

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111815\
 Data File : BF083011.D
 Acq On : 18 Nov 2015 15:36
 Operator : UM/IZ
 Sample : PB86700BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

Quant Time: Nov 19 01:45:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 13:32:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	148203	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	600425	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	294590	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	554326	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	493672	20.00	ng	-0.01
86) Perylene-d12	15.27	264	550315	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1071021	112.44	ng	0.01
7) Phenol-d6	6.38	99	1279857	101.07	ng	-0.01
23) Nitrobenzene-d5	7.30	82	895219	64.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	300618	89.00	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1520667	73.98	ng	0.00
78) Terphenyl-d14	12.83	244	1392629	66.91	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	151329	36.82	ng	96
3) Pyridine	2.99	79	348130	29.19	ng	93
4) n-Nitrosodimethylamine	2.93	42	191547	32.38	ng	# 72
6) Aniline	6.40	93	264261	14.86	ng	# 1
8) 2-Chlorophenol	6.52	128	362624	34.34	ng	95
9) Benzaldehyde	6.27	77	23161	3.31	ng	80
10) Phenol	6.40	94	420669	29.28	ng	95
11) bis(2-Chloroethyl)ether	6.48	93	362633	33.75	ng	# 80
12) 1,3-Dichlorobenzene	6.90	146	352458	29.60	ng	95
13) 1,4-Dichlorobenzene	6.67	146	398263	32.14	ng	96
14) 1,2-Dichlorobenzene	6.90	146	352932	31.32	ng	95
15) Benzyl Alcohol	6.88	79	342824	30.83	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	604644	38.36	ng	96
17) 2-Methylphenol	7.00	107	290086	32.44	ng	99
18) Hexachloroethane	7.24	117	139590	31.50	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	277050	29.76	ng	92
20) 3+4-Methylphenols	7.16	107	399112	34.32	ng	# 60
22) Acetophenone	7.14	105	525567	30.55	ng	# 98
24) Nitrobenzene	7.31	77	400399	28.37	ng	# 87
25) Isophorone	7.56	82	802138	31.42	ng	97
26) 2-Nitrophenol	7.63	139	179148	30.41	ng	# 83
27) 2,4-Dimethylphenol	7.69	122	328776	31.06	ng	94
28) bis(2-Chloroethoxy)methane	7.78	93	501056	34.79	ng	99
29) 2,4-Dichlorophenol	7.88	162	303007	31.68	ng	88
30) 1,2,4-Trichlorobenzene	7.96	180	322653	30.00	ng	98
31) Naphthalene	8.04	128	1057928	31.94	ng	98
32) Benzoic acid	7.81	122	192824	26.61	ng	90
33) 4-Chloroaniline	8.09	127	98562	6.90	ng	92
34) Hexachlorobutadiene	8.17	225	205675	30.55	ng	100
35) Caprolactam	8.45	113	63746	21.14	ng	93
36) 4-Chloro-3-methylphenol	8.59	107	347635	30.90	ng	91
37) 2-Methylnaphthalene	8.73	142	668950	31.22	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	306807	31.69	ng	98
40) Hexachlorocyclopentadiene	8.89	237	351029	67.49	ng	99

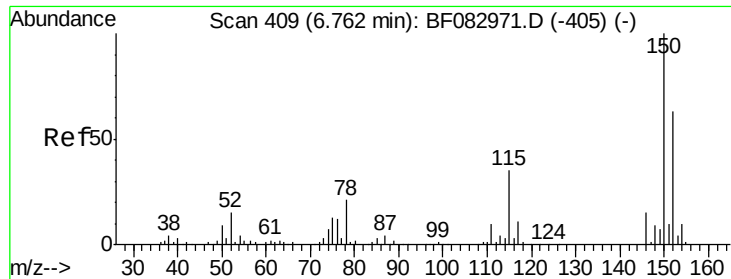
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111815\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	220279	30.48	nq	96
43) 2,4,5-Trichlorophenol	9.06	196	224605	31.43	nq	96
45) 1,1'-Biphenyl	9.20	154	808208	31.97	nq	96
46) 2-Chloronaphthalene	9.22	162	664371	33.69	nq	98
47) 2-Nitroaniline	9.31	65	220794	30.19	nq	92
48) Acenaphthylene	9.63	152	1012014	32.75	nq	99
49) Dimethylphthalate	9.50	163	845495	35.03	nq	98
50) 2,6-Dinitrotoluene	9.56	165	190456	36.98	nq	# 78
51) Acenaphthene	9.80	154	716300	36.57	nq	99
52) 3-Nitroaniline	9.72	138	78762	13.91	nq	# 85
53) 2,4-Dinitrophenol	9.84	184	200795	71.01	nq	# 12
54) Dibenzofuran	9.97	168	860861	32.60	nq	93
55) 4-Nitrophenol	9.90	139	233602	53.76	nq	# 81
56) 2,4-Dinitrotoluene	9.96	165	236392	33.83	nq	97
57) Fluorene	10.32	166	706018	33.01	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	205235	35.19	nq	# 89
59) Diethylphthalate	10.20	149	753400	31.97	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	367823	34.38	nq	97
61) 4-Nitroaniline	10.34	138	168666	29.61	nq	# 81
62) Azobenzene	10.48	77	940530	37.15	nq	96
64) 4,6-Dinitro-2-methylphenol	10.37	198	135657	34.35	nq	85
65) n-Nitrosodiphenylamine	10.43	169	609740	30.45	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	205328	30.76	nq	# 68
67) Hexachlorobenzene	10.86	284	233995	31.40	nq	# 79
68) Atrazine	10.97	200	241826	39.05	nq	94
69) Pentachlorophenol	11.06	266	240776	53.20	nq	98
70) Phenanthrene	11.28	178	1164386	36.17	nq	97
71) Anthracene	11.32	178	1044940	30.82	nq	98
72) Carbazole	11.48	167	1029316	34.68	nq	98
73) Di-n-butylphthalate	11.82	149	1293145	34.97	nq	# 98
74) Fluoranthene	12.45	202	1073298	31.07	nq	99
76) Benzidine	12.58	184	386352	23.35	nq	99
77) Pyrene	12.68	202	1171217	34.55	nq	98
79) Butylbenzylphthalate	13.31	149	503864	33.64	nq	99
80) Benzo(a)anthracene	13.87	228	1053638	34.13	nq	98
81) 3,3'-Dichlorobenzidine	13.84	252	179201	16.33	nq	# 97
82) Chrysene	13.91	228	966025	34.17	nq	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	755953	36.88	nq	100
84) Di-n-octyl phthalate	14.50	149	1662099	48.61	nq	95
85) Indeno(1,2,3-cd)pyrene	16.58	276	1011744	41.55	nq	# 93
87) Benzo(b)fluoranthene	14.91	252	2235709	63.29	nq	# 97
88) Benzo(k)fluoranthene	14.91	252	2235709	71.35	nq	# 96
89) Benzo(a)pyrene	15.22	252	1056949	34.54	nq	99
90) Dibenzo(a,h)anthracene	16.60	278	846921	32.68	nq	# 97
91) Benzo(g,h,i)perylene	16.98	276	831009	33.48	nq	# 96

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

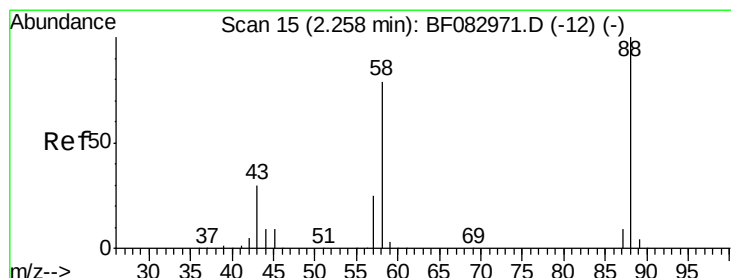
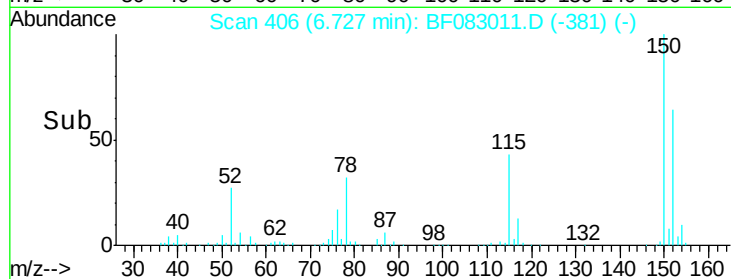
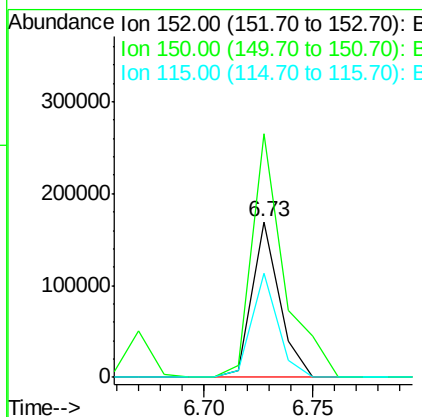
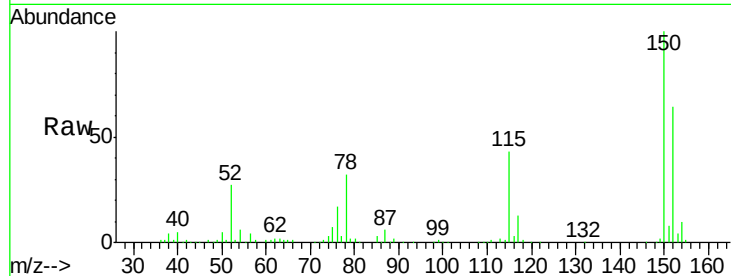


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
PB86700BS

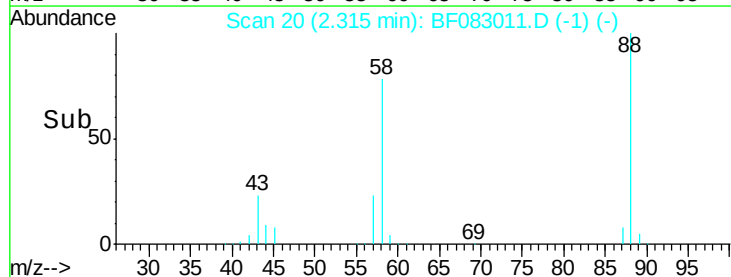
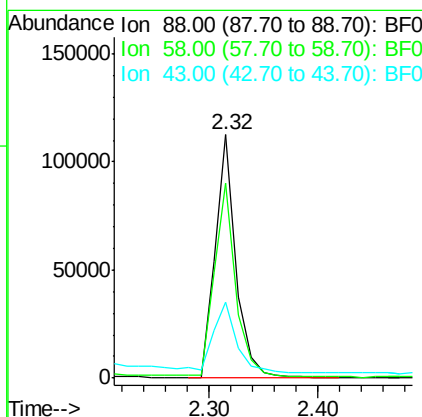
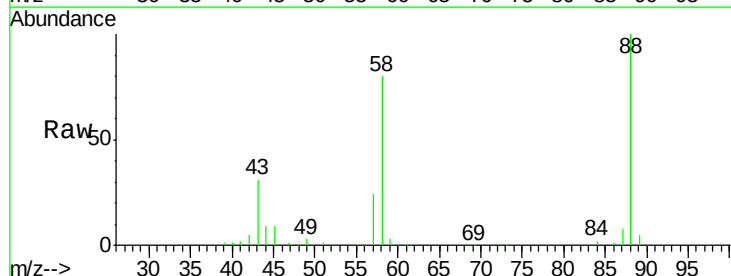
Tot Ion:152 Resp: 148203
Ion Ratio Lower Upper
152 100
150 156.7 127.0 190.4
115 67.1 47.0 70.6

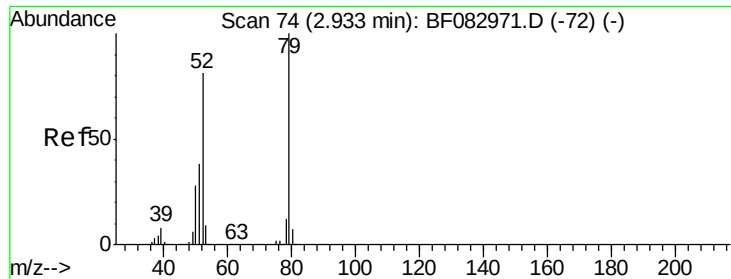


#2

1,4-Dioxane
Concen: 36.82 ng
RT: 2.32 min Scan# 20
Delta R.T. 0.08 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion: 88 Resp: 151329
Ion Ratio Lower Upper
88 100
58 81.7 62.0 93.0
43 34.1 26.6 40.0

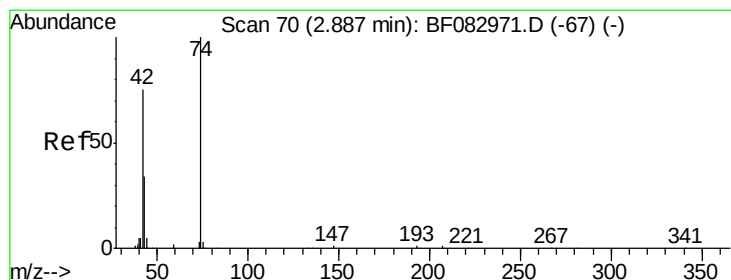
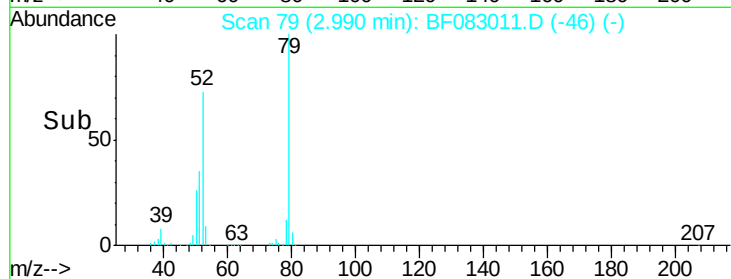
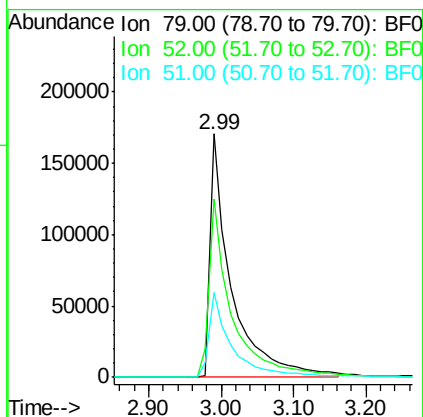
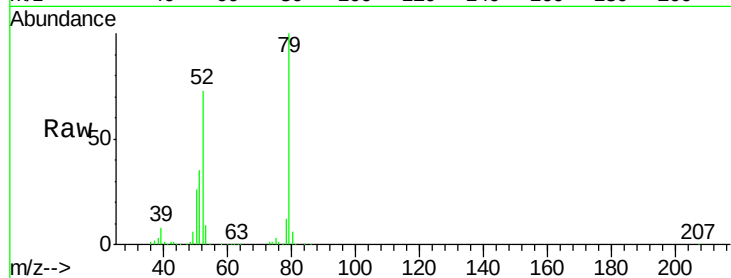




#3
 Pvridine
 Concen: 29.19 ng
 RT: 2.99 min Scan# 79
 Delta R.T. 0.08 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

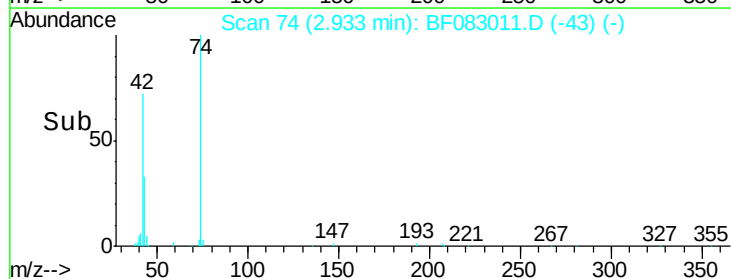
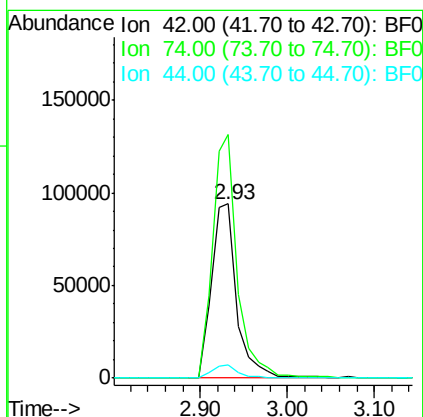
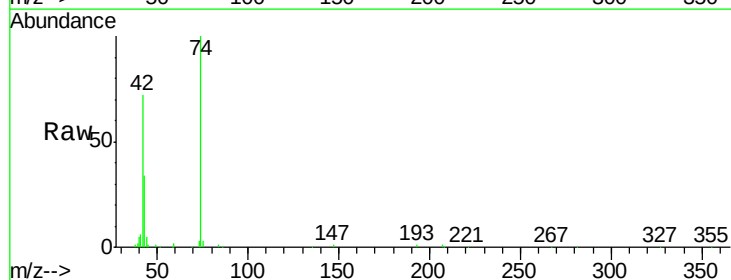
Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

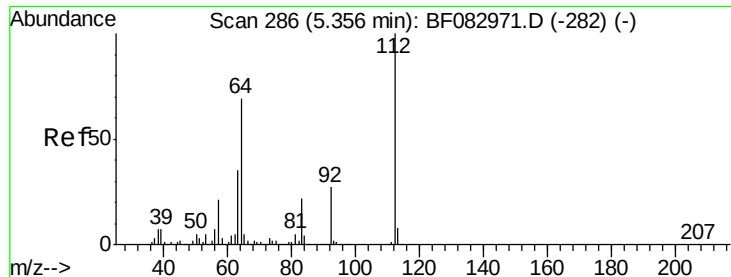
Tot Ion: 79 Resp: 348130
 Ion Ratio Lower Upper
 79 100
 52 73.3 62.8 94.2
 51 34.9 32.0 48.0



#4
 n-Nitrosodimethylamine
 Concen: 32.38 ng
 RT: 2.93 min Scan# 74
 Delta R.T. 0.06 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion: 42 Resp: 191547
 Ion Ratio Lower Upper
 42 100
 74 139.8 87.0 130.4#
 44 7.7 5.8 8.8





#5

2-Fluorophenol

Concen: 112.44 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

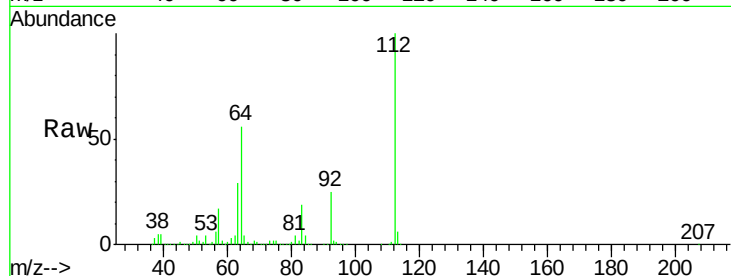
Tot Ion:112 Resp: 1071021

Ion Ratio Lower Upper

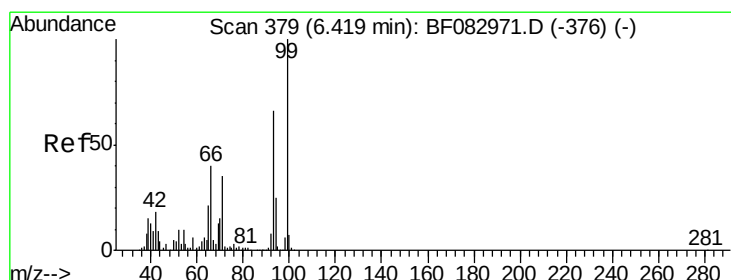
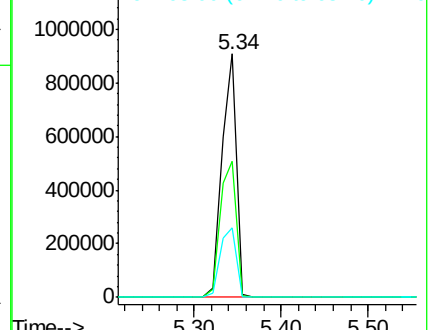
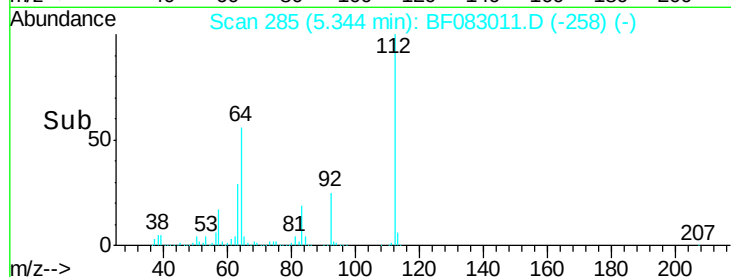
112 100

64 56.0 48.9 73.3

63 28.7 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): BF083011.D (-258) (-)



#6

Aniline

Concen: 14.86 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

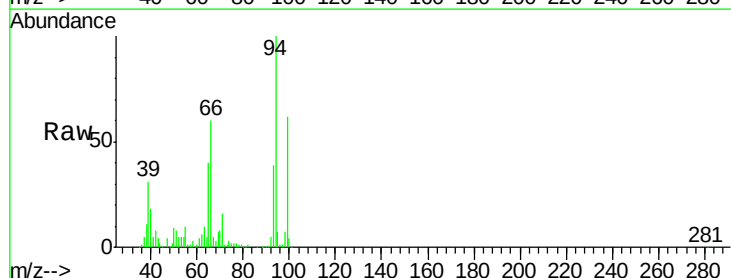
Tgt Ion: 93 Resp: 264261

Ion Ratio Lower Upper

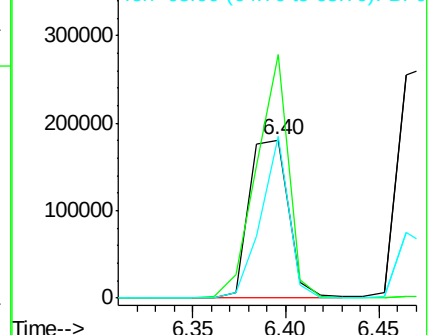
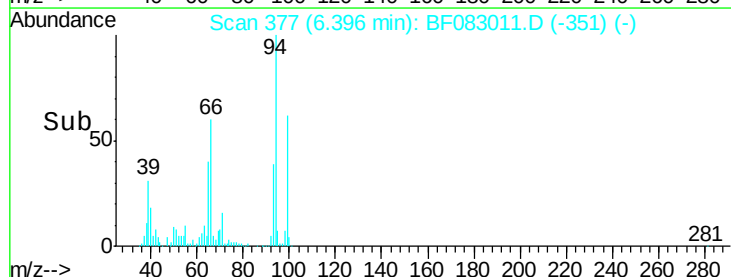
93 100

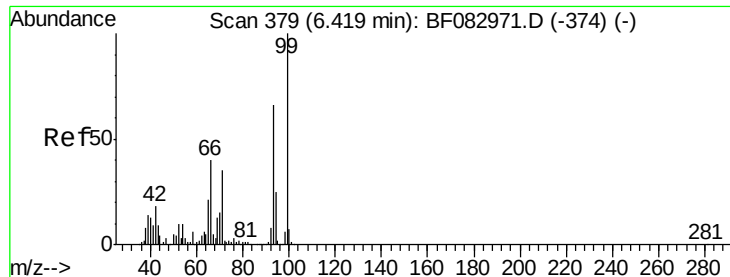
66 153.8 33.6 50.4#

65 102.2 18.1 27.1#



Abundance Ion 93.00 (92.70 to 93.70): BF083011.D (-351) (-)





#7

Phenol-d6

Concen: 101.07 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

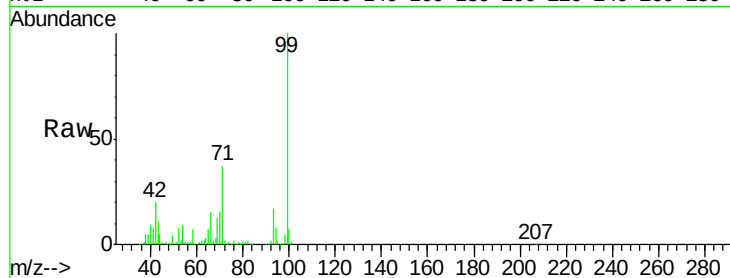
Tot Ion: 99 Resp: 1279857

Ion Ratio Lower Upper

99 100

42 20.2 19.2 28.8

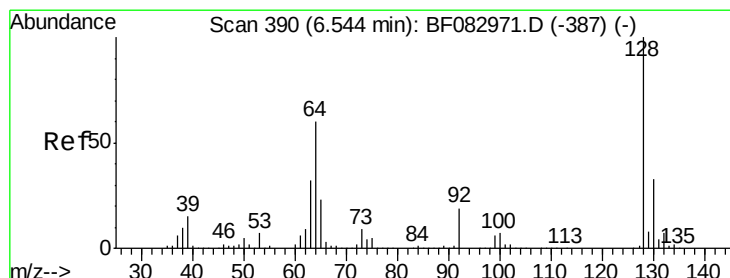
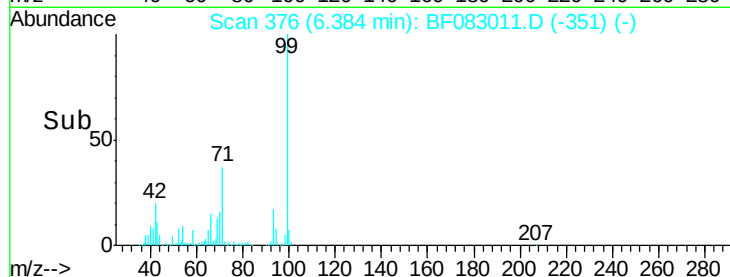
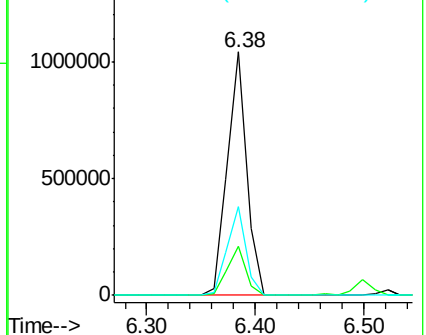
71 36.7 35.0 52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 34.34 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

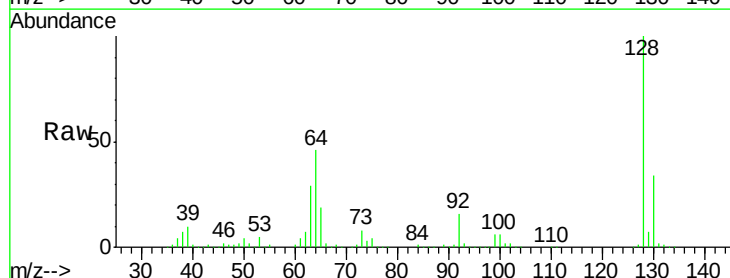
Tgt Ion: 128 Resp: 362624

Ion Ratio Lower Upper

128 100

130 34.0 13.5 53.5

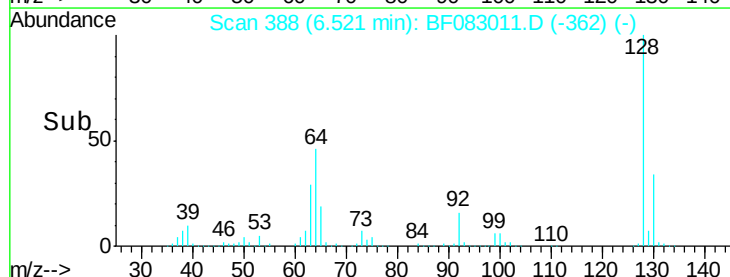
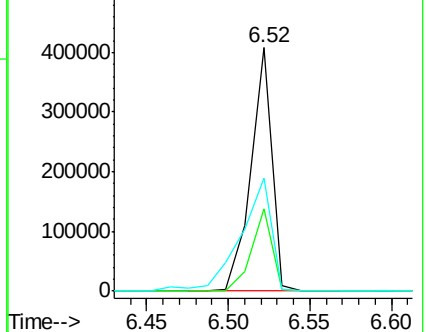
64 46.3 21.1 61.1

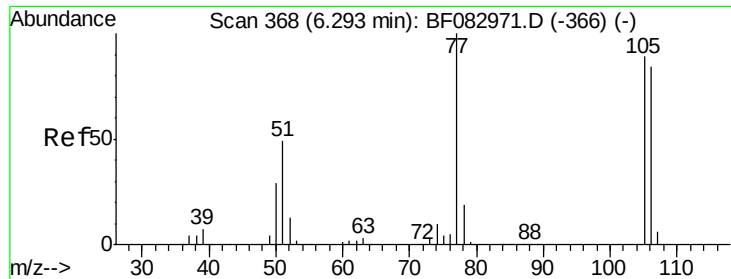


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

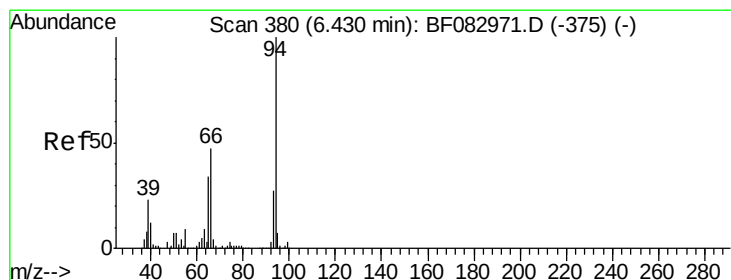
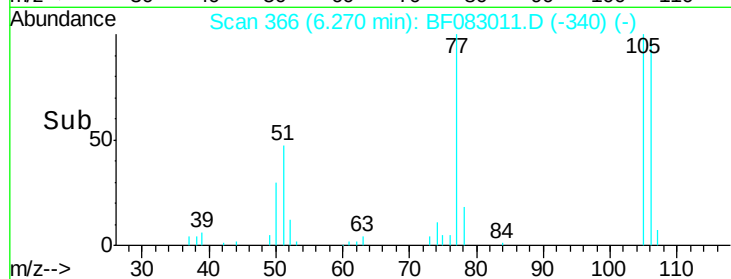
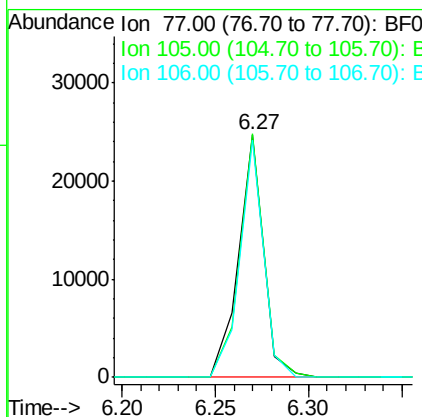
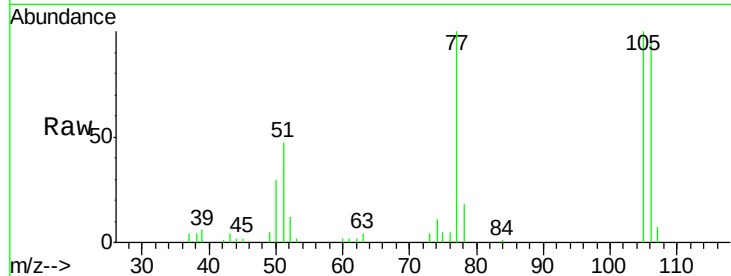




