

Data Path : Z:\HPCHEM1\BNA F\Data\BF111015\
 Data File : BF082869.D
 Acq On : 10 Nov 2015 14:36
 Operator : UM/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 16:01:31 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	6.82	152	275482	20.00	ng	-0.03
21) Naphthalene-d8	8.11	136	1049040	20.00	ng	-0.03
38) Acenaphthene-d10	9.86	164	510184	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	1017157	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	799431	20.00	ng	-0.03
86) Perylene-d12	15.41	264	818626	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1259444	71.13	ng	-0.03
7) Phenol-d6	6.46	99	1665433	70.76	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1730758	71.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	453192	77.47	ng	-0.02
44) 2-Fluorobiphenyl	9.18	172	2688296	75.52	ng	-0.03
78) Terphenyl-d14	12.93	244	2465569	73.15	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	325334	42.59	ng	97
3) Pyridine	3.07	79	1007492	45.45	ng	95
4) n-Nitrosodimethylamine	3.02	42	399825	36.37	ng	# 72
6) Aniline	6.49	93	1220924	36.94	ng	98
8) 2-Chlorophenol	6.60	128	706761	36.01	ng	# 77
9) Benzaldehyde	6.36	77	500491	38.49	ng	85
10) Phenol	6.48	94	908811	34.03	ng	82
11) bis(2-Chloroethyl)ether	6.56	93	708102	35.45	ng	93
12) 1,3-Dichlorobenzene	6.99	146	701932	31.71	ng	95
13) 1,4-Dichlorobenzene	6.76	146	829642	36.02	ng	95
14) 1,2-Dichlorobenzene	6.99	146	702492	33.54	ng	95
15) Benzyl Alcohol	6.97	79	718815	34.77	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1143094	39.02	ng	97
17) 2-Methylphenol	7.08	107	636195	38.27	ng	98
18) Hexachloroethane	7.33	117	299118	36.31	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	634733	36.68	ng	91
20) 3+4-Methylphenols	7.24	107	696797	32.24	ng	# 88
22) Acetophenone	7.23	105	1079517	35.91	ng	# 95
24) Nitrobenzene	7.41	77	886236	35.95	ng	89
25) Isophorone	7.65	82	1688968	37.86	ng	97
26) 2-Nitrophenol	7.72	139	369843	35.94	ng	# 78
27) 2,4-Dimethylphenol	7.77	122	650874	35.20	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	925134	36.77	ng	97
29) 2,4-Dichlorophenol	7.97	162	674495	40.36	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	695006	36.98	ng	96
31) Naphthalene	8.13	128	2106989	36.40	ng	99
32) Benzoic acid	7.92	122	453914	35.85	ng	87
33) 4-Chloroaniline	8.18	127	840961	33.71	ng	93
34) Hexachlorobutadiene	8.26	225	433344	36.84	ng	99
35) Caprolactam	8.57	113	208339	39.54	ng	# 89
36) 4-Chloro-3-methylphenol	8.67	107	734480	37.37	ng	89
37) 2-Methylnaphthalene	8.82	142	1260101	33.65	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	616232	36.76	ng	98
40) Hexachlorocyclopentadiene	8.98	237	342198	37.99	ng	100

Data Path : Z:\HPCHEM1\BNA F\Data\BF111015\
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Instrument :
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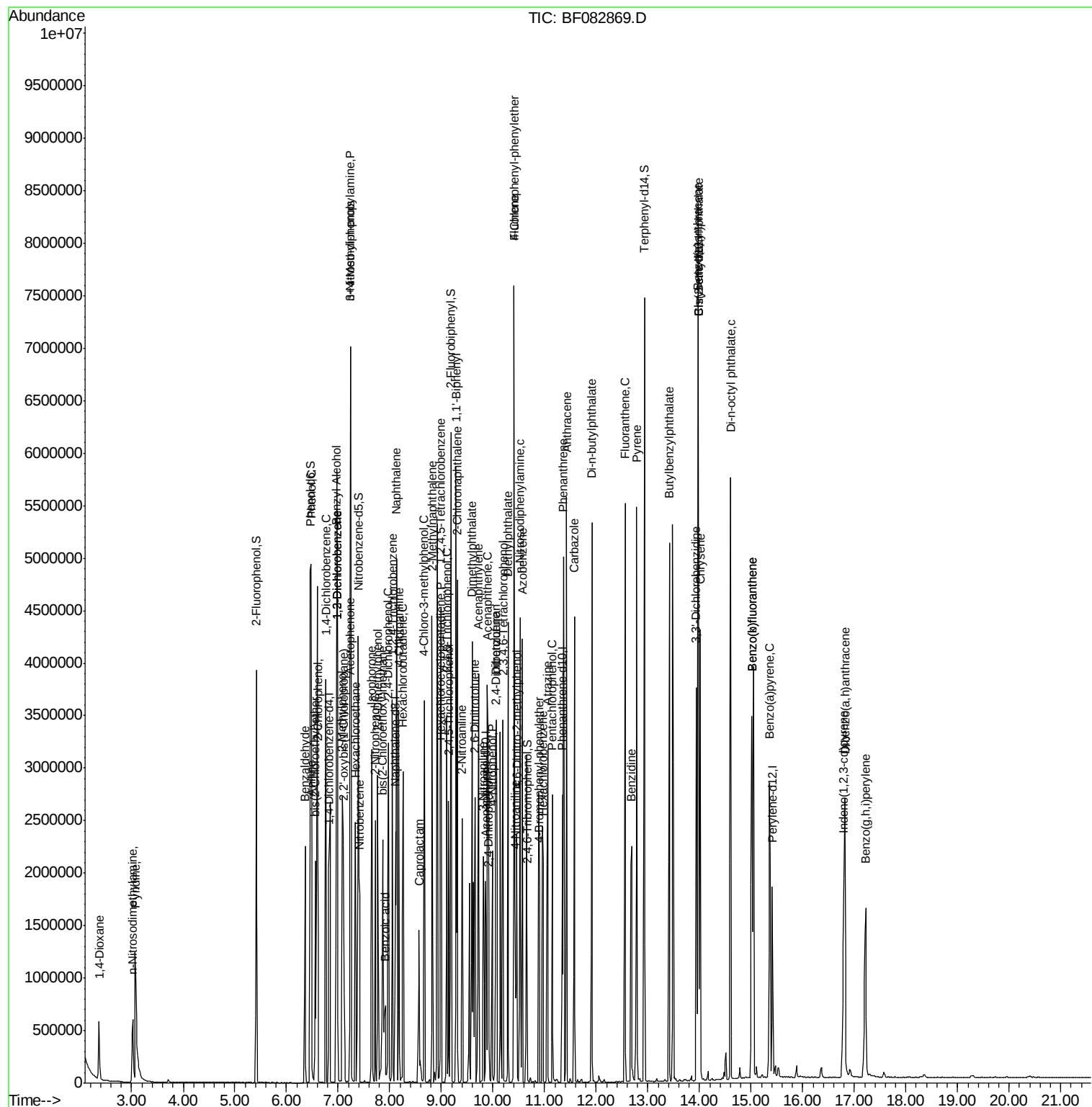
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	519447	41.51	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	462312	37.35	nq	97
45) 1,1'-Biphenyl	9.29	154	1549217	35.39	nq	96
46) 2-Chloronaphthalene	9.31	162	1257415	36.82	nq	97
47) 2-Nitroaniline	9.40	65	455862	35.99	nq	# 83
48) Acenaphthylene	9.72	152	1976986	36.94	nq	99
49) Dimethylphthalate	9.60	163	1571793	37.60	nq	100
50) 2,6-Dinitrotoluene	9.65	165	402749	45.16	nq	# 76
51) Acenaphthene	9.89	154	1343577	39.61	nq	99
52) 3-Nitroaniline	9.81	138	419074	42.72	nq	# 87
53) 2,4-Dinitrophenol	9.92	184	197856	40.40	nq	# 28
54) Dibenzofuran	10.06	168	1748251	38.23	nq	94
55) 4-Nitrophenol	9.98	139	333828	44.36	nq	87
56) 2,4-Dinitrotoluene	10.05	165	495797	40.97	nq	92
57) Fluorene	10.41	166	1295843	34.99	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	424489	42.02	nq	# 90
59) Diethylphthalate	10.29	149	1608021	39.40	nq	98
60) 4-Chlorophenyl-phenylether	10.41	204	727567	39.26	nq	99
61) 4-Nitroaniline	10.43	138	424551	43.04	nq	# 77
62) Azobenzene	10.57	77	1895060	43.23	nq	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	321427	44.36	nq	89
65) n-Nitrosodiphenylamine	10.52	169	1263527	34.39	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	463823	37.87	nq	99
67) Hexachlorobenzene	10.97	284	498338	36.44	nq	# 56
68) Atrazine	11.06	200	477711	42.04	nq	96
69) Pentachlorophenol	11.15	266	295152	35.54	nq	98
70) Phenanthrene	11.37	178	1959339	33.17	nq	100
71) Anthracene	11.42	178	2335159	37.53	nq	99
72) Carbazole	11.57	167	1765584	32.42	nq	100
73) Di-n-butylphthalate	11.92	149	2433274	35.86	nq	99
74) Fluoranthene	12.56	202	2165863	34.17	nq	98
76) Benzidine	12.68	184	1306515	48.76	nq	100
77) Pyrene	12.78	202	2239929	40.80	nq	99
79) Butylbenzylphthalate	13.41	149	1207042	49.77	nq	93
80) Benzo(a)anthracene	13.97	228	2036387	40.74	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	741398	41.72	nq	100
82) Chrysene	14.02	228	2141019	46.76	nq	100
83) Bis(2-ethylhexyl)phthalate	13.98	149	1553685	46.80	nq	# 95
84) Di-n-octyl phthalate	14.60	149	2667265	48.17	nq	100
85) Indeno(1,2,3-cd)pyrene	16.80	276	1829994	46.41	nq	# 95
87) Benzo(b)fluoranthene	15.01	252	1865652	35.50	nq	# 96
88) Benzo(k)fluoranthene	15.01	252	1865652	40.02	nq	# 95
89) Benzo(a)pyrene	15.36	252	1777593	39.05	nq	# 95
90) Dibenzo(a,h)anthracene	16.82	278	1523725	39.53	nq	# 98
91) Benzo(g,h,i)perylene	17.22	276	1461973	39.59	nq	97

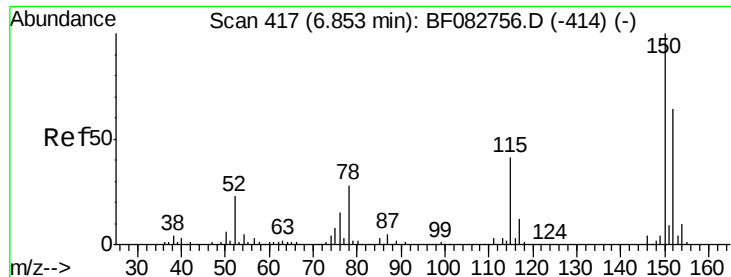
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

Instrument :

BNA_F

ClientSampleId :

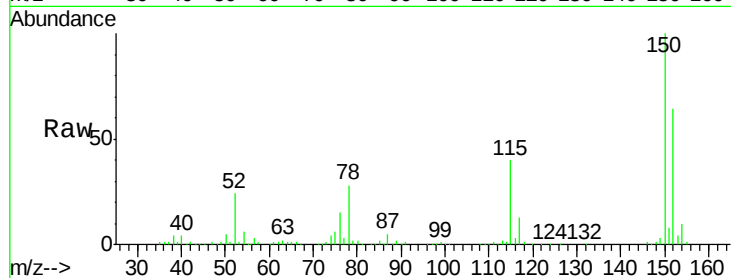
Tot Ion:152 Resp: 275482

Ion Ratio Lower Upper

152 100

150 155.4 127.0 190.4

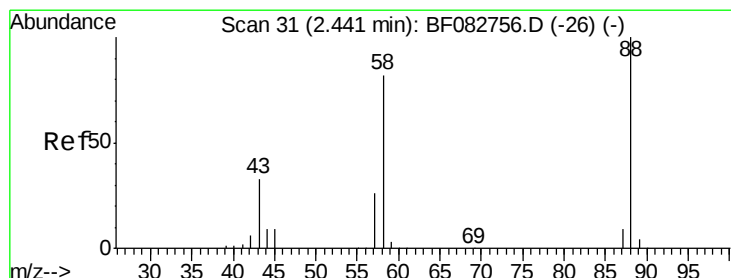
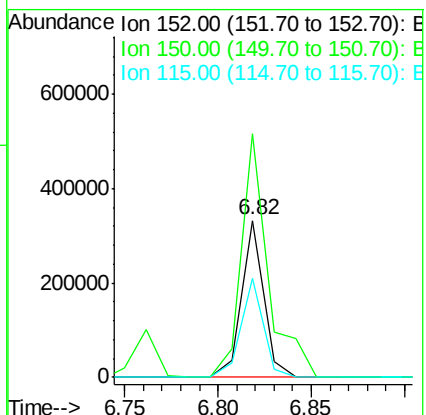
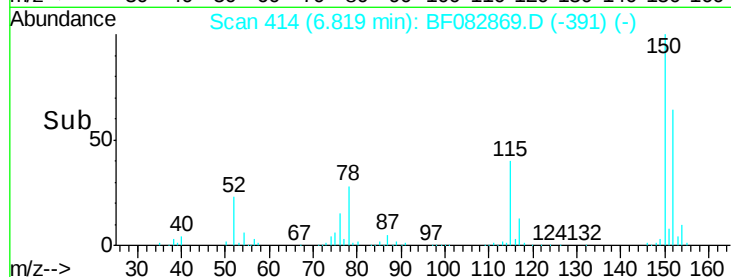
115 62.9 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.59 ng

RT: 2.37 min Scan# 25

Delta R.T. -0.07 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

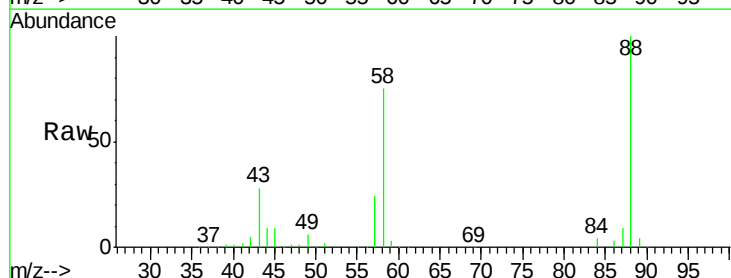
Tgt Ion: 88 Resp: 325334

Ion Ratio Lower Upper

88 100

58 77.0 62.0 93.0

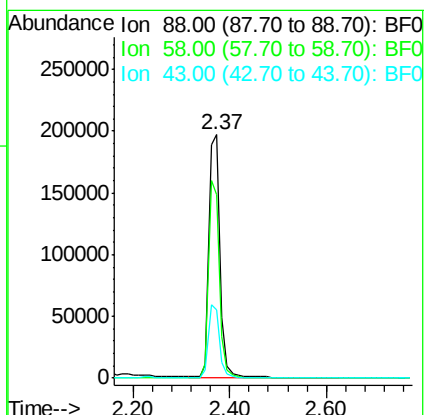
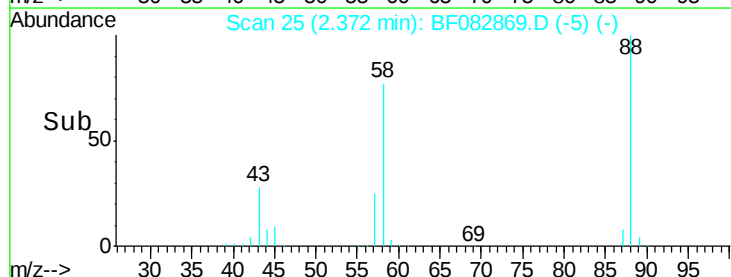
43 29.1 26.6 40.0

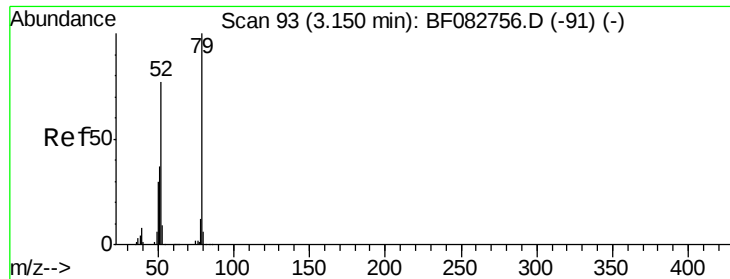


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

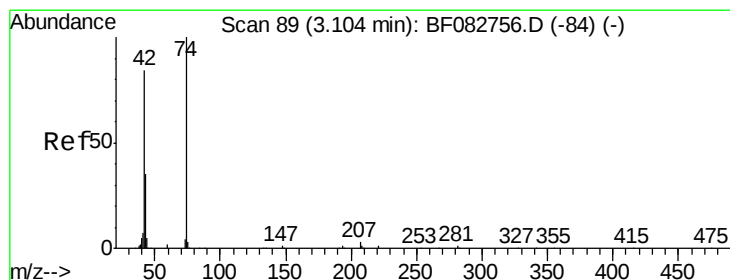
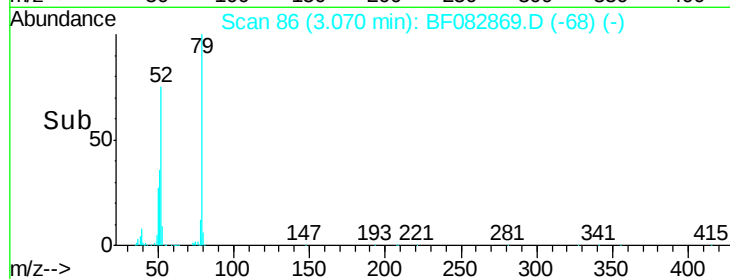
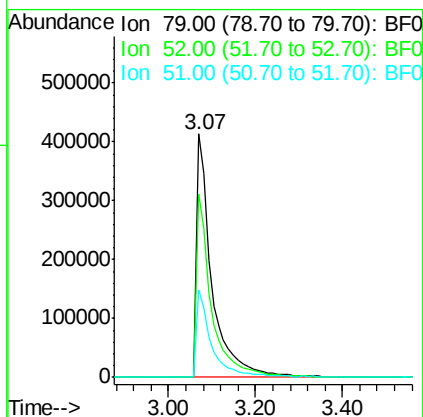
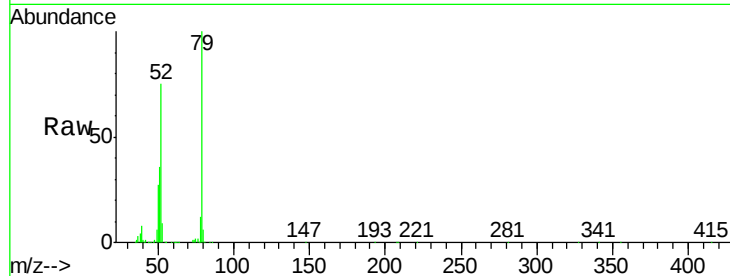




#3
 Pvridine
 Concen: 45.45 ng
 RT: 3.07 min Scan# 86
 Delta R.T. -0.09 min
 Lab File: BF082869.D
 Acq: 10 Nov 2015 14:36

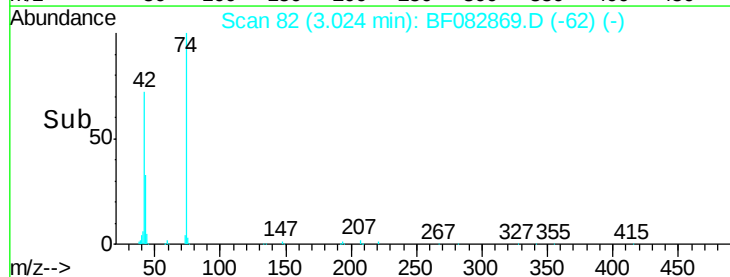
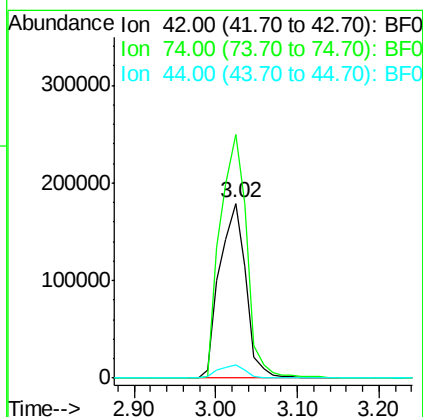
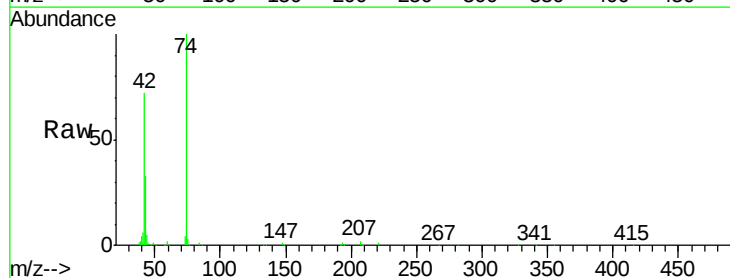
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 1007492
 Ion Ratio Lower Upper
 79 100
 52 75.1 62.8 94.2
 51 36.1 32.0 48.0



#4
 n-Nitrosodimethylamine
 Concen: 36.37 ng
 RT: 3.02 min Scan# 82
 Delta R.T. -0.07 min
 Lab File: BF082869.D
 Acq: 10 Nov 2015 14:36

Tgt Ion: 42 Resp: 399825
 Ion Ratio Lower Upper
 42 100
 74 139.5 87.0 130.4#
 44 7.5 5.8 8.8





#5

2-Fluorophenol

Concen: 71.13 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

Instrument :

BNA_F

ClientSampleId :

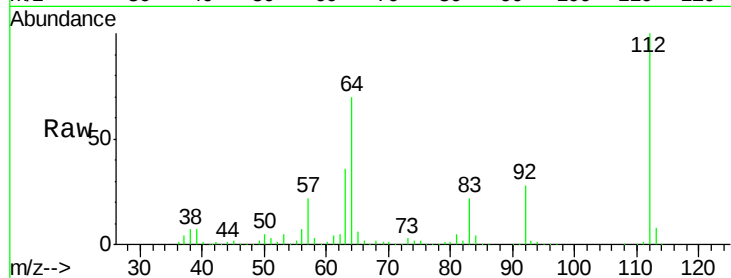
Tot Ion:112 Resp: 1259444

Ion Ratio Lower Upper

112 100

64 70.4 48.9 73.3

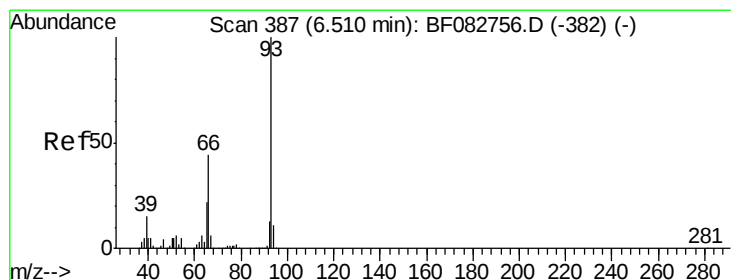
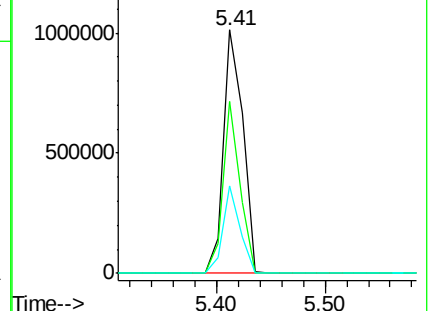
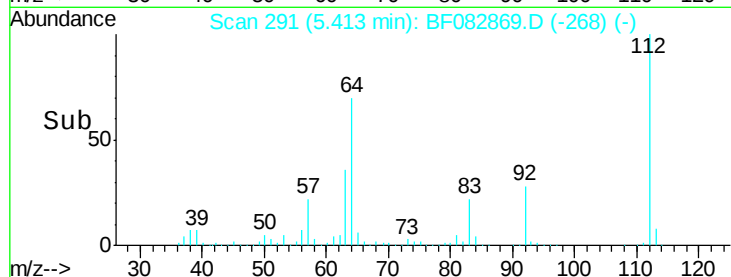
63 36.1 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.94 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

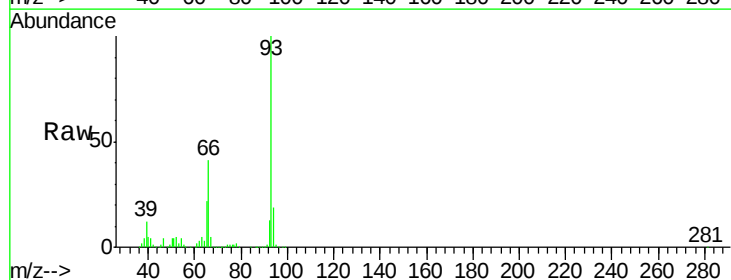
Tgt Ion: 93 Resp: 1220924

Ion Ratio Lower Upper

93 100

66 40.9 33.6 50.4

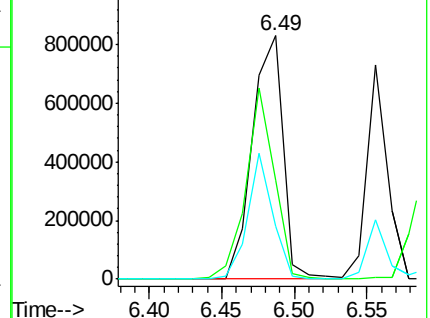
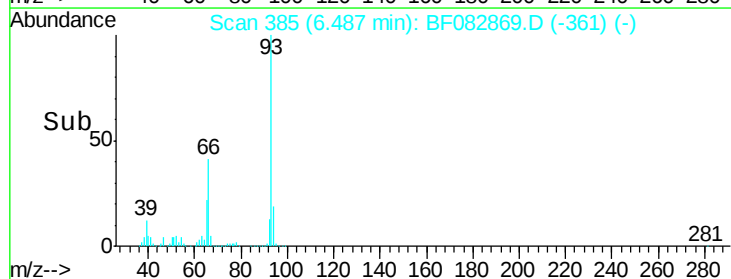
65 21.5 18.1 27.1

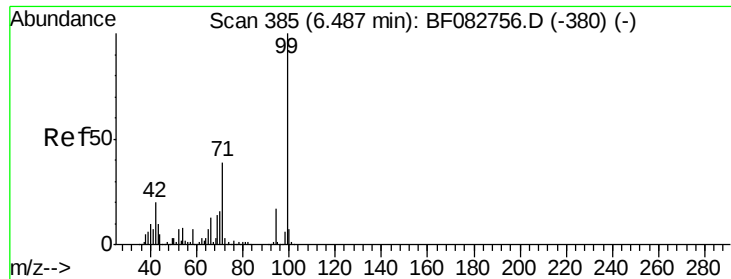


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 70.76 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

Instrument :

BNA_F

ClientSampleId :

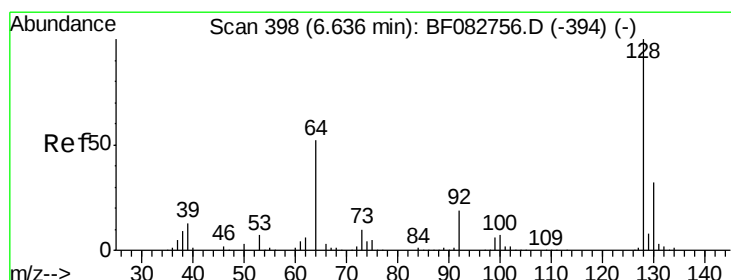
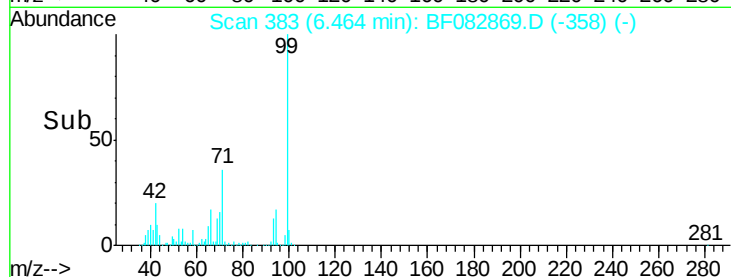
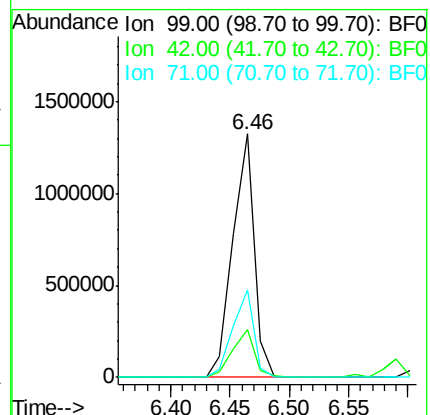
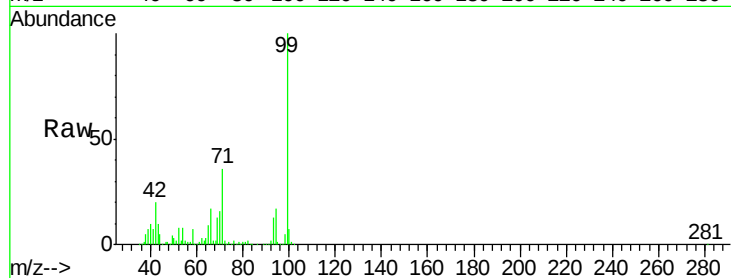
Tot Ion: 99 Resp: 1665433

Ion Ratio Lower Upper

99 100

42 19.5 19.2 28.8

71 36.0 35.0 52.4



#8

2-Chlorophenol

Concen: 36.01 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

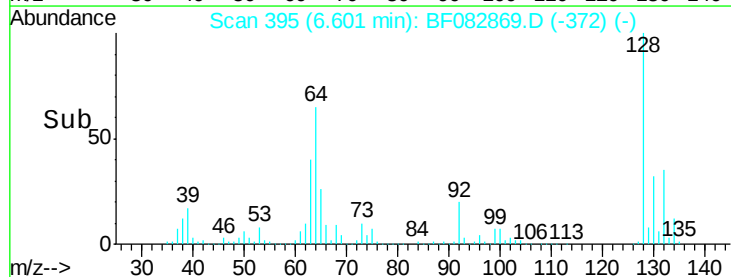
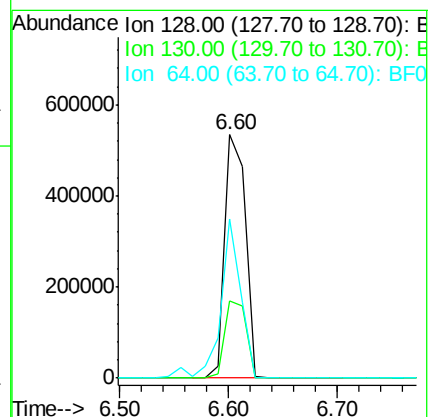
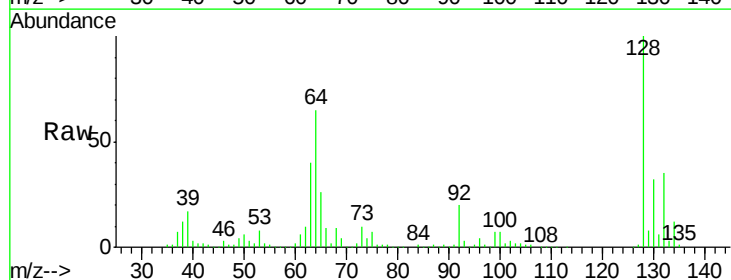
Tgt Ion: 128 Resp: 706761

