

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 :

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

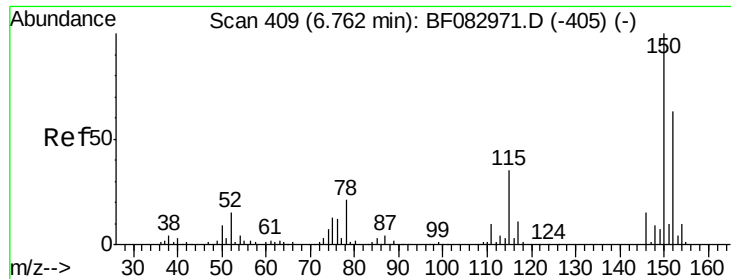
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111815\
 Data File : BF083011.D
 Acq On : 18 Nov 2015 15:36
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 Response via : Initial Calibration

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

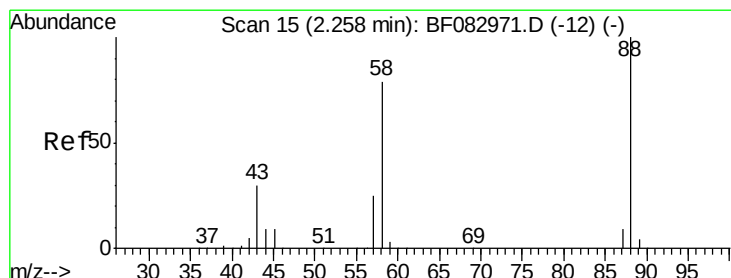
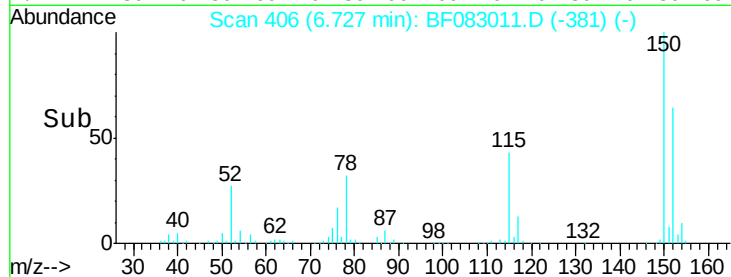
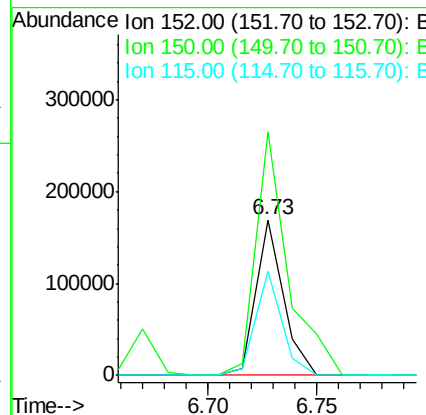
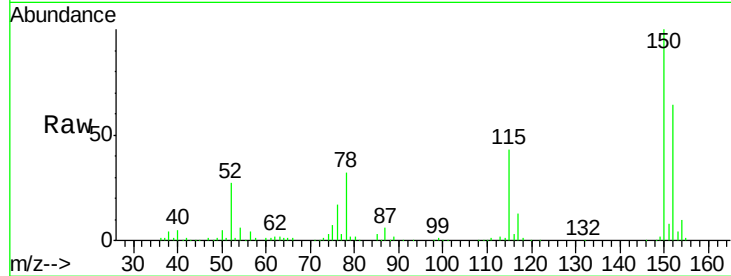


#1

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 :

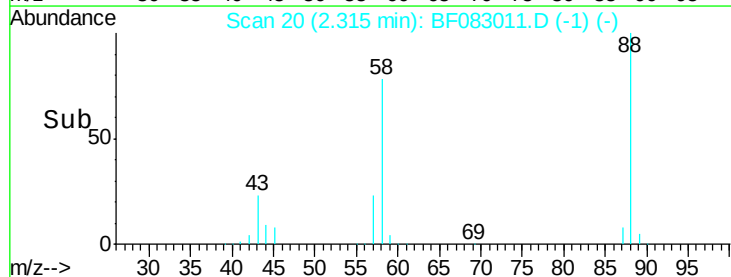
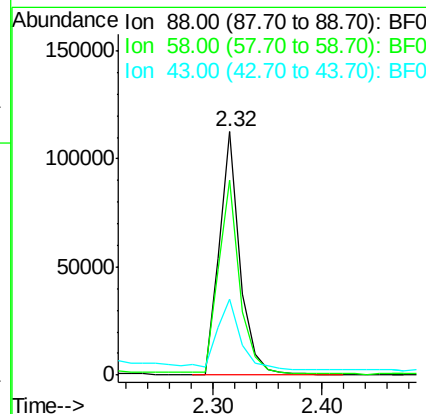
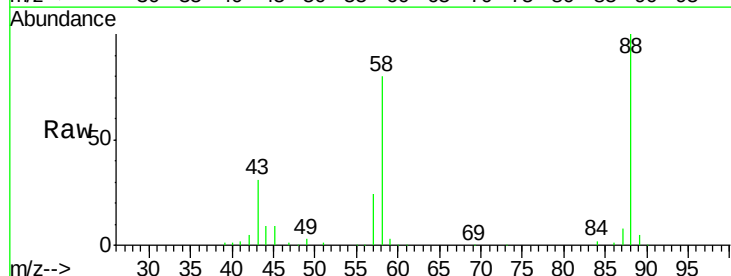
Tot Ion:152 Resp: 148203
Ion Ratio Lower Upper
152 100
150 156.7 127.0 190.4
115 67.1 47.0 70.6

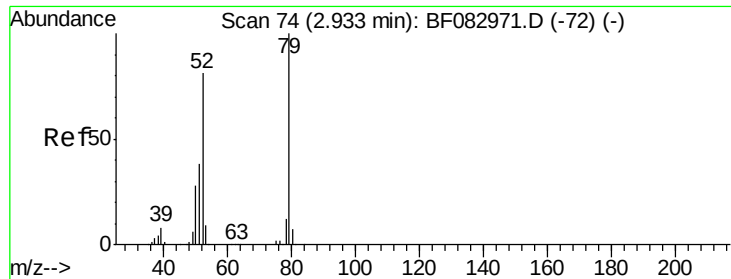


#2

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

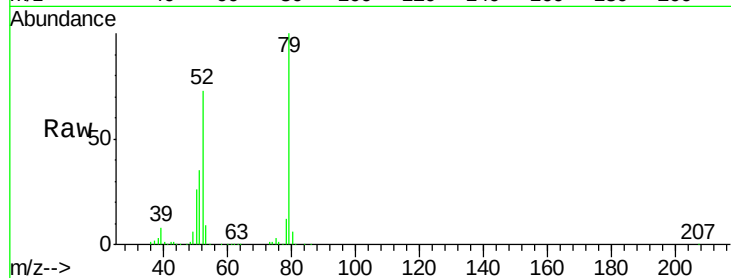
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 348130

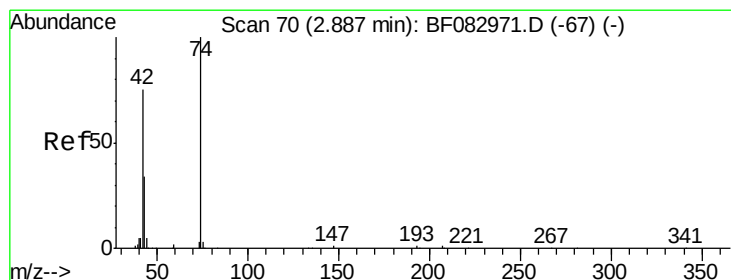
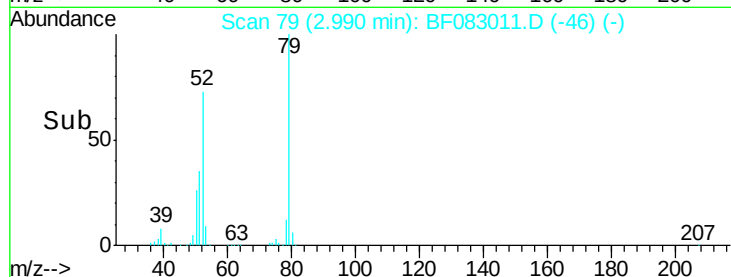
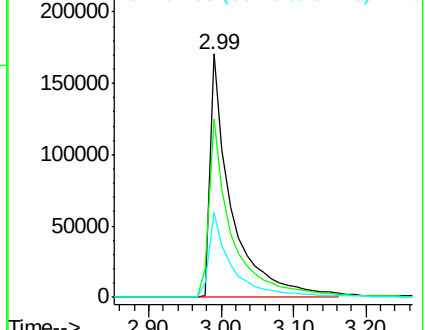
Ion	Ratio	Lower	Upper
79	100		
52	73.3	62.8	94.2
51	34.9	32.0	48.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.38 ng

RT: 2.93 min Scan# 74

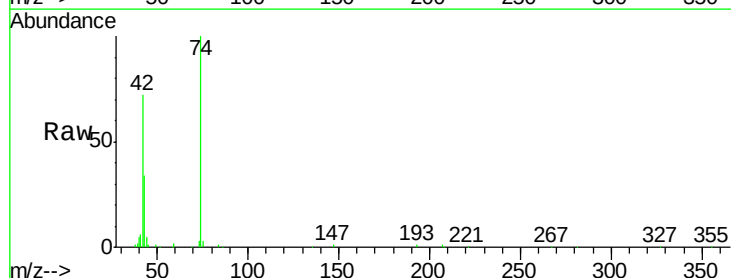
Delta R.T. 0.06 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

Tgt Ion: 42 Resp: 191547

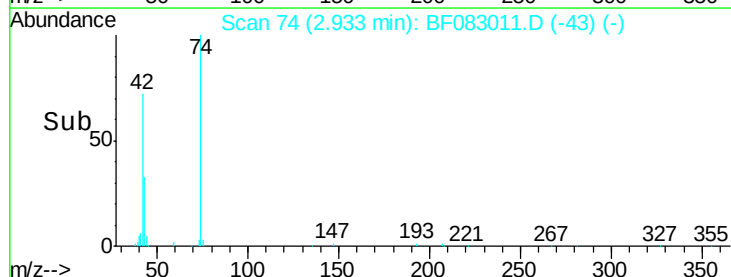
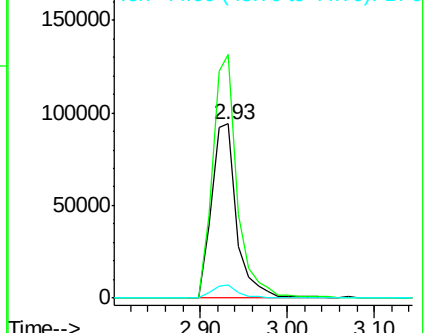
Ion	Ratio	Lower	Upper
42	100		
74	139.8	87.0	130.4#
44	7.7	5.8	8.8

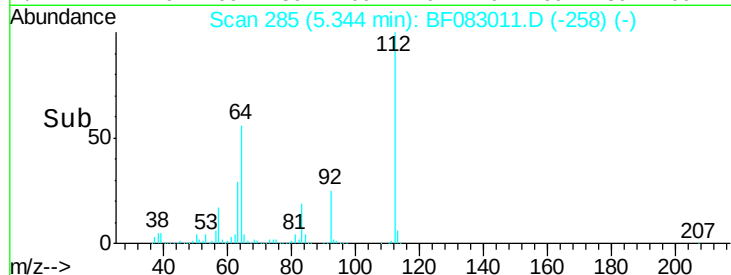
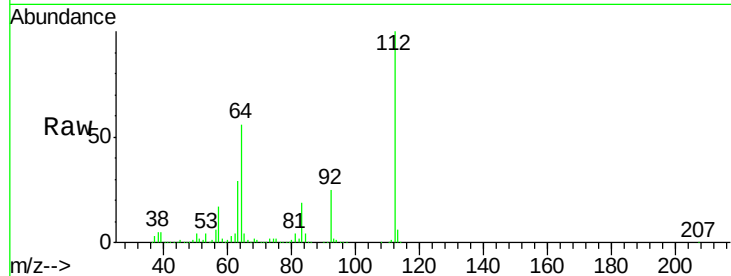
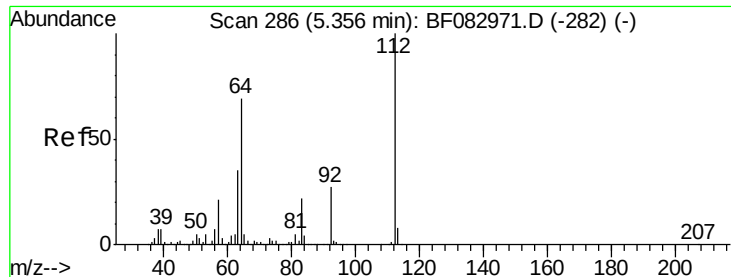


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 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 :

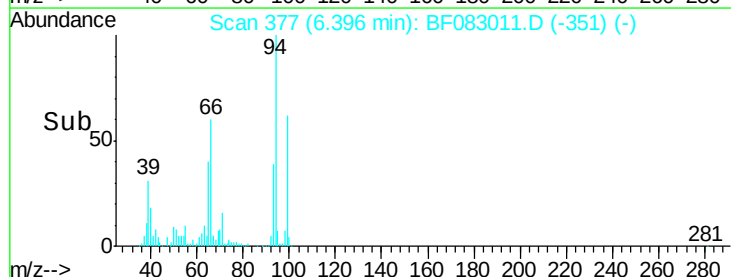
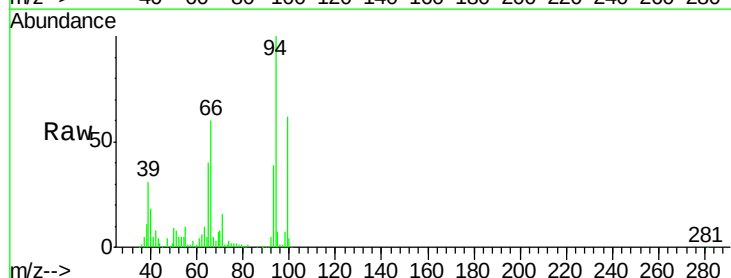
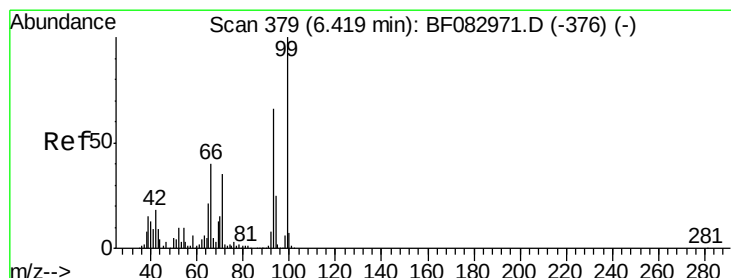
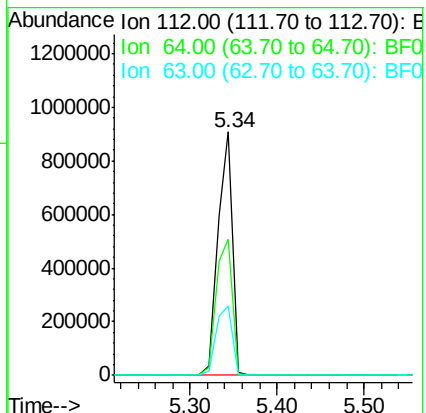
Tot Ion:112 Resp: 1071021

Ion Ratio Lower Upper

112 100

64 56.0 48.9 73.3

63 28.7 28.1 42.1



#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

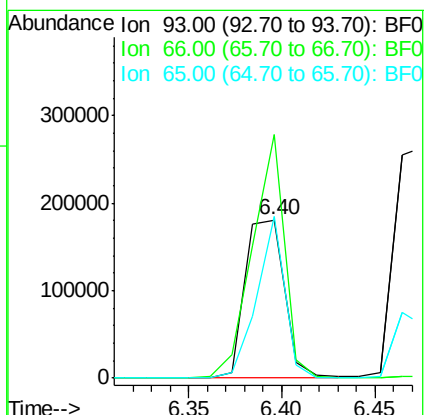
Tgt Ion: 93 Resp: 264261

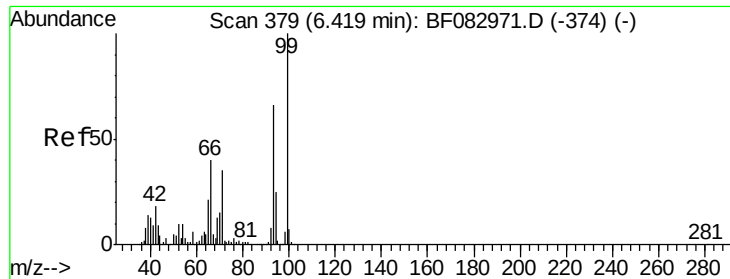
Ion Ratio Lower Upper

93 100

66 153.8 33.6 50.4#

65 102.2 18.1 27.1#





#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

ClientSampled :

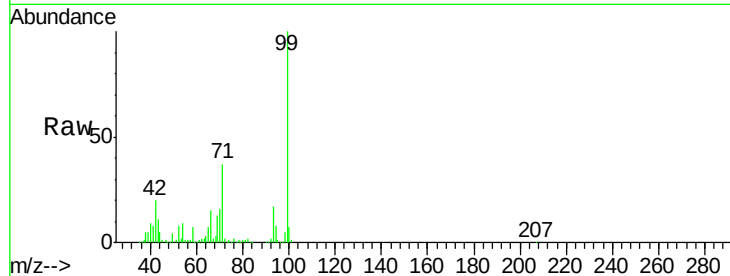
Tot Ion: 99 Resp: 1279857

Ion Ratio Lower Upper

99 100

42 20.2 19.2 28.8

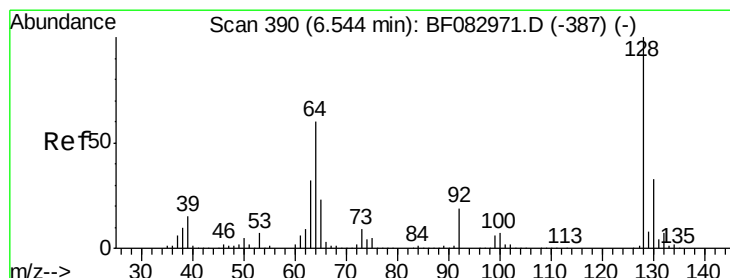
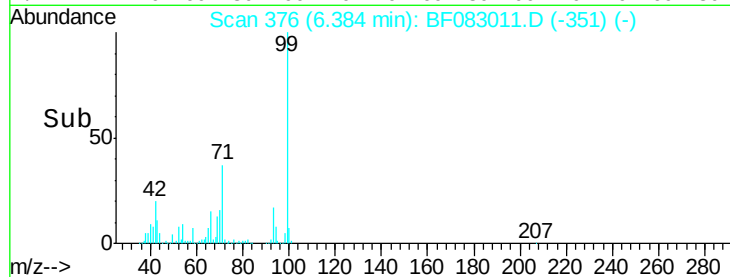
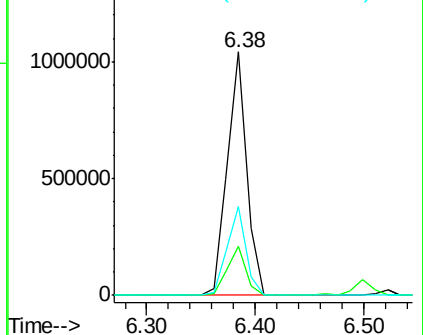
71 36.7 35.0 52.4



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

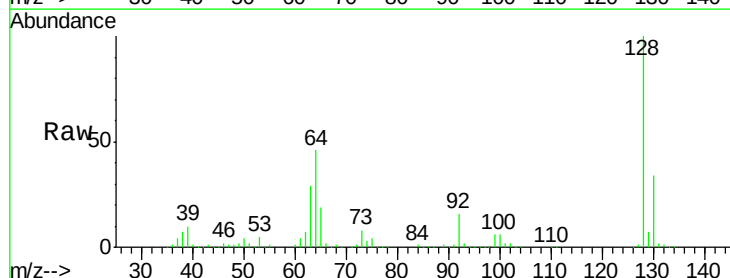
Tgt Ion: 128 Resp: 362624

Ion Ratio Lower Upper

128 100

130 34.0 13.5 53.5

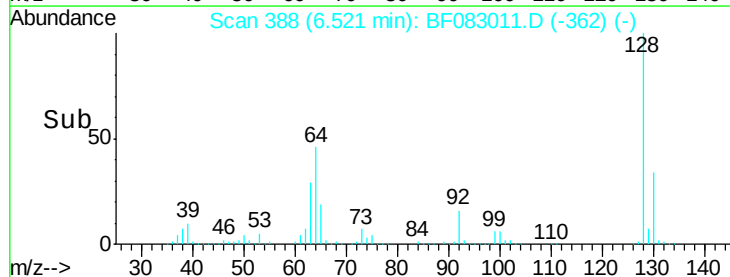
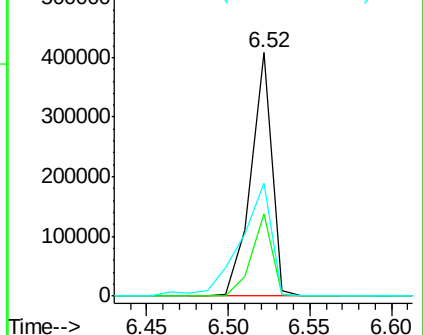
64 46.3 21.1 61.1

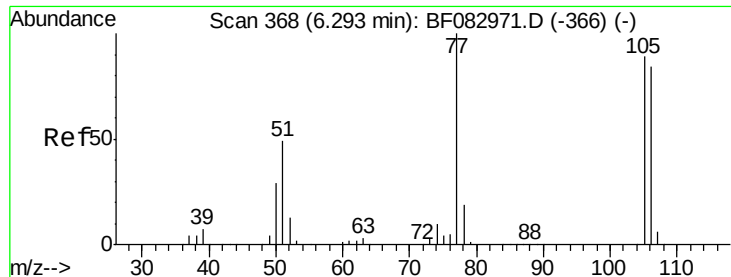


Abundance Ion 128.00 (127.70 to 128.70): E

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 :