#9
Benzaldehyde
Concen: 3.31 ng
RT: 6.27 min Scan# 366
Delta R.T. -0.00 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

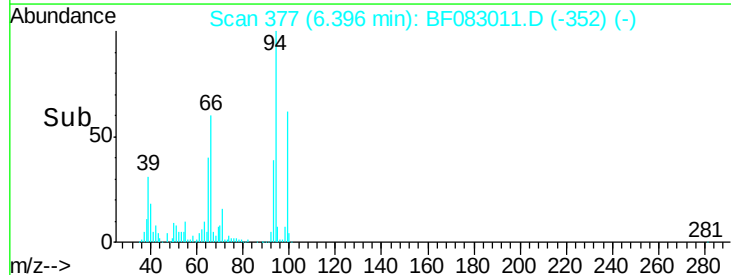
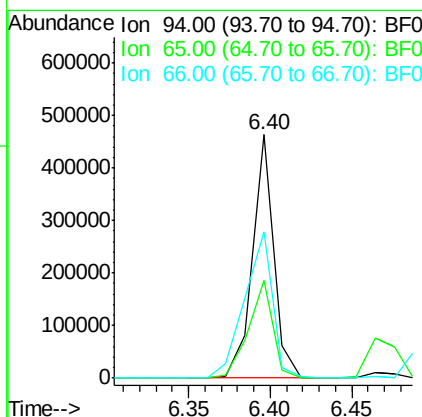
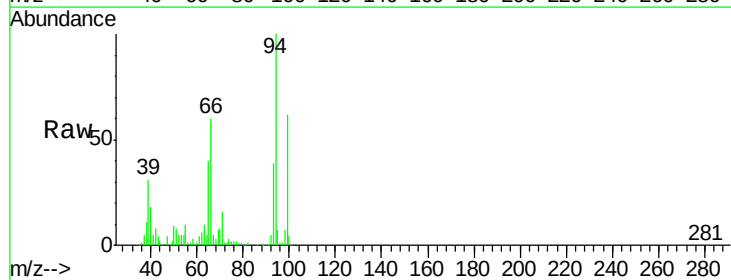
Instrument :
BNA_F
ClientSampleId :
PB86700BS

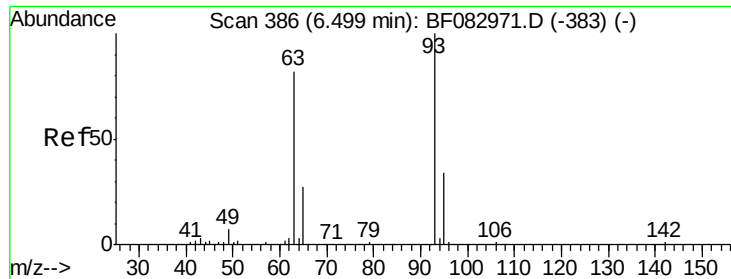
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Ion Ratio Lower Upper
77 100
105 100.3 63.5 103.5
106 97.5 59.3 99.3



#10
Phenol
Concen: 29.28 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion: 94 Resp: 420669
Ion Ratio Lower Upper
94 100
65 39.9 18.9 58.9
66 60.1 34.9 74.9

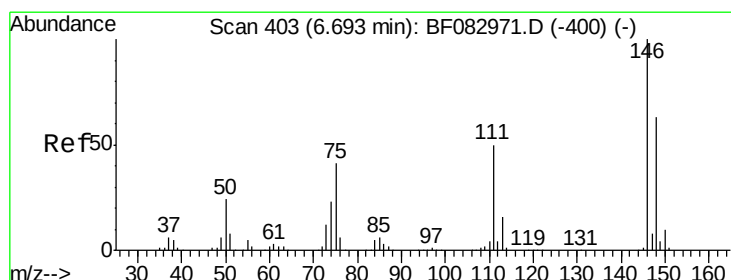
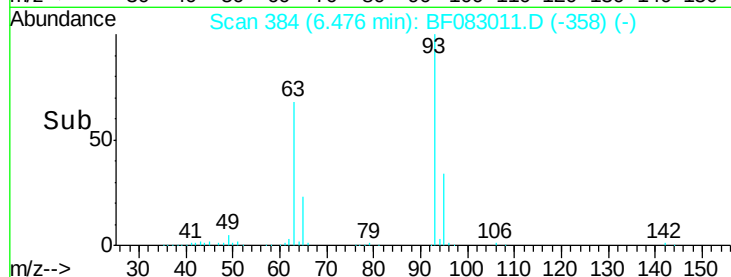
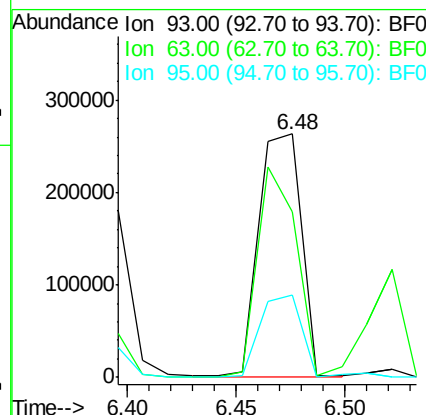
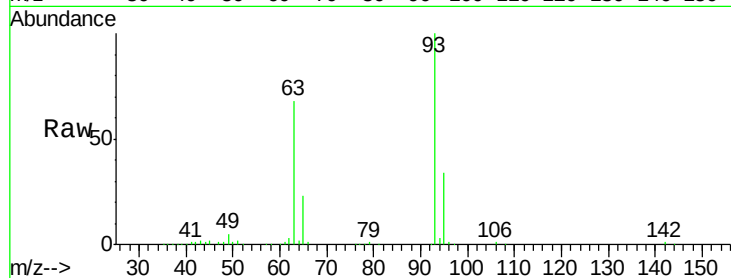




#11
bis(2-Chloroethyl)ether
Concen: 33.75 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

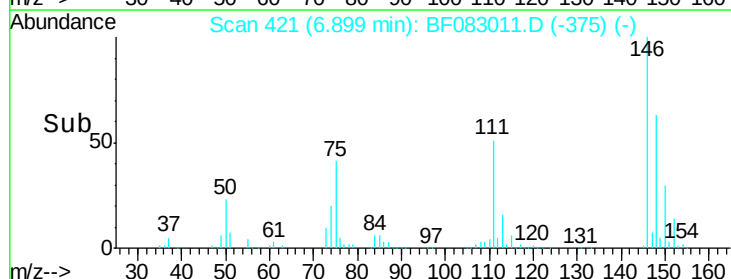
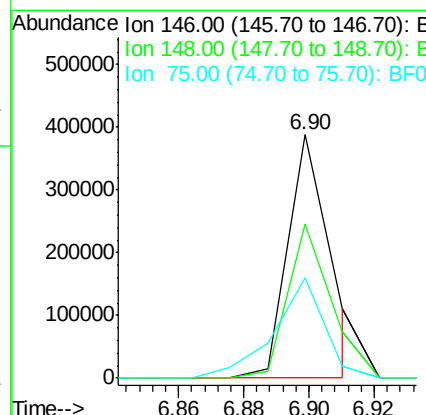
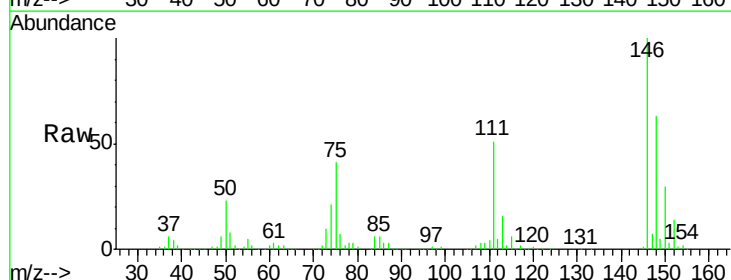
Instrument :
BNA_F
ClientSampleId :
PB86700BS

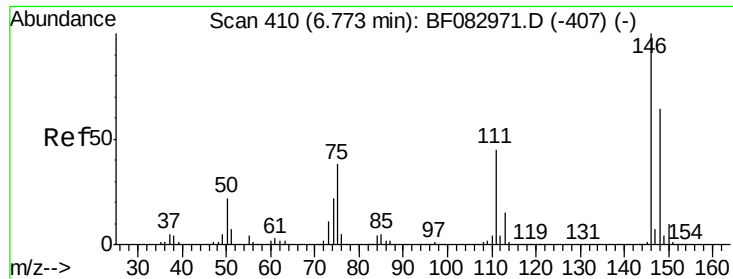
Tot Ion: 93 Resp: 362633
Ion Ratio Lower Upper
93 100
63 68.0 72.7 112.7#
95 34.1 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 29.60 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.23 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion: 146 Resp: 352458
Ion Ratio Lower Upper
146 100
148 63.0 50.5 75.7
75 41.2 39.5 59.3

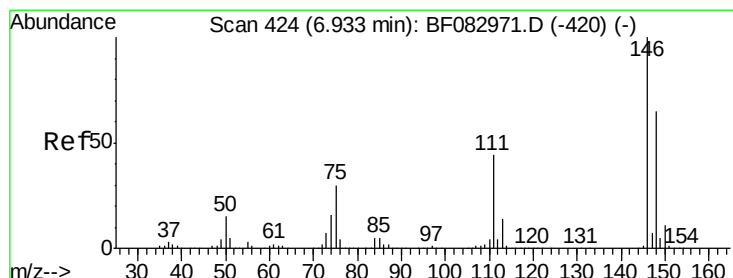
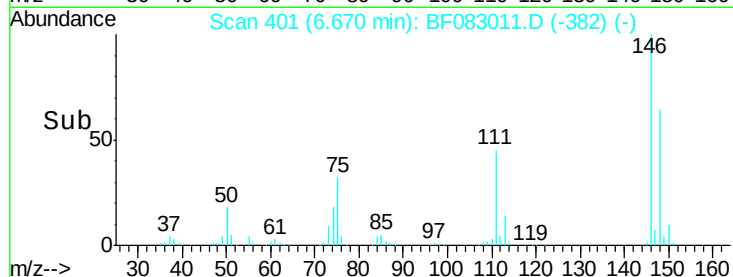
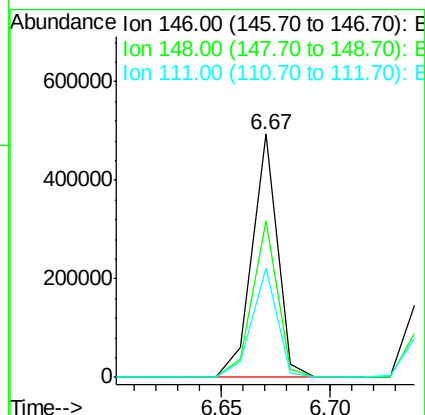
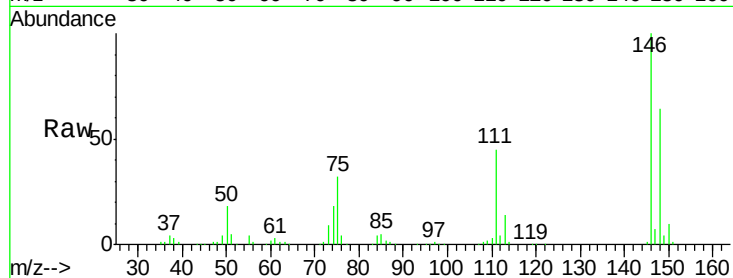




#13
 1,4-Dichlorobenzene
 Concen: 32.14 ng
 RT: 6.67 min Scan# 401
 Delta R.T. -0.08 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

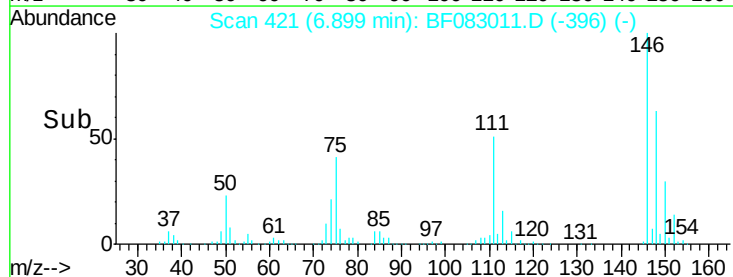
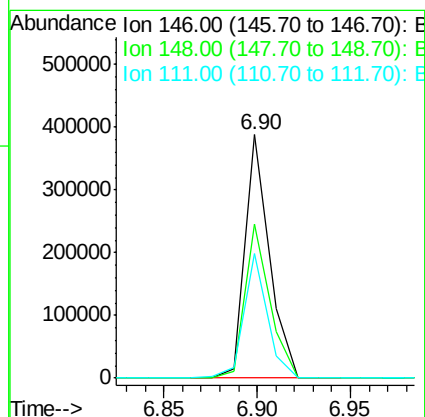
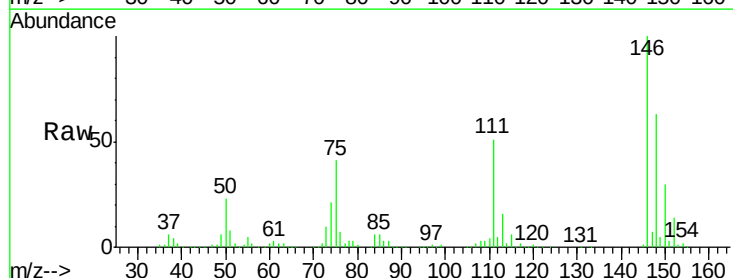
Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

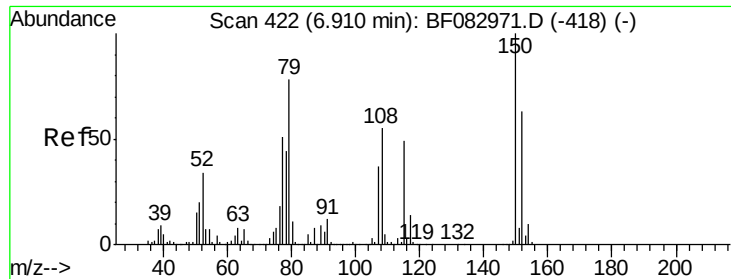
Tot Ion:146 Resp: 398263
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 44.8 40.6 60.8



#14
 1,2-Dichlorobenzene
 Concen: 31.32 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion:146 Resp: 352932
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.2 78.4
 111 51.4 36.6 55.0





#15

Benzyl Alcohol

Concen: 30.83 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

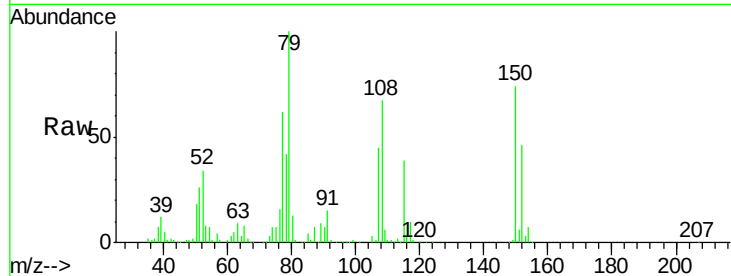
Tot Ion: 79 Resp: 342824

Ion Ratio Lower Upper

79 100

108 66.9 52.2 78.4

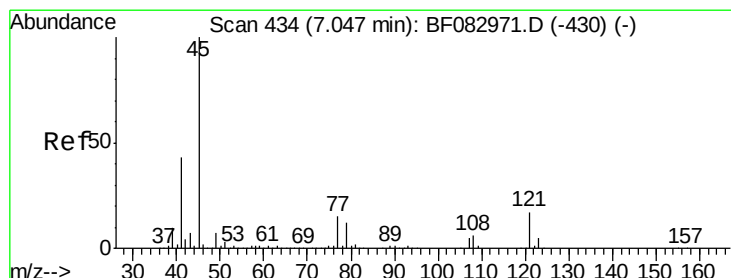
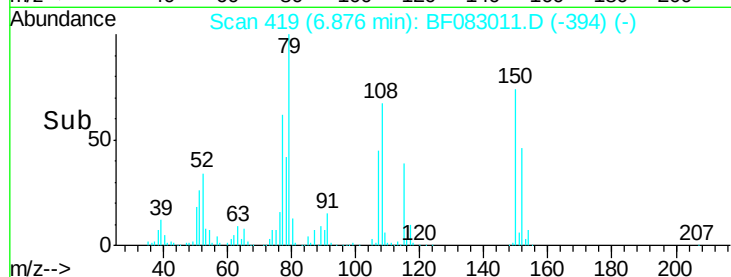
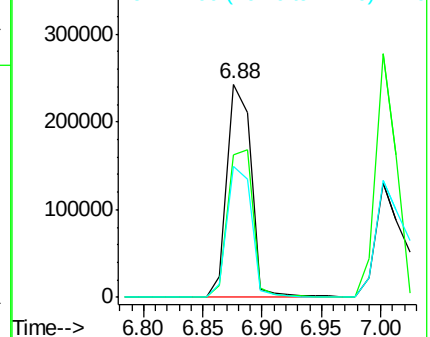
77 61.5 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.36 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

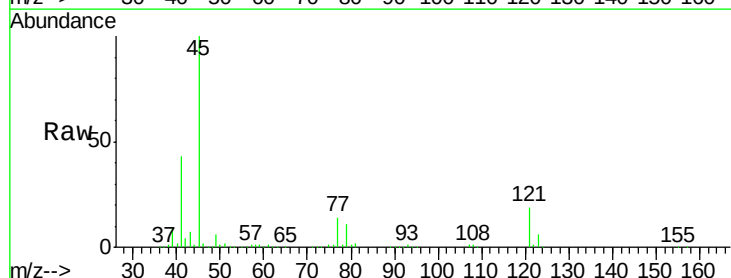
Tgt Ion: 45 Resp: 604644

Ion Ratio Lower Upper

45 100

77 14.0 0.0 32.6

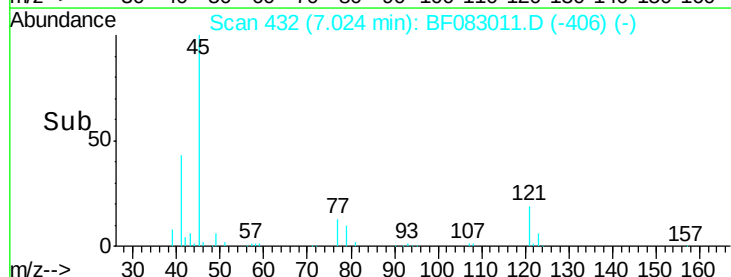
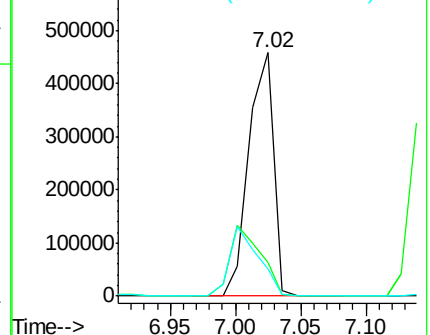
79 11.3 0.0 29.2

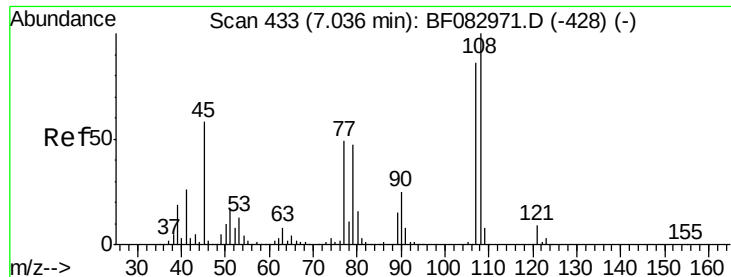


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 32.44 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

Tot Ion:107 Resp: 290086

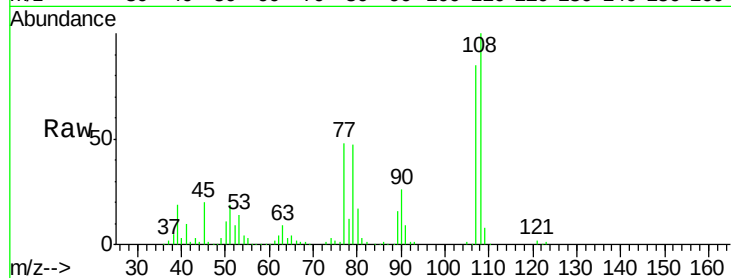
Ion Ratio Lower Upper

107 100

108 117.1 93.0 139.4

77 56.1 44.1 66.1

79 55.0 43.6 65.4

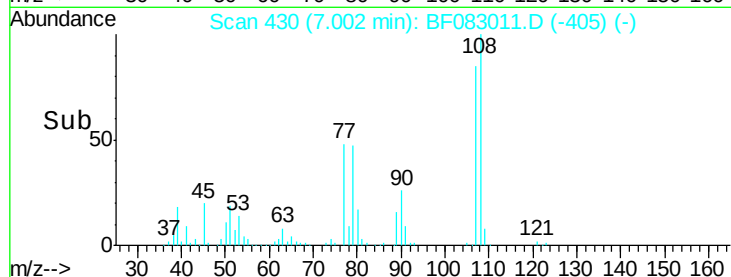


Abundance Ion 107.00 (106.70 to 107.70): E

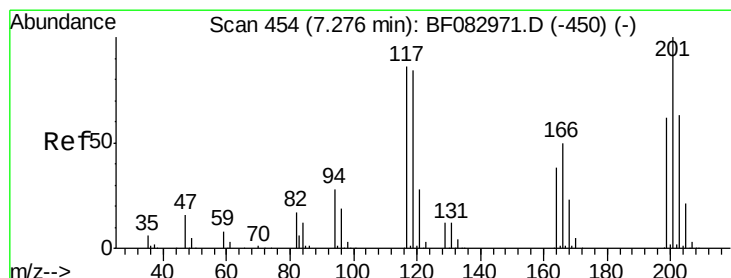
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 31.50 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

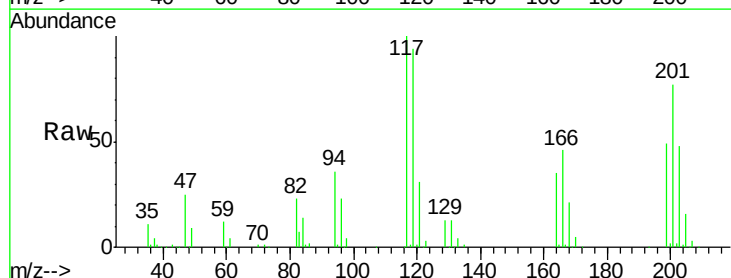
Tgt Ion:117 Resp: 139590

Ion Ratio Lower Upper

117 100

119 94.3 77.7 116.5

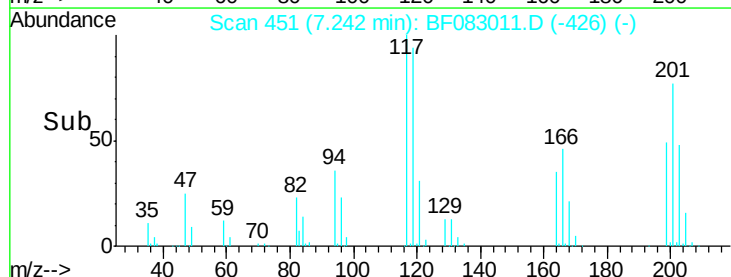
201 76.5 66.7 100.1



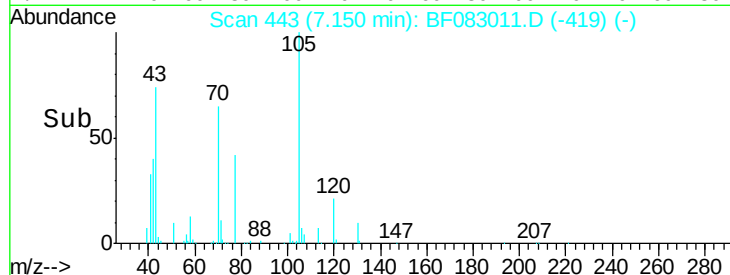
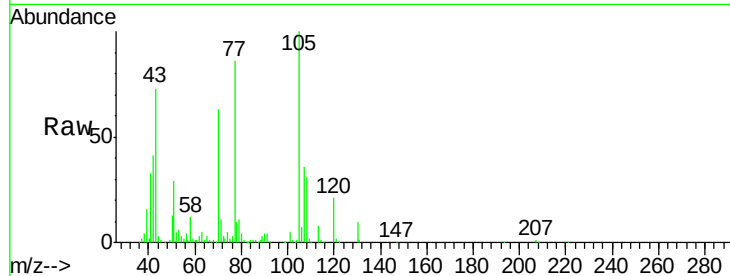
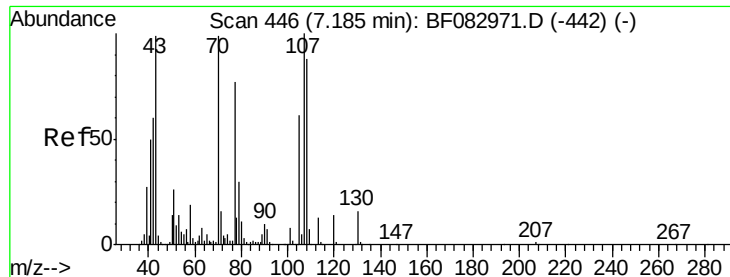
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



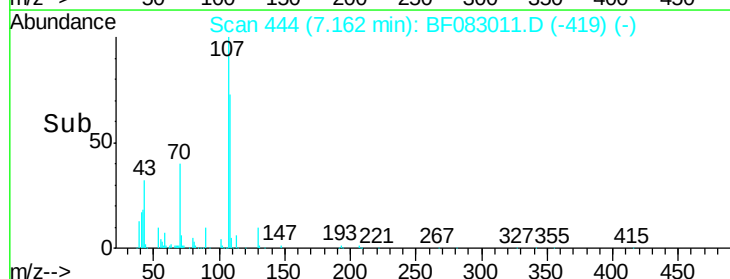
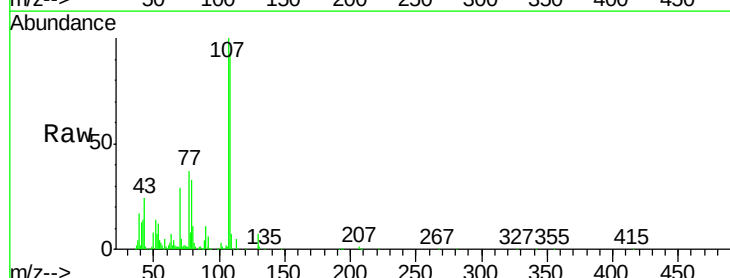
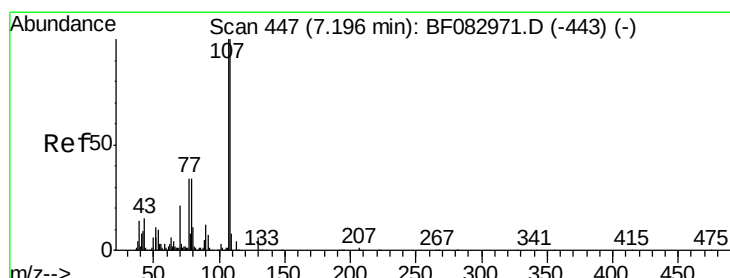
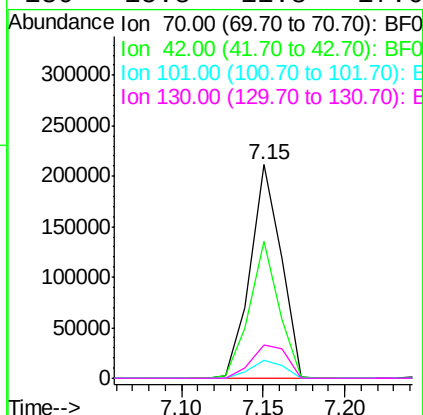
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 29.76 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

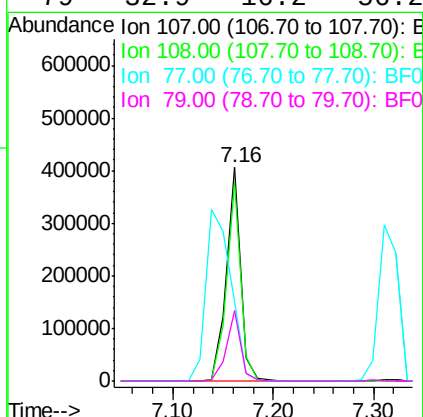
Instrument :
BNA_F
ClientSampleId :
PB86700BS

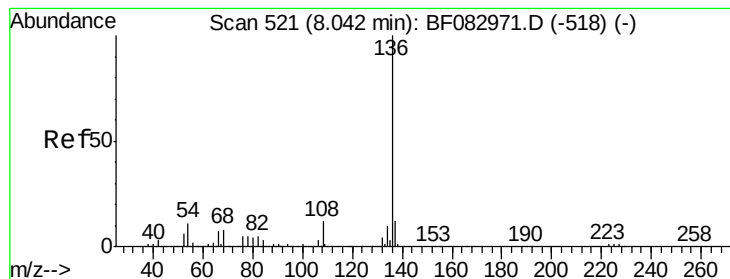
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.1	57.7	86.5	
101	8.1	7.0	10.6	
130	15.8	11.8	17.6	



#20
3+4-Methylphenols
Concen: 34.32 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.0	67.3	107.3	
77	37.1	100.3	140.3	
79	32.9	16.2	56.2	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

Tot Ion:136 Resp: 600425

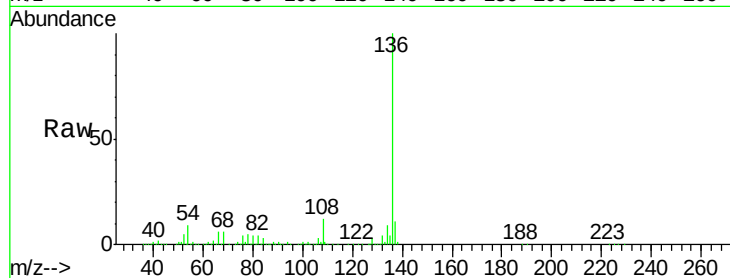
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.0 9.1 13.7#