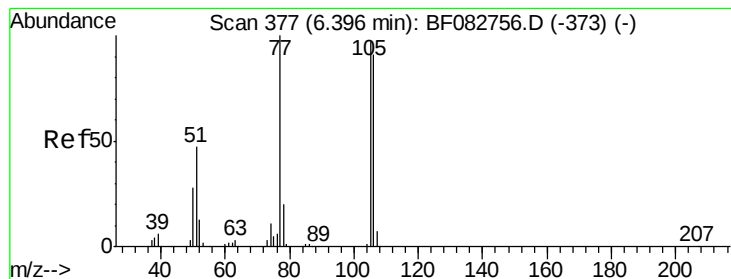
Ion Ratio Lower Upper

128 100

130 31.9 13.5 53.5

64 65.4 21.1 61.1#





#9

Benzaldehyde

Concen: 38.49 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.03 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

Instrument :

BNA_F

ClientSampleId :

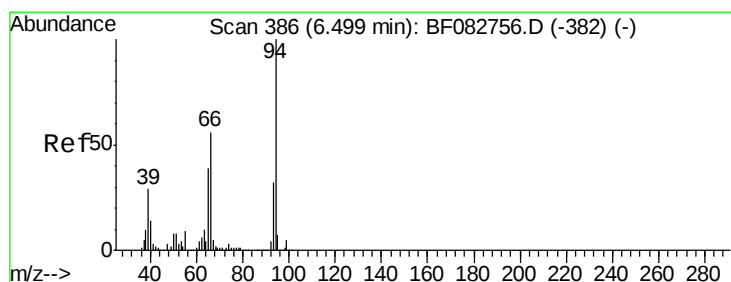
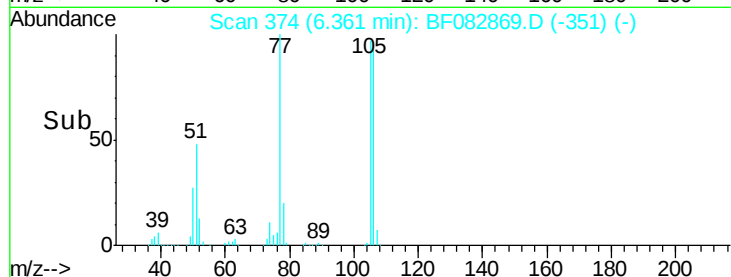
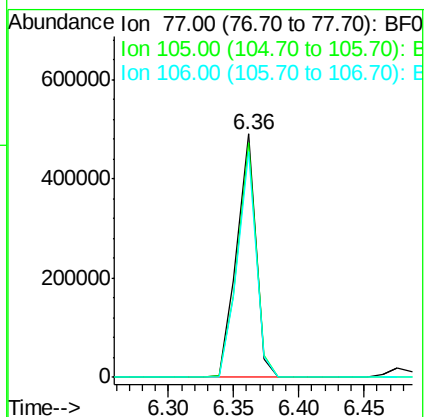
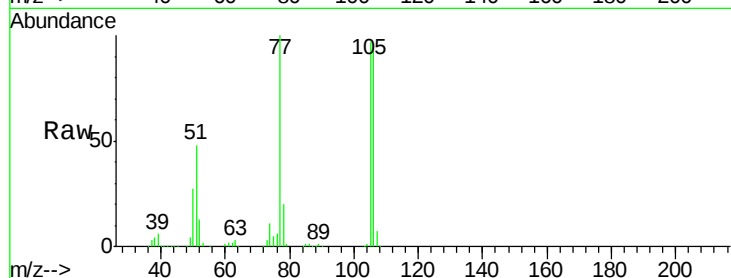
Tot Ion: 77 Resp: 500491

Ion Ratio Lower Upper

77 100

105 96.6 63.5 103.5

106 92.6 59.3 99.3



#10

Phenol

Concen: 34.03 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

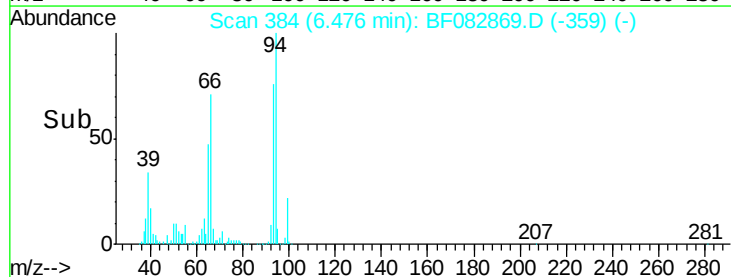
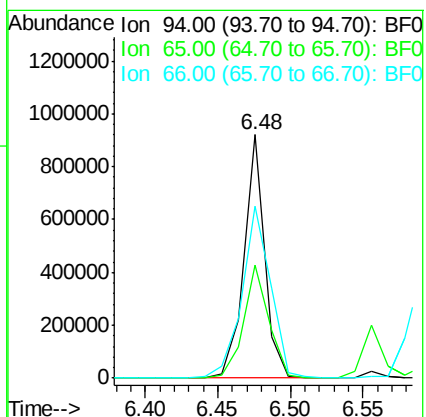
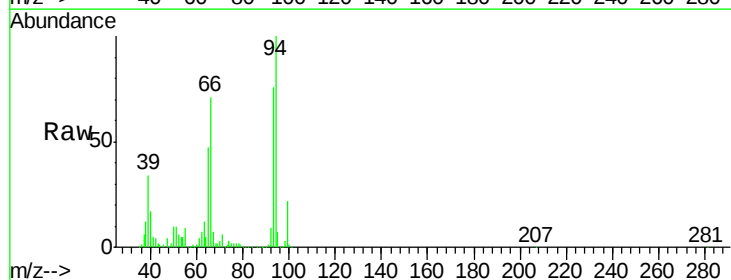
Tgt Ion: 94 Resp: 908811

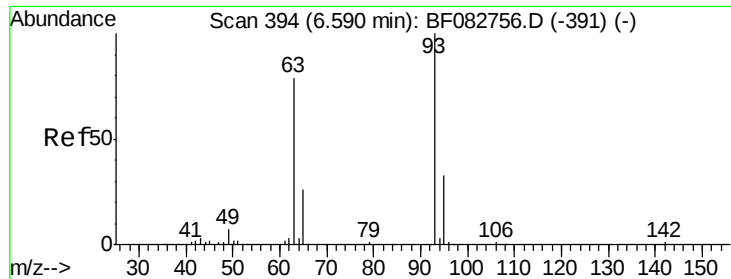
Ion Ratio Lower Upper

94 100

65 46.6 18.9 58.9

66 70.8 34.9 74.9

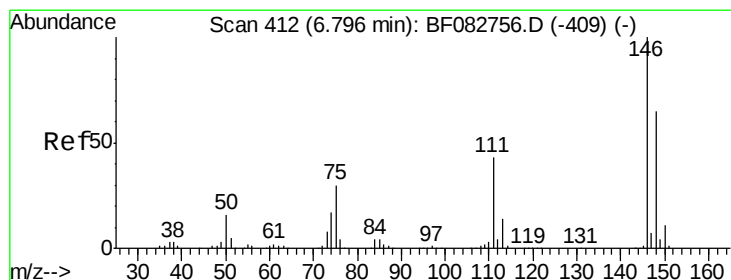
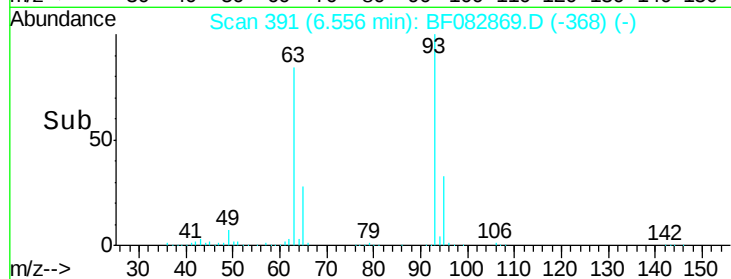
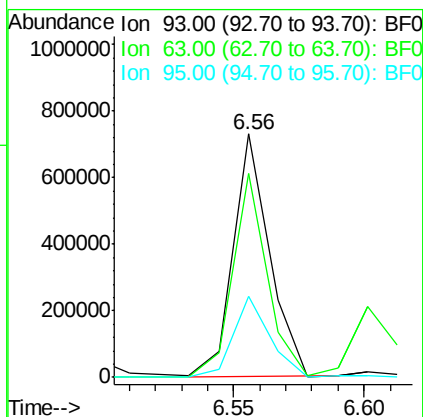
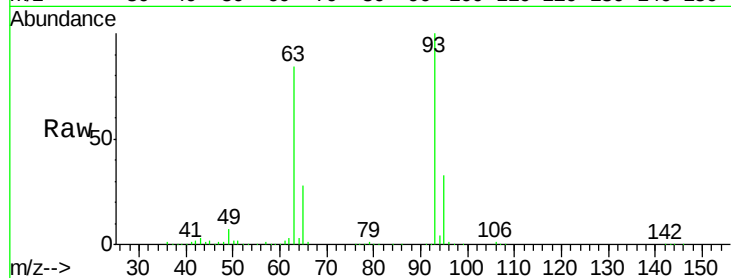




#11
bis(2-Chloroethyl)ether
Concen: 35.45 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.03 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

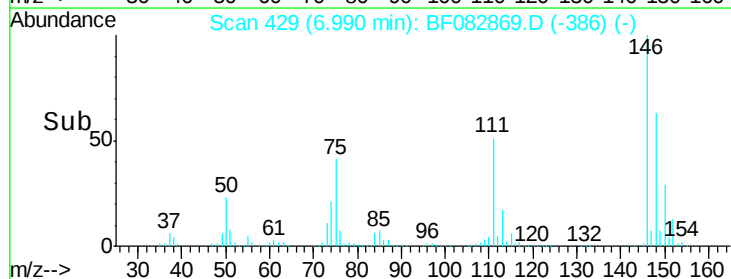
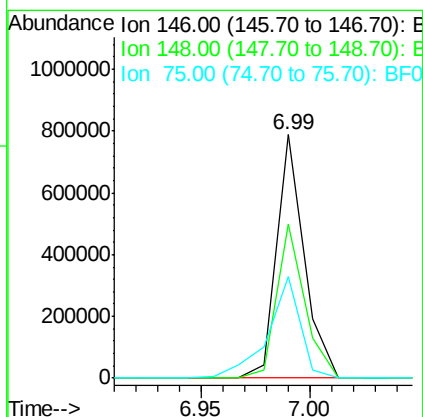
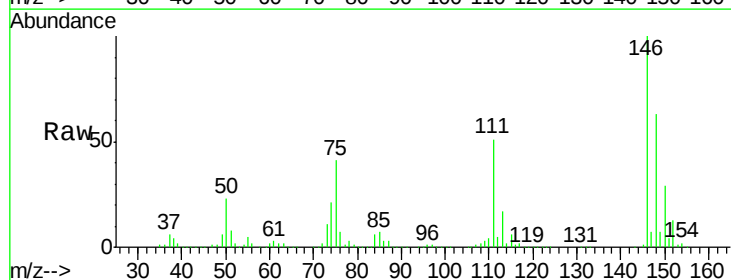
Instrument :
BNA_F
ClientSampleId :

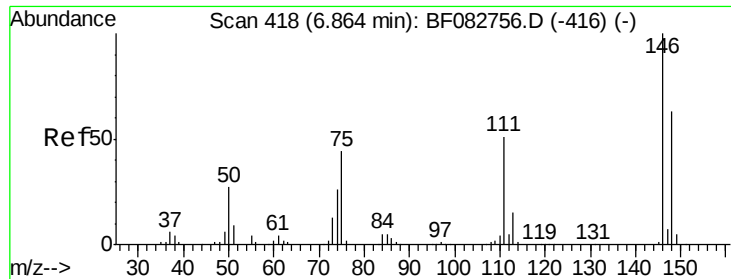
Tot Ion: 93 Resp: 708102
Ion Ratio Lower Upper
93 100
63 83.9 72.7 112.7
95 33.3 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 31.71 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.19 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Tgt Ion: 146 Resp: 701932
Ion Ratio Lower Upper
146 100
148 63.2 50.5 75.7
75 41.5 39.5 59.3

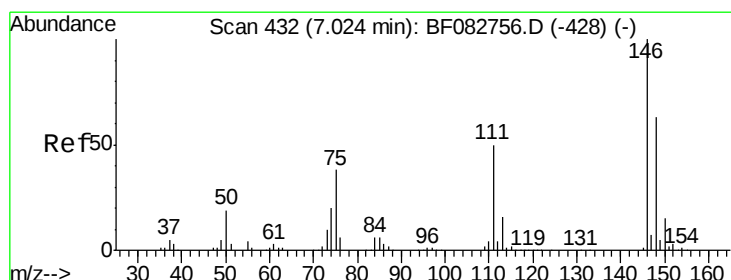
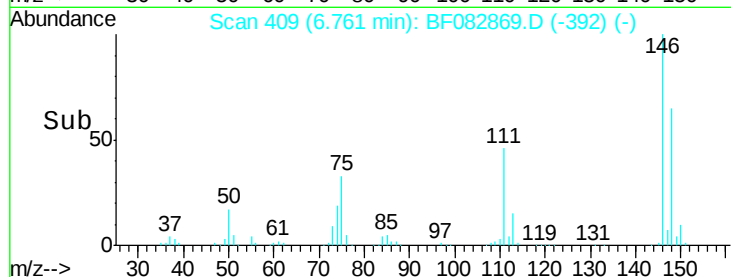
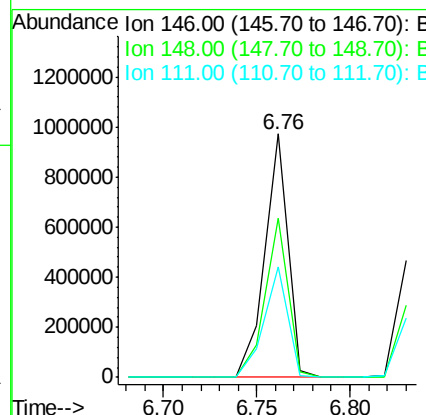
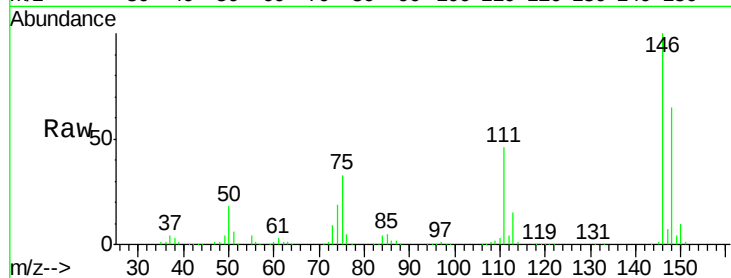




#13
 1,4-Dichlorobenzene
 Concen: 36.02 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.10 min
 Lab File: BF082869.D
 Acq: 10 Nov 2015 14:36

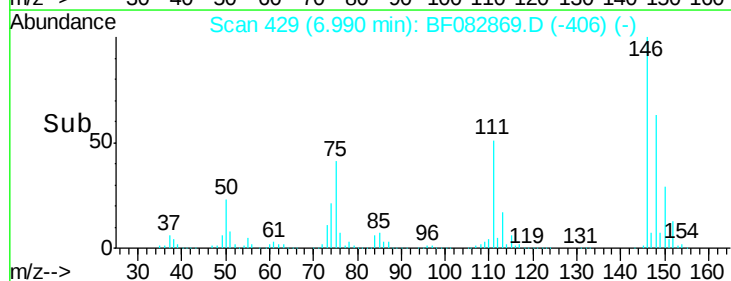
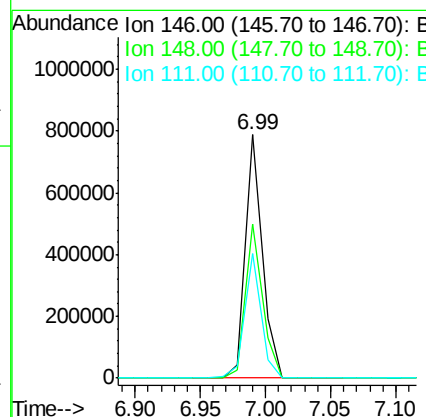
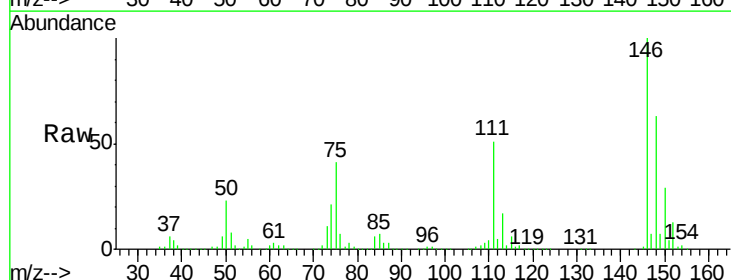
Instrument :
 BNA_F
 ClientSampleId :

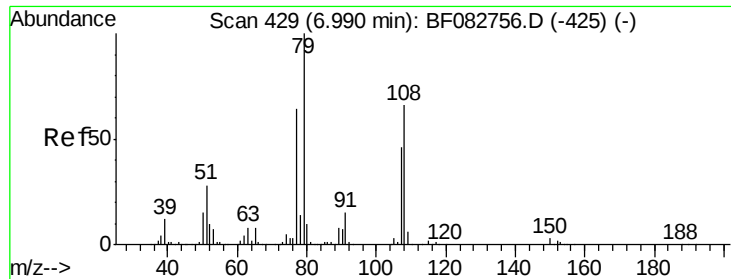
Tot Ion:146 Resp: 829642
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.8 76.2
 111 45.6 40.6 60.8



#14
 1,2-Dichlorobenzene
 Concen: 33.54 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.03 min
 Lab File: BF082869.D
 Acq: 10 Nov 2015 14:36

Tgt Ion:146 Resp: 702492
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.2 78.4
 111 51.0 36.6 55.0

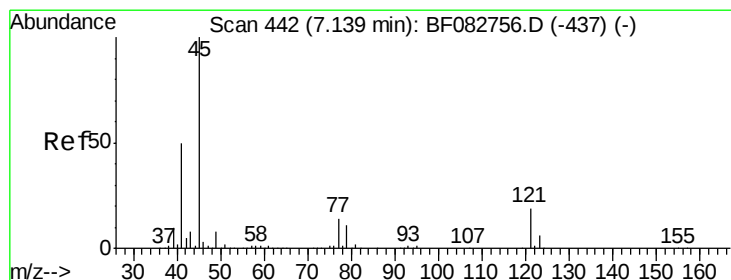
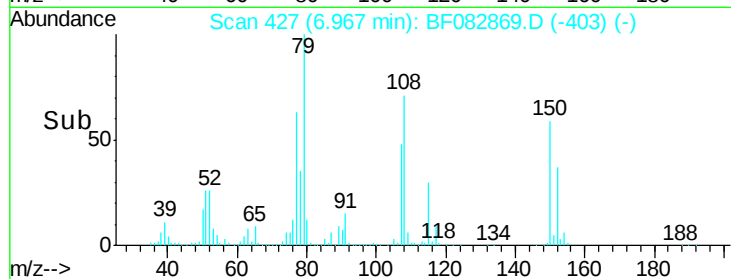
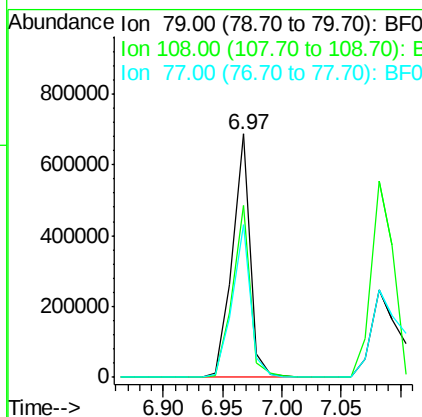
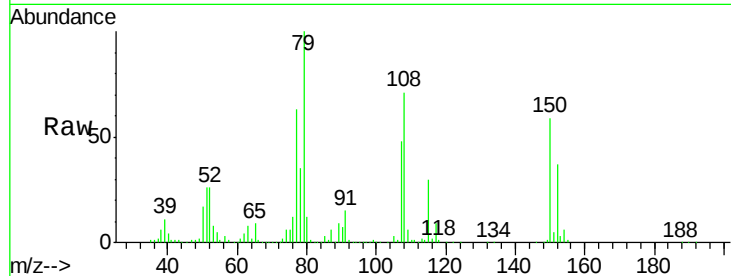




#15
Benzyl Alcohol
Concen: 34.77 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.02 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

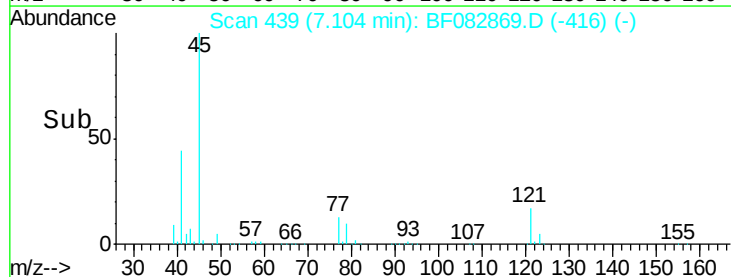
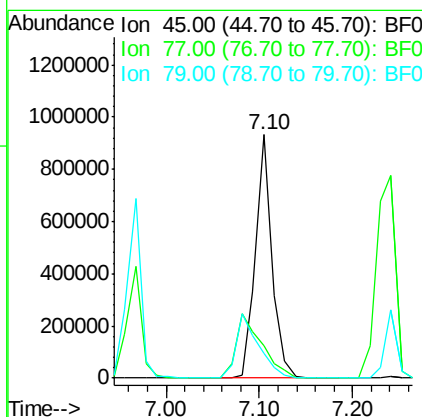
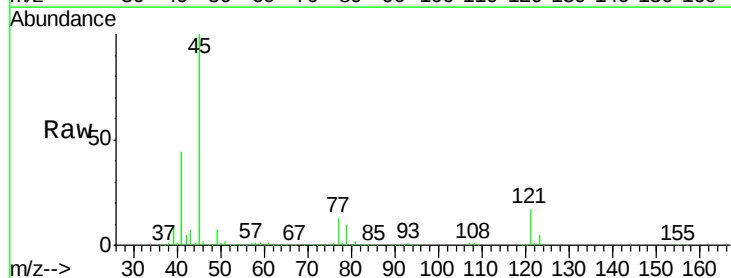
Instrument :
BNA_F
ClientSampled :

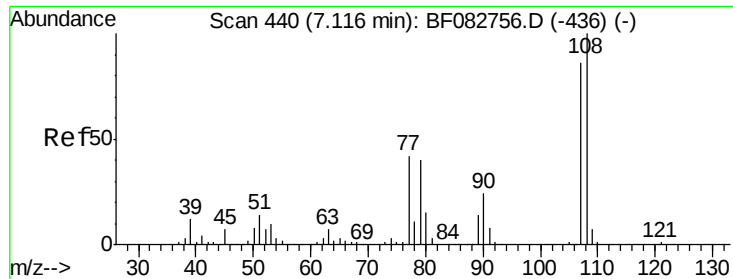
Tot Ion: 79 Resp: 718815
Ion Ratio Lower Upper
79 100
108 70.5 52.2 78.4
77 62.7 52.7 79.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.02 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.03 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Tgt Ion: 45 Resp: 1143094
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.6
79 10.3 0.0 29.2

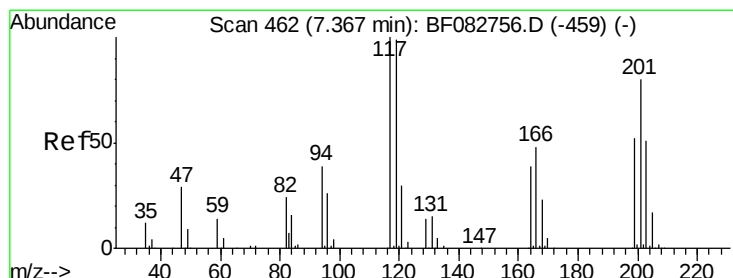
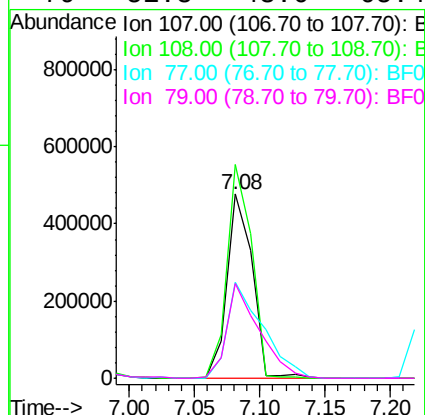
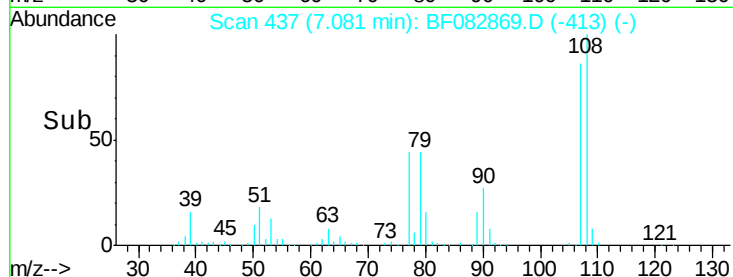
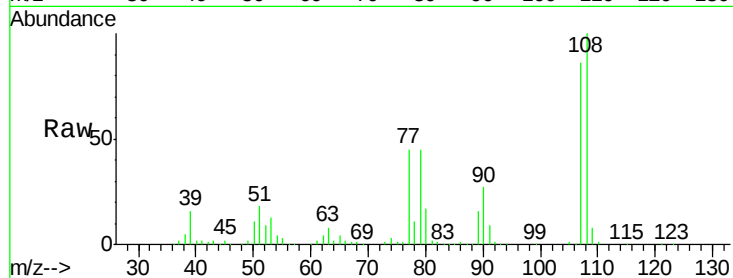




#17
2-Methylphenol
Concen: 38.27 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

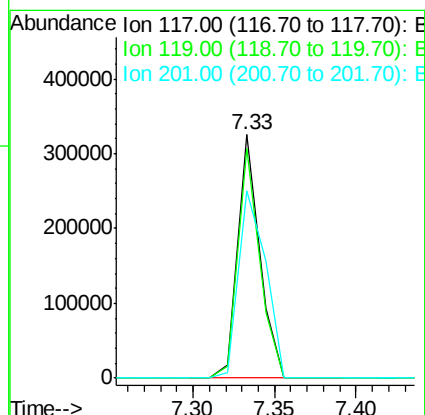
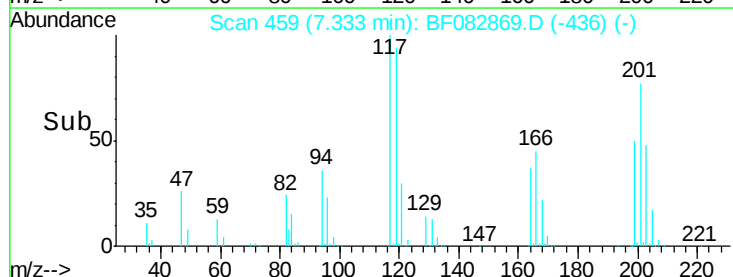
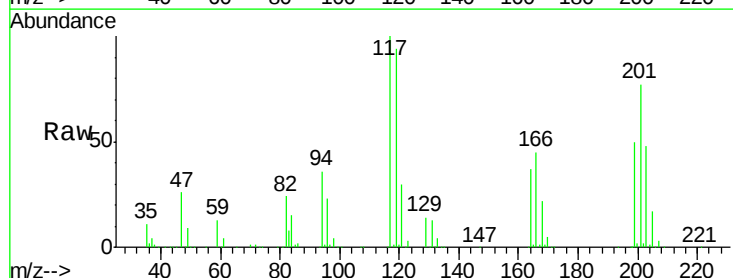
Instrument :
BNA_F
ClientSampleId :

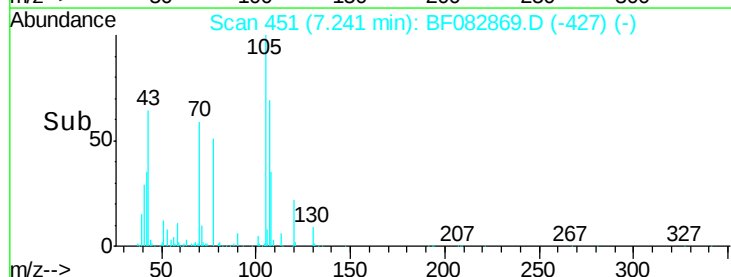
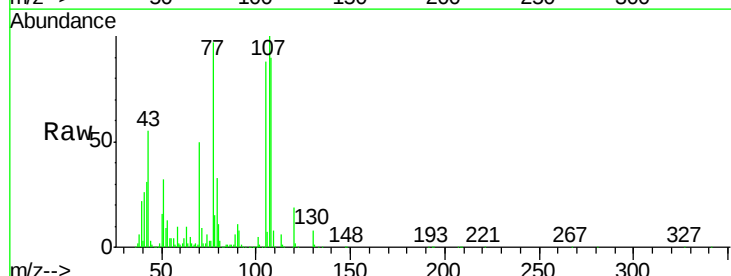
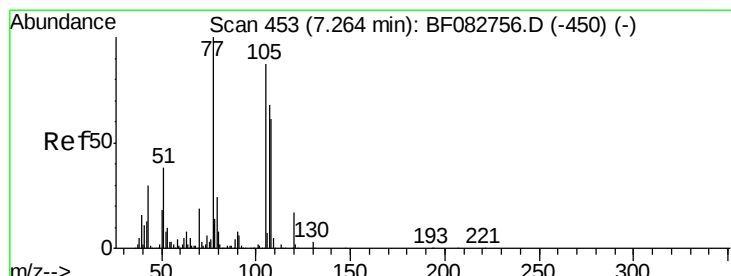
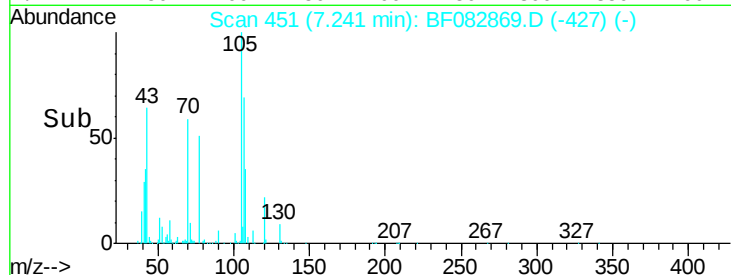
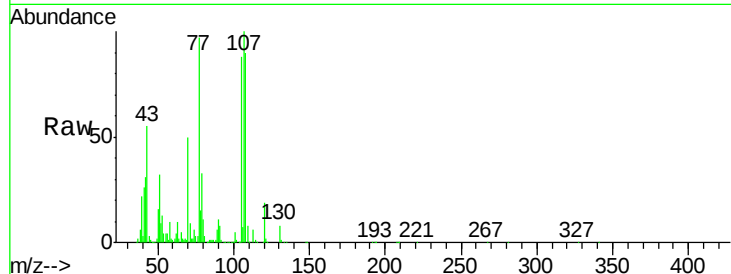
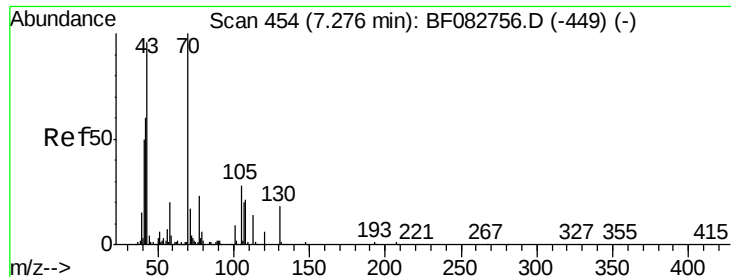
Tot Ion:	107	Resp:	636195
Ion	Ratio	Lower	Upper
107	100		
108	116.2	93.0	139.4
77	52.0	44.1	66.1
79	51.8	43.6	65.4