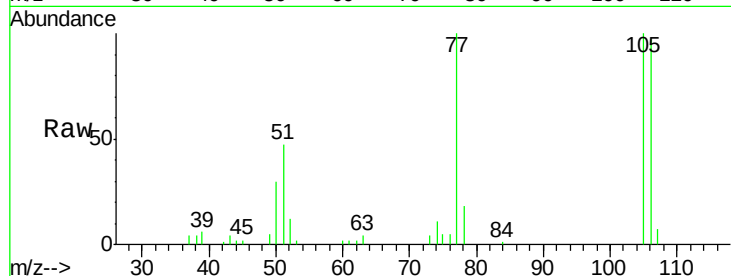
Tot Ion: 77 Resp: 23161

Ion Ratio Lower Upper

77 100

105 100.3 63.5 103.5

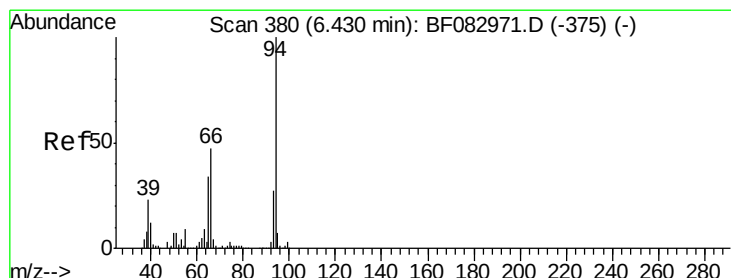
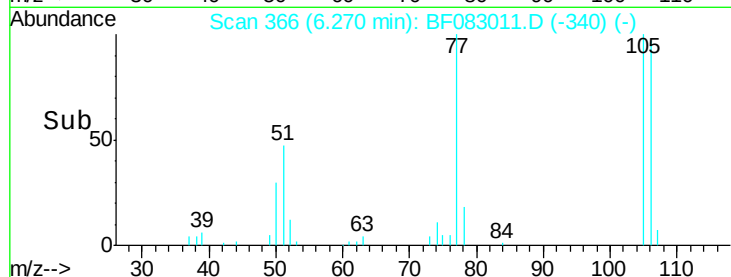
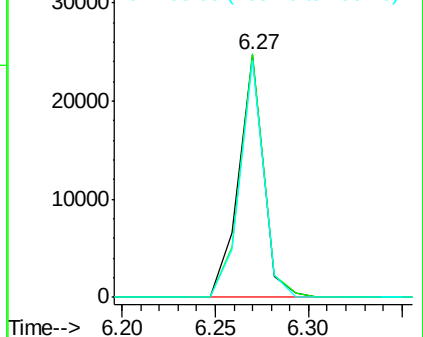
106 97.5 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#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

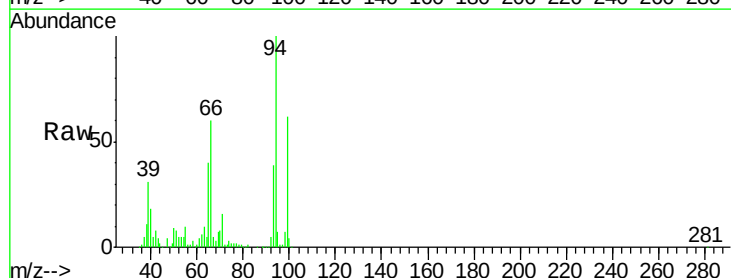
Tgt Ion: 94 Resp: 420669

Ion Ratio Lower Upper

94 100

65 39.9 18.9 58.9

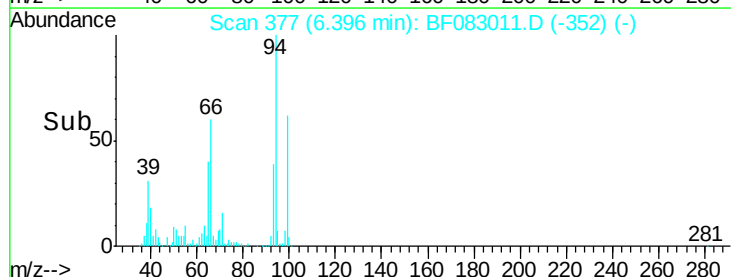
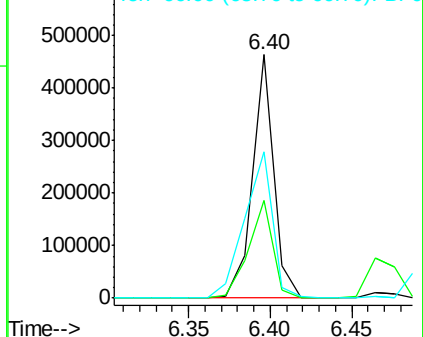
66 60.1 34.9 74.9

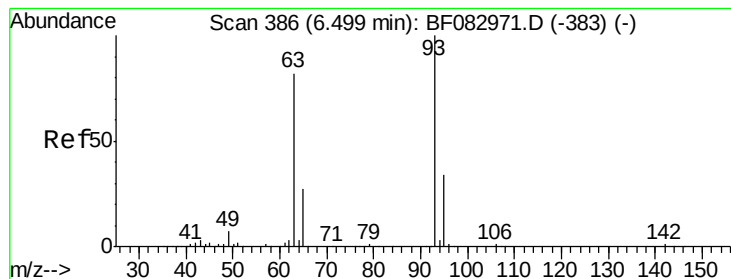


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

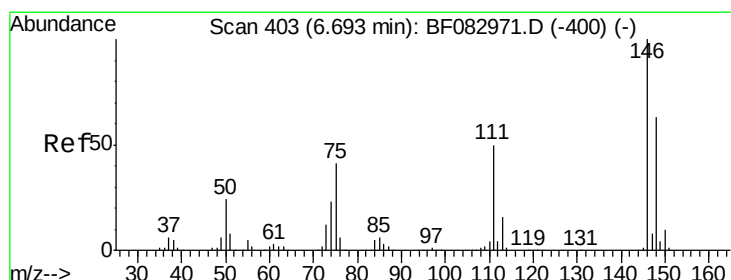
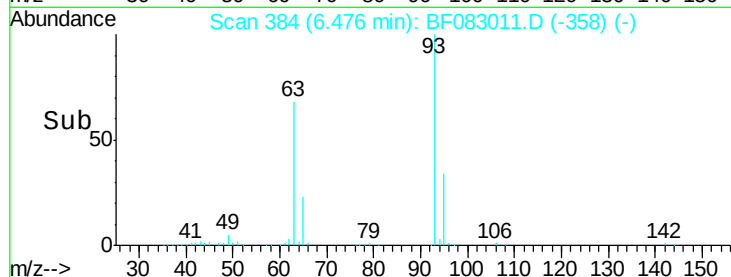
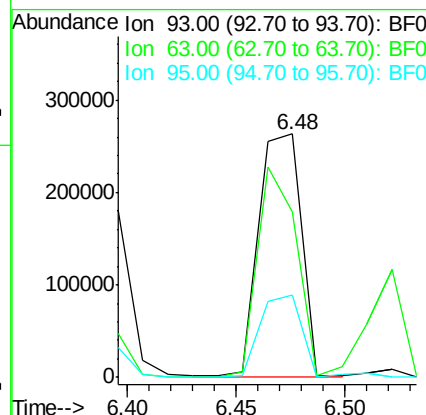
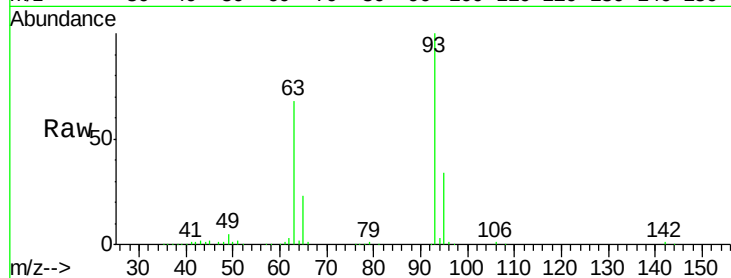




#11
bis(2-Chloroethyl)ether
Concen: 33.75 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

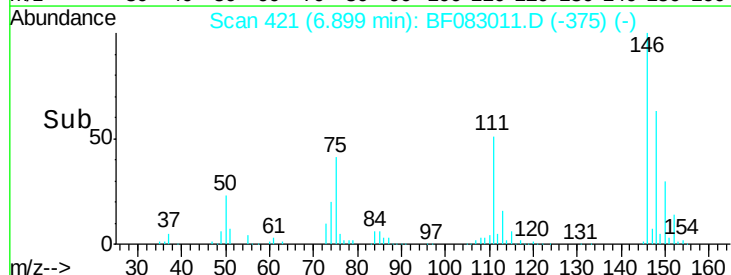
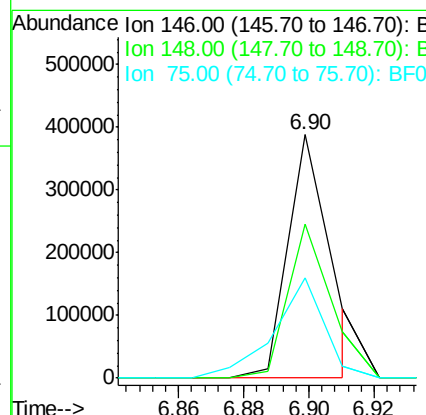
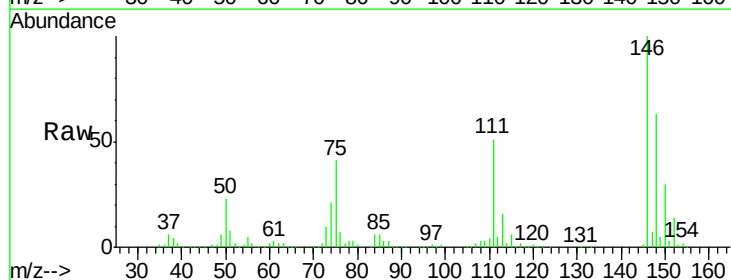
Instrument :
BNA_F
ClientSampleId :

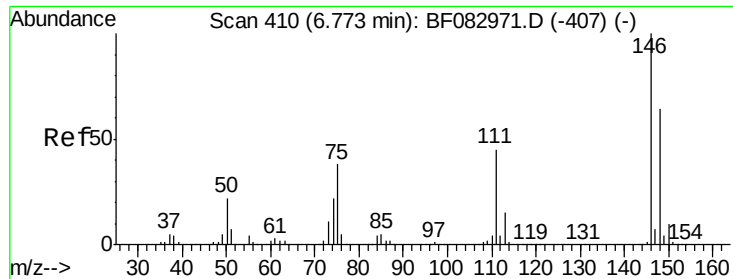
Tot Ion: 93 Resp: 362633
Ion Ratio Lower Upper
93 100
63 68.0 72.7 112.7#
95 34.1 12.0 52.0



#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

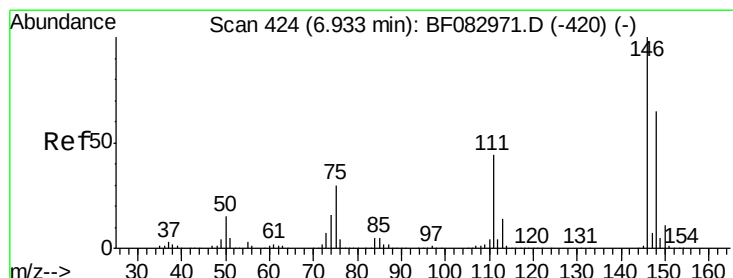
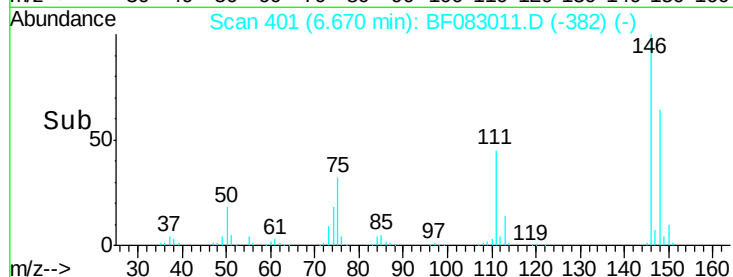
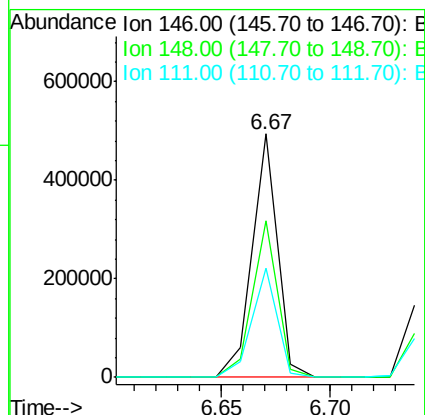
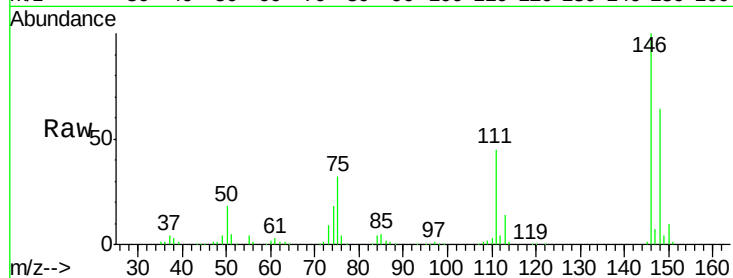




#13
 1,4-Dichlorobenzene
 Concen: 32.14 ng
 RT: 6.67 min Scan# 401
 Delta R.T. -0.08 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

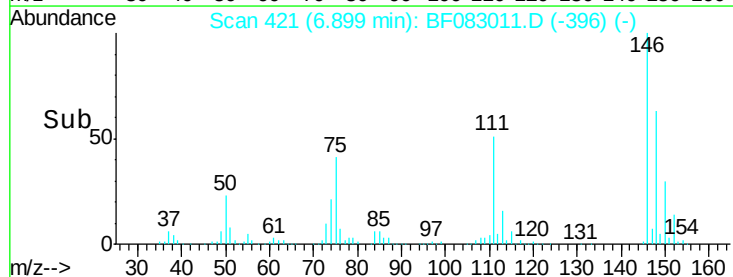
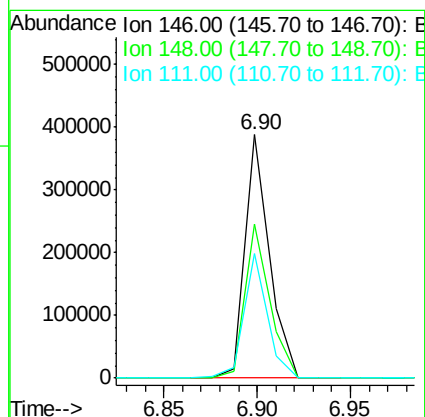
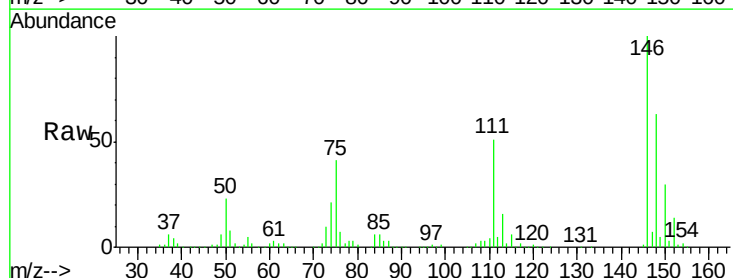
Instrument :
 BNA_F
 ClientSampleId :

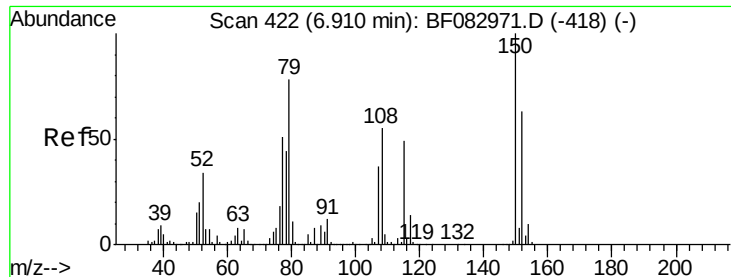
Tot Ion:146 Resp: 398263
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 44.8 40.6 60.8



#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 :

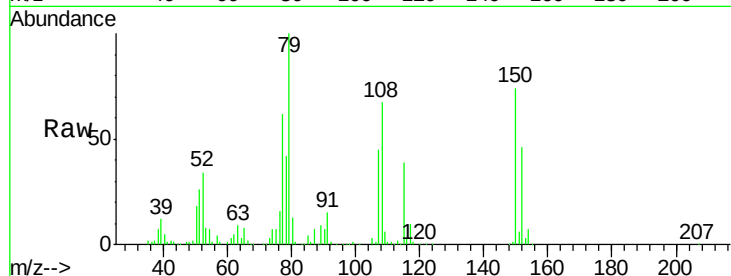
Tot Ion: 79 Resp: 342824

Ion Ratio Lower Upper

79 100

108 66.9 52.2 78.4

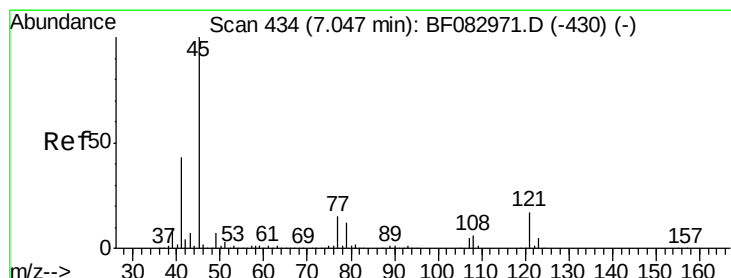
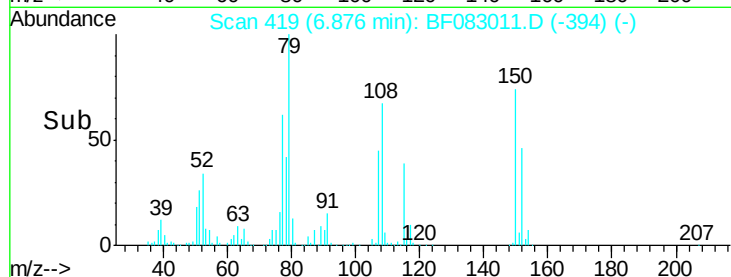
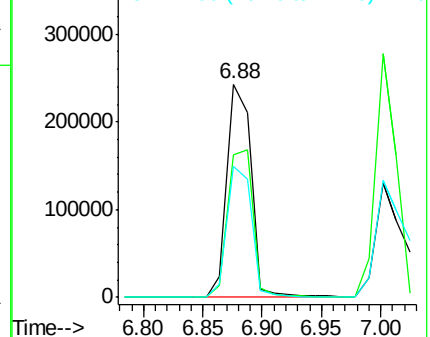
77 61.5 52.7 79.1



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

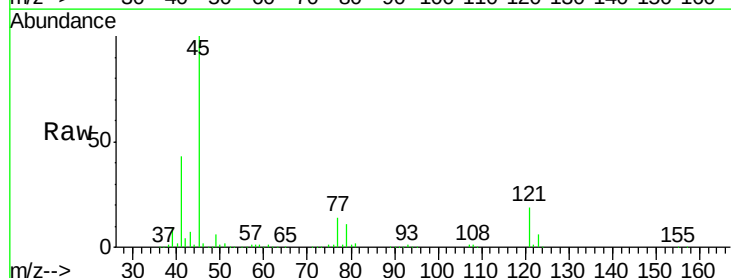
Tgt Ion: 45 Resp: 604644

Ion Ratio Lower Upper

45 100

77 14.0 0.0 32.6

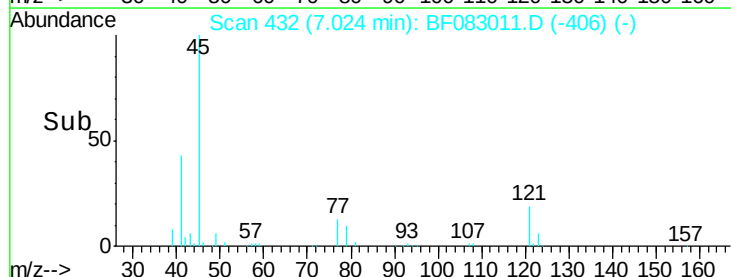
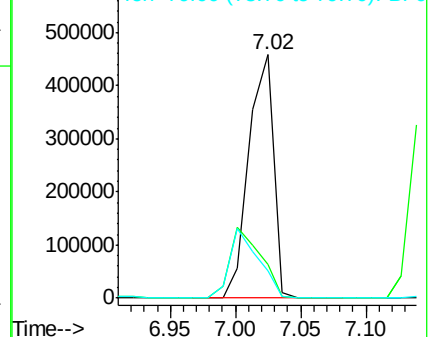
79 11.3 0.0 29.2

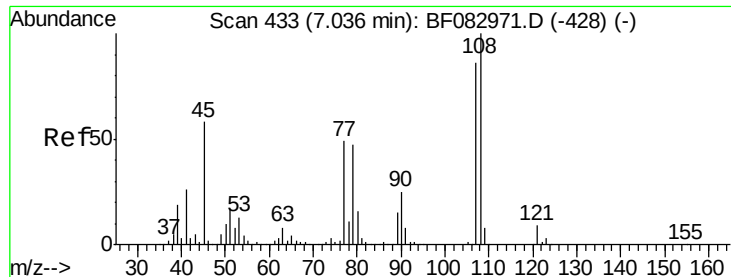


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

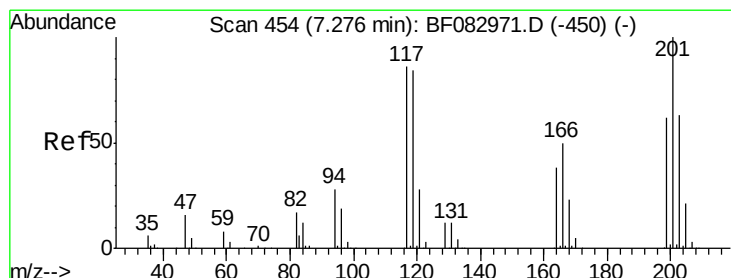
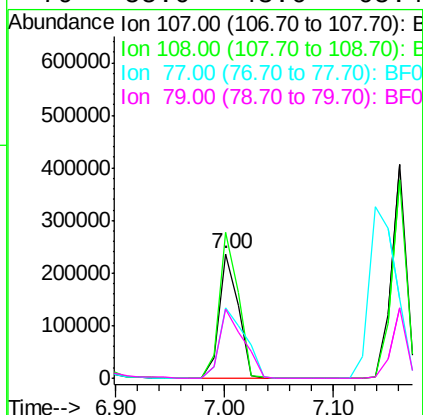
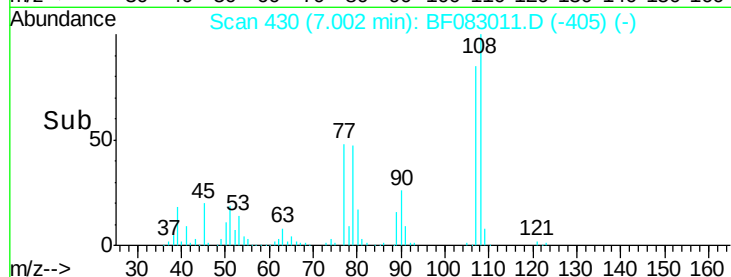
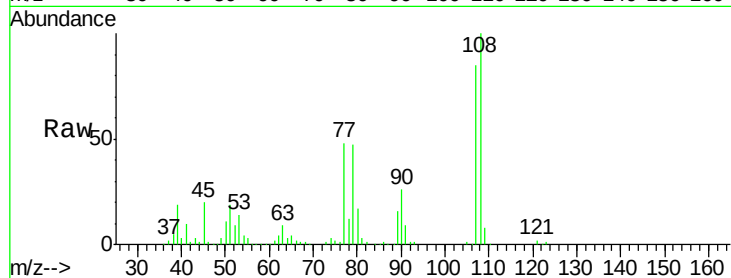