68 6.0 4.8 7.2

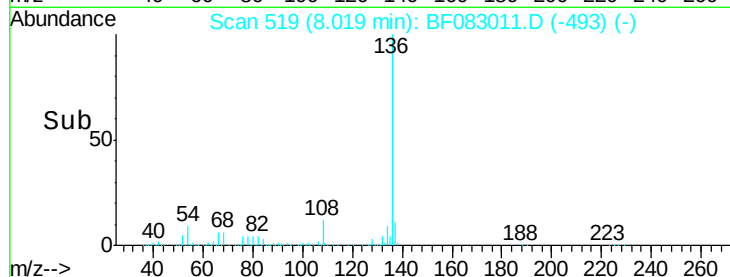


Abundance Ion 136.00 (135.70 to 136.70): E

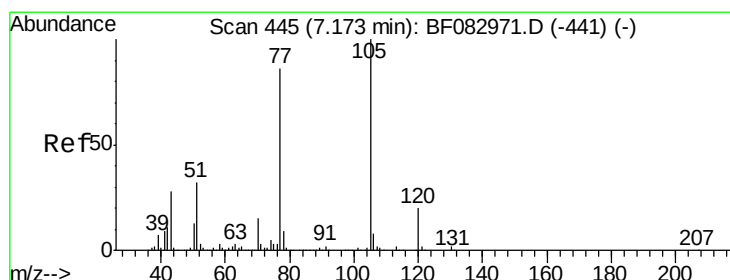
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 30.55 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.02 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Tgt Ion:105 Resp: 525567

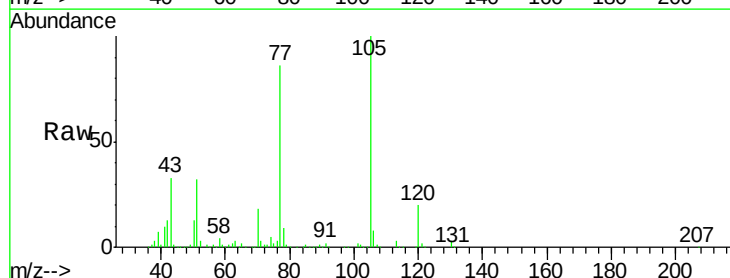
Ion Ratio Lower Upper

105 100

71 3.1 5.6 8.4#

51 32.0 24.9 37.3

120 19.6 15.8 23.8

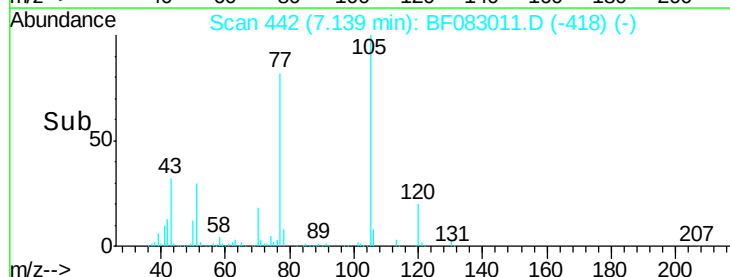


Abundance Ion 105.00 (104.70 to 105.70): E

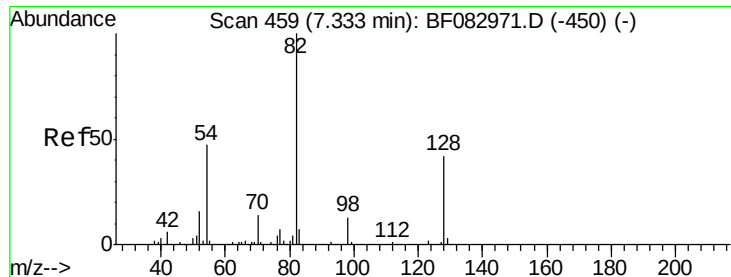
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



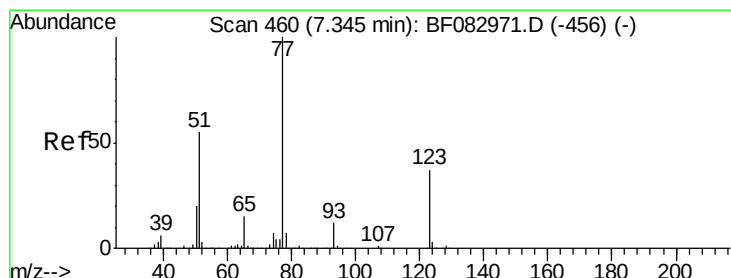
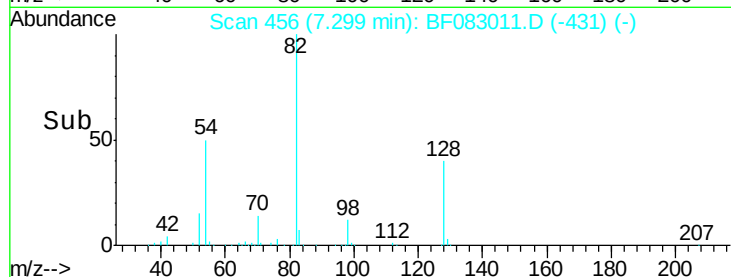
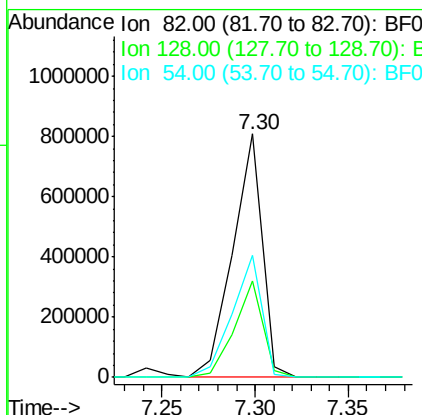
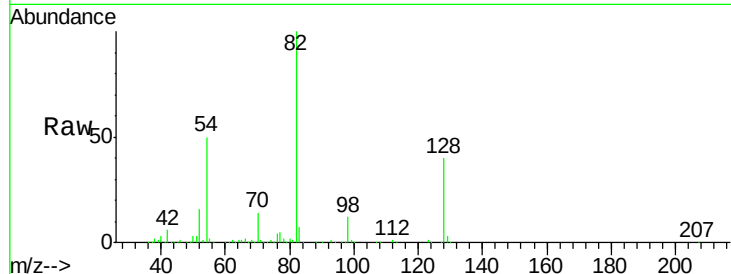
Time-->



#23
Nitrobenzene-d5
Concen: 64.88 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

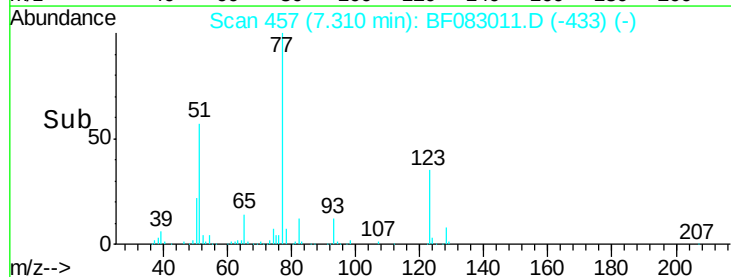
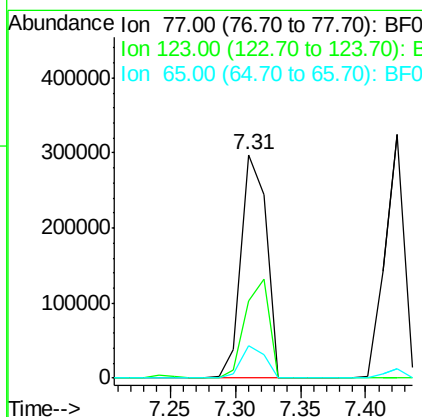
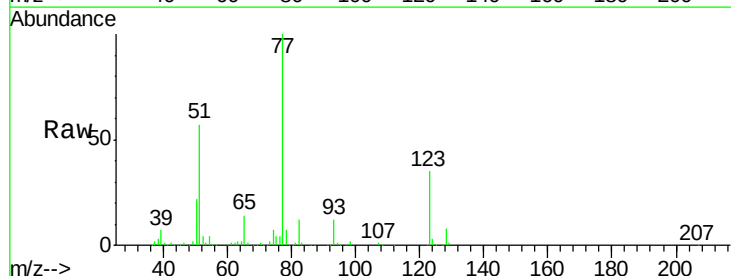
Instrument :
BNA_F
ClientSampleId :
PB86700BS

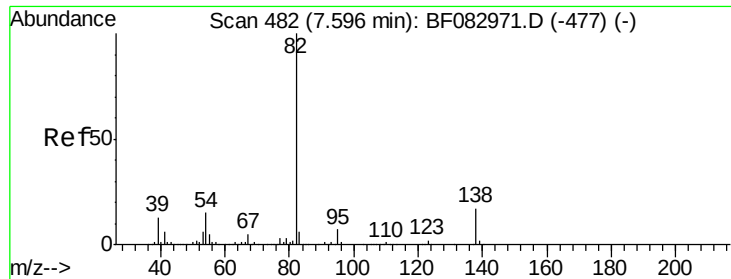
Tot Ion	82	Resp	895219
Ion Ratio	100	Lower	Upper
128	39.5	26.8	40.2
54	50.3	45.7	68.5



#24
Nitrobenzene
Concen: 28.37 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion	77	Resp	400399
Ion Ratio	100	Lower	Upper
123	34.7	36.4	54.6#
65	14.3	11.5	17.3





#25

Isophorone

Concen: 31.42 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

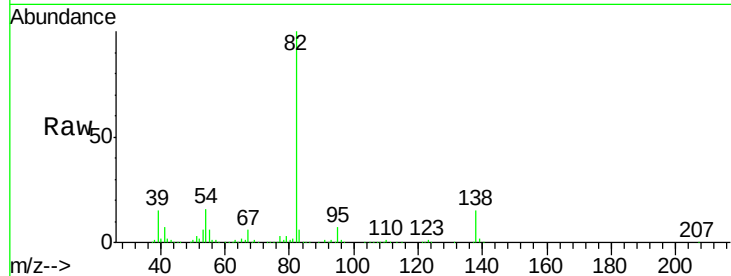
Tot Ion: 82 Resp: 802138

Ion Ratio Lower Upper

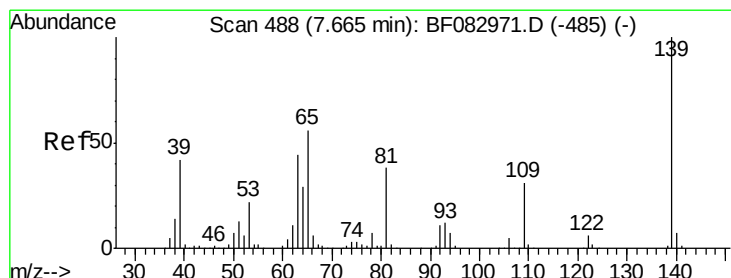
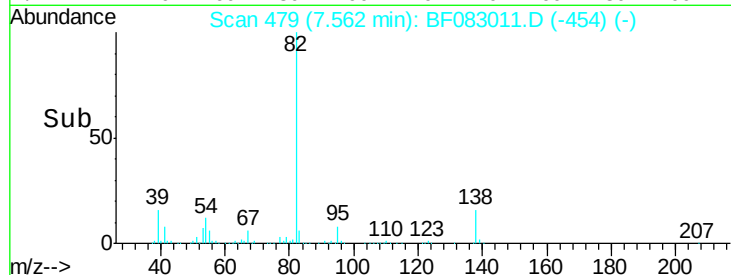
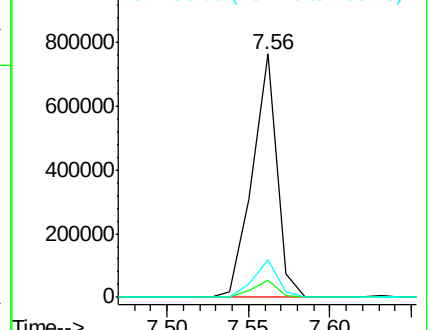
82 100

95 7.1 6.6 9.8

138 15.2 11.4 17.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 30.41 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

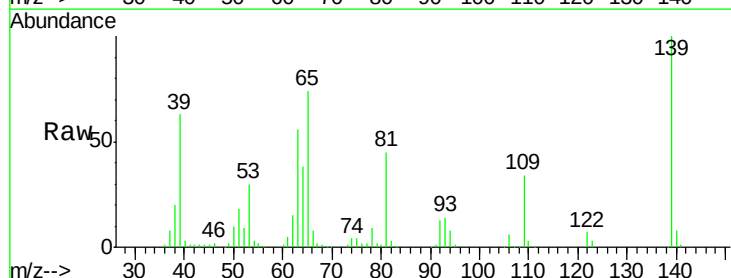
Tgt Ion: 139 Resp: 179148

Ion Ratio Lower Upper

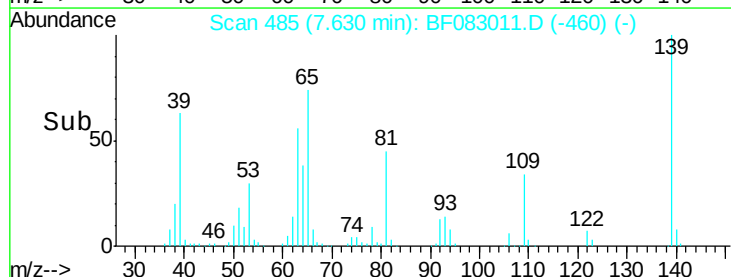
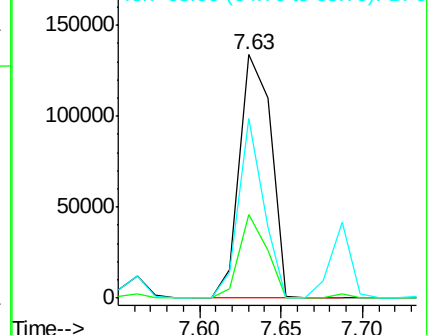
139 100

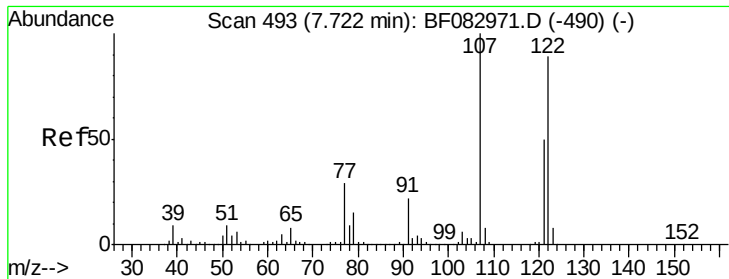
109 34.4 37.6 56.4#

65 73.8 70.6 105.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 31.06 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

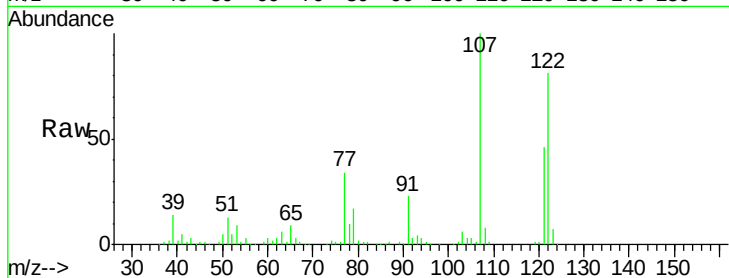
Tot Ion:122 Resp: 328776

Ion Ratio Lower Upper

122 100

107 123.7 106.0 159.0

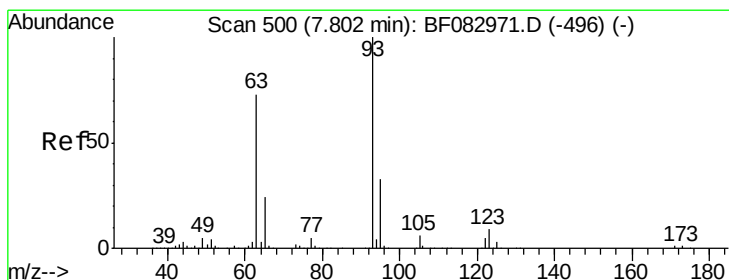
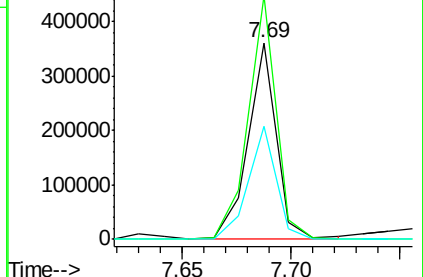
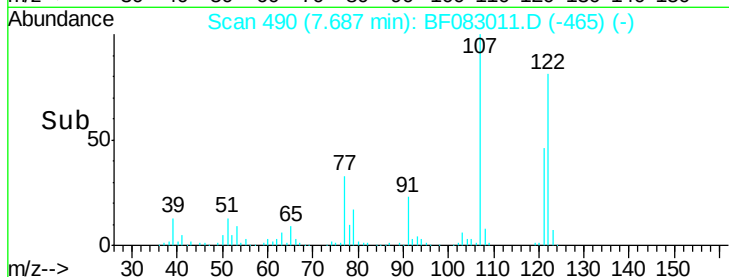
121 57.2 46.7 70.1



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: 34.79 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

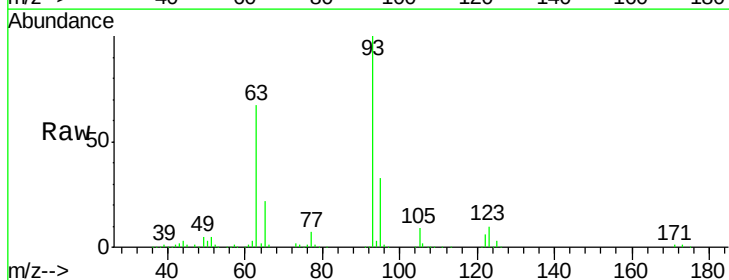
Tgt Ion: 93 Resp: 501056

Ion Ratio Lower Upper

93 100

95 33.3 26.6 40.0

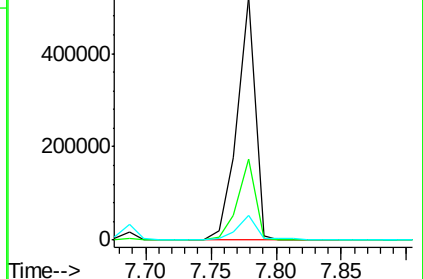
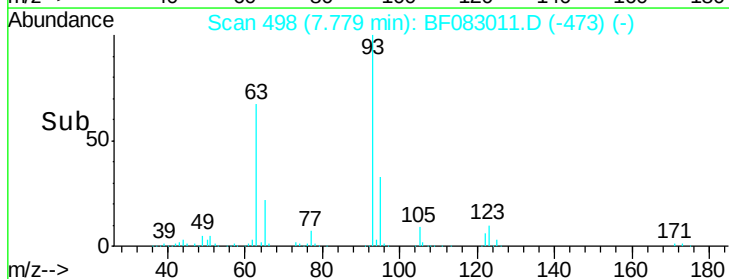
123 10.3 9.7 14.5

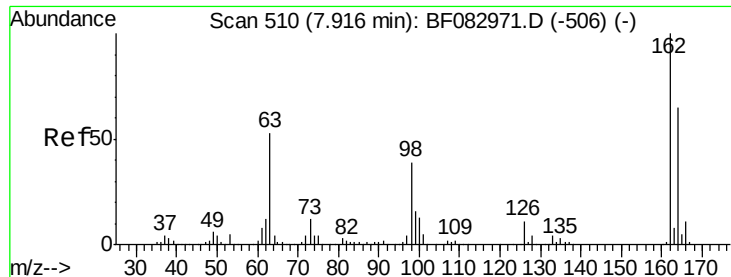


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

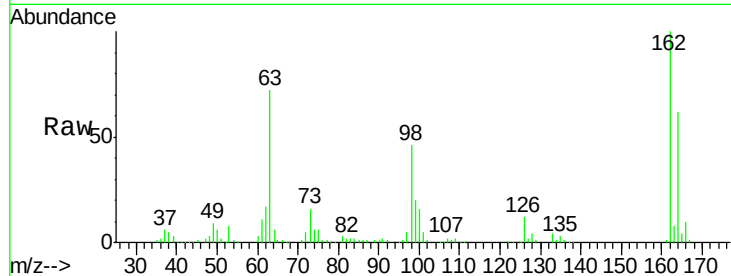




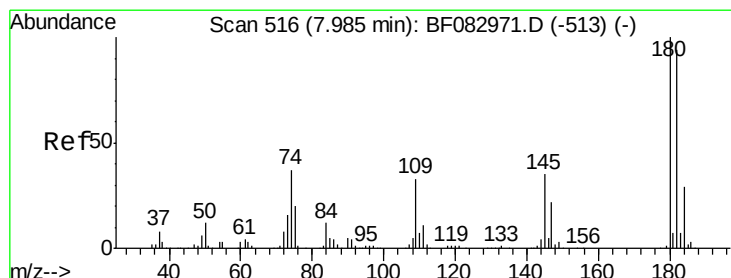
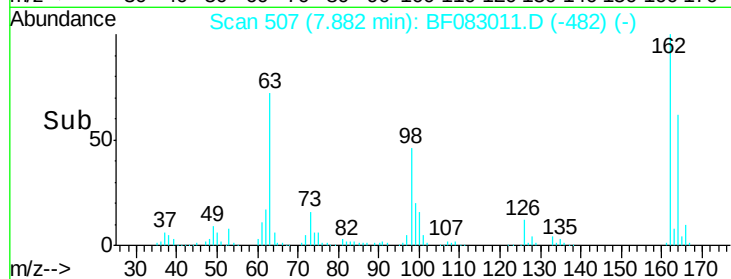
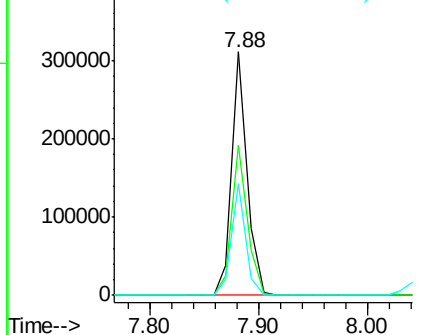
#29
 2,4-Dichlorophenol
 Concen: 31.68 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.9	46.8	86.8
98	46.2	12.5	52.5

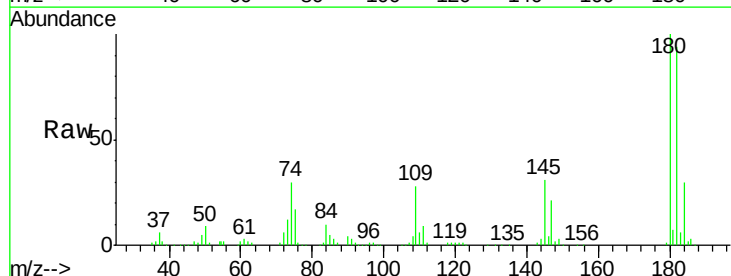


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

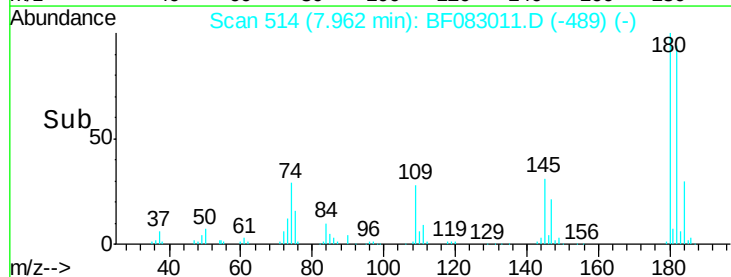
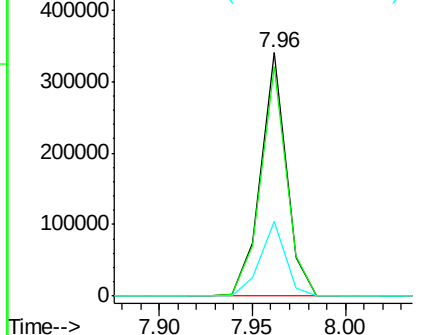


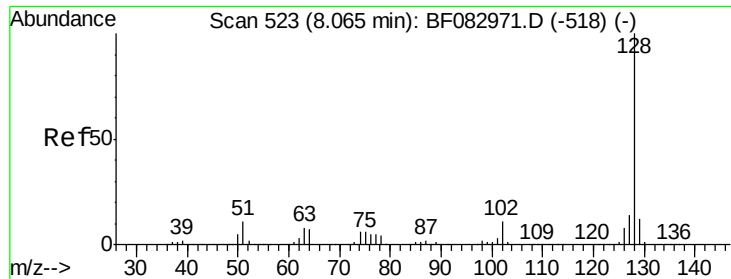
#30
 1,2,4-Trichlorobenzene
 Concen: 30.00 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	74.9	112.3
145	30.9	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

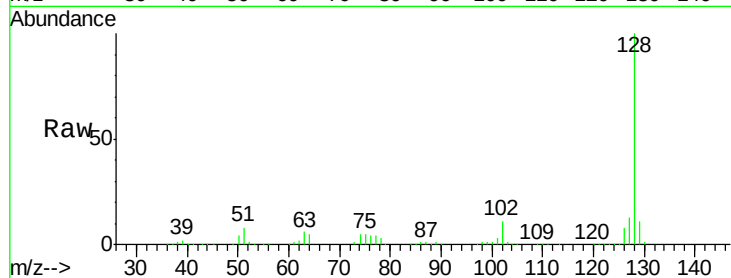




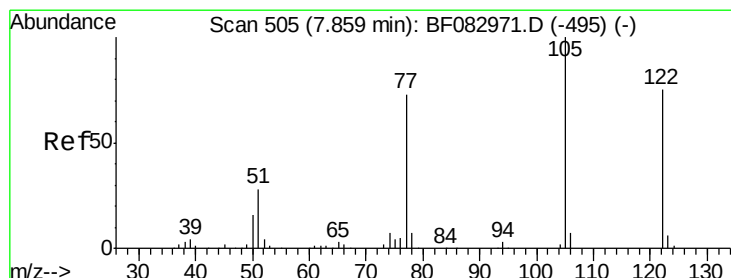
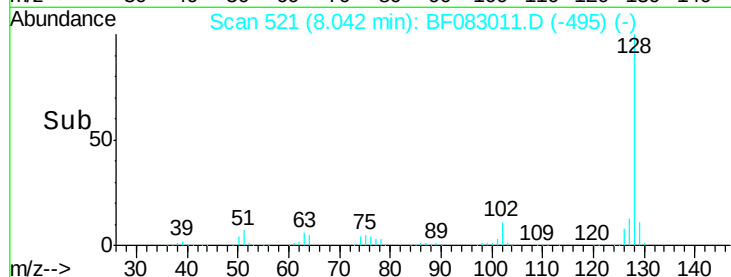
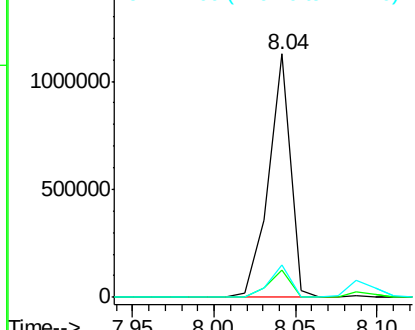
#31
Naphthalene
Concen: 31.94 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
PB86700BS

Tot Ion:128 Resp: 1057928
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.3 11.4 17.0

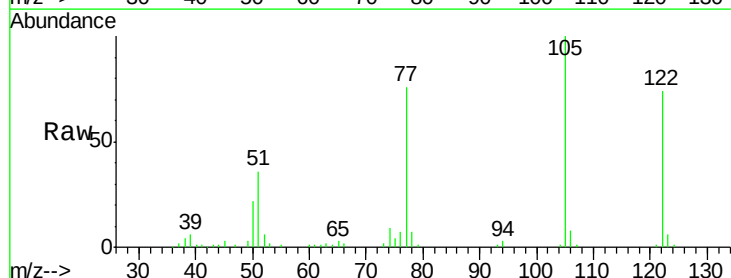


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

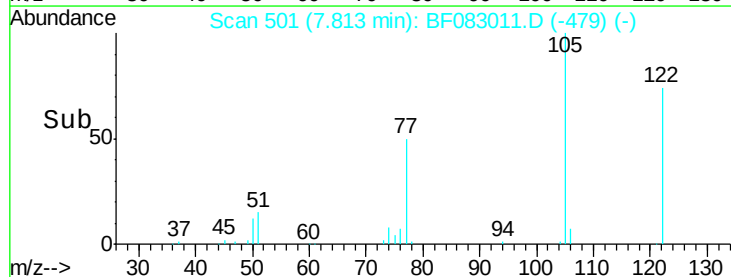
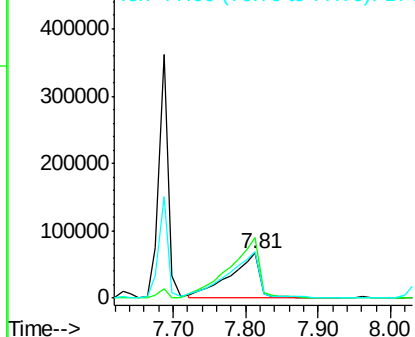


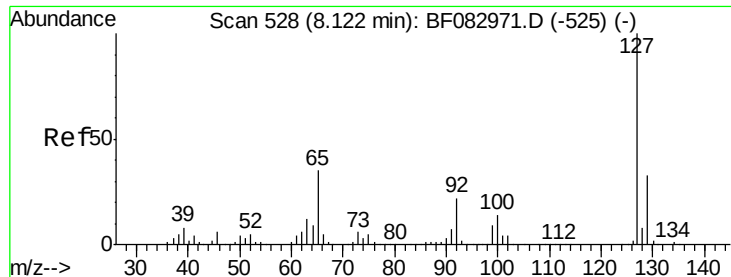
#32
Benzoic acid
Concen: 26.61 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion:122 Resp: 192824
Ion Ratio Lower Upper
122 100
105 135.9 122.6 162.6
77 103.8 100.9 140.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