#18
Hexachloroethane
Concen: 36.31 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.03 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Tgt Ion:	117	Resp:	299118
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.7	116.5
201	76.8	66.7	100.1

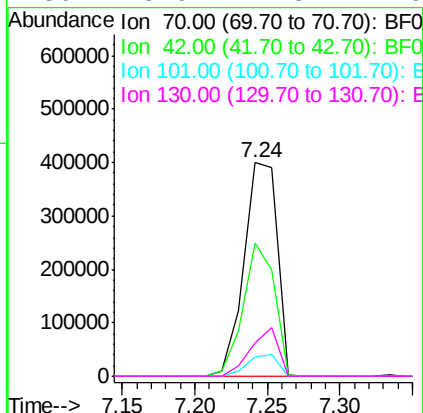




#19
n-Nitroso-di-n-propylamine
Concen: 36.68 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

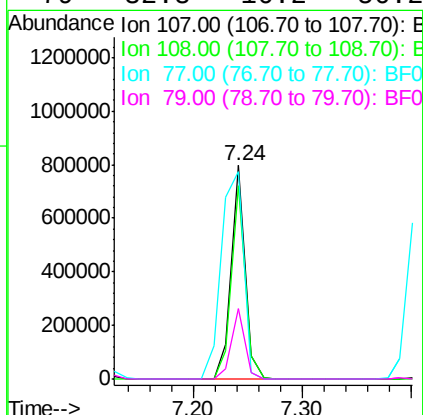
Instrument :
BNA_F
ClientSampleId :

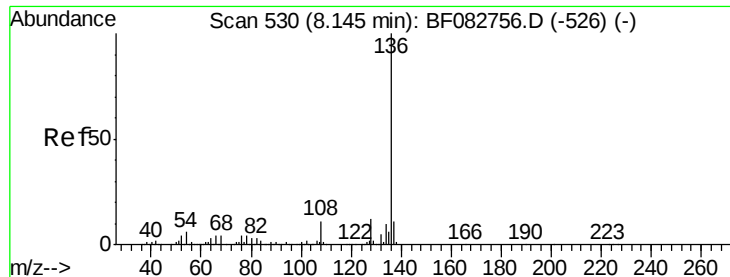
Tot Ion: 70 Resp: 634733
Ion Ratio Lower Upper
70 100
42 62.2 57.7 86.5
101 9.1 7.0 10.6
130 15.9 11.8 17.6



#20
3+4-Methylphenols
Concen: 32.24 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Tgt Ion: 107 Resp: 696797
Ion Ratio Lower Upper
107 100
108 90.4 67.3 107.3
77 97.3 100.3 140.3#
79 32.8 16.2 56.2

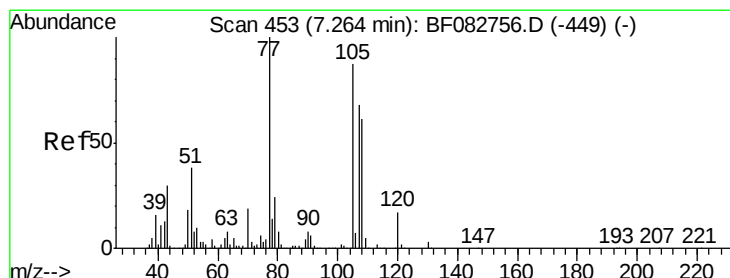
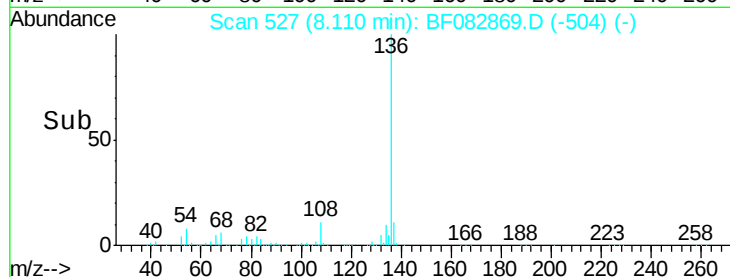
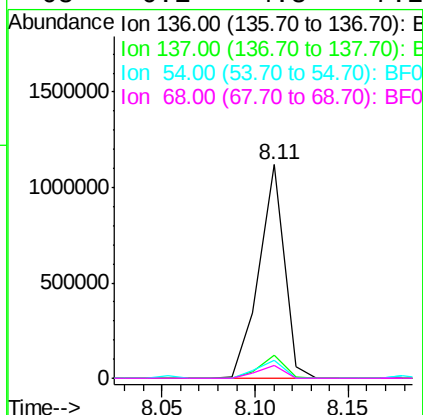
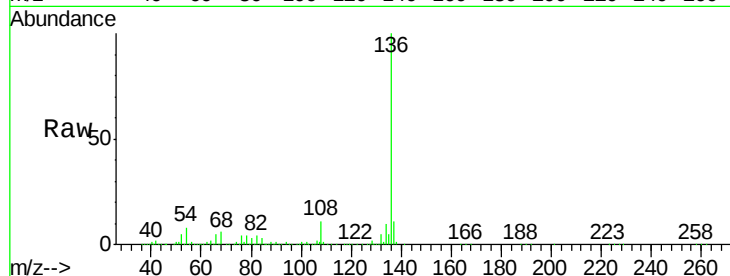




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

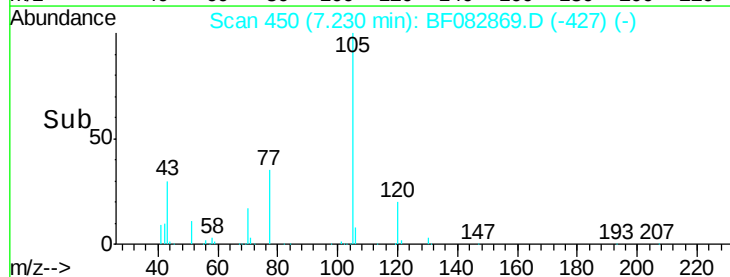
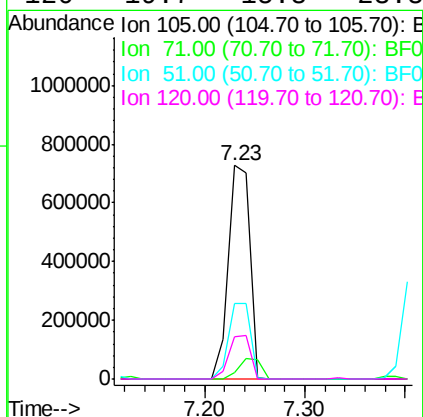
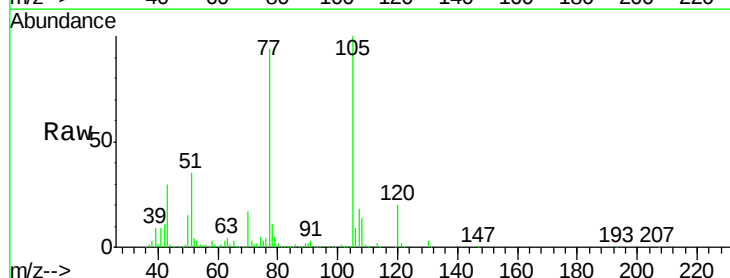
Instrument :
BNA_F
ClientSampleId :

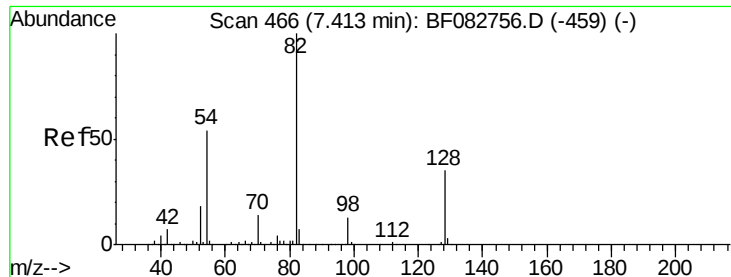
Tot Ion:136	Resp: 1049040
Ion Ratio	Lower Upper
136 100	
137 11.0	9.1 13.7
54 8.3	9.1 13.7#
68 6.1	4.8 7.2



#22
Acetophenone
Concen: 35.91 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Tgt	Ion:105	Resp:	1079517
Ion	Ratio	Lower	Upper
105	100		
71	2.8	5.6	8.4#
51	35.2	24.9	37.3
120	19.7	15.8	23.8





#23

Nitrobenzene-d5

Concen: 71.79 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.02 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

Instrument :

BNA_F

ClientSampleId :

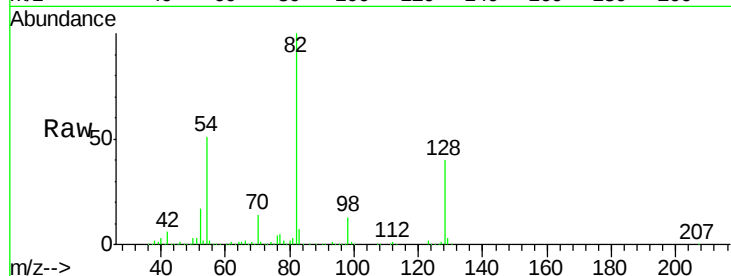
Tot Ion: 82 Resp: 1730758

Ion Ratio Lower Upper

82 100

128 40.1 26.8 40.2

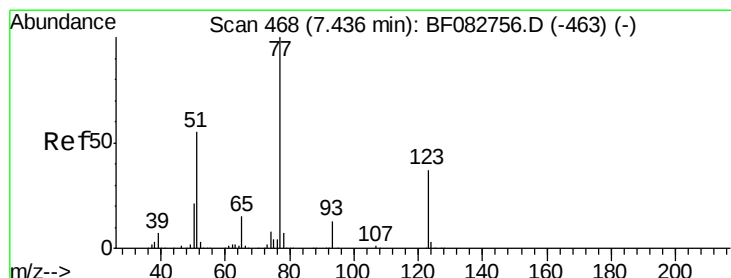
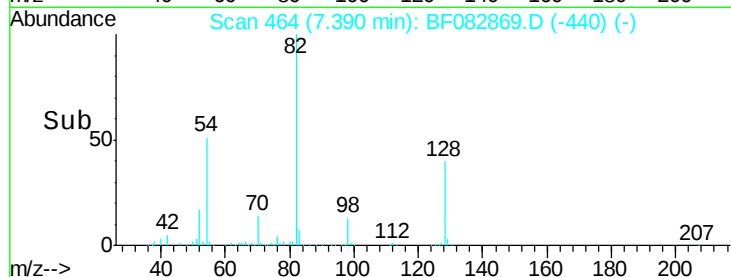
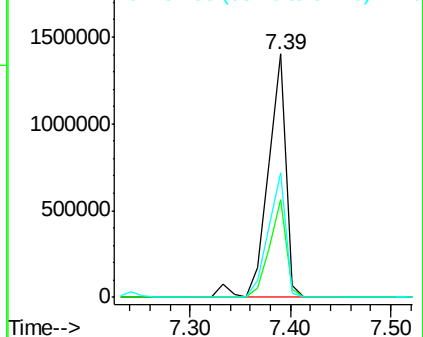
54 51.3 45.7 68.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 35.95 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

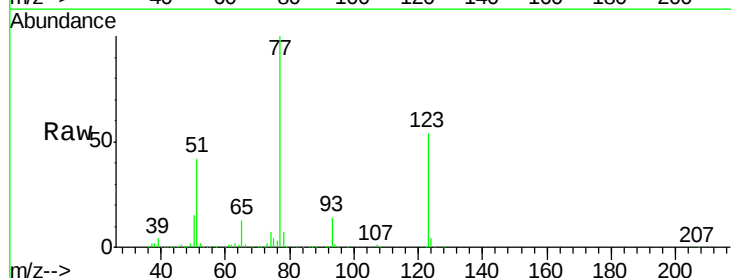
Tgt Ion: 77 Resp: 886236

Ion Ratio Lower Upper

77 100

123 54.3 36.4 54.6

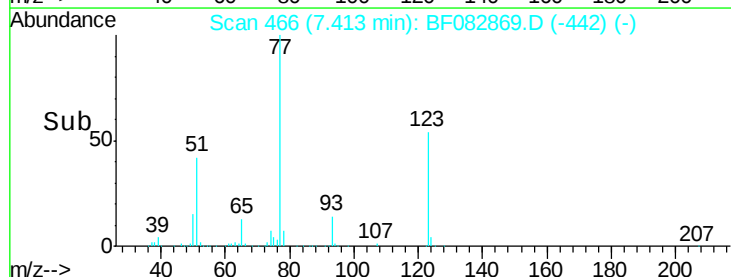
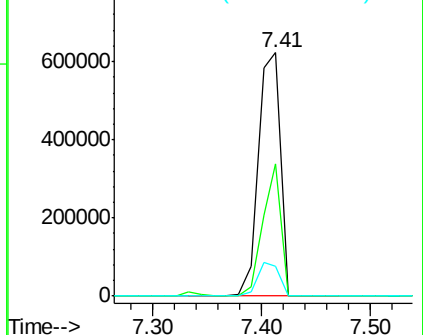
65 12.5 11.5 17.3

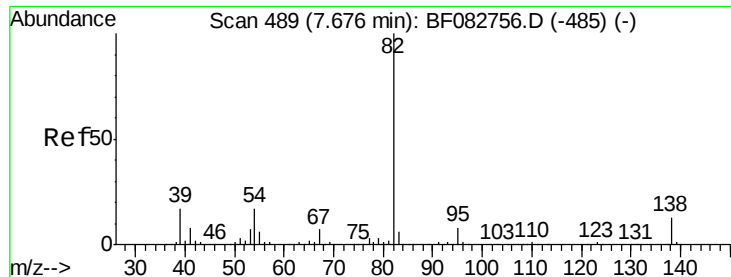


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

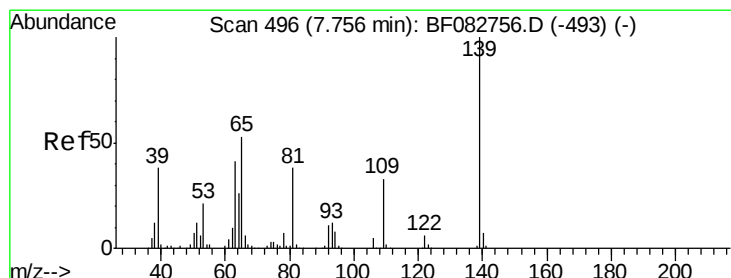
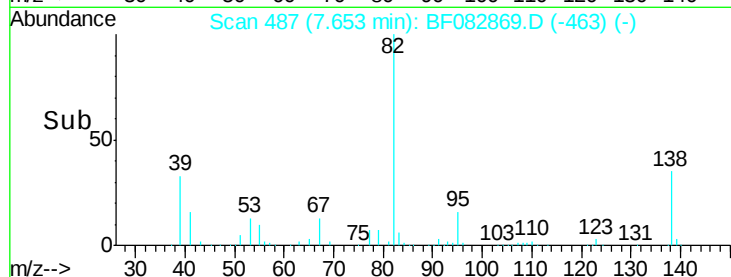
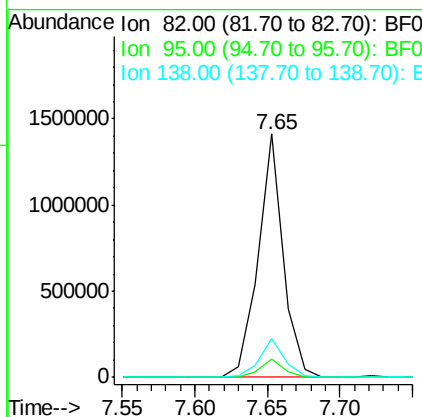
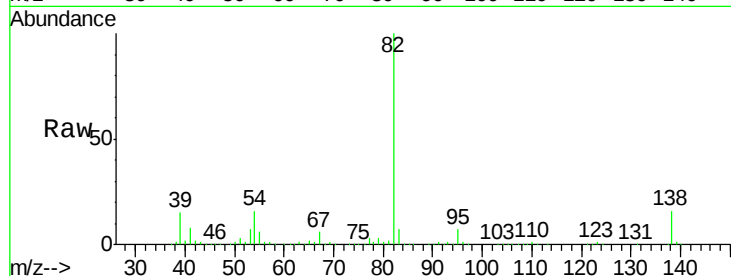




#25
Isophorone
Concen: 37.86 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

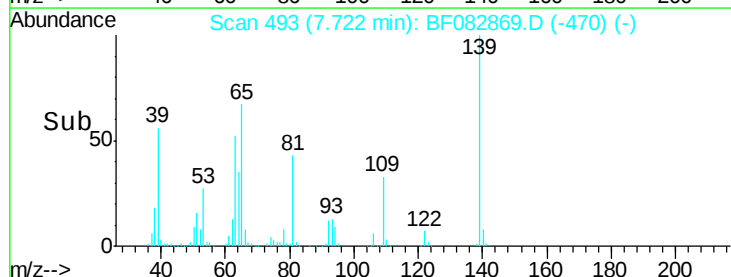
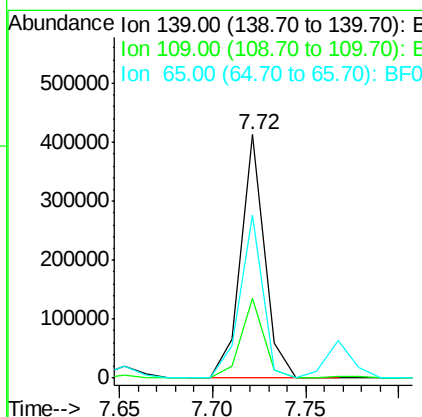
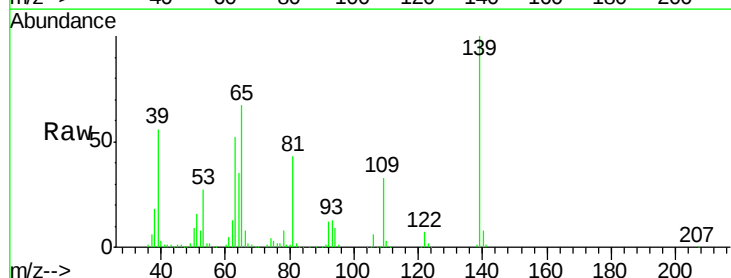
Instrument :
BNA_F
ClientSampleId :

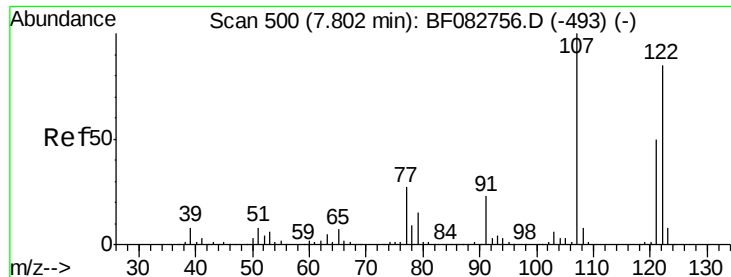
Tot Ion: 82 Resp: 1688968
Ion Ratio Lower Upper
82 100
95 7.3 6.6 9.8
138 15.7 11.4 17.0



#26
2-Nitrophenol
Concen: 35.94 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Tgt Ion: 139 Resp: 369843
Ion Ratio Lower Upper
139 100
109 32.6 37.6 56.4#
65 67.0 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 35.20 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

Instrument :

BNA_F

ClientSampleId :

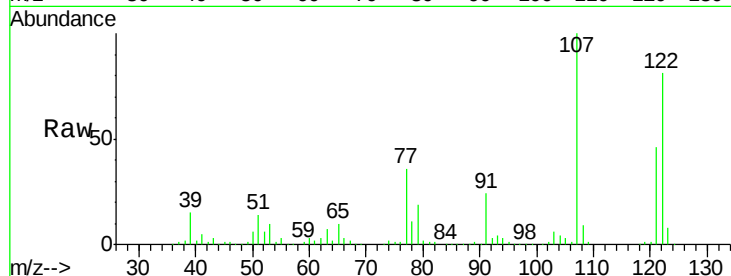
Tot Ion:122 Resp: 650874

Ion Ratio Lower Upper

122 100

107 123.9 106.0 159.0

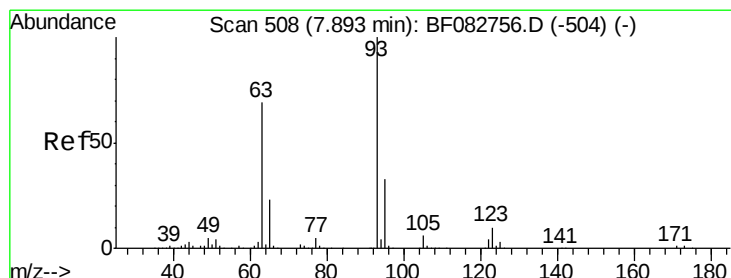
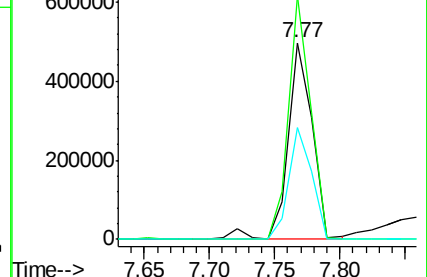
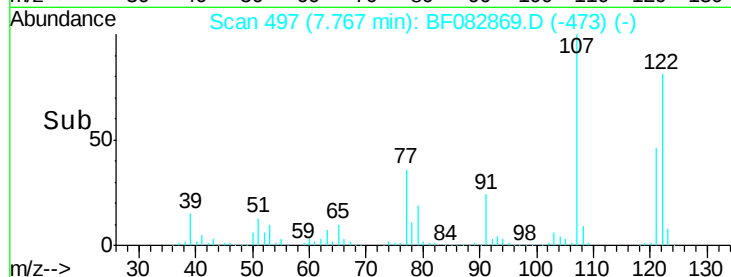
121 57.1 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.77 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

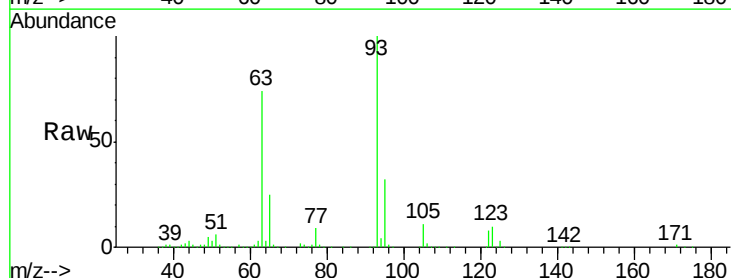
Tgt Ion: 93 Resp: 925134

Ion Ratio Lower Upper

93 100

95 32.5 26.6 40.0

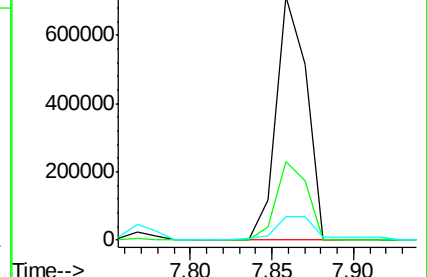
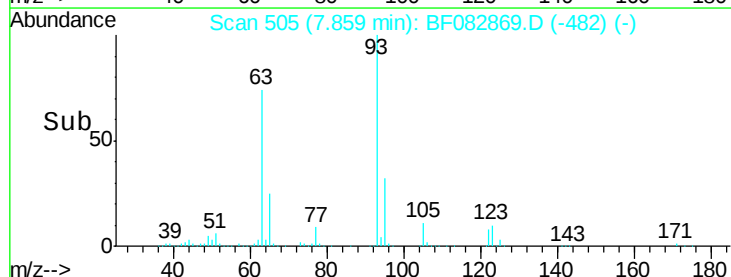
123 9.7 9.7 14.5

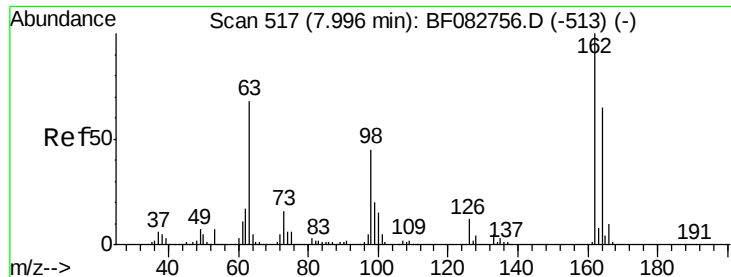


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

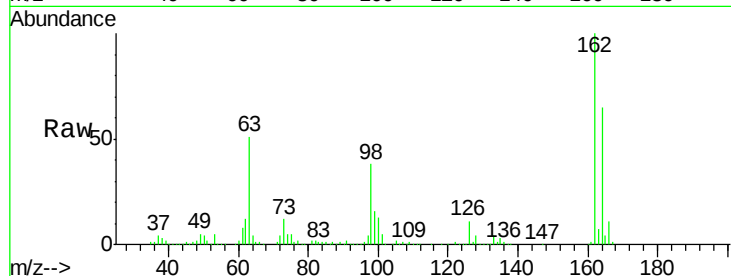




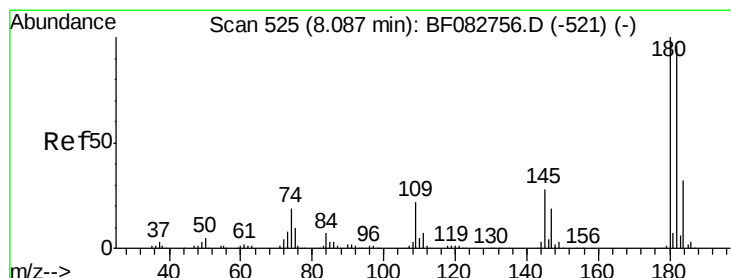
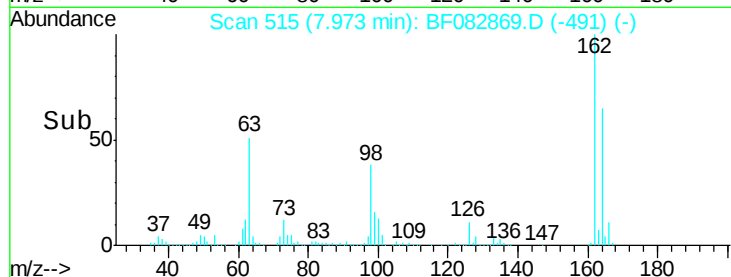
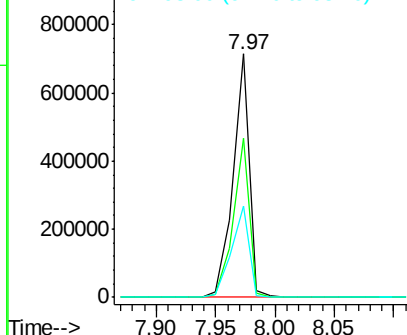
#29
 2,4-Dichlorophenol
 Concen: 40.36 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.02 min
 Lab File: BF082869.D
 Acq: 10 Nov 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	46.8	86.8
98	37.6	12.5	52.5

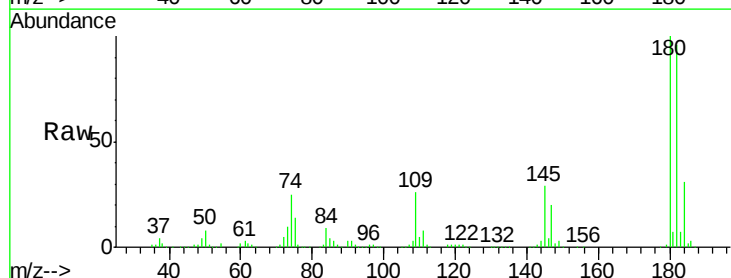


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

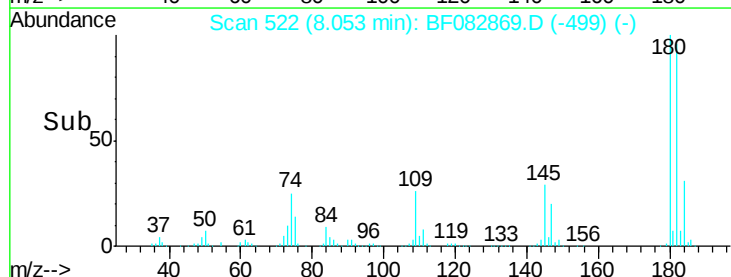
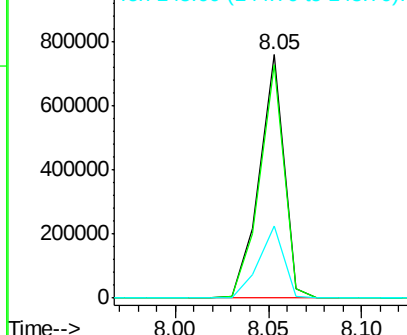


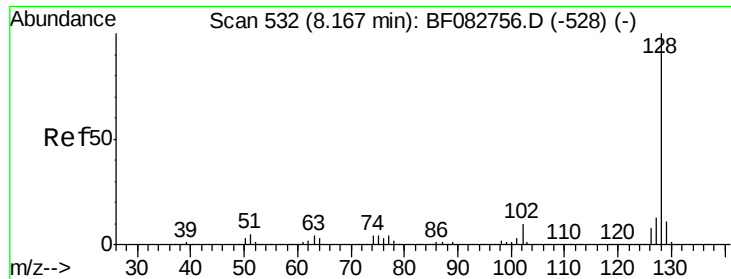
#30
 1,2,4-Trichlorobenzene
 Concen: 36.98 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.03 min
 Lab File: BF082869.D
 Acq: 10 Nov 2015 14:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	74.9	112.3
145	29.5	27.8	41.8



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

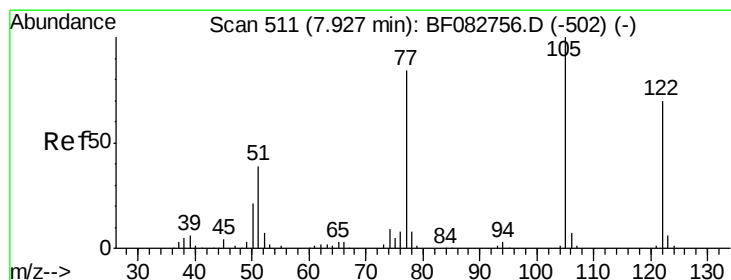
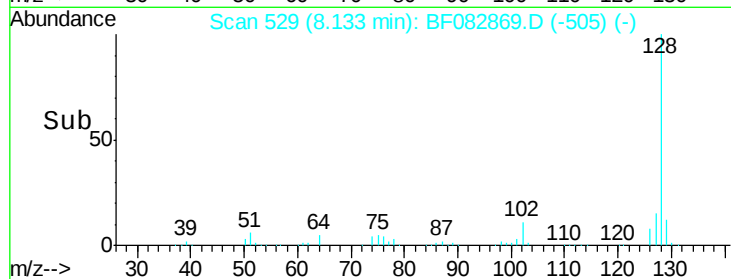
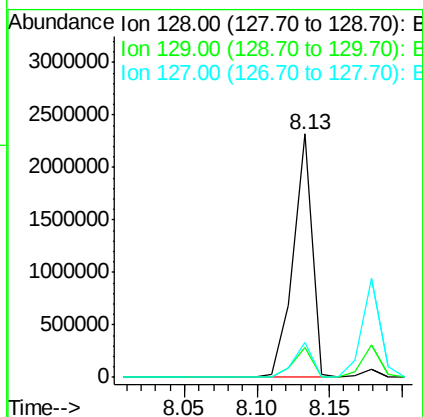
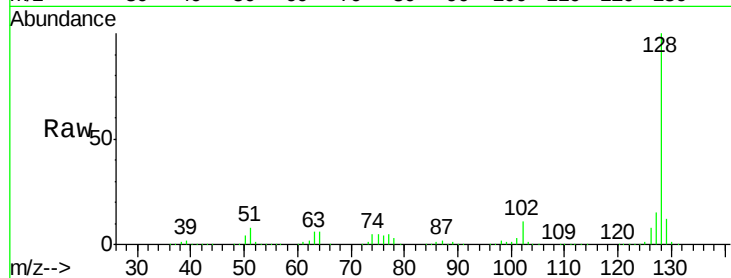




