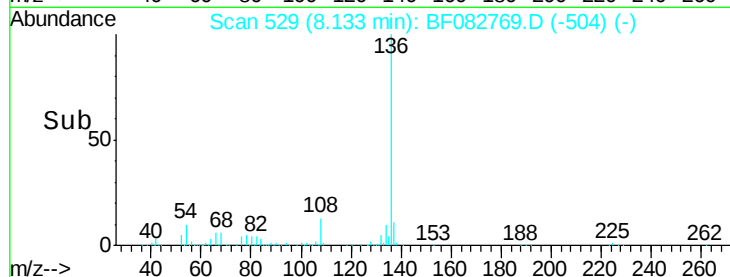


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 57.64 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Tgt Ion:105 Resp: 949721

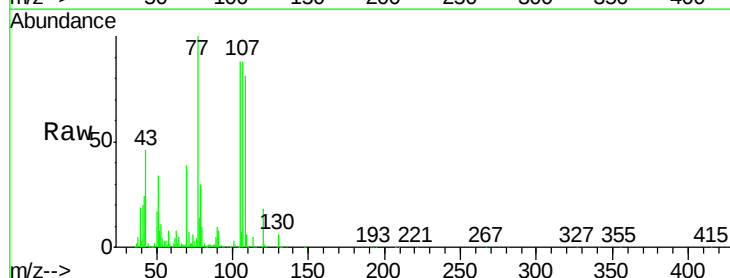
Ion Ratio Lower Upper

105 100

71 7.5 5.6 8.4

51 38.9 24.9 37.3#

120 20.7 15.8 23.8

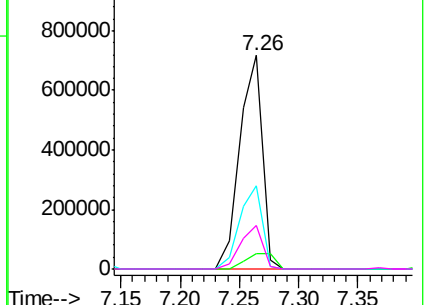
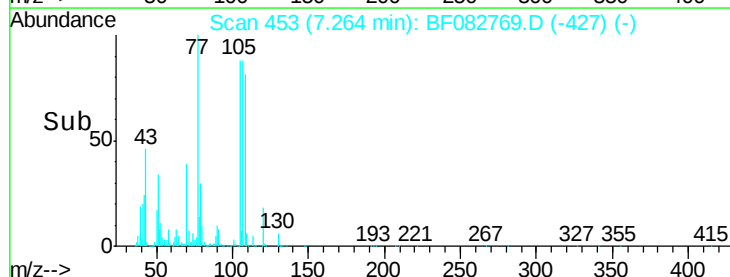


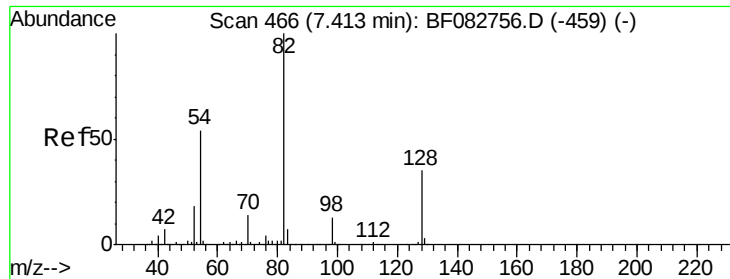
Abundance Ion 105.00 (104.70 to 105.70): E

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

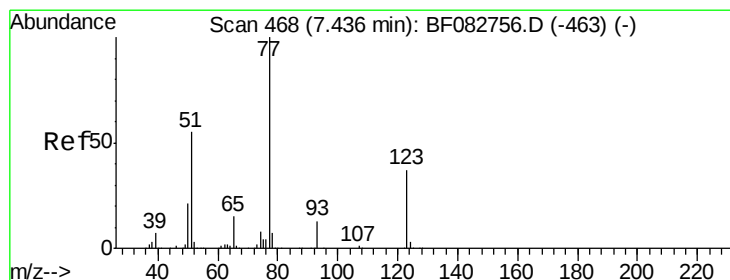
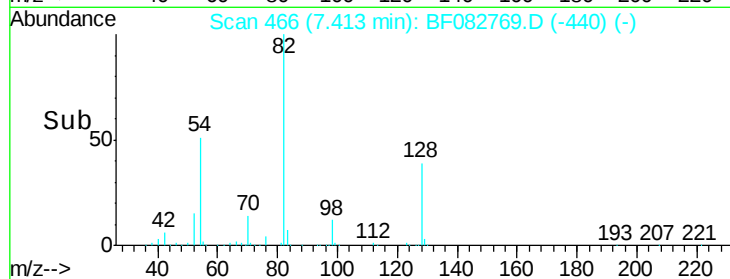
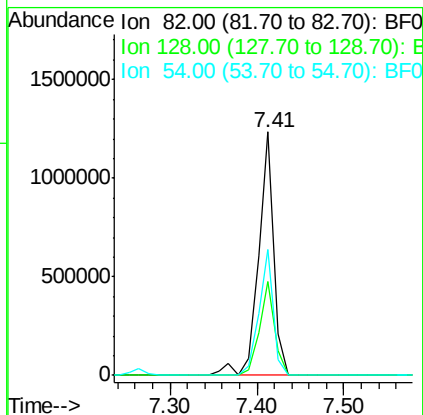
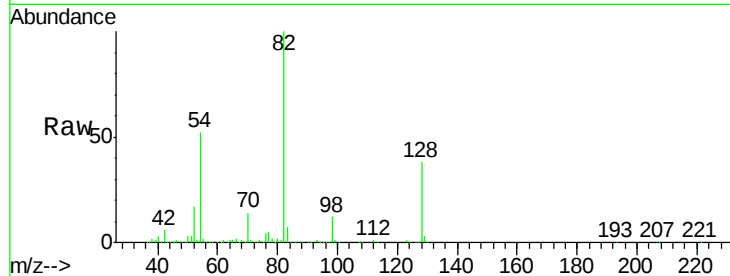




#23
 Nitrobenzene-d5
 Concen: 115.33 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

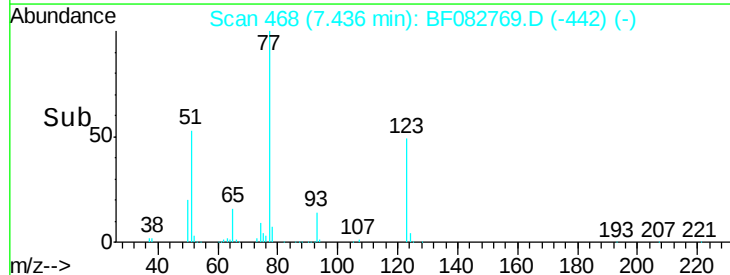
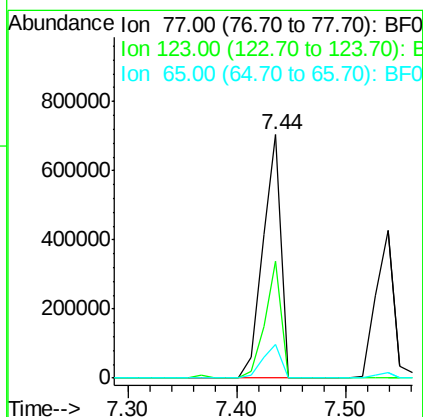
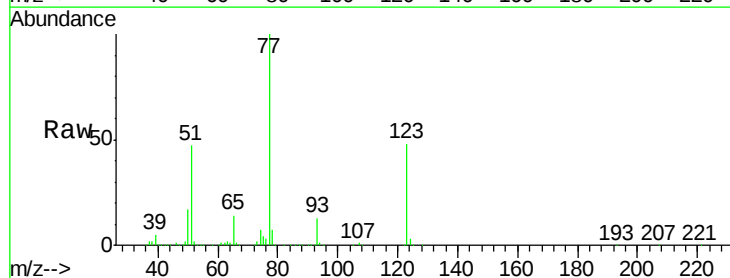
Instrument :
 BNA_F
 ClientSampleId :
 PB86421BSD

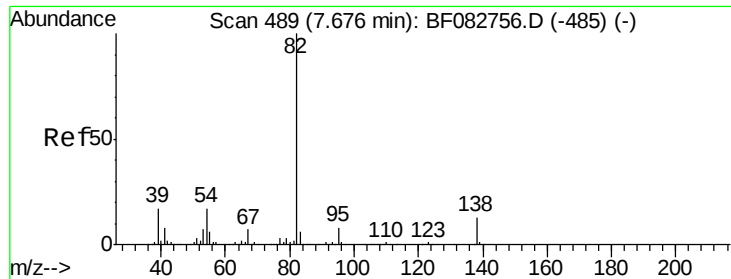
Tgt Ion: 82 Resp: 1524200
 Ion Ratio Lower Upper
 82 100
 128 38.5 26.8 40.2
 54 51.9 45.7 68.5



#24
 Nitrobenzene
 Concen: 60.33 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Tgt Ion: 77 Resp: 815402
 Ion Ratio Lower Upper
 77 100
 123 47.9 36.4 54.6
 65 13.7 11.5 17.3





#25

Isophorone

Concen: 51.20 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB86421BSD

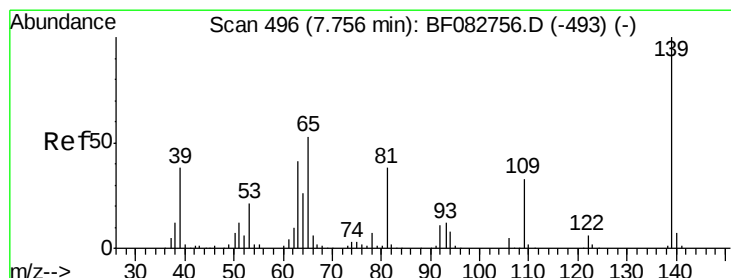
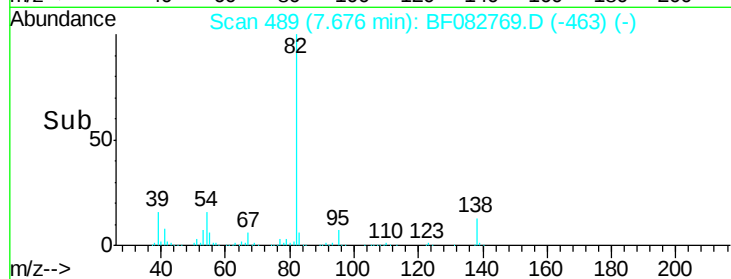
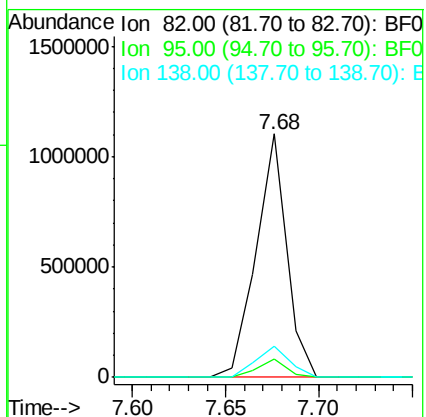
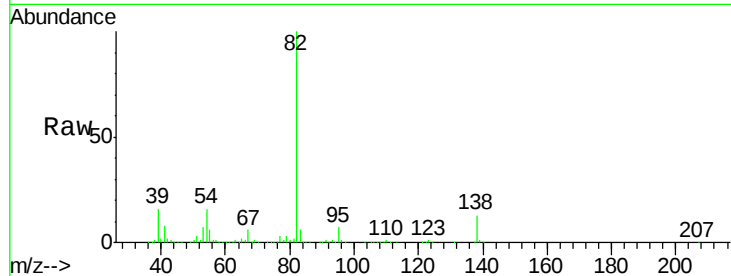
Tgt Ion: 82 Resp: 1252080

Ion Ratio Lower Upper

82 100

95 7.3 6.6 9.8

138 12.8 11.4 17.0



#26

2-Nitrophenol

Concen: 45.45 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

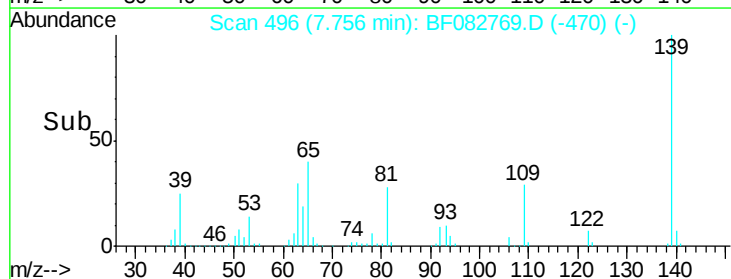
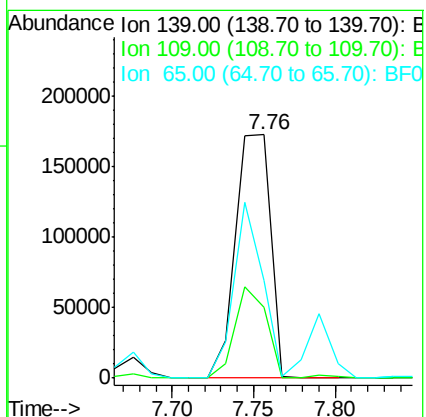
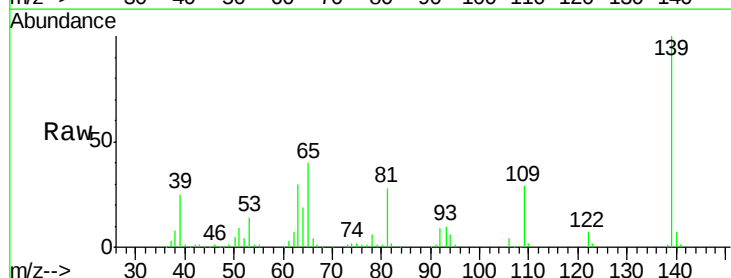
Tgt Ion: 139 Resp: 256376

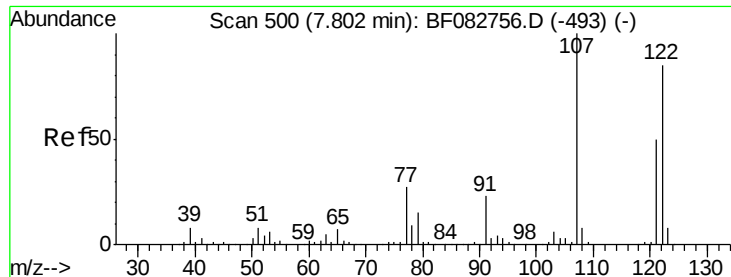
Ion Ratio Lower Upper

139 100

109 29.2 37.6 56.4#

65 40.4 70.6 105.8#

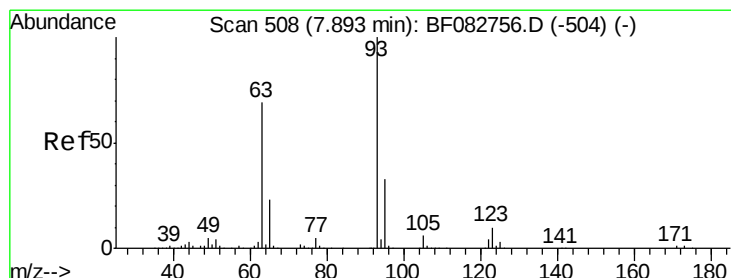
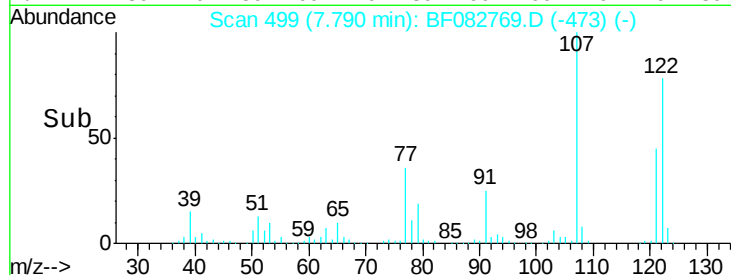
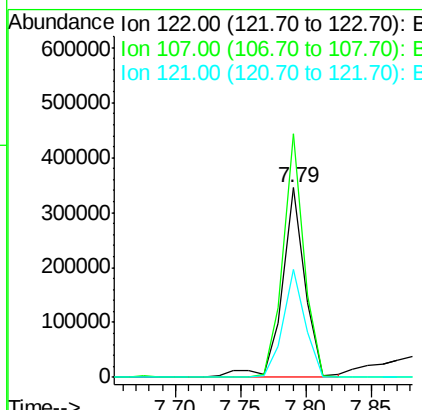
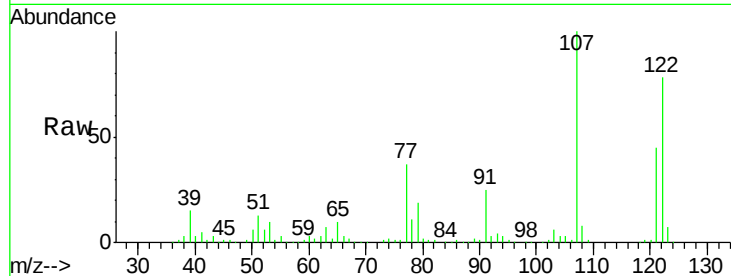




#27
 2,4-Dimethylphenol
 Concen: 41.92 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

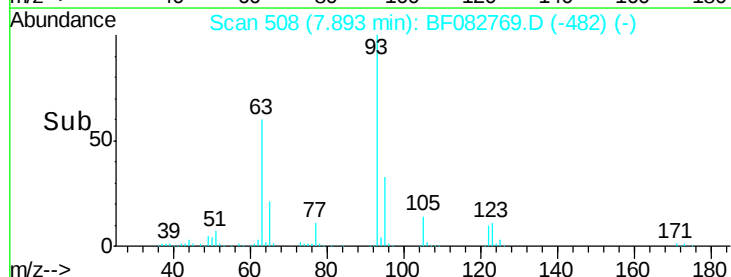
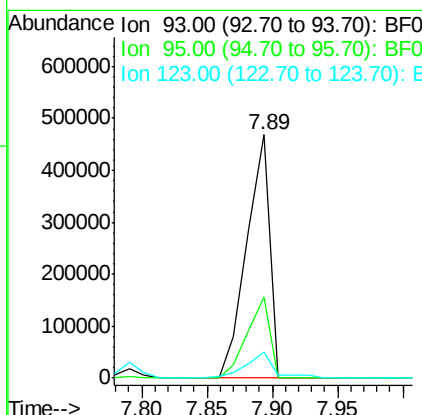
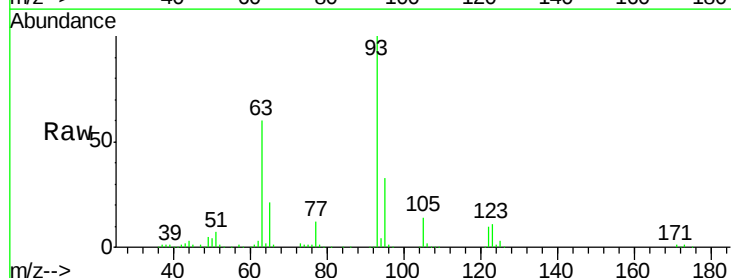
Instrument :
 BNA_F
 ClientSampleId :
 PB86421BSD

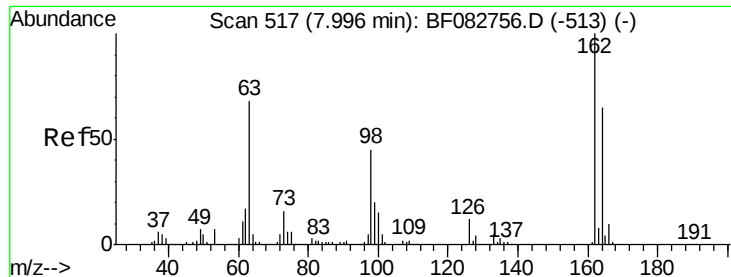
Tgt Ion:122 Resp: 424892
 Ion Ratio Lower Upper
 122 100
 107 128.6 106.0 159.0
 121 57.3 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.65 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Tgt Ion: 93 Resp: 574486
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.6 40.0
 123 10.8 9.7 14.5

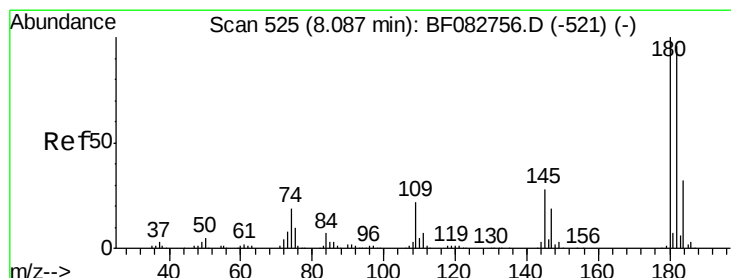
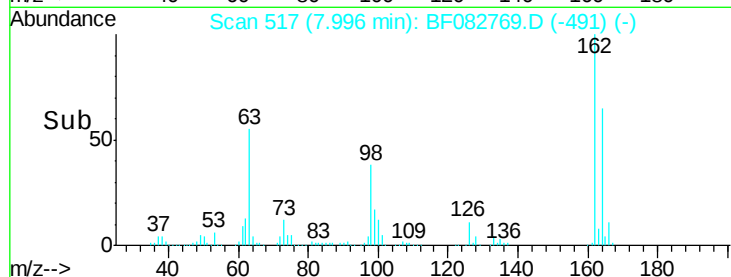
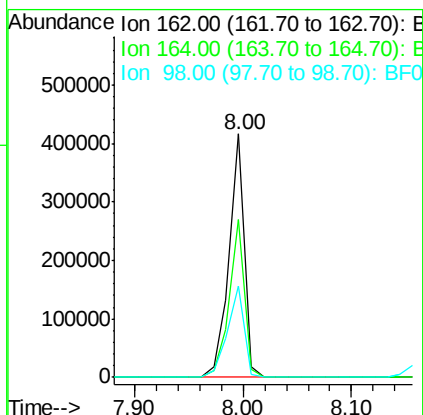
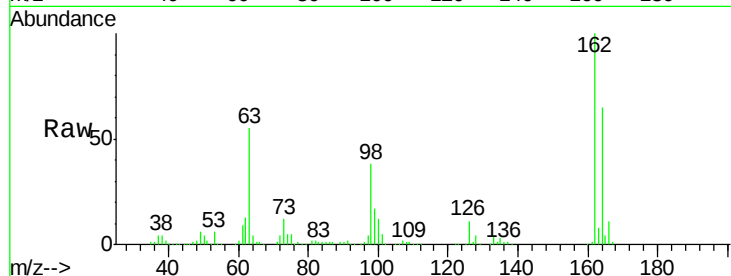




#29
2,4-Dichlorophenol
Concen: 44.18 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