#17
2-Methylphenol
Concen: 32.44 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

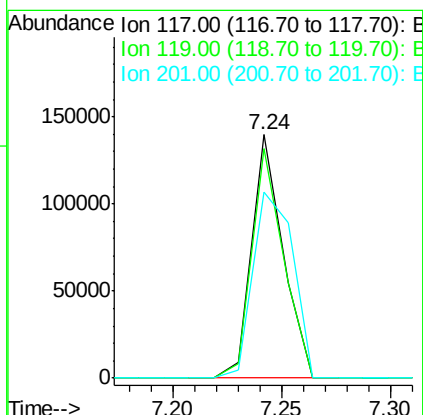
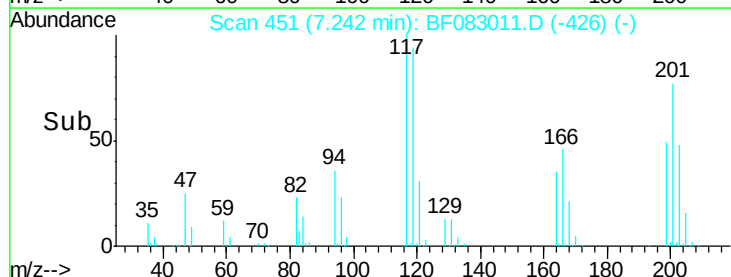
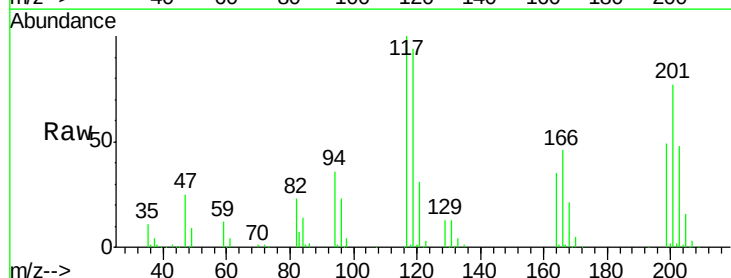
Instrument :
BNA_F
ClientSampleId :

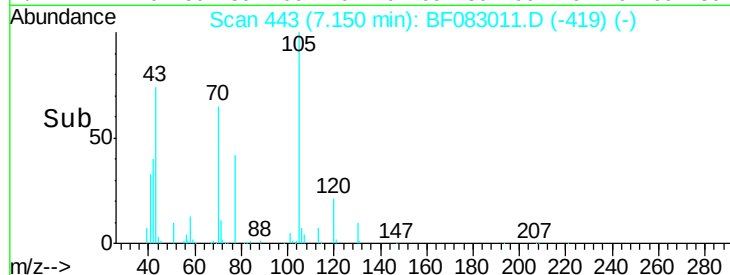
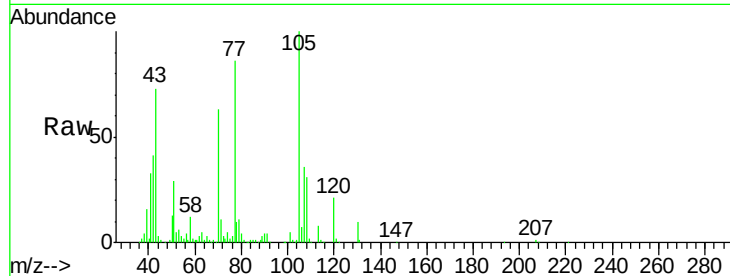
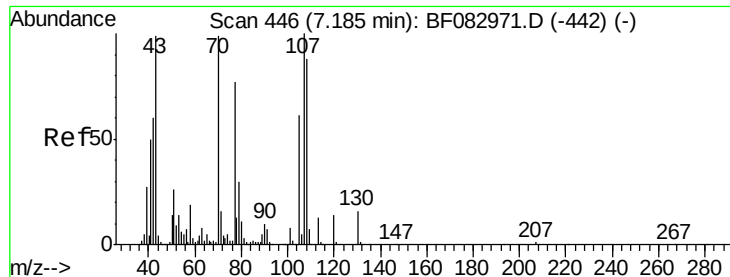
Tot Ion:	107	Resp:	290086
Ion	Ratio	Lower	Upper
107	100		
108	117.1	93.0	139.4
77	56.1	44.1	66.1
79	55.0	43.6	65.4



#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

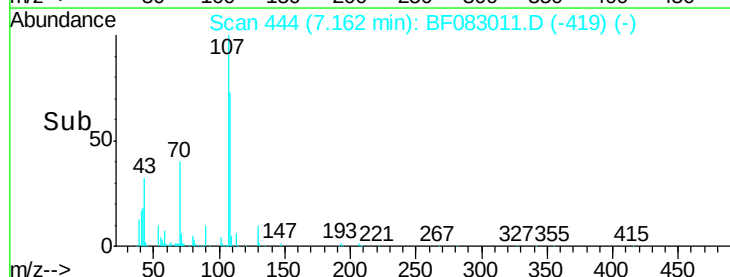
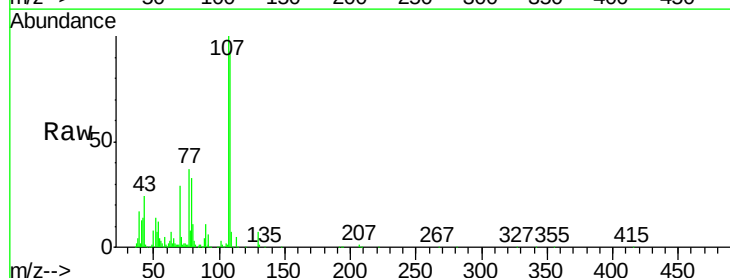
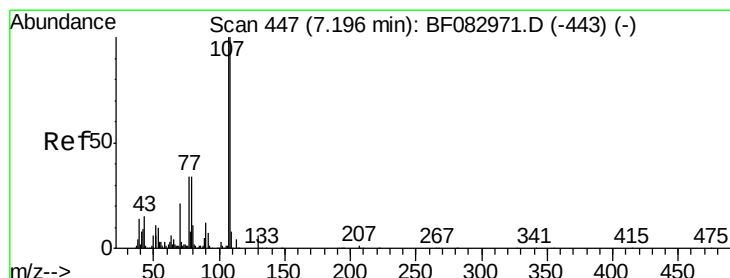
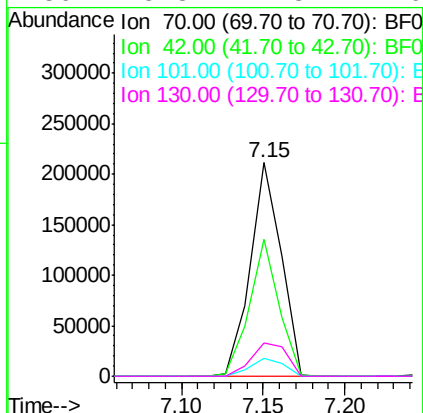




#19
n-Nitroso-di-n-propylamine
Concen: 29.76 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

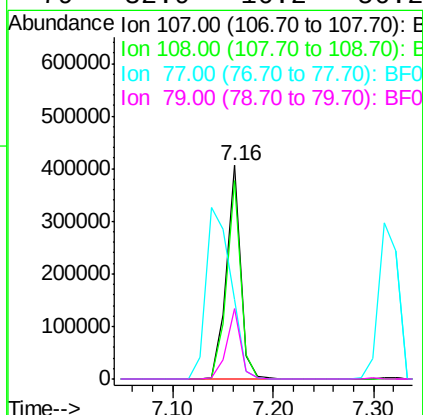
Instrument :
BNA_F
ClientSampleId :

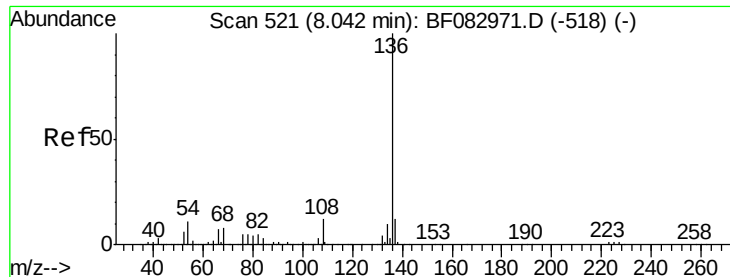
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.1	57.7	86.5	
101	8.1	7.0	10.6	
130	15.8	11.8	17.6	



#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 :

Tot Ion:136 Resp: 600425

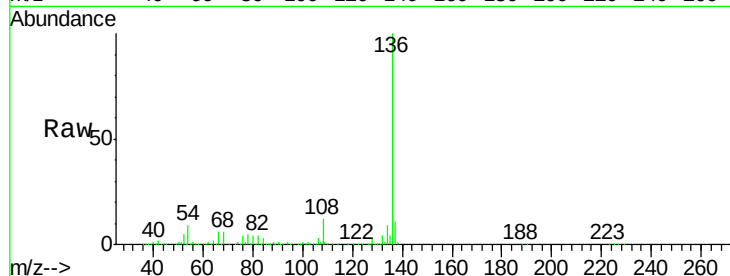
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.0 9.1 13.7#

68 6.0 4.8 7.2

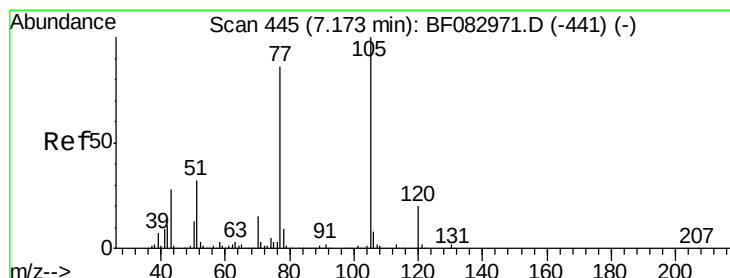
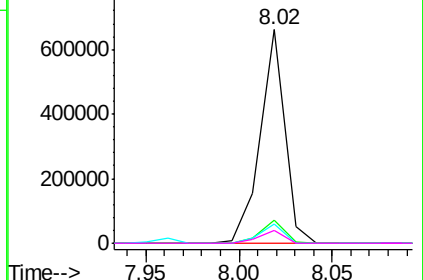
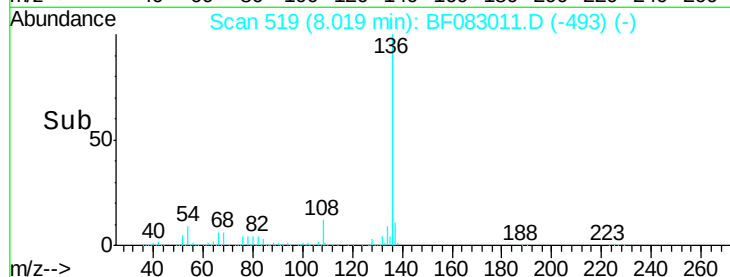


Abundance Ion 136.00 (135.70 to 136.70): E

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



#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

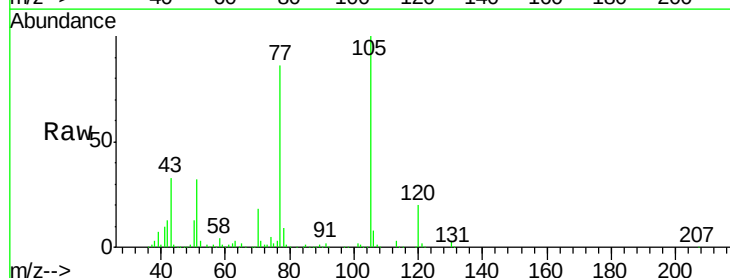
Ion Ratio Lower Upper

105 100

71 3.1 5.6 8.4#

51 32.0 24.9 37.3

120 19.6 15.8 23.8

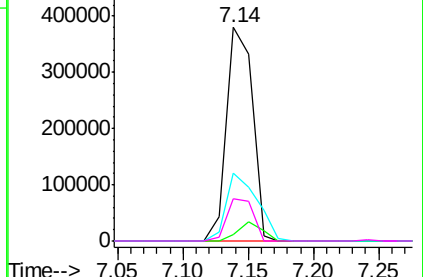
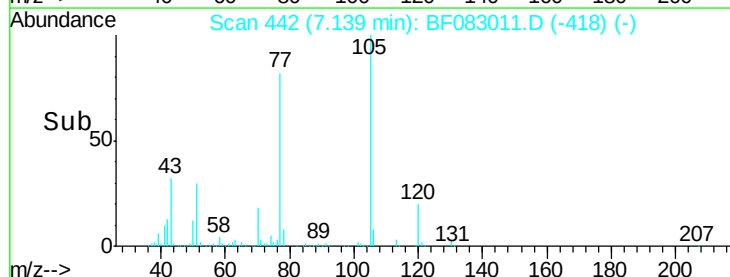


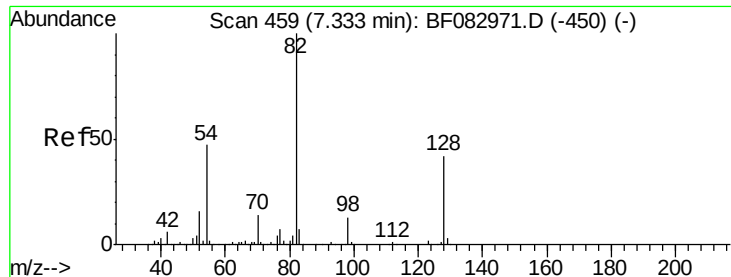
Abundance Ion 105.00 (104.70 to 105.70): E

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

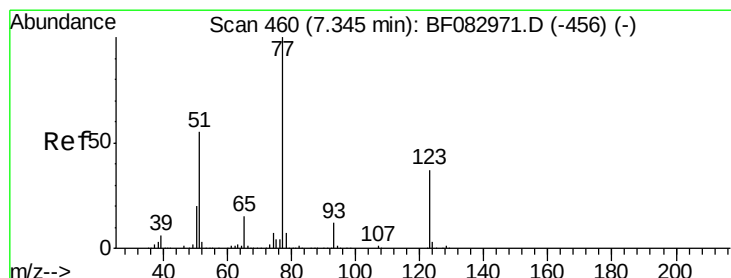
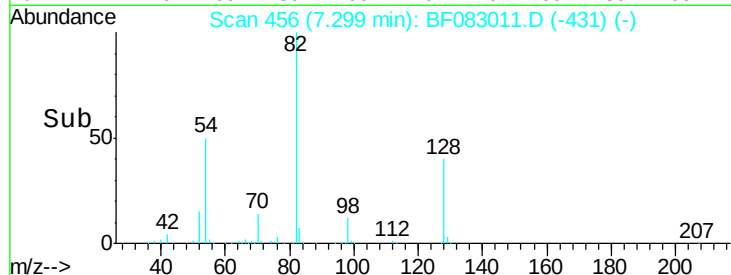
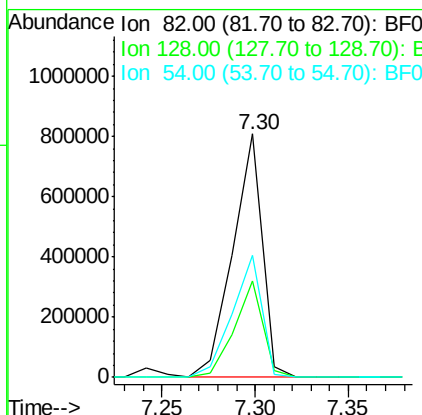
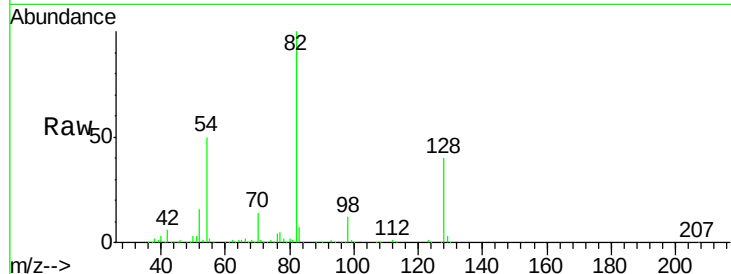




#23
 Nitrobenzene-d5
 Concen: 64.88 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

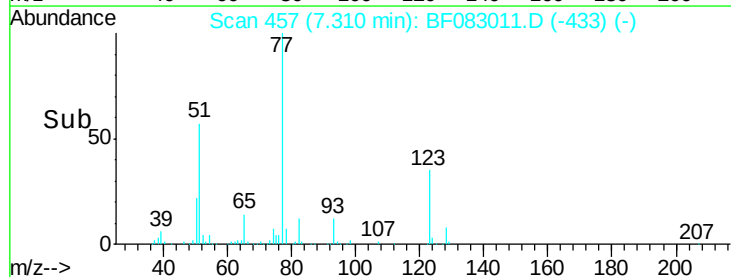
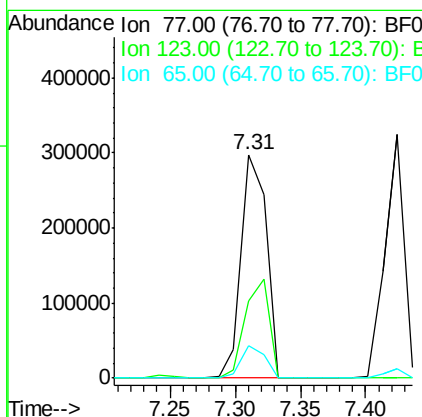
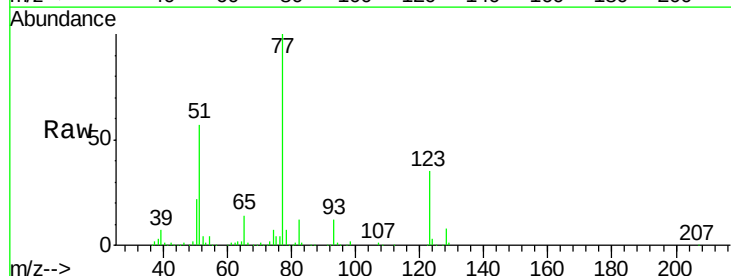
Instrument :
 BNA_F
 ClientSampleId :

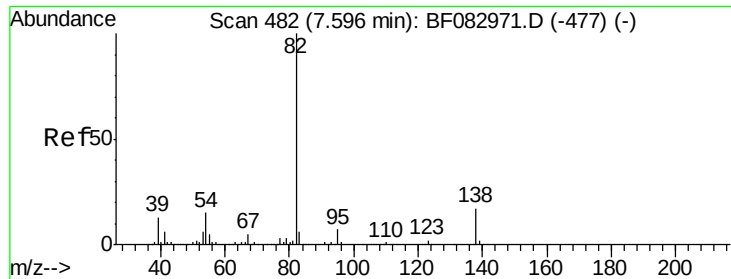
Tot Ion	82	Resp	895219
Ion Ratio	100	Lower	Upper
128	39.5	26.8	40.2
54	50.3	45.7	68.5



#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 :

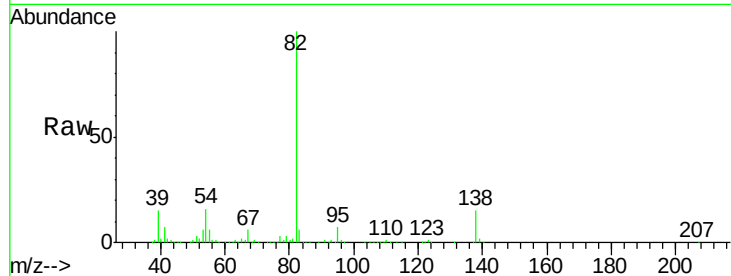
Tot Ion: 82 Resp: 802138

Ion Ratio Lower Upper

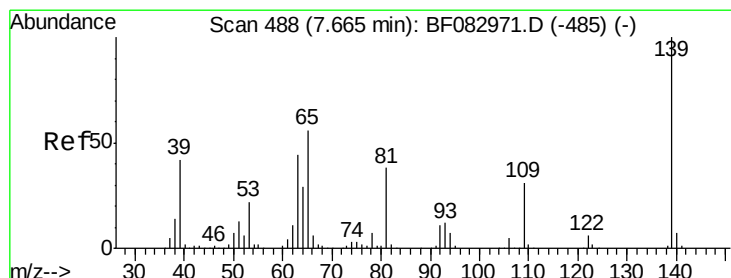
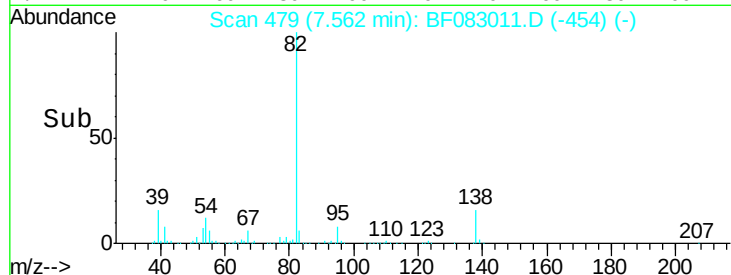
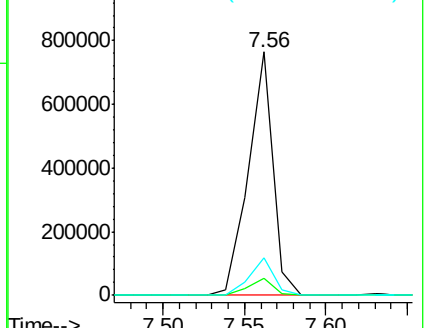
82 100

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

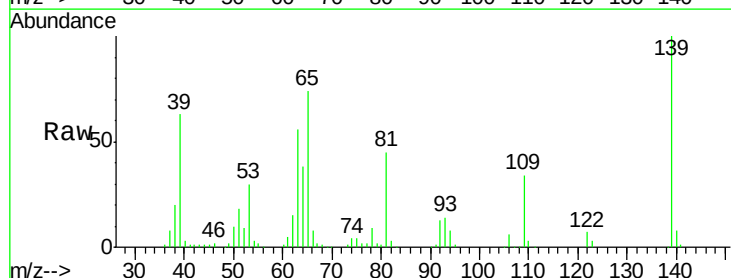
Tgt Ion: 139 Resp: 179148

Ion Ratio Lower Upper

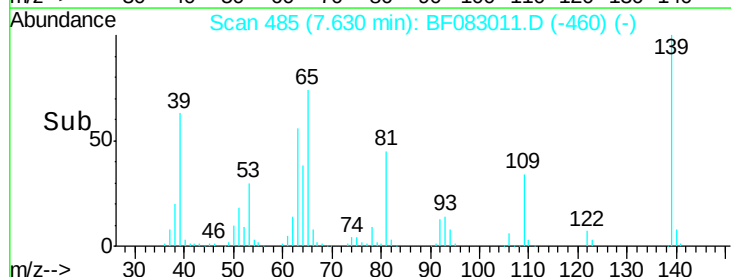
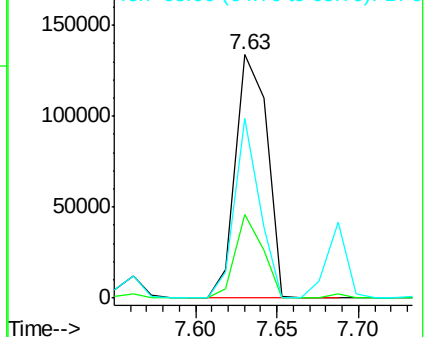
139 100