#31
Naphthalene
Concen: 36.40 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

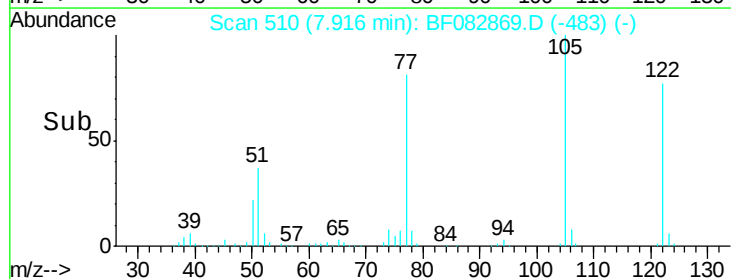
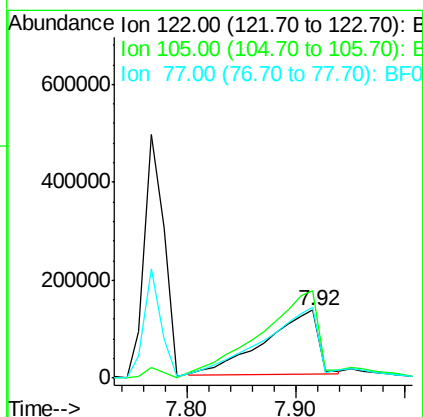
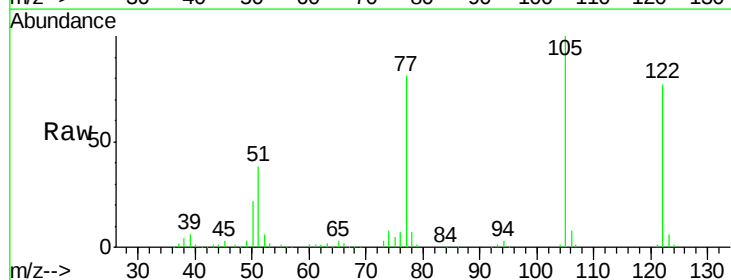
Instrument :
BNA_F
ClientSampleId :

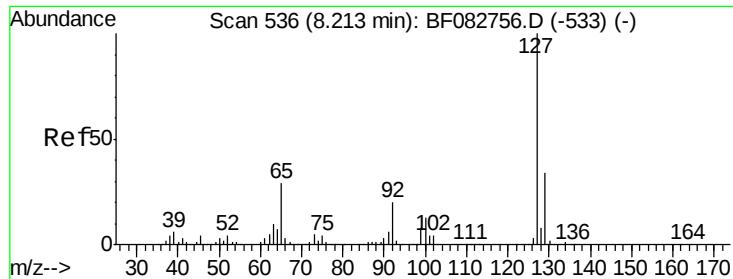
Tot Ion:128 Resp: 2106989
Ion Ratio Lower Upper
128 100
129 12.3 9.5 14.3
127 14.6 11.4 17.0



#32
Benzoic acid
Concen: 35.85 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Tgt Ion:122 Resp: 453914
Ion Ratio Lower Upper
122 100
105 129.3 122.6 162.6
77 104.4 100.9 140.9

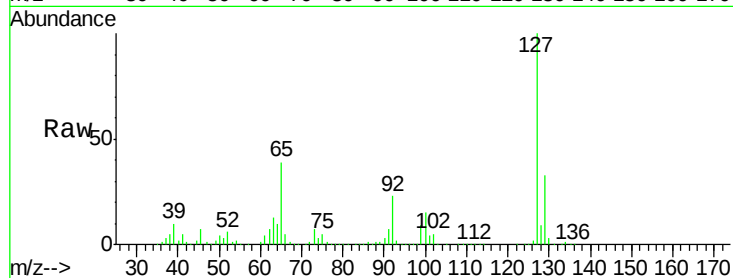




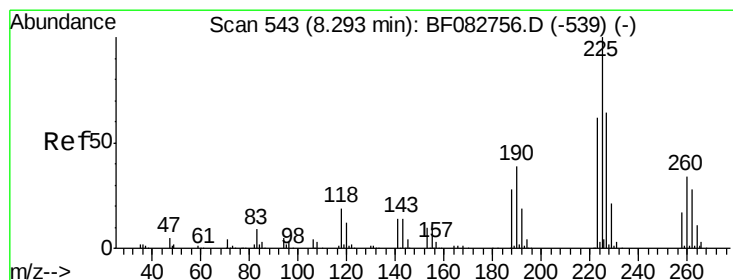
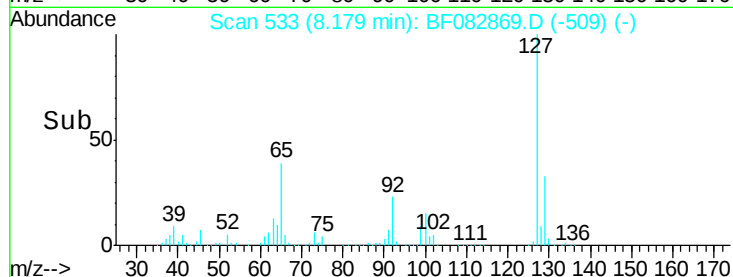
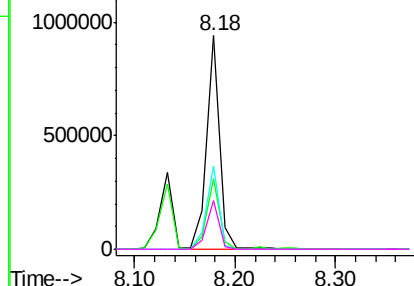
#33
4-Chloroaniline
Concen: 33.71 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	840961
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.3	39.5
65	39.2	37.8	56.8
92	23.0	20.6	31.0

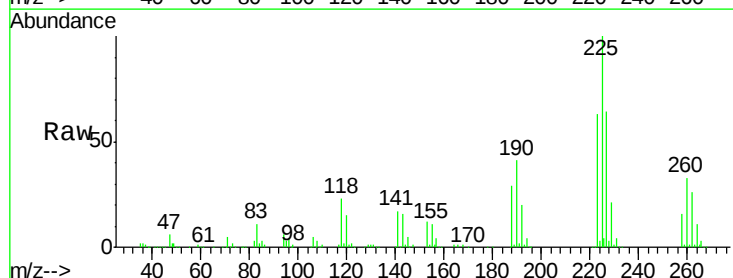


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

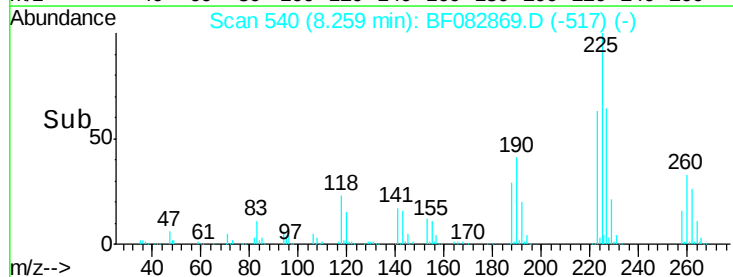
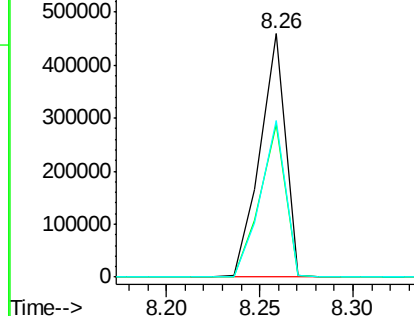


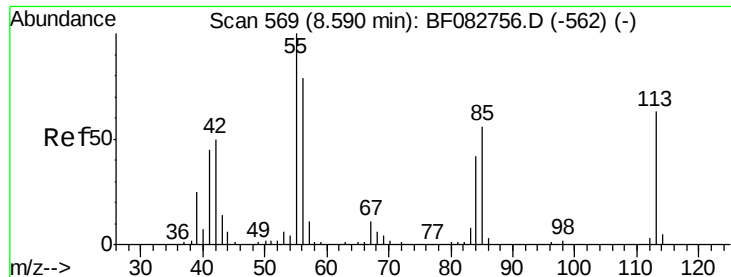
#34
Hexachlorobutadiene
Concen: 36.84 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.03 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Tgt Ion:	225	Resp:	433344
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.5	75.7
227	64.5	50.2	75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

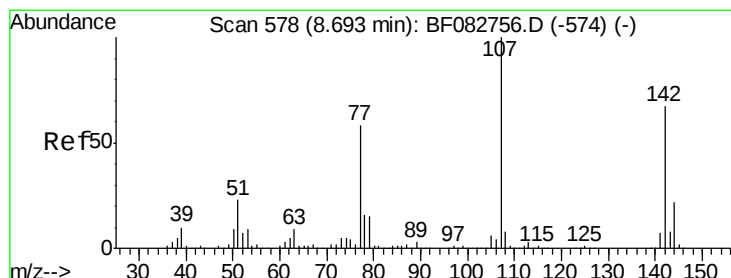
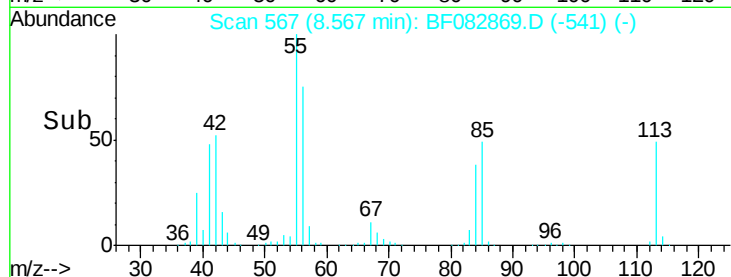
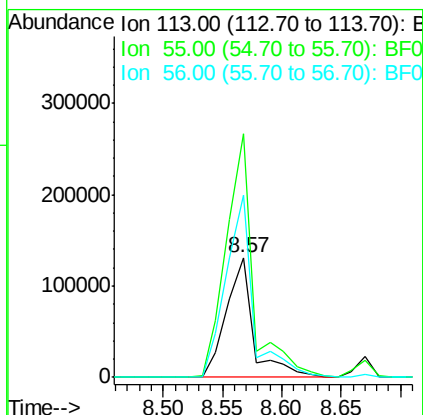
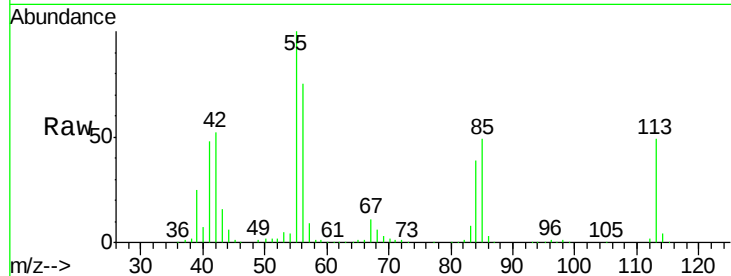




#35
Caprolactam
Concen: 39.54 ng
RT: 8.57 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

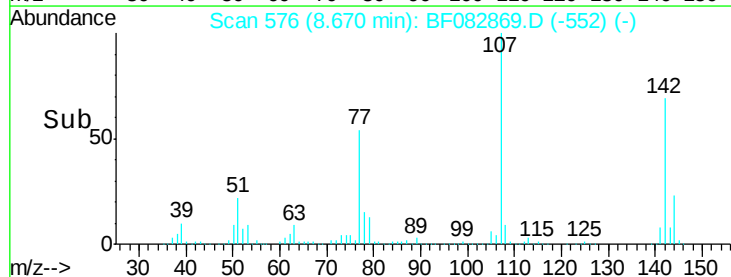
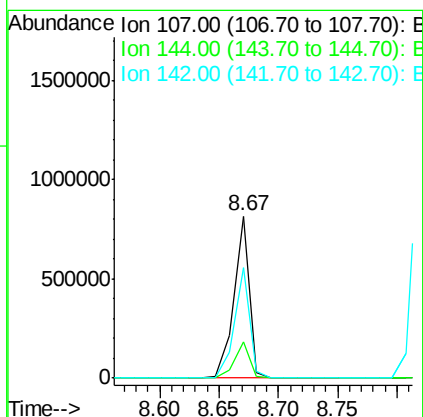
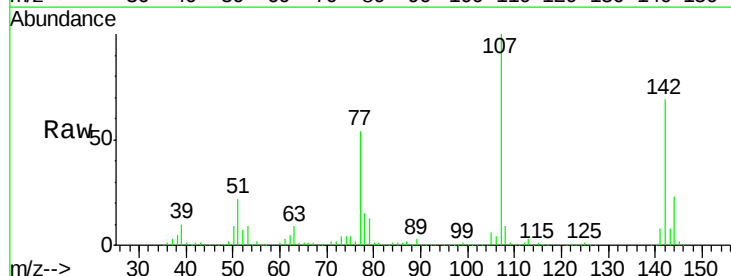
Instrument :
BNA_F
ClientSampleId :

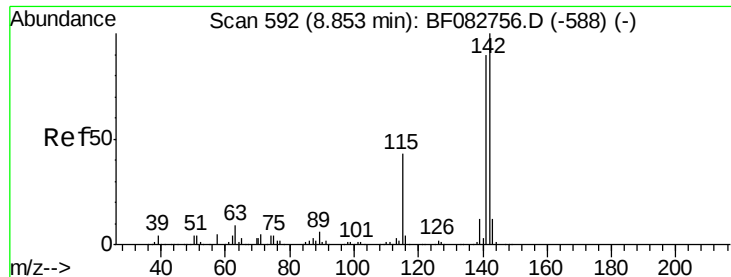
Tot Ion:113 Resp: 208339
Ion Ratio Lower Upper
113 100
55 203.3 195.5 235.5
56 151.9 153.5 193.5#



#36
4-Chloro-3-methylphenol
Concen: 37.37 ng
RT: 8.67 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Tgt Ion:107 Resp: 734480
Ion Ratio Lower Upper
107 100
144 22.6 15.4 23.0
142 68.6 47.8 71.8

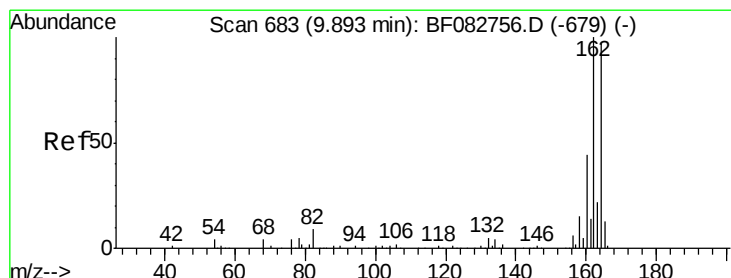
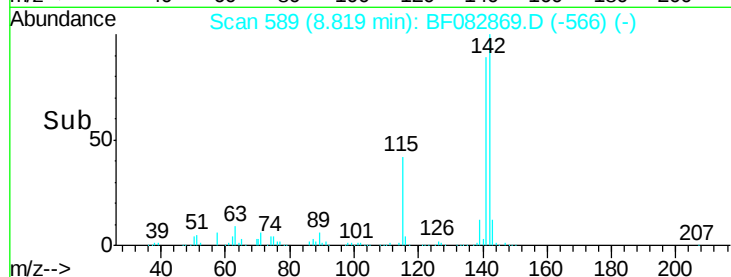
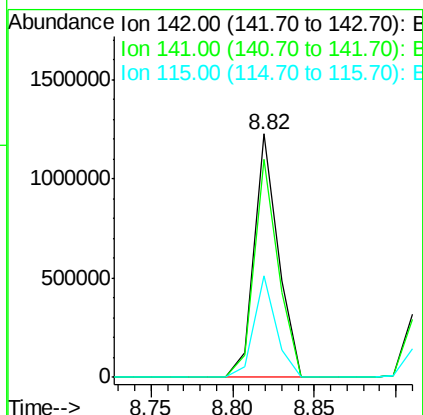
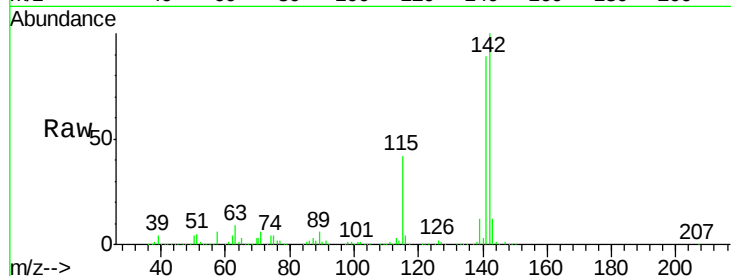




#37
2-Methylnaphthalene
Concen: 33.65 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.03 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

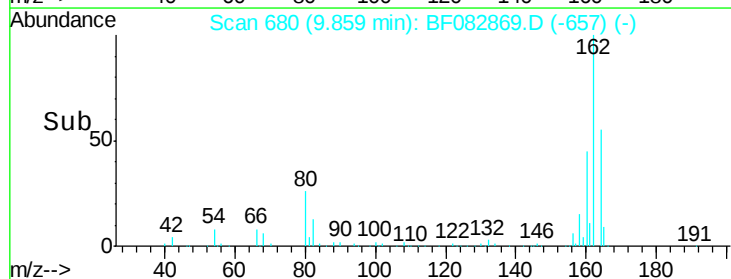
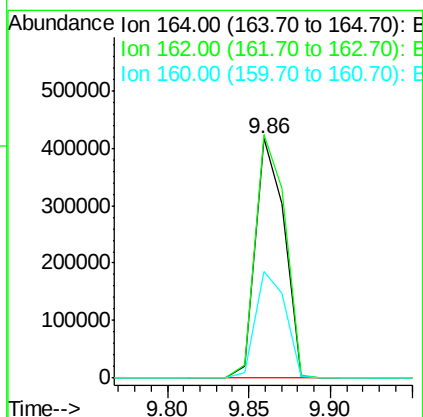
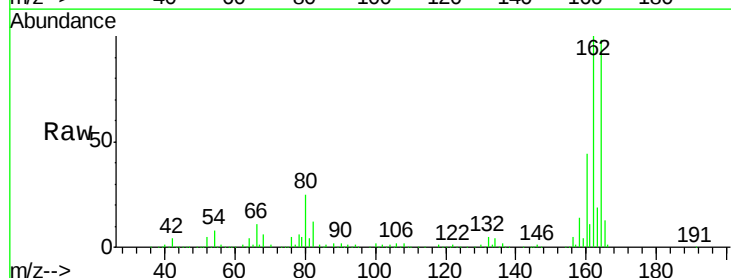
Instrument :
BNA_F
ClientSampleId :

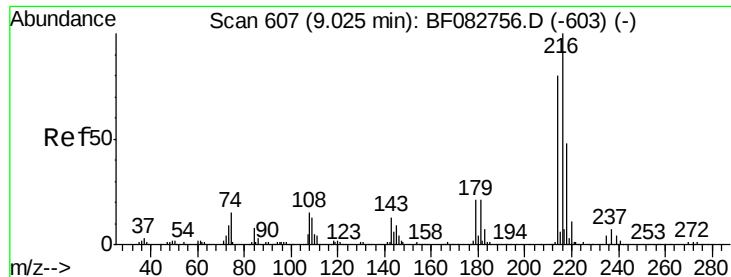
Tot Ion:142 Resp: 1260101
Ion Ratio Lower Upper
142 100
141 89.3 72.3 108.5
115 41.7 38.1 57.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Tgt Ion:164 Resp: 510184
Ion Ratio Lower Upper
164 100
162 101.8 84.9 127.3
160 44.5 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.76 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.03 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 616232

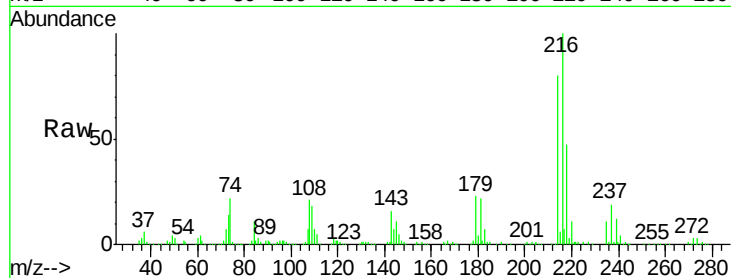
Ion Ratio Lower Upper

216 100

214 79.7 62.2 93.2

179 23.1 18.1 27.1

108 22.3 16.6 25.0

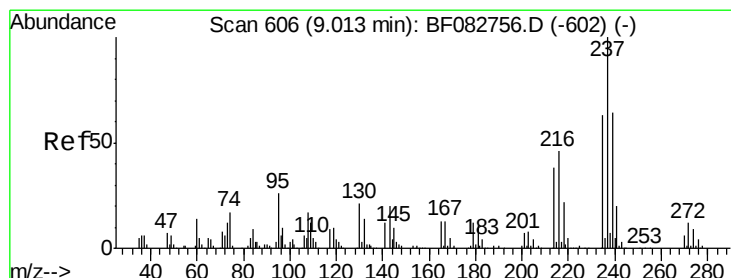
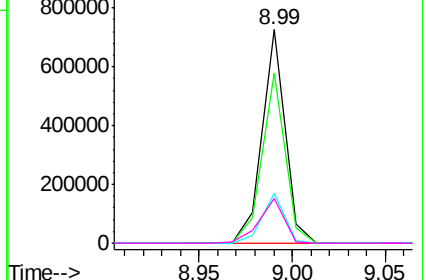
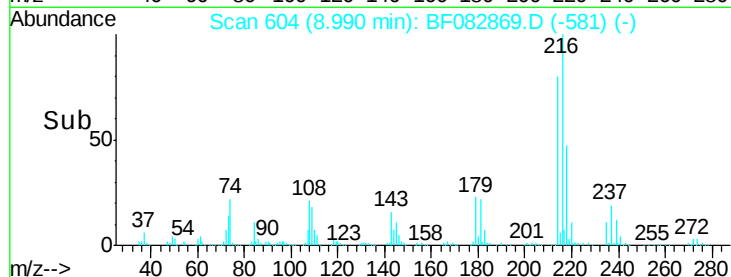


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.99 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.03 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

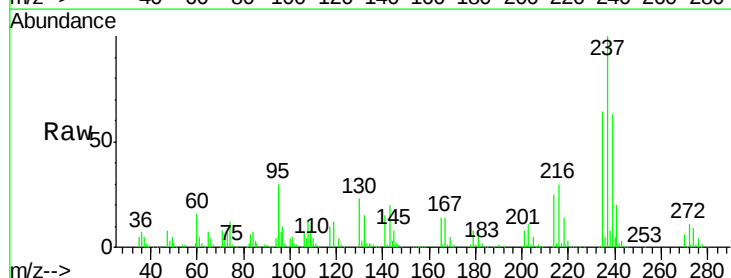
Tgt Ion:237 Resp: 342198

Ion Ratio Lower Upper

237 100

235 64.2 44.3 84.3

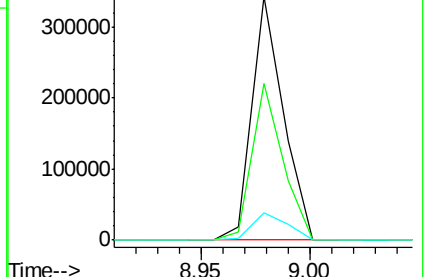
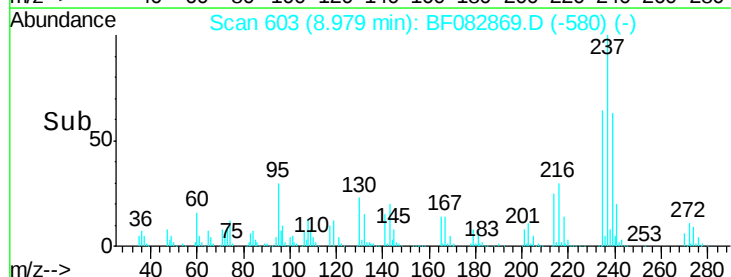
272 11.2 0.0 31.9

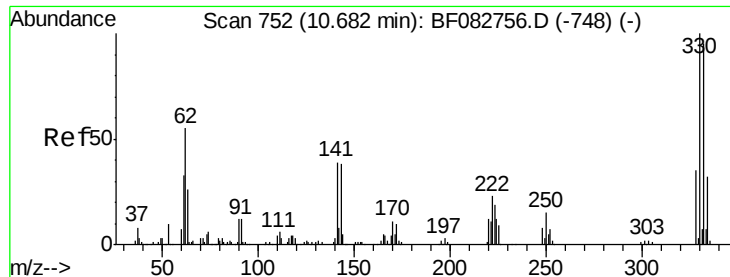


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

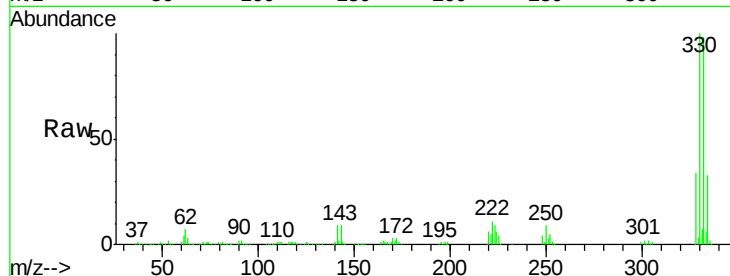




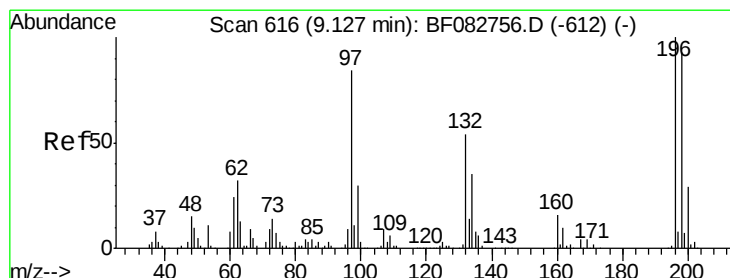
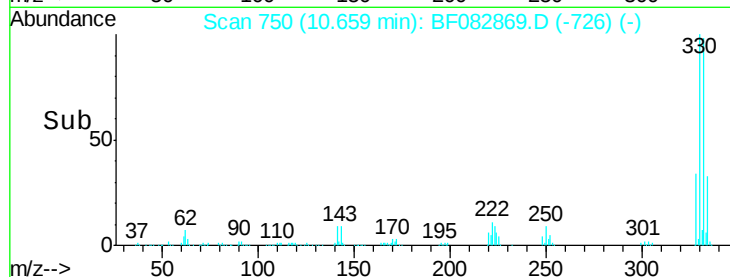
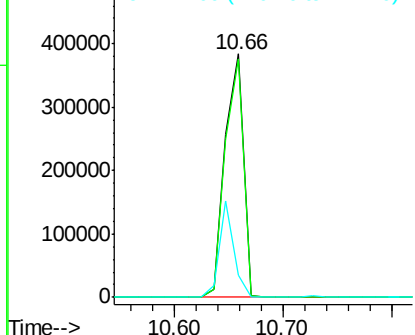
#41
 2,4,6-Tribromophenol
 Concen: 77.47 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082869.D
 Acq: 10 Nov 2015 14:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 453192
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 31.5 41.2 61.8#

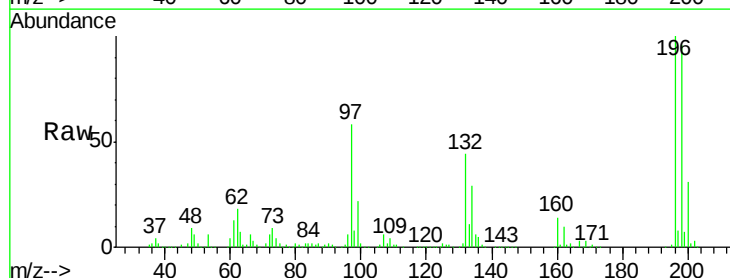


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

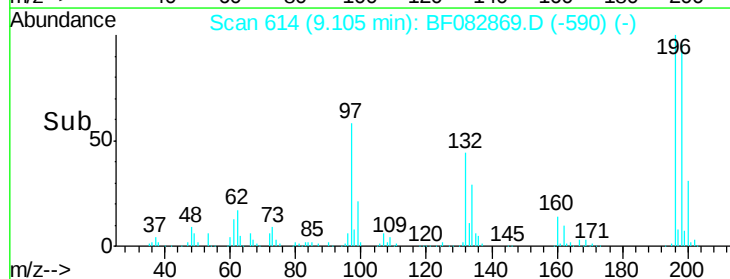
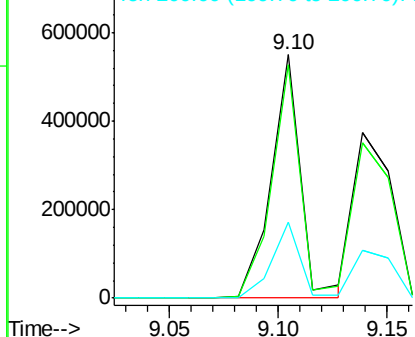


#42
 2,4,6-Trichlorophenol
 Concen: 41.51 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF082869.D
 Acq: 10 Nov 2015 14:36

Tgt Ion:196 Resp: 519447
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.3 114.5
 200 31.0 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

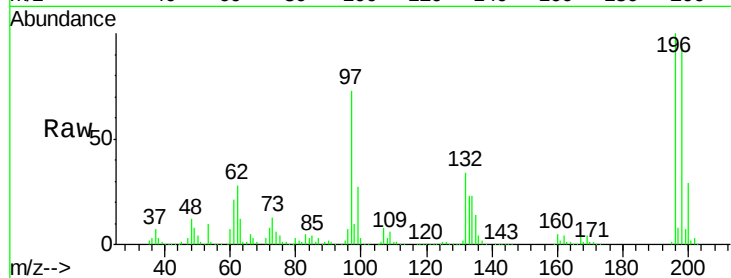




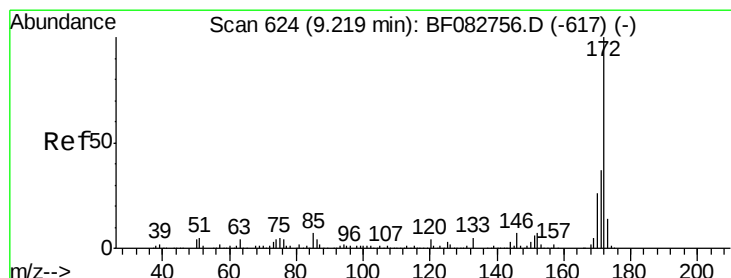
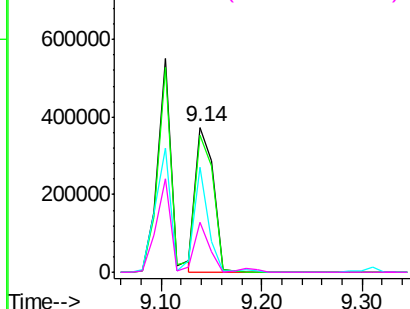
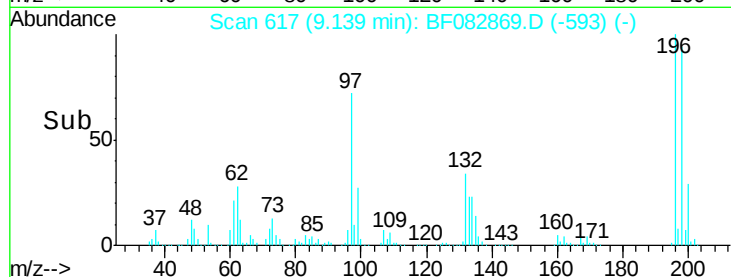
#43
 2,4,5-Trichlorophenol
 Concen: 37.35 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF082869.D
 Acq: 10 Nov 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 462312
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.8 113.8
 97 72.6 62.3 93.5
 132 34.2 27.4 41.2