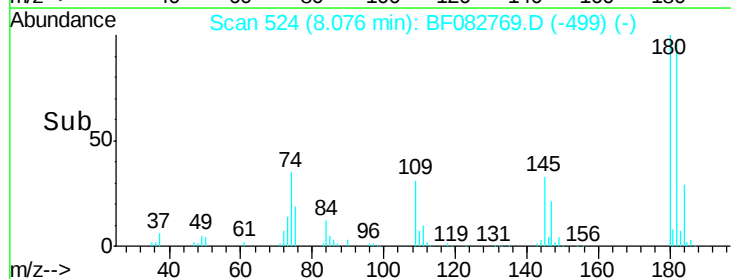
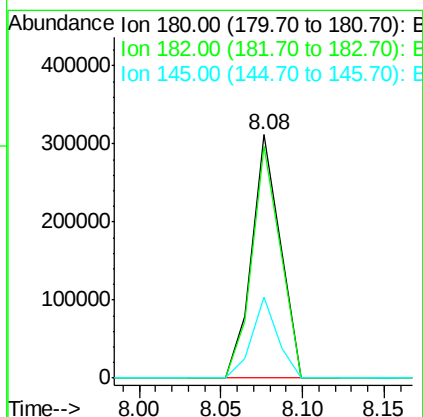
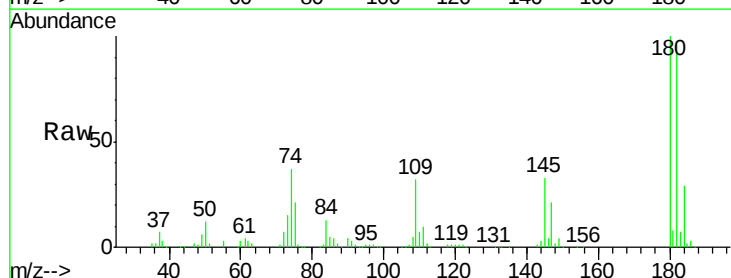
Instrument :
BNA_F
ClientSampleId :
PB86421BSD

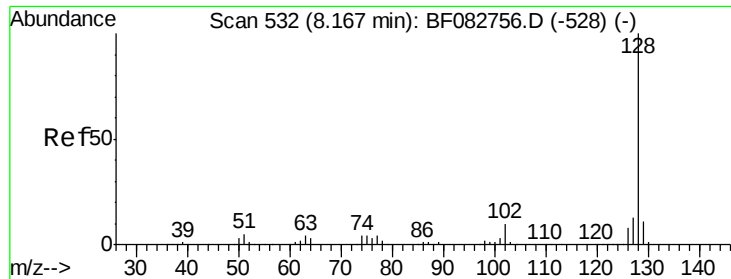
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	46.8	86.8
98	37.7	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 36.80 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	74.9	112.3
145	33.3	27.8	41.8

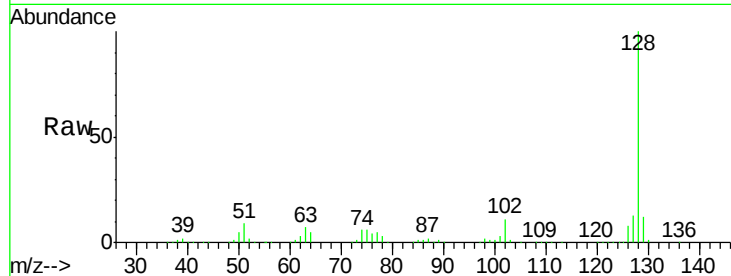




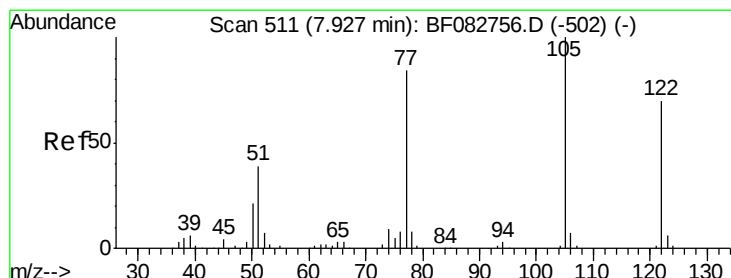
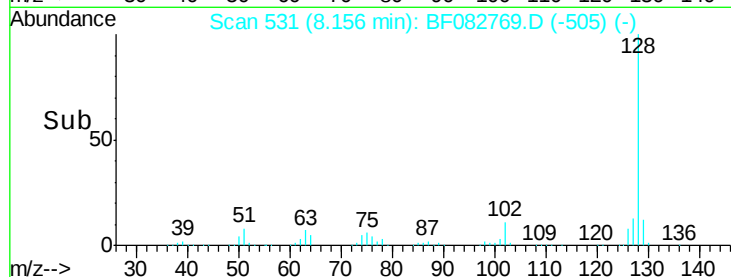
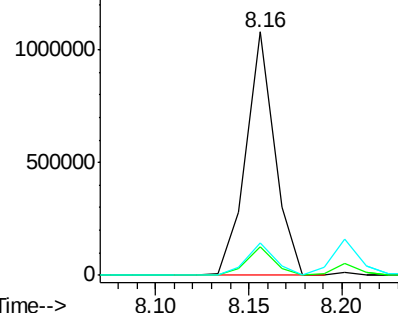
#31
Naphthalene
Concen: 36.16 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB86421BSD

Tgt Ion:128 Resp: 1147370
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.4 11.4 17.0

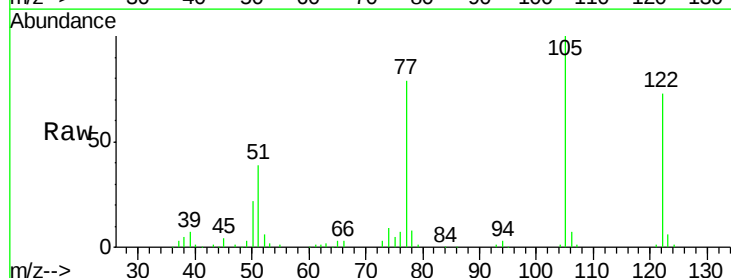


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

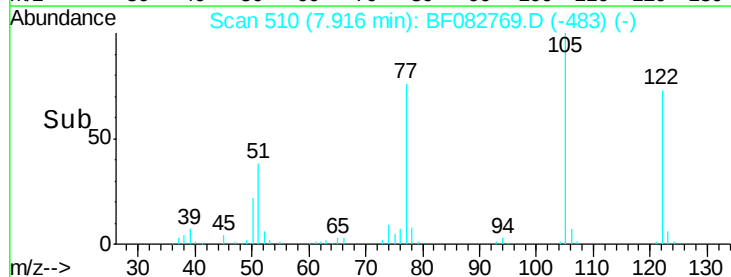
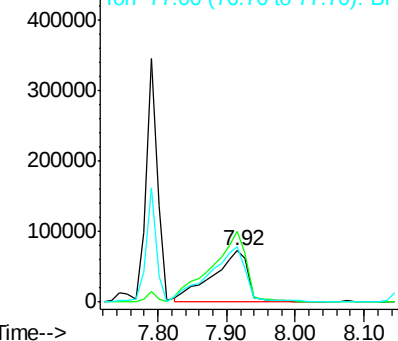


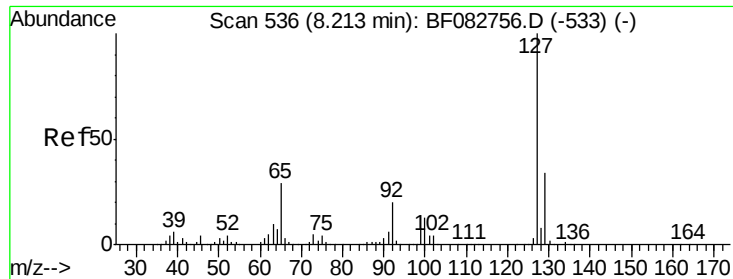
#32
Benzoic acid
Concen: 38.22 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

Tgt Ion:122 Resp: 265224
Ion Ratio Lower Upper
122 100
105 137.0 122.6 162.6
77 107.8 100.9 140.9



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

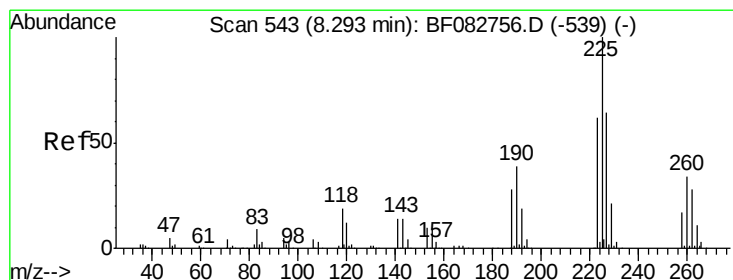
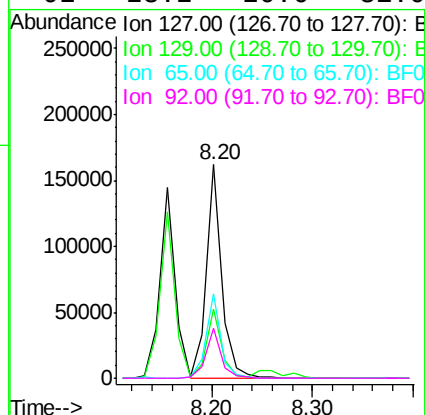
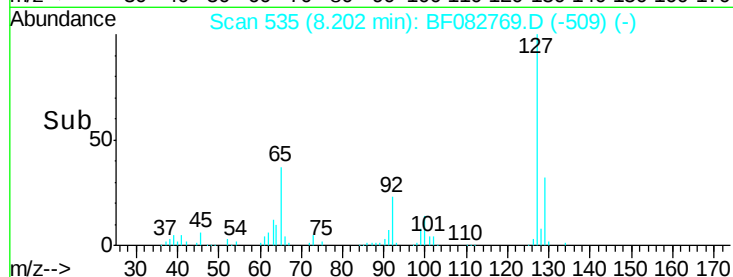
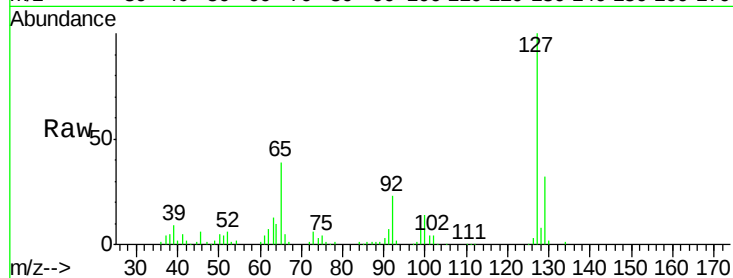




#33
4-Chloroaniline
Concen: 12.67 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

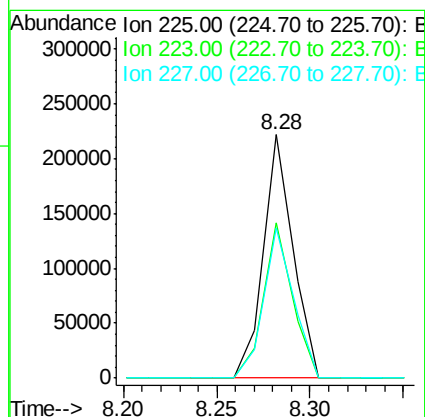
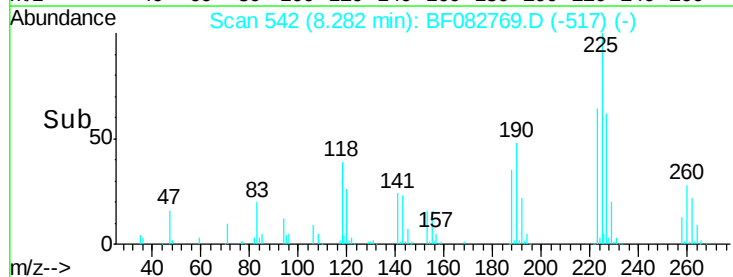
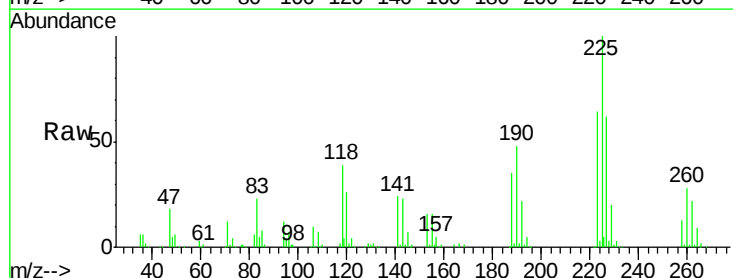
Instrument :
BNA_F
ClientSampleId :
PB86421BSD

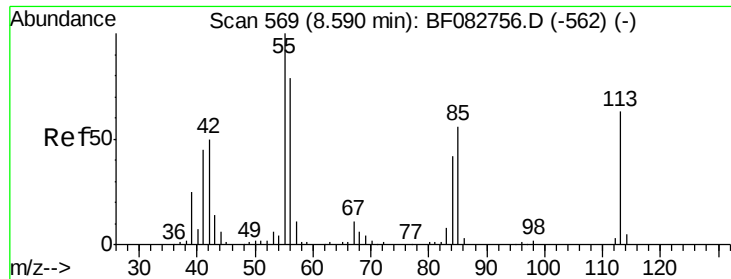
Tgt Ion:	127	Resp:	173173
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	39.4	37.8	56.8
92	23.2	20.6	31.0



#34
Hexachlorobutadiene
Concen: 37.68 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

Tgt Ion:	225	Resp:	242927
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.5	75.7
227	61.6	50.2	75.2

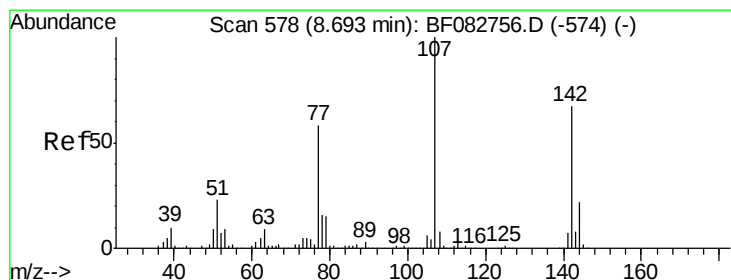
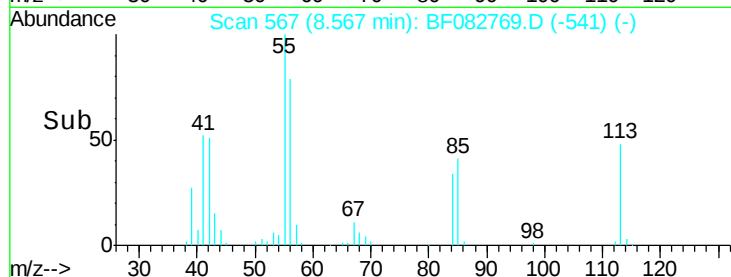
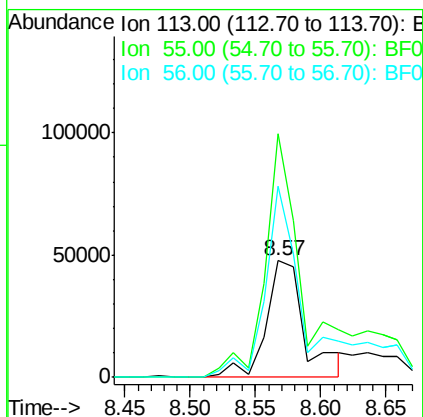
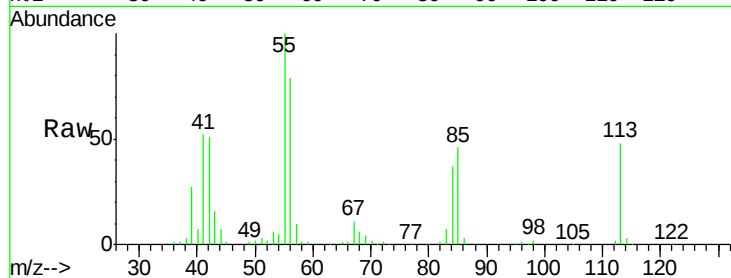




#35
 Caprolactam
 Concen: 34.33 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

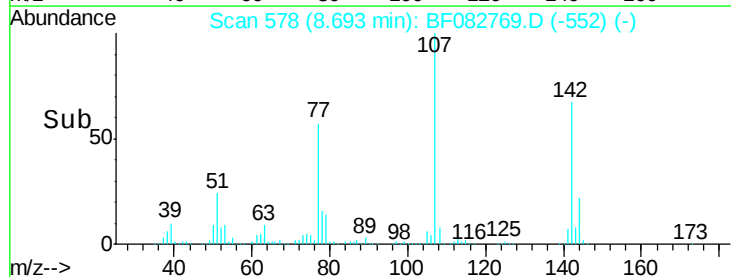
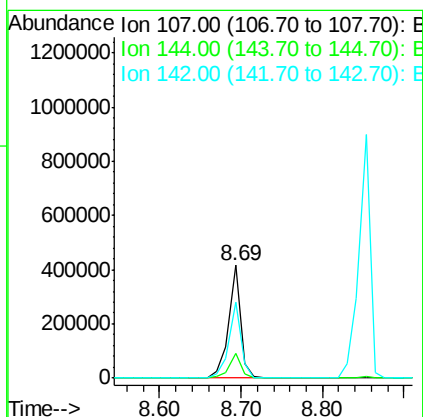
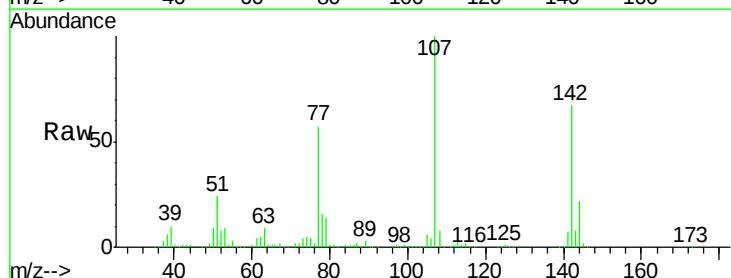
Instrument :
 BNA_F
 ClientSampleId :
 PB86421BSD

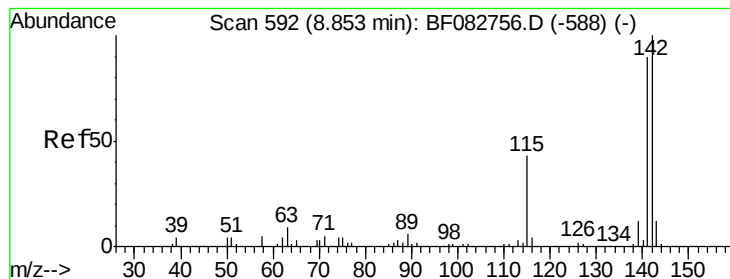
Tgt Ion:113 Resp: 99154
 Ion Ratio Lower Upper
 113 100
 55 209.3 195.5 235.5
 56 164.5 153.5 193.5



#36
 4-Chloro-3-methylphenol
 Concen: 39.59 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Tgt Ion:107 Resp: 426538
 Ion Ratio Lower Upper
 107 100
 144 21.6 15.4 23.0
 142 67.2 47.8 71.8





#37

2-Methylnaphthalene

Concen: 42.39 ng

RT: 8.85 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB86421BSD

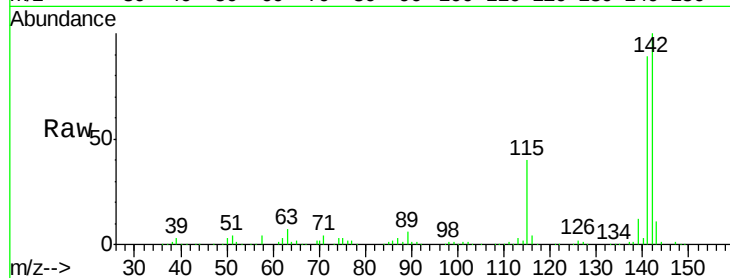
Tgt Ion:142 Resp: 869926

Ion Ratio Lower Upper

142 100

141 89.2 72.3 108.5

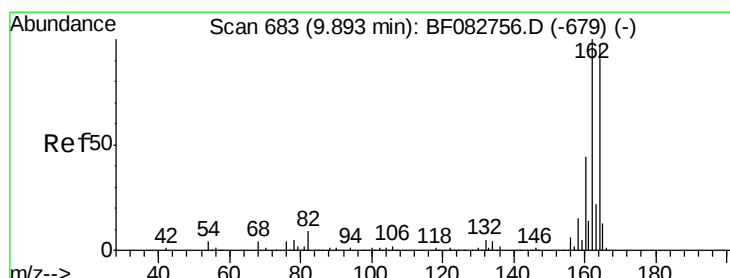
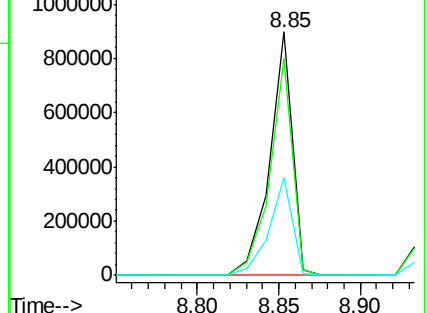
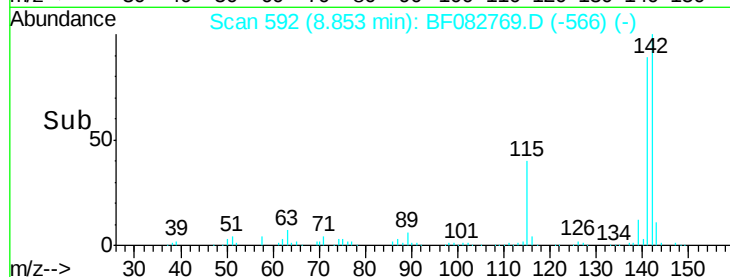
115 40.1 38.1 57.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

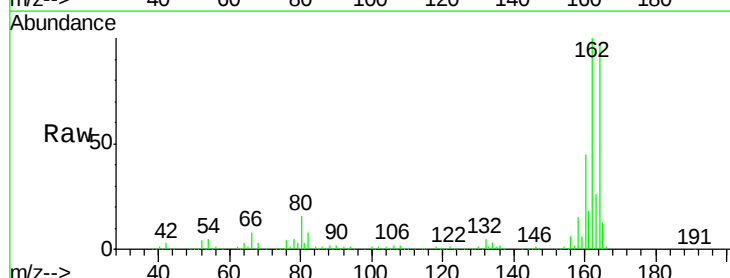
Tgt Ion:164 Resp: 325241

Ion Ratio Lower Upper

164 100

162 103.6 84.9 127.3

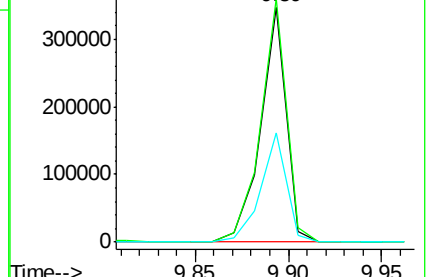
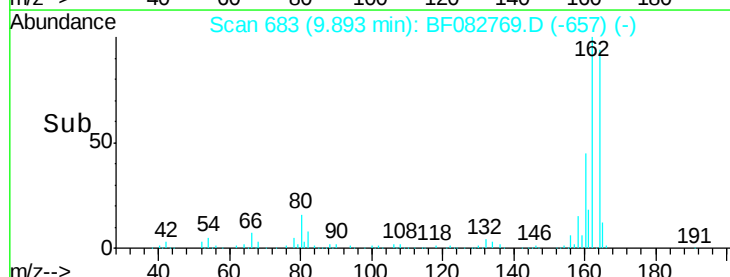
160 46.6 37.5 56.3