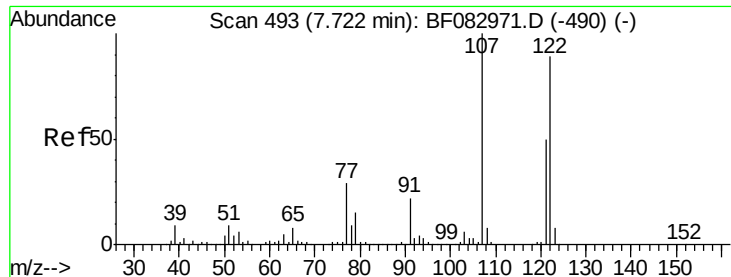
109 34.4 37.6 56.4#

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

ClientSampled :

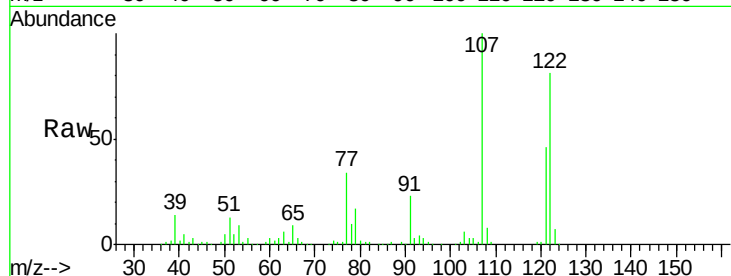
Tot Ion:122 Resp: 328776

Ion Ratio Lower Upper

122 100

107 123.7 106.0 159.0

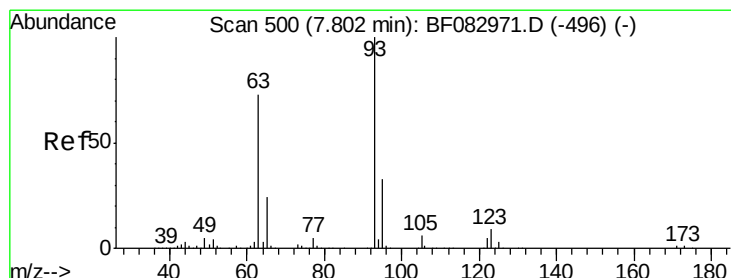
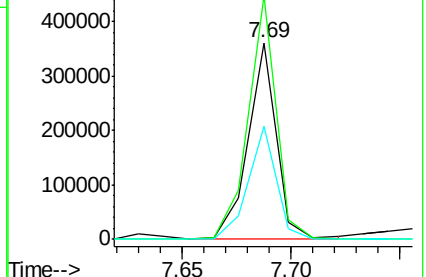
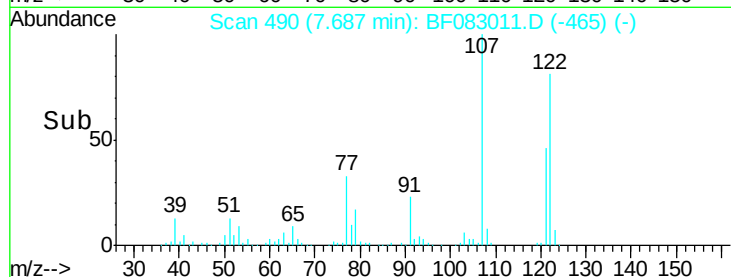
121 57.2 46.7 70.1



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

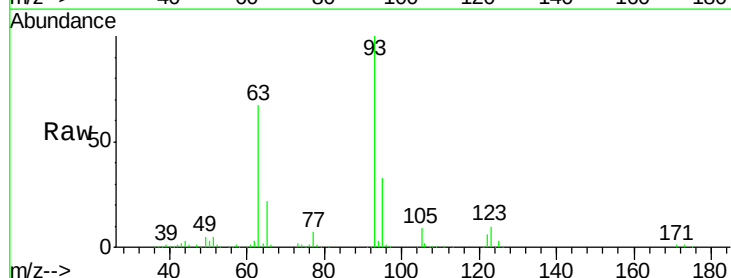
Tgt Ion: 93 Resp: 501056

Ion Ratio Lower Upper

93 100

95 33.3 26.6 40.0

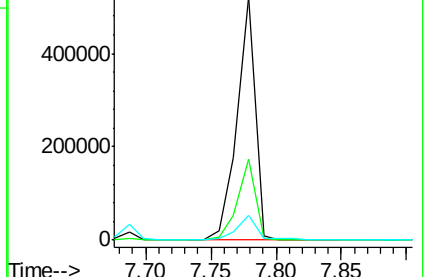
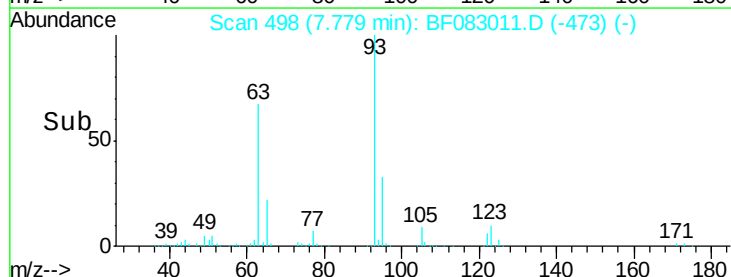
123 10.3 9.7 14.5

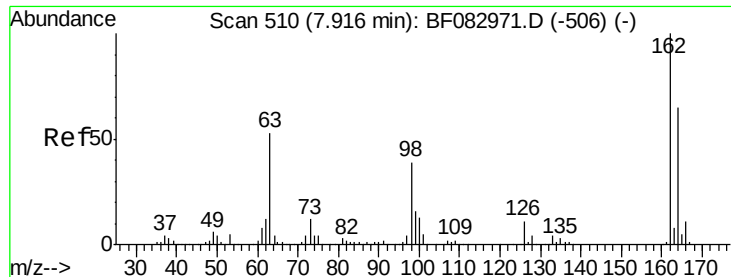


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

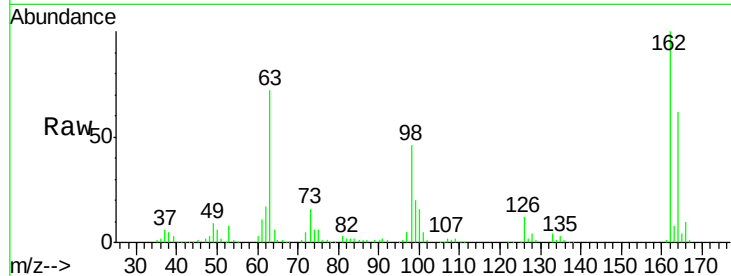




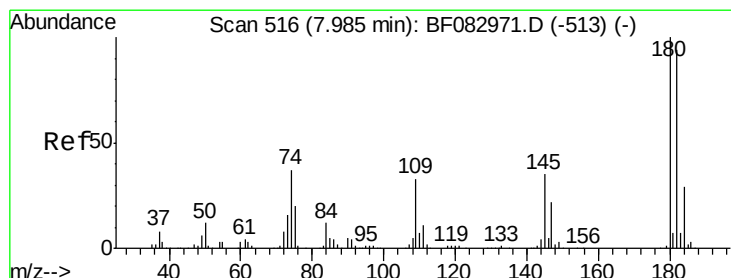
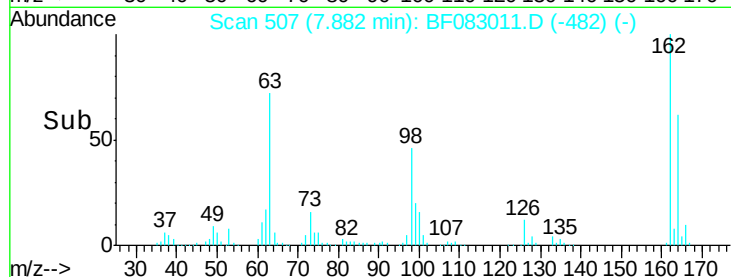
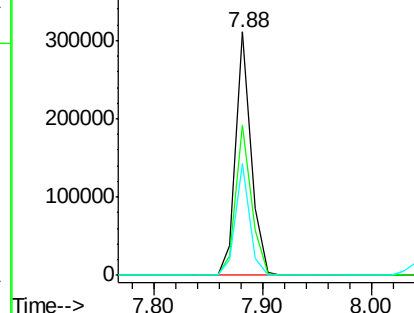
#29
2,4-Dichlorophenol
Concen: 31.68 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :

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

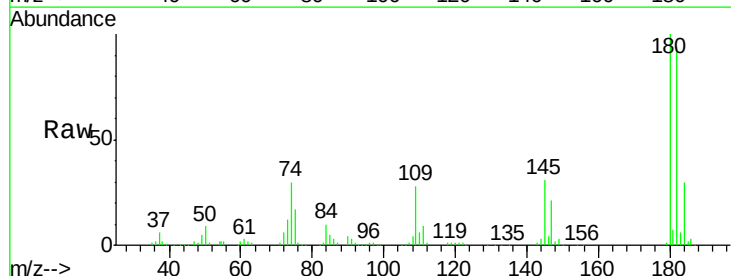


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

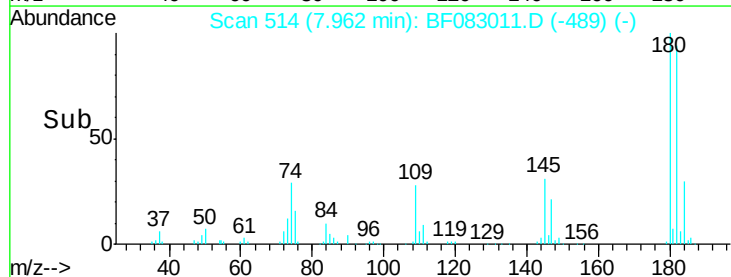
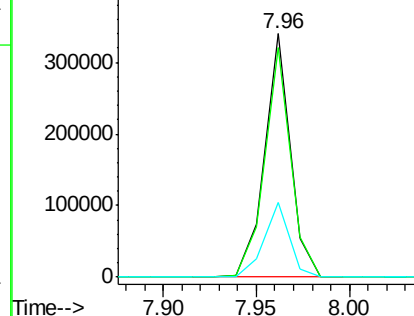


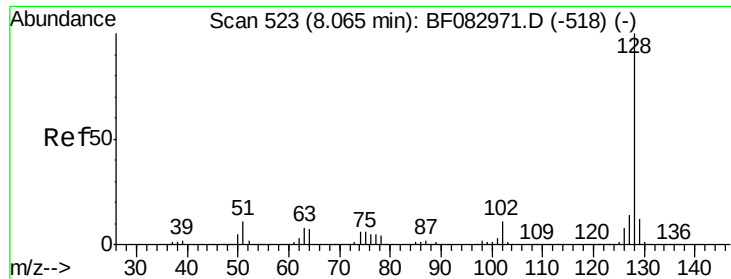
#30
1,2,4-Trichlorobenzene
Concen: 30.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

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

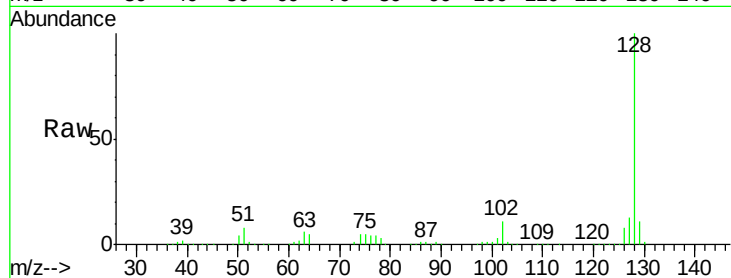




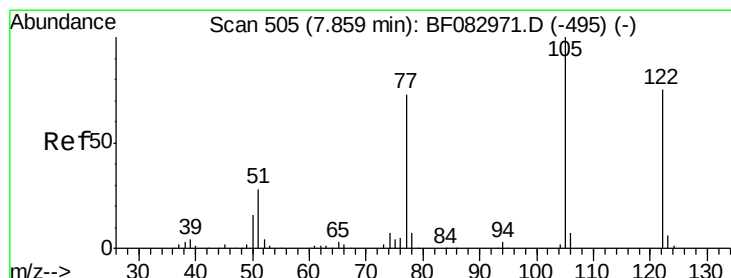
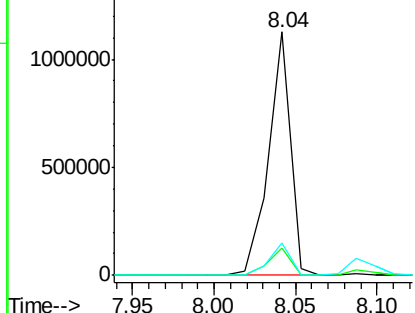
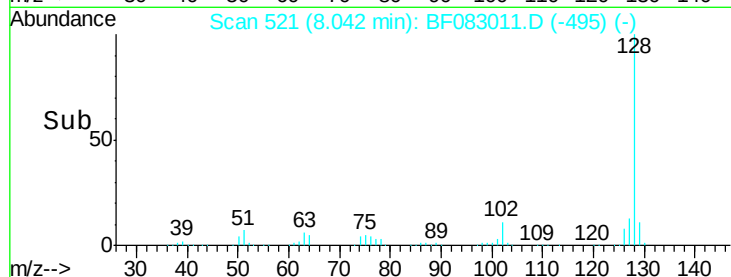
#31
Naphthalene
Concen: 31.94 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :

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

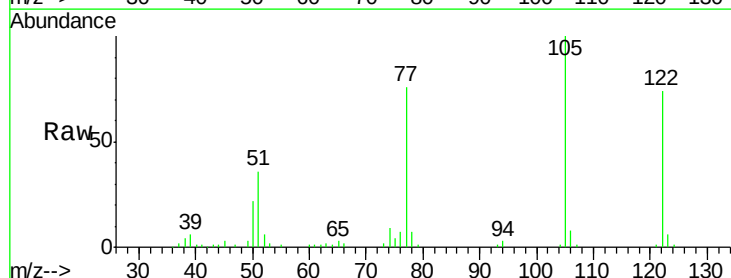


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

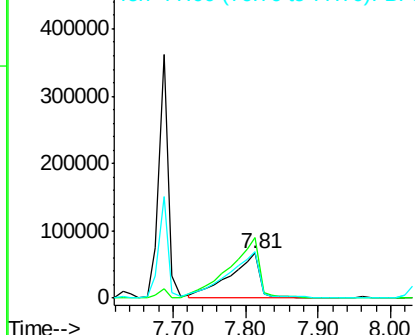
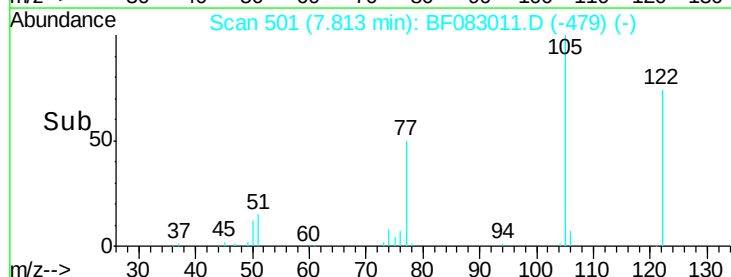


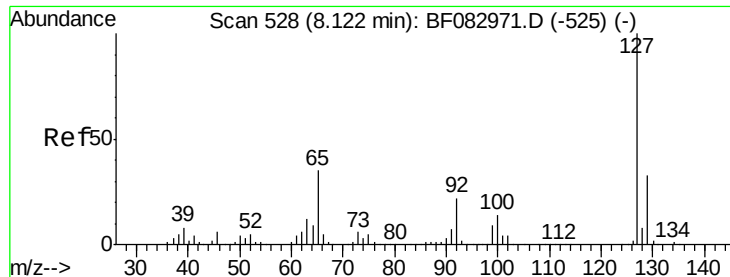
#32
Benzoic acid
Concen: 26.61 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

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

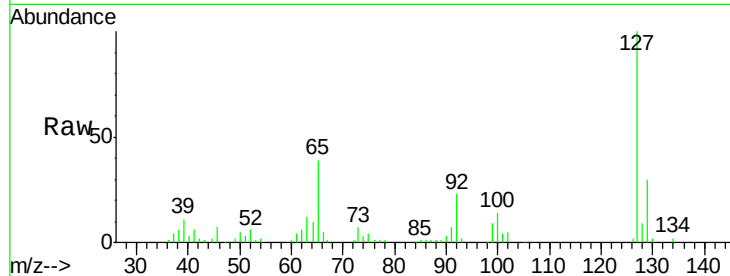




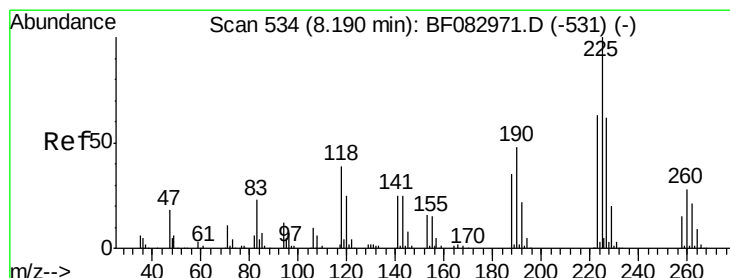
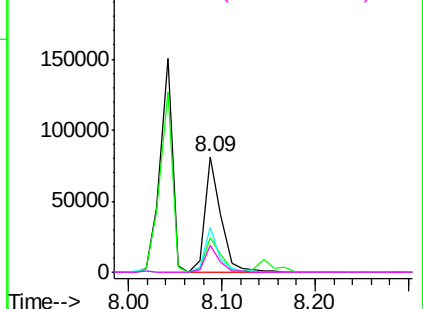
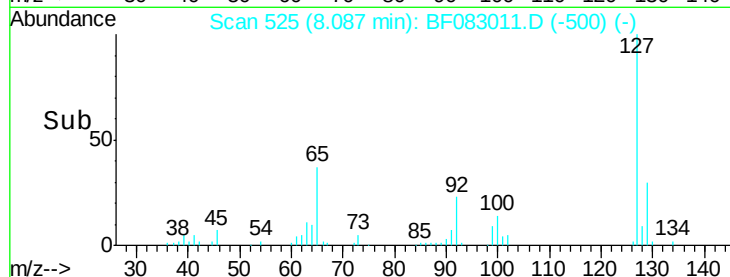
#33
4-Chloroaniline
Concen: 6.90 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampled :

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

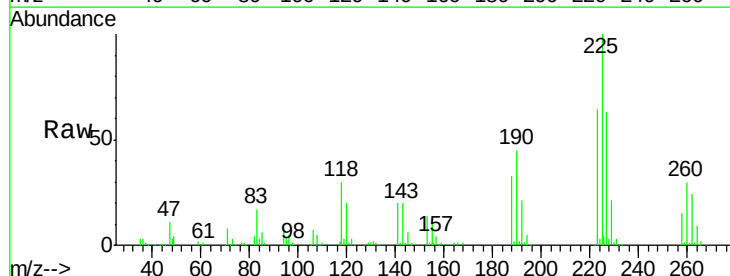


Abundance Ion 127.00 (126.70 to 127.70): E

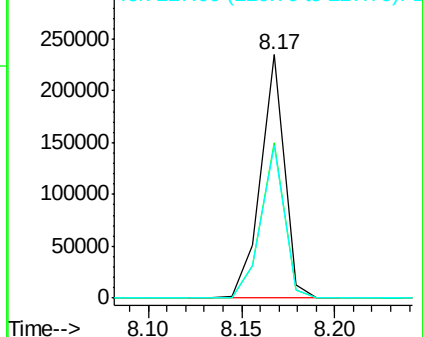
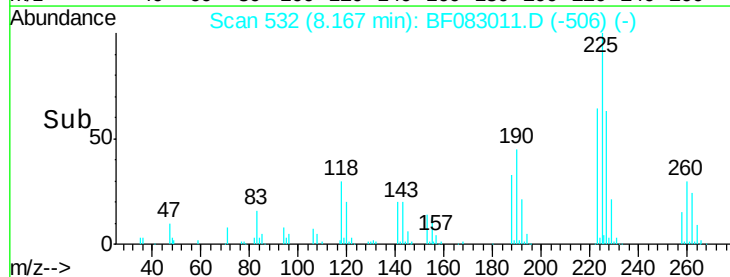


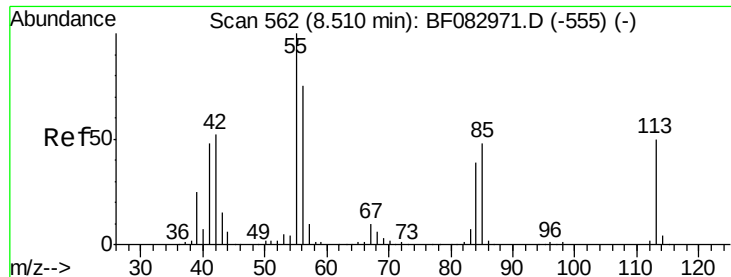
#34
Hexachlorobutadiene
Concen: 30.55 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

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





#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 :