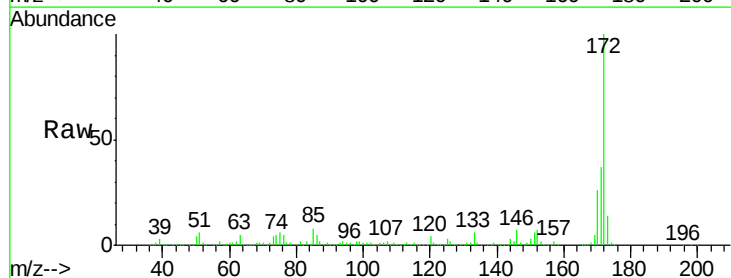


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

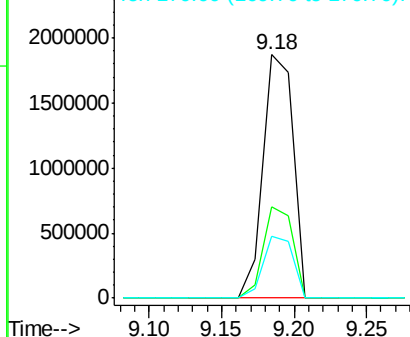
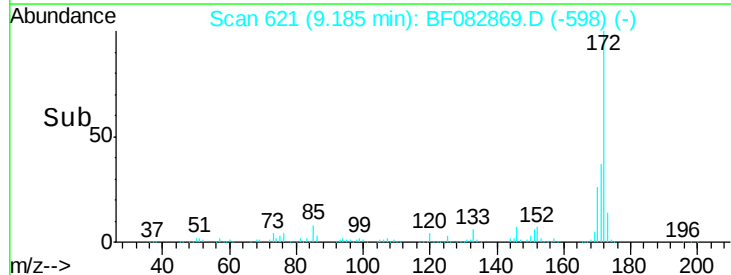


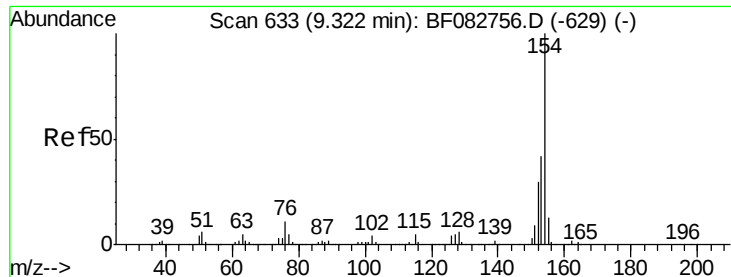
#44
 2-Fluorobiphenyl
 Concen: 75.52 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF082869.D
 Acq: 10 Nov 2015 14:36

Tgt Ion:172 Resp: 2688296
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.6 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



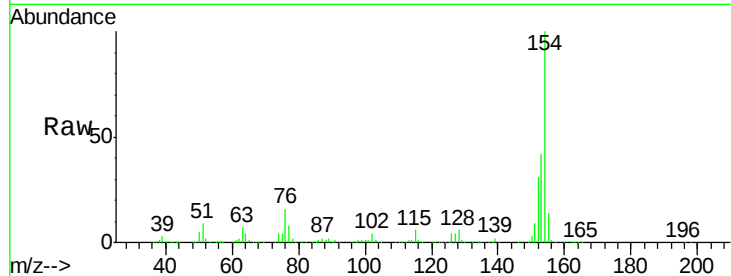


#45
 1,1'-Biphenyl
 Concen: 35.39 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.03 min
 Lab File: BF082869.D
 Acq: 10 Nov 2015 14:36

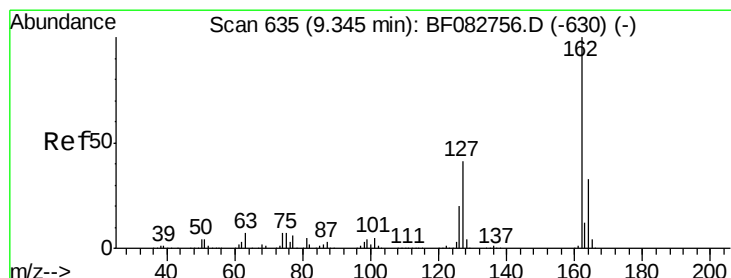
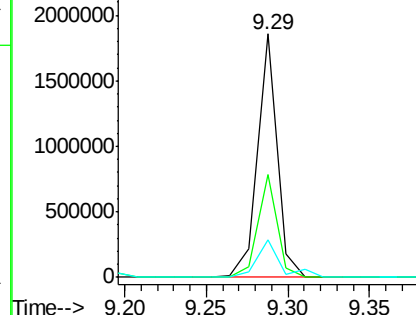
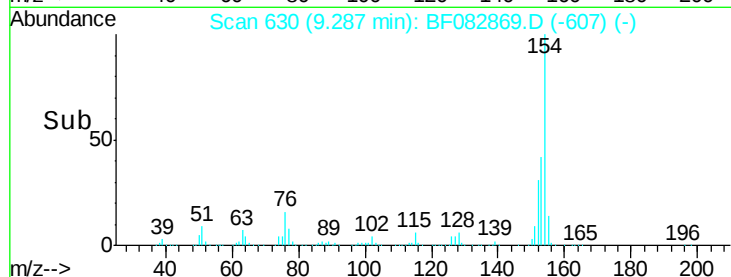
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 1549217

Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.0	62.0
76	15.6	0.0	29.0



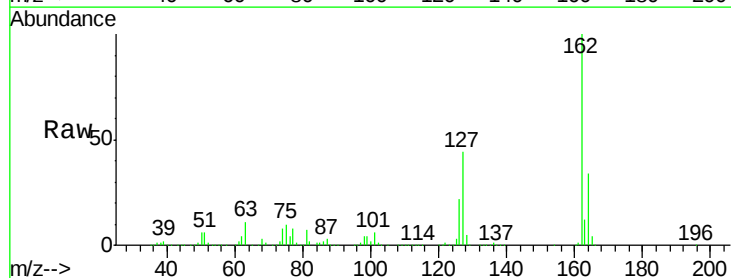
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



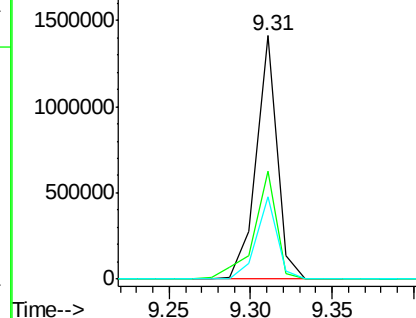
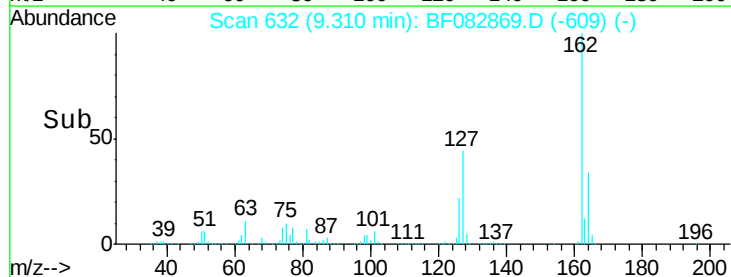
#46
 2-Chloronaphthalene
 Concen: 36.82 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.03 min
 Lab File: BF082869.D
 Acq: 10 Nov 2015 14:36

Tgt Ion:162 Resp: 1257415

Ion	Ratio	Lower	Upper
162	100		
127	44.4	32.7	49.1
164	34.0	27.4	41.0



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

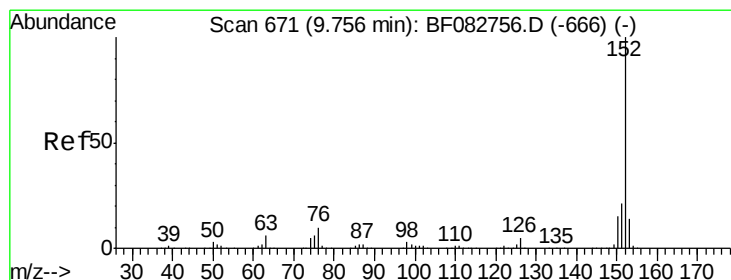
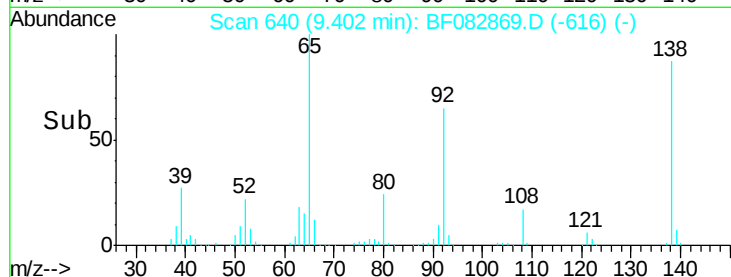
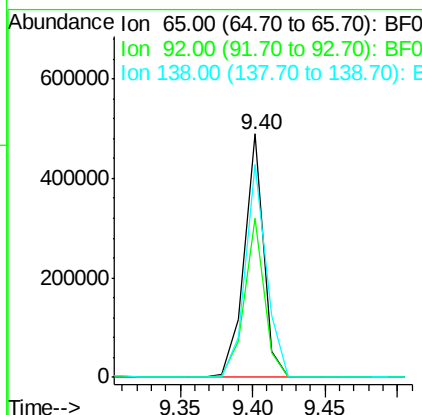
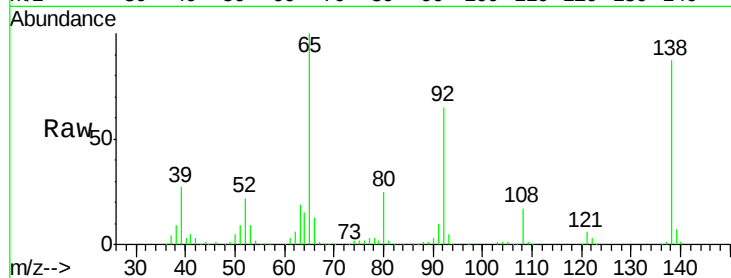




#47
2-Nitroaniline
Concen: 35.99 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

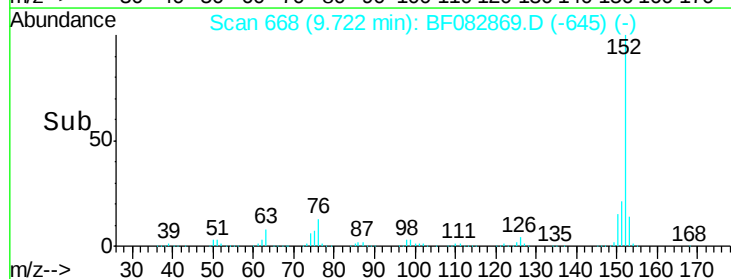
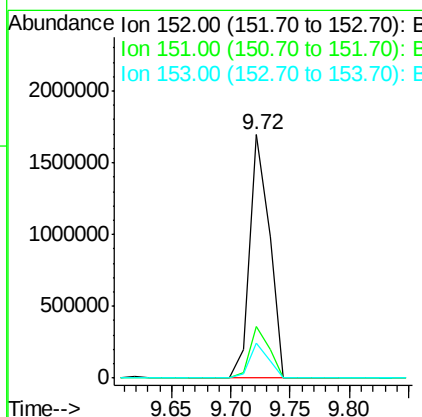
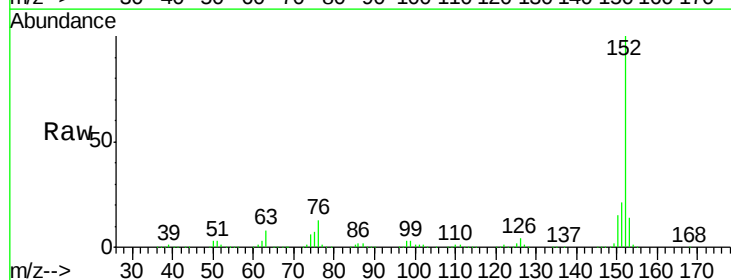
Instrument :
BNA_F
ClientSampleId :

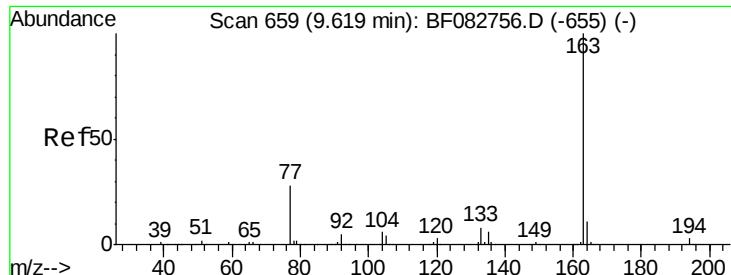
Tot Ion: 65 Resp: 455862
Ion Ratio Lower Upper
65 100
92 65.4 46.6 70.0
138 87.4 54.6 81.8#



#48
Acenaphthylene
Concen: 36.94 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Tgt Ion:152 Resp: 1976986
Ion Ratio Lower Upper
152 100
151 21.2 17.3 25.9
153 14.3 11.3 16.9

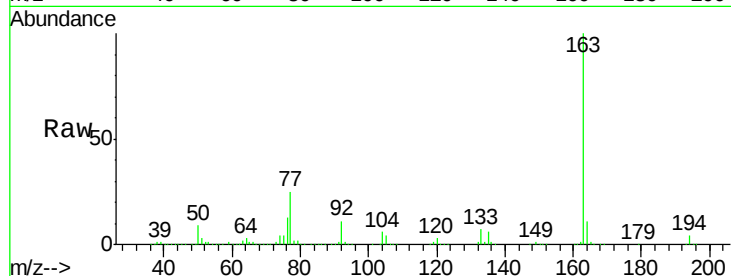




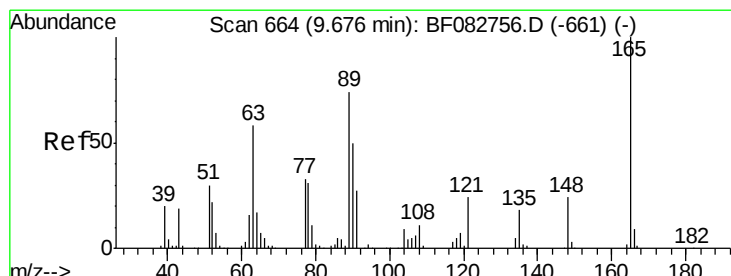
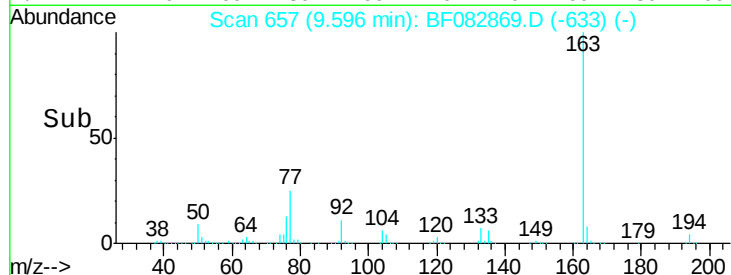
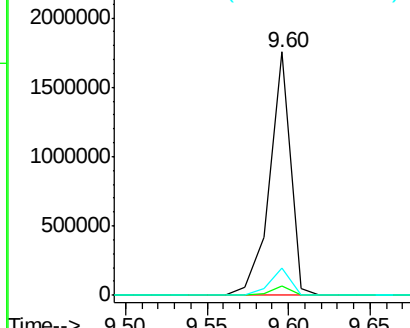
#49
Dimethylphthalate
Concen: 37.60 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1571793
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 11.0 8.7 13.1

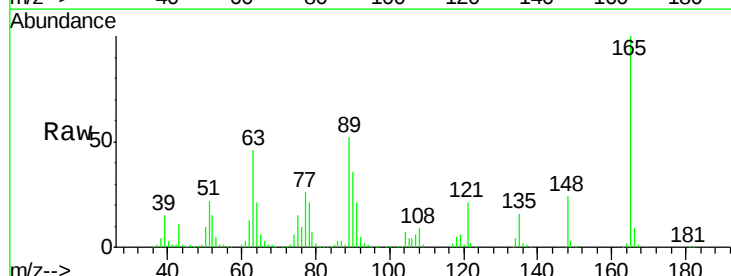


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

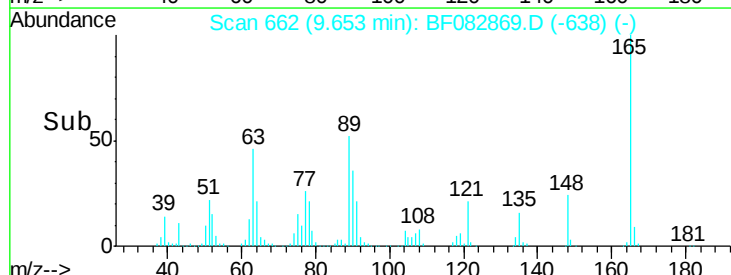
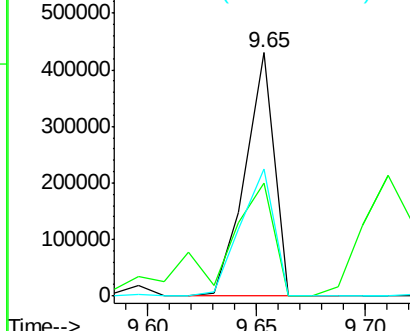


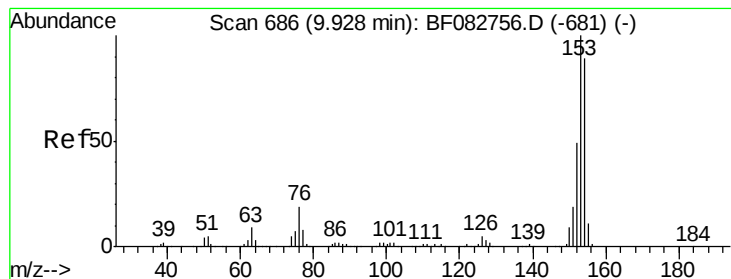
#50
2,6-Dinitrotoluene
Concen: 45.16 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Tgt Ion:165 Resp: 402749
Ion Ratio Lower Upper
165 100
63 46.4 55.5 83.3#
89 52.4 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: 39.61 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

Instrument :

BNA_F

ClientSampleId :

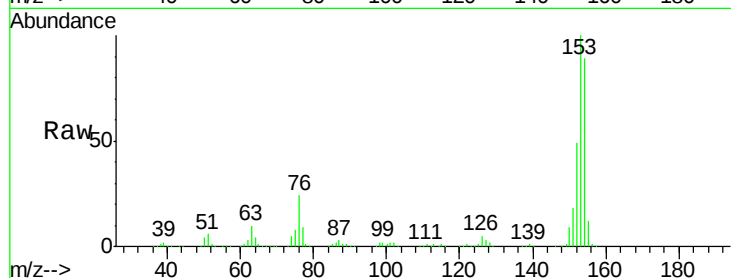
Tot Ion:154 Resp: 1343577

Ion Ratio Lower Upper

154 100

153 111.9 90.1 135.1

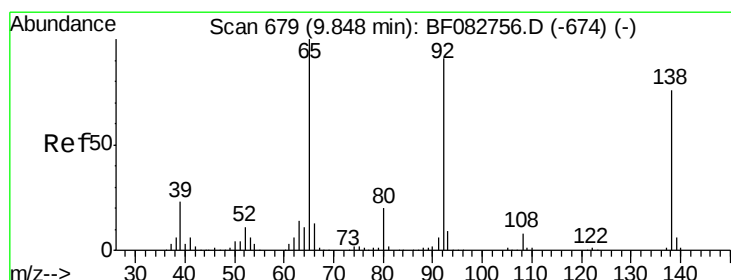
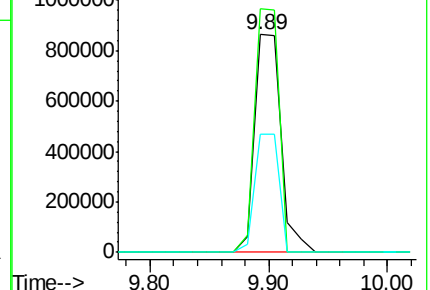
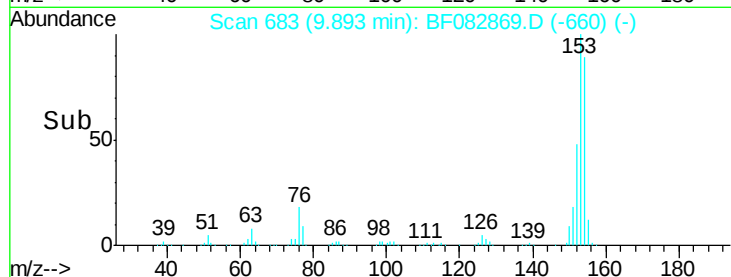
152 54.6 44.3 66.5



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: 42.72 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

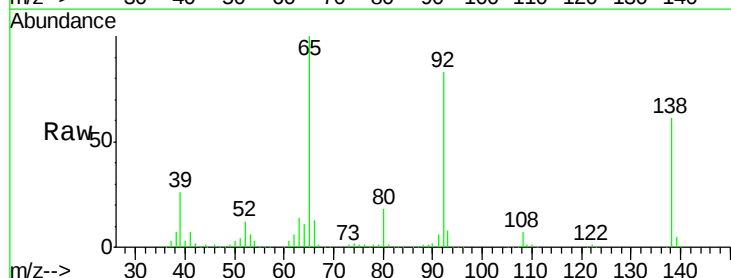
Tgt Ion:138 Resp: 419074

Ion Ratio Lower Upper

138 100

108 11.0 11.3 16.9#

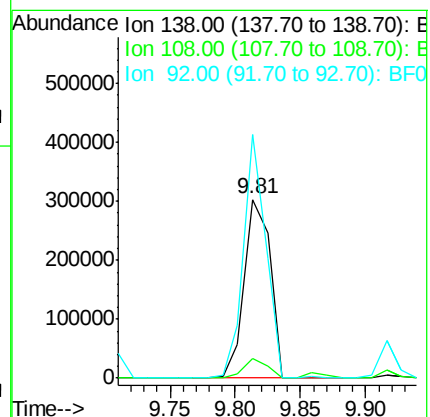
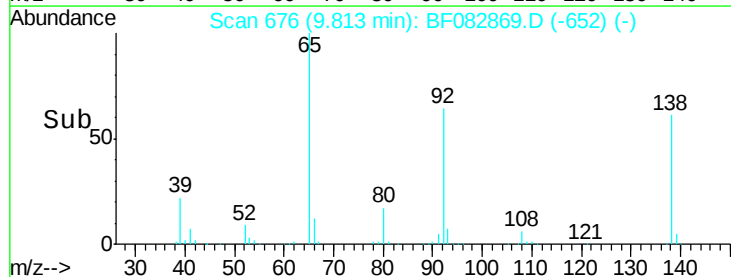
92 136.3 122.4 183.6

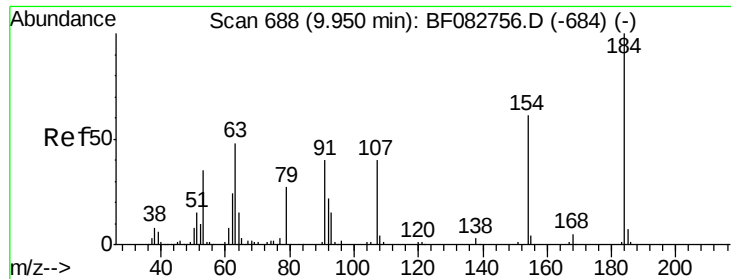


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

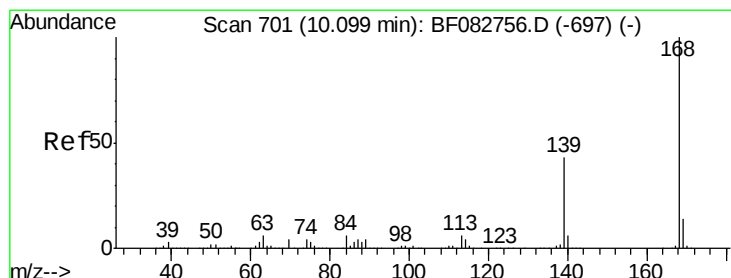
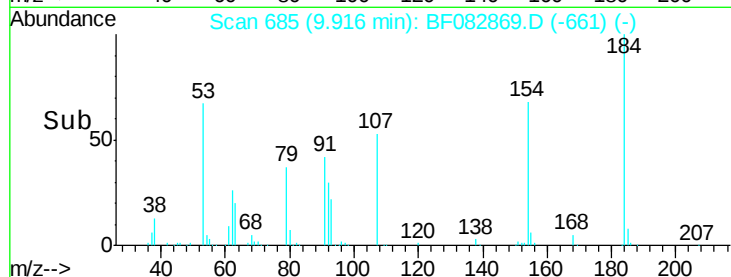
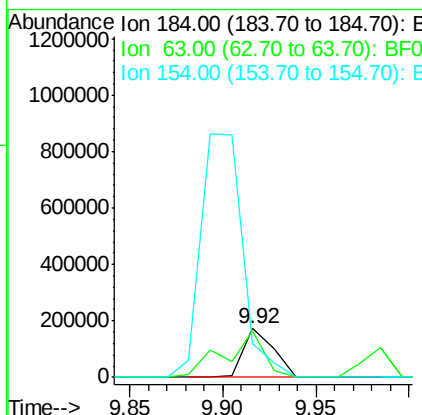
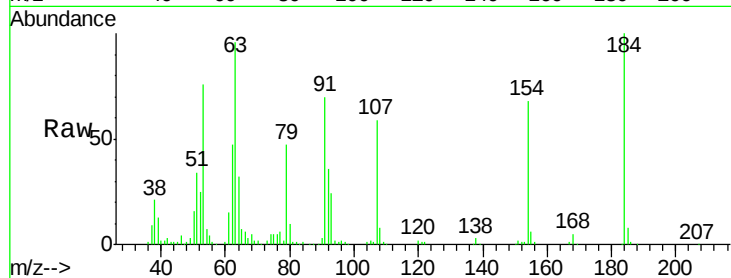




#53
2,4-Dinitrophenol
Concen: 40.40 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

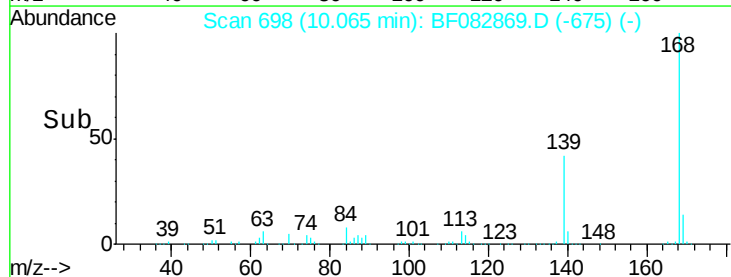
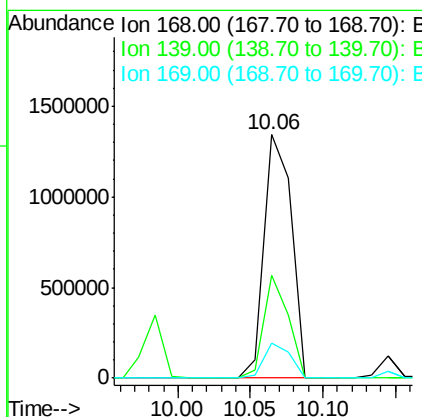
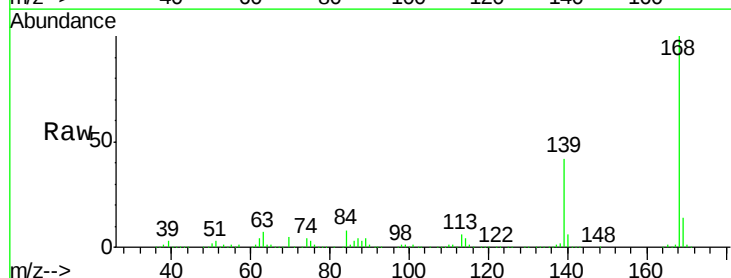
Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 197856
Ion Ratio Lower Upper
184 100
63 95.6 98.6 148.0#
154 67.9 183.9 275.9#



#54
Dibenzofuran
Concen: 38.23 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Tgt Ion:168 Resp: 1748251
Ion Ratio Lower Upper
168 100
139 42.4 37.8 56.6
169 14.5 11.3 16.9





#55

4-Nitrophenol

Concen: 44.36 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

Instrument :

BNA_F

ClientSampleId :

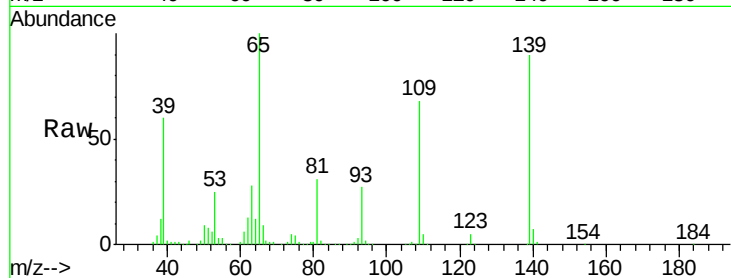
Tot Ion:139 Resp: 333828

Ion Ratio Lower Upper

139 100

109 75.1 73.7 113.7

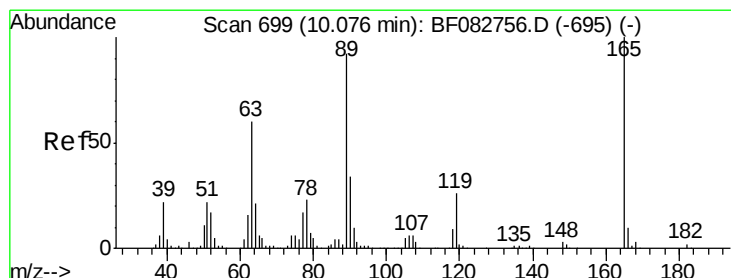
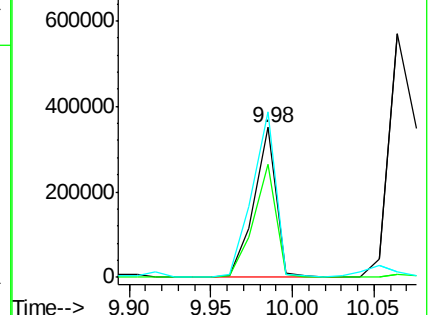
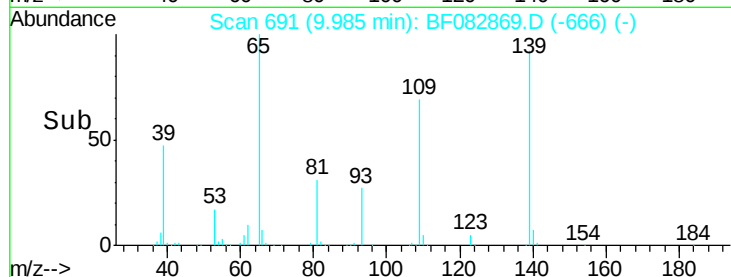
65 110.5 82.9 122.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.97 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