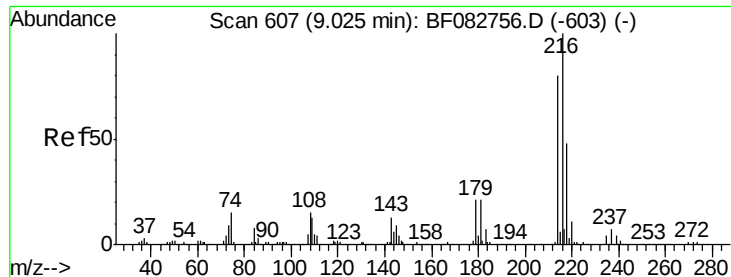


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.70 ng

RT: 9.02 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB86421BSD

Tgt Ion:216 Resp: 413606

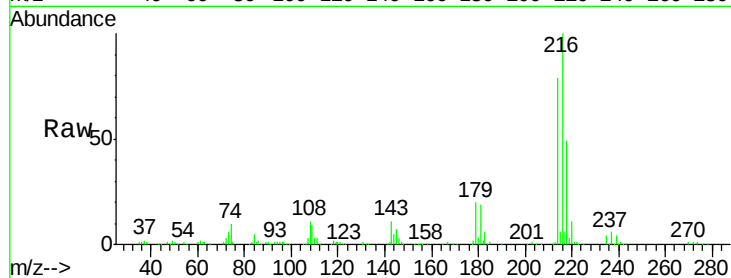
Ion Ratio Lower Upper

216 100

214 80.5 62.2 93.2

179 22.0 18.1 27.1

108 21.0 16.6 25.0

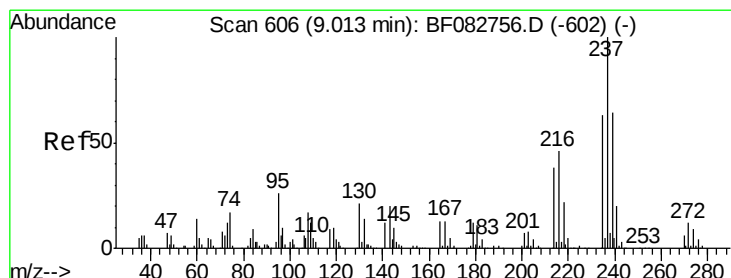
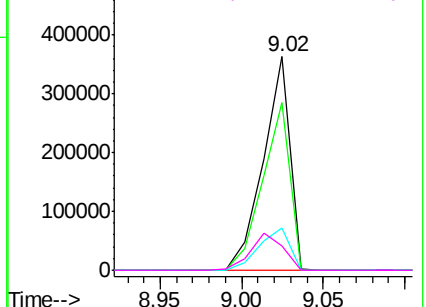
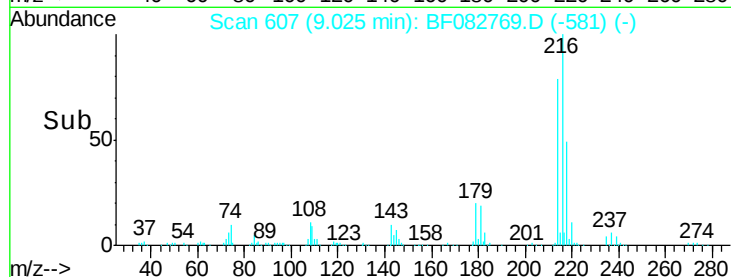


Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.02 ng

RT: 9.01 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

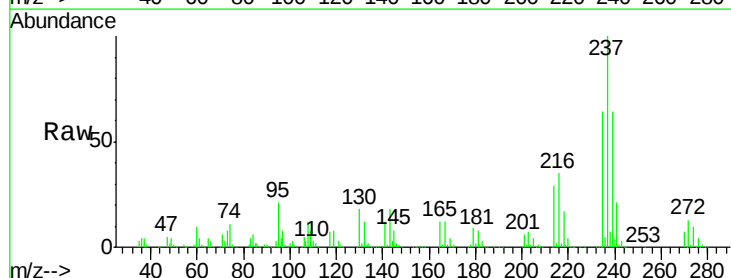
Tgt Ion:237 Resp: 522635

Ion Ratio Lower Upper

237 100

235 64.3 44.3 84.3

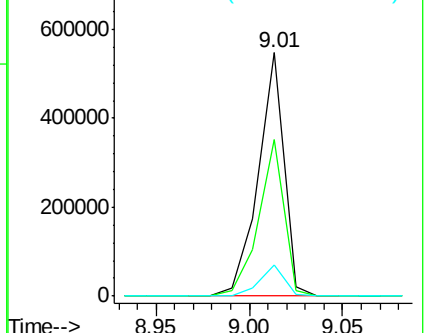
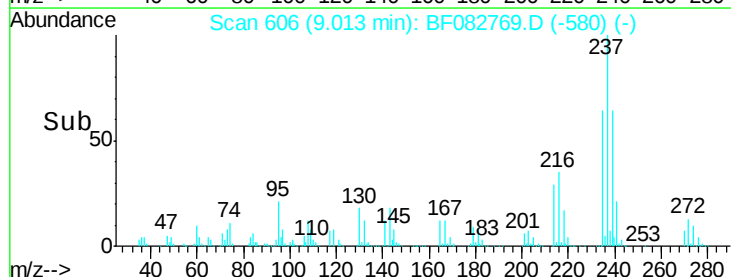
272 12.7 0.0 31.9

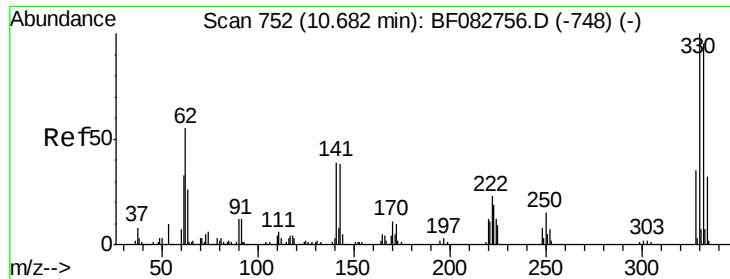


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

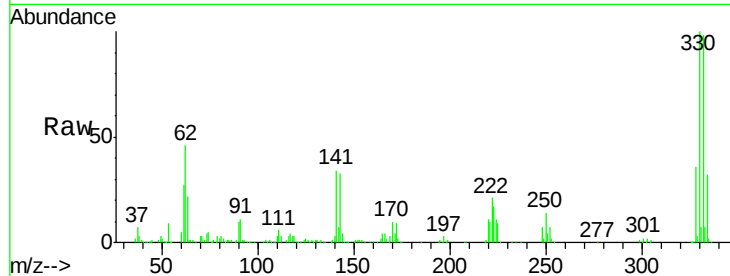




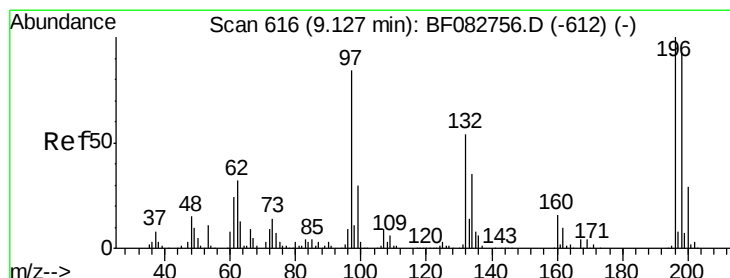
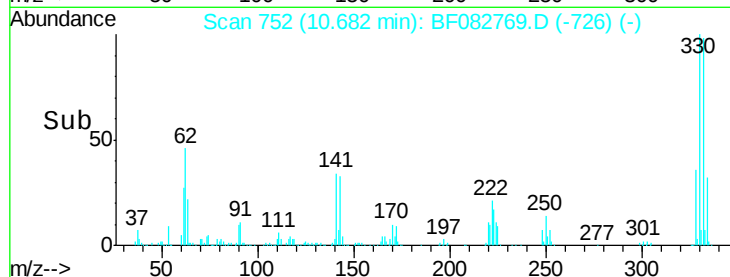
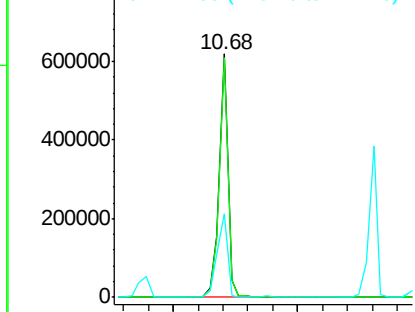
#41
 2,4,6-Tribromophenol
 Concen: 158.69 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BSD

Tgt Ion:330 Resp: 591806
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 40.3 41.2 61.8#

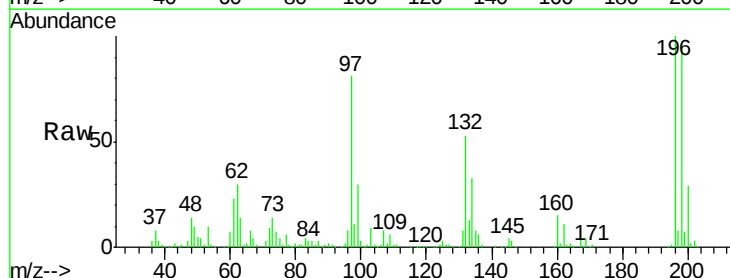


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

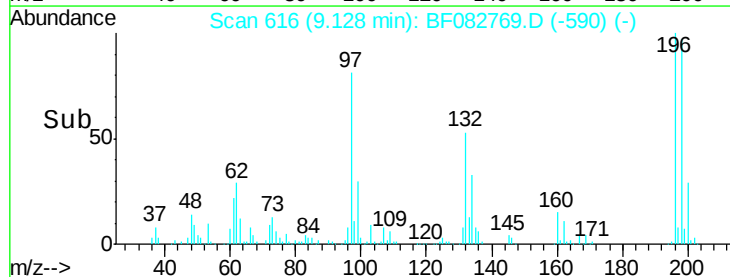
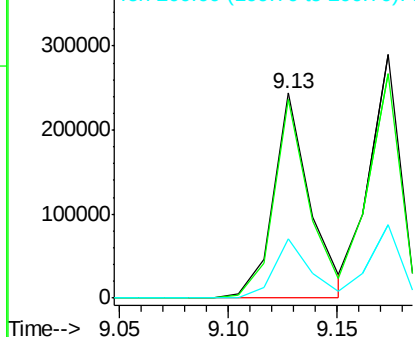


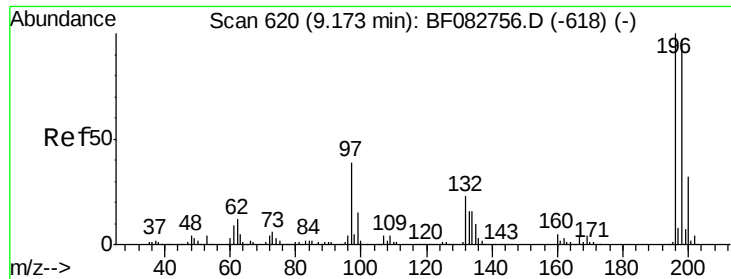
#42
 2,4,6-Trichlorophenol
 Concen: 35.94 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Tgt Ion:196 Resp: 286755
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.3 114.5
 200 28.9 23.9 35.9



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

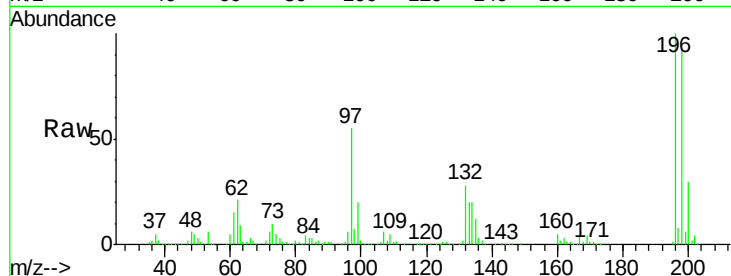




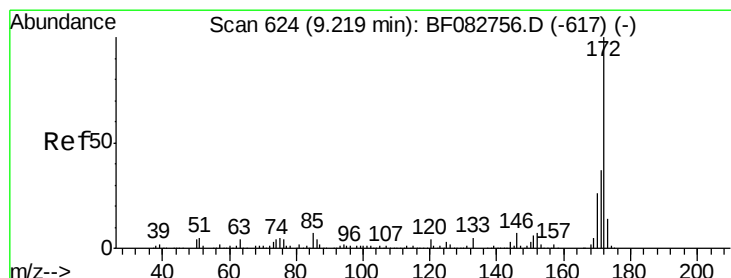
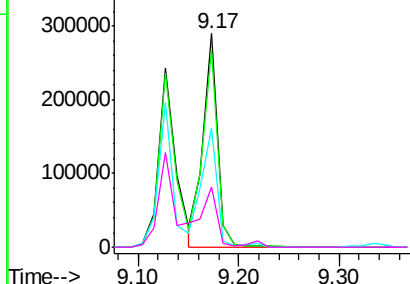
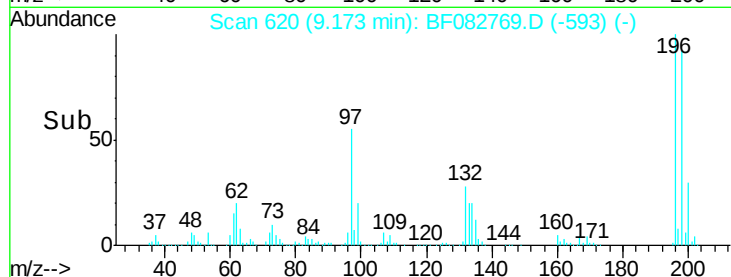
#43
 2,4,5-Trichlorophenol
 Concen: 37.31 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BSD

Tgt Ion:196 Resp: 294368
 Ion Ratio Lower Upper
 196 100
 198 92.1 75.8 113.8
 97 55.5 62.3 93.5#
 132 28.0 27.4 41.2

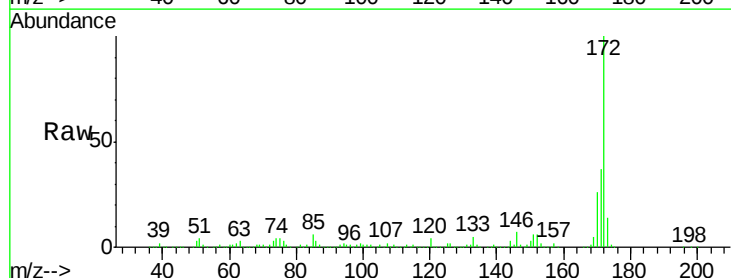


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

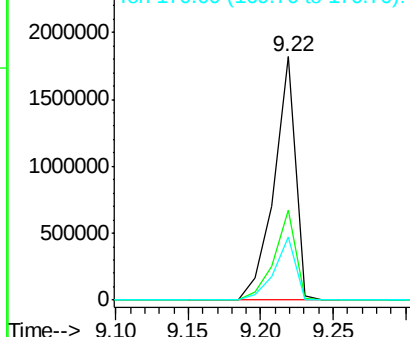
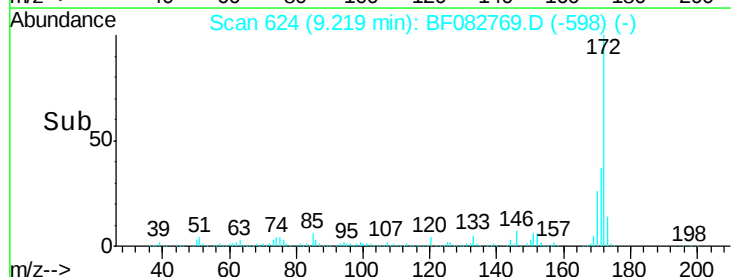


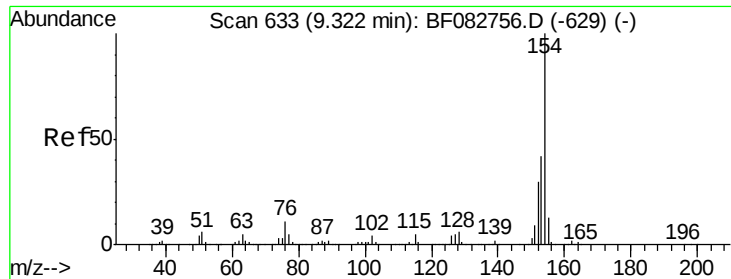
#44
 2-Fluorobiphenyl
 Concen: 82.10 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Tgt Ion:172 Resp: 1863132
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 25.7 21.2 31.8



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

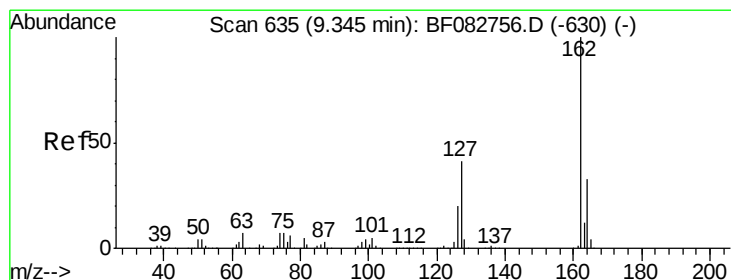
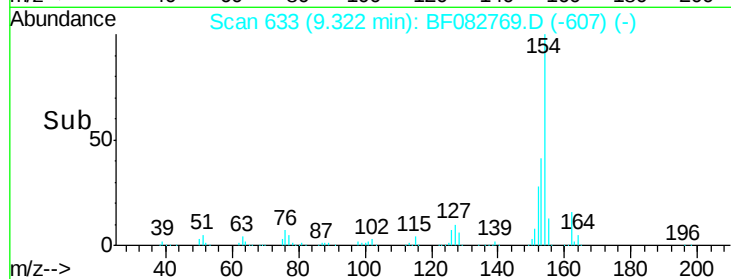
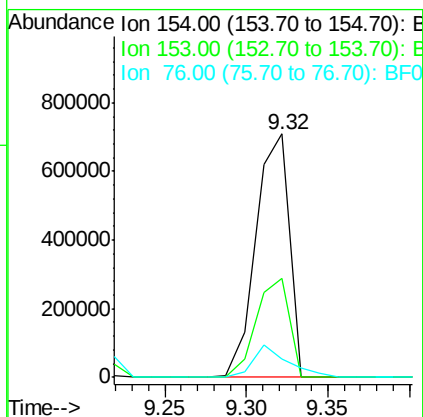
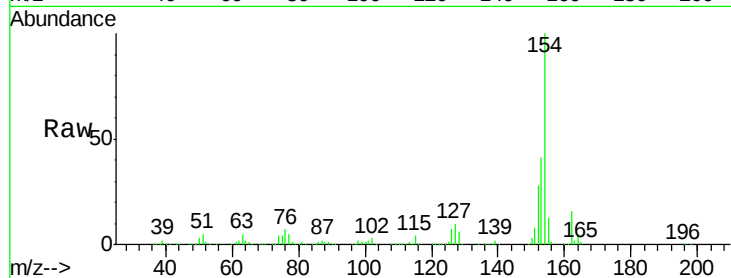




#45
 1,1'-Biphenyl
 Concen: 36.07 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

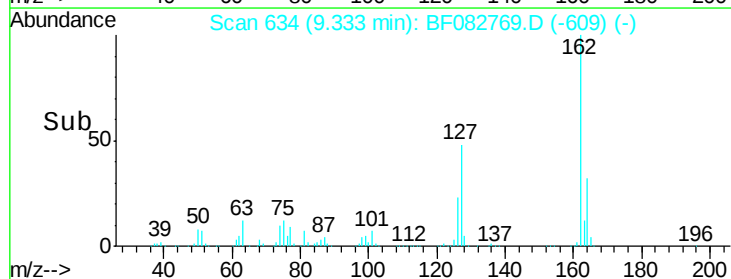
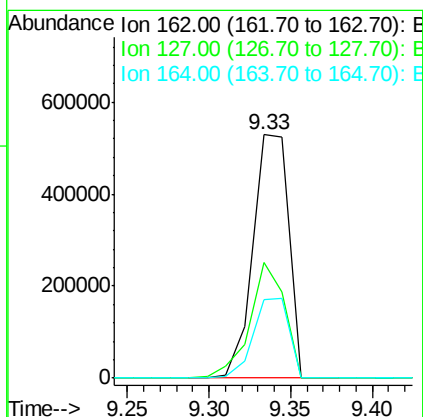
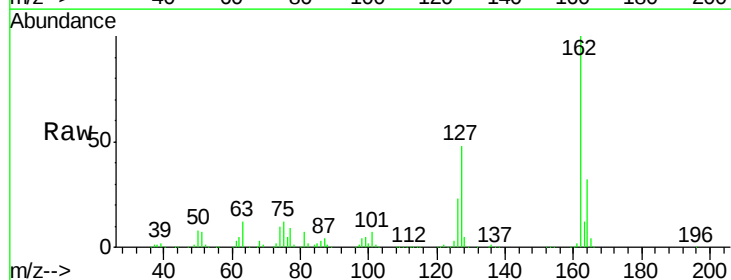
Instrument :
 BNA_F
 ClientSampleId :
 PB86421BSD

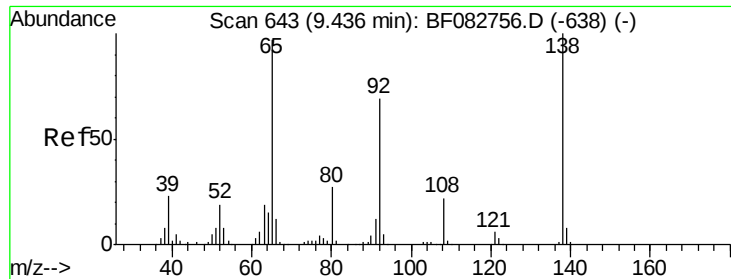
Tgt Ion:154 Resp: 1006660
 Ion Ratio Lower Upper
 154 100
 153 40.6 22.0 62.0
 76 7.3 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 37.04 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Tgt Ion:162 Resp: 806246
 Ion Ratio Lower Upper
 162 100
 127 47.6 32.7 49.1
 164 32.3 27.4 41.0