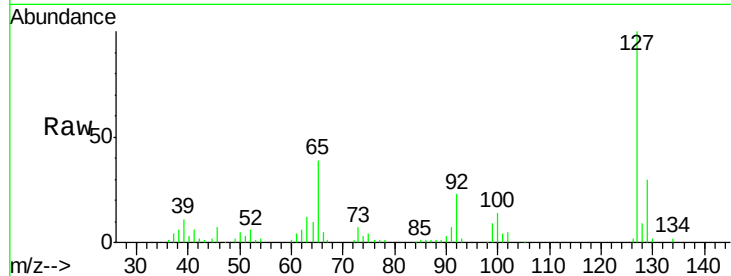




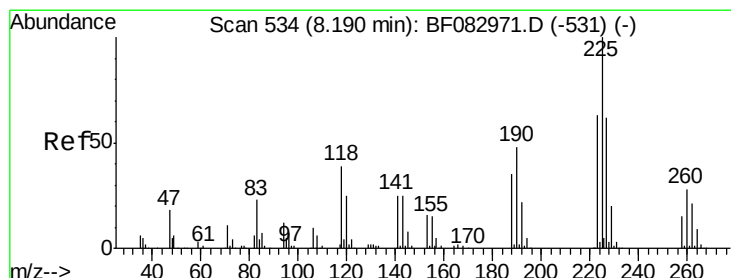
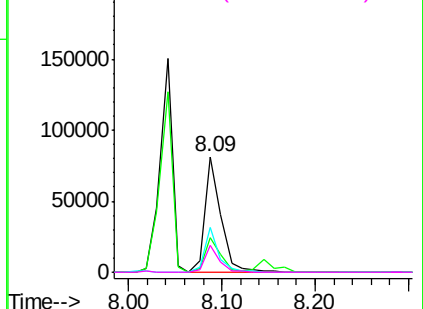
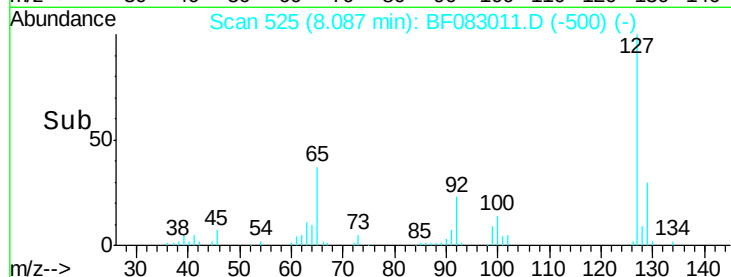
#33
4-Chloroaniline
Concen: 6.90 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
PB86700BS

Tot Ion:	127	Resp:	98562
Ion Ratio	Lower	Upper	
127	100		
129	29.9	26.3	39.5
65	39.4	37.8	56.8
92	22.9	20.6	31.0

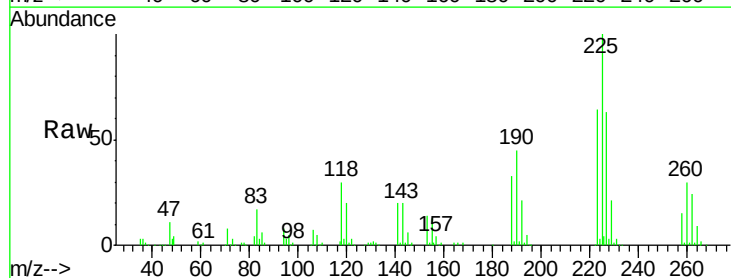


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

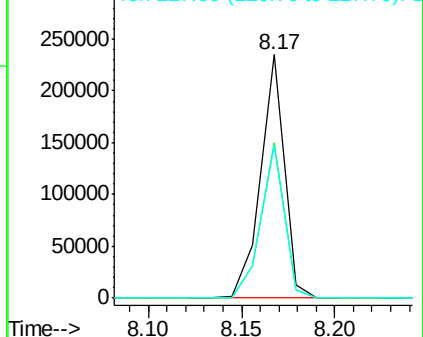
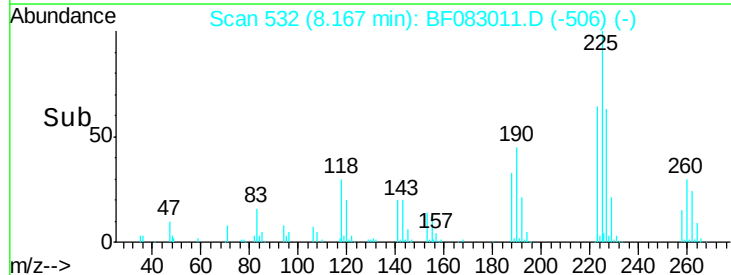


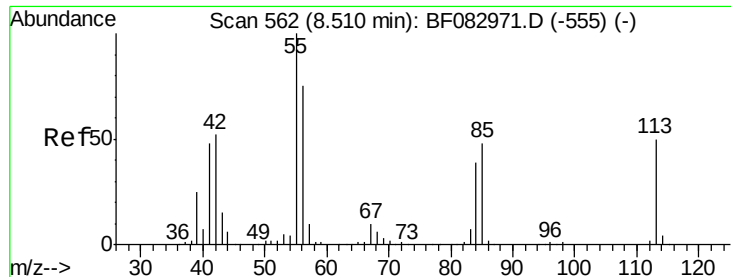
#34
Hexachlorobutadiene
Concen: 30.55 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion:	225	Resp:	205675
Ion Ratio	Lower	Upper	
225	100		
223	63.5	50.5	75.7
227	62.9	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

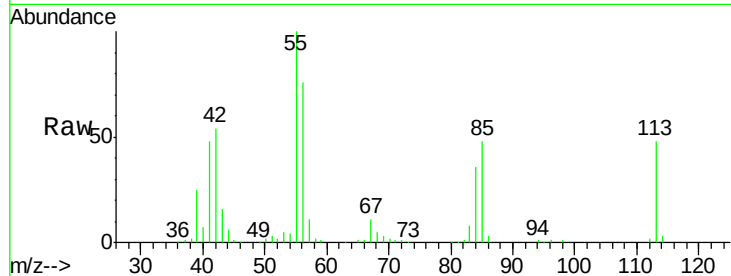




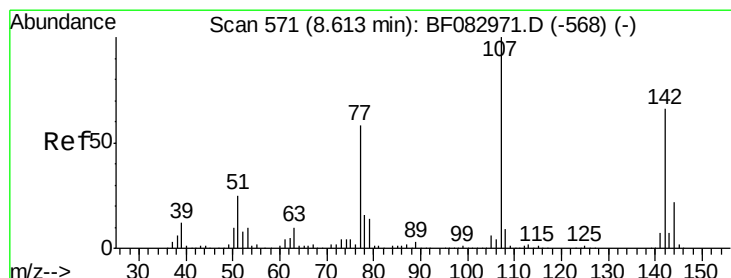
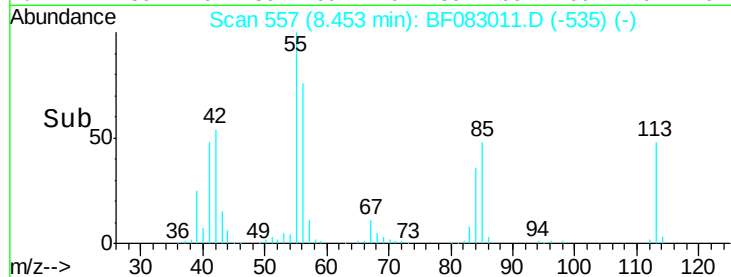
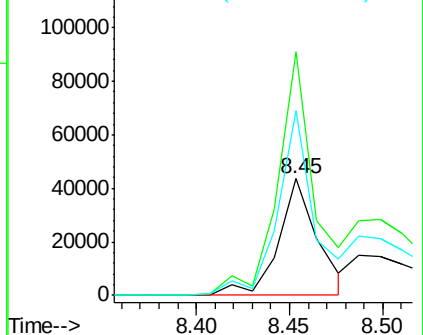
#35
 Caprolactam
 Concen: 21.14 ng
 RT: 8.45 min Scan# 557
 Delta R.T. -0.05 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

Tot Ion:113 Resp: 63746
 Ion Ratio Lower Upper
 113 100
 55 209.0 195.5 235.5
 56 158.2 153.5 193.5

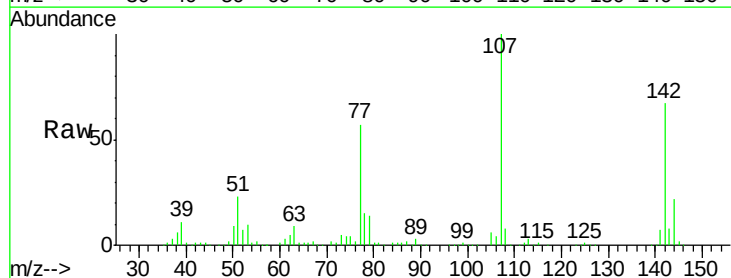


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

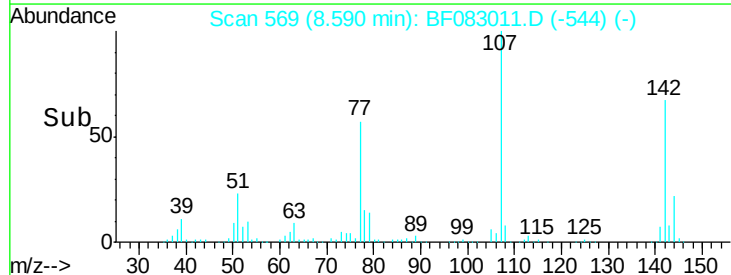
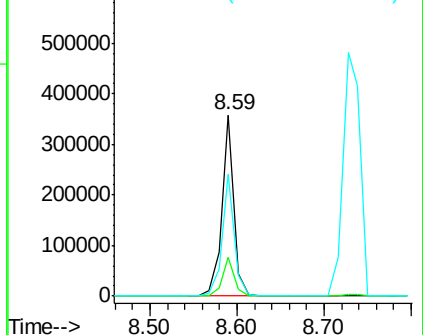


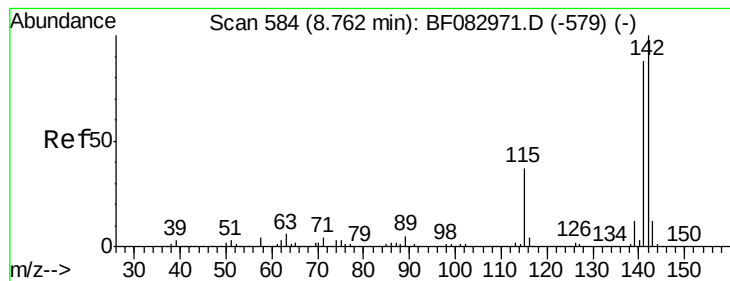
#36
 4-Chloro-3-methylphenol
 Concen: 30.90 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion:107 Resp: 347635
 Ion Ratio Lower Upper
 107 100
 144 21.5 15.4 23.0
 142 67.2 47.8 71.8



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 31.22 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

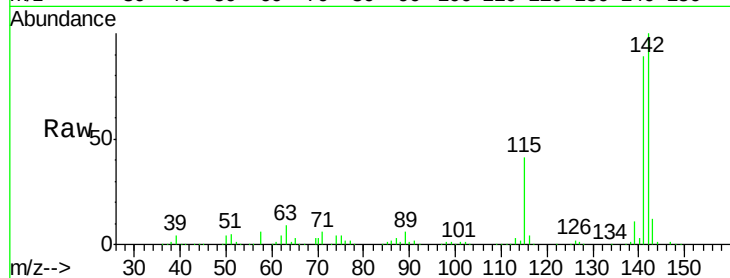
Tot Ion:142 Resp: 668950

Ion Ratio Lower Upper

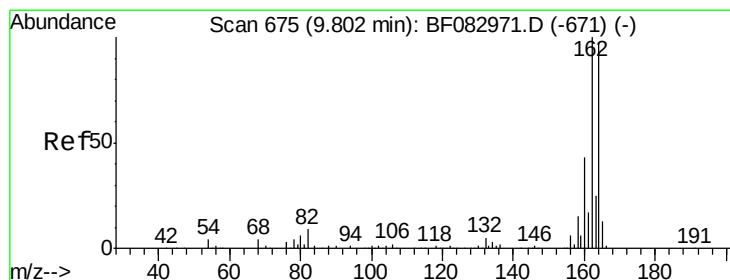
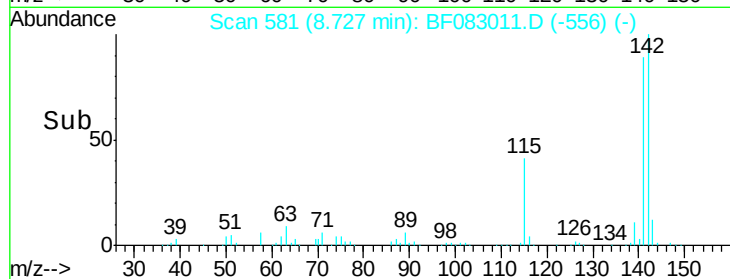
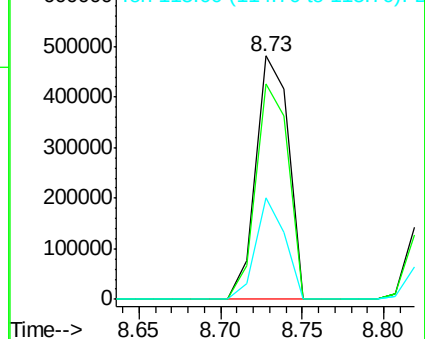
142 100

141 88.5 72.3 108.5

115 41.5 38.1 57.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

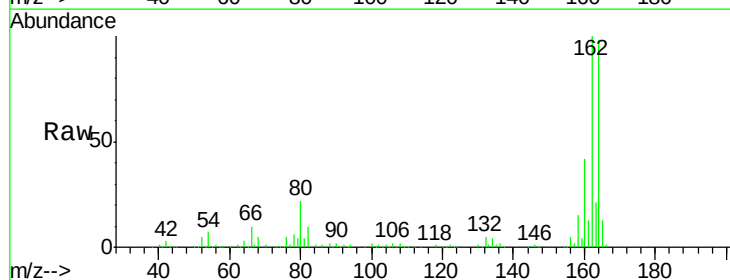
Tgt Ion:164 Resp: 294590

Ion Ratio Lower Upper

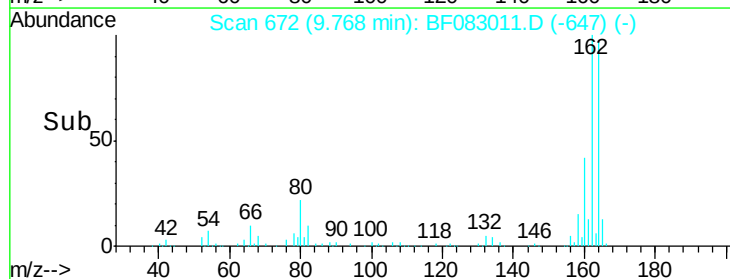
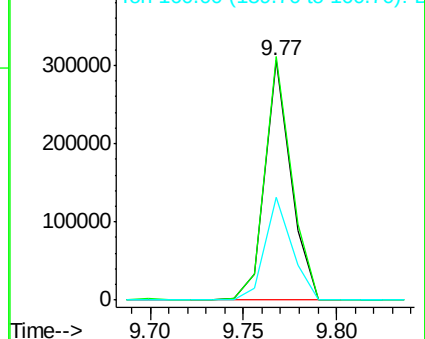
164 100

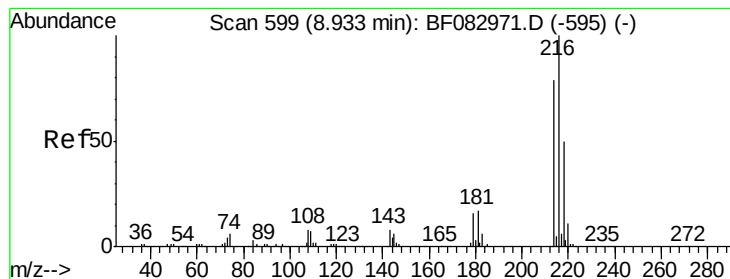
162 101.8 84.9 127.3

160 42.8 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.69 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

Tot Ion:216 Resp: 306807

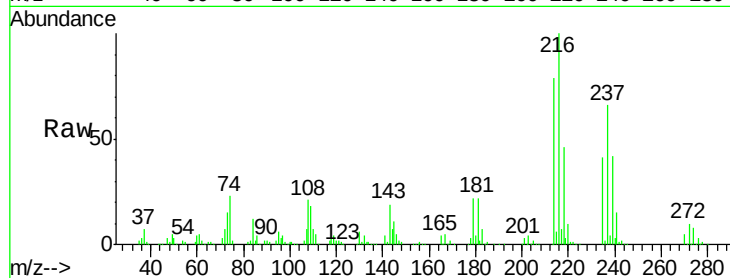
Ion Ratio Lower Upper

216 100

214 78.6 62.2 93.2

179 21.5 18.1 27.1

108 22.6 16.6 25.0

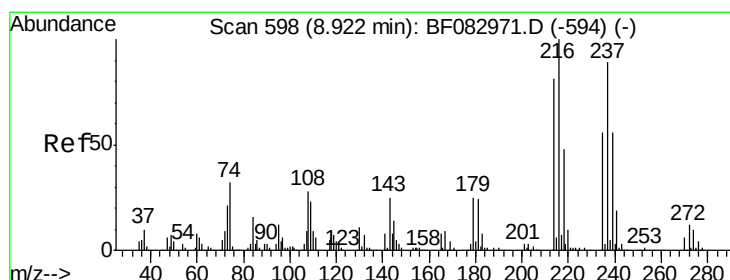
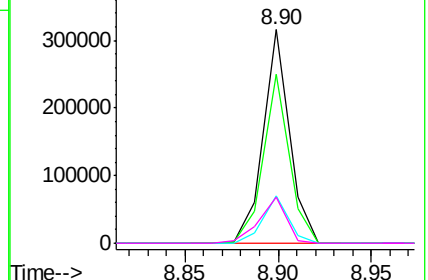
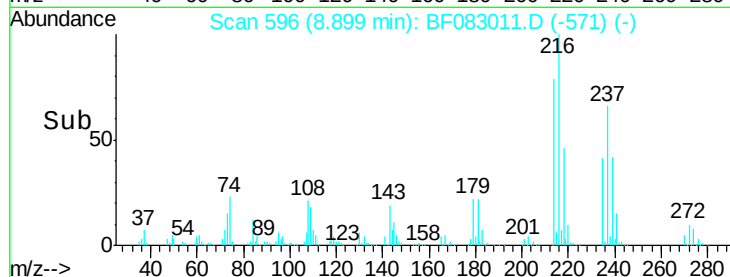


Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.49 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

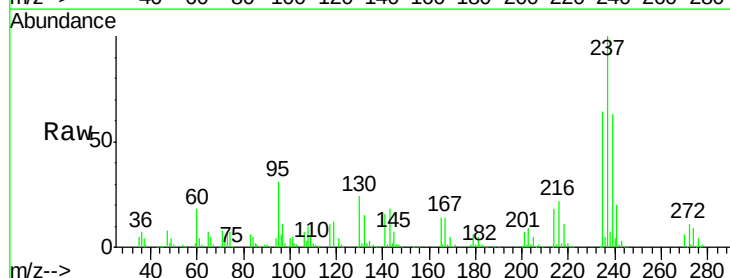
Tgt Ion:237 Resp: 351029

Ion Ratio Lower Upper

237 100

235 63.6 44.3 84.3

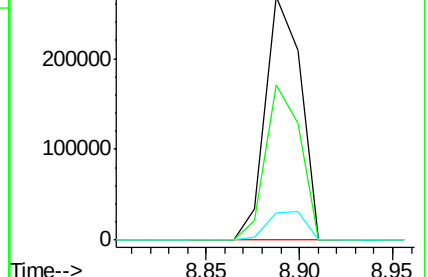
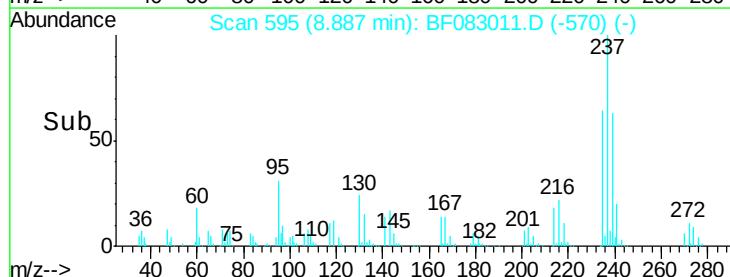
272 11.3 0.0 31.9

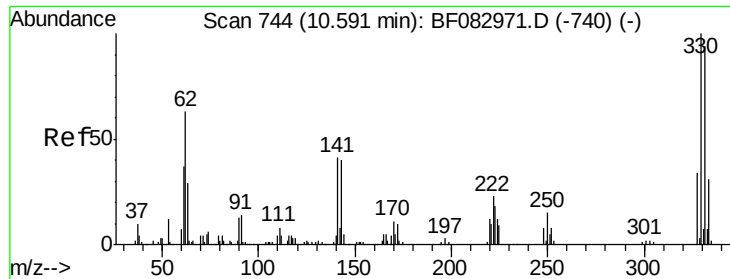


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

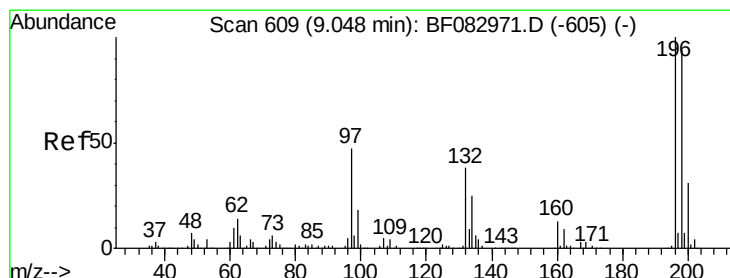
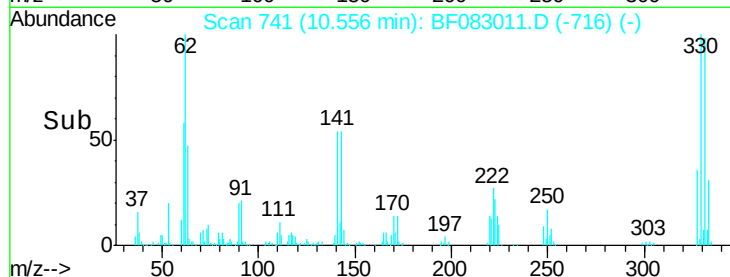
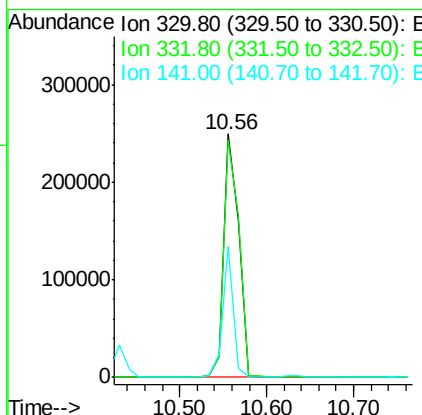
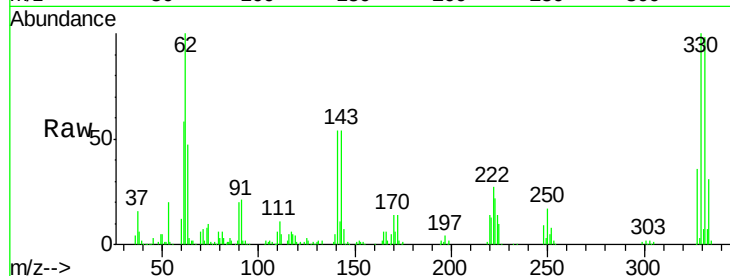




#41
 2,4,6-Tribromophenol
 Concen: 89.00 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

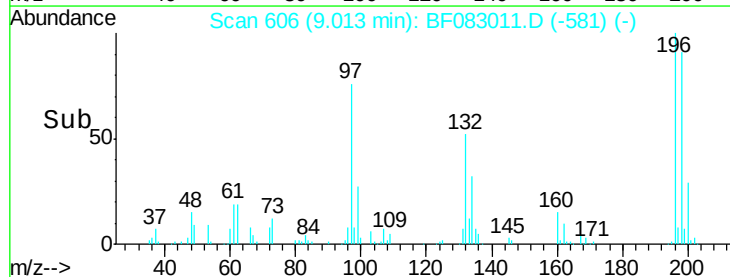
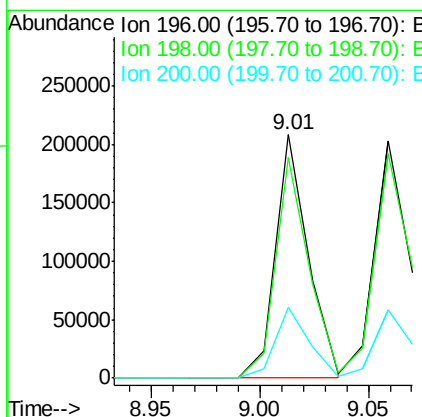
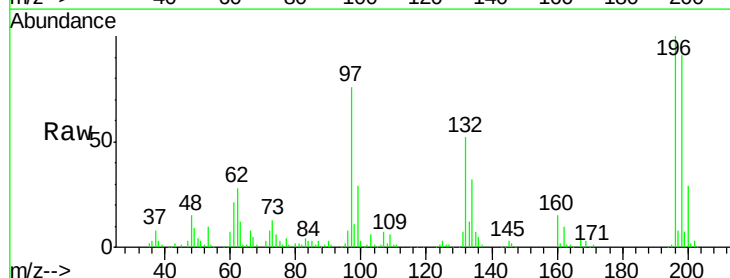
Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

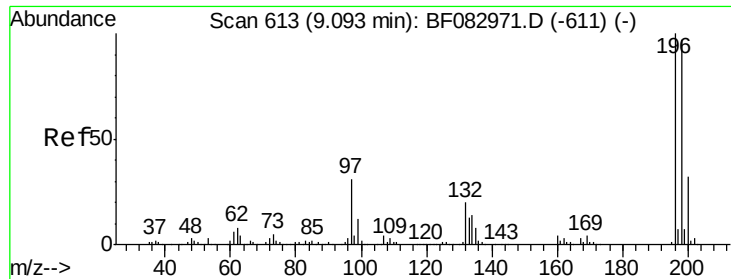
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.8	76.6	114.8
141	39.0	41.2	61.8#



#42
 2,4,6-Trichlorophenol
 Concen: 30.48 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.6	76.3	114.5
200	28.9	23.9	35.9

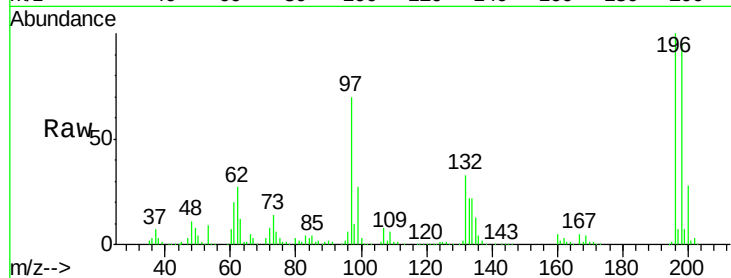




#43
 2,4,5-Trichlorophenol
 Concen: 31.43 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.8	113.8
97	69.7	62.3	93.5
132	33.5	27.4	41.2



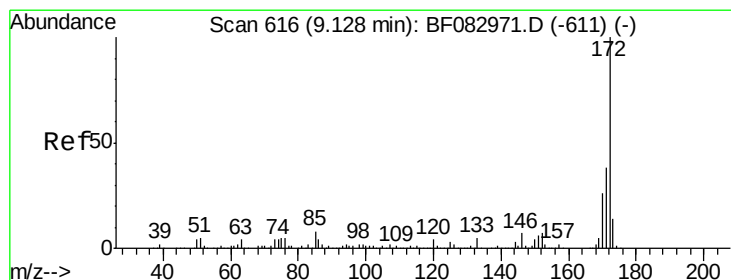
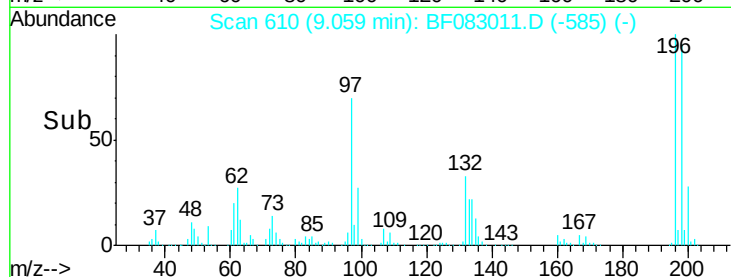
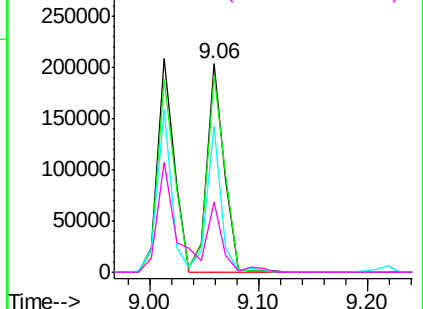
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

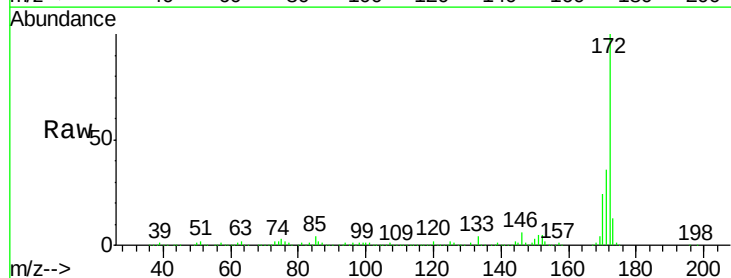
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.98 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.8	46.2
170	24.0	21.2	31.8

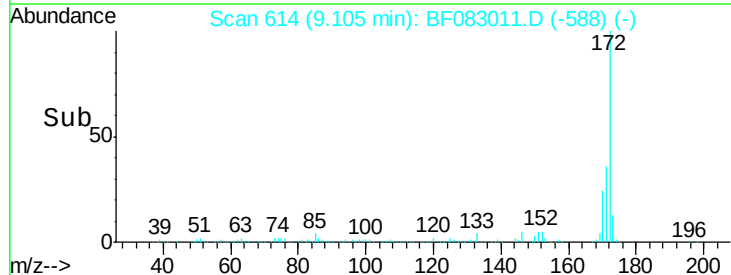
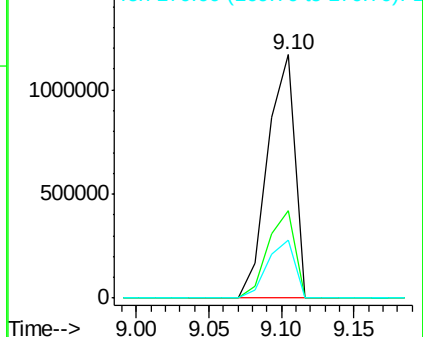


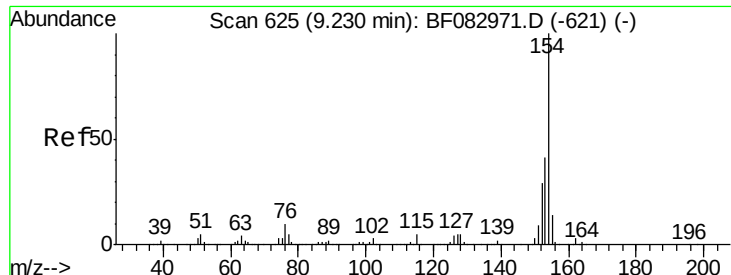
Abundance

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

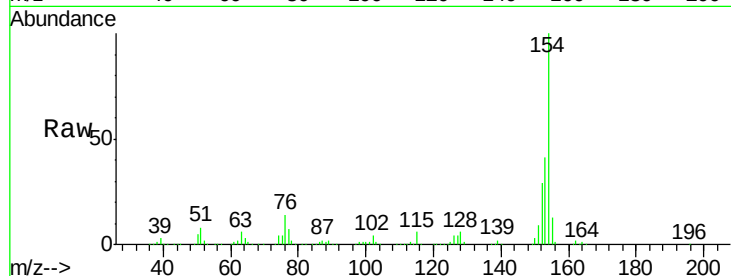




#45
 1,1'-Biphenyl
 Concen: 31.97 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.0	62.0
76	14.1	0.0	29.0