Tgt Ion:165 Resp: 495797

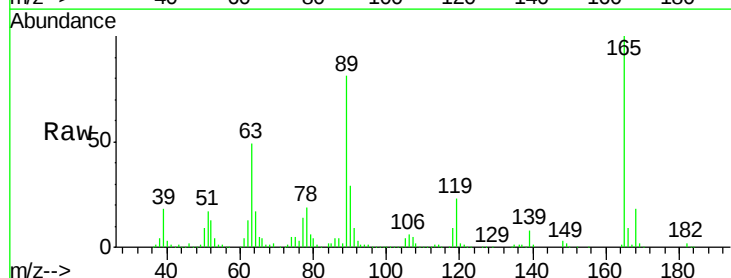
Ion Ratio Lower Upper

165 100

63 49.0 43.4 65.0

89 80.7 70.6 106.0

182 2.1 1.5 2.3

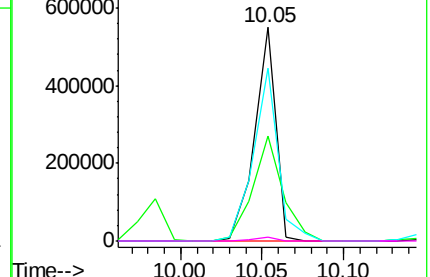
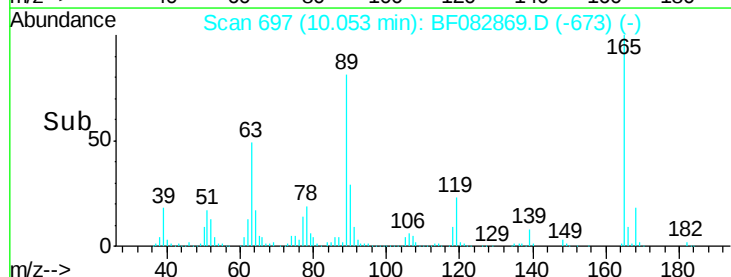


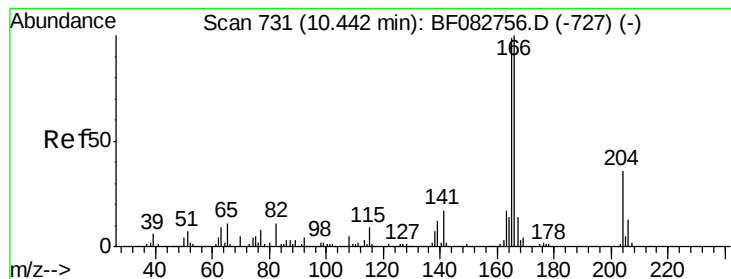
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.99 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

Instrument :

BNA_F

ClientSampleId :

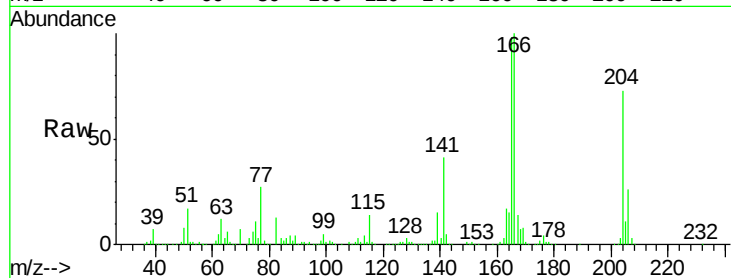
Tot Ion:166 Resp: 1295843

Ion Ratio Lower Upper

166 100

165 97.6 80.2 120.4

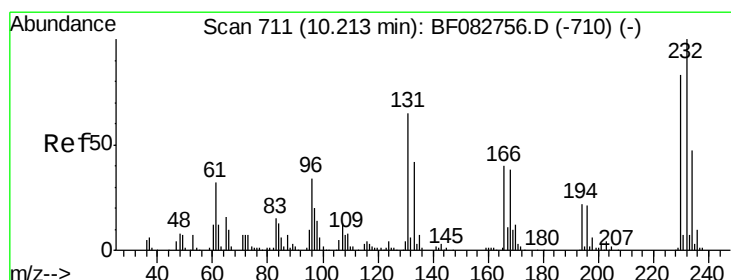
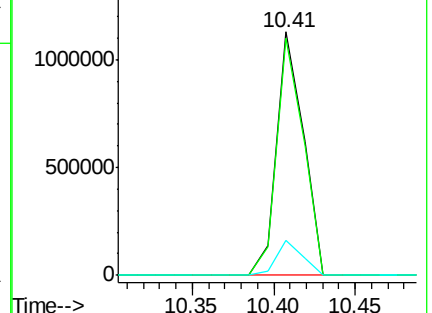
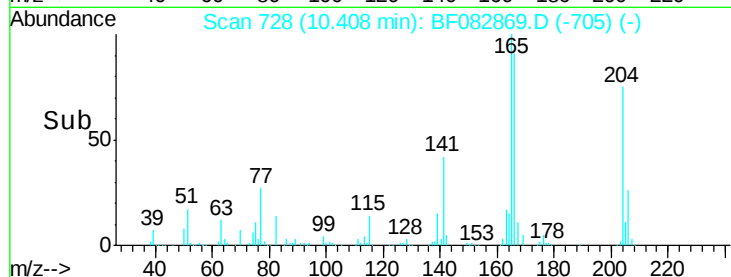
167 14.4 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.02 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

Tgt Ion:232 Resp: 424489

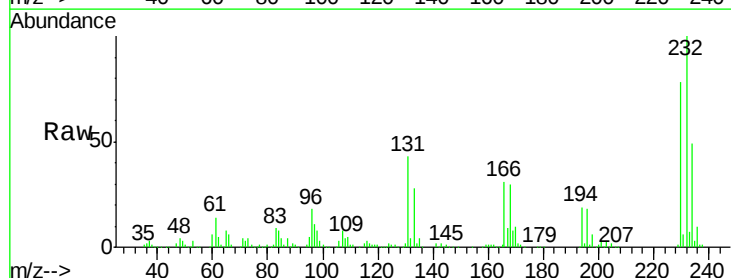
Ion Ratio Lower Upper

232 100

131 47.2 46.2 69.2

130 2.3 2.4 3.6#

166 32.3 28.2 42.2

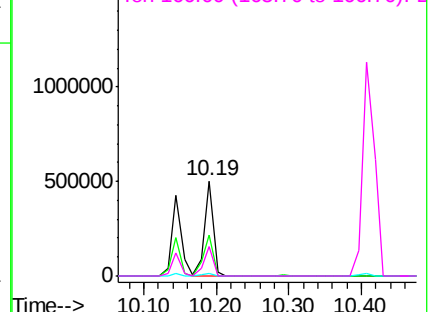
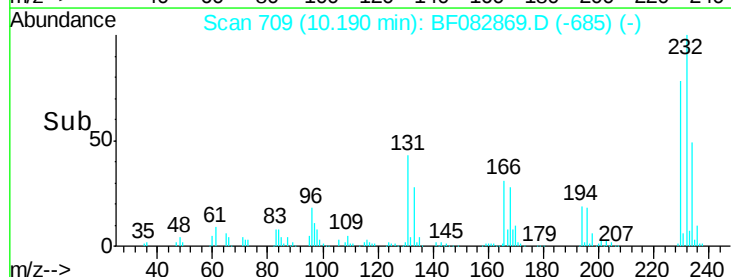


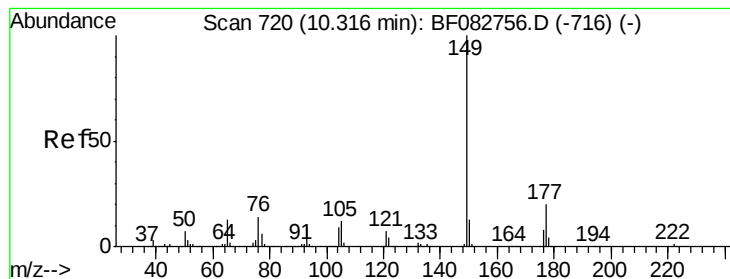
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.40 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

Instrument :

BNA_F

ClientSampleId :

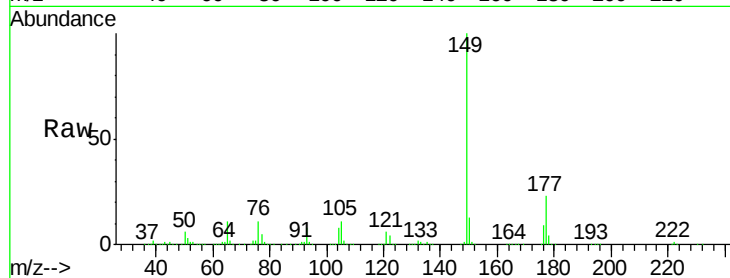
Tot Ion:149 Resp: 1608021

Ion Ratio Lower Upper

149 100

177 23.0 17.9 26.9

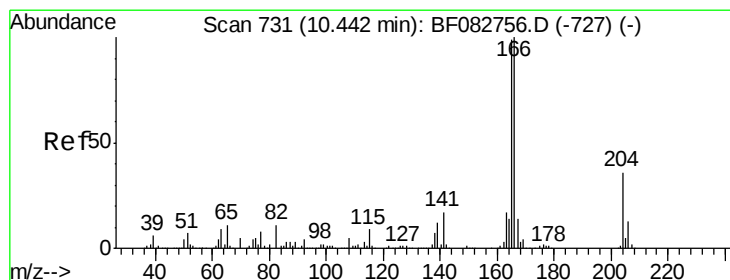
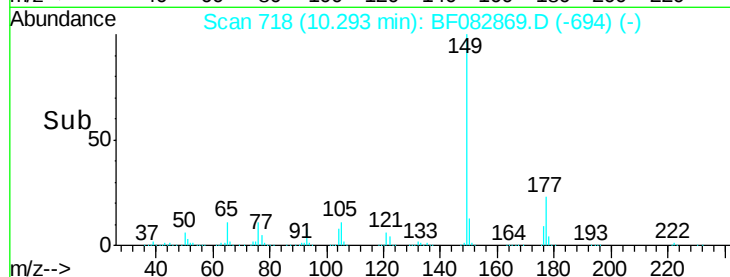
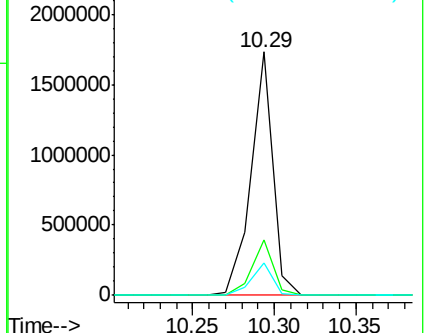
150 13.5 10.1 15.1



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: 39.26 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

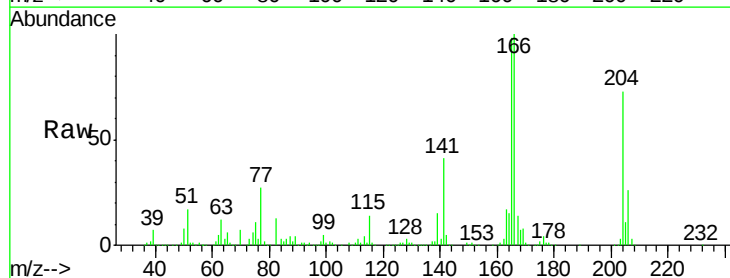
Tgt Ion:204 Resp: 727567

Ion Ratio Lower Upper

204 100

206 35.0 28.5 42.7

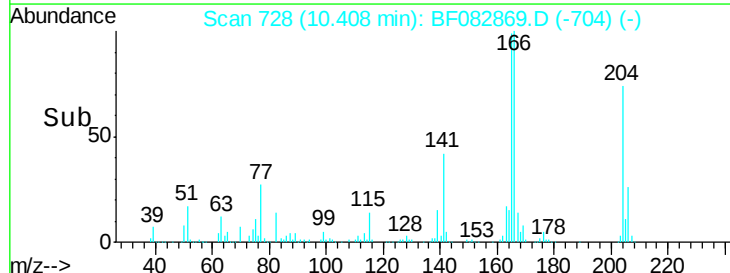
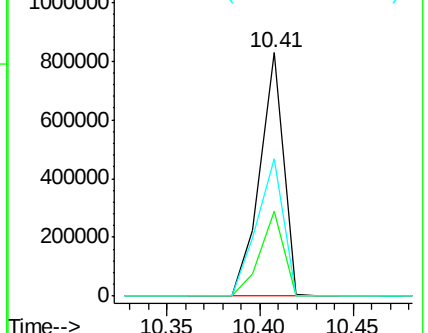
141 56.2 44.6 66.8

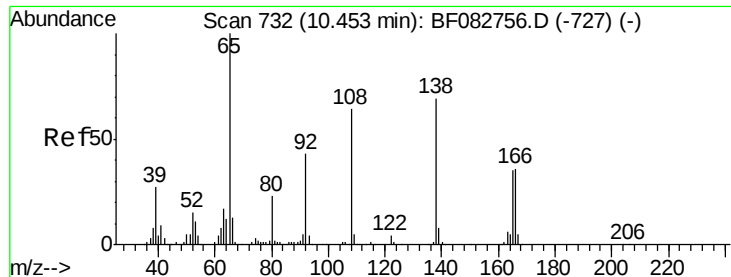


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

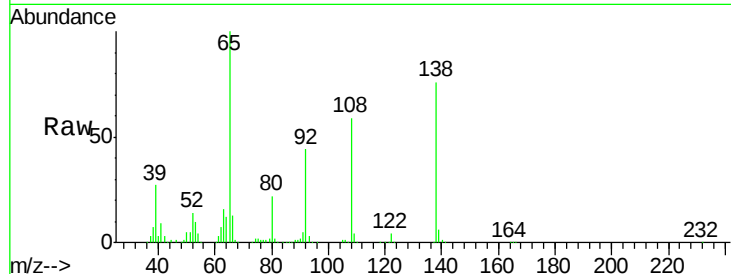




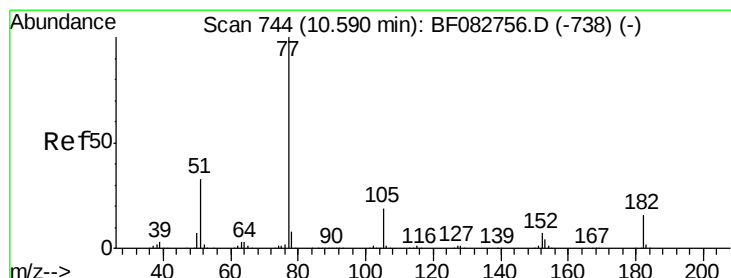
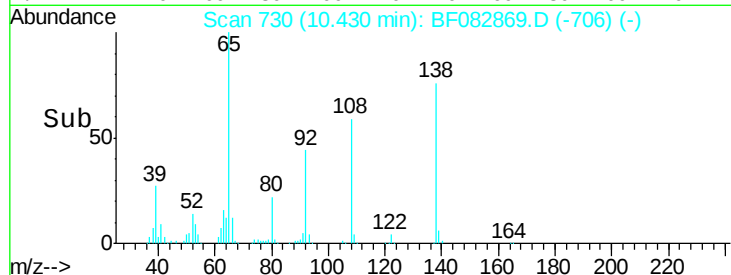
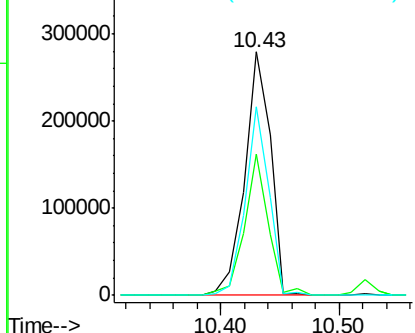
#61
4-Nitroaniline
Concen: 43.04 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 424551
Ion Ratio Lower Upper
138 100
92 57.8 45.8 85.8
108 77.6 89.4 129.4#

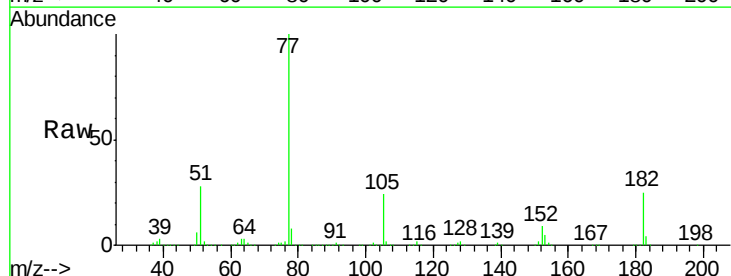


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

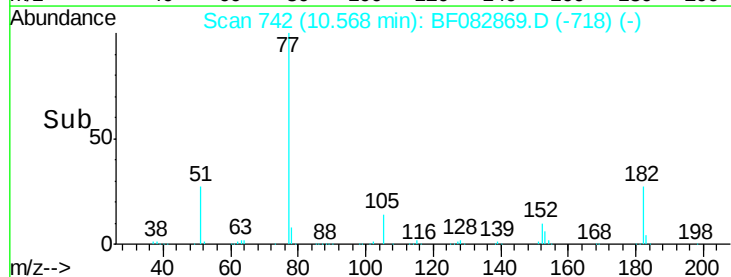
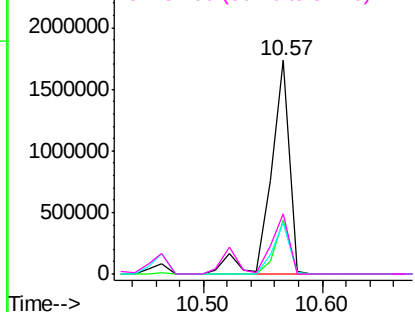


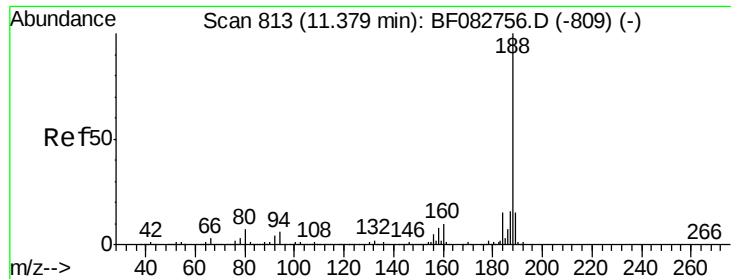
#62
Azobenzene
Concen: 43.23 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Tgt Ion: 77 Resp: 1895060
Ion Ratio Lower Upper
77 100
182 25.4 9.3 49.3
105 24.1 2.6 42.6
51 28.1 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

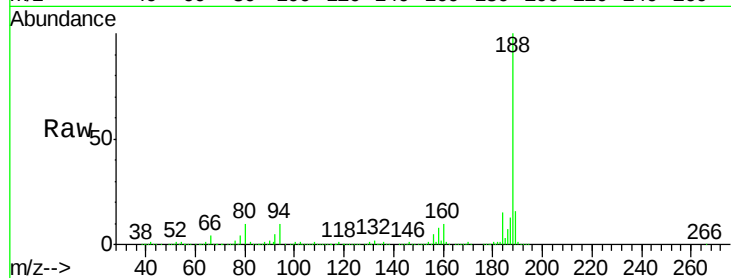




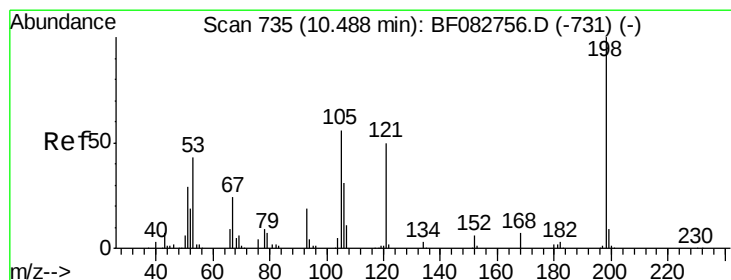
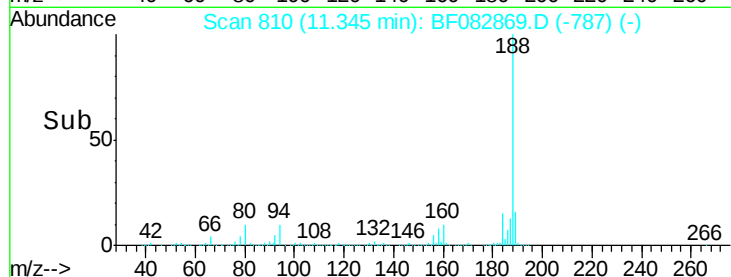
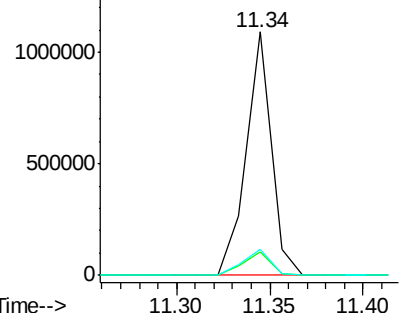
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Instrument :
BNA_F
ClientSampleID :

Tot Ion:188 Resp: 1017157
Ion Ratio Lower Upper
188 100
94 9.6 6.1 9.1#
80 10.5 7.0 10.6

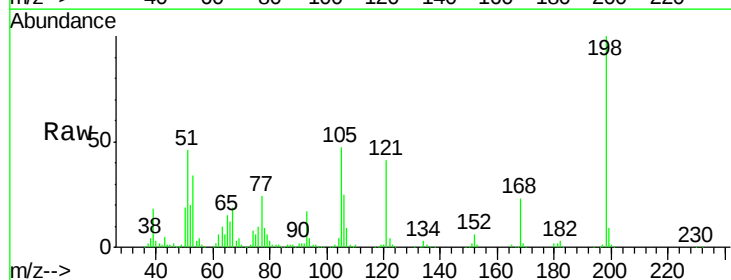


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

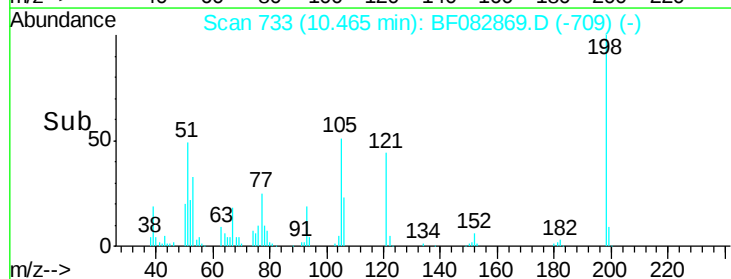
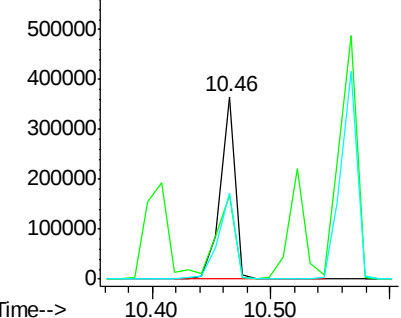


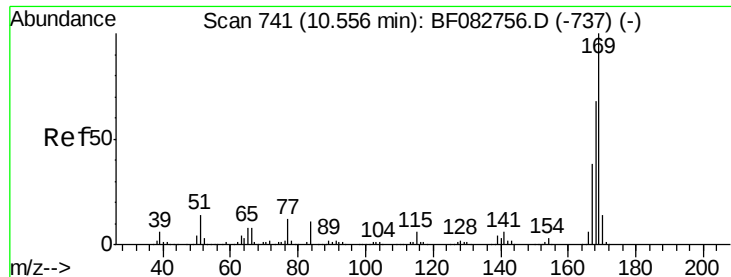
#64
4,6-Dinitro-2-methylphenol
Concen: 44.36 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Tgt Ion:198 Resp: 321427
Ion Ratio Lower Upper
198 100
51 45.6 17.3 57.3
105 46.8 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: 34.39 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

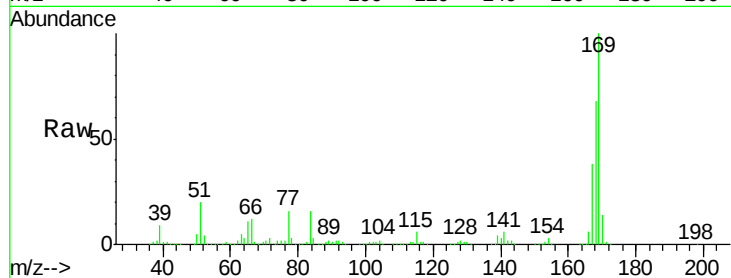
Instrument :

BNA_F

ClientSampled :

Tot Ion:169 Resp: 1263527

Ion	Ratio	Lower	Upper
169	100		
168	67.9	55.0	82.6
167	38.0	30.5	45.7

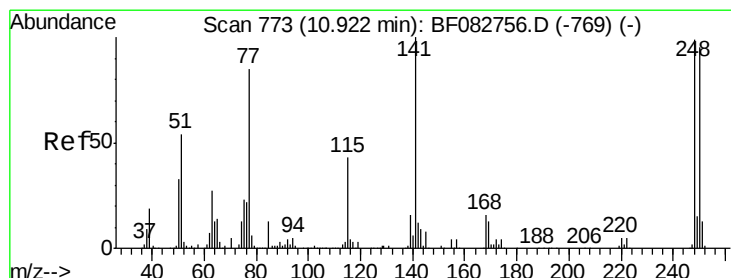
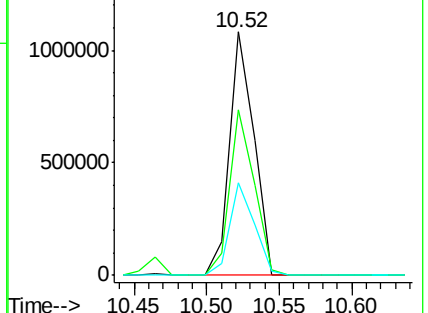
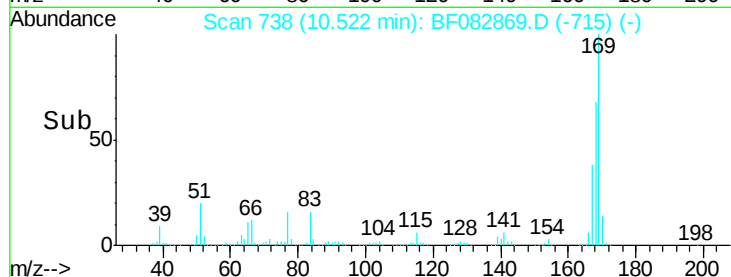


Abundance

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: 37.87 ng

RT: 10.90 min Scan# 771

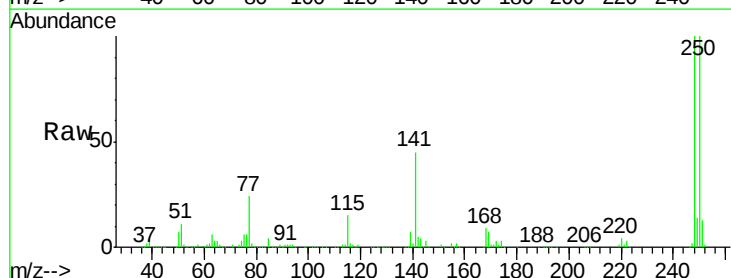
Delta R.T. -0.02 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

Tgt Ion:248 Resp: 463823

Ion	Ratio	Lower	Upper
248	100		
250	100.1	79.4	119.2
141	44.9	36.3	54.5

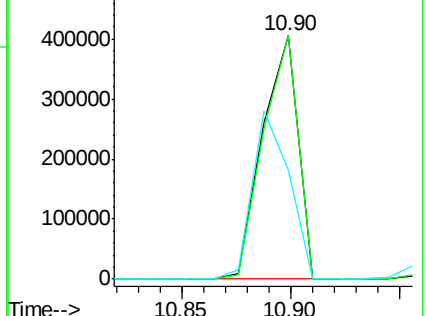
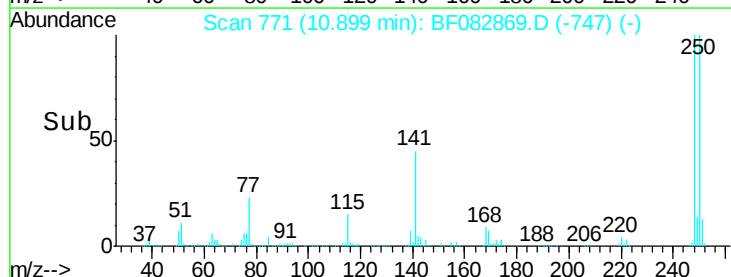


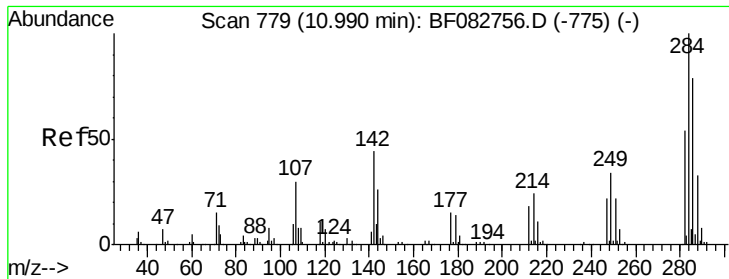
Abundance

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

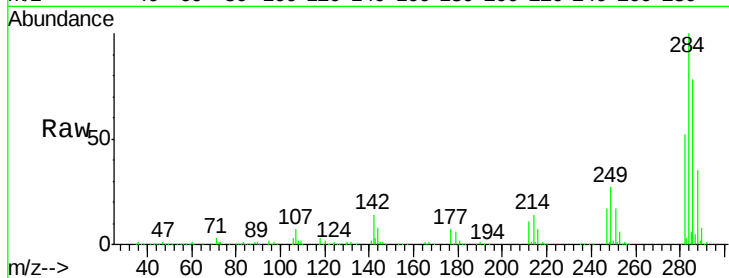




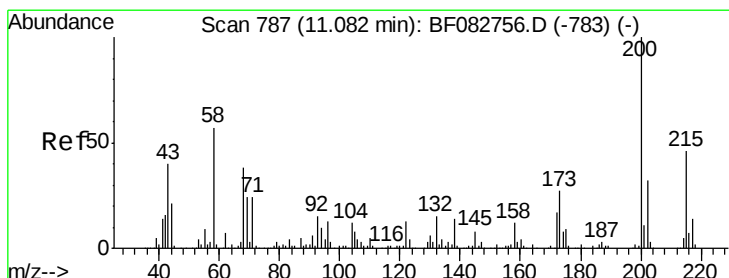
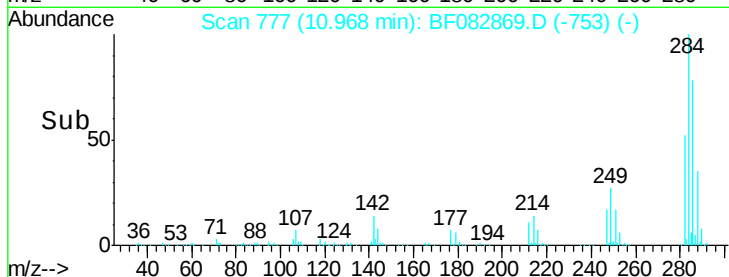
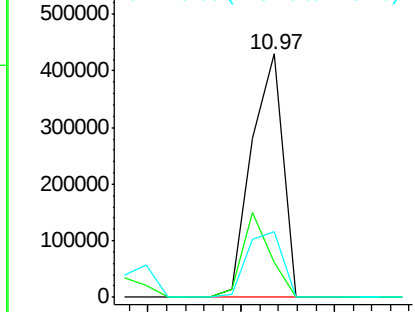
#67
Hexachlorobenzene
Concen: 36.44 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 498338
Ion Ratio Lower Upper
284 100
142 14.2 47.9 71.9#
249 27.0 29.7 44.5#