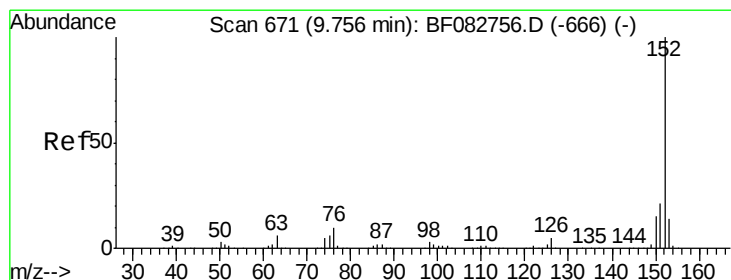
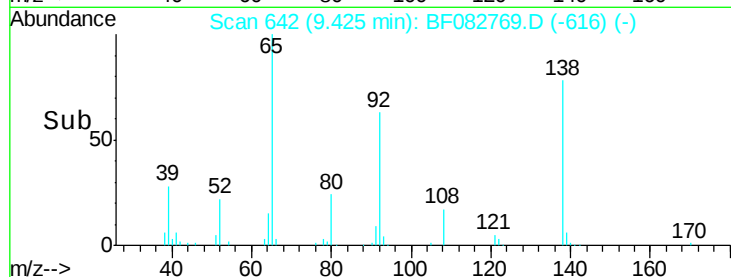
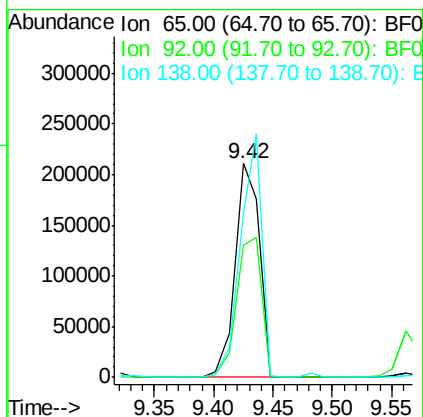
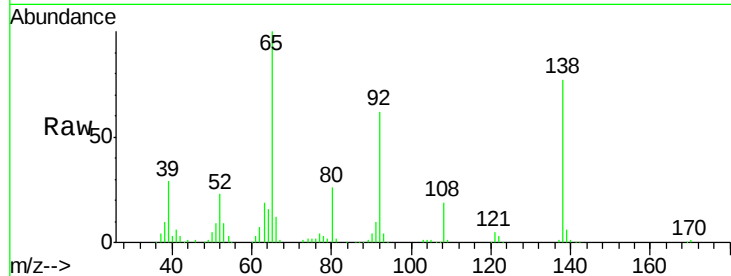




#47
2-Nitroaniline
Concen: 37.16 ng
RT: 9.42 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

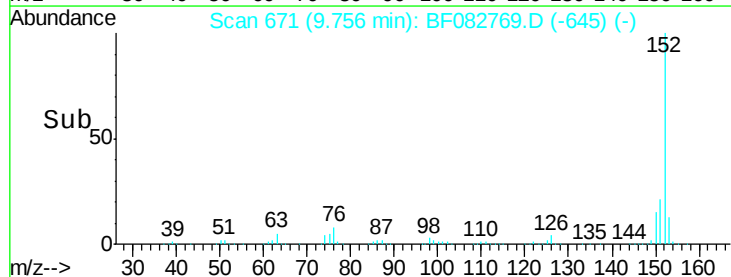
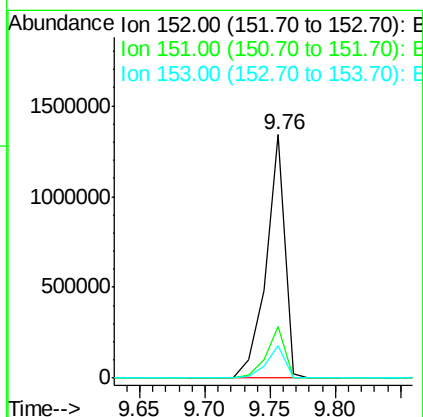
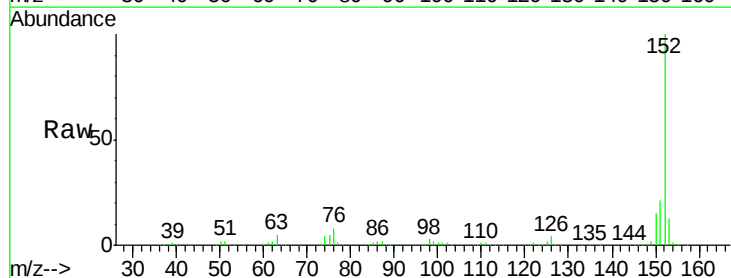
Instrument :
BNA_F
ClientSampleId :
PB86421BSD

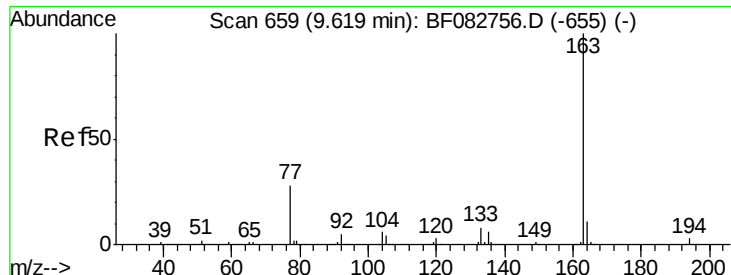
Tgt Ion: 65 Resp: 300129
Ion Ratio Lower Upper
65 100
92 62.0 46.6 70.0
138 76.5 54.6 81.8



#48
Acenaphthylene
Concen: 39.16 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

Tgt Ion: 152 Resp: 1336194
Ion Ratio Lower Upper
152 100
151 21.1 17.3 25.9
153 13.5 11.3 16.9

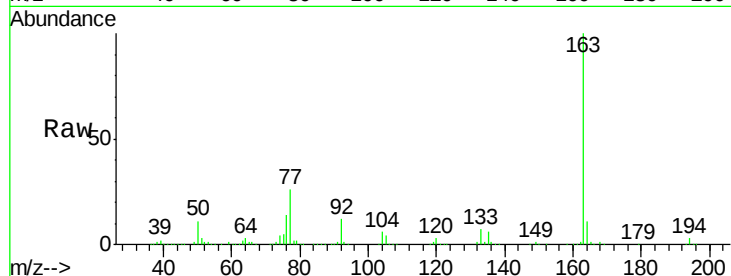




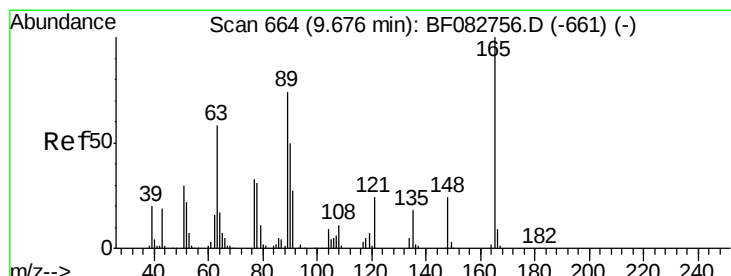
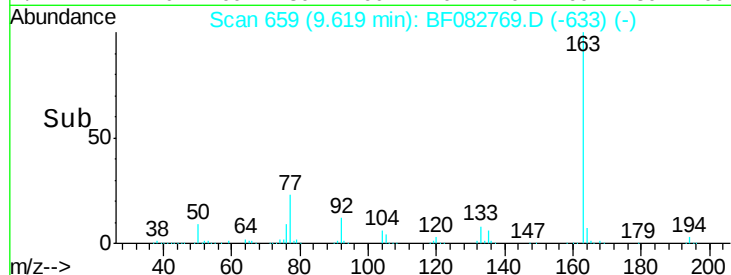
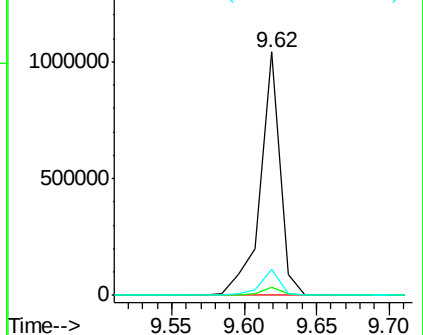
#49
Dimethylphthalate
Concen: 36.89 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB86421BSD

Tgt Ion:163 Resp: 983050
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.6 8.7 13.1

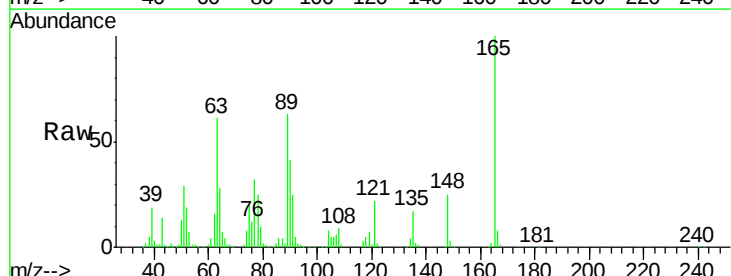


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

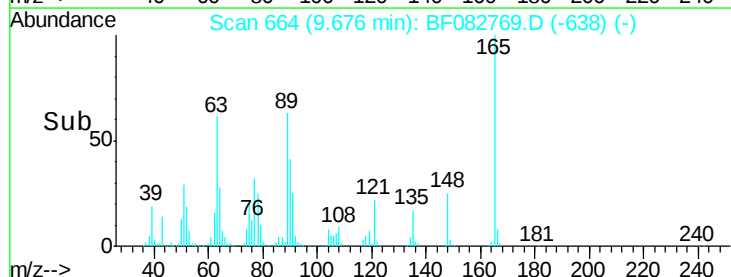
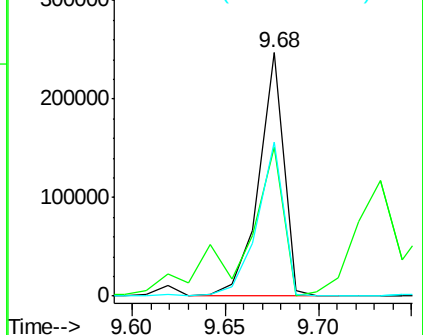


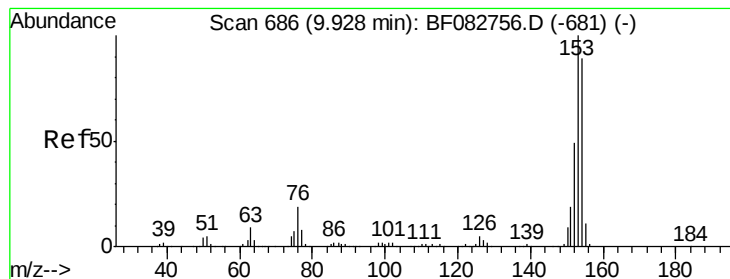
#50
2,6-Dinitrotoluene
Concen: 40.19 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

Tgt Ion:165 Resp: 228512
Ion Ratio Lower Upper
165 100
63 61.4 55.5 83.3
89 63.2 55.0 82.6



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: 46.54 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB86421BSD

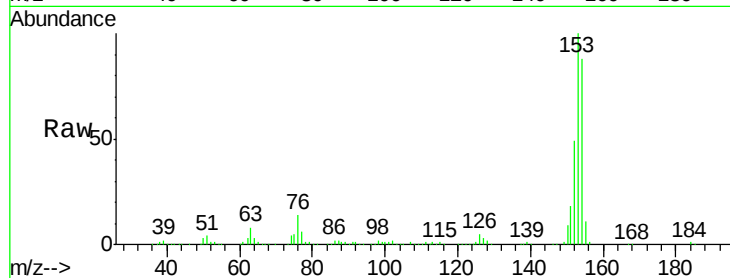
Tgt Ion:154 Resp: 1006451

Ion Ratio Lower Upper

154 100

153 113.9 90.1 135.1

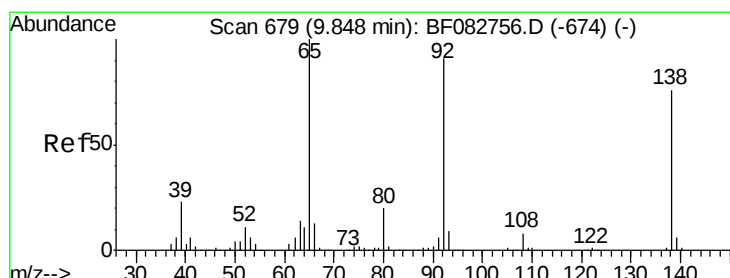
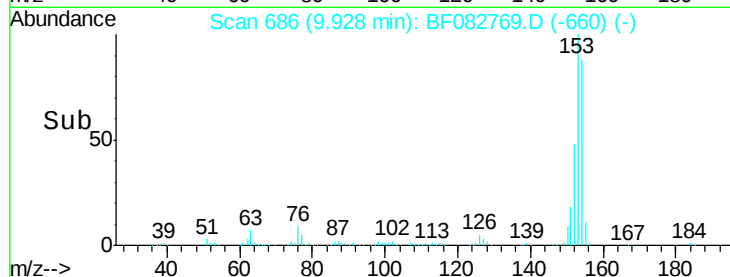
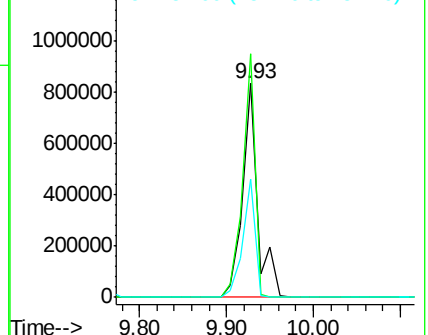
152 55.3 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.03 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

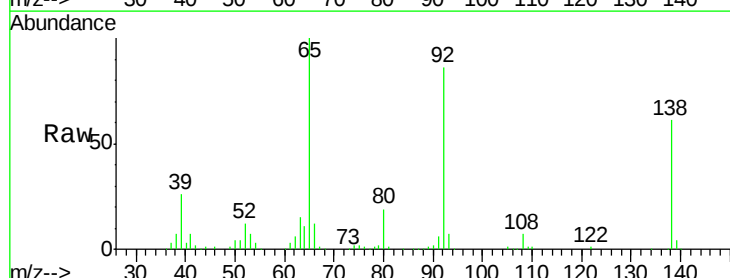
Tgt Ion:138 Resp: 100211

Ion Ratio Lower Upper

138 100

108 12.2 11.3 16.9

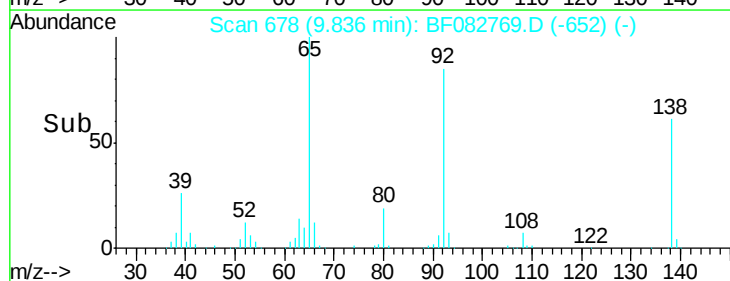
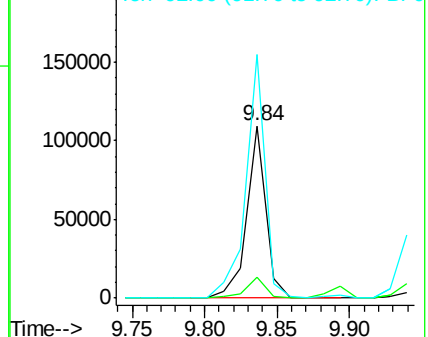
92 141.4 122.4 183.6

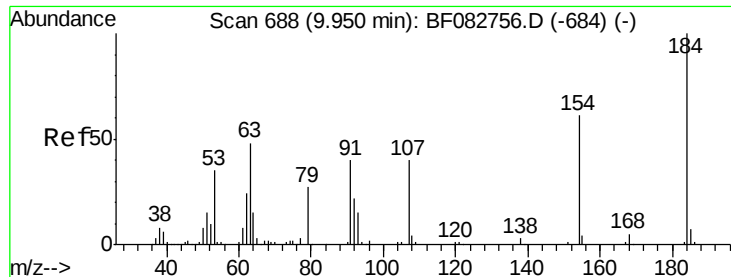


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

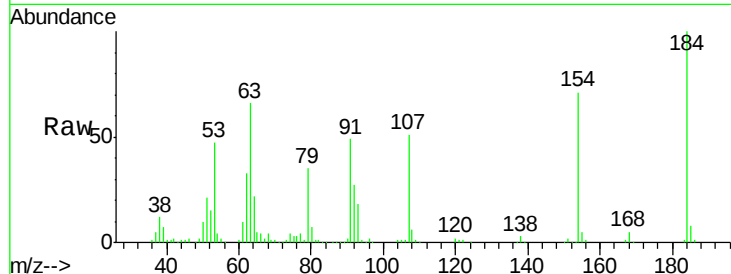




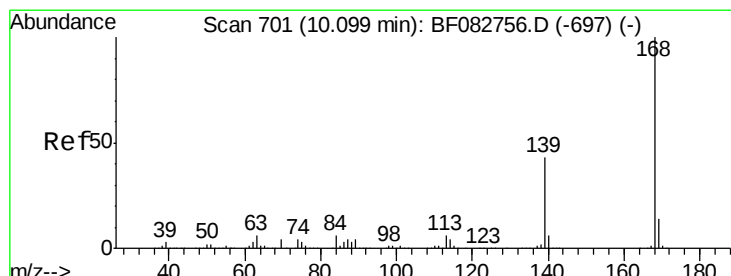
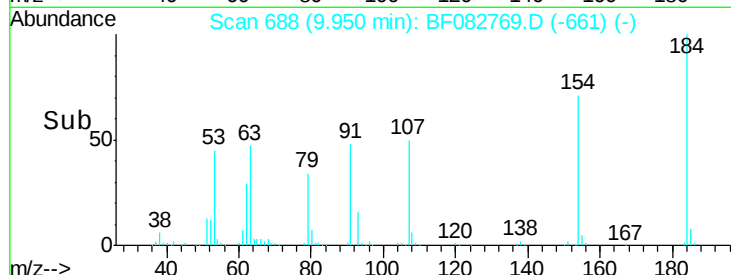
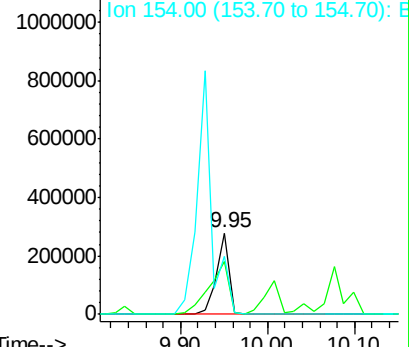
#53
 2,4-Dinitrophenol
 Concen: 89.69 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BSD

Tgt Ion:184 Resp: 279986
 Ion Ratio Lower Upper
 184 100
 63 65.6 98.6 148.0#
 154 71.2 183.9 275.9#

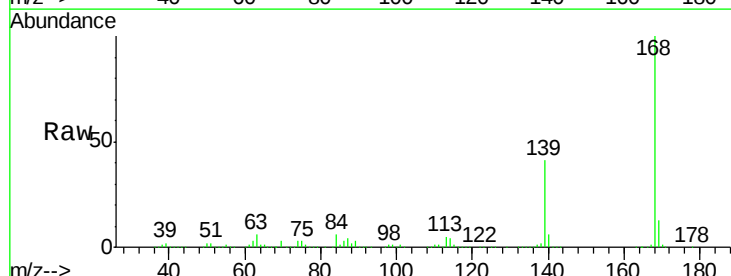


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

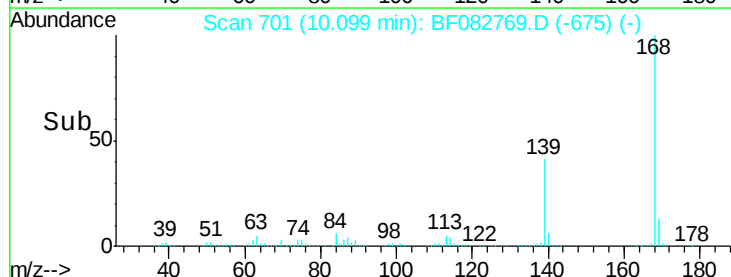
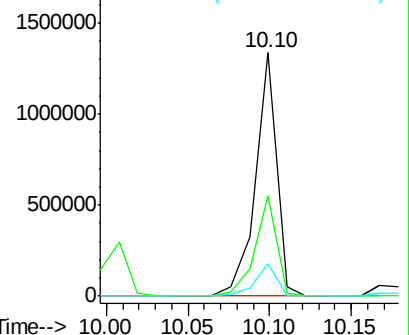


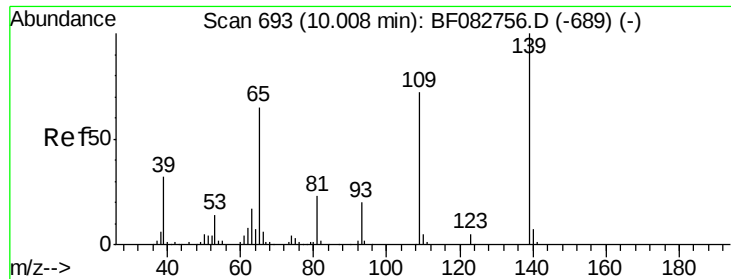
#54
 Dibenzofuran
 Concen: 41.63 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Tgt Ion:168 Resp: 1213539
 Ion Ratio Lower Upper
 168 100
 139 41.4 37.8 56.6
 169 13.4 11.3 16.9



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

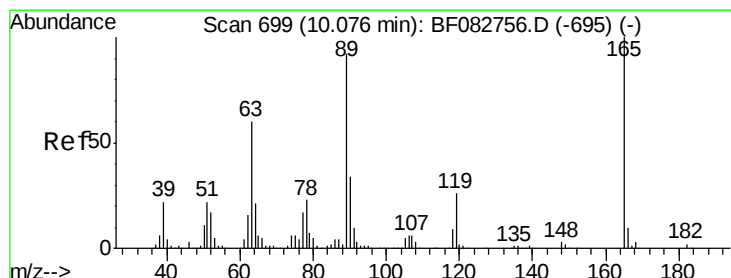
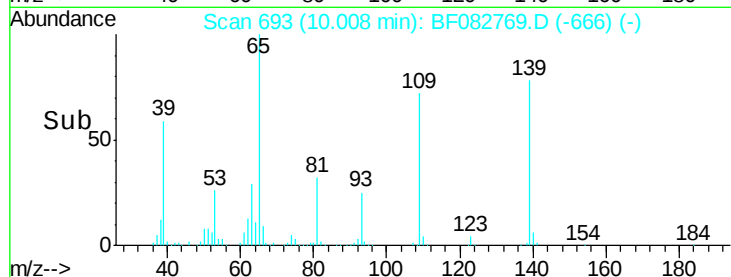
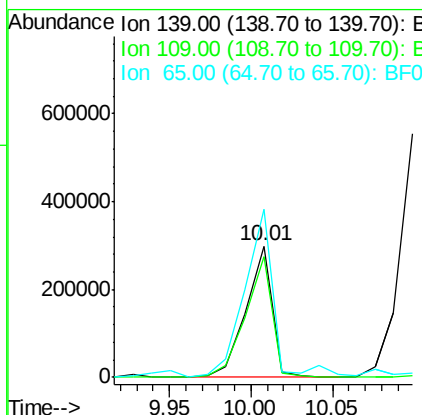
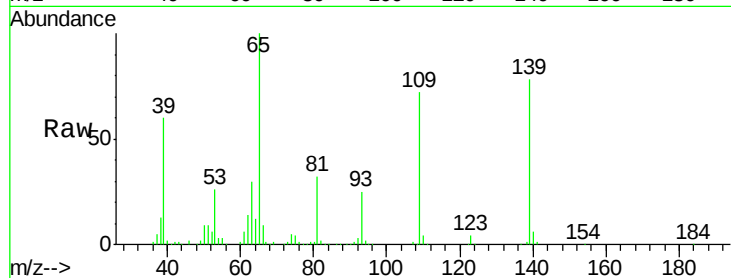




#55
4-Nitrophenol
Concen: 70.41 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