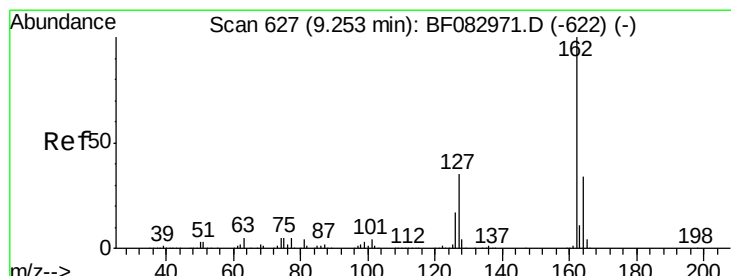
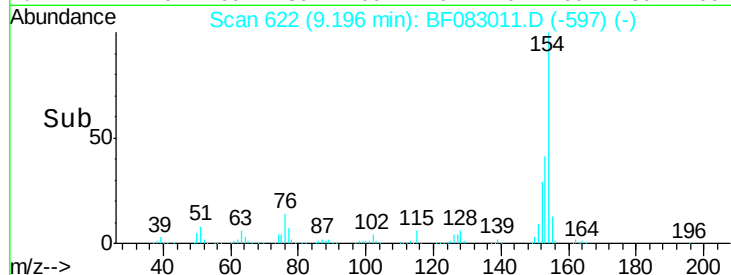
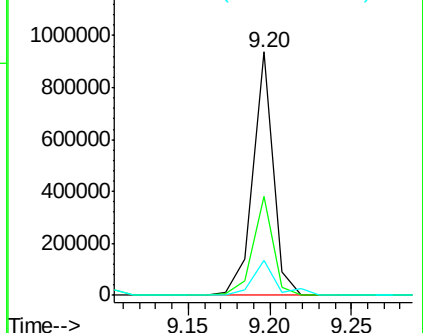


Abundance

Ion 154.00 (153.70 to 154.70): E

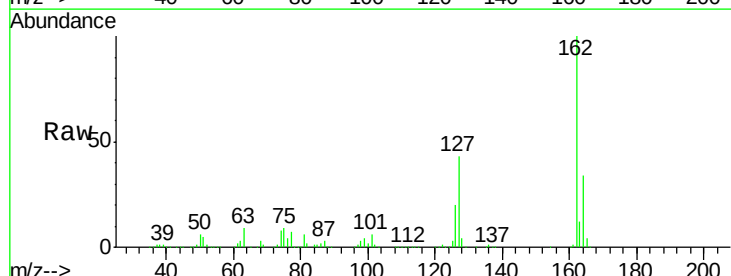
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 33.69 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.9	32.7	49.1
164	34.2	27.4	41.0

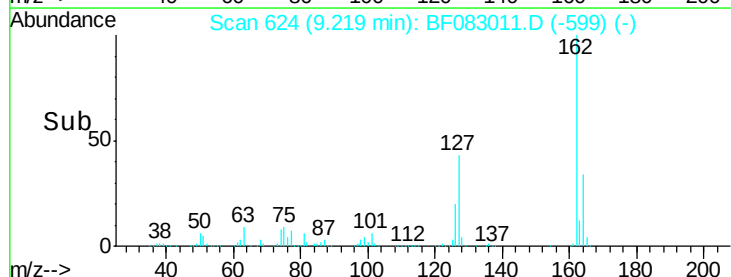
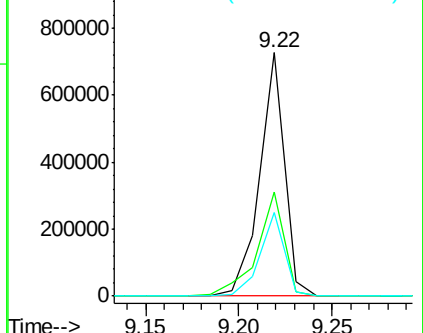


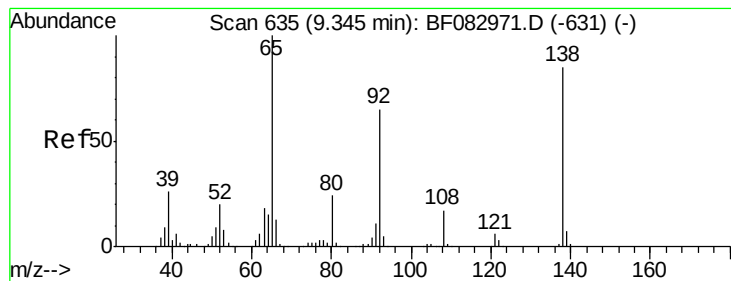
Abundance

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: 30.19 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

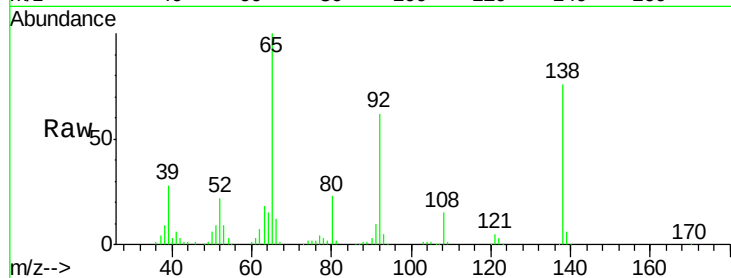
Tot Ion: 65 Resp: 220794

Ion Ratio Lower Upper

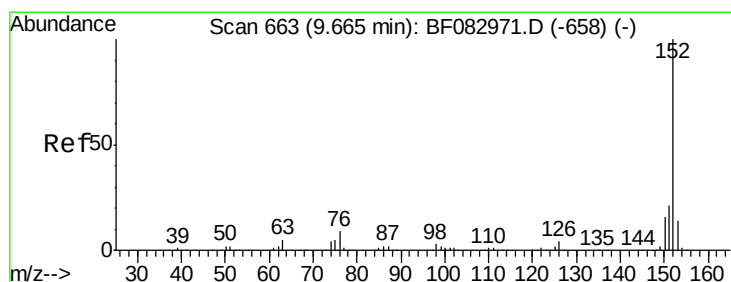
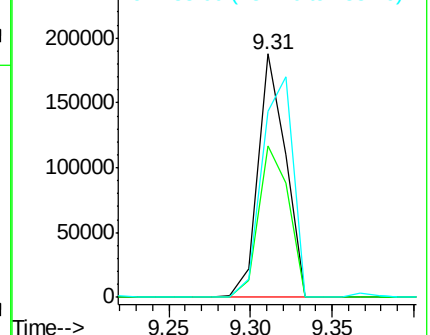
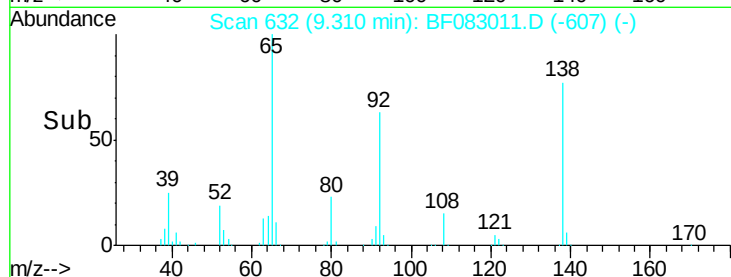
65 100

92 62.0 46.6 70.0

138 76.3 54.6 81.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 32.75 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

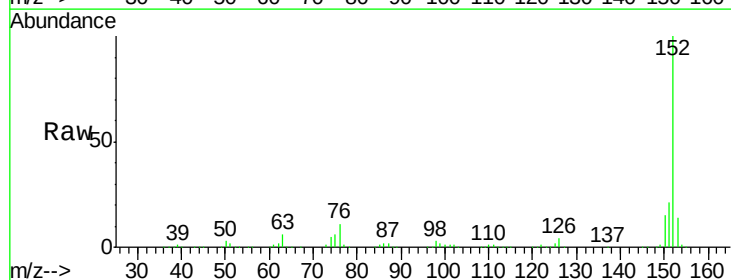
Tgt Ion: 152 Resp: 1012014

Ion Ratio Lower Upper

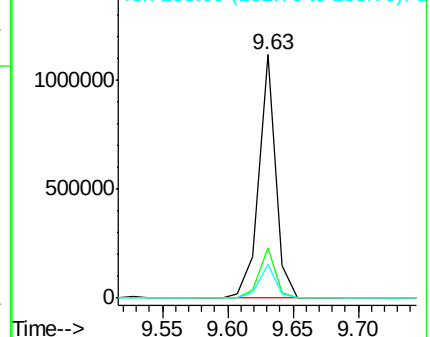
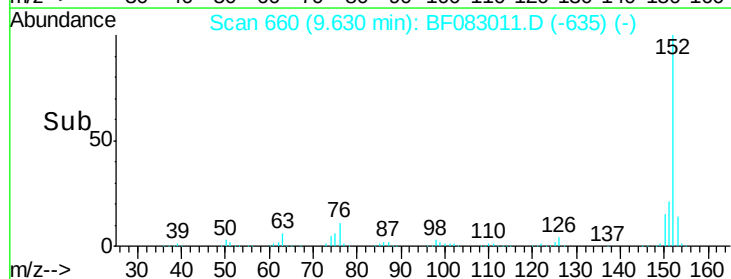
152 100

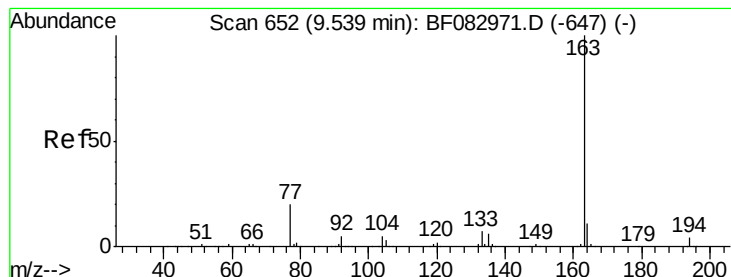
151 20.7 17.3 25.9

153 14.0 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 35.03 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

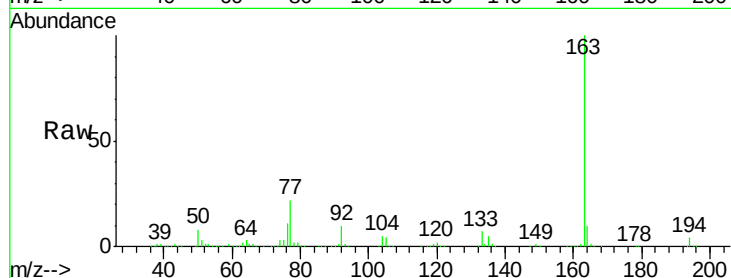
Tot Ion:163 Resp: 845495

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

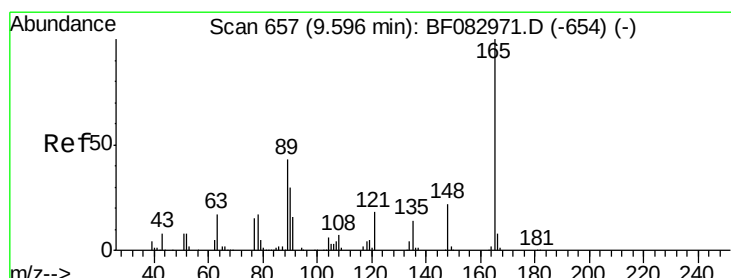
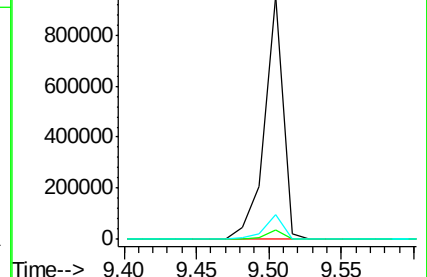
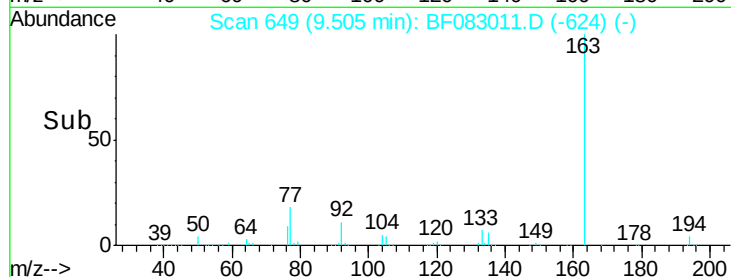
164 10.1 8.7 13.1



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: 36.98 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

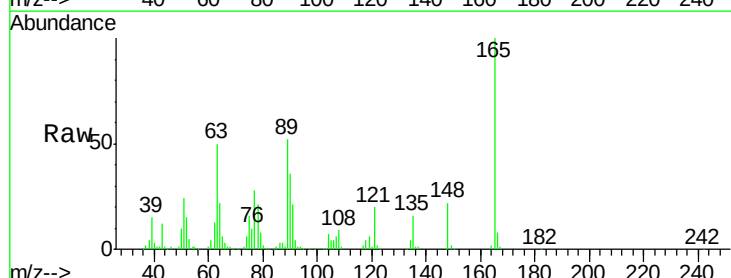
Tgt Ion:165 Resp: 190456

Ion Ratio Lower Upper

165 100

63 49.6 55.5 83.3#

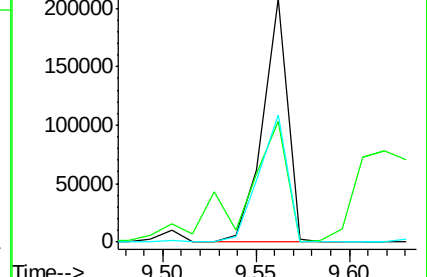
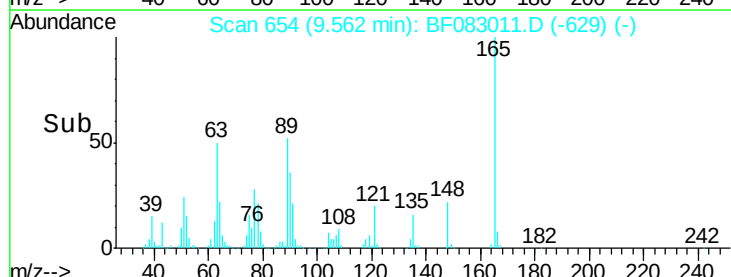
89 52.0 55.0 82.6#

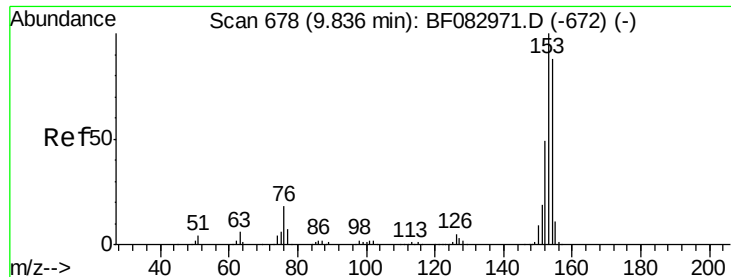


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.57 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

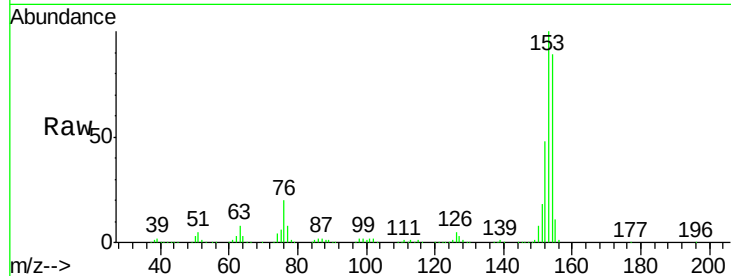
Tot Ion:154 Resp: 716300

Ion Ratio Lower Upper

154 100

153 112.9 90.1 135.1

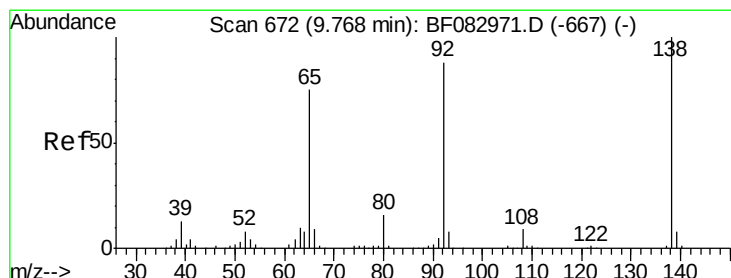
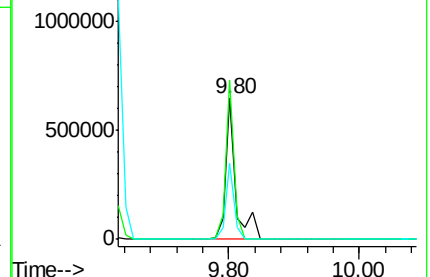
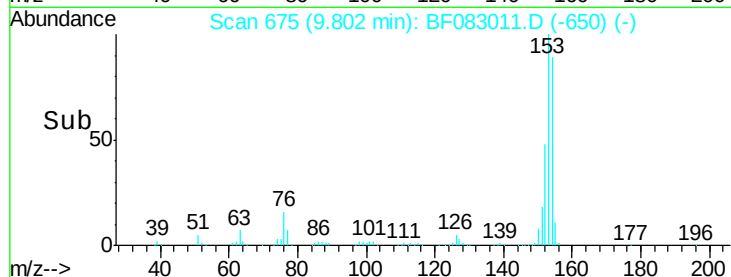
152 54.1 44.3 66.5



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: 13.91 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

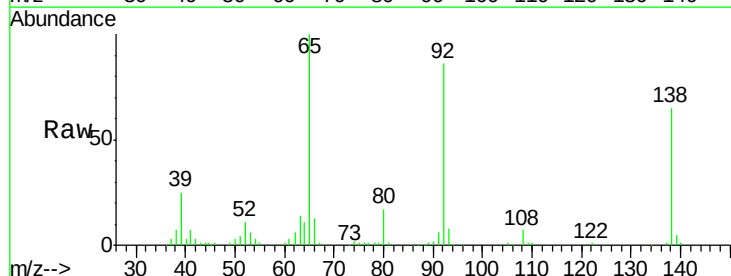
Tgt Ion:138 Resp: 78762

Ion Ratio Lower Upper

138 100

108 11.3 11.3 16.9#

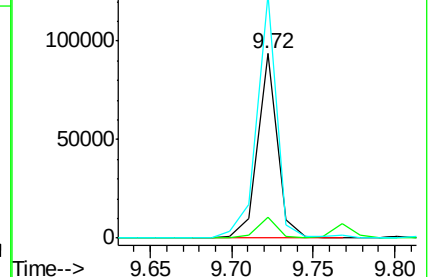
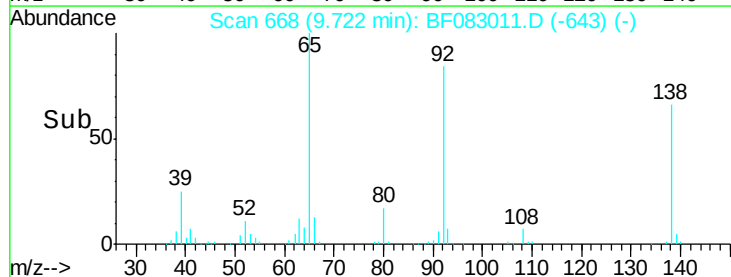
92 132.1 122.4 183.6

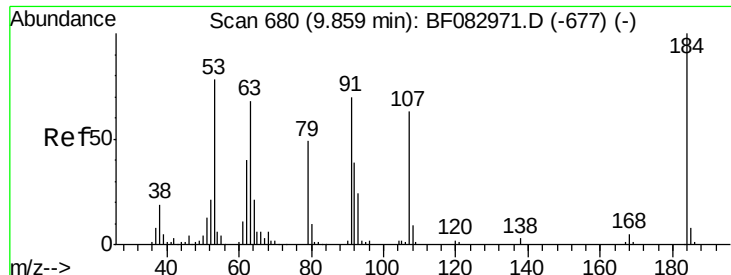


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

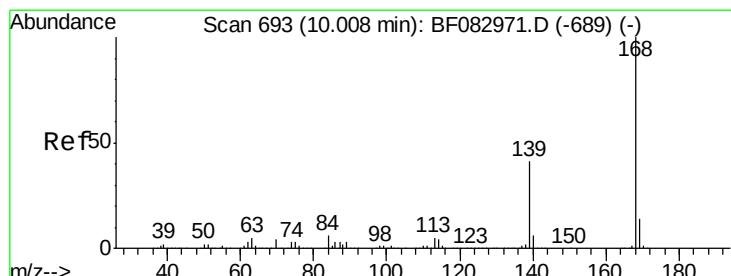
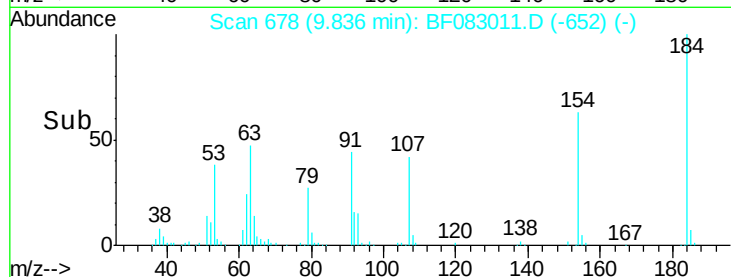
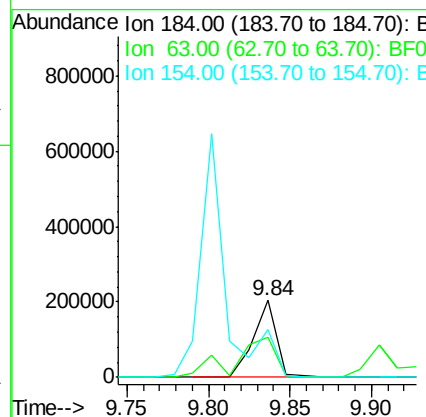
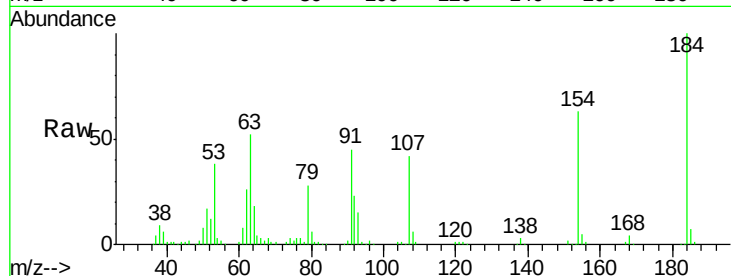




#53
 2,4-Dinitrophenol
 Concen: 71.01 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

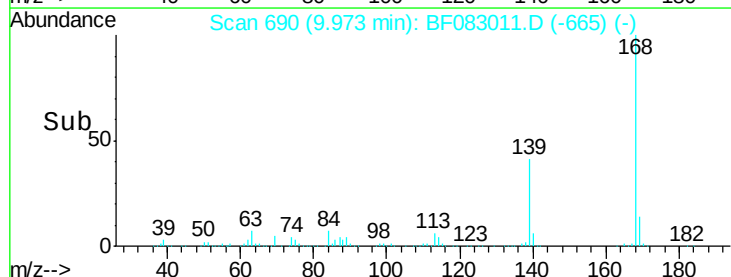
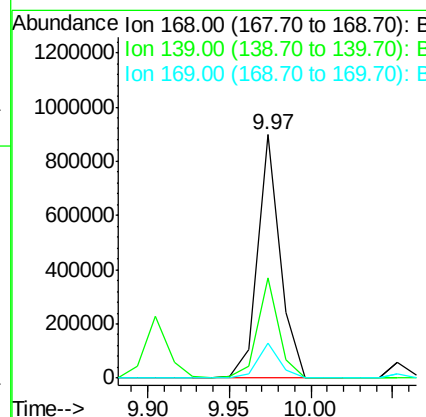
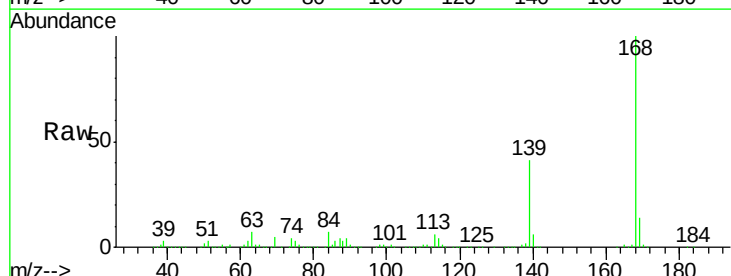
Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

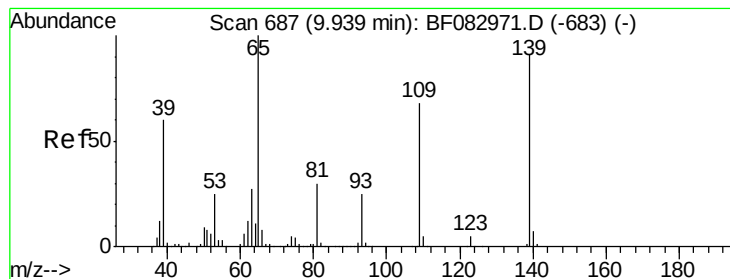
Tot Ion:184 Resp: 200795
 Ion Ratio Lower Upper
 184 100
 63 52.0 98.6 148.0#
 154 62.7 183.9 275.9#



#54
 Dibenzofuran
 Concen: 32.60 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion:168 Resp: 860861
 Ion Ratio Lower Upper
 168 100
 139 41.3 37.8 56.6
 169 14.1 11.3 16.9





#55

4-Nitrophenol

Concen: 53.76 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

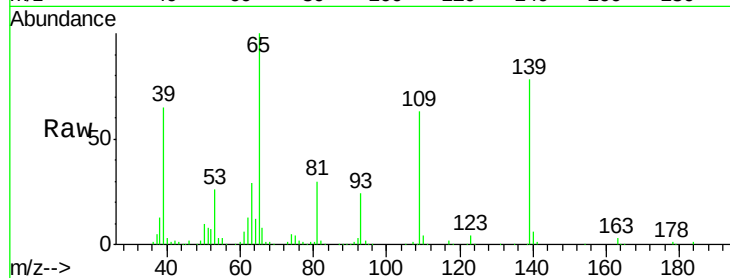
Tot Ion:139 Resp: 233602

Ion Ratio Lower Upper

139 100

109 81.4 73.7 113.7

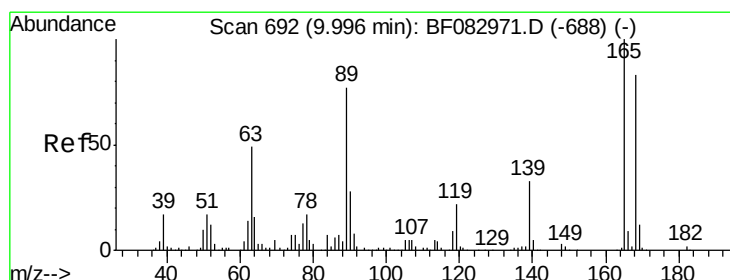
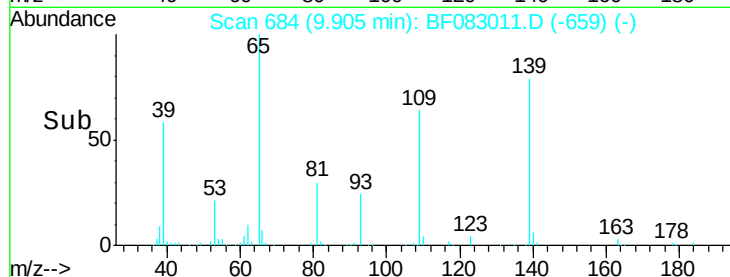
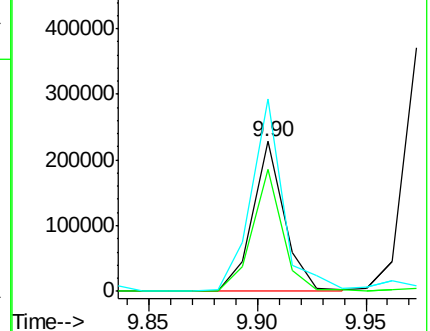
65 128.6 82.9 122.9#



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: 33.83 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Tgt Ion:165 Resp: 236392

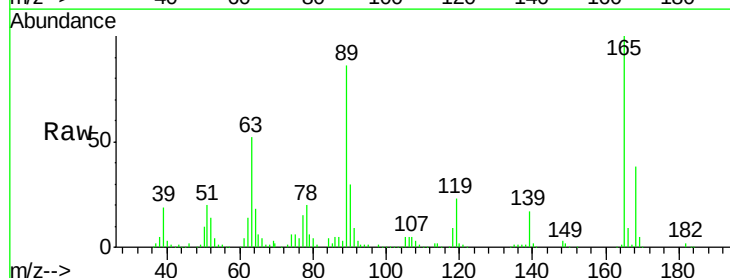
Ion Ratio Lower Upper

165 100

63 51.9 43.4 65.0

89 85.5 70.6 106.0

182 1.9 1.5 2.3

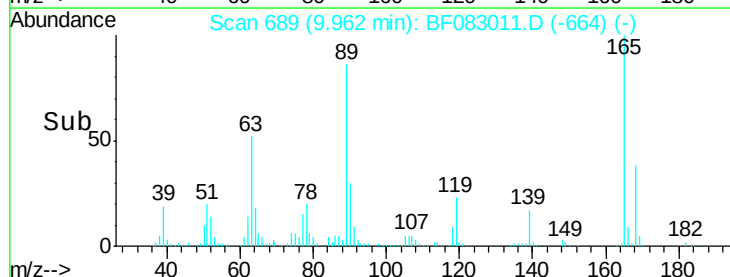
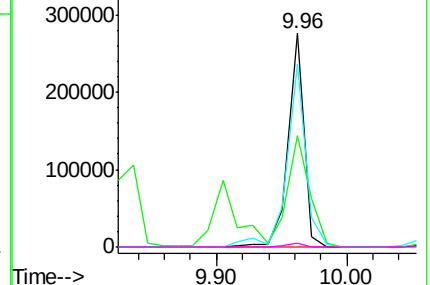