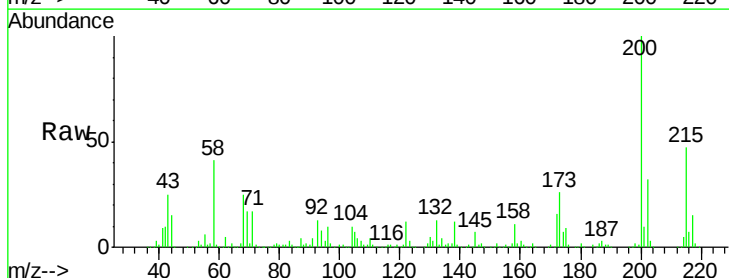


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

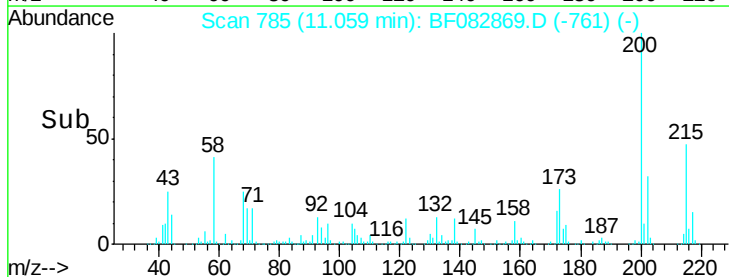
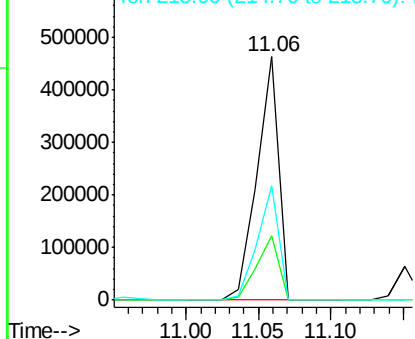


#68
Atrazine
Concen: 42.04 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Tgt Ion:200 Resp: 477711
Ion Ratio Lower Upper
200 100
173 26.5 6.9 46.9
215 46.9 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

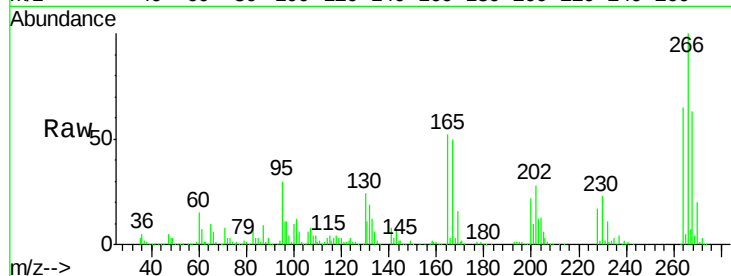




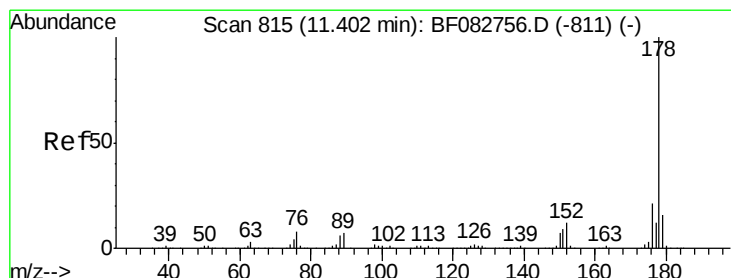
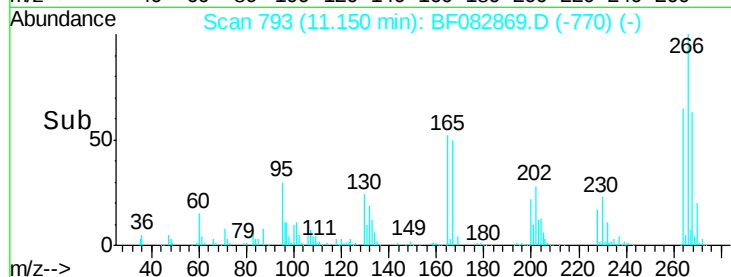
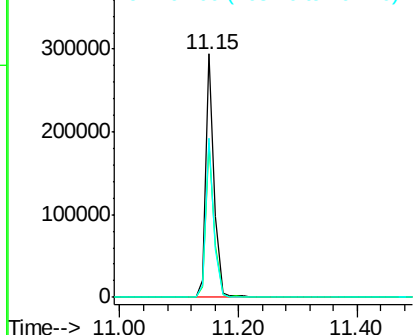
#69
 Pentachlorophenol
 Concen: 35.54 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF082869.D
 Acq: 10 Nov 2015 14:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.0	76.6
264	65.3	50.6	75.8

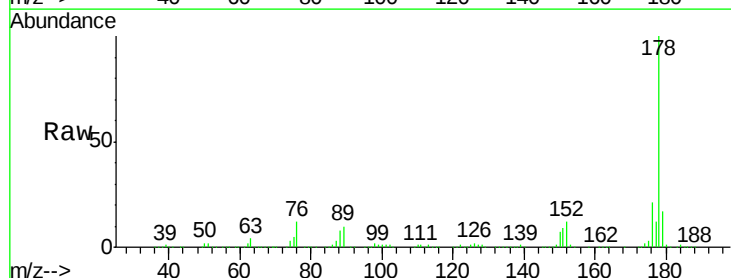


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

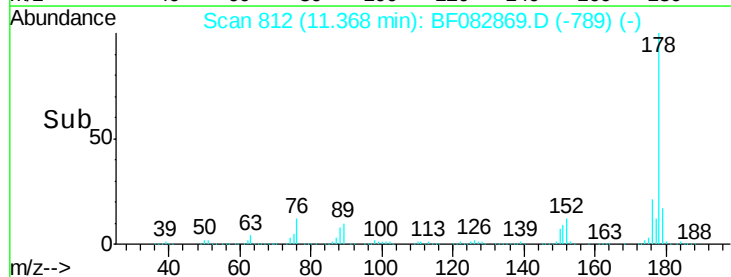
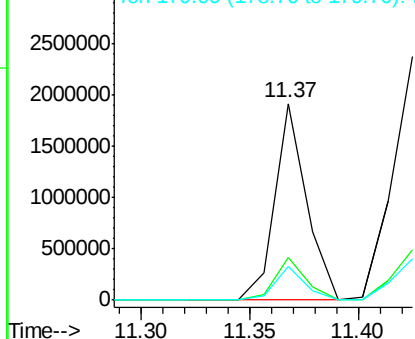


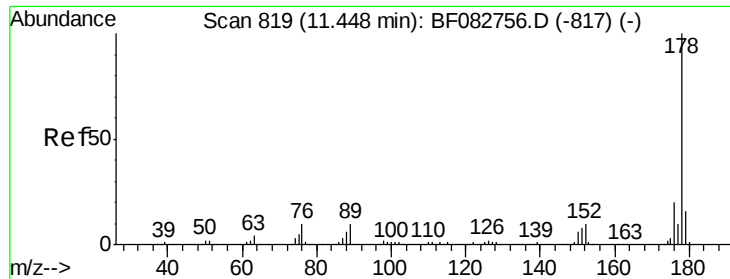
#70
 Phenanthrene
 Concen: 33.17 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF082869.D
 Acq: 10 Nov 2015 14:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	17.0	25.4
179	16.9	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

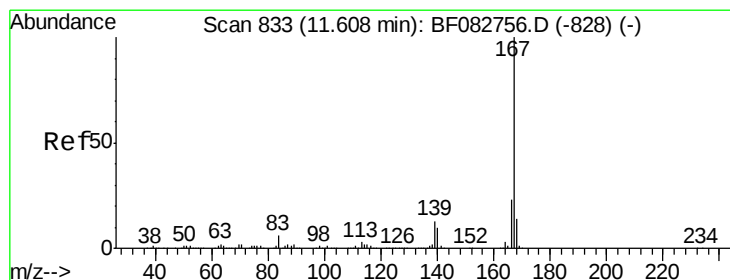
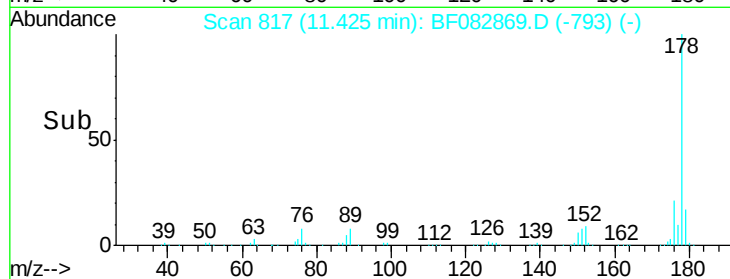
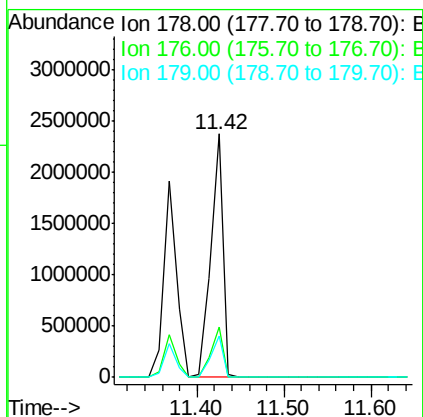
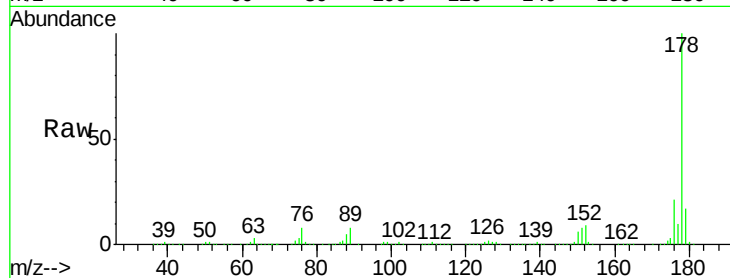




#71
 Anthracene
 Concen: 37.53 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF082869.D
 Acq: 10 Nov 2015 14:36

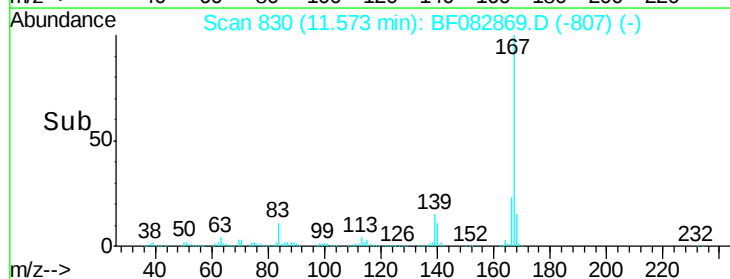
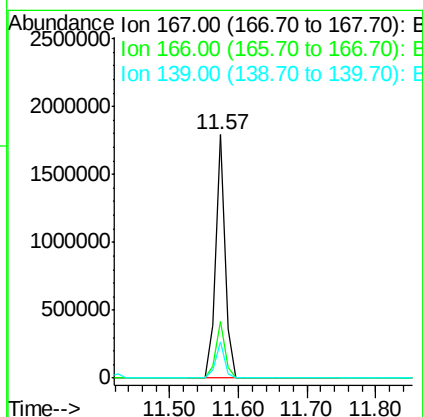
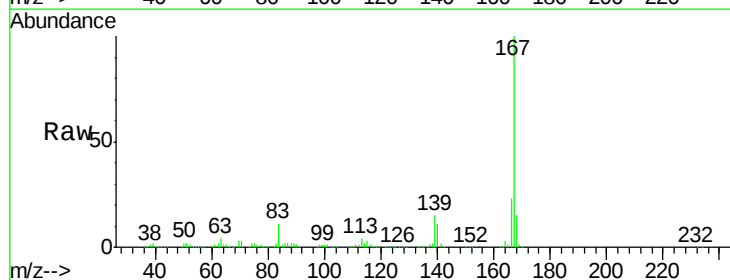
Instrument :
 BNA_F
 ClientSampled :

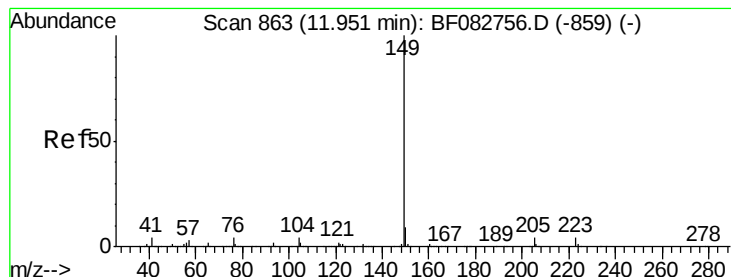
Tot Ion:178 Resp: 2335159
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.5 24.7
 179 17.1 13.2 19.8



#72
 Carbazole
 Concen: 32.42 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF082869.D
 Acq: 10 Nov 2015 14:36

Tgt Ion:167 Resp: 1765584
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.7 28.1
 139 14.9 11.8 17.6





#73

Di-n-butylphthalate

Concen: 35.86 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.03 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

Instrument :

BNA_F

ClientSampleId :

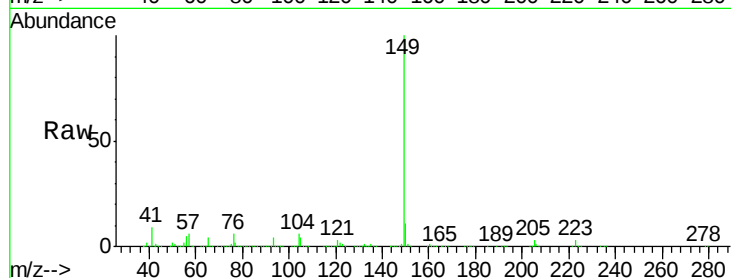
Tot Ion:149 Resp: 2433274

Ion Ratio Lower Upper

149 100

150 10.6 8.1 12.1

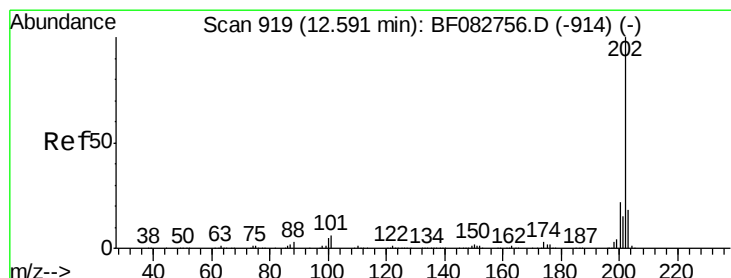
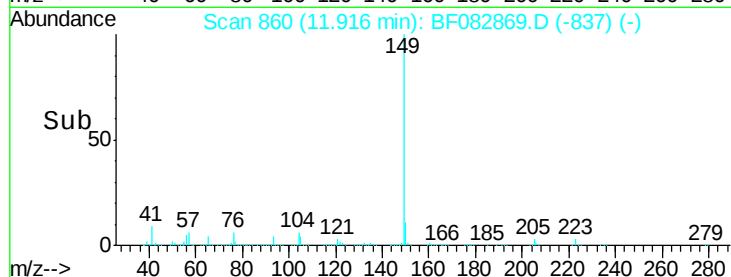
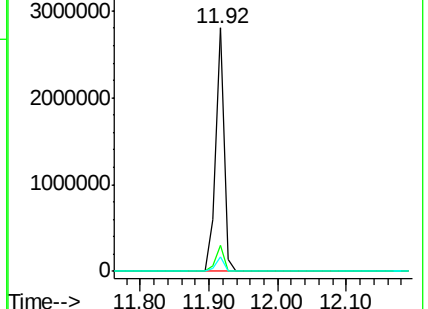
104 5.9 5.2 7.8



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: 34.17 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

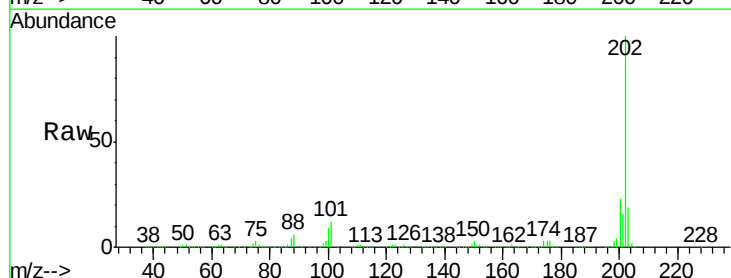
Tgt Ion:202 Resp: 2165863

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.5

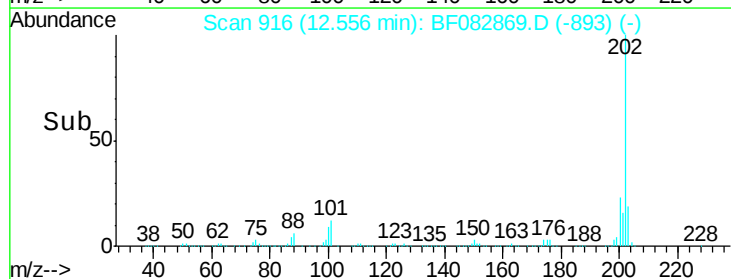
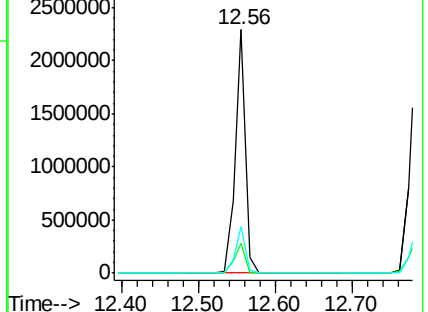
203 19.2 0.0 38.5

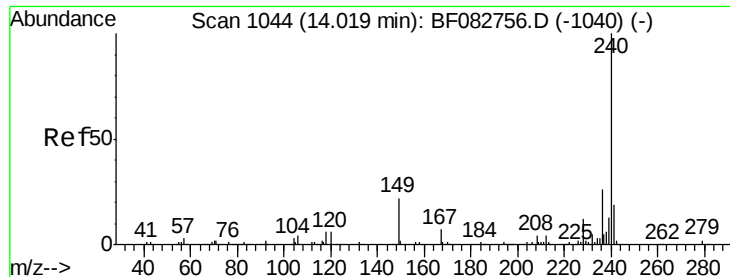


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.98 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

Instrument :

BNA_F

ClientSampleId :

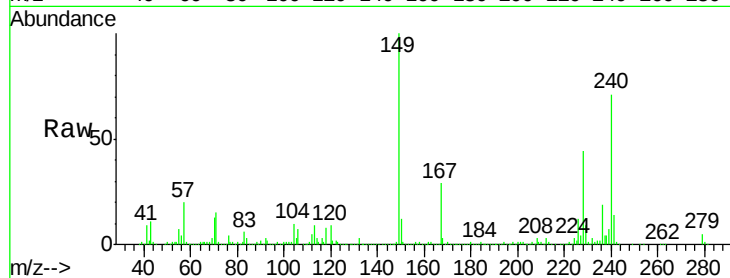
Tot Ion:240 Resp: 799431

Ion Ratio Lower Upper

240 100

120 13.2 10.9 16.3

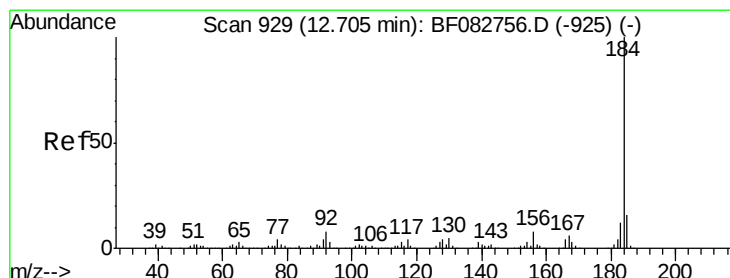
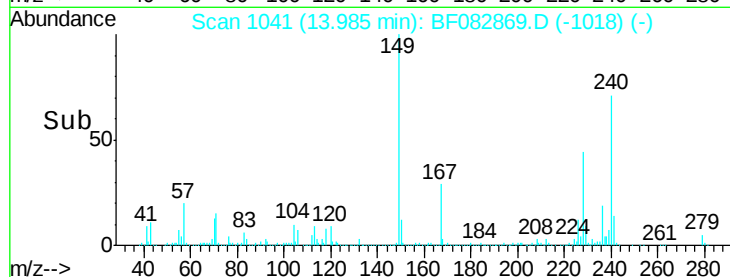
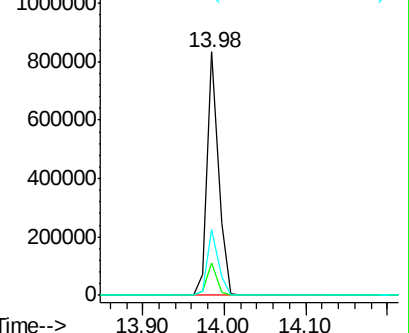
236 26.8 21.6 32.4



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: 48.76 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

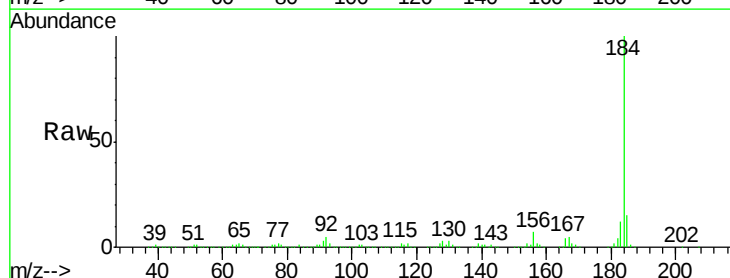
Tgt Ion:184 Resp: 1306515

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

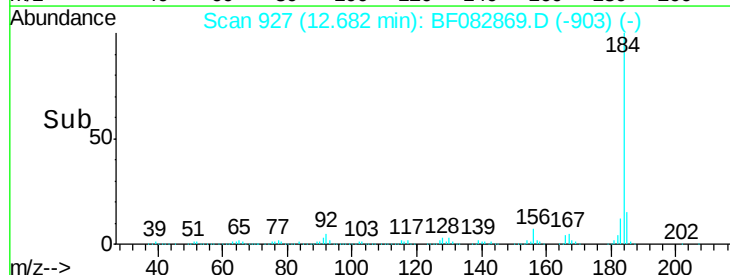
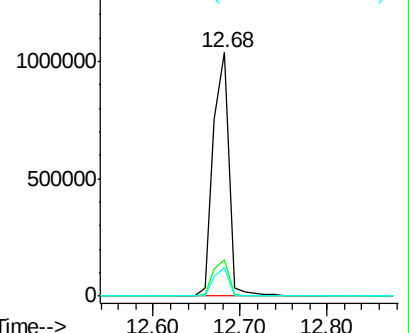
183 11.7 9.6 14.4

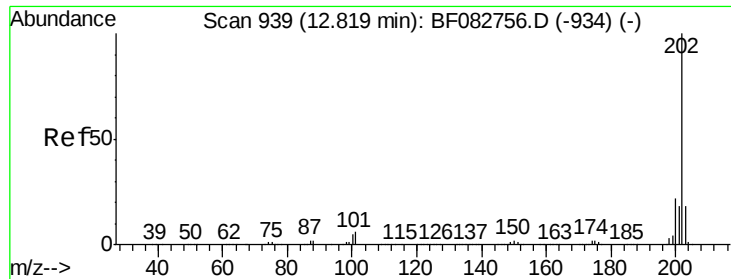


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

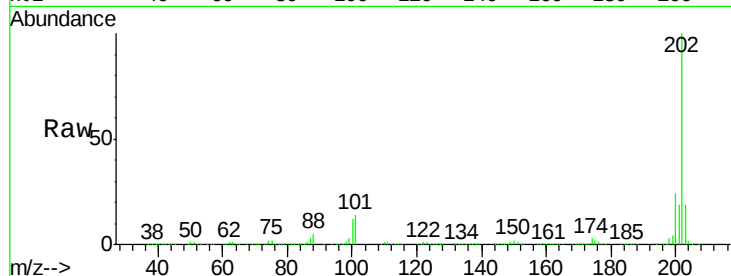




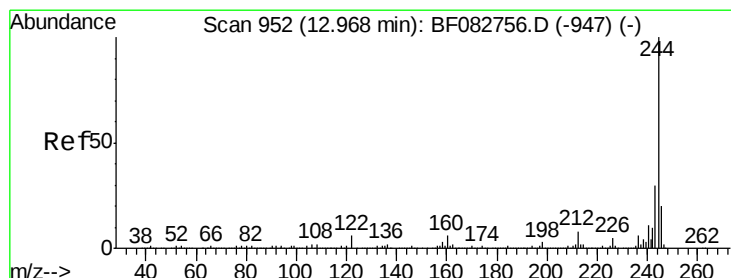
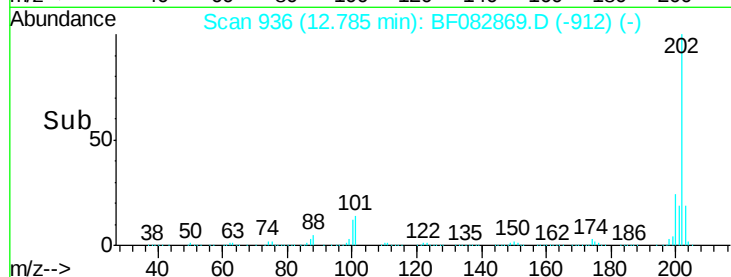
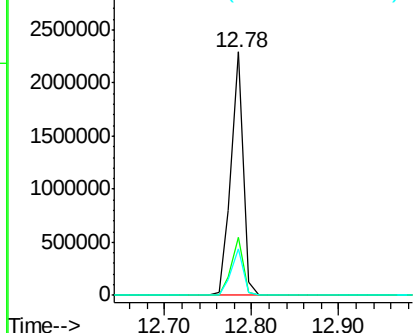
#77
Pvrene
Concen: 40.80 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2239929
Ion Ratio Lower Upper
202 100
200 23.7 18.7 28.1
203 19.2 14.8 22.2

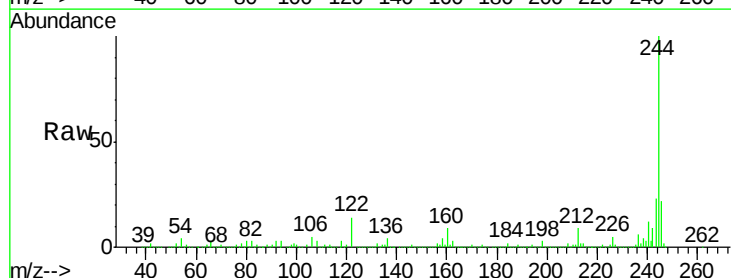


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

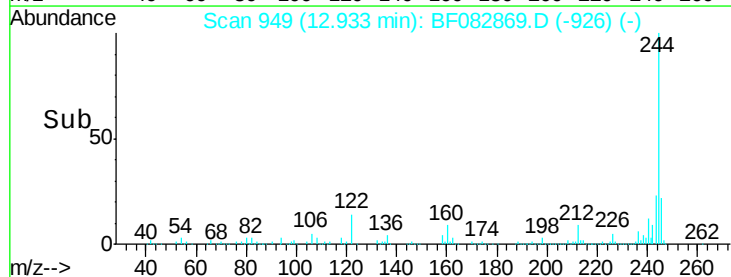
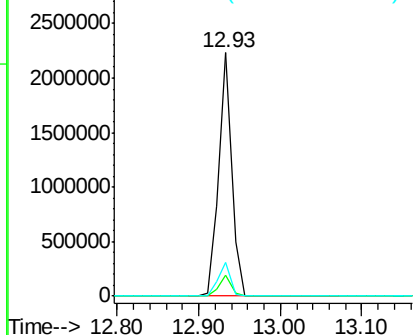


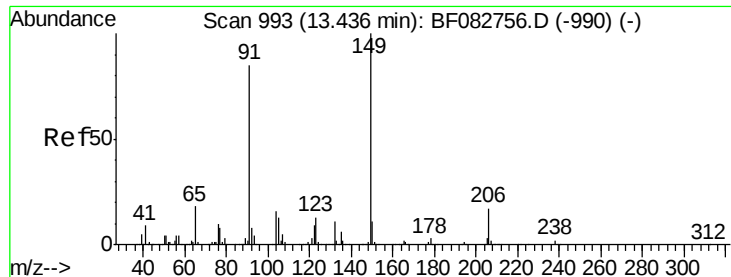
#78
Terphenyl-d14
Concen: 73.15 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.03 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Tgt Ion:244 Resp: 2465569
Ion Ratio Lower Upper
244 100
212 8.6 7.6 11.4
122 13.9 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

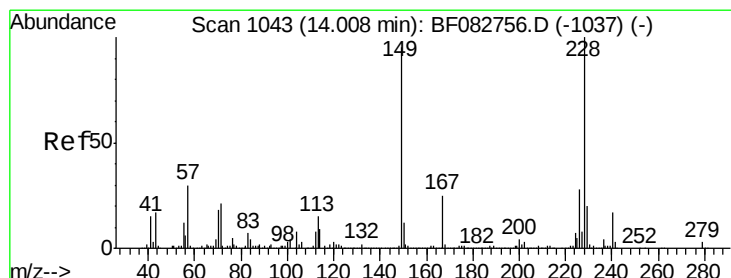
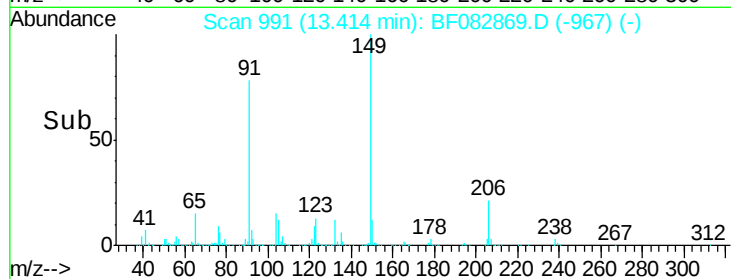
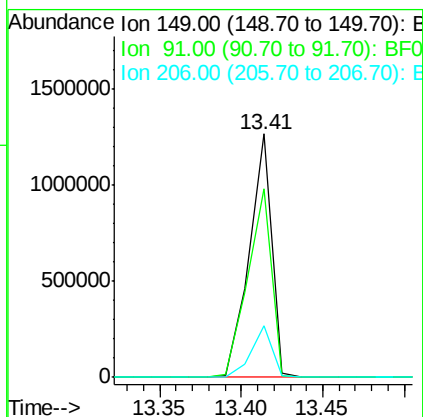
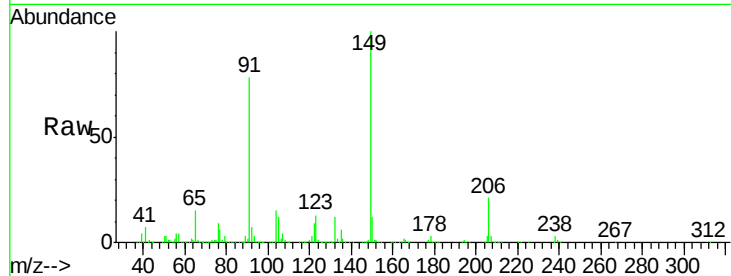