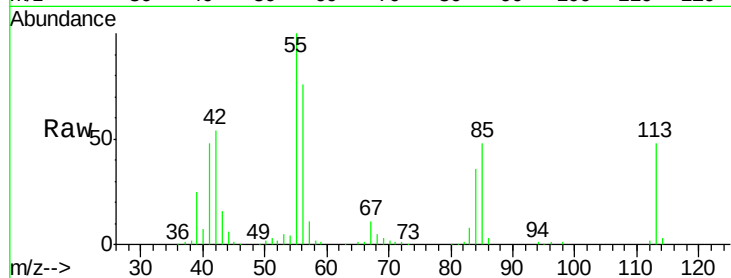
Tot Ion:113 Resp: 63746

Ion Ratio Lower Upper

113 100

55 209.0 195.5 235.5

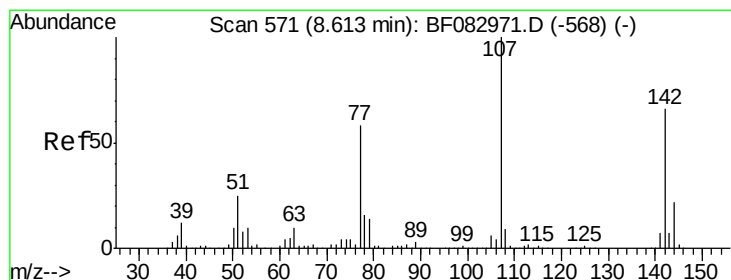
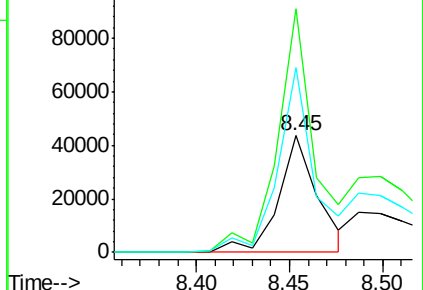
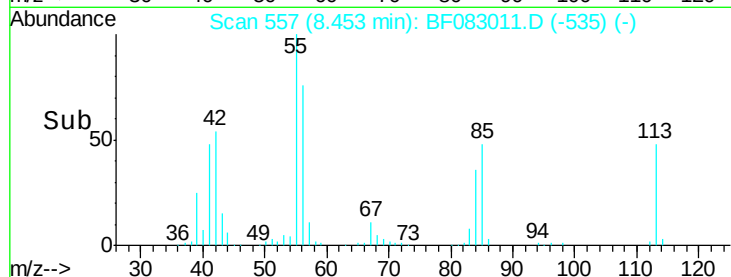
56 158.2 153.5 193.5



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

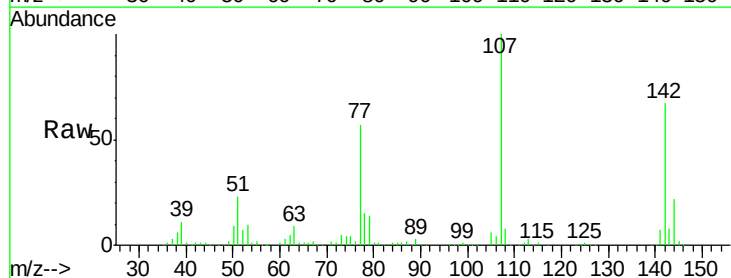
Tgt Ion:107 Resp: 347635

Ion Ratio Lower Upper

107 100

144 21.5 15.4 23.0

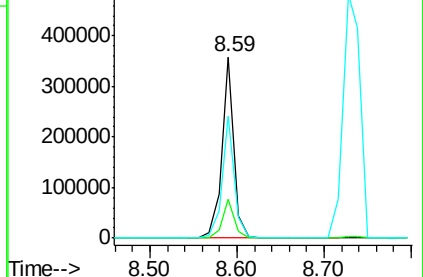
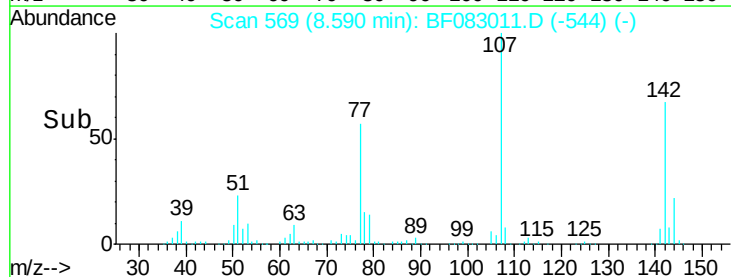
142 67.2 47.8 71.8

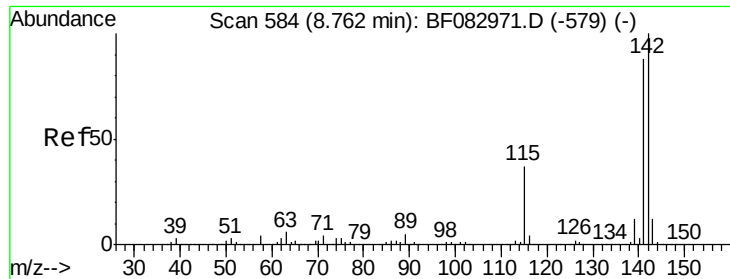


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

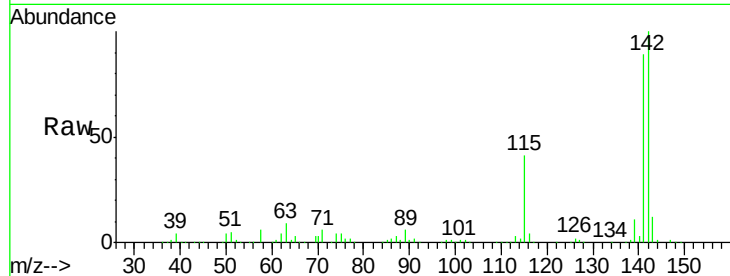




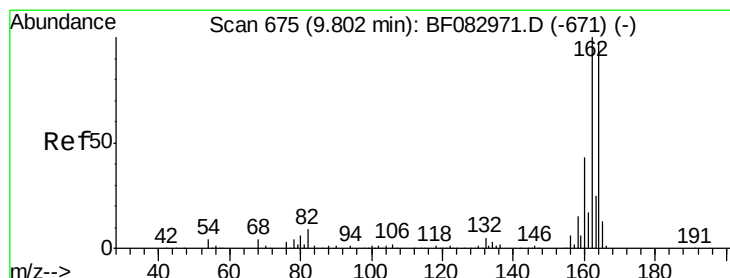
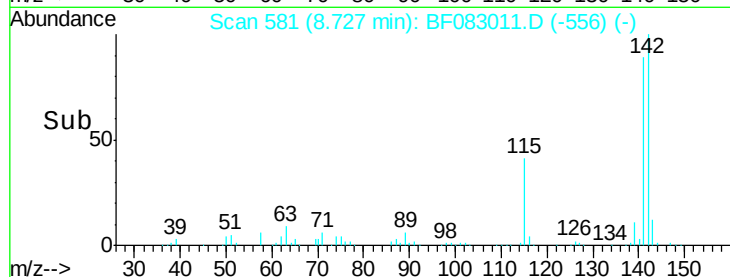
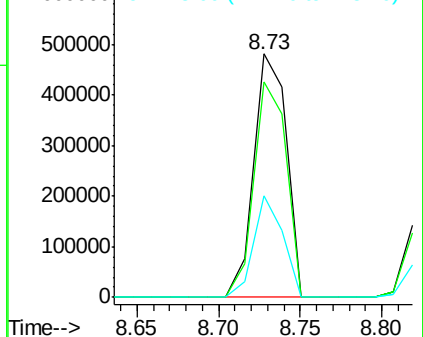
#37
2-Methylnaphthalene
Concen: 31.22 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :

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

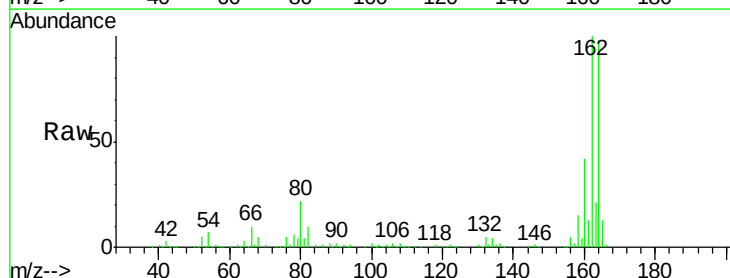


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

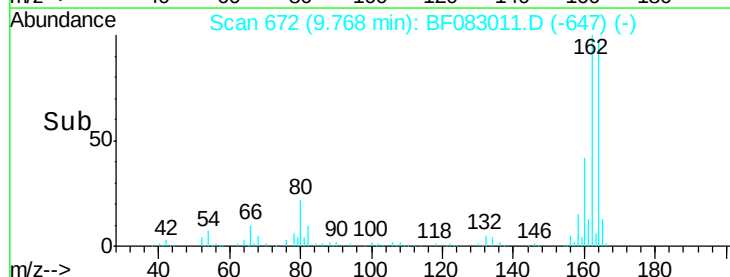
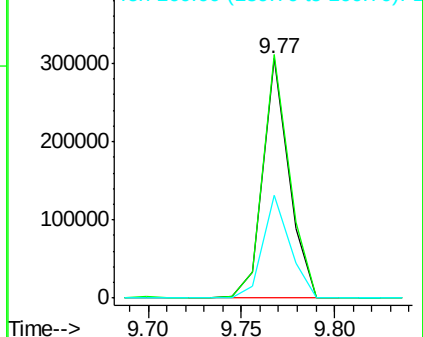


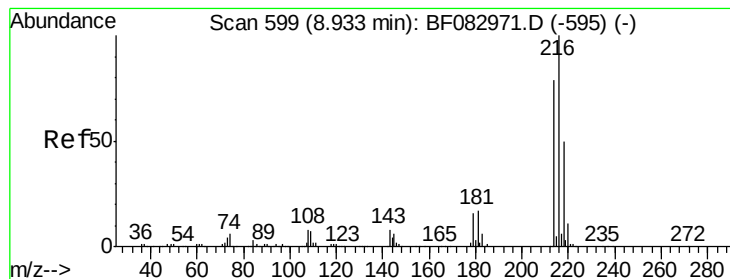
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

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

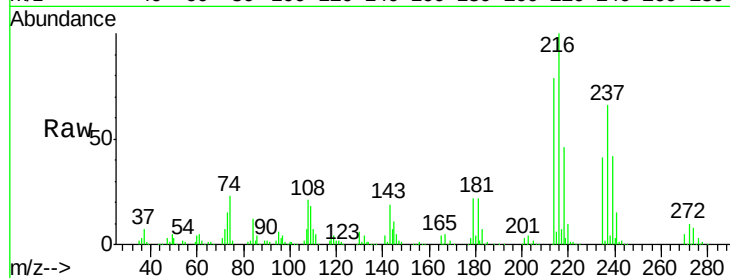
Acq: 18 Nov 2015 15:36

Instrument :

BNA_F

ClientSampled :

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

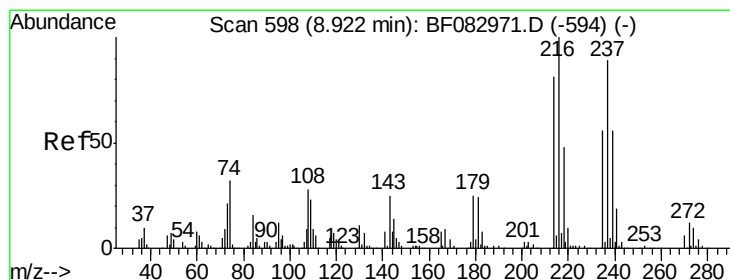
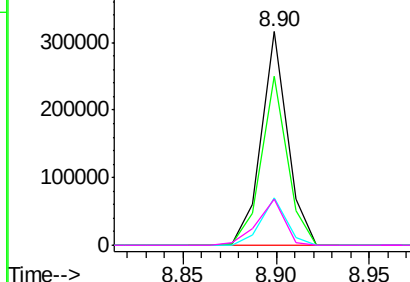
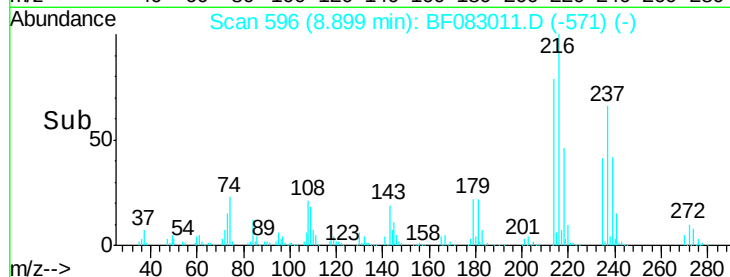


Abundance Ion 216.00 (215.70 to 216.70): E

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

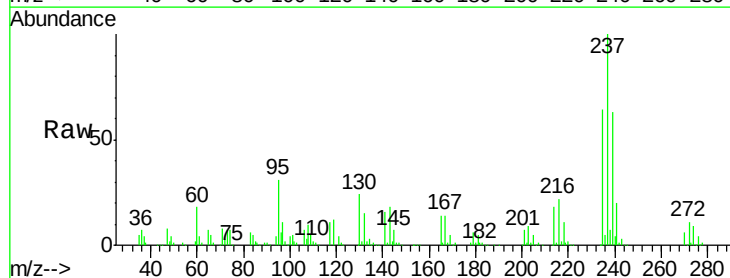
RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF083011.D

Acq: 18 Nov 2015 15:36

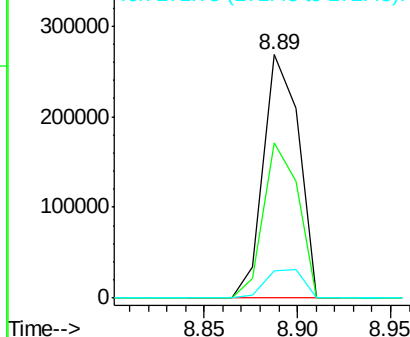
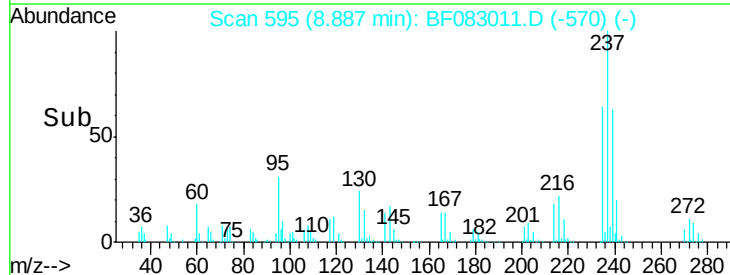
Tgt Ion:	237	Resp:	351029
Ion Ratio		Lower	Upper
237	100		
235	63.6	44.3	84.3
272	11.3	0.0	31.9

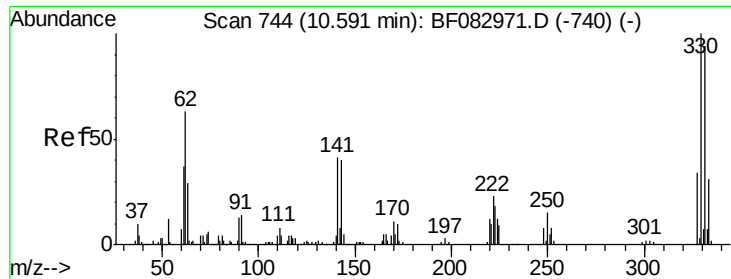


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

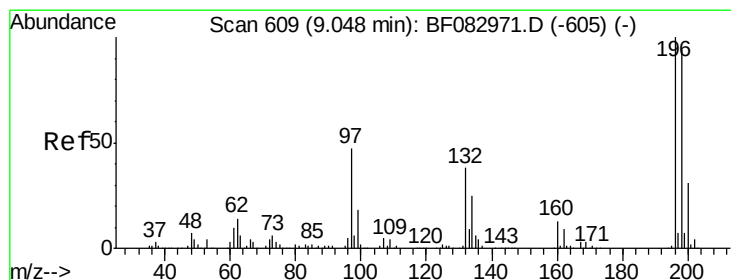
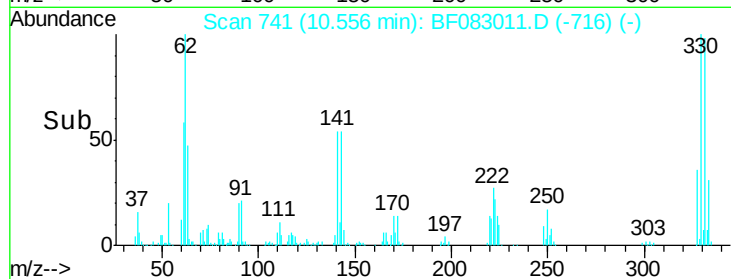
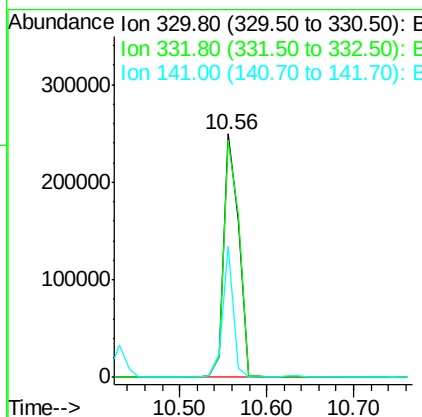
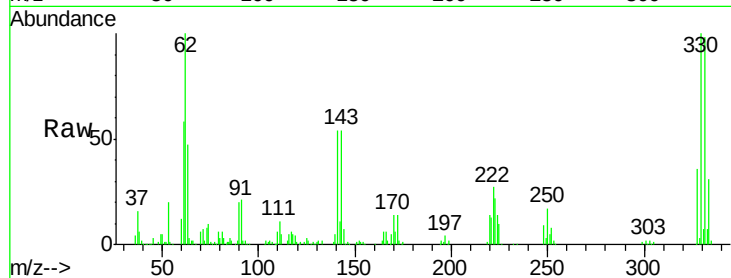




#41
 2,4,6-Tribromophenol
 Concen: 89.00 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

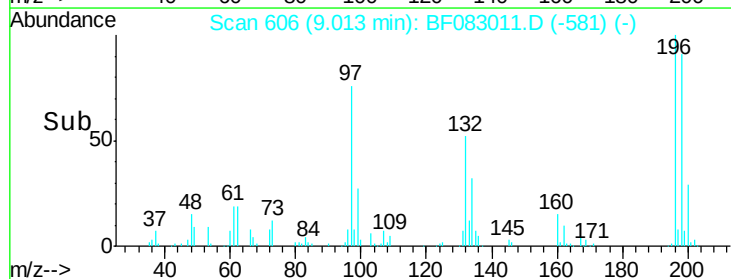
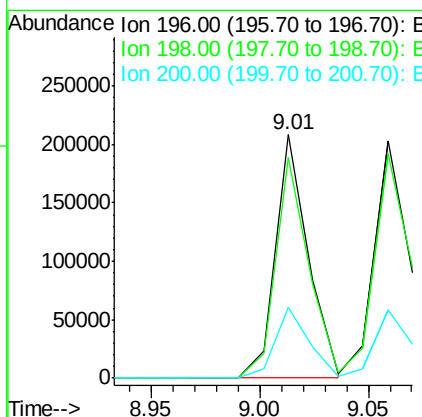
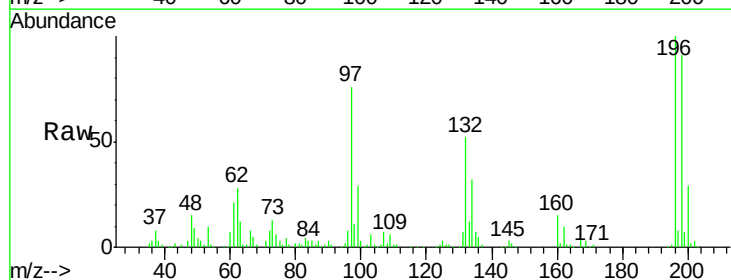
Instrument :
 BNA_F
 ClientSampleId :

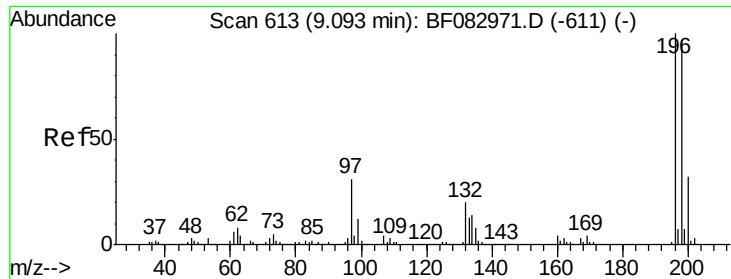
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.8	76.6	114.8
141	39.0	41.2	61.8#



#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

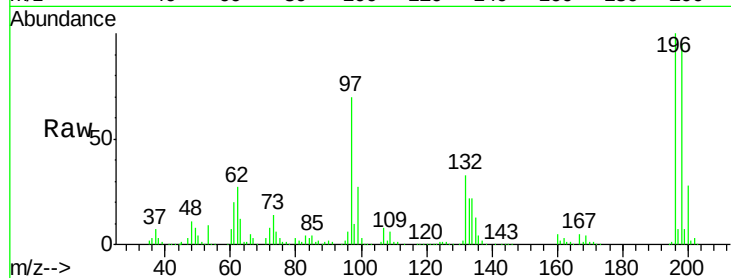




#43
2,4,5-Trichlorophenol
Concen: 31.43 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :

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



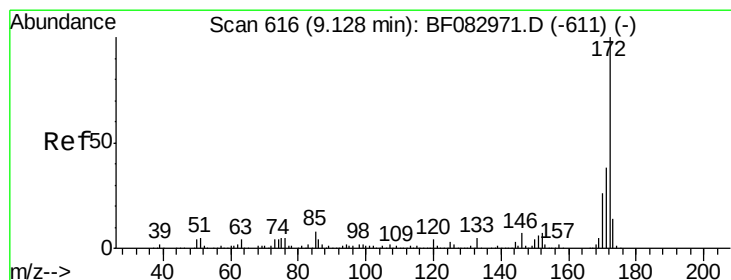
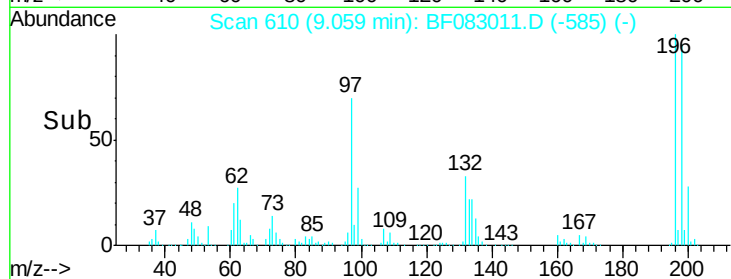
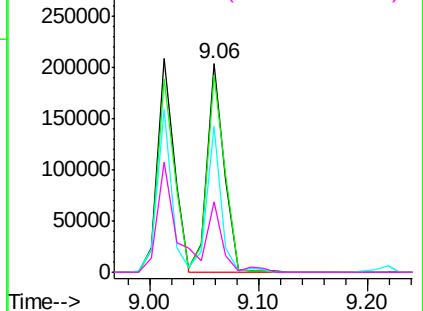
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