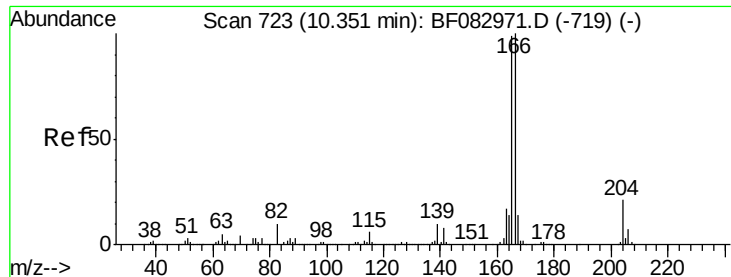
Abundance Ion 165.00 (164.70 to 165.70): E

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

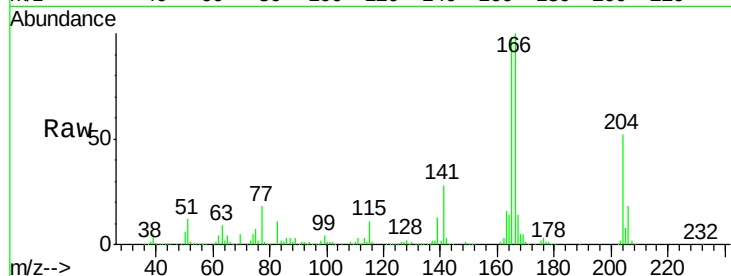




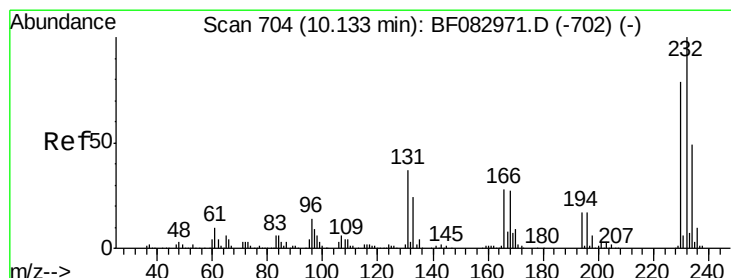
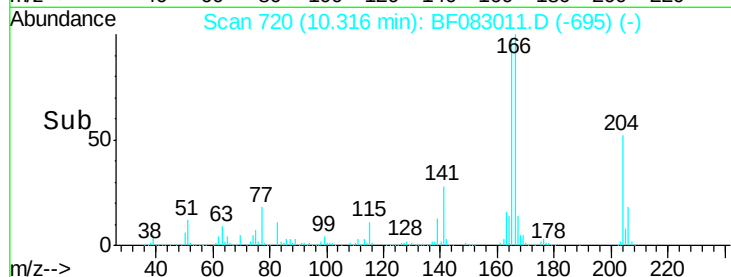
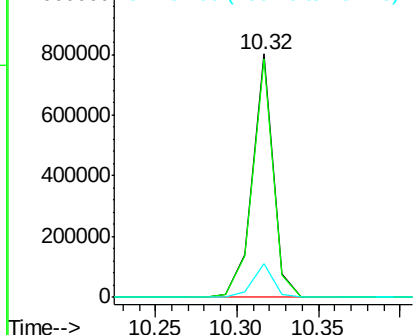
#57
 Fluorene
 Concen: 33.01 ng
 RT: 10.32 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

Tot Ion:166 Resp: 706018
 Ion Ratio Lower Upper
 166 100
 165 98.1 80.2 120.4
 167 13.8 11.2 16.8

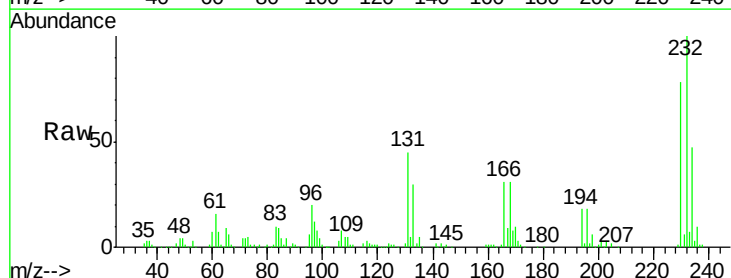


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

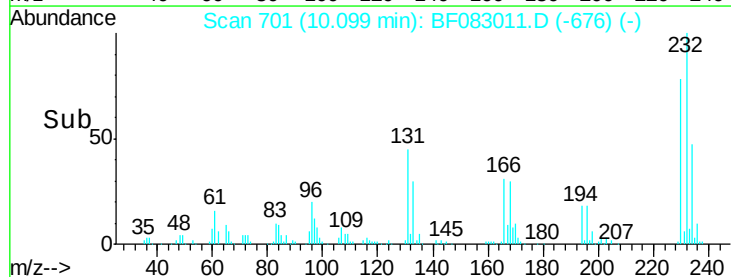
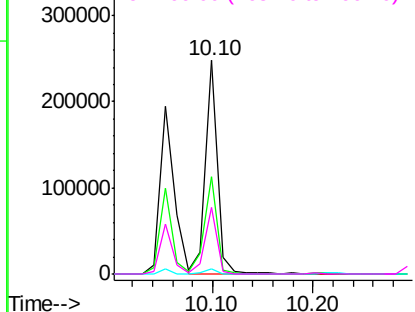


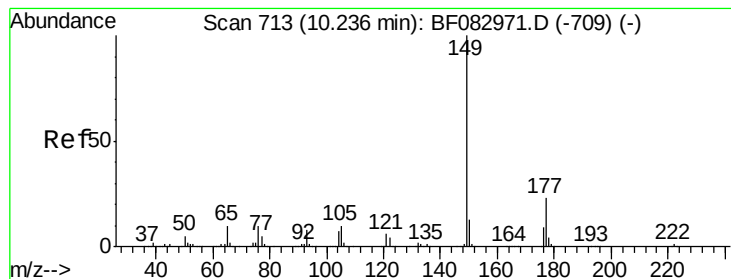
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.19 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion:232 Resp: 205235
 Ion Ratio Lower Upper
 232 100
 131 47.1 46.2 69.2
 130 2.3 2.4 3.6#
 166 31.5 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: 31.97 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

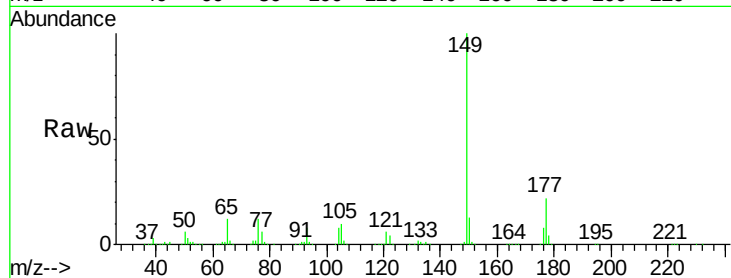
Tot Ion:149 Resp: 753400

Ion Ratio Lower Upper

149 100

177 21.8 17.9 26.9

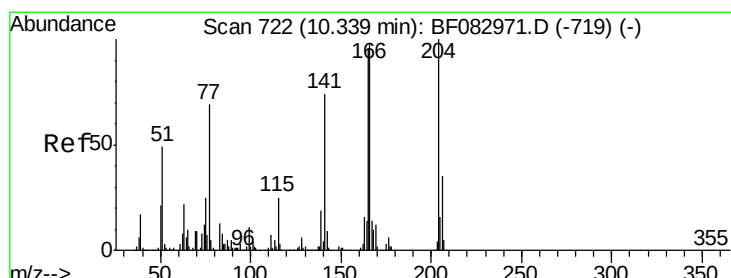
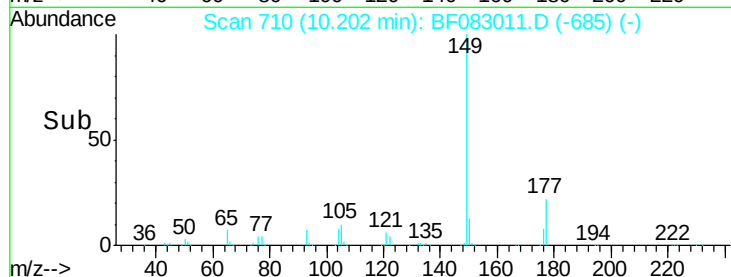
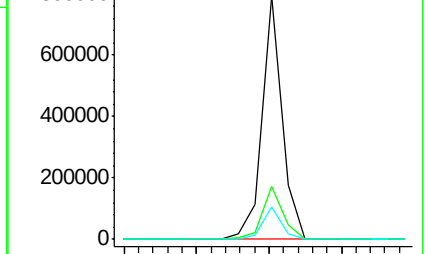
150 13.2 10.1 15.1



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: 34.38 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

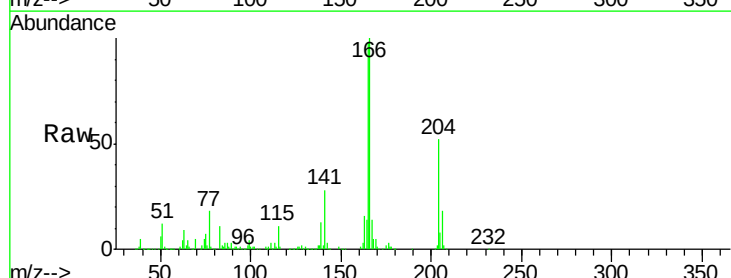
Tgt Ion:204 Resp: 367823

Ion Ratio Lower Upper

204 100

206 34.4 28.5 42.7

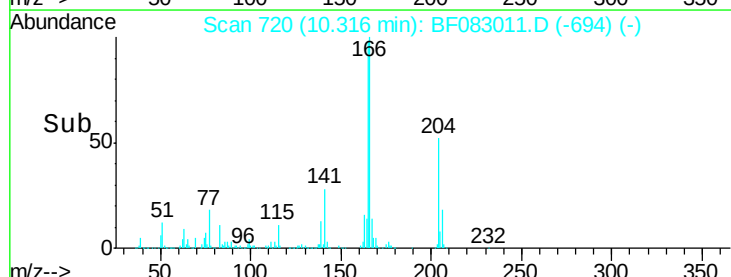
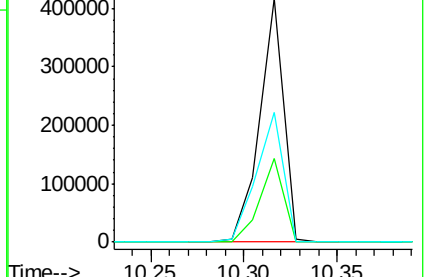
141 53.5 44.6 66.8

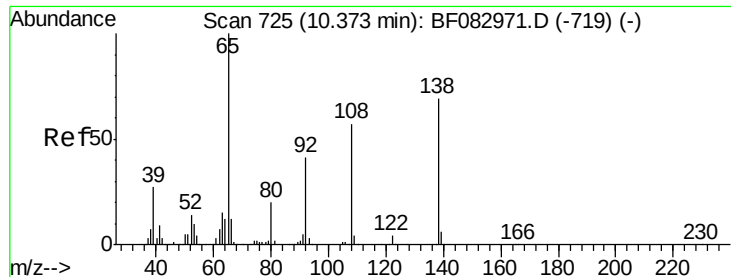


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

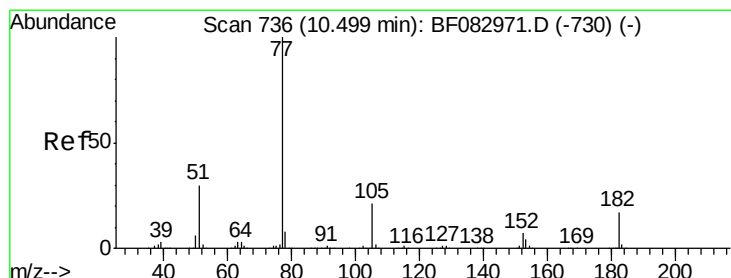
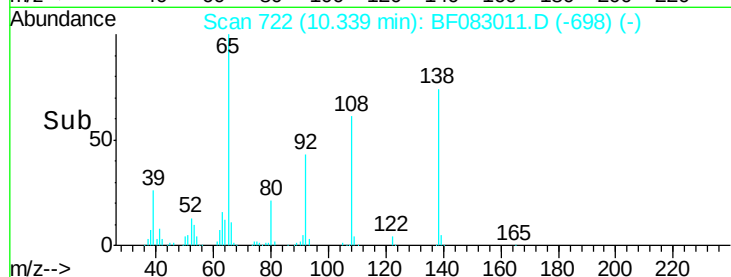
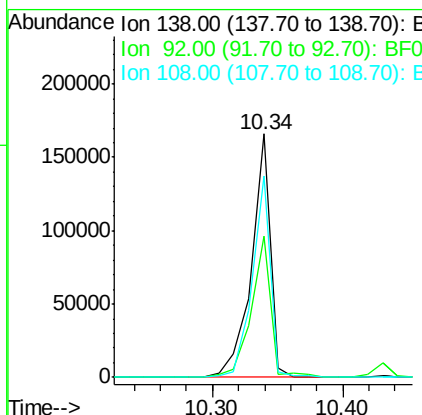
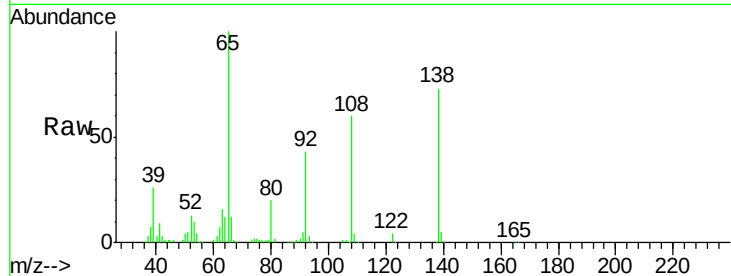




#61
4-Nitroaniline
Concen: 29.61 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

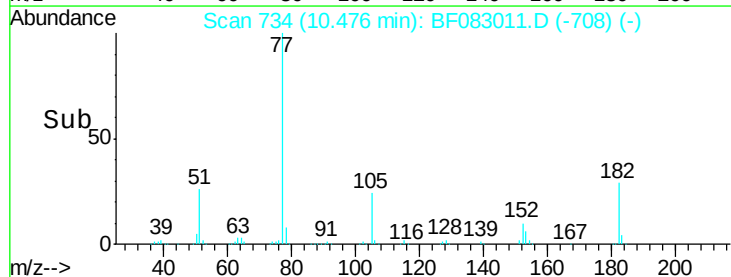
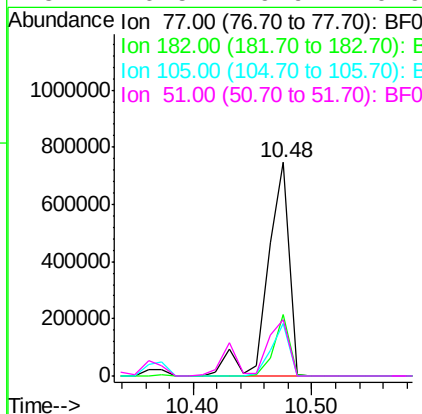
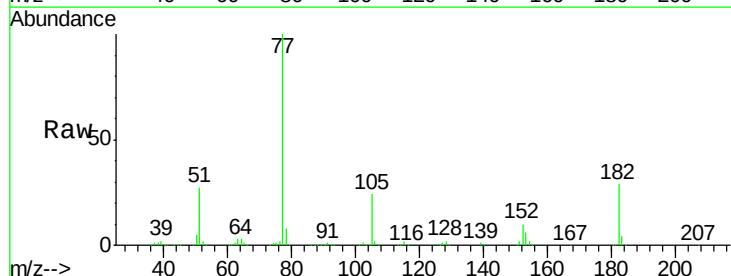
Instrument :
BNA_F
ClientSampleId :
PB86700BS

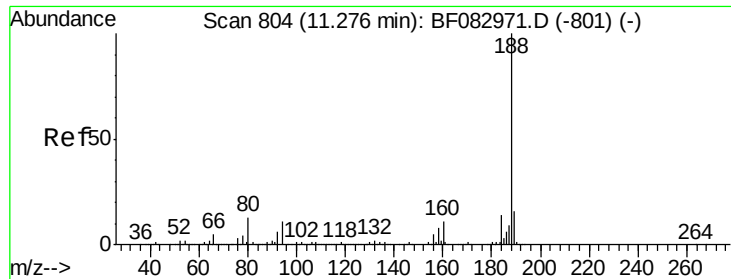
Tot Ion:138 Resp: 168666
Ion Ratio Lower Upper
138 100
92 58.3 45.8 85.8
108 82.6 89.4 129.4#



#62
Azobenzene
Concen: 37.15 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion: 77 Resp: 940530
Ion Ratio Lower Upper
77 100
182 28.7 9.3 49.3
105 24.3 2.6 42.6
51 26.5 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampled :

PB86700BS

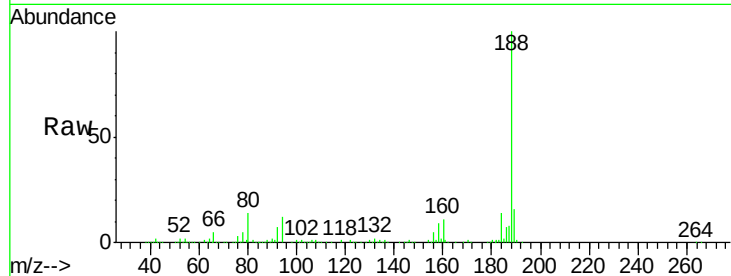
Tot Ion:188 Resp: 554326

Ion Ratio Lower Upper

188 100

94 11.7 6.1 9.1#

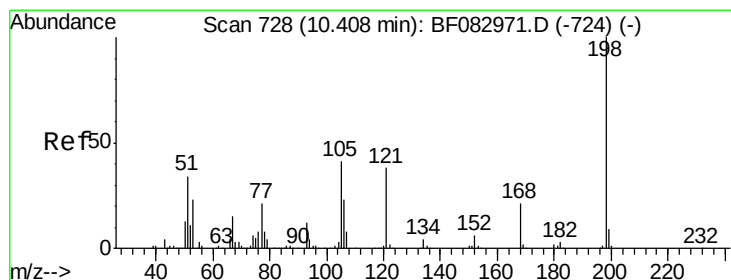
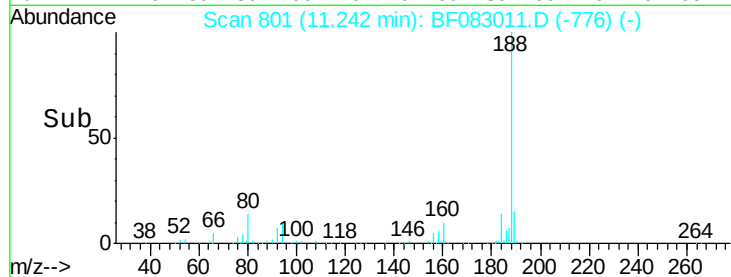
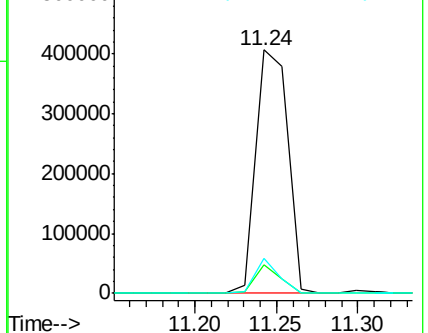
80 14.3 7.0 10.6#



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: 34.35 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

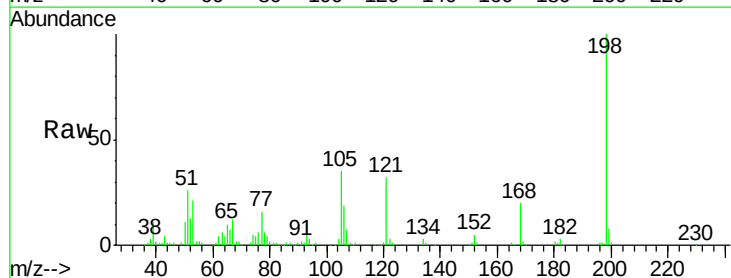
Tgt Ion:198 Resp: 135657

Ion Ratio Lower Upper

198 100

51 26.1 17.3 57.3

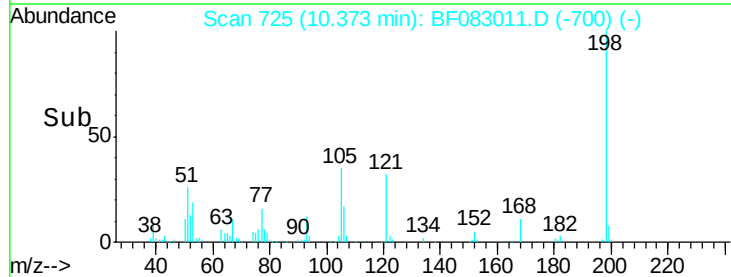
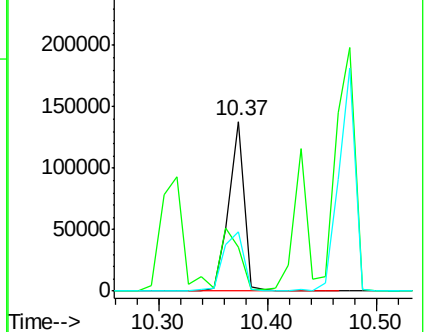
105 34.7 21.7 61.7

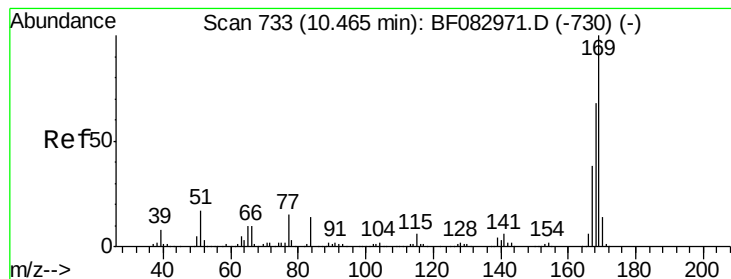


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

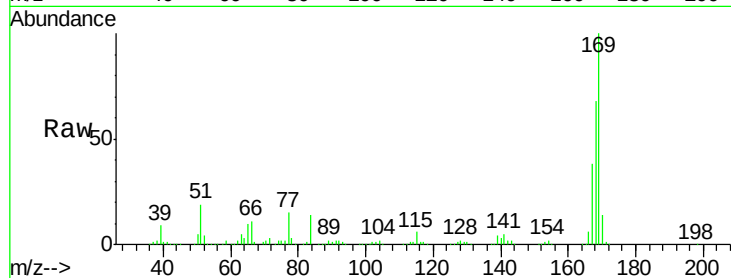




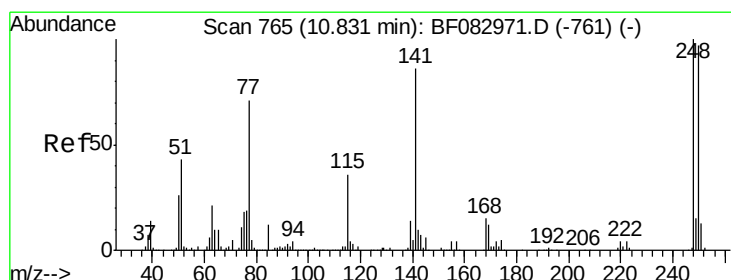
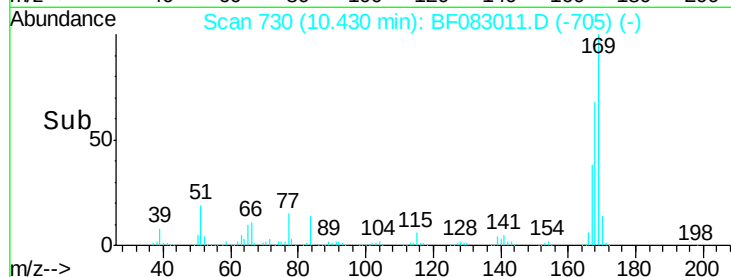
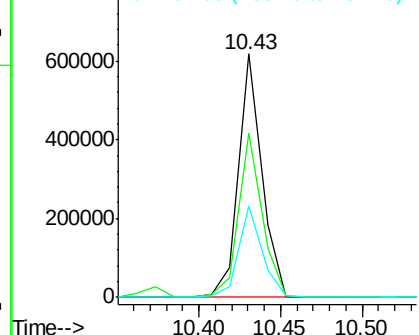
#65
 n-Nitrosodiphenylamine
 Concen: 30.45 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

Tot Ion:169 Resp: 609740
 Ion Ratio Lower Upper
 169 100
 168 67.7 55.0 82.6
 167 37.6 30.5 45.7

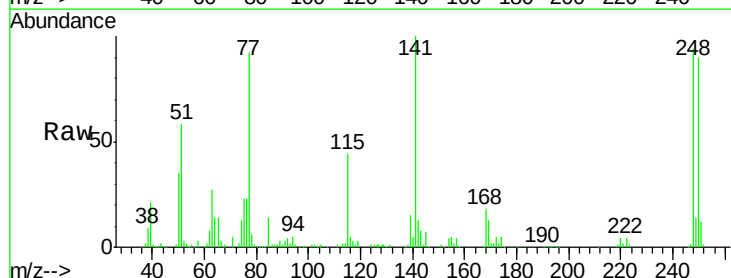


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

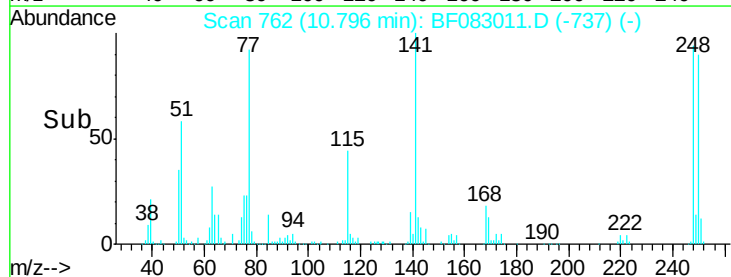
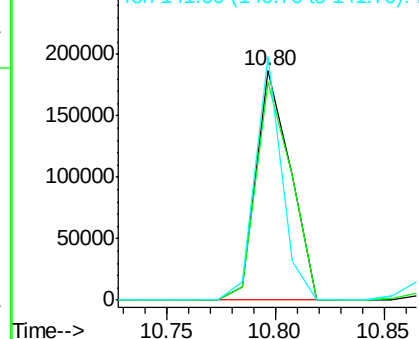


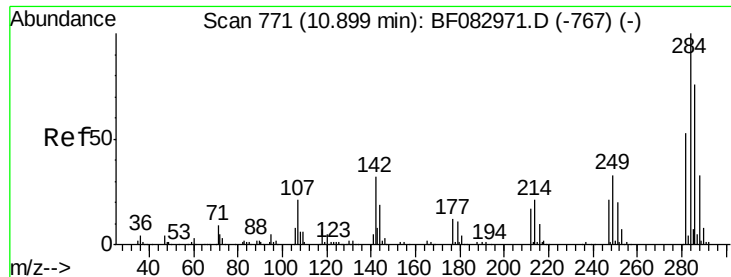
#66
 4-Bromophenyl-phenylether
 Concen: 30.76 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion:248 Resp: 205328
 Ion Ratio Lower Upper
 248 100
 250 95.4 79.4 119.2
 141 106.3 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: 31.40 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

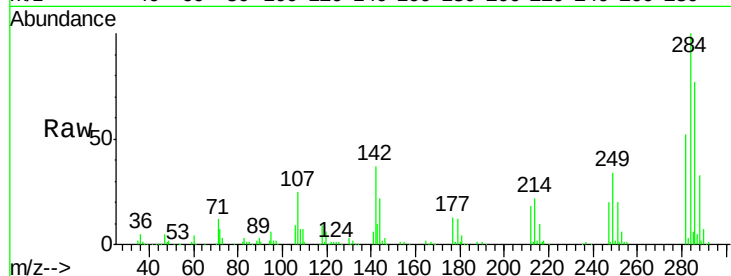
Tot Ion:284 Resp: 233995

Ion Ratio Lower Upper

284 100

142 37.0 47.9 71.9#

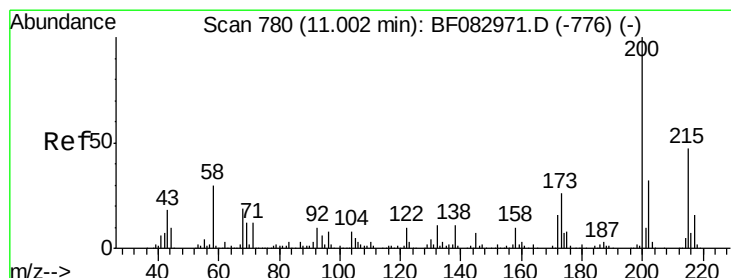
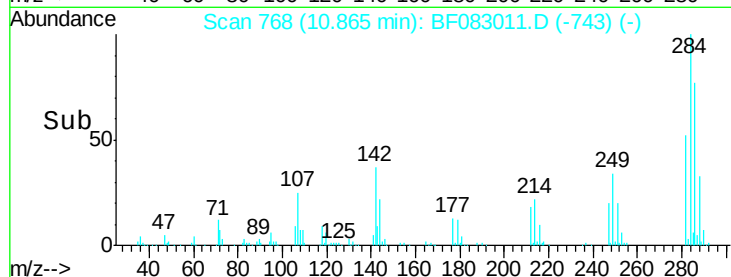
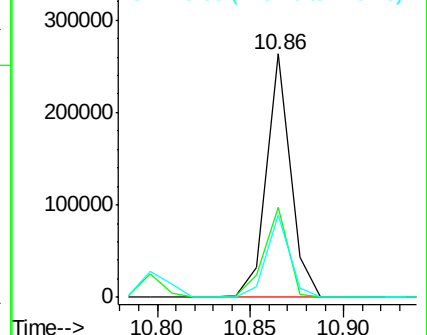
249 33.7 29.7 44.5



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: 39.05 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

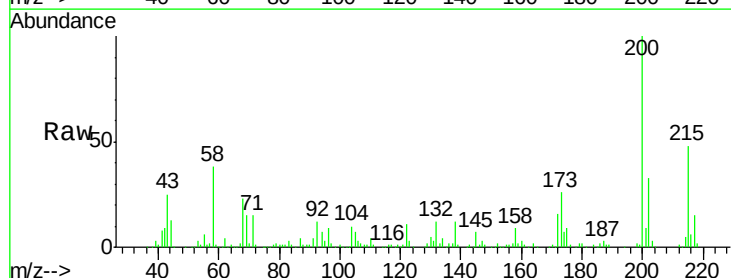
Tgt Ion:200 Resp: 241826

Ion Ratio Lower Upper

200 100

173 25.7 6.9 46.9

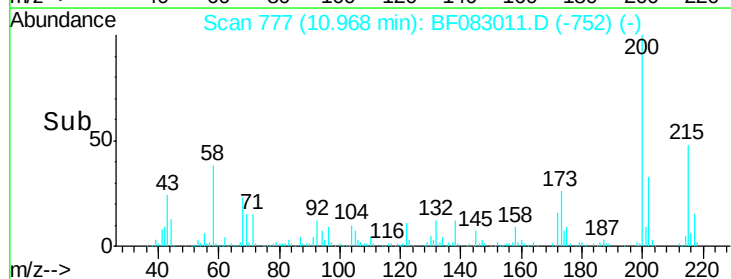
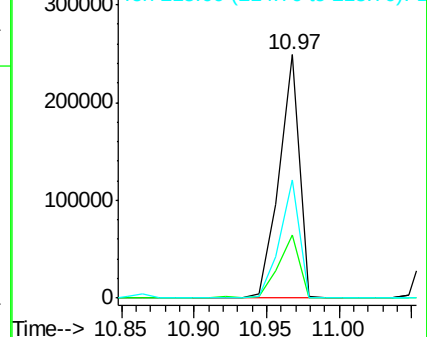
215 48.4 22.9 62.9