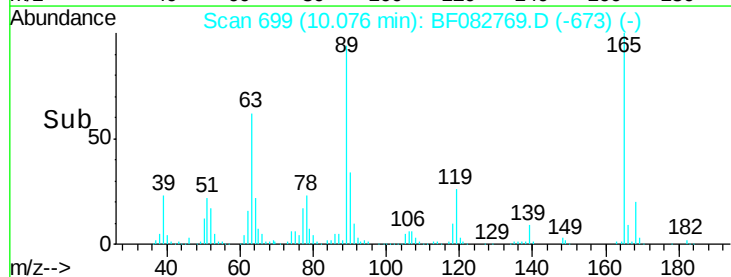
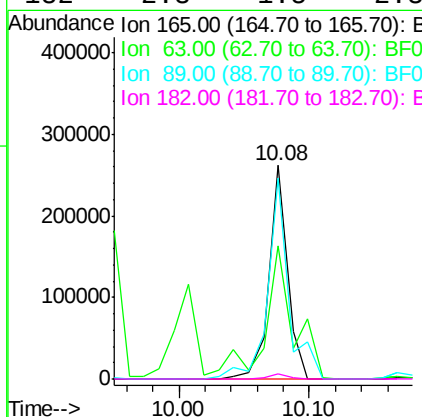
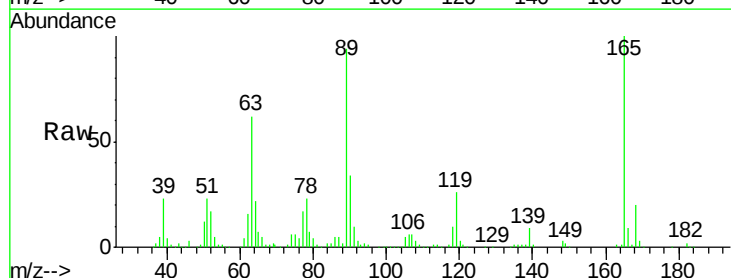
Instrument :
BNA_F
ClientSampleId :
PB86421BSD

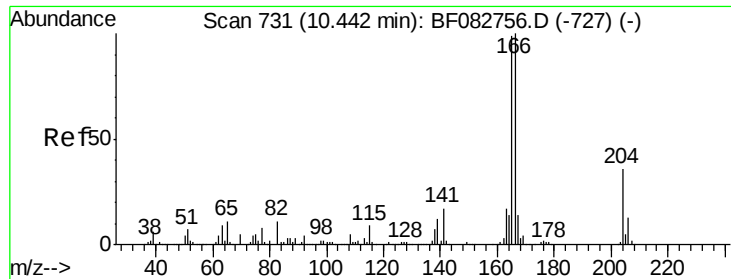
Tgt Ion:139 Resp: 337784
Ion Ratio Lower Upper
139 100
109 92.4 73.7 113.7
65 128.2 82.9 122.9#



#56
2,4-Dinitrotoluene
Concen: 33.99 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

Tgt Ion:165 Resp: 262238
Ion Ratio Lower Upper
165 100
63 62.2 43.4 65.0
89 94.3 70.6 106.0
182 2.3 1.5 2.3#





#57

Fluorene

Concen: 57.47 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB86421BSD

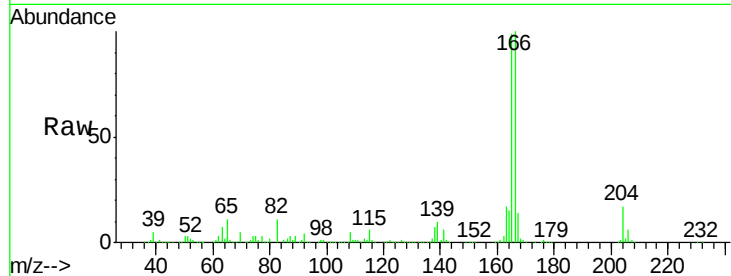
Tgt Ion:166 Resp: 1356783

Ion Ratio Lower Upper

166 100

165 99.5 80.2 120.4

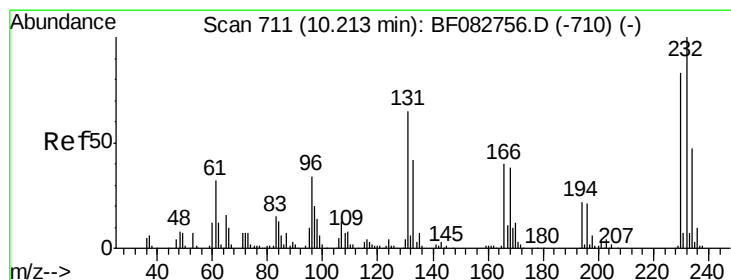
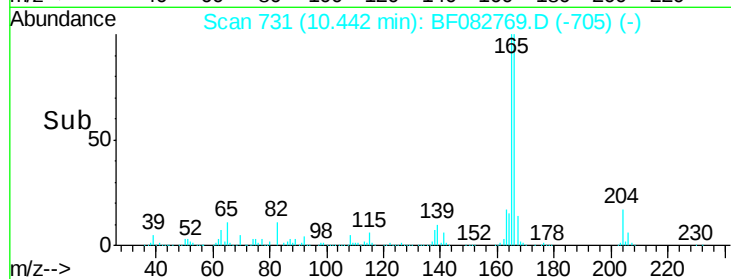
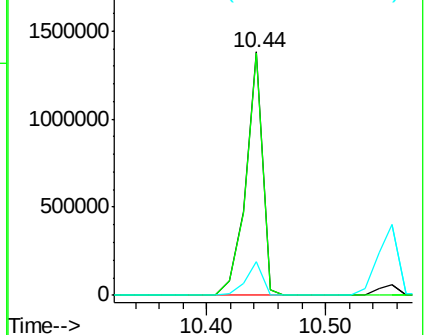
167 14.0 11.2 16.8



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: 50.85 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Tgt Ion:232 Resp: 327490

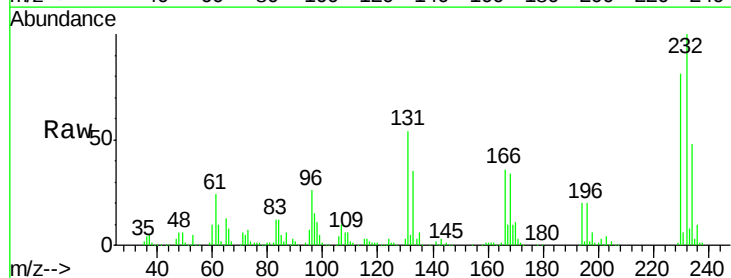
Ion Ratio Lower Upper

232 100

131 48.0 46.2 69.2

130 2.4 2.4 3.6#

166 31.6 28.2 42.2

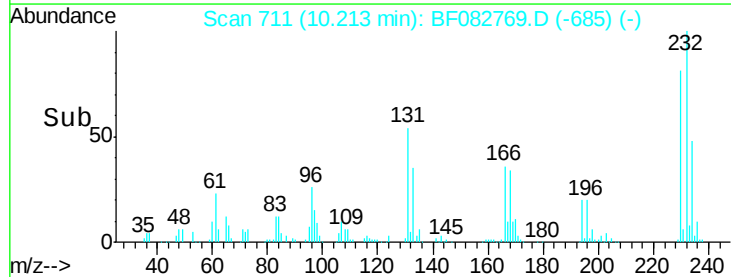
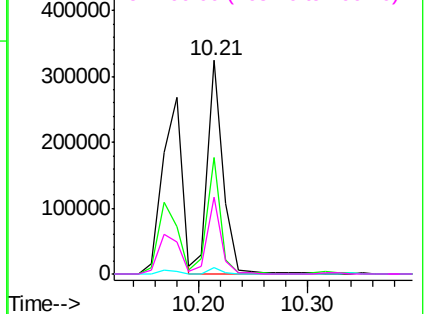


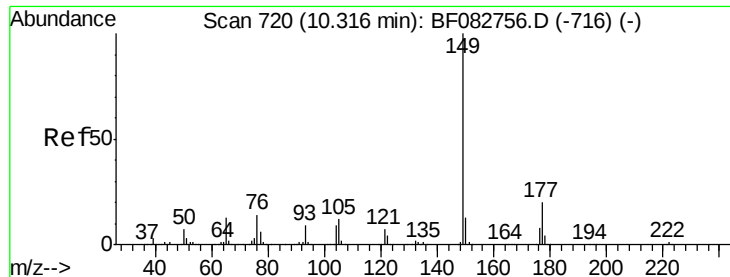
Abundance Ion 232.00 (231.70 to 232.70): E

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

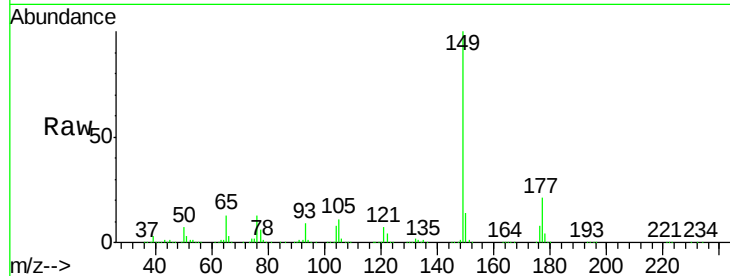




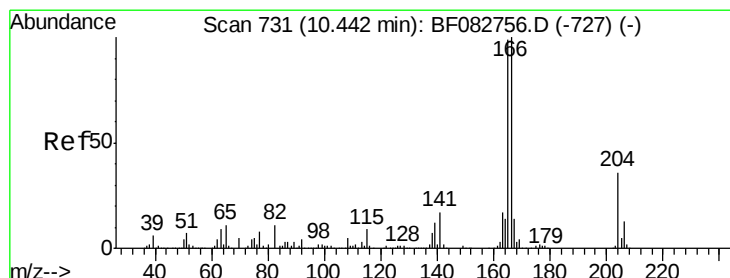
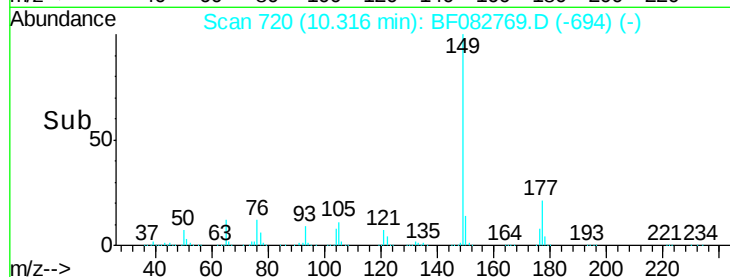
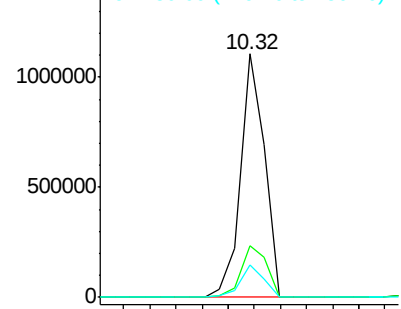
#59
Diethylphthalate
Concen: 54.41 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

Instrument :
BNA_F
ClientSampled :
PB86421BSD

Tgt Ion:149 Resp: 1415554
Ion Ratio Lower Upper
149 100
177 21.3 17.9 26.9
150 13.5 10.1 15.1

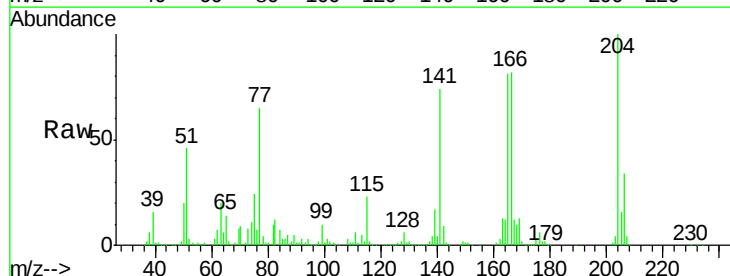


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

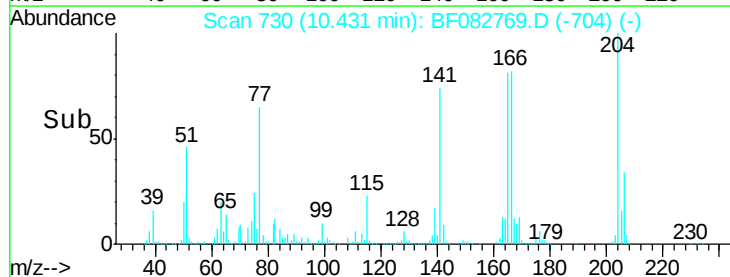
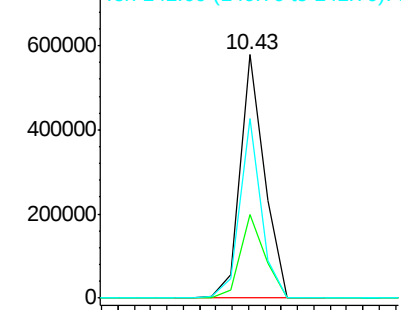


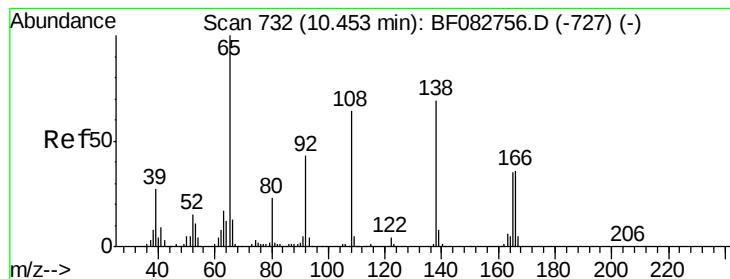
#60
4-Chlorophenyl-phenylether
Concen: 50.53 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

Tgt Ion:204 Resp: 596969
Ion Ratio Lower Upper
204 100
206 34.1 28.5 42.7
141 73.7 44.6 66.8#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.57 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB86421BSD

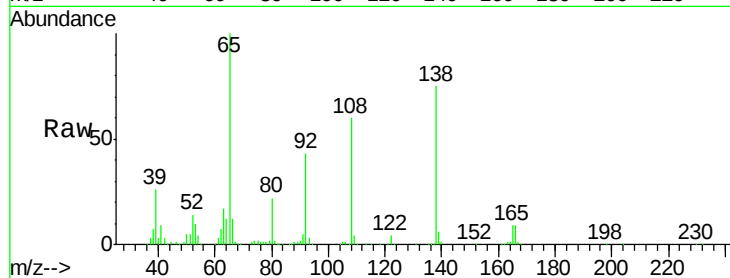
Tgt Ion:138 Resp: 305436

Ion Ratio Lower Upper

138 100

92 56.9 45.8 85.8

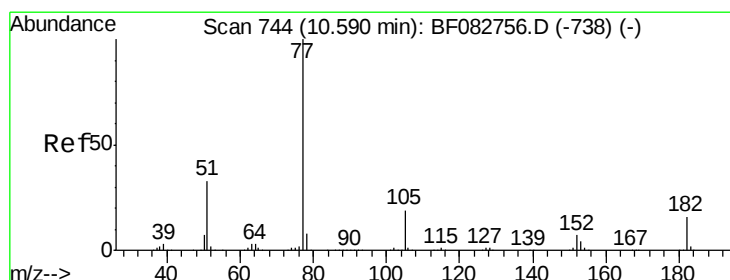
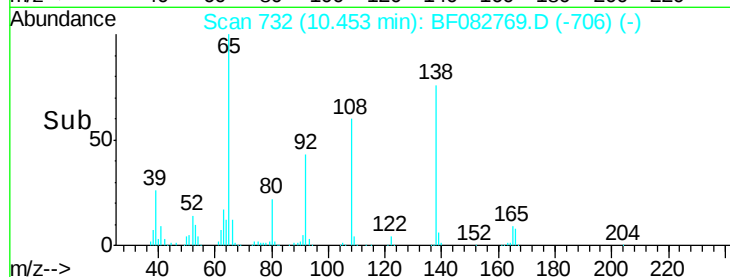
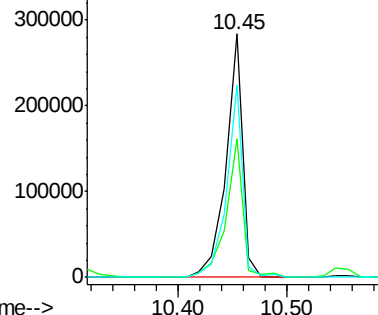
108 79.2 89.4 129.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 59.54 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Tgt Ion: 77 Resp: 1664009

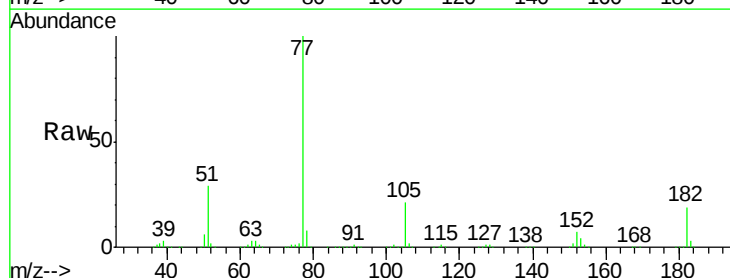
Ion Ratio Lower Upper

77 100

182 18.5 9.3 49.3

105 21.3 2.6 42.6

51 29.4 9.9 49.9

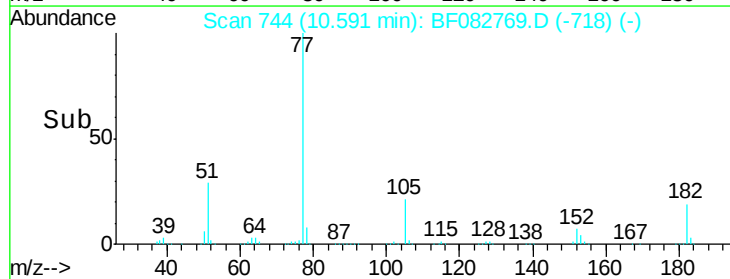
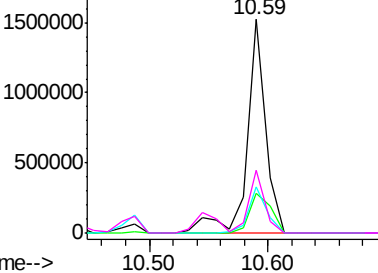


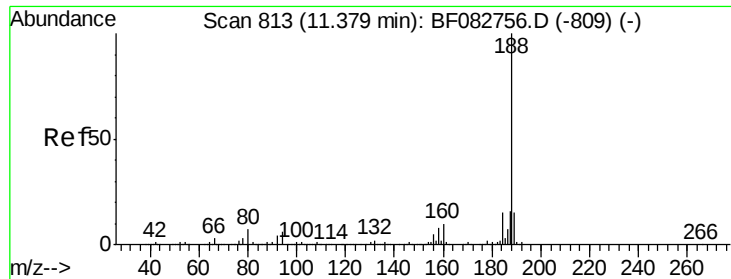
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB86421BSD

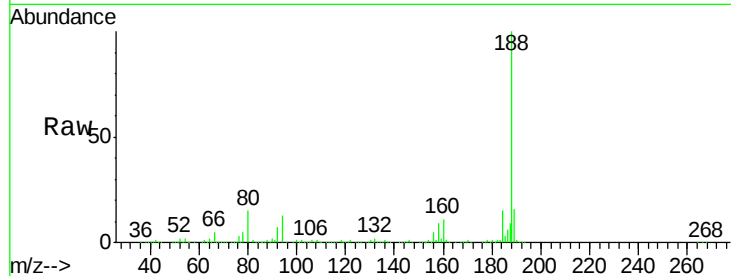
Tgt Ion:188 Resp: 915511

Ion Ratio Lower Upper

188 100

94 13.0 6.1 9.1#

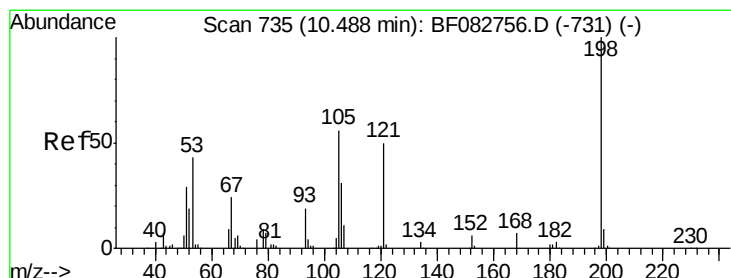
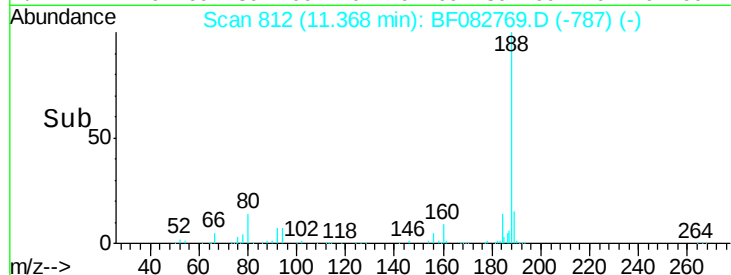
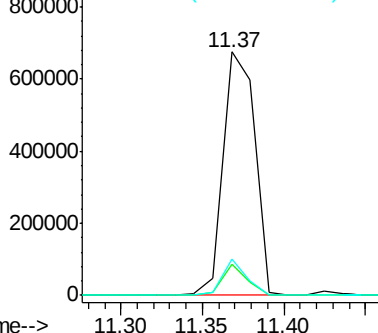
80 15.1 7.0 10.6#



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: 43.56 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

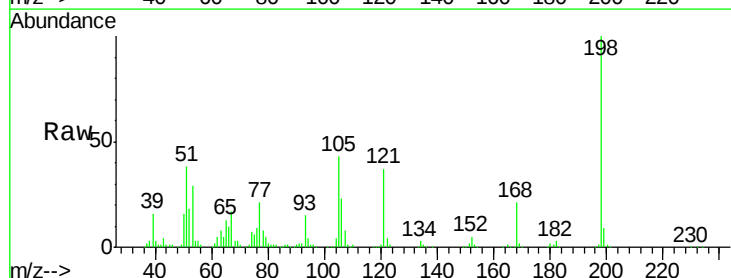
Tgt Ion:198 Resp: 284086

Ion Ratio Lower Upper

198 100

51 37.9 17.3 57.3

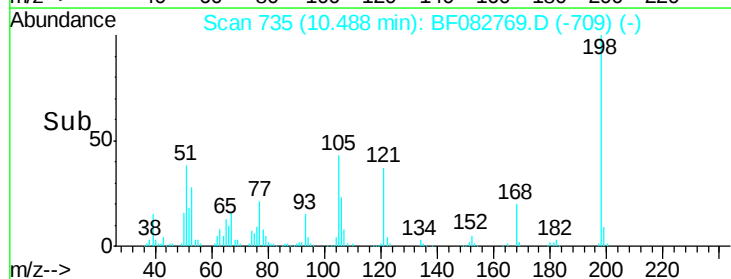
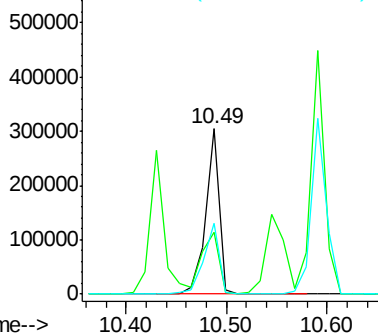
105 43.0 21.7 61.7