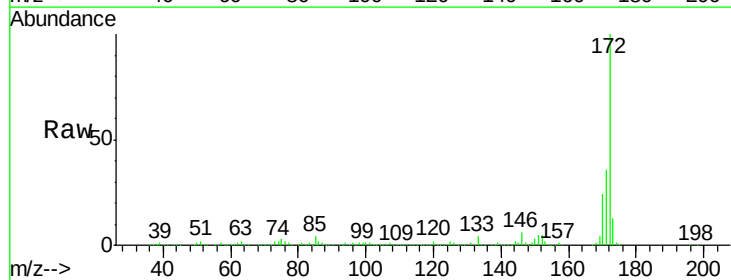
Ion 97.00 (96.70 to 97.70): BF0

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

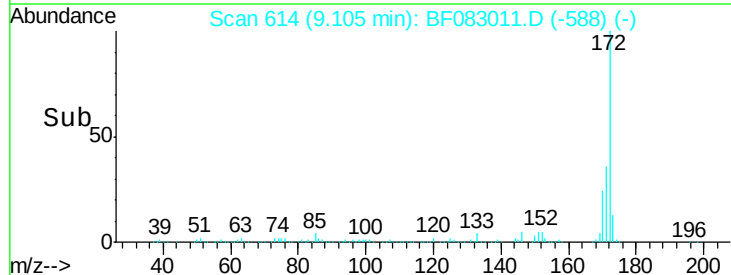
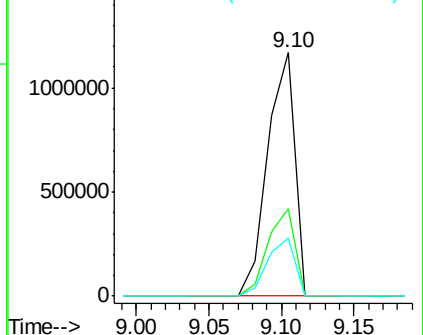


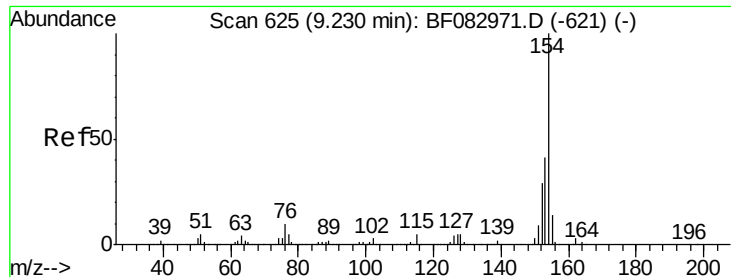
Abundance

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

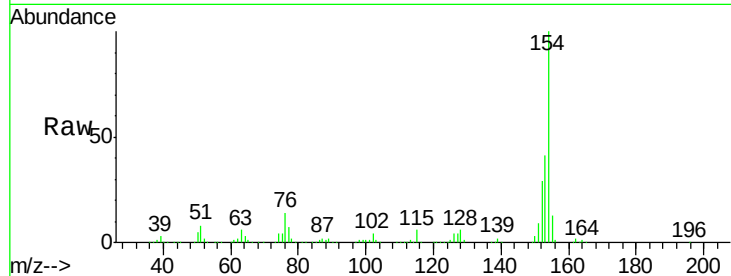




#45
 1,1'-Biphenyl
 Concen: 31.97 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :

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

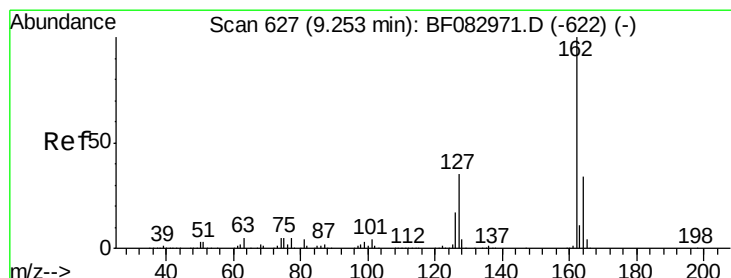
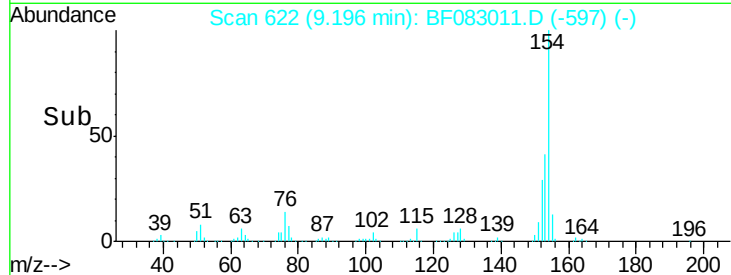
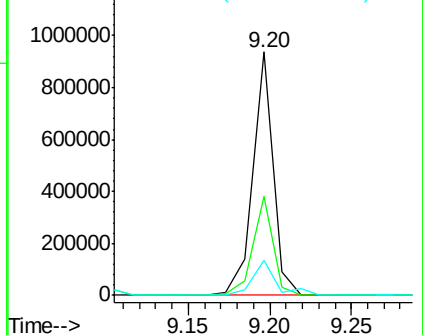


Abundance

Ion 154.00 (153.70 to 154.70): E

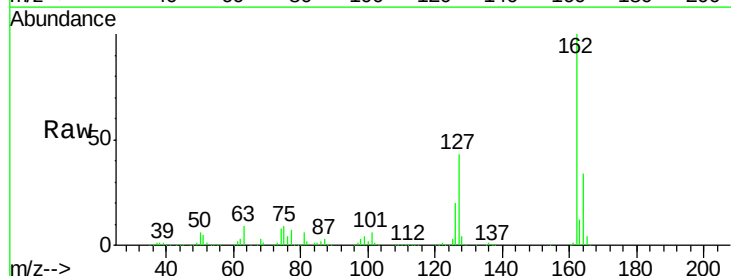
Ion 153.00 (152.70 to 153.70): E

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

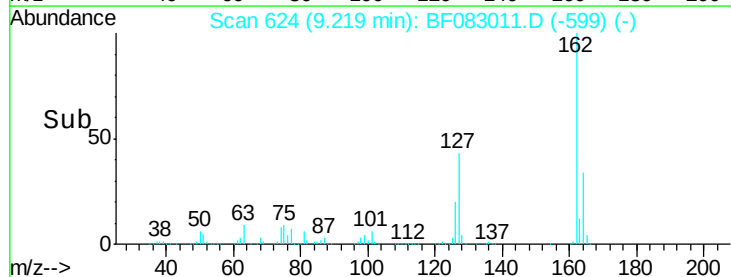
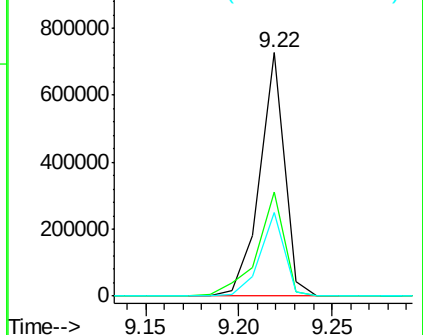


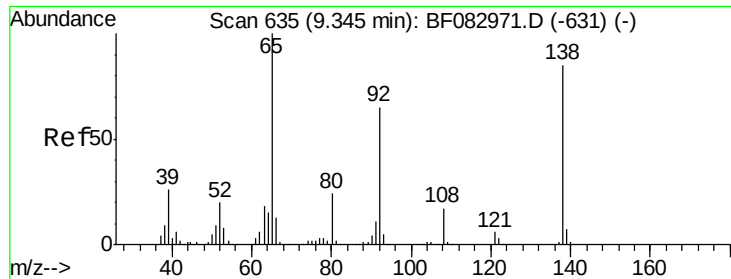
Abundance

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

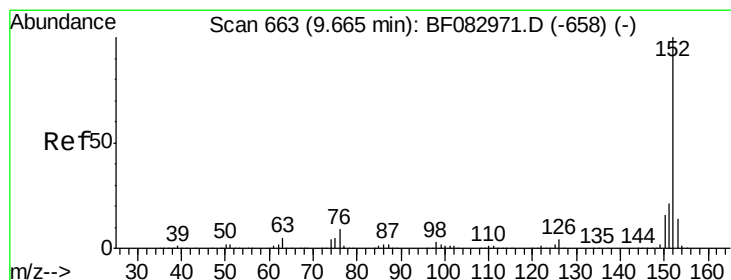
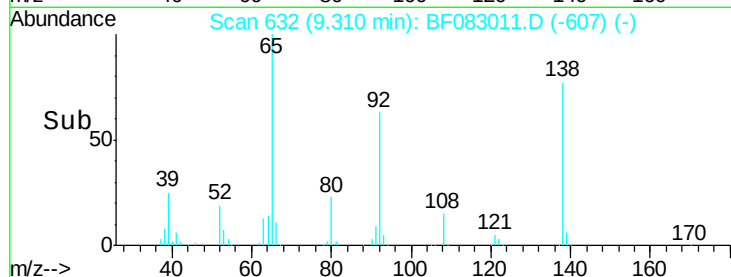
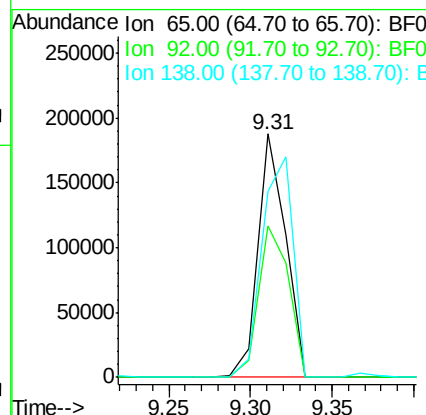
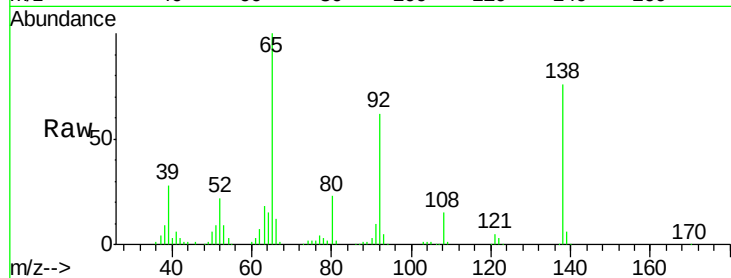




#47
2-Nitroaniline
Concen: 30.19 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

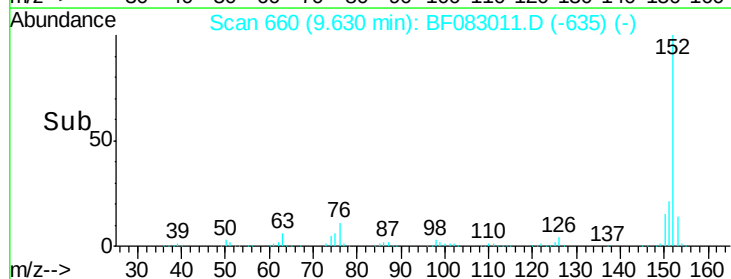
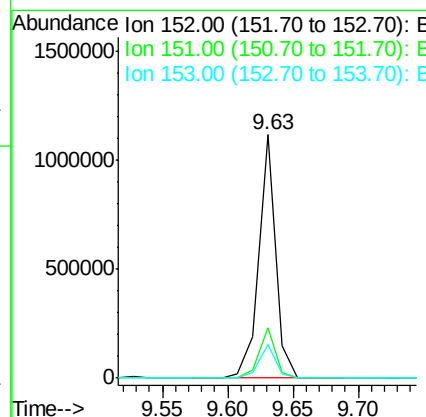
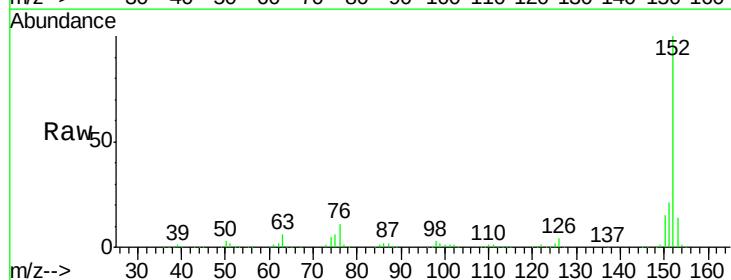
Instrument :
BNA_F
ClientSampleId :

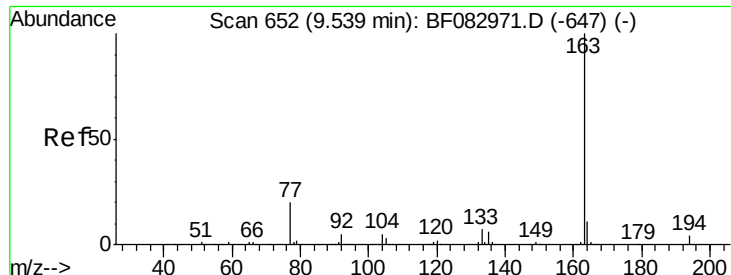
Tot Ion: 65 Resp: 220794
Ion Ratio Lower Upper
65 100
92 62.0 46.6 70.0
138 76.3 54.6 81.8



#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

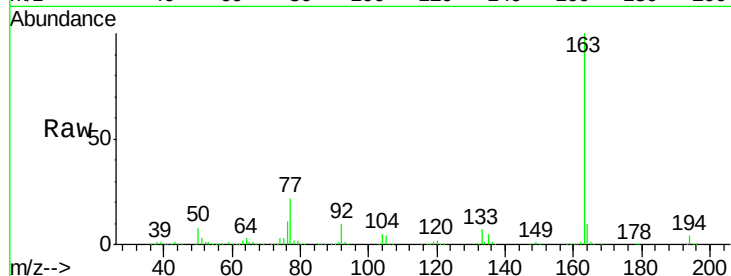




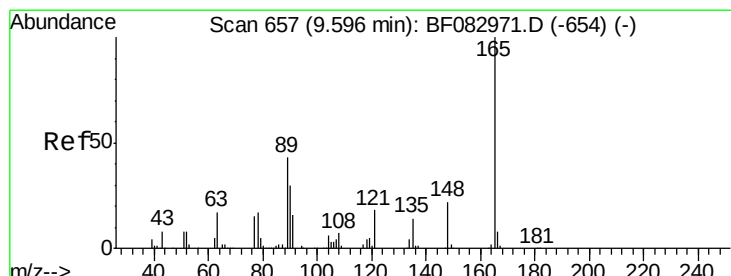
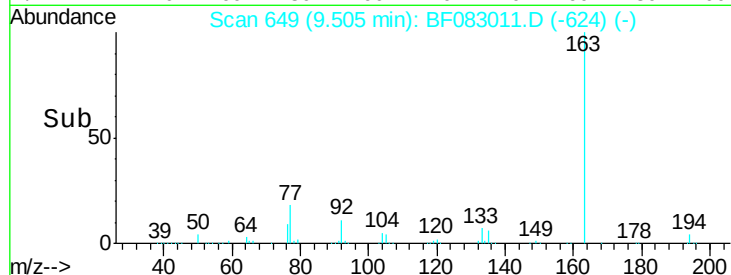
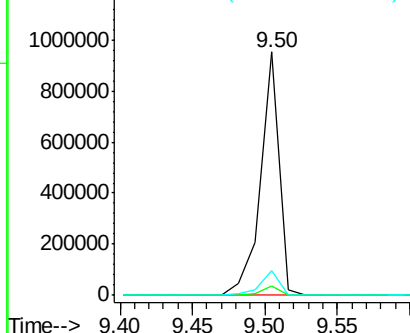
#49
Dimethylphthalate
Concen: 35.03 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :

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

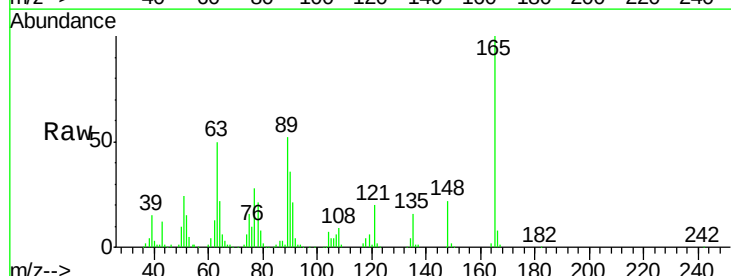


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

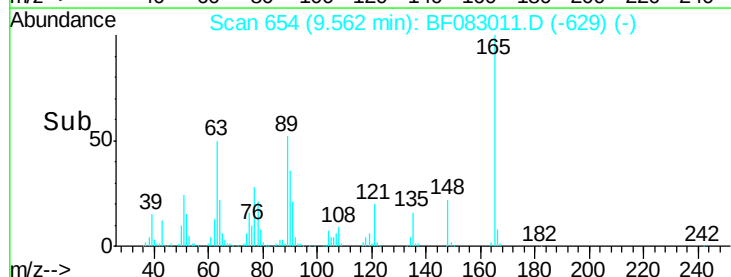
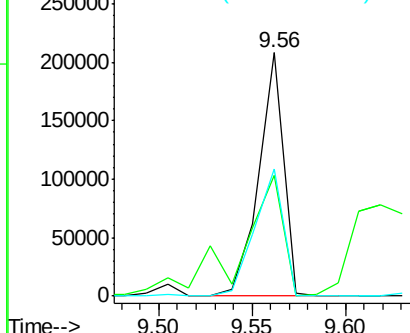


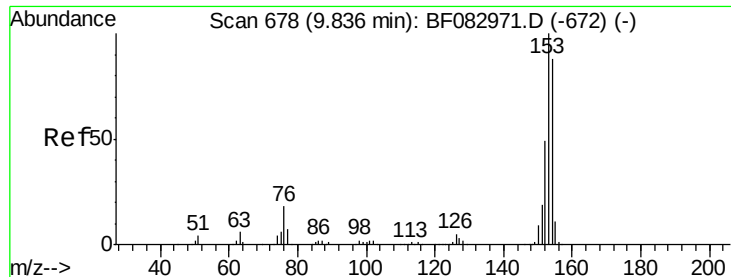
#50
2,6-Dinitrotoluene
Concen: 36.98 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

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

ClientSampled :

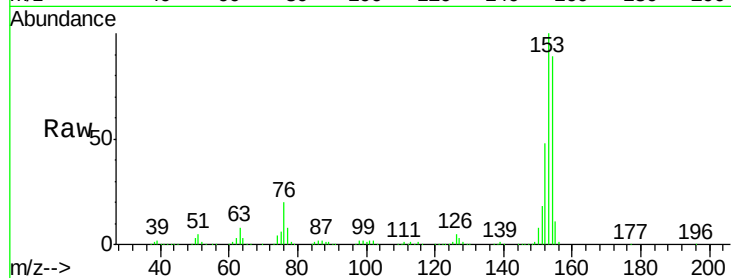
Tot Ion:154 Resp: 716300

Ion Ratio Lower Upper

154 100

153 112.9 90.1 135.1

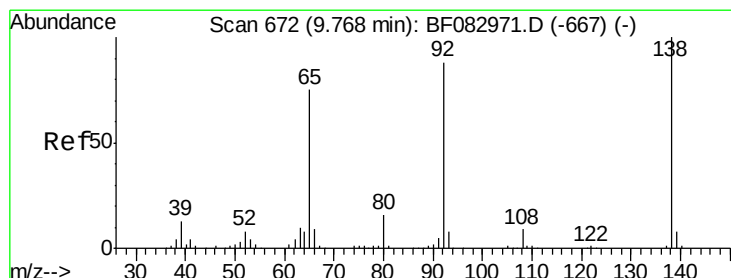
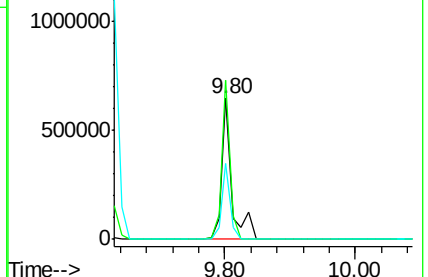
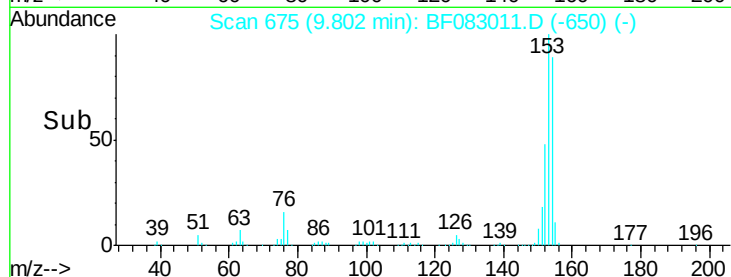
152 54.1 44.3 66.5



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

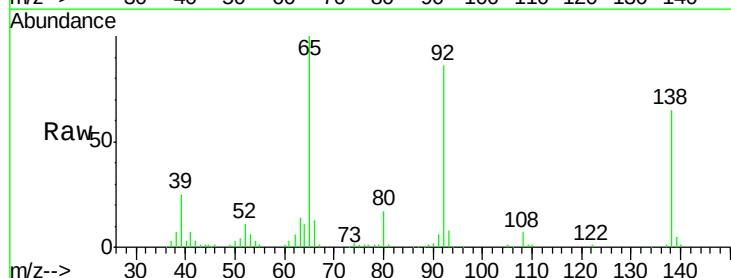
Tgt Ion:138 Resp: 78762

Ion Ratio Lower Upper

138 100

108 11.3 11.3 16.9#

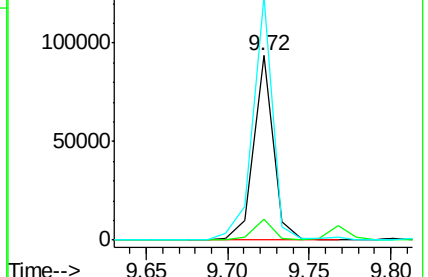
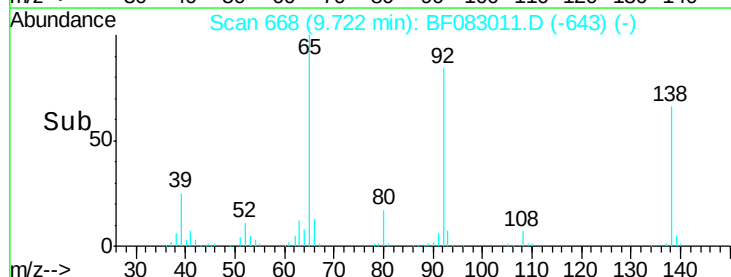
92 132.1 122.4 183.6