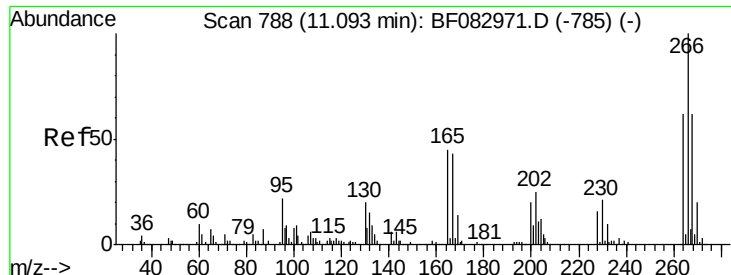


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

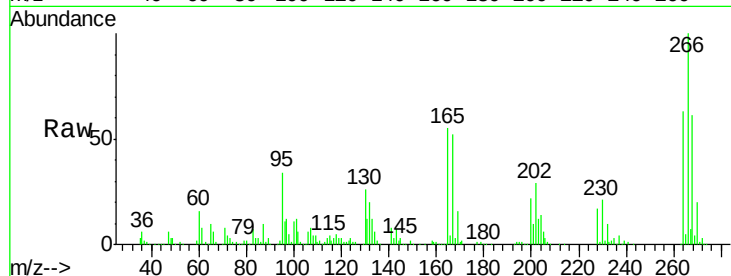




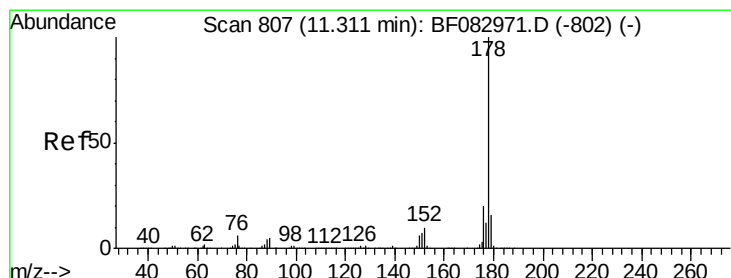
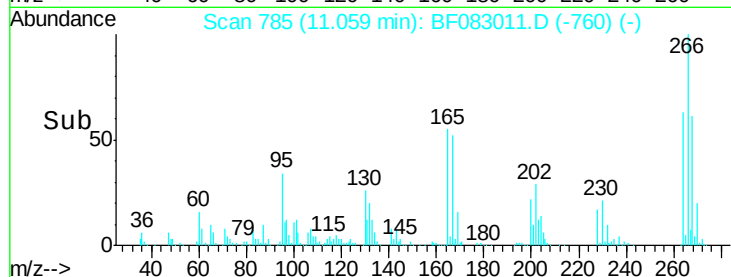
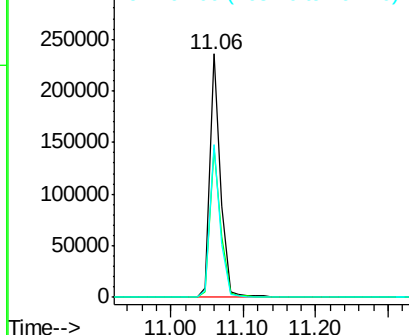
#69
 Pentachlorophenol
 Concen: 53.20 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

Tot Ion:266 Resp: 240776
 Ion Ratio Lower Upper
 266 100
 268 60.9 51.0 76.6
 264 62.7 50.6 75.8

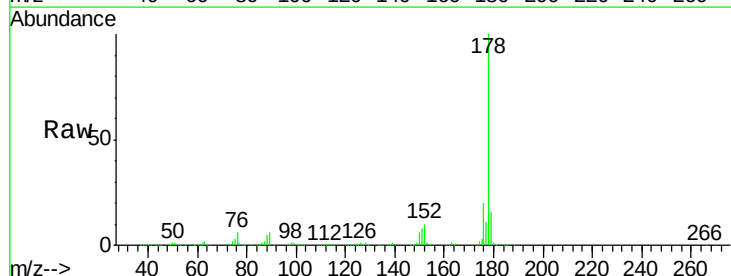


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

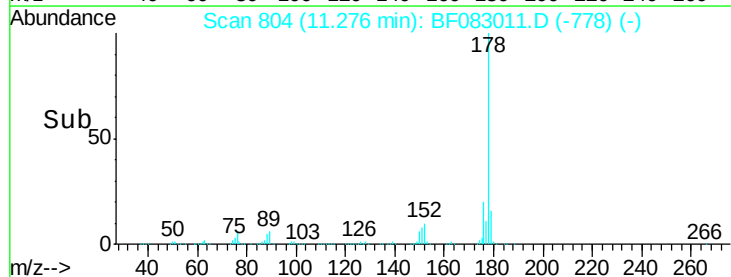
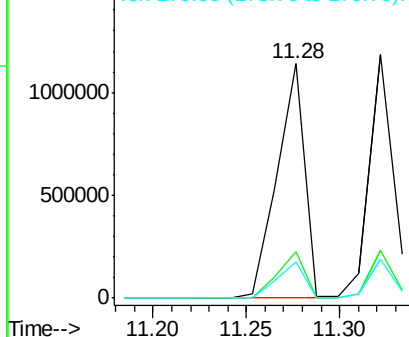


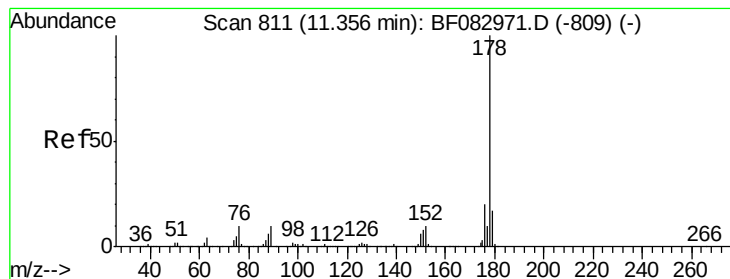
#70
 Phenanthrene
 Concen: 36.17 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion:178 Resp: 1164386
 Ion Ratio Lower Upper
 178 100
 176 19.7 17.0 25.4
 179 15.8 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: 30.82 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

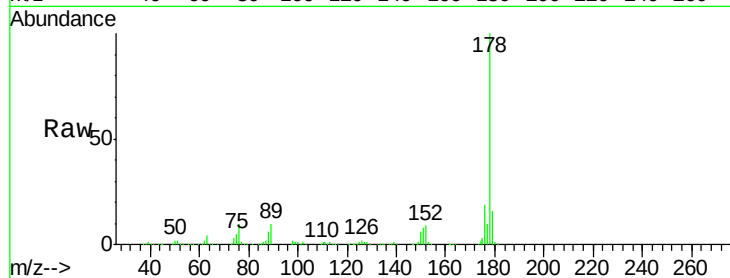
Tot Ion:178 Resp: 1044940

Ion Ratio Lower Upper

178 100

176 19.4 16.5 24.7

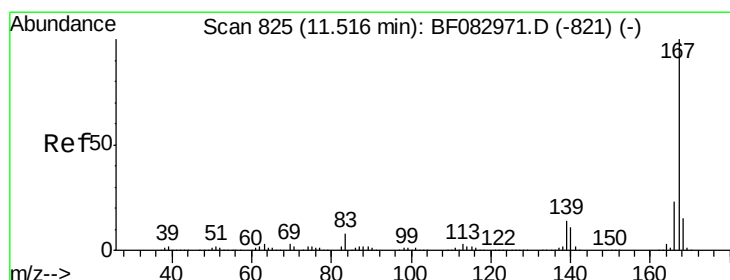
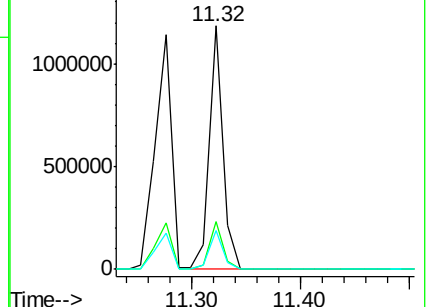
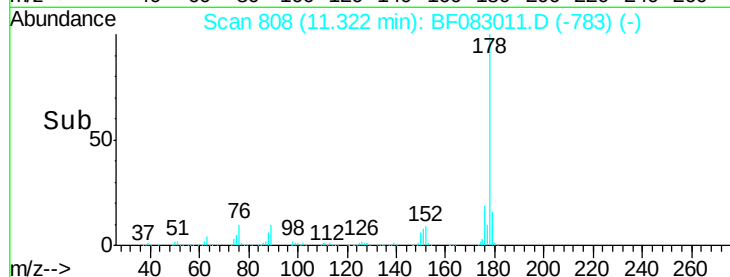
179 16.0 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 34.68 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

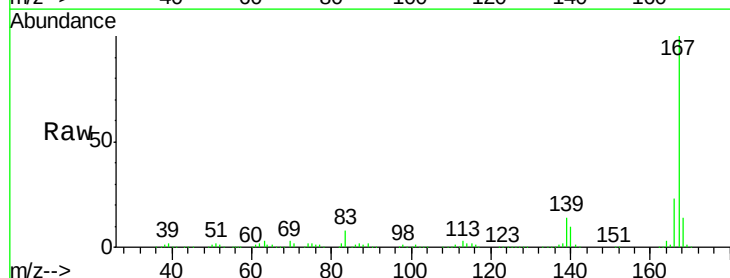
Tgt Ion:167 Resp: 1029316

Ion Ratio Lower Upper

167 100

166 22.6 18.7 28.1

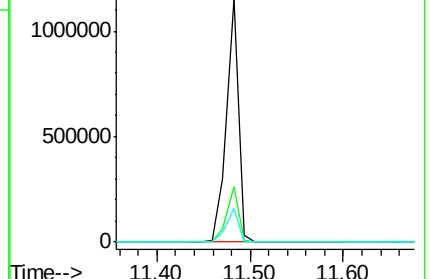
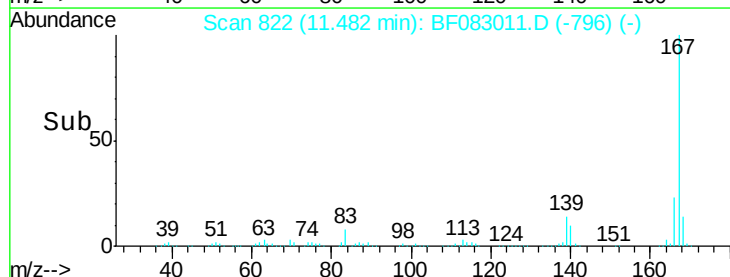
139 13.8 11.8 17.6

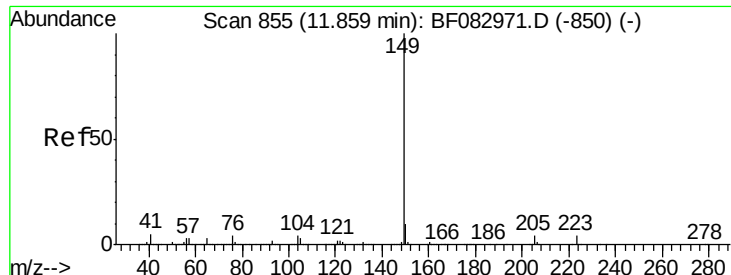


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.97 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

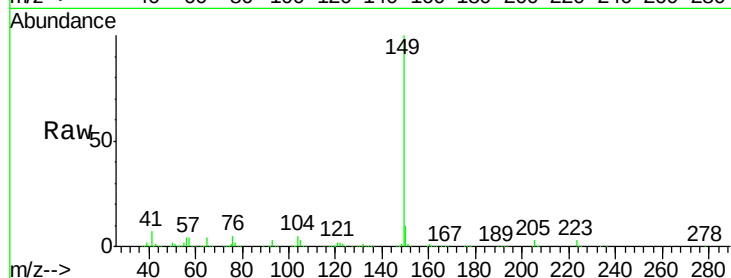
Tot Ion:149 Resp: 1293145

Ion Ratio Lower Upper

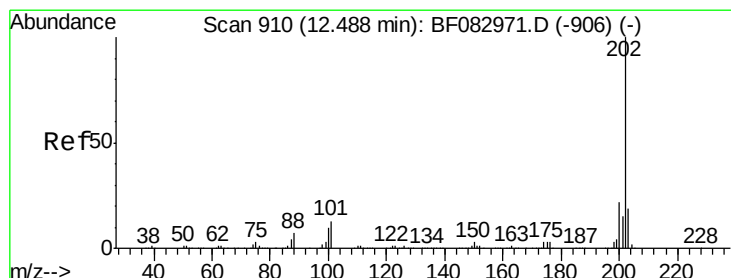
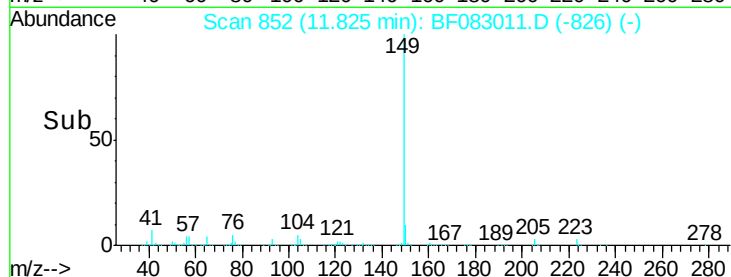
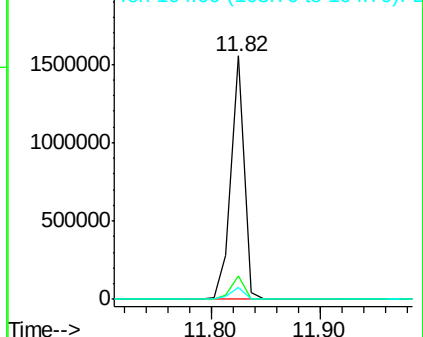
149 100

150 9.6 8.1 12.1

104 5.2 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: 31.07 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

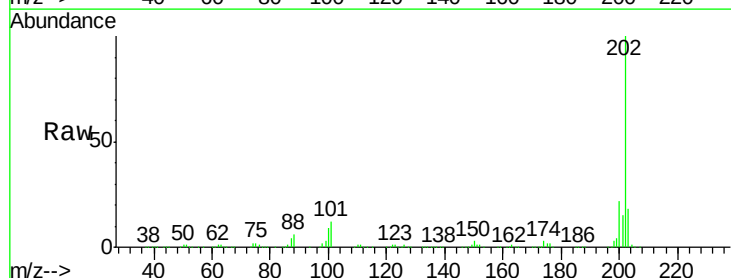
Tgt Ion:202 Resp: 1073298

Ion Ratio Lower Upper

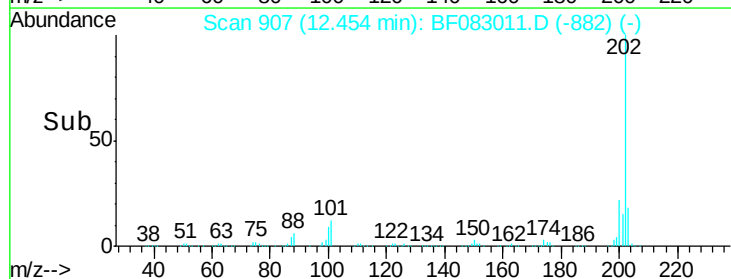
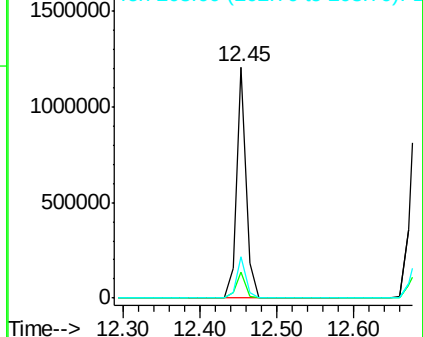
202 100

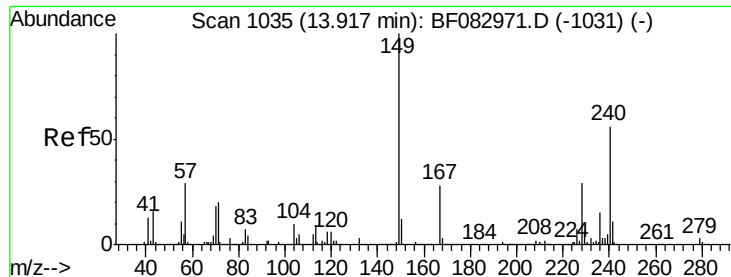
101 11.5 0.0 30.5

203 18.2 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: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

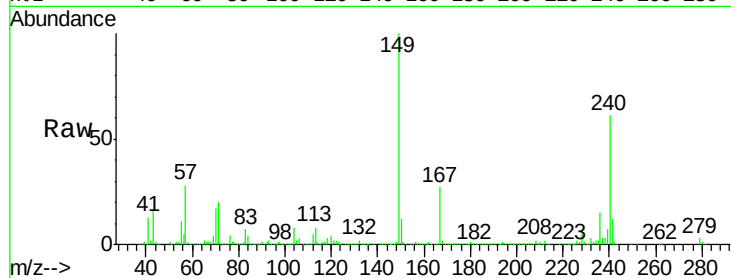
Tot Ion:240 Resp: 493672

Ion Ratio Lower Upper

240 100

120 6.5 10.9 16.3#

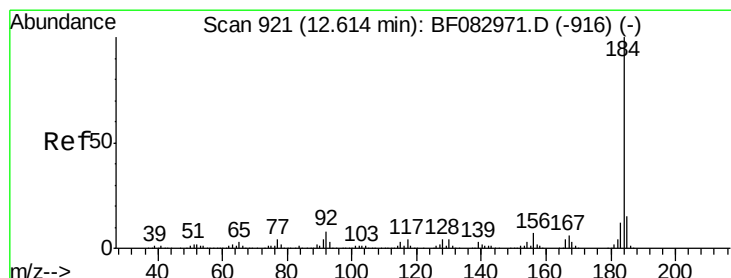
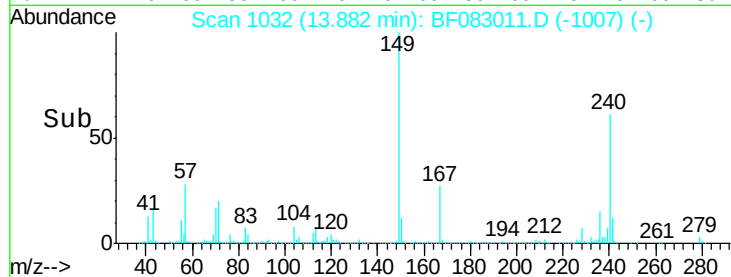
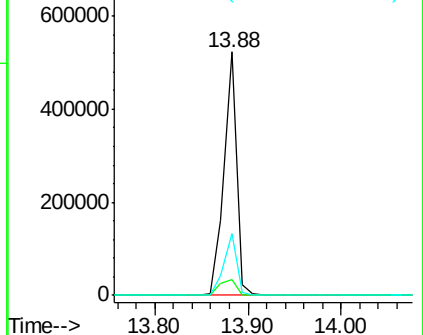
236 25.2 21.6 32.4



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: 23.35 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

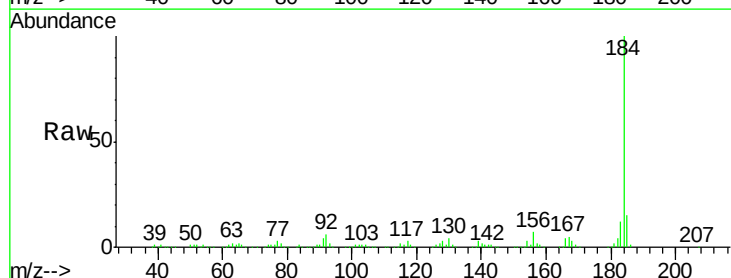
Tgt Ion:184 Resp: 386352

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

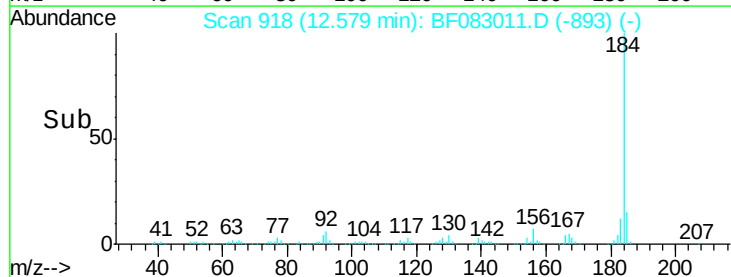
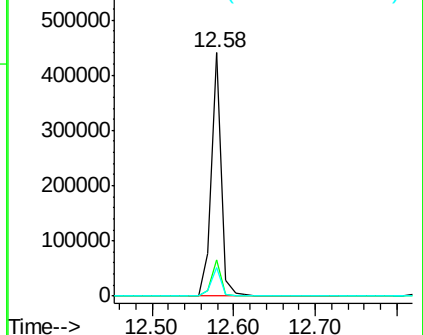
183 11.6 9.6 14.4

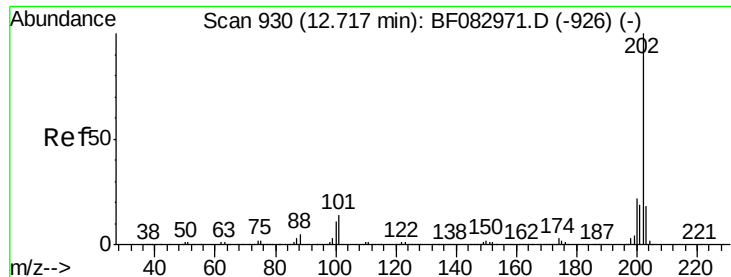


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

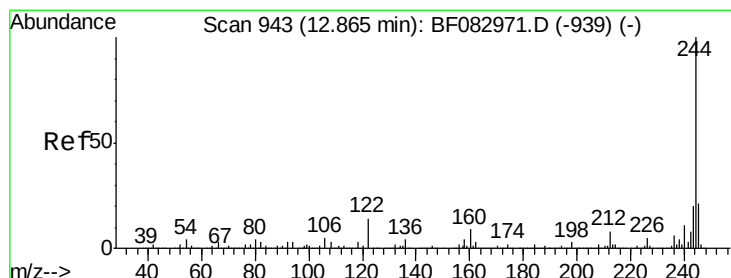
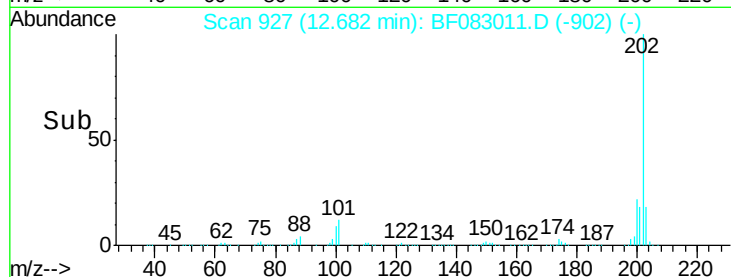
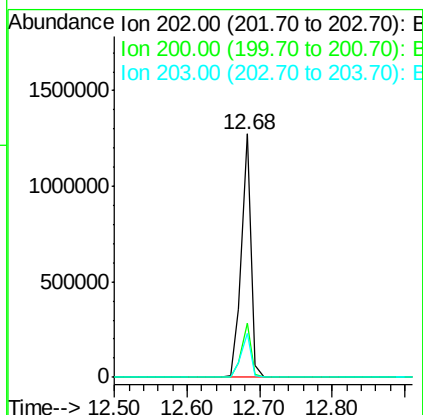
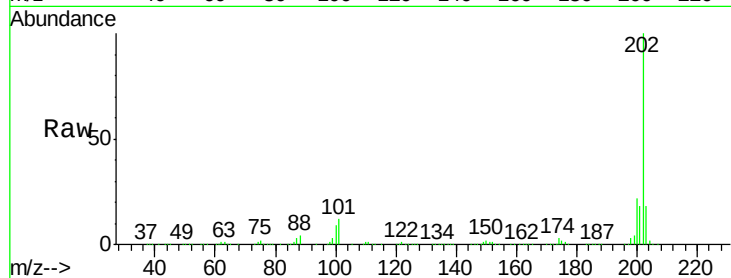




#77
Pvrene
Concen: 34.55 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

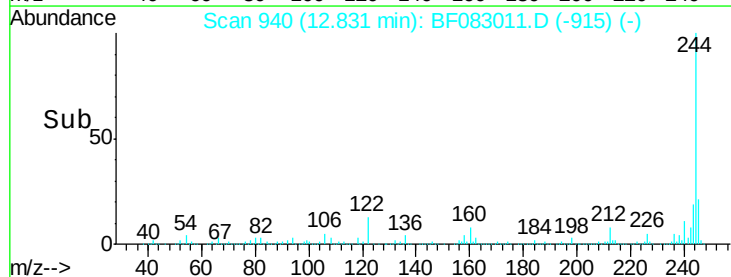
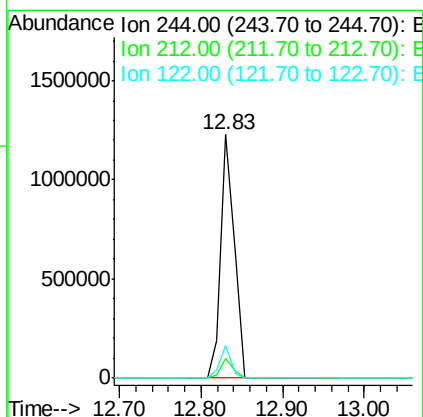
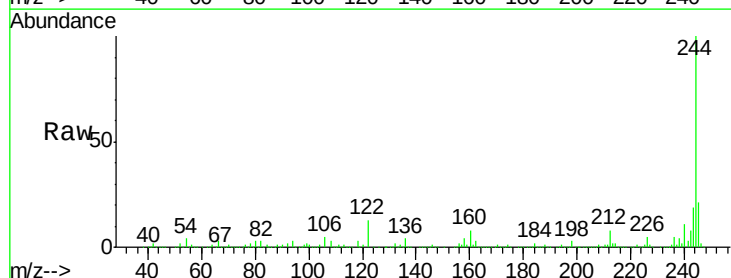
Instrument :
BNA_F
ClientSampleId :
PB86700BS

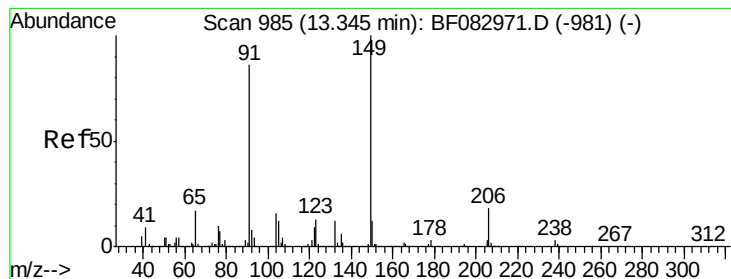
Tot Ion:202 Resp: 1171217
Ion Ratio Lower Upper
202 100
200 22.1 18.7 28.1
203 18.2 14.8 22.2



#78
Terphenyl-d14
Concen: 66.91 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion:244 Resp: 1392629
Ion Ratio Lower Upper
244 100
212 8.2 7.6 11.4
122 13.2 11.3 16.9





#79

Butylbenzylphthalate

Concen: 33.64 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

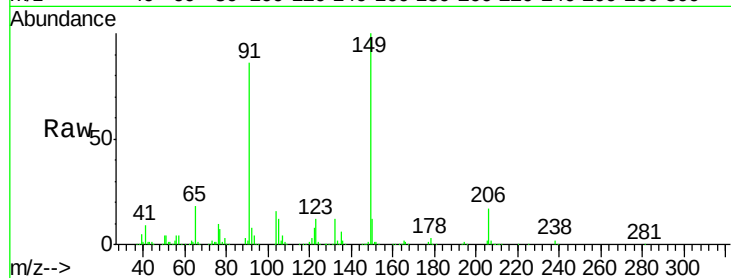
Tot Ion:149 Resp: 503864

Ion Ratio Lower Upper

149 100

91 85.7 67.7 101.5

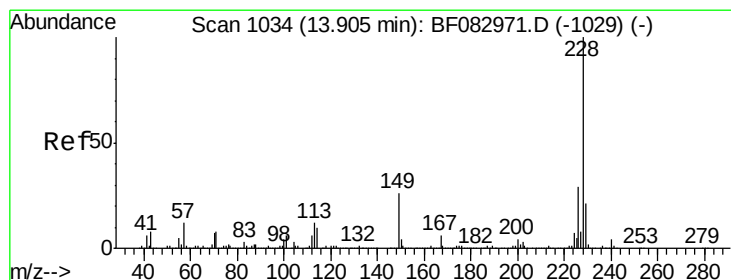
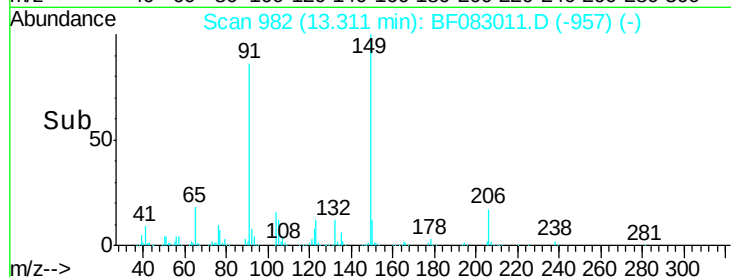
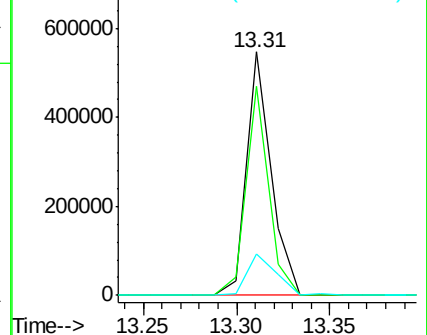
206 17.0 14.6 22.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 34.13 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