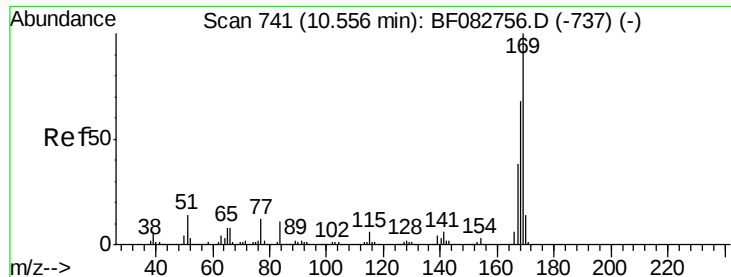


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.10 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB86421BSD

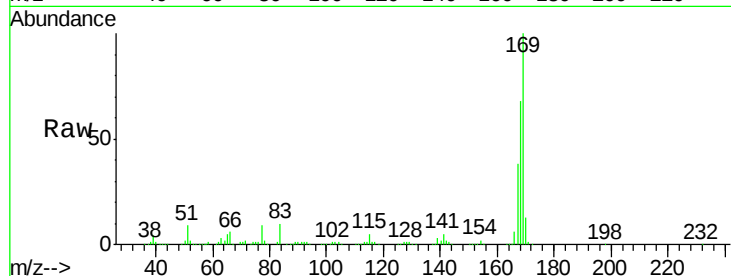
Tgt Ion:169 Resp: 1260247

Ion Ratio Lower Upper

169 100

168 67.9 55.0 82.6

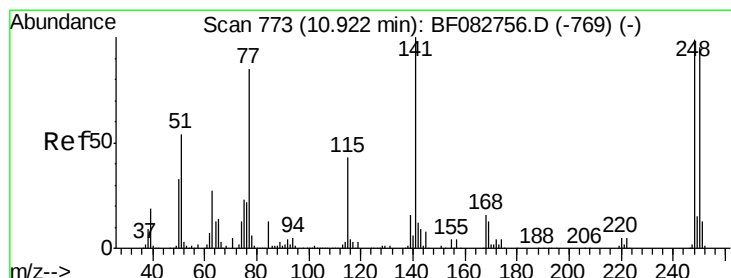
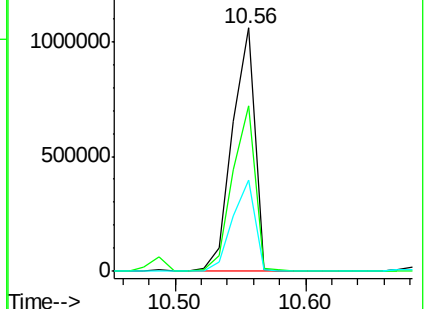
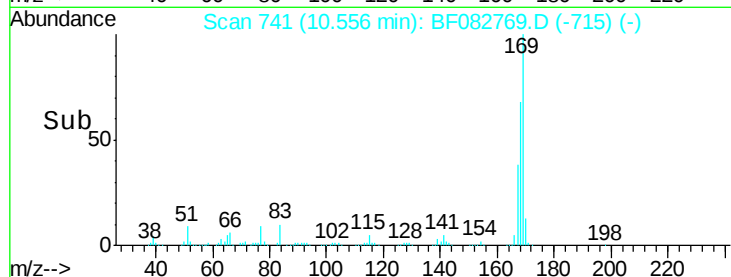
167 37.6 30.5 45.7



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: 36.44 ng

RT: 10.92 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

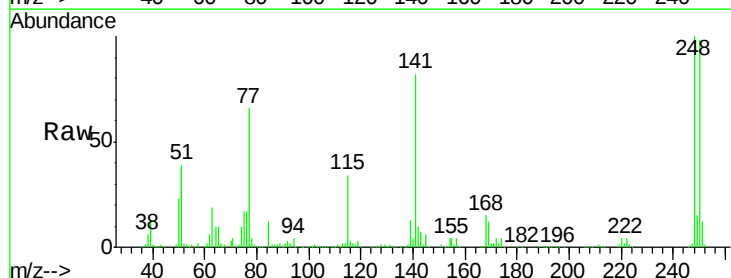
Tgt Ion:248 Resp: 401759

Ion Ratio Lower Upper

248 100

250 97.7 79.4 119.2

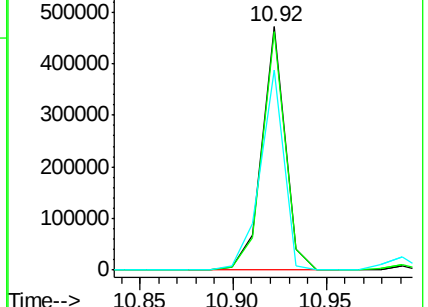
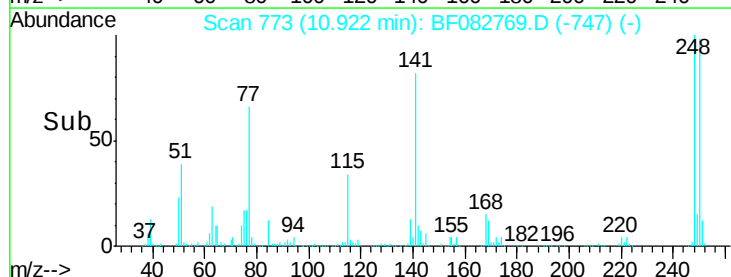
141 81.9 36.3 54.5#

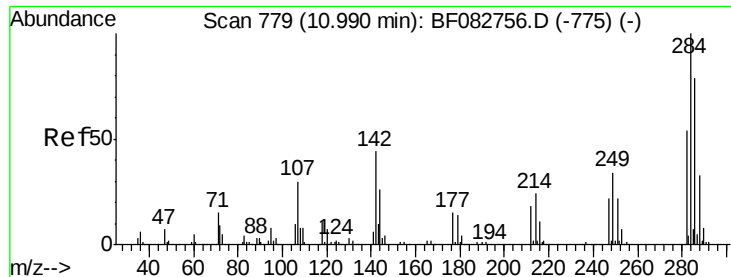


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

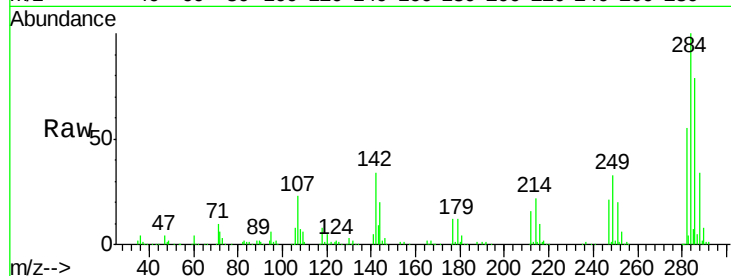




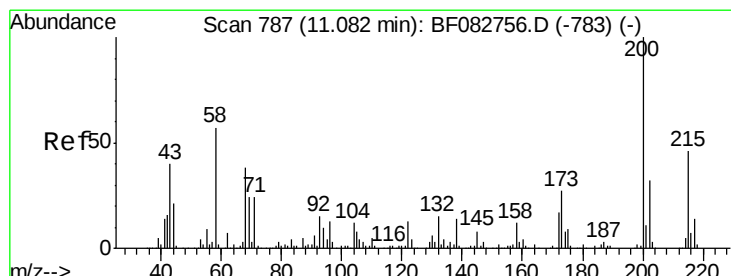
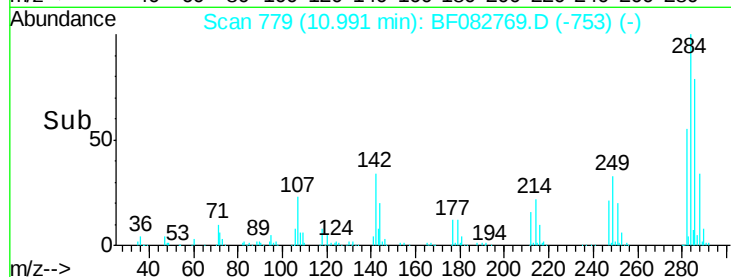
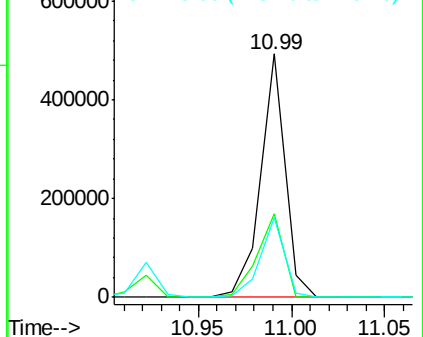
#67
Hexachlorobenzene
Concen: 36.09 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

Instrument :
BNA_F
ClientSampleId :
PB86421BSD

Tgt Ion:284 Resp: 444230
Ion Ratio Lower Upper
284 100
142 34.4 47.9 71.9#
249 32.8 29.7 44.5

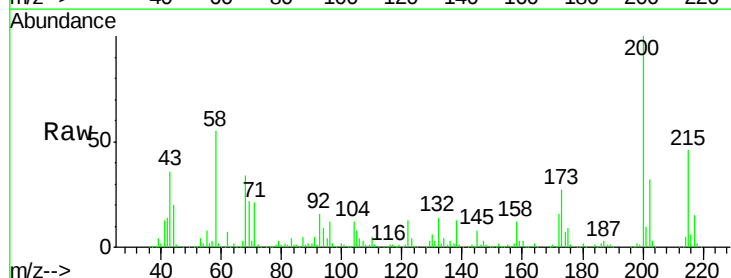


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

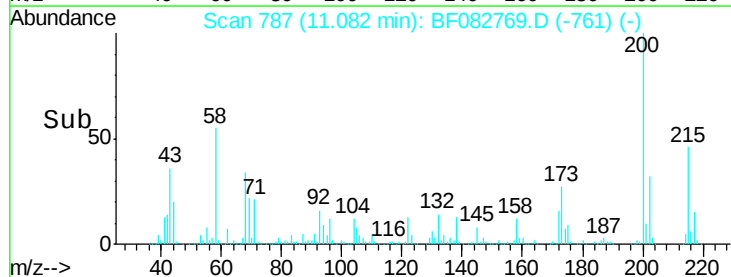
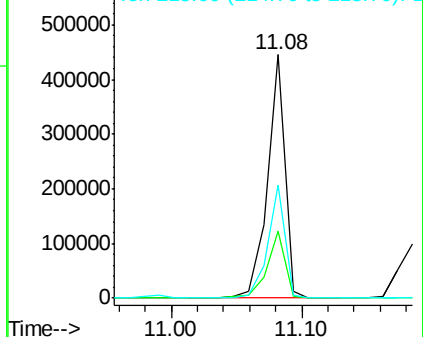


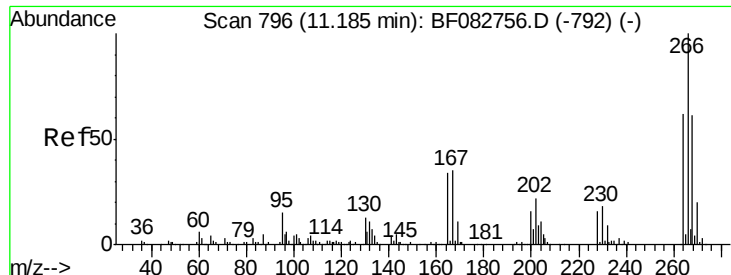
#68
Atrazine
Concen: 40.89 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF082769.D
Acq: 6 Nov 2015 19:00

Tgt Ion:200 Resp: 418186
Ion Ratio Lower Upper
200 100
173 27.5 6.9 46.9
215 46.3 22.9 62.9



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

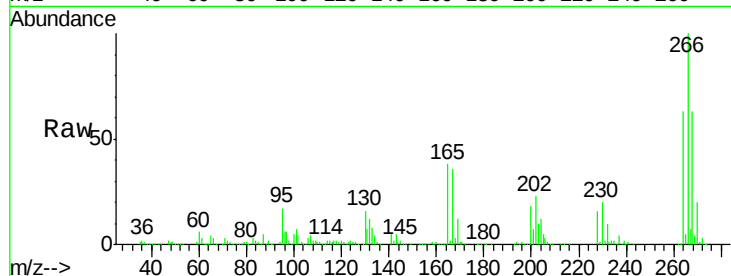




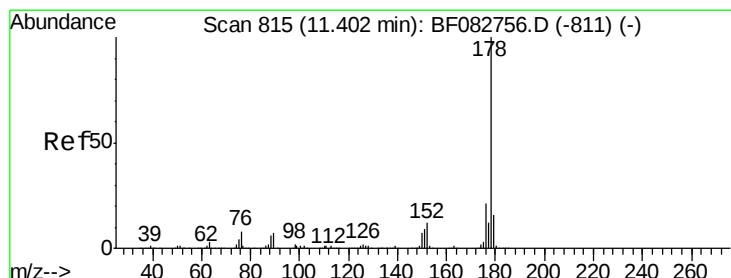
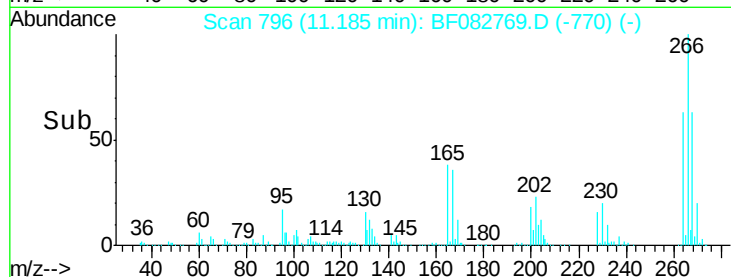
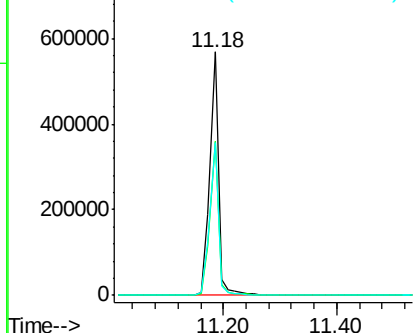
#69
 Pentachlorophenol
 Concen: 78.18 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BSD

Tgt Ion:266 Resp: 584397
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.0 76.6
 264 62.6 50.6 75.8

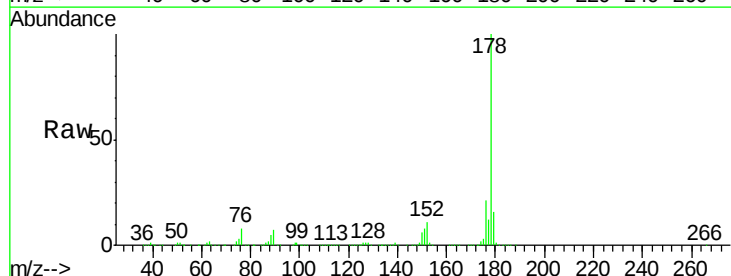


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

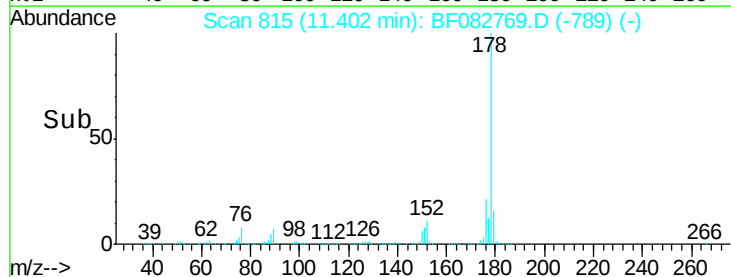
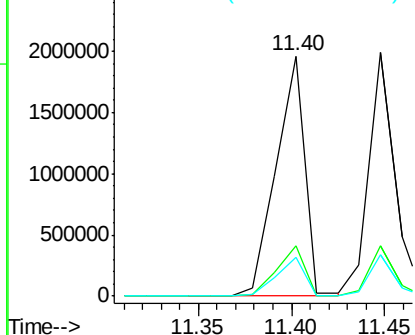


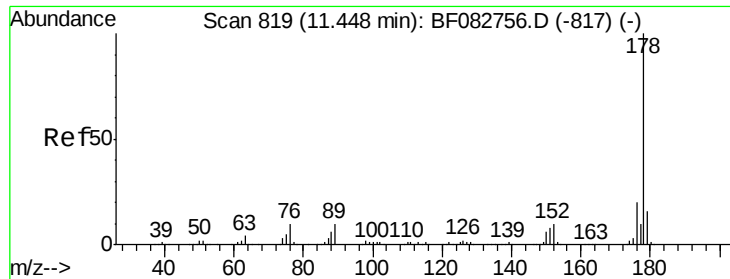
#70
 Phenanthrene
 Concen: 39.43 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Tgt Ion:178 Resp: 2096572
 Ion Ratio Lower Upper
 178 100
 176 20.8 17.0 25.4
 179 16.4 13.4 20.0



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

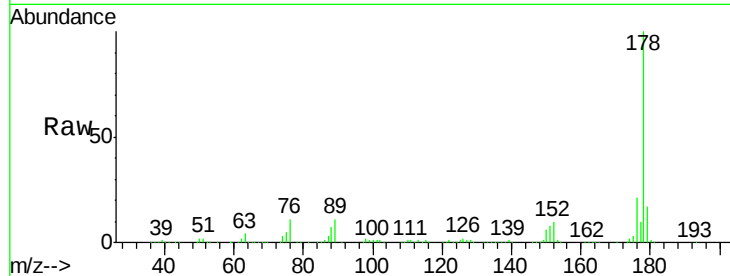




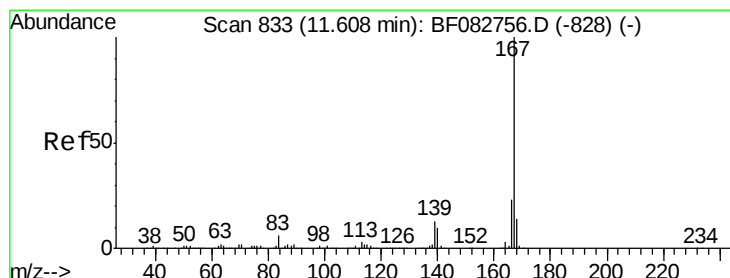
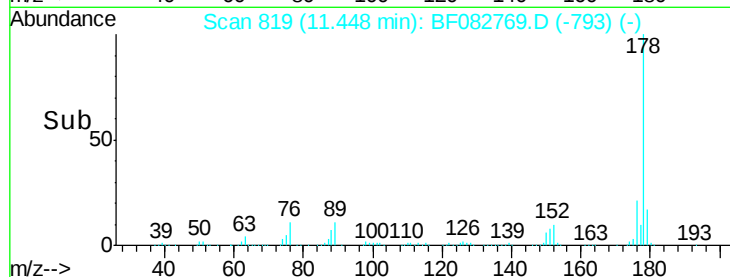
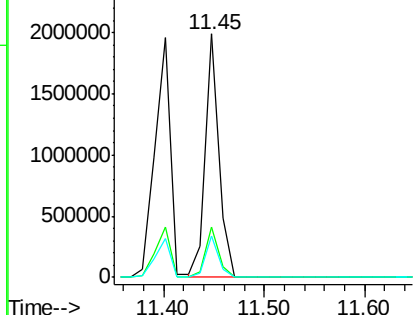
#71
 Anthracene
 Concen: 33.49 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BSD

Tgt Ion:178 Resp: 1875608
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.5 24.7
 179 16.8 13.2 19.8

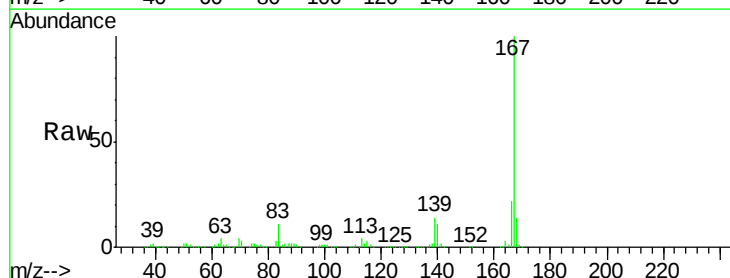


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

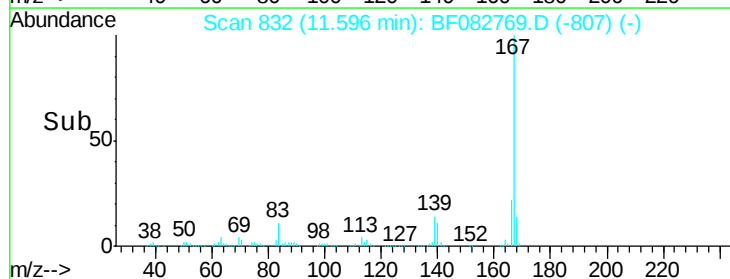
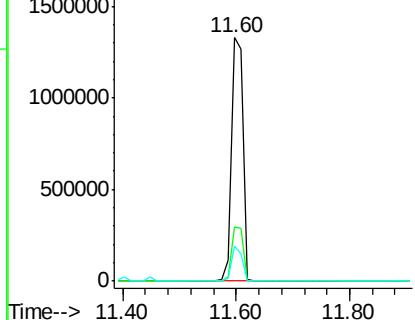


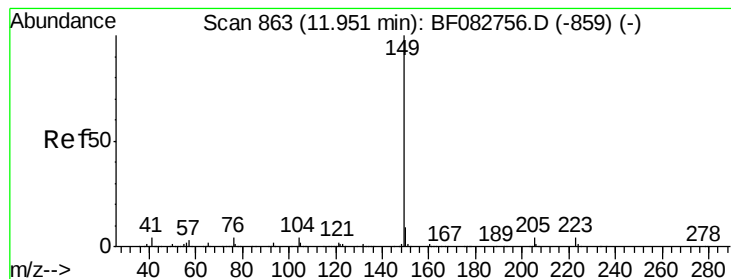
#72
 Carbazole
 Concen: 38.33 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Tgt Ion:167 Resp: 1879264
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.7 28.1
 139 14.3 11.8 17.6



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: 35.00 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB86421BSD

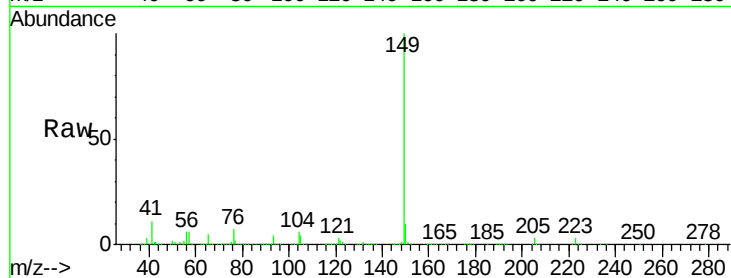
Tgt Ion:149 Resp: 2137732

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

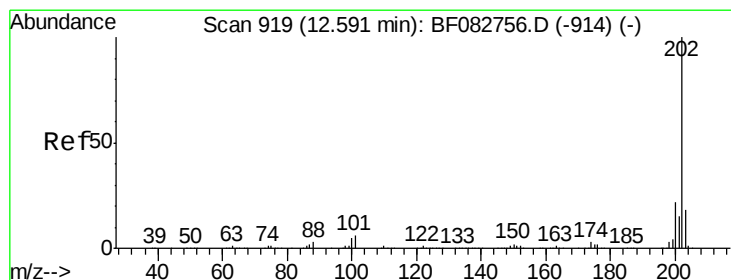
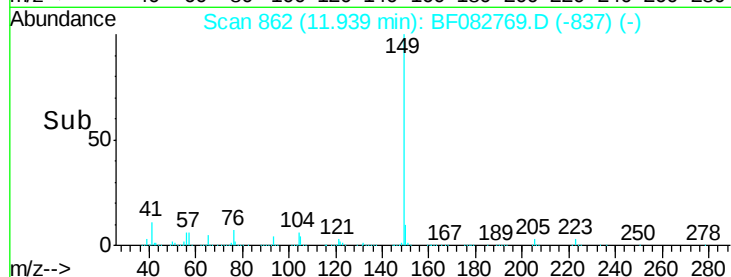
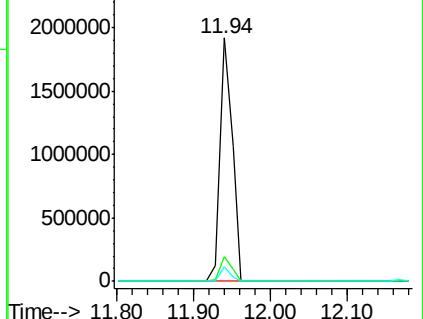
104 6.1 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.08 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