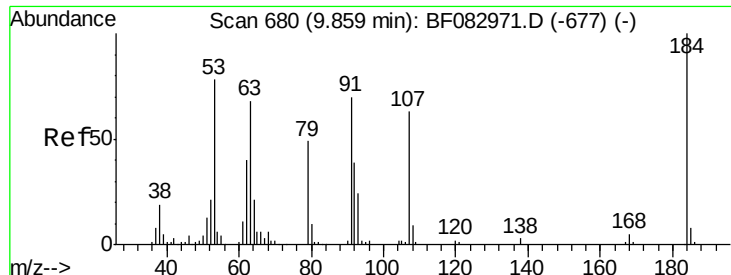


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

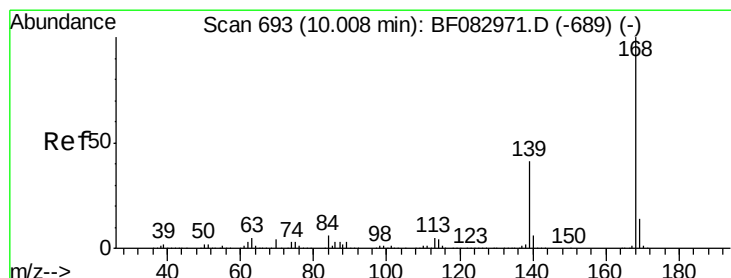
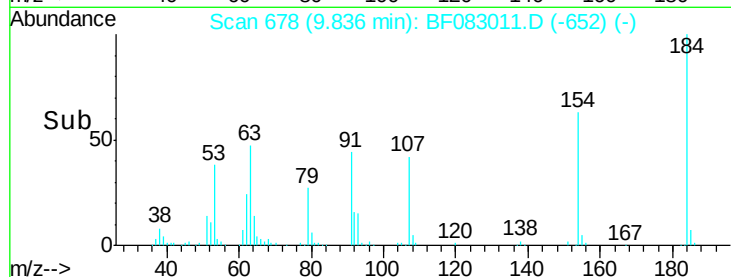
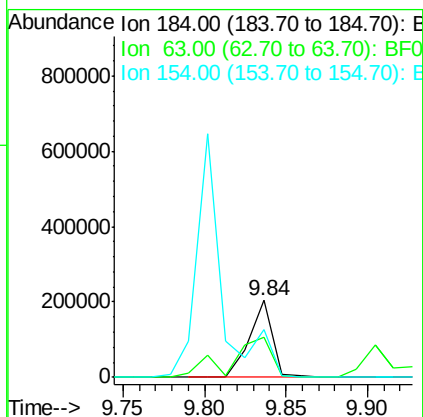
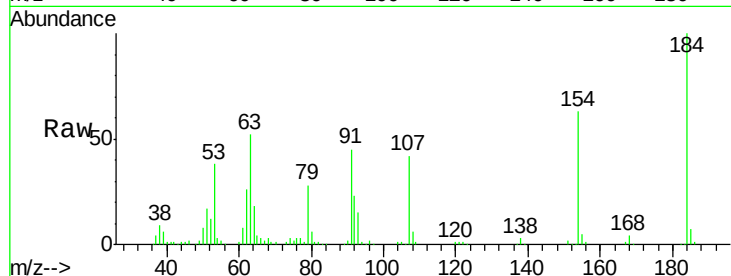




#53
 2,4-Dinitrophenol
 Concen: 71.01 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

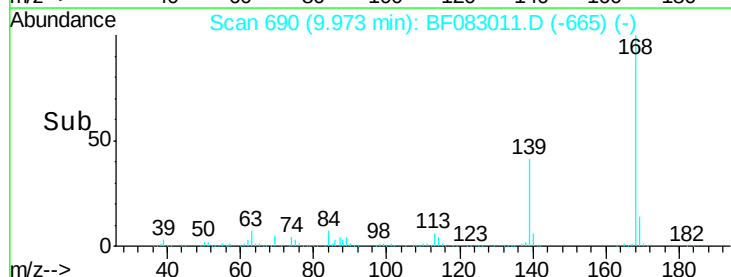
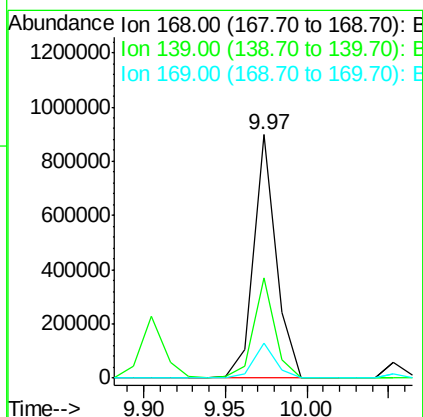
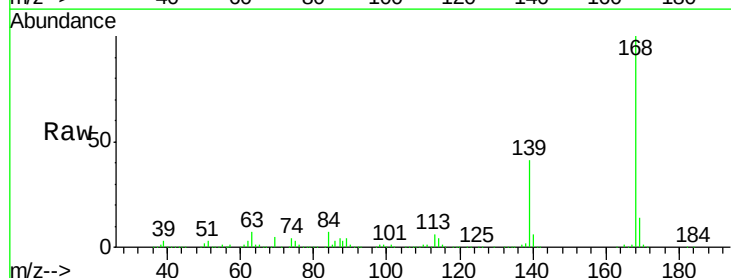
Instrument :
 BNA_F
 ClientSampleId :

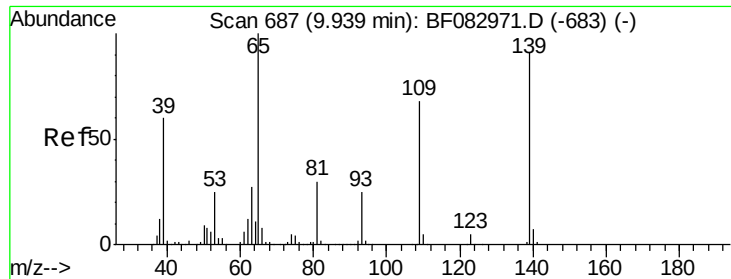
Tot Ion:184 Resp: 200795
 Ion Ratio Lower Upper
 184 100
 63 52.0 98.6 148.0#
 154 62.7 183.9 275.9#



#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

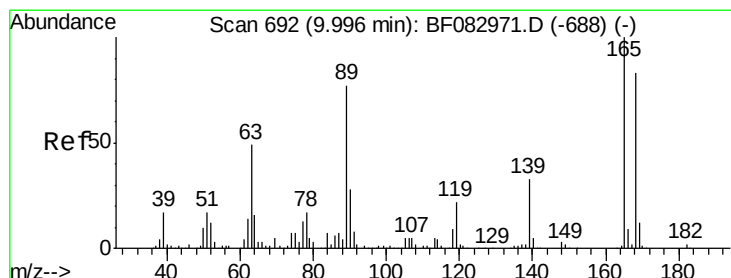
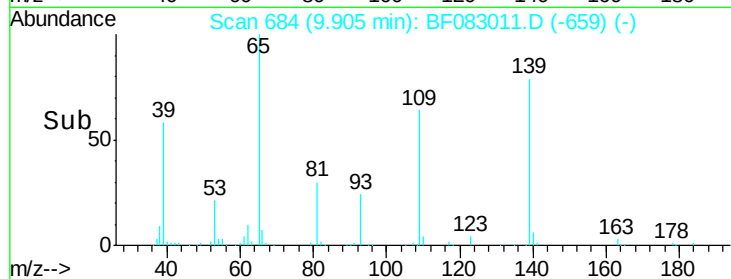
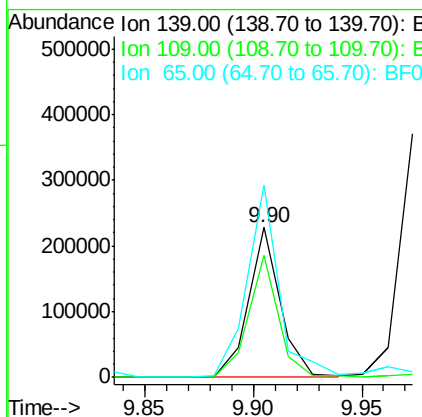
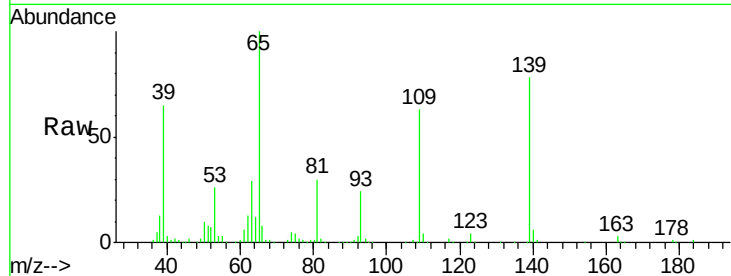




#55
4-Nitrophenol
Concen: 53.76 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

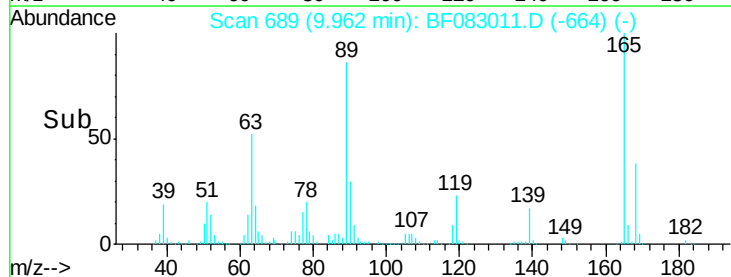
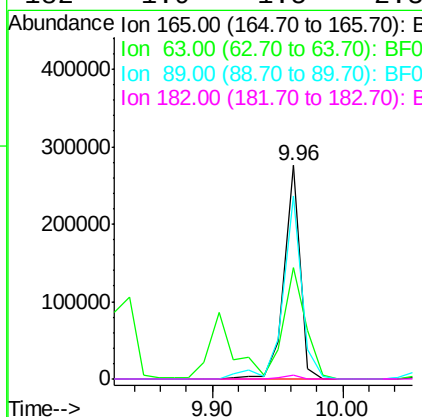
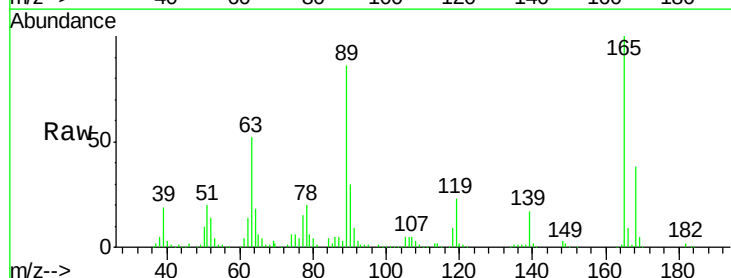
Instrument :
BNA_F
ClientSampled :

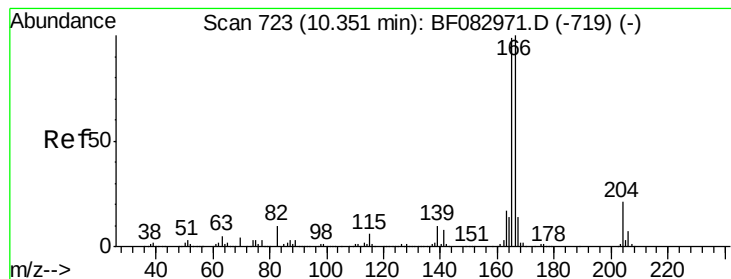
Tot Ion:139 Resp: 233602
Ion Ratio Lower Upper
139 100
109 81.4 73.7 113.7
65 128.6 82.9 122.9#



#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





#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 :

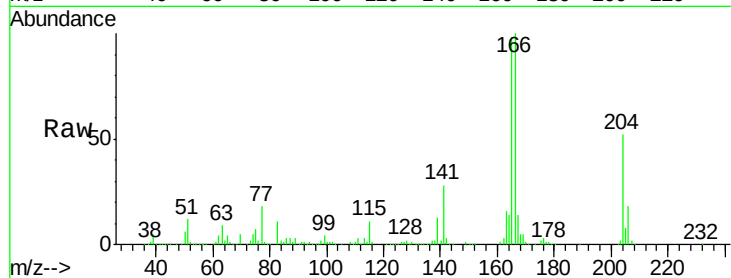
Tot Ion:166 Resp: 706018

Ion Ratio Lower Upper

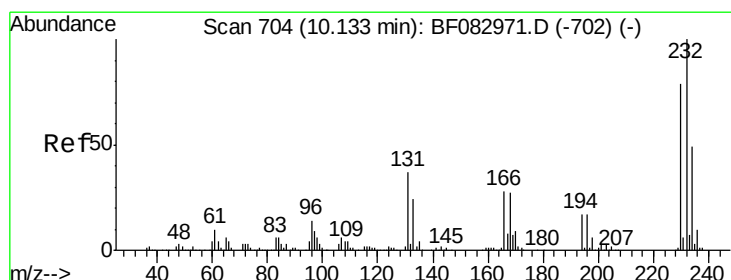
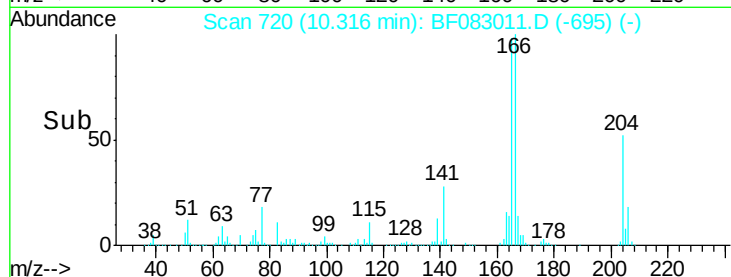
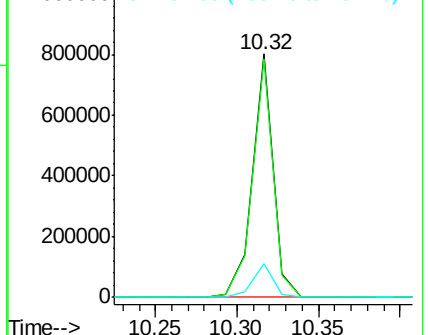
166 100

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

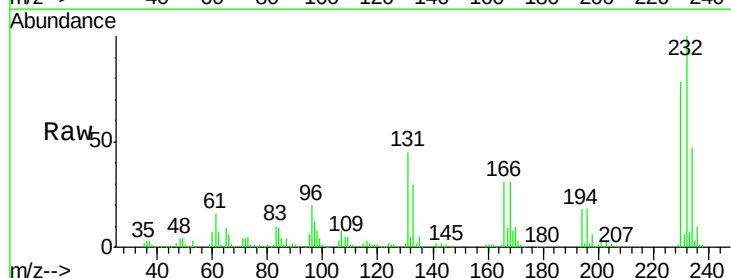
Ion Ratio Lower Upper

232 100

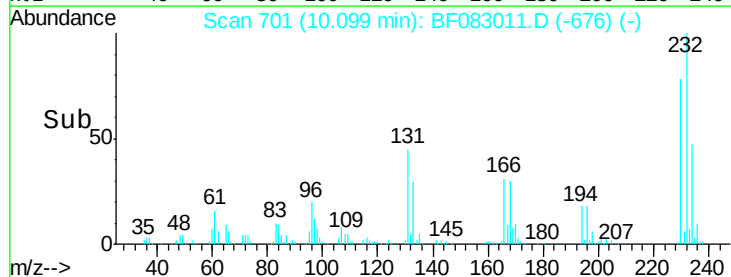
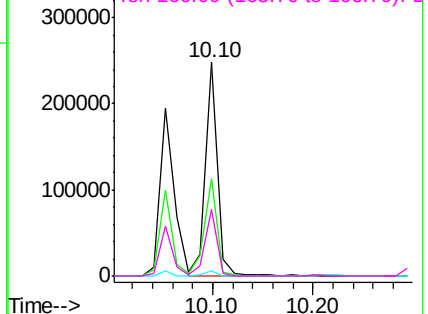
131 47.1 46.2 69.2

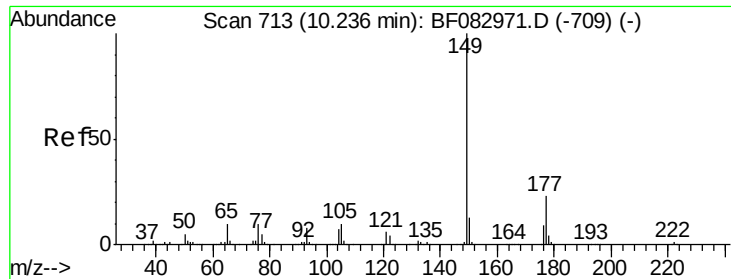
130 2.3 2.4 3.6#

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

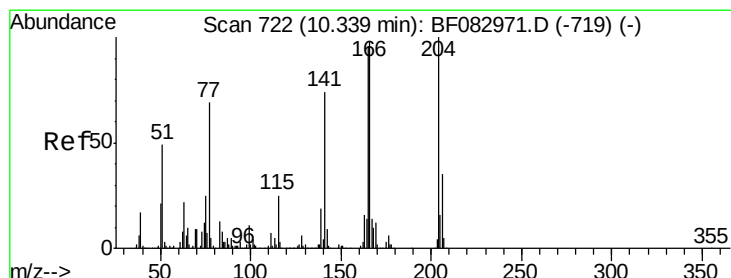
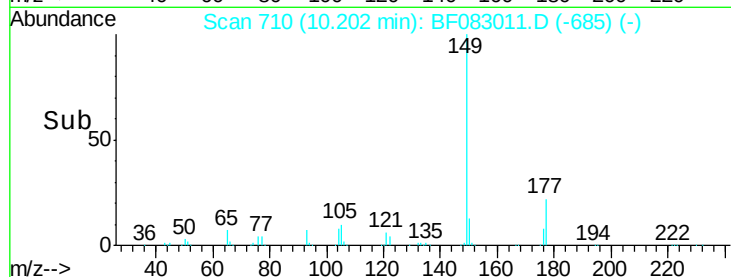
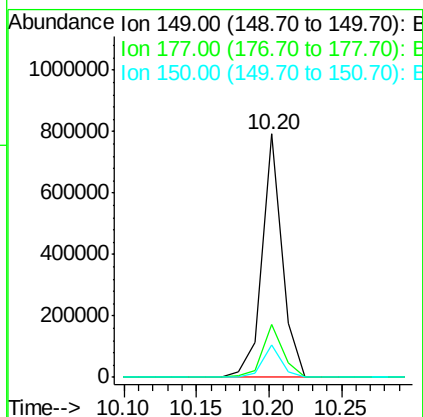
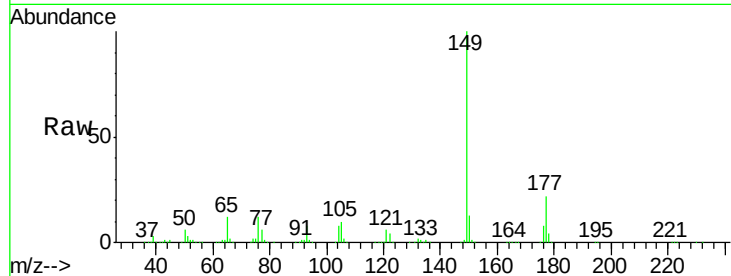




#59
Diethylphthalate
Concen: 31.97 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

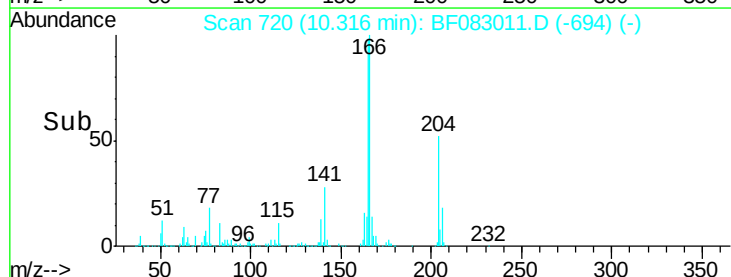
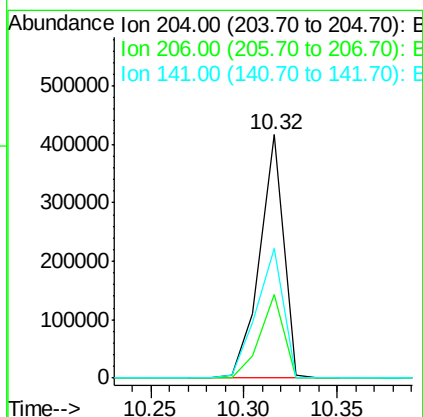
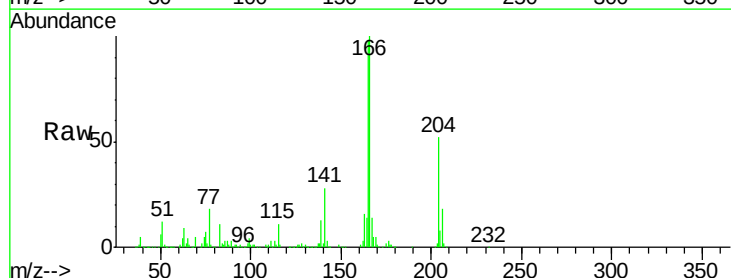
Instrument :
BNA_F
ClientSampleId :

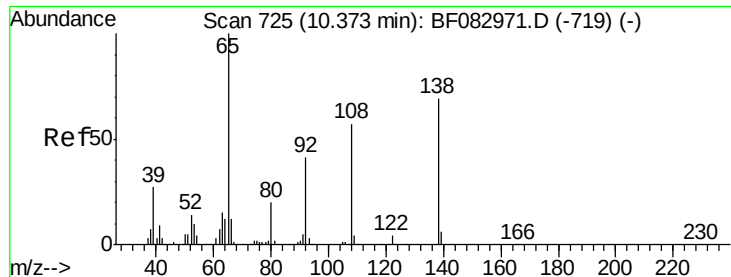
Tot Ion:149 Resp: 753400
Ion Ratio Lower Upper
149 100
177 21.8 17.9 26.9
150 13.2 10.1 15.1



#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

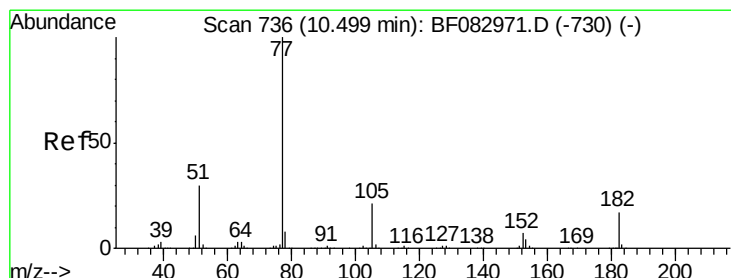
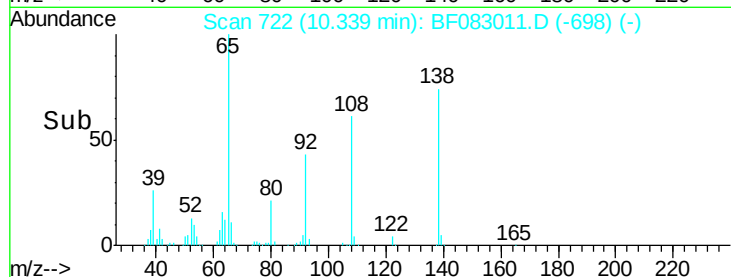
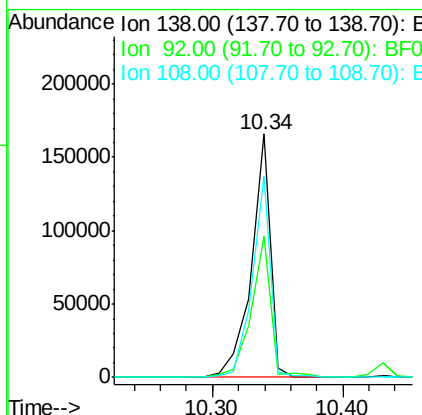
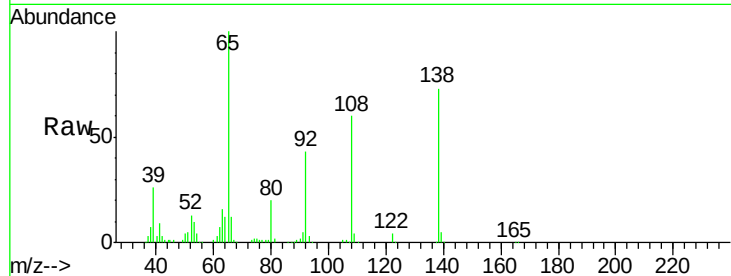