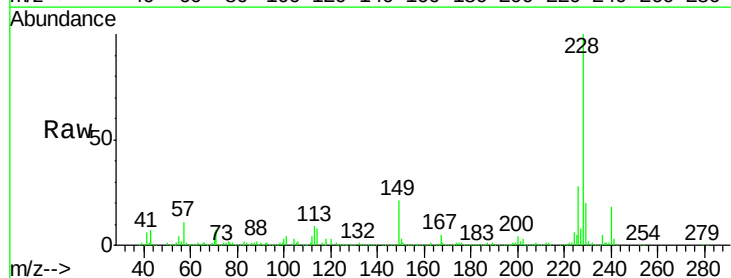
Tgt Ion:228 Resp: 1053638

Ion Ratio Lower Upper

228 100

226 27.8 23.4 35.2

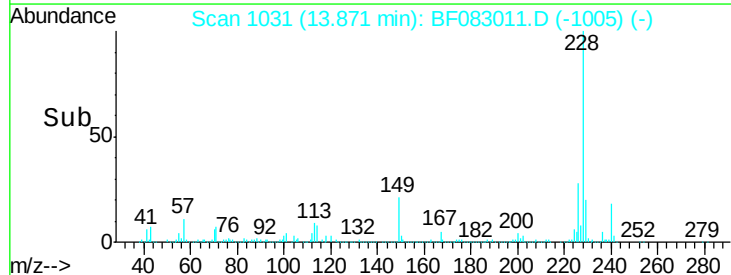
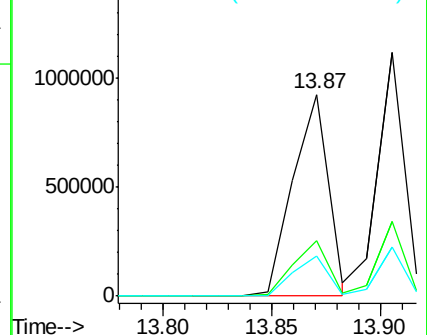
229 19.9 16.3 24.5

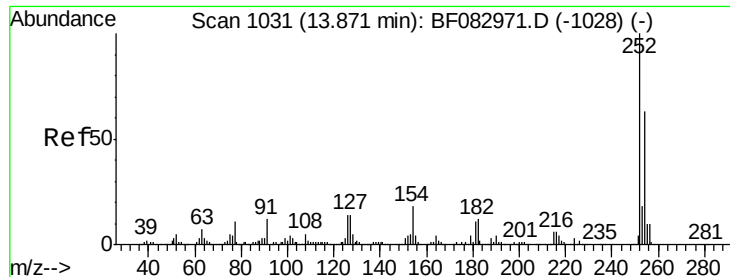


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

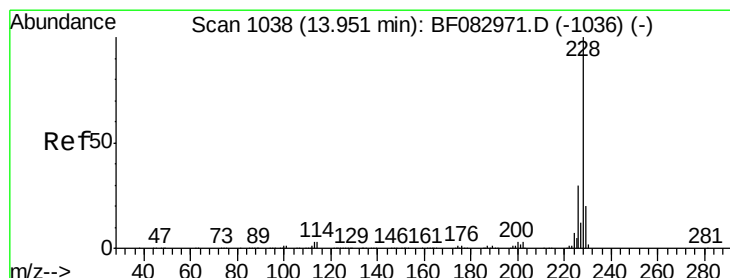
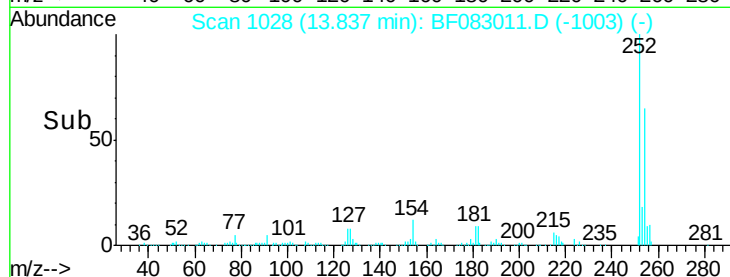
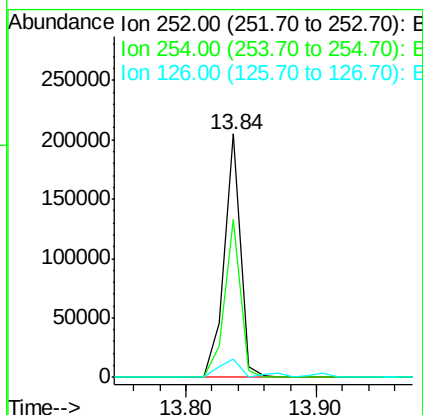
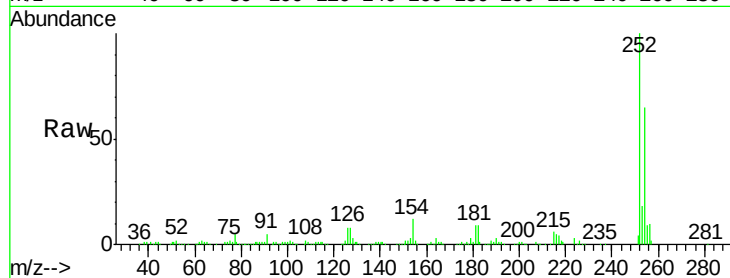




#81
 3,3'-Dichlorobenzidine
 Concen: 16.33 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

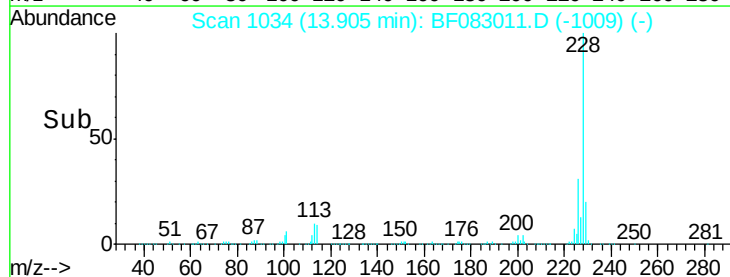
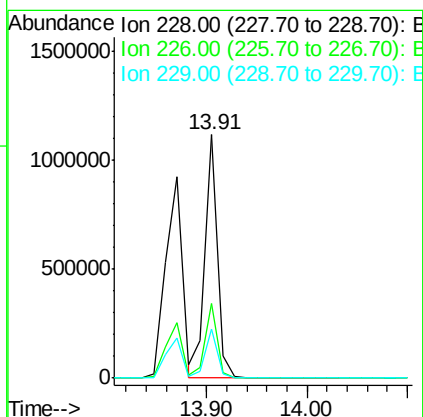
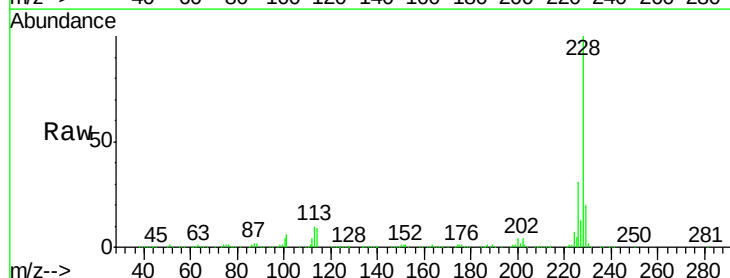
Instrument :
 BNA_F
 ClientSampleId :
 PB86700BS

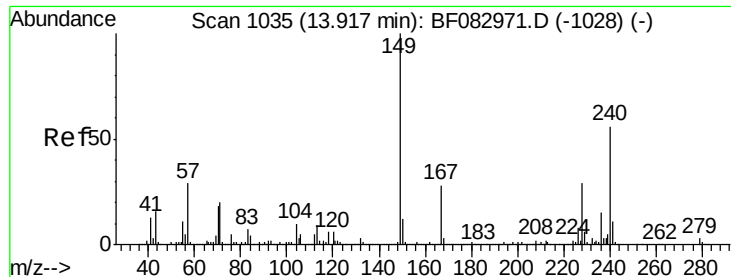
Tot Ion:252 Resp: 179201
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.4 77.0
 126 7.7 10.7 16.1#



#82
 Chrysene
 Concen: 34.17 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion:228 Resp: 966025
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.5 38.3
 229 20.1 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.88 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

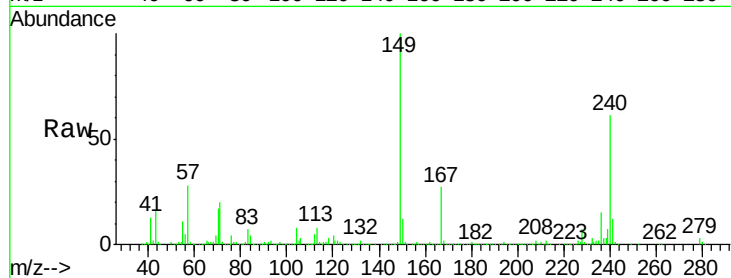
Tot Ion:149 Resp: 755953

Ion Ratio Lower Upper

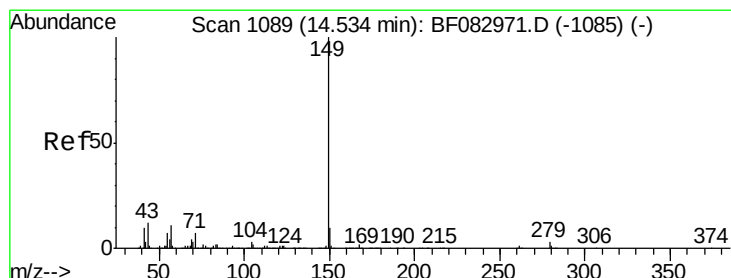
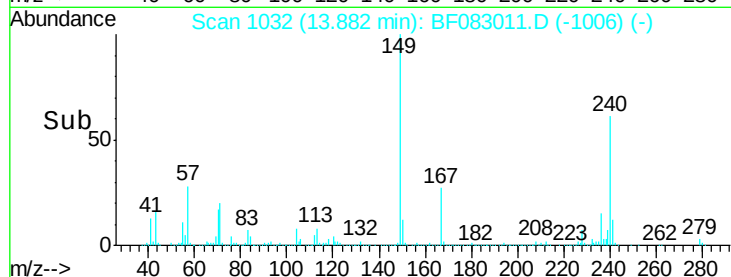
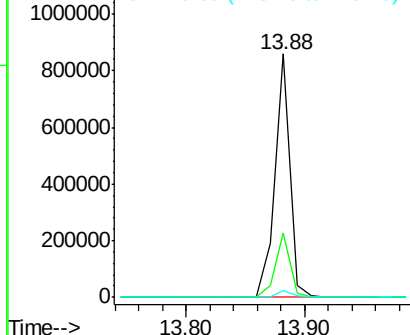
149 100

167 26.6 21.2 31.8

279 2.9 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: 48.61 ng

RT: 14.50 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

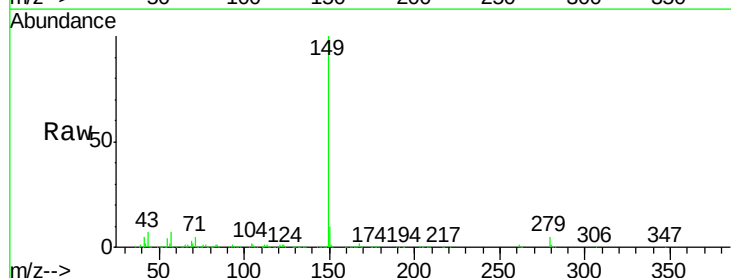
Tgt Ion:149 Resp: 1662099

Ion Ratio Lower Upper

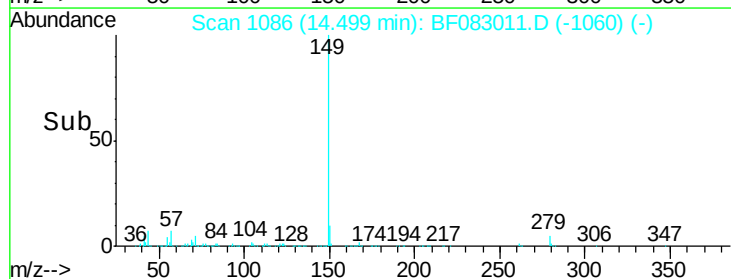
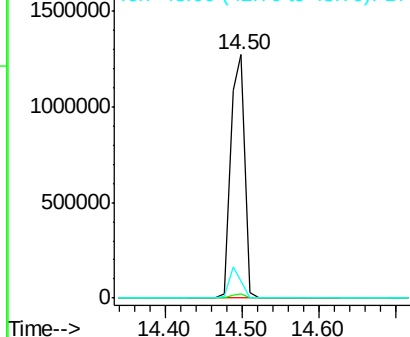
149 100

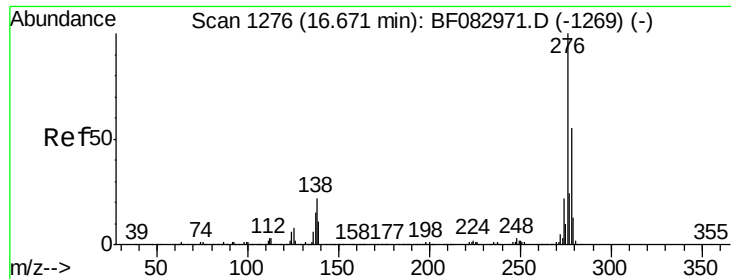
167 1.6 1.3 1.9

43 10.6 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

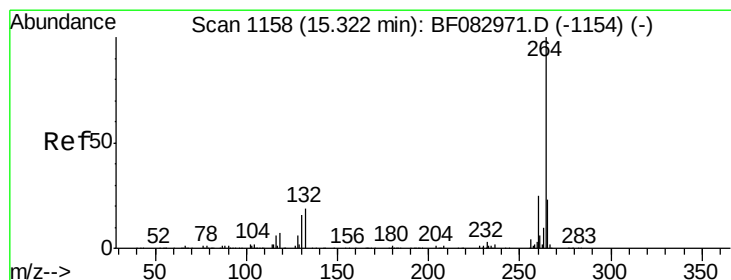
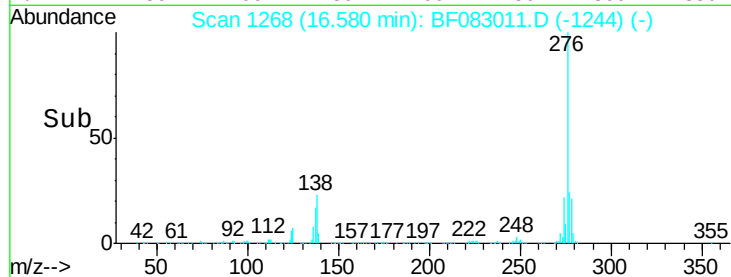
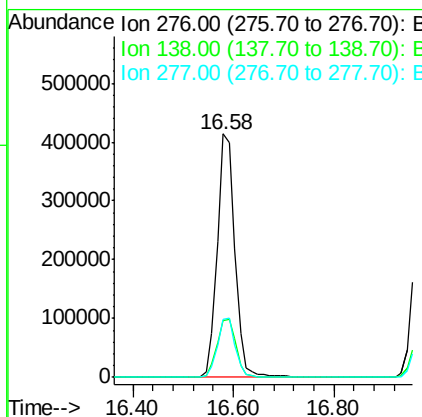
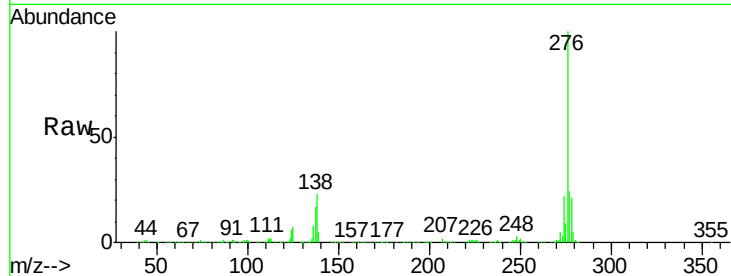




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.55 ng
 RT: 16.58 min Scan# 1268
 Delta R.T. -0.02 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

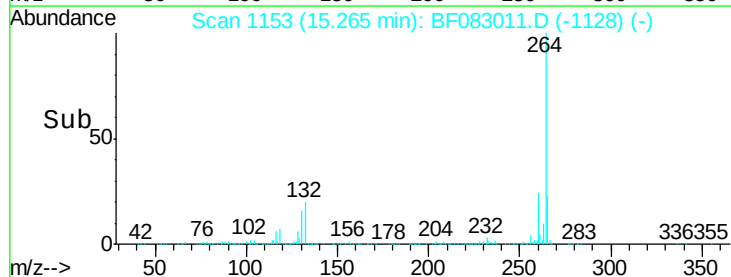
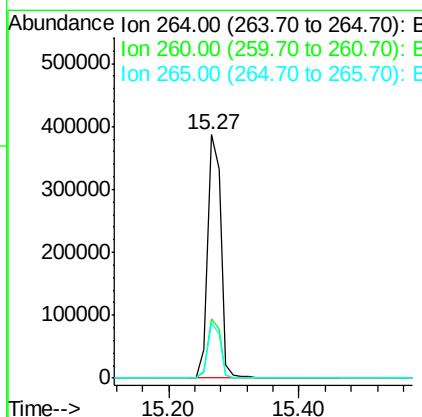
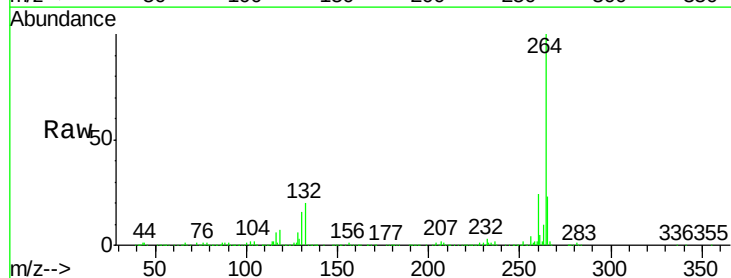
Instrument :
 BNA_F
 ClientSampled :
 PB86700BS

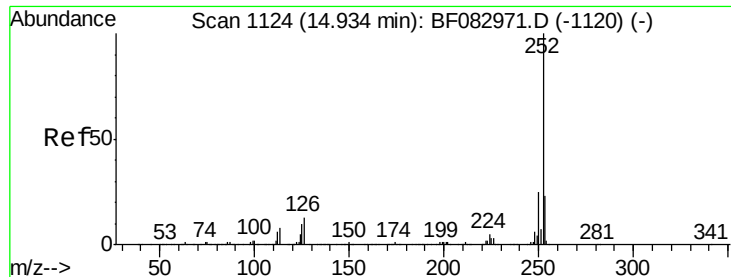
Tot Ion:276 Resp: 1011744
 Ion Ratio Lower Upper
 276 100
 138 25.7 15.3 22.9#
 277 24.8 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Tgt Ion:264 Resp: 550315
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.8 29.6
 265 22.8 17.4 26.0

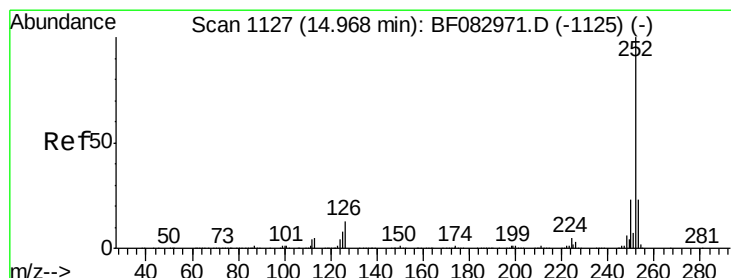
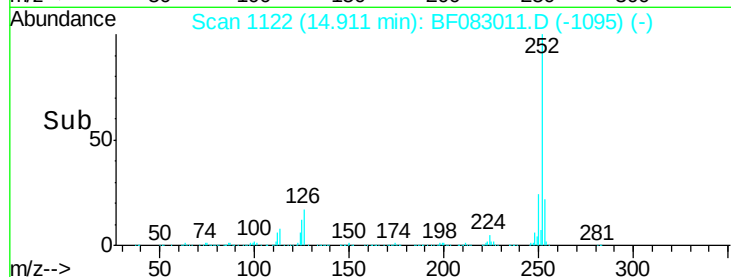
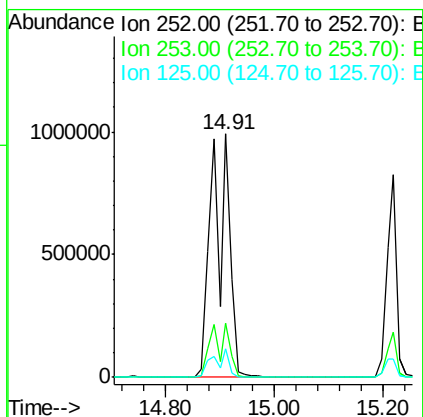
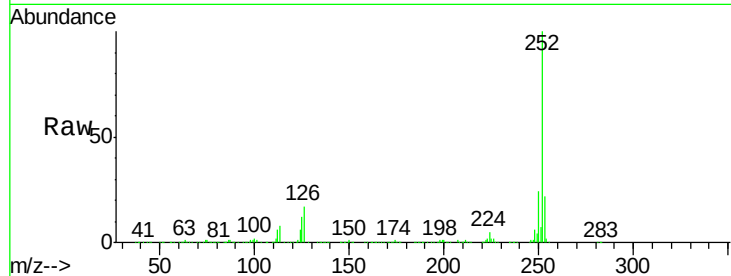




#87
Benzo(b)fluoranthene
Concen: 63.29 ng
RT: 14.91 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

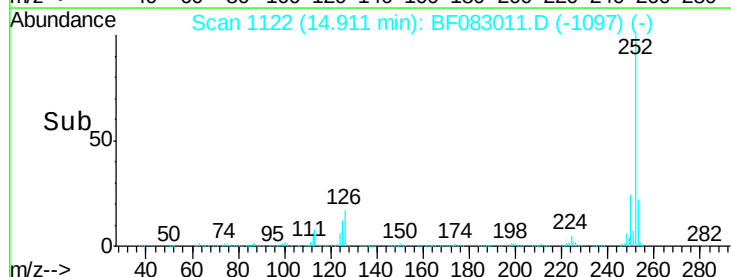
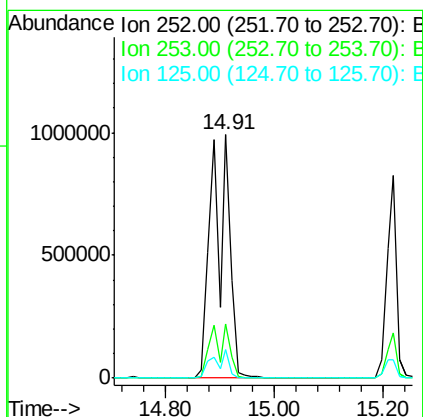
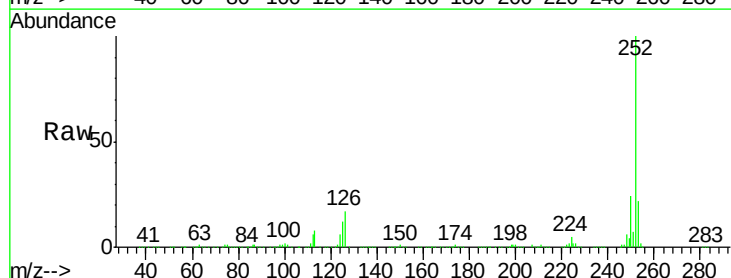
Instrument :
BNA_F
ClientSampleId :
PB86700BS

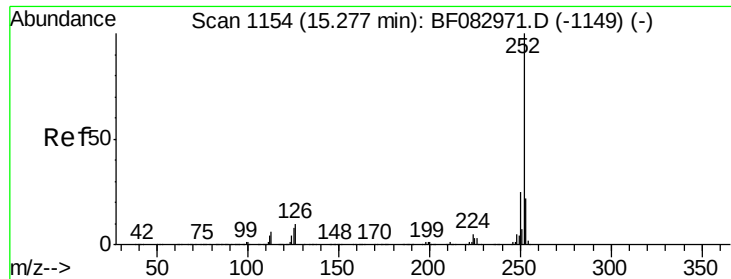
Tot Ion:252 Resp: 2235709
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 11.5 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 71.35 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion:252 Resp: 2235709
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 11.5 3.5 5.3#

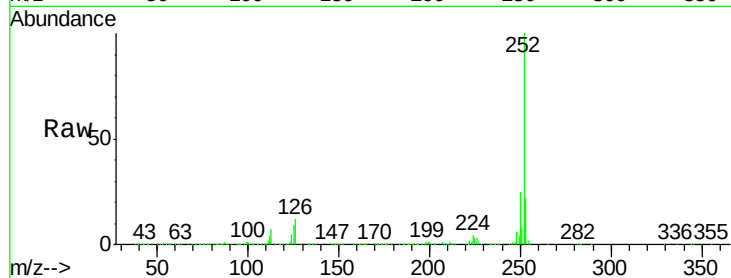




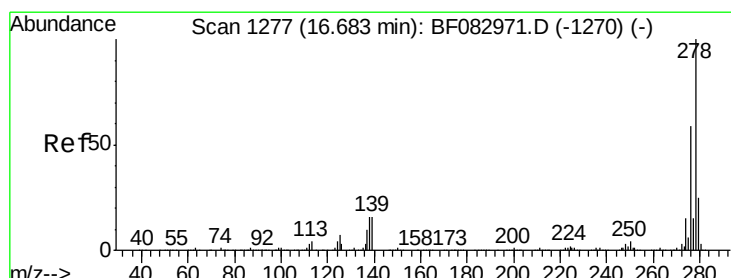
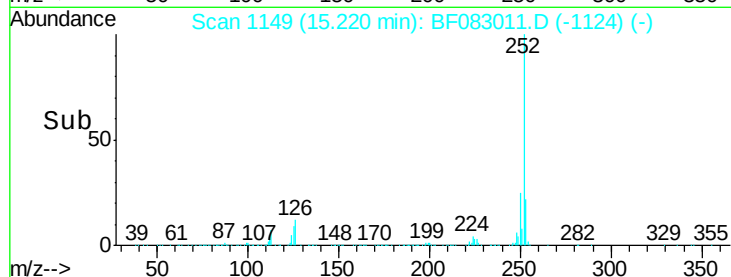
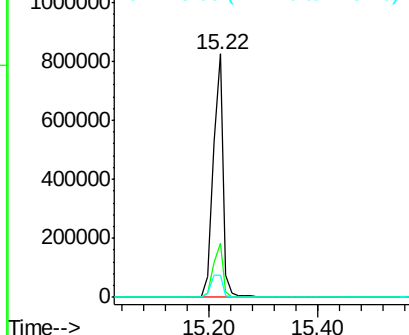
#89
Benzo(a)pyrene
Concen: 34.54 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :
PB86700BS

Tot Ion:252 Resp: 1056949
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.1 7.1 10.7

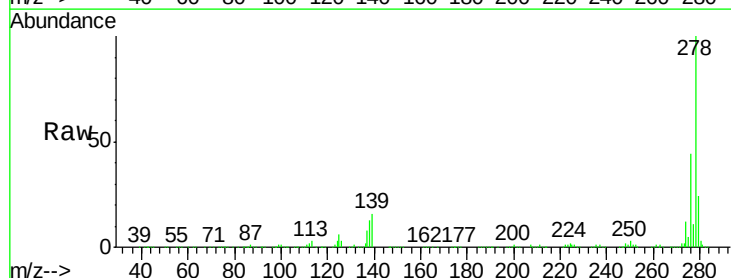


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

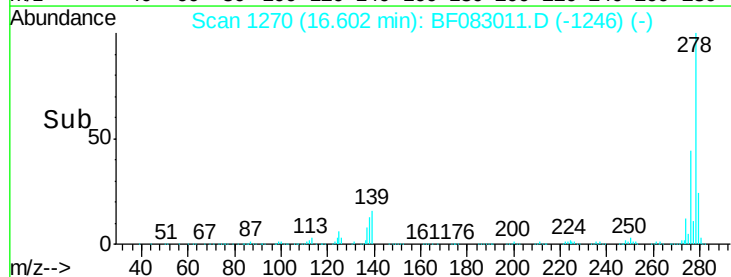
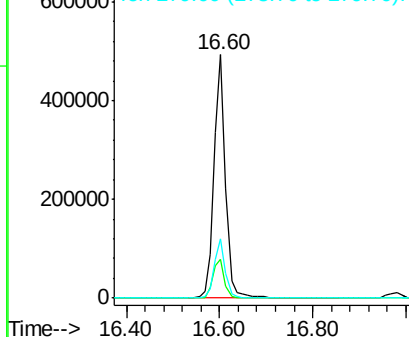


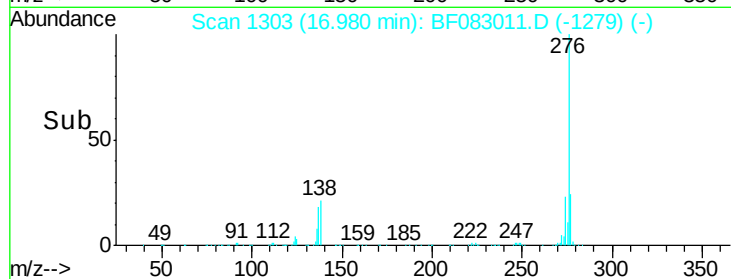
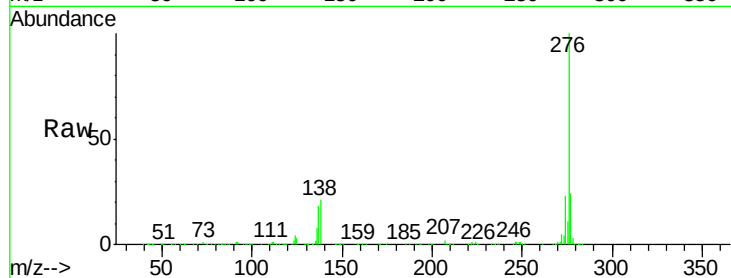
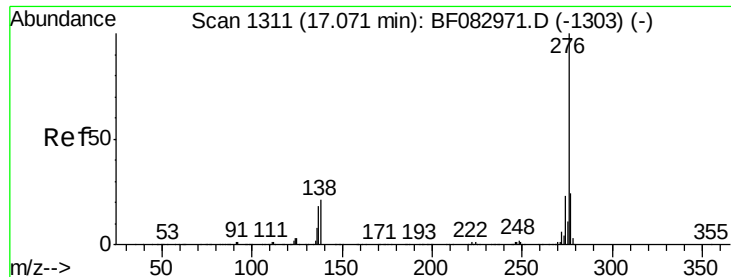
#90
Dibenzo(a,h)anthracene
Concen: 32.68 ng
RT: 16.60 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Tgt Ion:278 Resp: 846921
Ion Ratio Lower Upper
278 100
139 15.7 9.9 14.9#
279 24.5 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: 33.48 ng

RT: 16.98 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampleId :

PB86700BS

Tot Ion: 276 Resp: 831009

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 20.9 13.1 19.7#