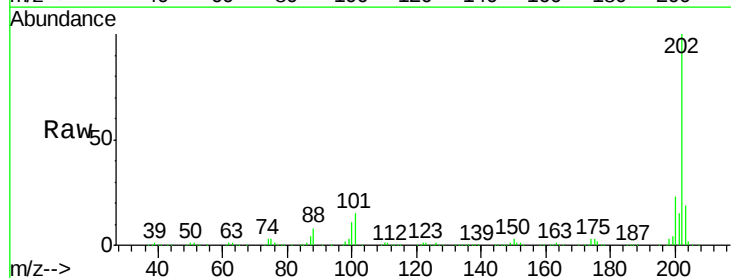
Tgt Ion:202 Resp: 2058682

Ion Ratio Lower Upper

202 100

101 14.6 0.0 30.5

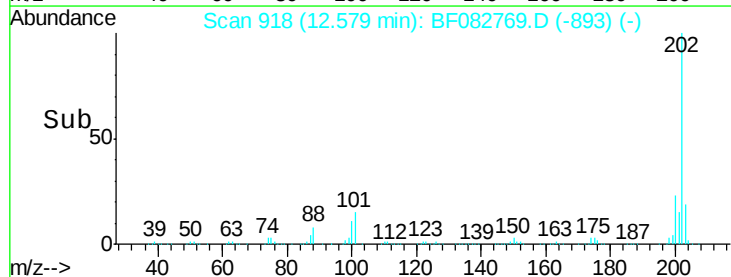
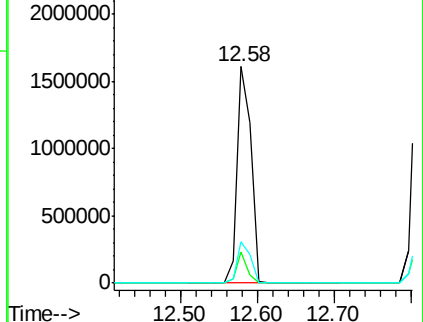
203 19.0 0.0 38.5

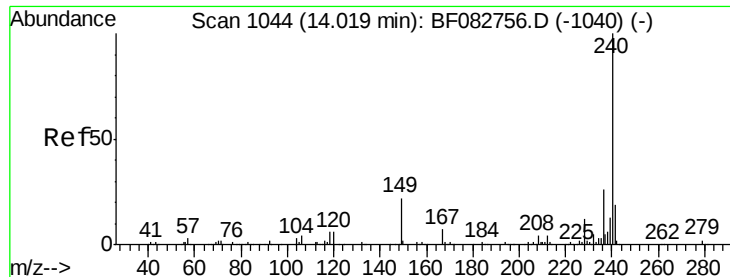


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB86421BSD

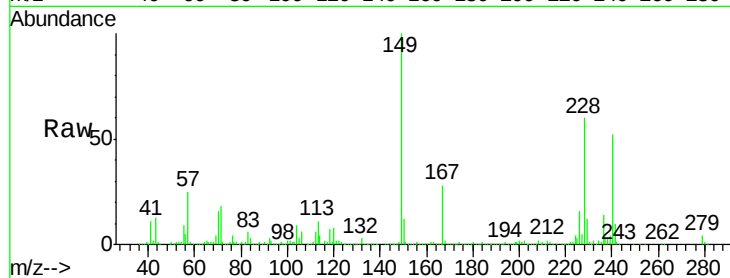
Tgt Ion:240 Resp: 703588

Ion Ratio Lower Upper

240 100

120 14.5 10.9 16.3

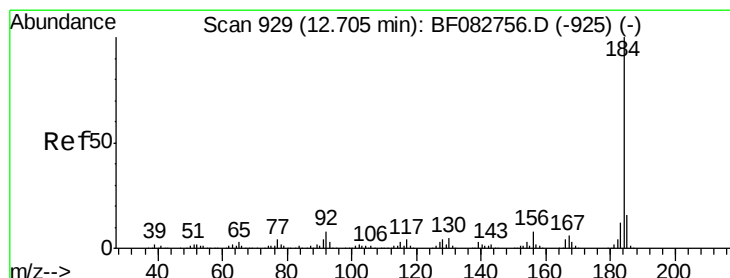
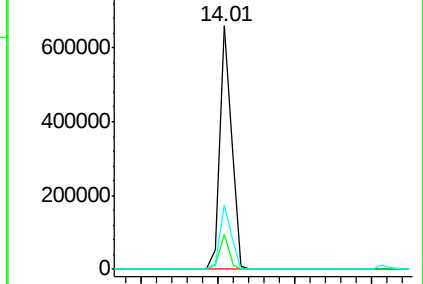
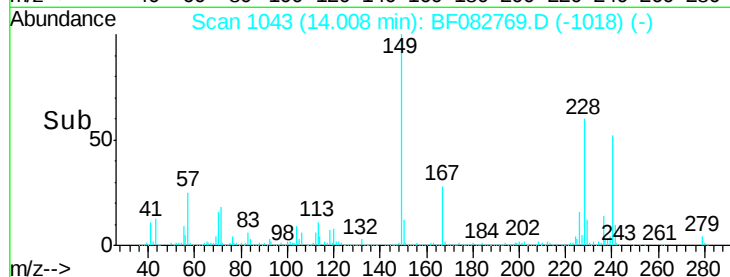
236 26.5 21.6 32.4



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: 26.31 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

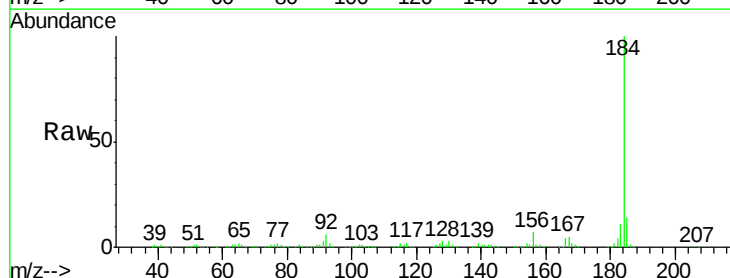
Tgt Ion:184 Resp: 620405

Ion Ratio Lower Upper

184 100

185 14.3 12.0 18.0

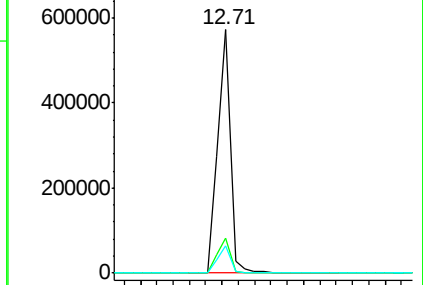
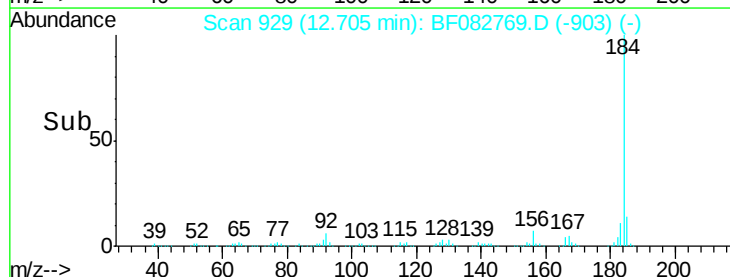
183 11.4 9.6 14.4

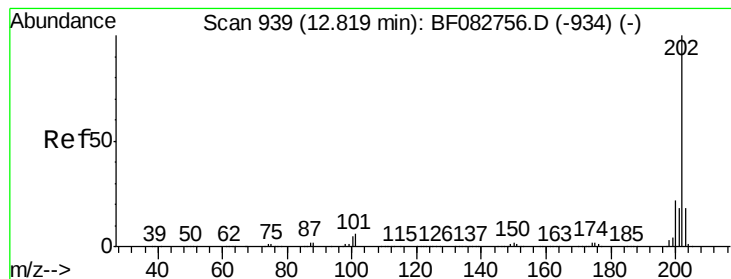


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.01 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB86421BSD

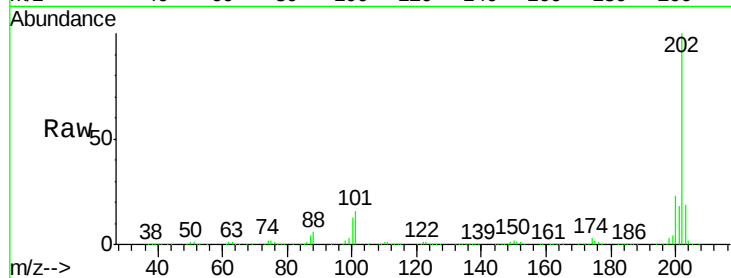
Tgt Ion:202 Resp: 2078279

Ion Ratio Lower Upper

202 100

200 22.6 18.7 28.1

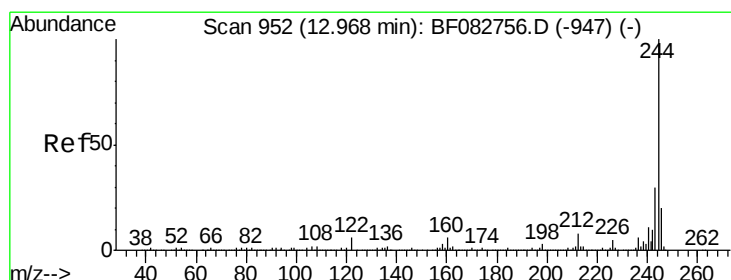
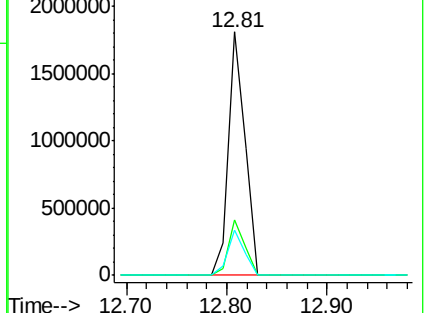
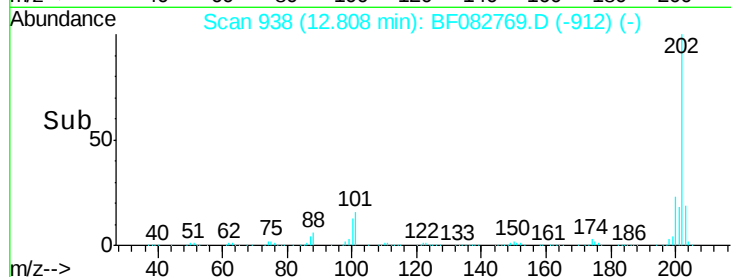
203 18.8 14.8 22.2



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: 83.38 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

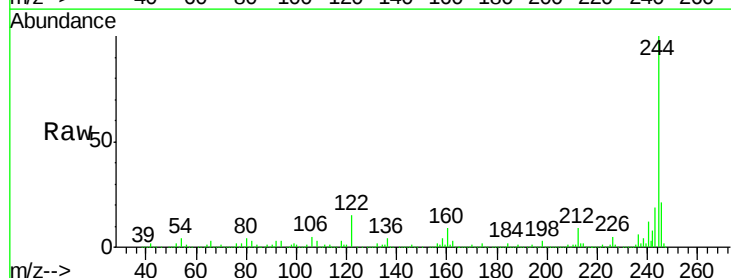
Tgt Ion:244 Resp: 2473570

Ion Ratio Lower Upper

244 100

212 8.5 7.6 11.4

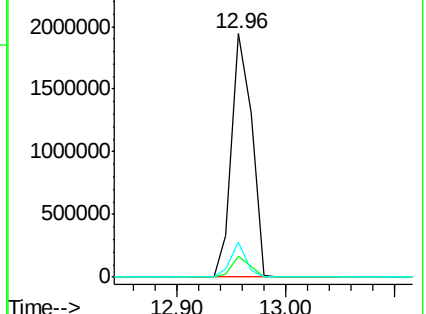
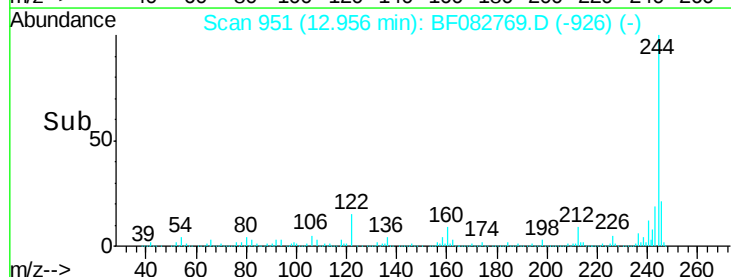
122 14.5 11.3 16.9

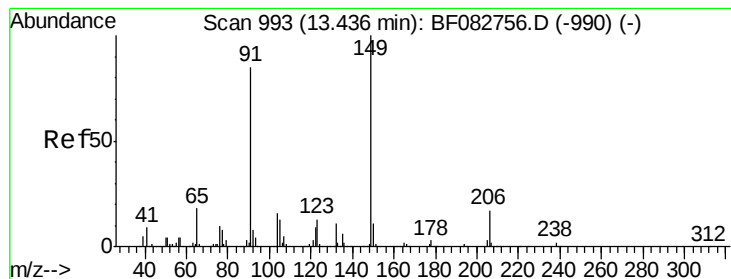


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.19 ng

RT: 13.44 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleID :

PB86421BSD

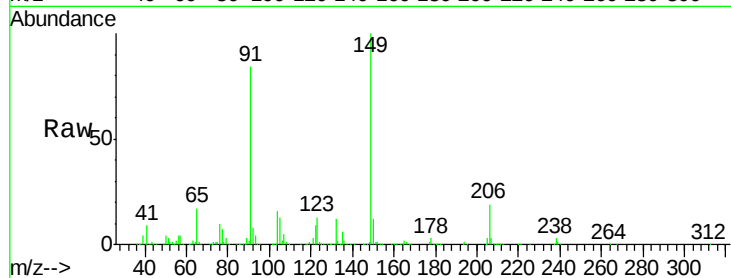
Tgt Ion:149 Resp: 943254

Ion Ratio Lower Upper

149 100

91 83.8 67.7 101.5

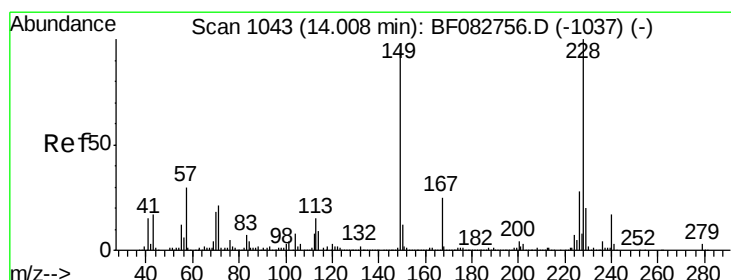
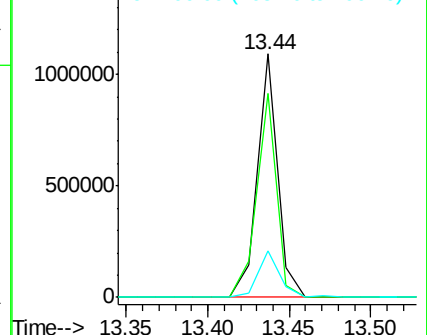
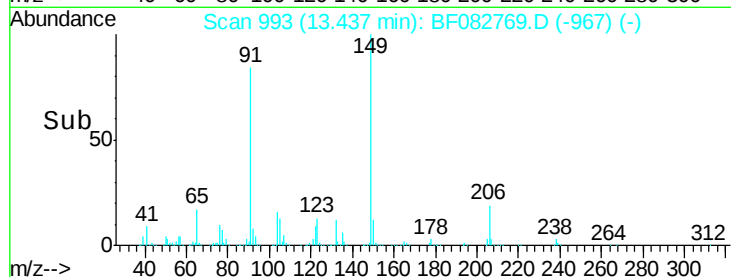
206 19.1 14.6 22.0



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: 41.83 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

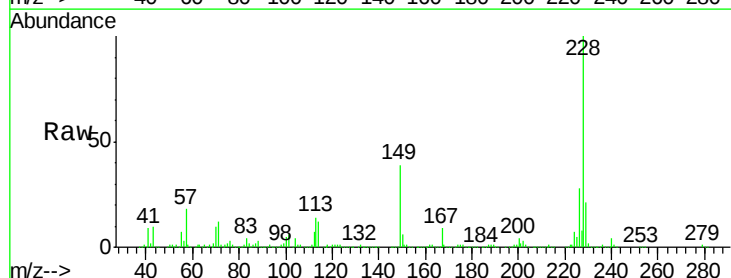
Tgt Ion:228 Resp: 1840327

Ion Ratio Lower Upper

228 100

226 28.5 23.4 35.2

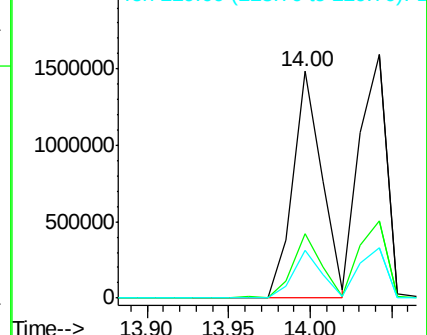
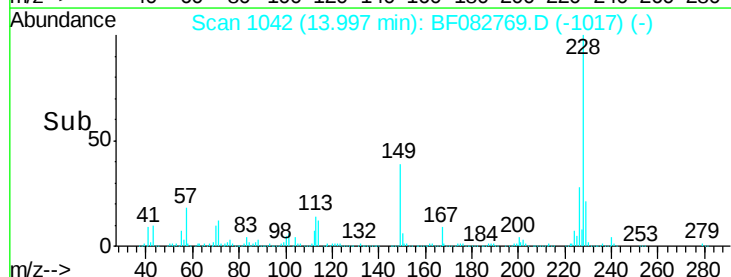
229 20.9 16.3 24.5

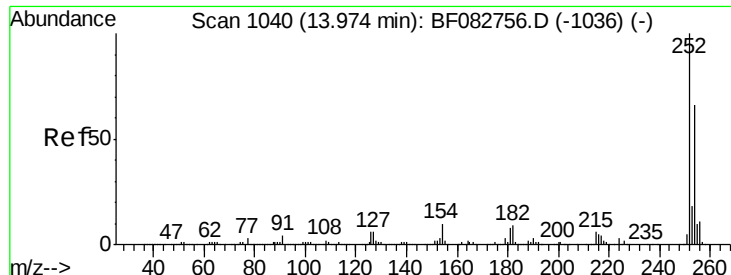


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

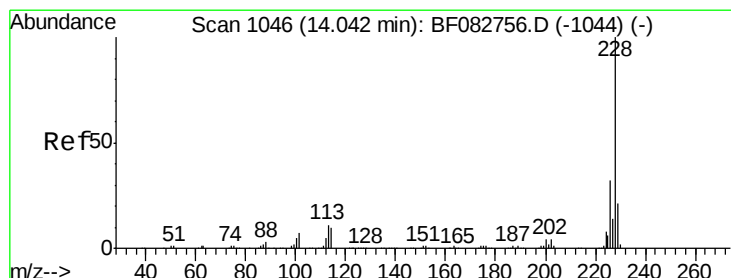
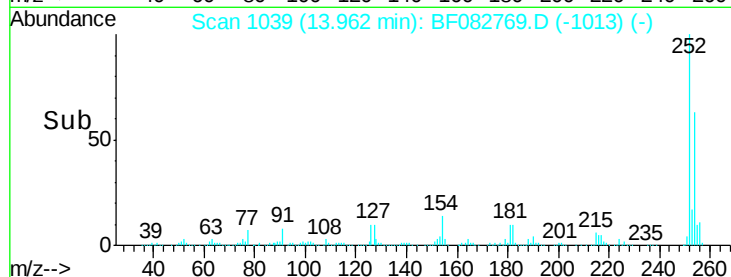
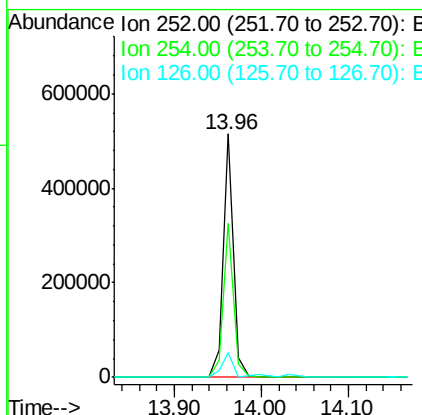
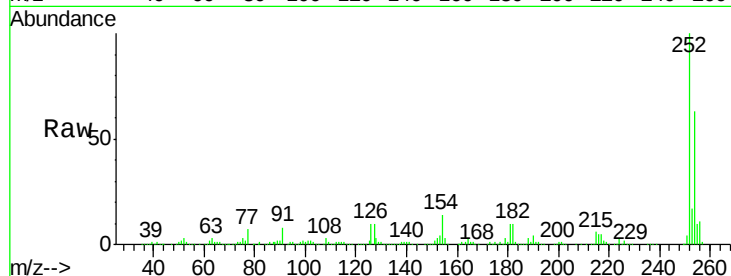




#81
 3,3'-Dichlorobenzidine
 Concen: 27.26 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