#79
Butylbenzylphthalate
Concen: 49.77 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

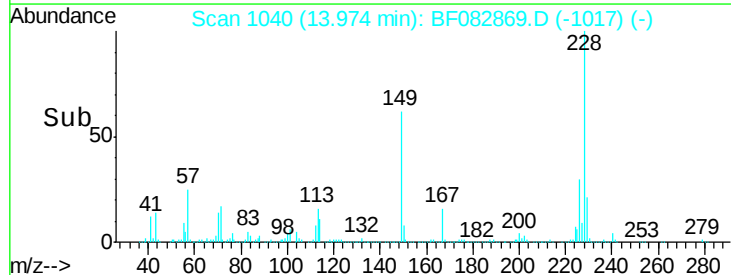
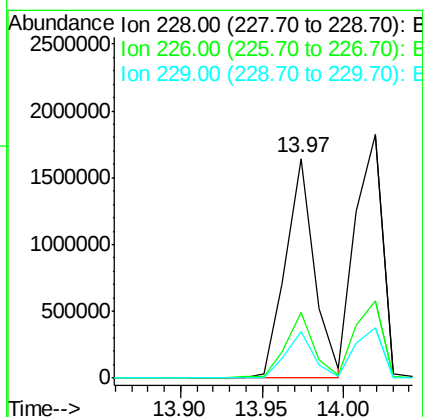
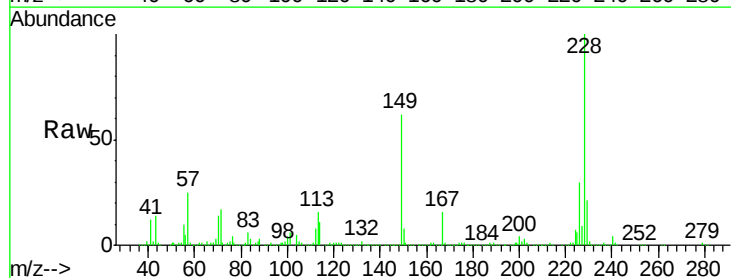
Instrument :
BNA_F
ClientSampleId :

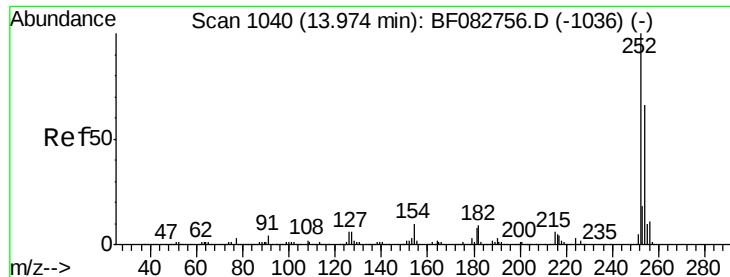
Tot Ion:149 Resp: 1207042
Ion Ratio Lower Upper
149 100
91 77.6 67.7 101.5
206 21.1 14.6 22.0



#80
Benzo(a)anthracene
Concen: 40.74 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF082869.D
Acq: 10 Nov 2015 14:36

Tgt Ion:228 Resp: 2036387
Ion Ratio Lower Upper
228 100
226 29.7 23.4 35.2
229 21.3 16.3 24.5

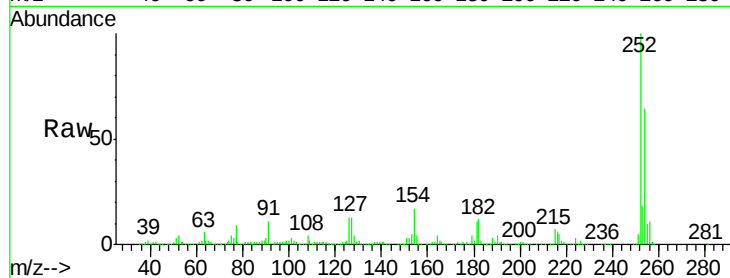




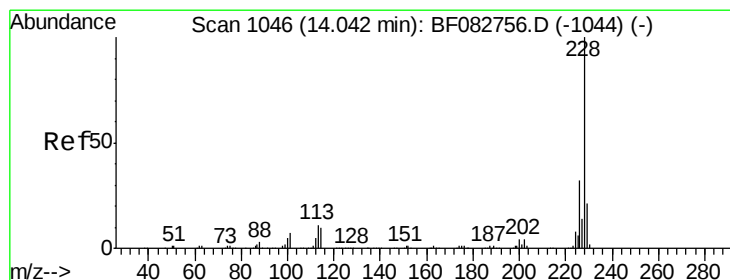
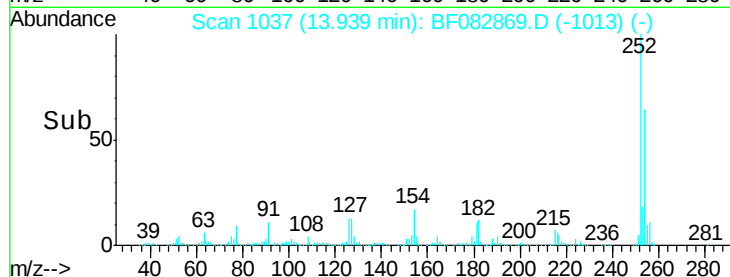
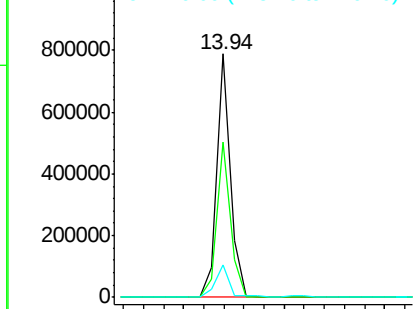
#81
 3,3'-Dichlorobenzidine
 Concen: 41.72 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF082869.D
 Acq: 10 Nov 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 741398
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.4 77.0
 126 13.1 10.7 16.1

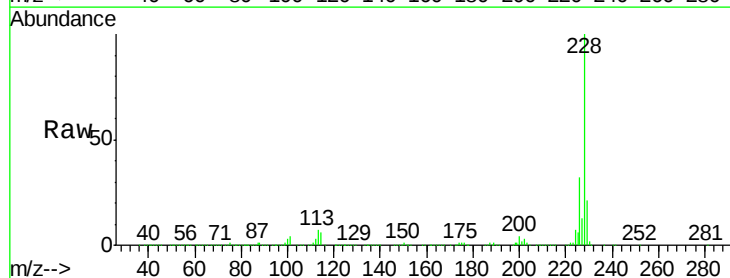


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

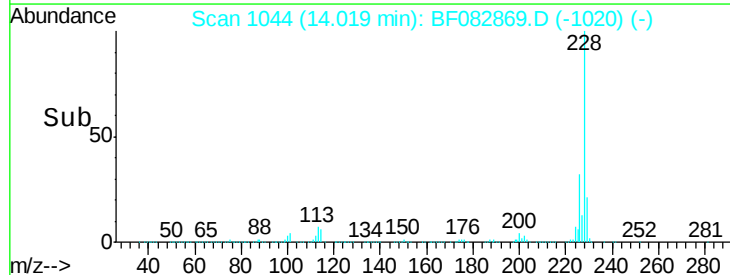
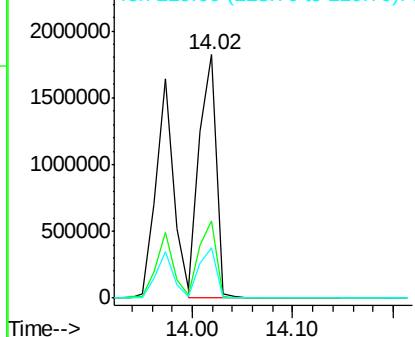


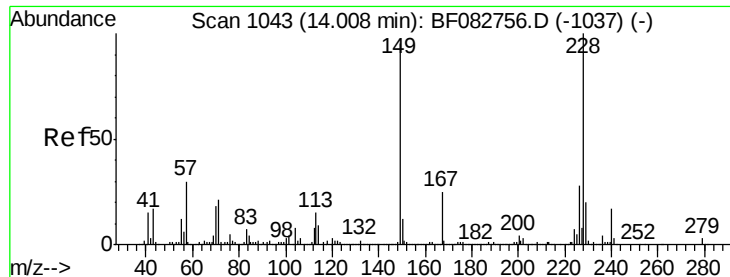
#82
 Chrysene
 Concen: 46.76 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF082869.D
 Acq: 10 Nov 2015 14:36

Tgt Ion:228 Resp: 2141019
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.5 38.3
 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





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.80 ng

RT: 13.98 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

Instrument :

BNA_F

ClientSampleId :

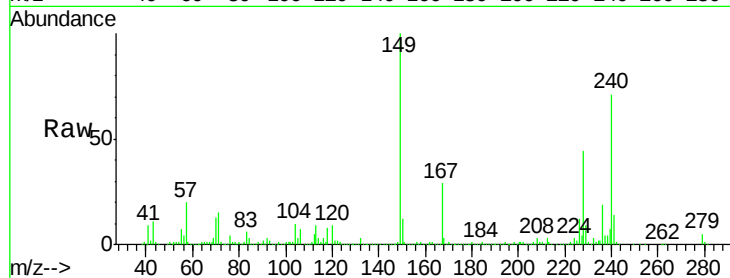
Tot Ion:149 Resp: 1553685

Ion Ratio Lower Upper

149 100

167 29.0 21.2 31.8

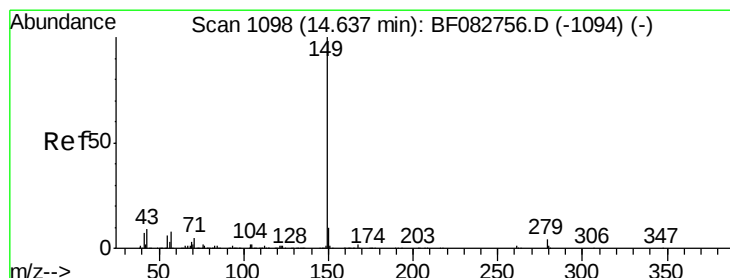
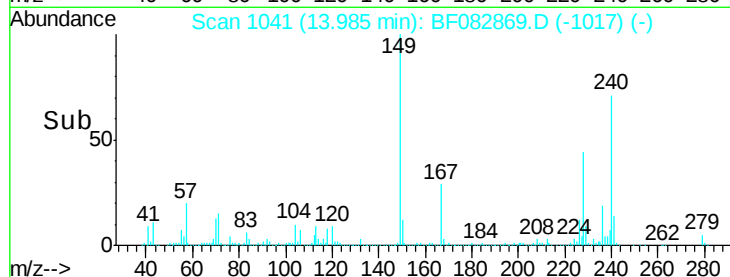
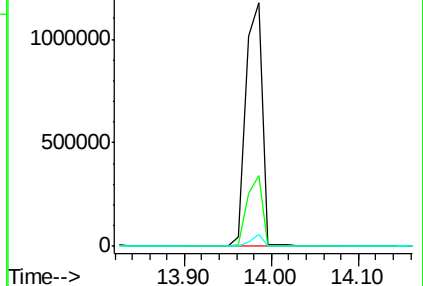
279 4.7 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.17 ng

RT: 14.60 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

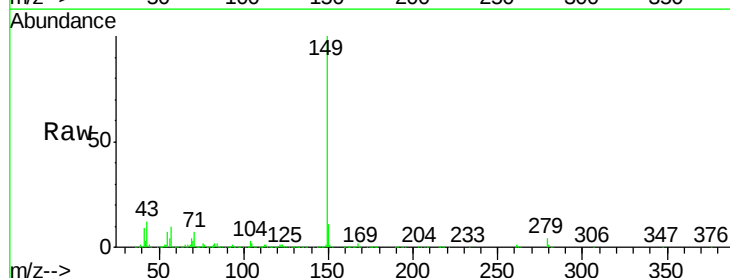
Tgt Ion:149 Resp: 2667265

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

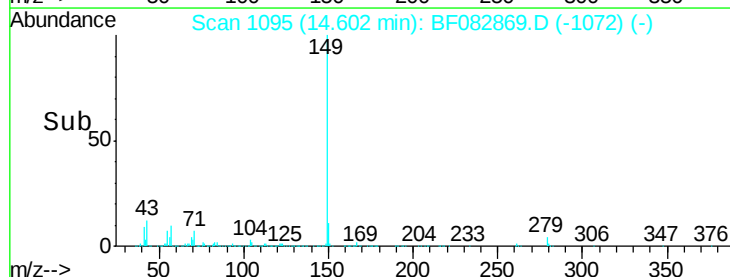
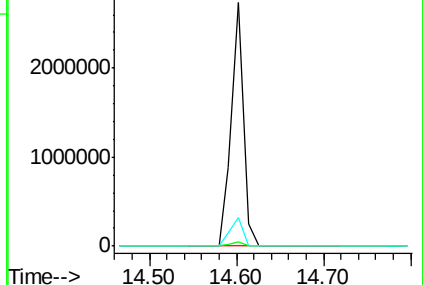
43 12.5 10.1 15.1

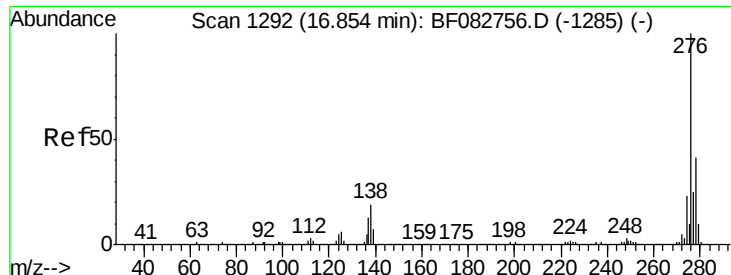


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

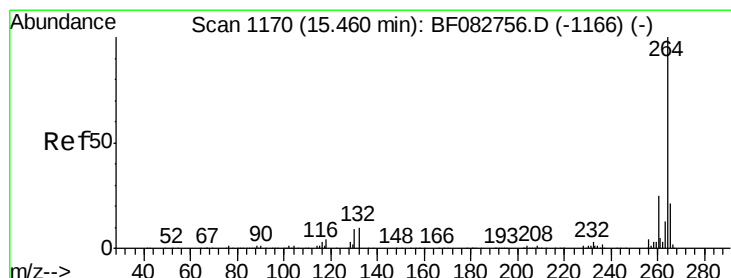
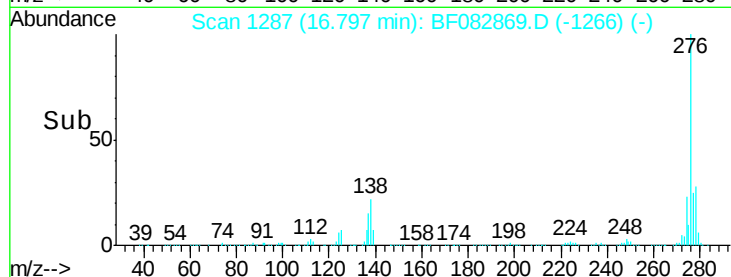
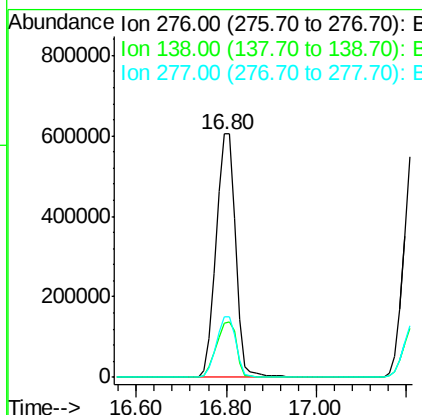
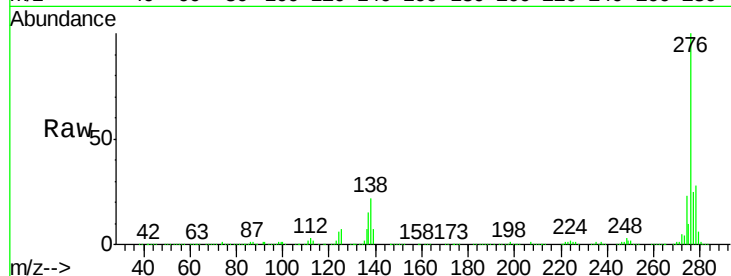




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.41 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. -0.06 min
 Lab File: BF082869.D
 Acq: 10 Nov 2015 14:36

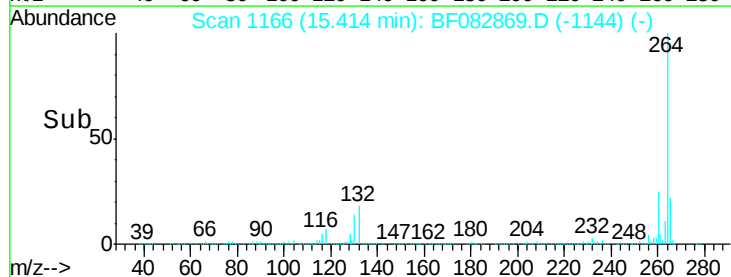
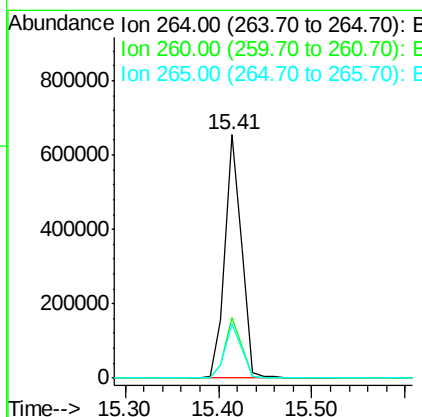
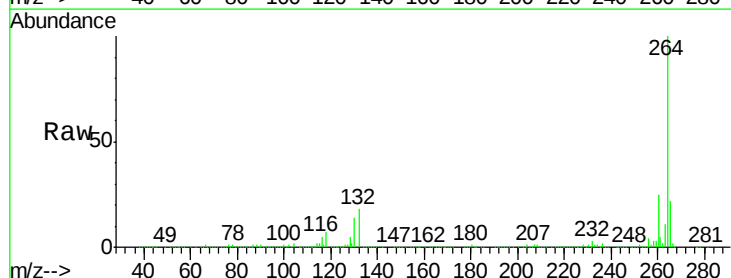
Instrument :
 BNA_F
 ClientSampleId :

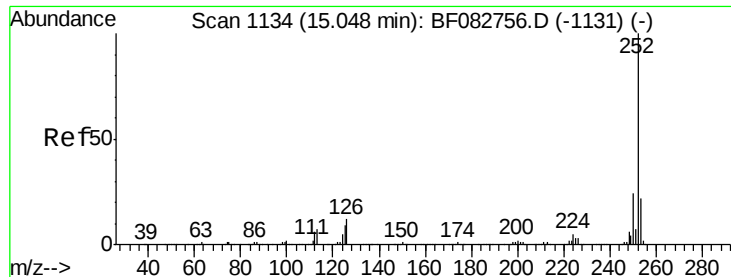
Tot Ion:276 Resp: 1829994
 Ion Ratio Lower Upper
 276 100
 138 23.9 15.3 22.9#
 277 25.2 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.05 min
 Lab File: BF082869.D
 Acq: 10 Nov 2015 14:36

Tgt Ion:264 Resp: 818626
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.6
 265 22.5 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 35.50 ng

RT: 15.01 min Scan# 1131

Delta R.T. -0.03 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

Instrument :

BNA_F

ClientSampleId :

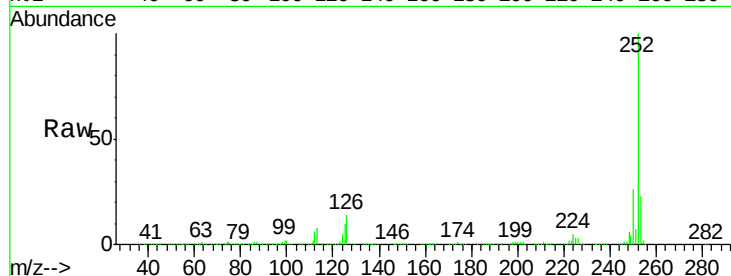
Tot Ion:252 Resp: 1865652

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.8

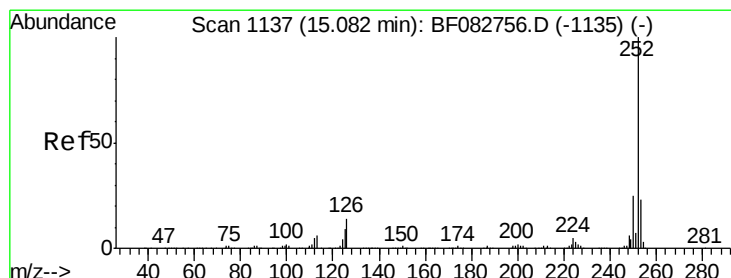
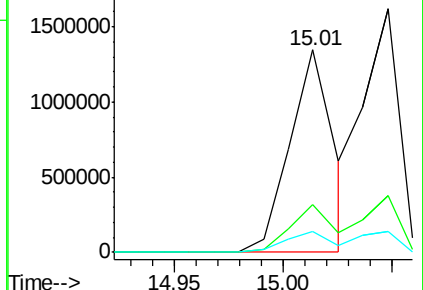
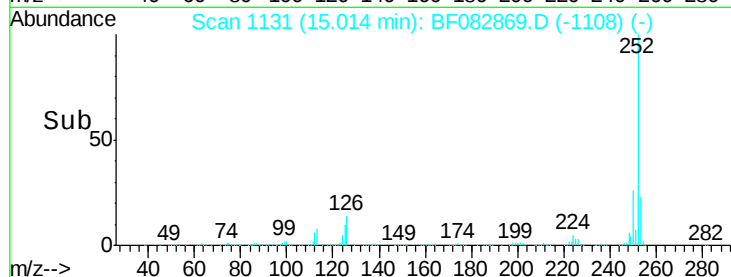
125 10.1 5.4 8.2#



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: 40.02 ng

RT: 15.01 min Scan# 1131

Delta R.T. -0.07 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

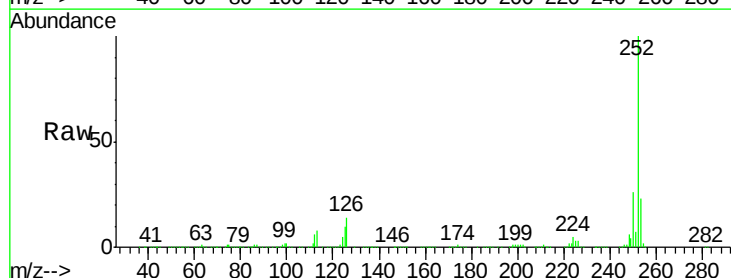
Tgt Ion:252 Resp: 1865652

Ion Ratio Lower Upper

252 100

253 23.4 17.9 26.9

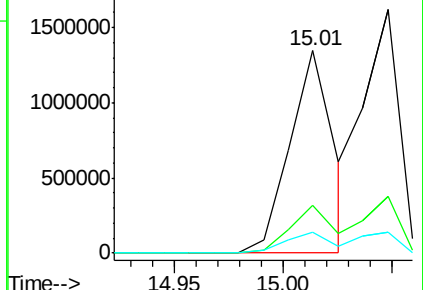
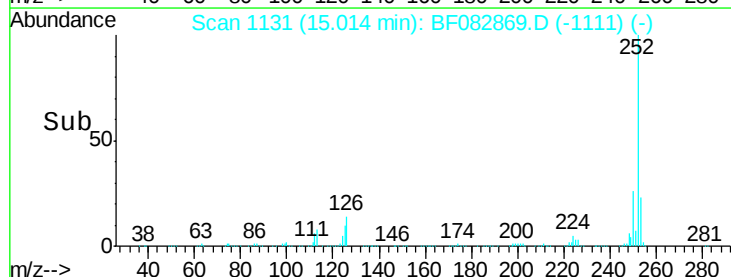
125 10.1 3.5 5.3#

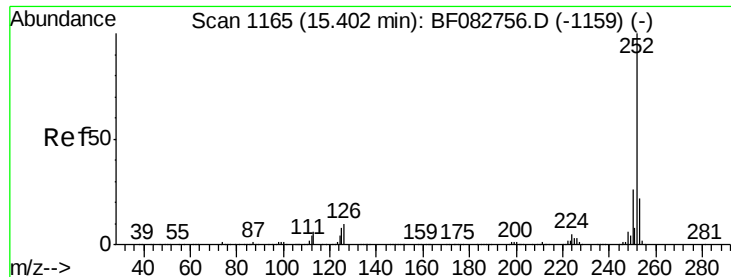


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.05 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.05 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

Instrument :

BNA_F

ClientSampleId :

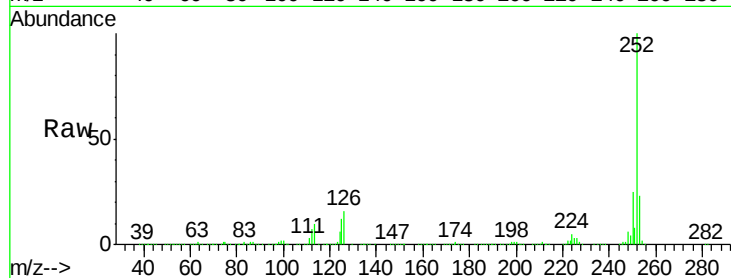
Tot Ion:252 Resp: 1777593

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

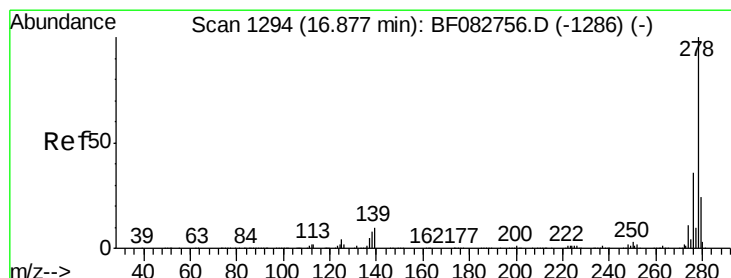
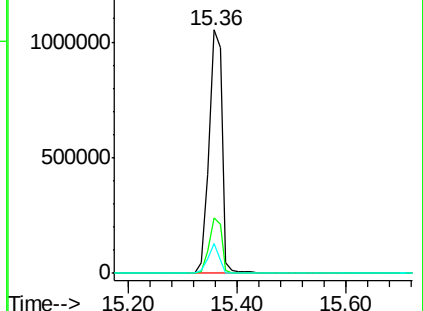
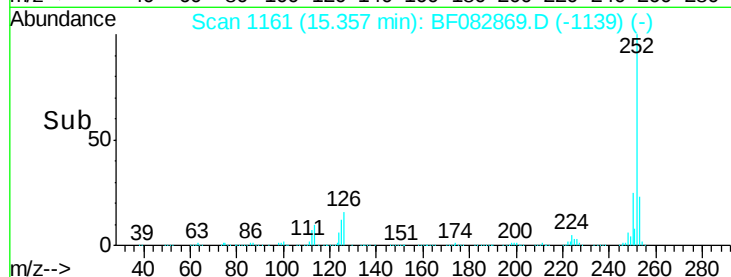
125 12.2 7.1 10.7#



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: 39.53 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.05 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

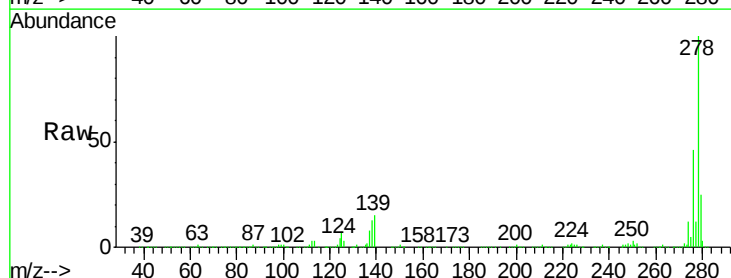
Tgt Ion:278 Resp: 1523725

Ion Ratio Lower Upper

278 100

139 15.1 9.9 14.9#

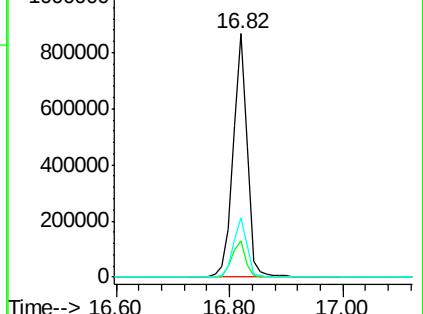
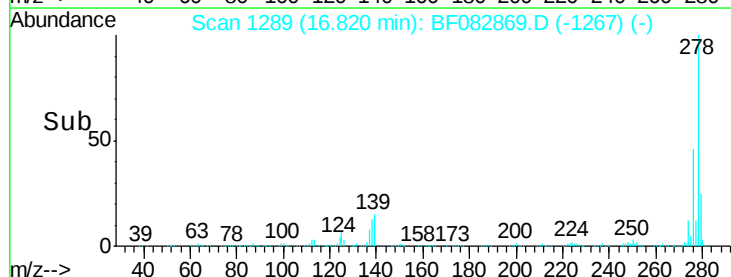
279 24.6 19.6 29.4

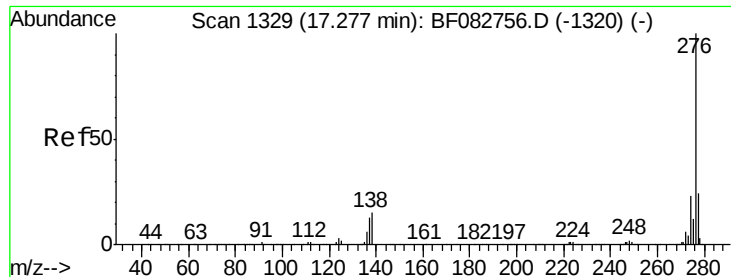


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.59 ng

RT: 17.22 min Scan# 1324

Delta R.T. -0.05 min

Lab File: BF082869.D

Acq: 10 Nov 2015 14:36

Instrument :

BNA_F

ClientSampleId :

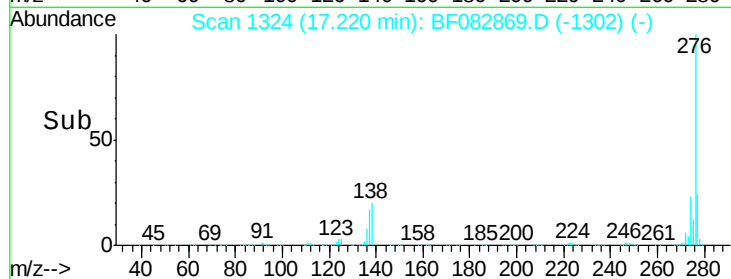
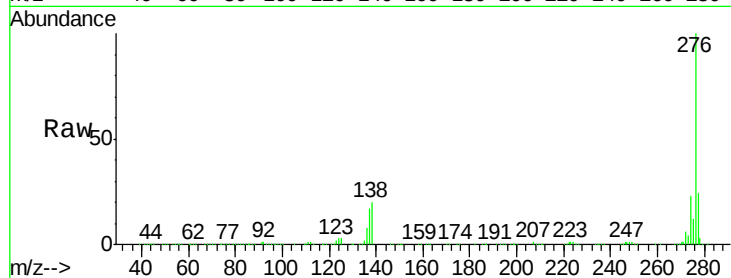
Tot Ion:276 Resp: 1461973

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 19.6 13.1 19.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