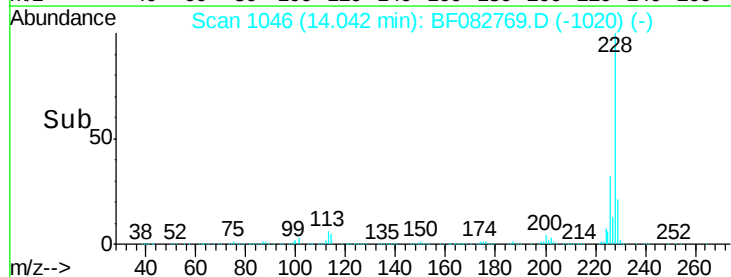
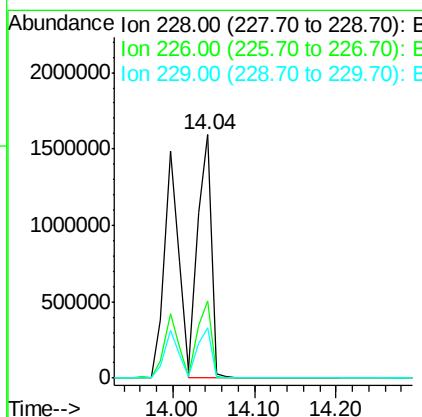
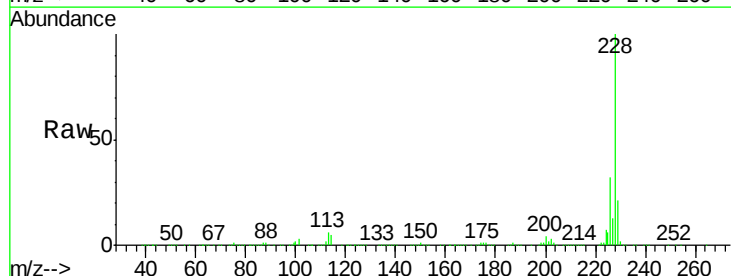
Instrument :
 BNA_F
 ClientSampleId :
 PB86421BSD

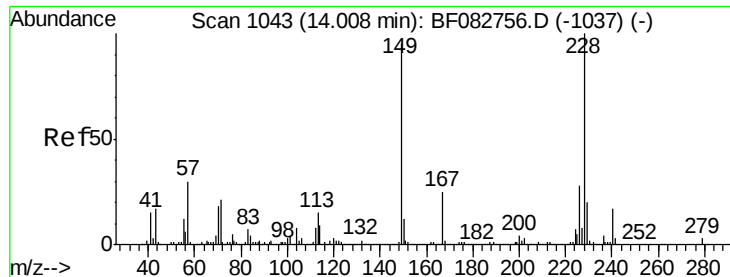
Tgt Ion:252 Resp: 426330
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.4 77.0
 126 10.4 10.7 16.1#



#82
 Chrysene
 Concen: 46.58 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Tgt Ion:228 Resp: 1876901
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.5 38.3
 229 20.5 16.3 24.5

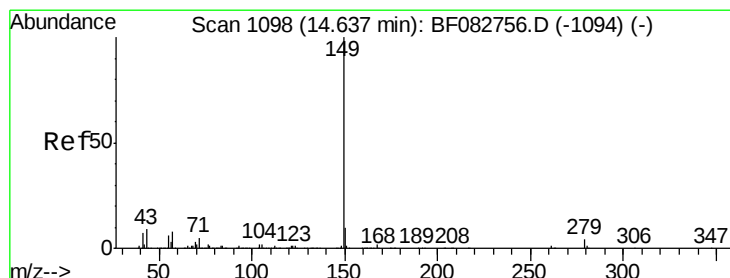
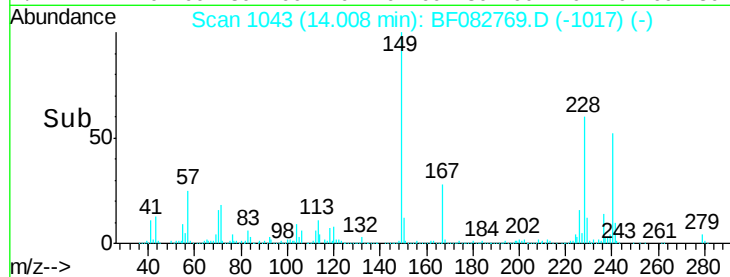
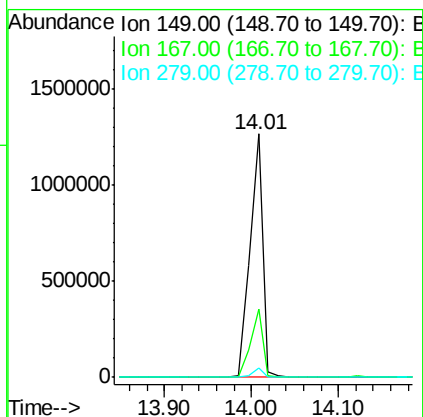
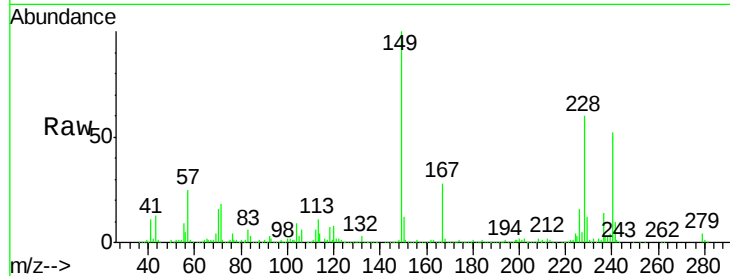




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.58 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

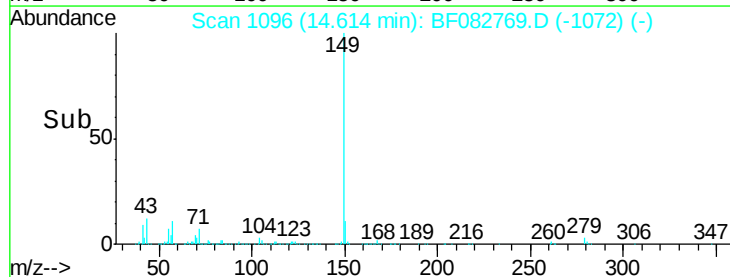
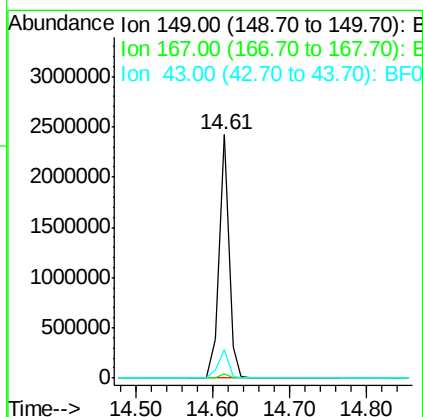
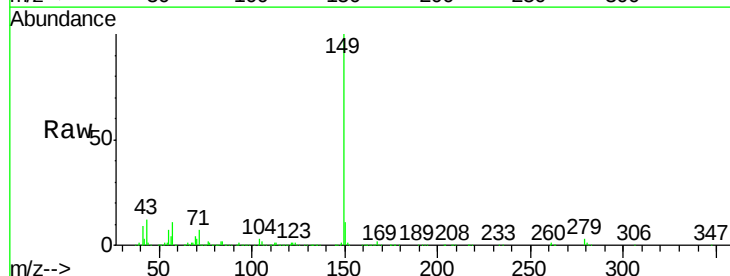
Instrument :
 BNA_F
 ClientSampleId :
 PB86421BSD

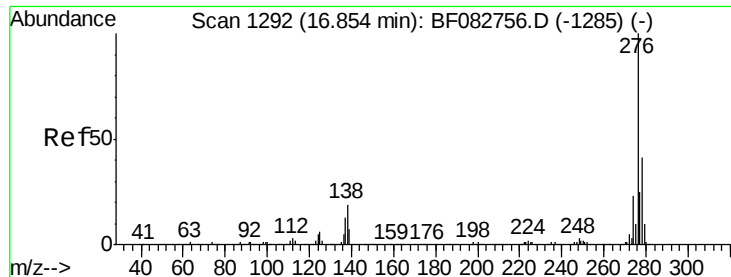
Tgt Ion:149 Resp: 1302480
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.2 31.8
 279 3.9 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 44.37 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Tgt Ion:149 Resp: 2162340
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 11.8 10.1 15.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.29 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB86421BSD

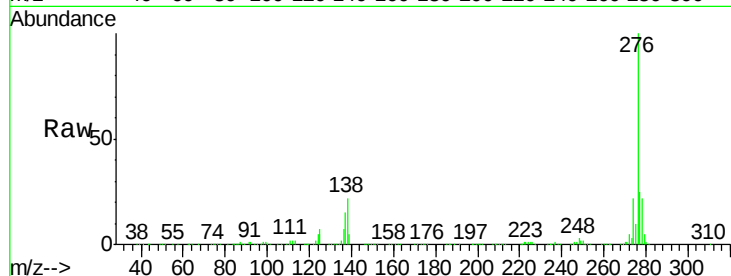
Tgt Ion:276 Resp: 1537281

Ion Ratio Lower Upper

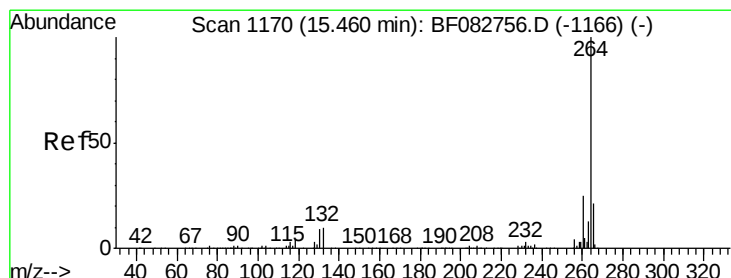
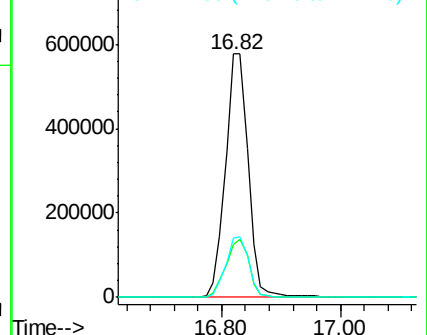
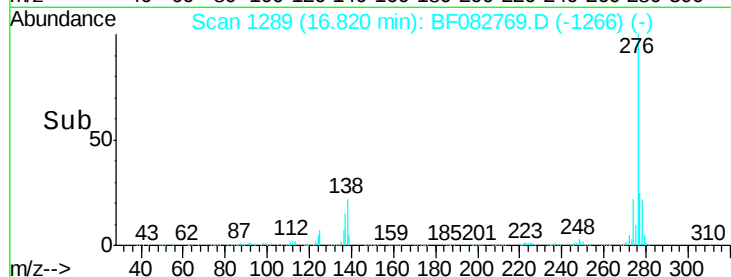
276 100

138 24.5 15.3 22.9#

277 25.4 20.2 30.4



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: 15.44 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

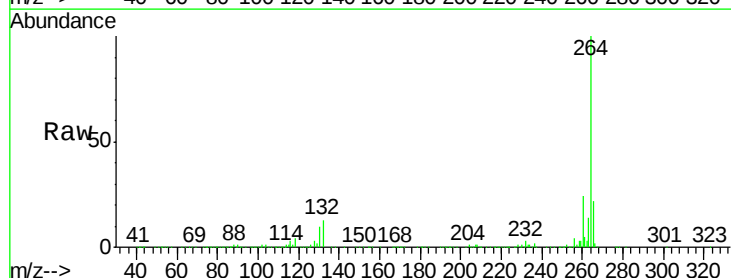
Tgt Ion:264 Resp: 707304

Ion Ratio Lower Upper

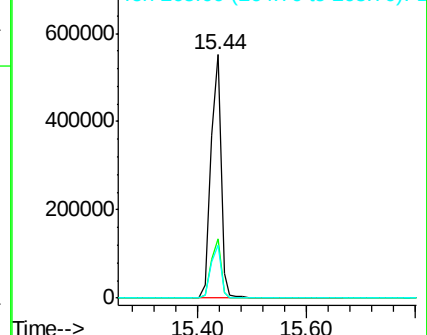
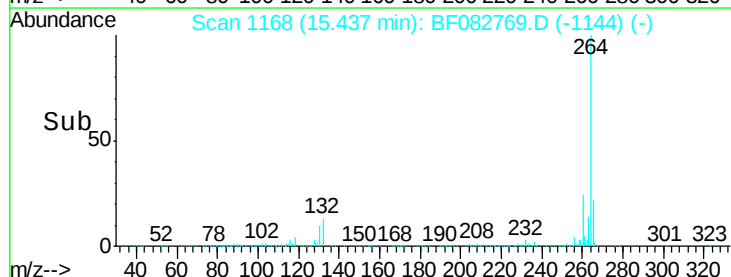
264 100

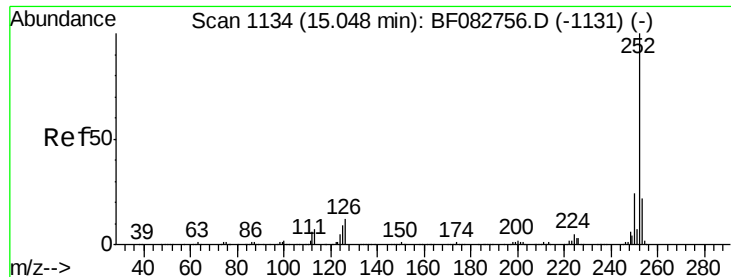
260 24.4 19.8 29.6

265 21.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 73.13 ng

RT: 15.06 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB86421BSD

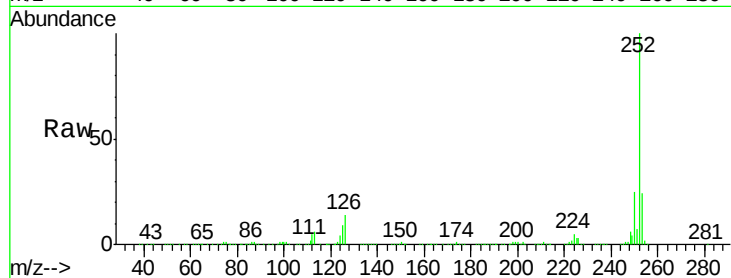
Tgt Ion:252 Resp: 3320287

Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

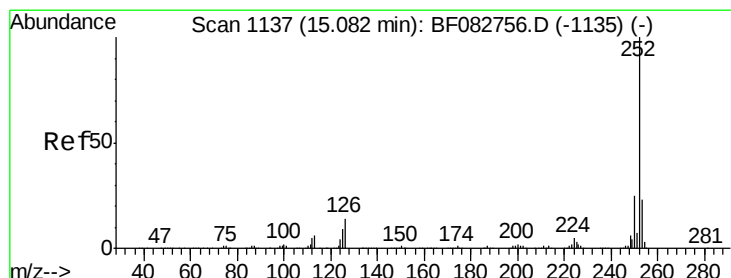
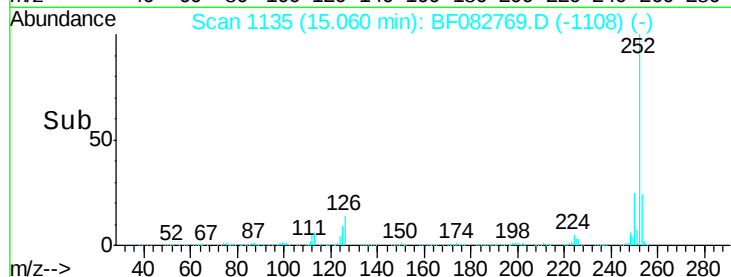
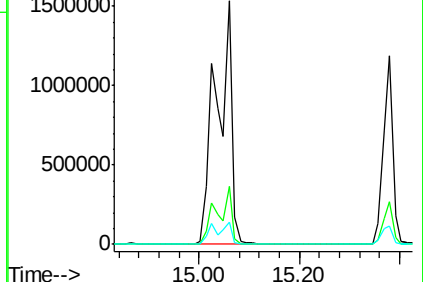
125 9.3 5.4 8.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 82.48 ng

RT: 15.06 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

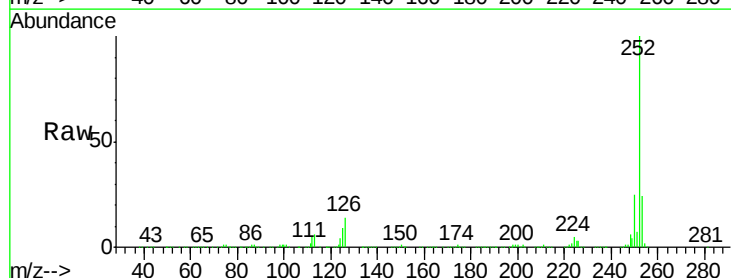
Tgt Ion:252 Resp: 3321945

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

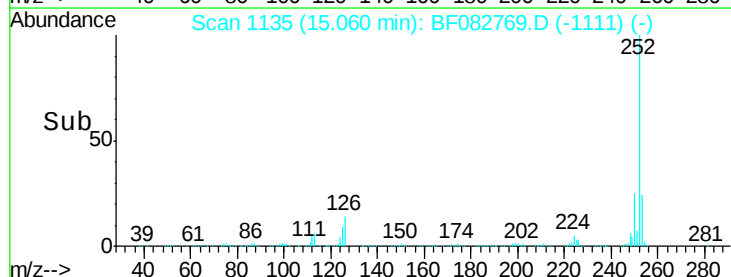
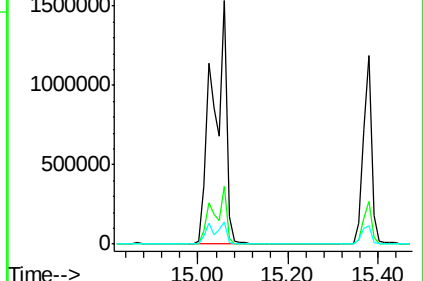
125 9.3 3.5 5.3#

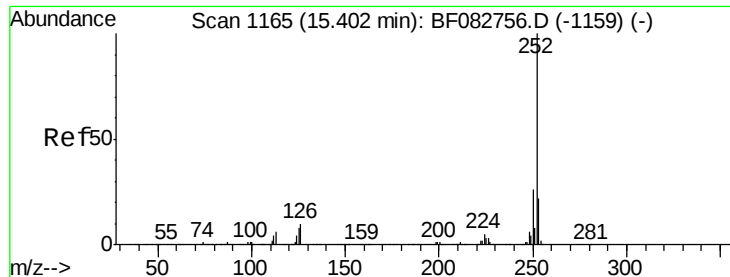


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.76 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.02 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

Instrument :

BNA_F

ClientSampleId :

PB86421BSD

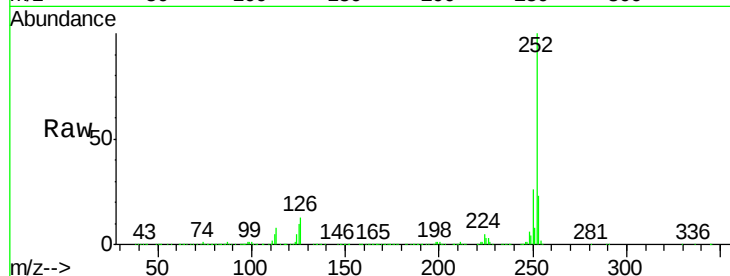
Tgt Ion:252 Resp: 1563820

Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

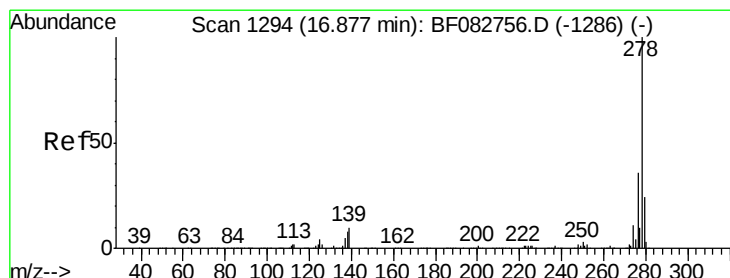
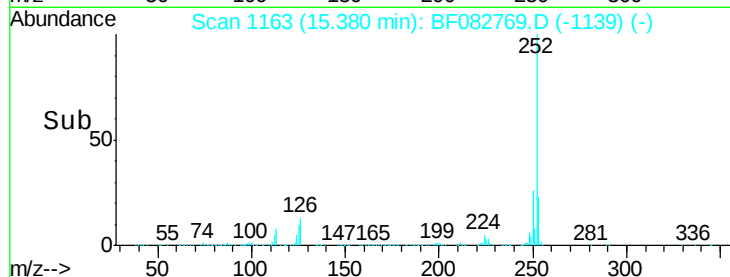
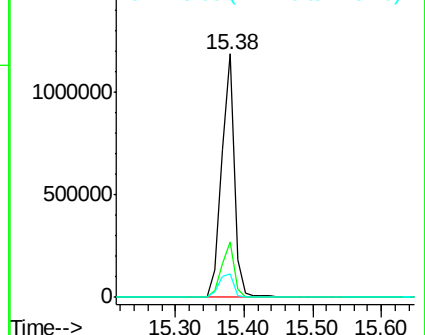
125 9.6 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.72 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF082769.D

Acq: 6 Nov 2015 19:00

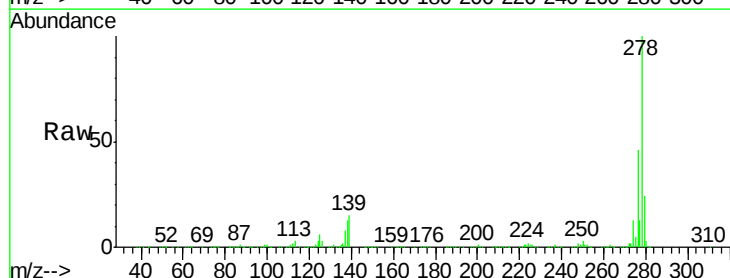
Tgt Ion:278 Resp: 1289720

Ion Ratio Lower Upper

278 100

139 14.9 9.9 14.9#

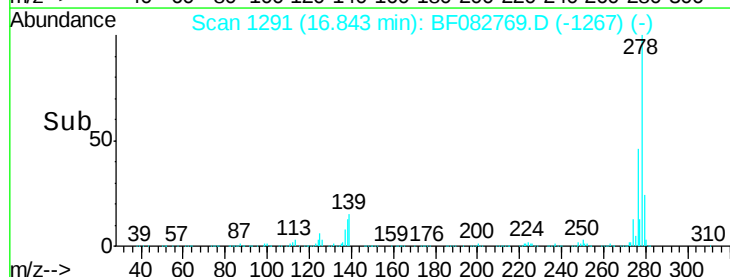
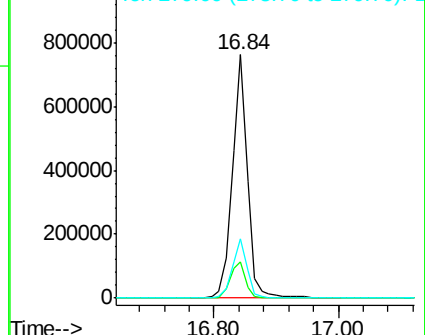
279 24.3 19.6 29.4

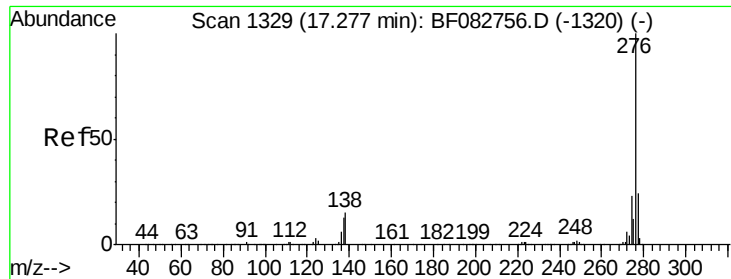


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 39.44 ng
 RT: 17.24 min Scan# 1326
 Delta R.T. -0.02 min
 Lab File: BF082769.D
 Acq: 6 Nov 2015 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BSD

Tgt Ion: 276 Resp: 1258150
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.2 28.8
 138 21.4 13.1 19.7#