#61
 4-Nitroaniline
 Concen: 29.61 ng
 RT: 10.34 min Scan# 722
 Delta R.T. -0.02 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

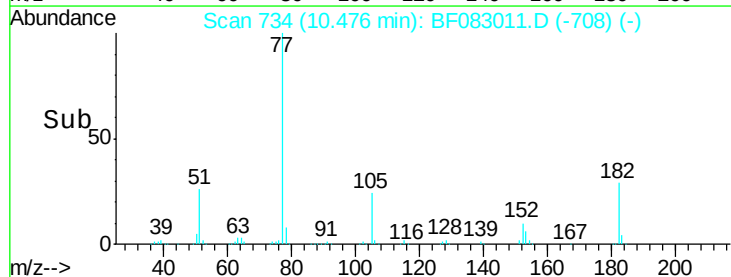
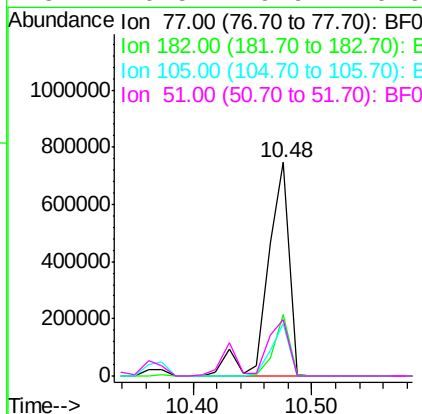
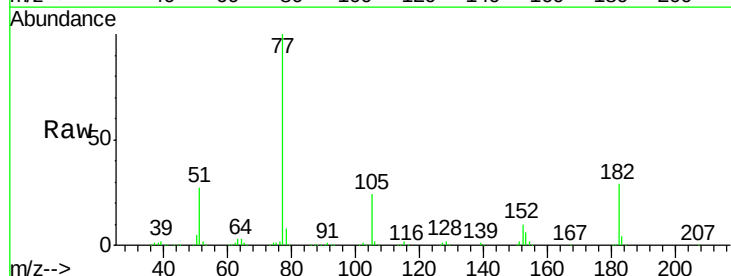
Instrument :
 BNA_F
 ClientSampled :

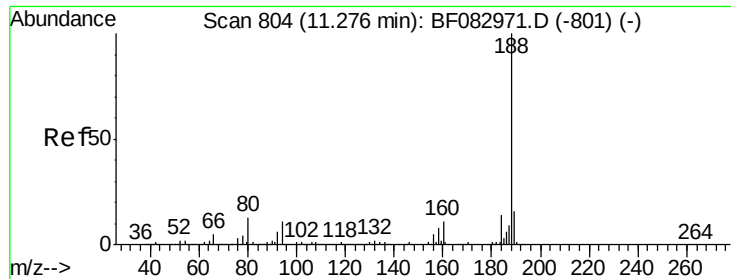
Tot Ion:138 Resp: 168666
 Ion Ratio Lower Upper
 138 100
 92 58.3 45.8 85.8
 108 82.6 89.4 129.4#



#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

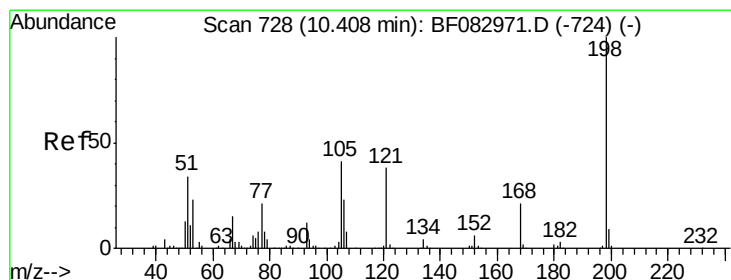
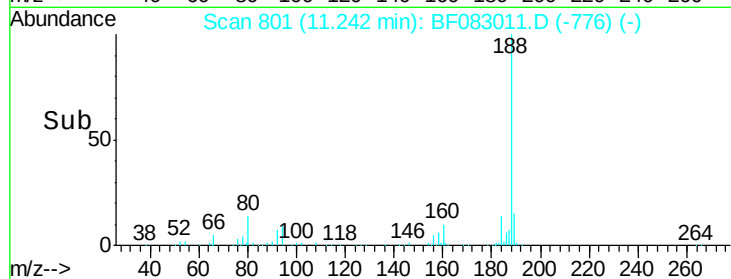
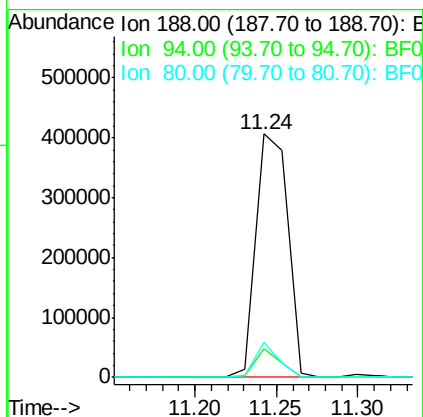
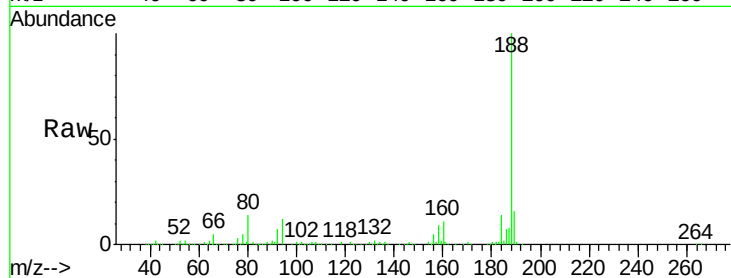




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

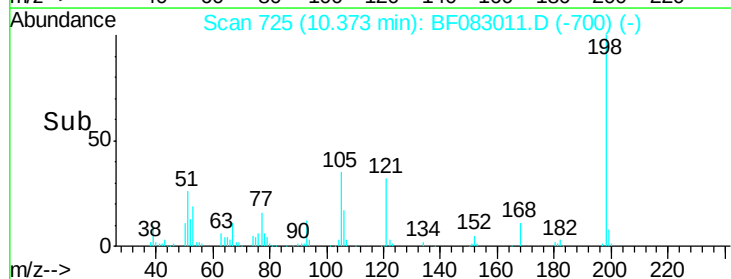
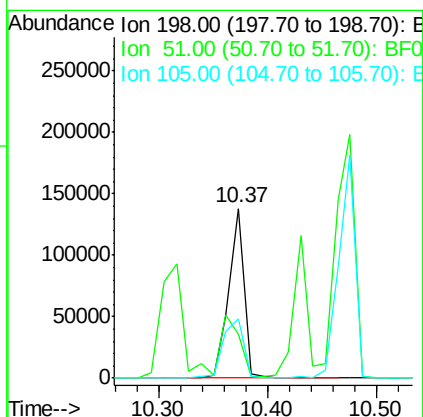
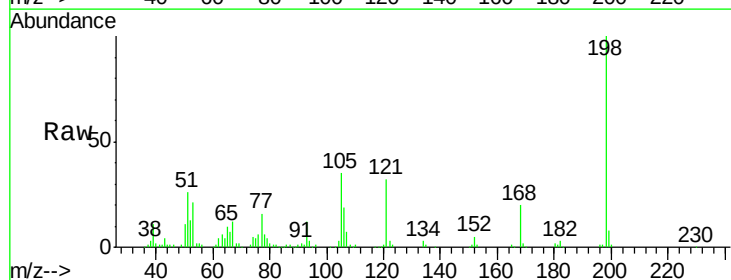
Instrument :
BNA_F
ClientSampled :

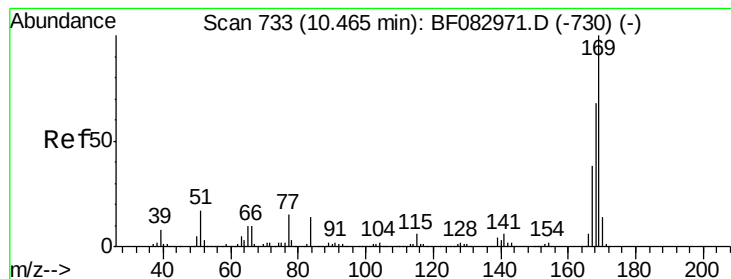
Tot Ion:188 Resp: 554326
Ion Ratio Lower Upper
188 100
94 11.7 6.1 9.1#
80 14.3 7.0 10.6#



#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

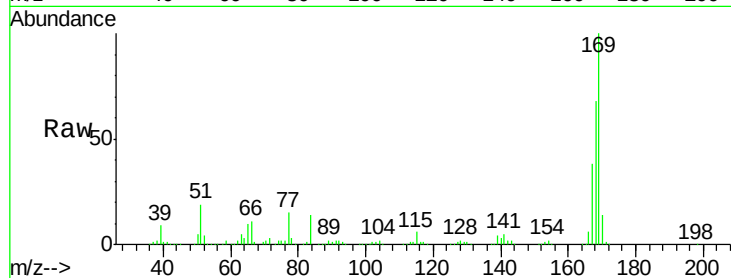




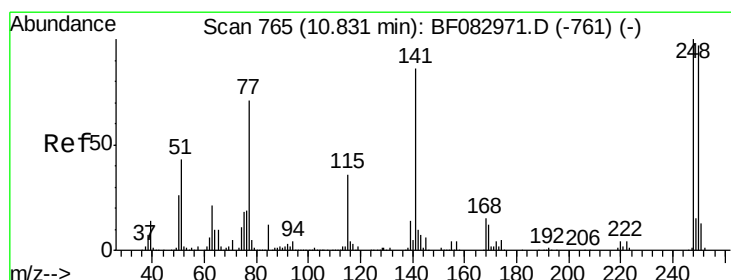
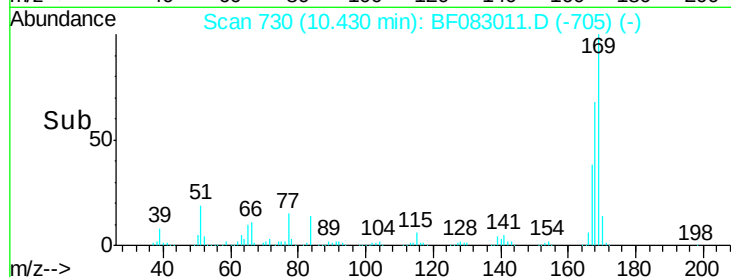
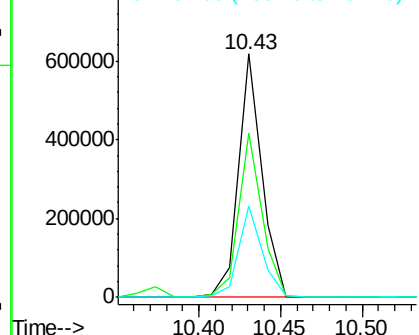
#65
n-Nitrosodiphenylamine
Concen: 30.45 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

Instrument :
BNA_F
ClientSampleId :

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

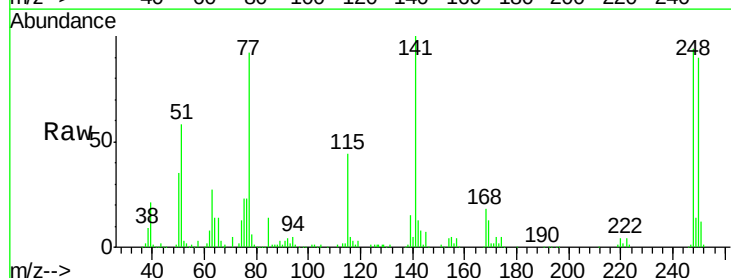


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

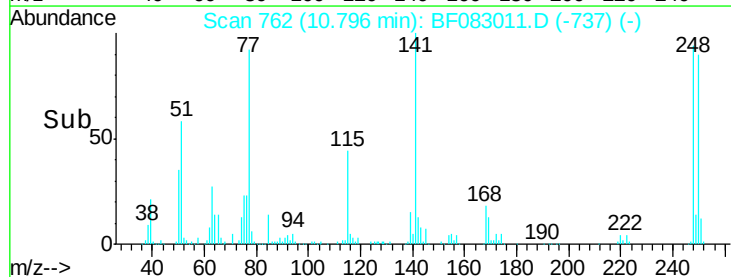
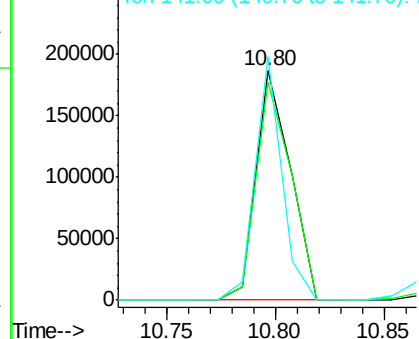


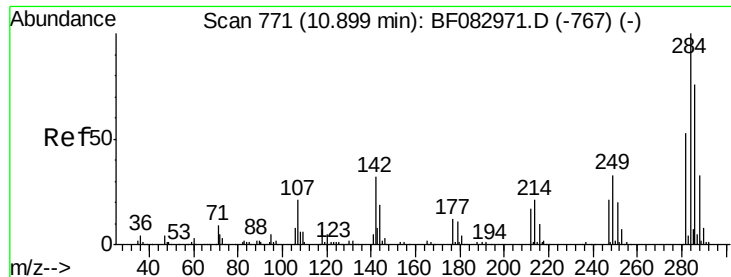
#66
4-Bromophenyl-phenylether
Concen: 30.76 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

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 :

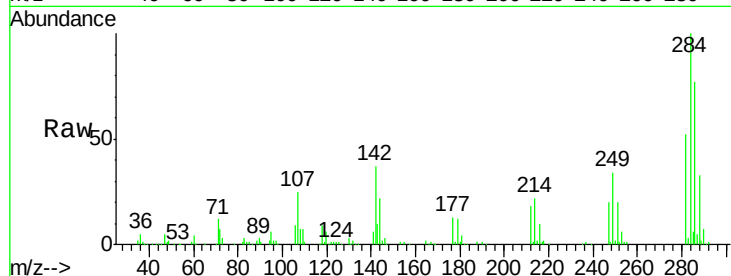
Tot Ion:284 Resp: 233995

Ion Ratio Lower Upper

284 100

142 37.0 47.9 71.9#

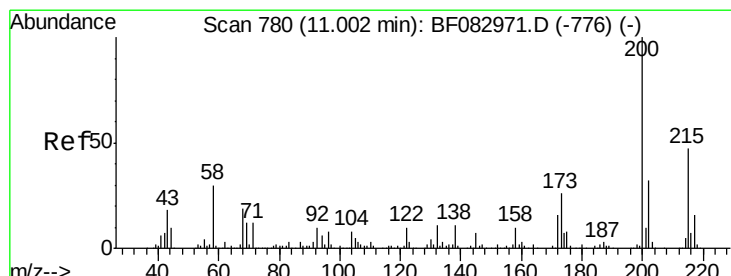
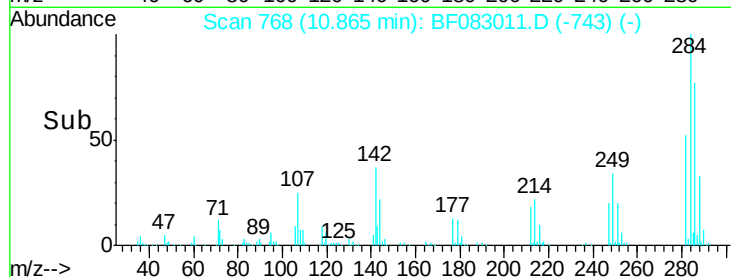
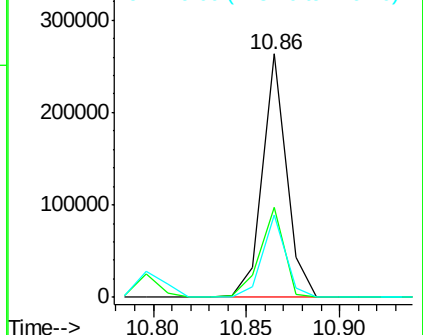
249 33.7 29.7 44.5



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

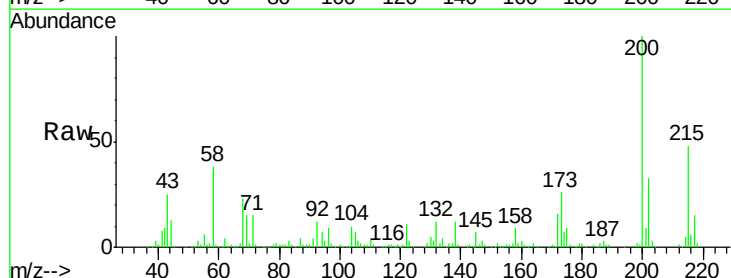
Tgt Ion:200 Resp: 241826

Ion Ratio Lower Upper

200 100

173 25.7 6.9 46.9

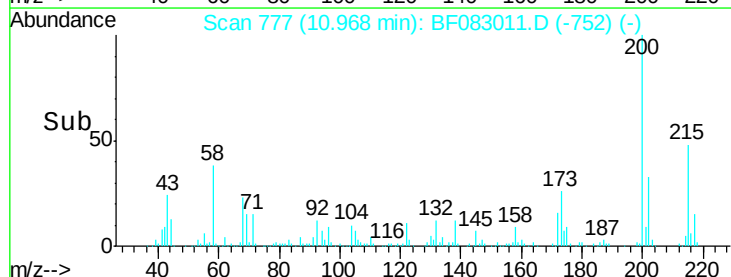
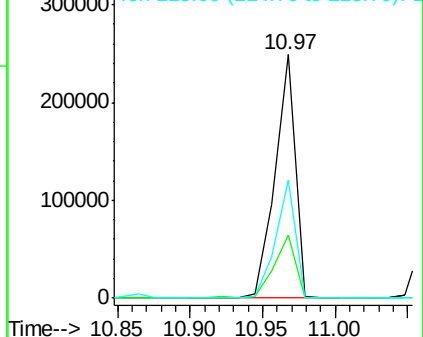
215 48.4 22.9 62.9

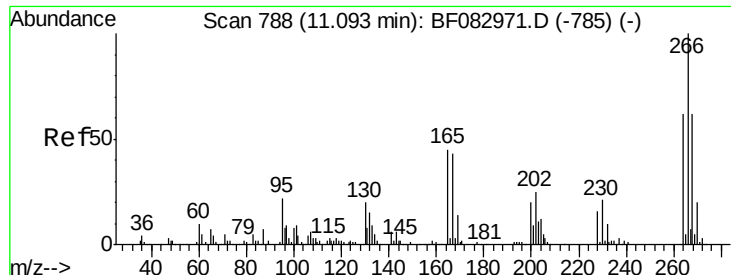


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

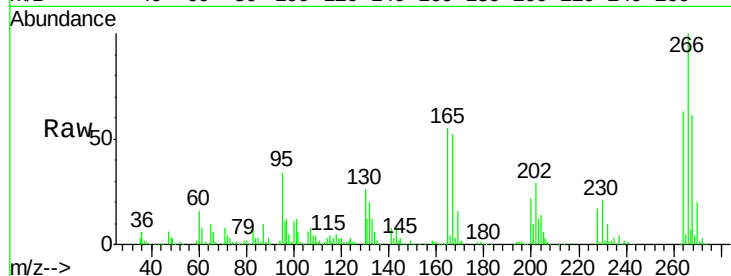




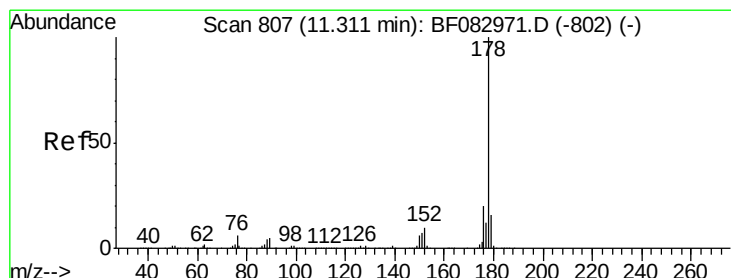
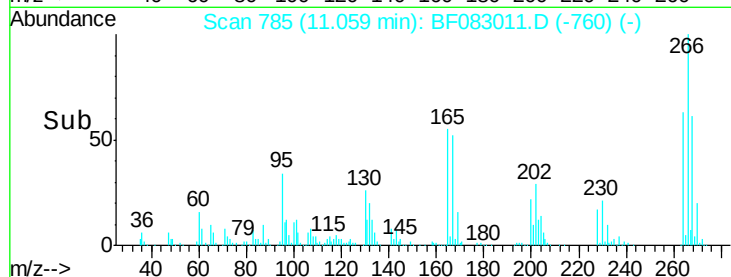
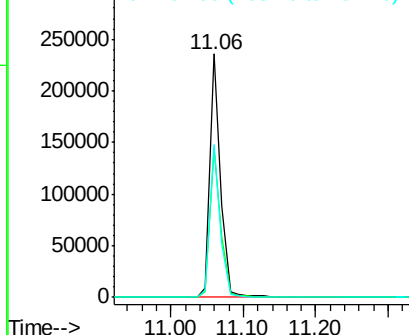
#69
 Pentachlorophenol
 Concen: 53.20 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :

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

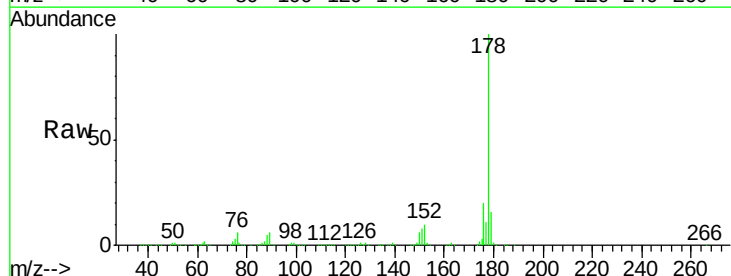


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

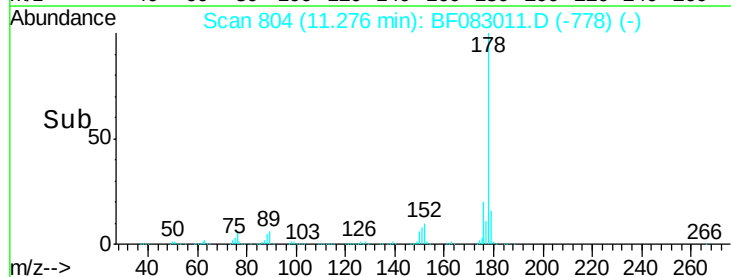
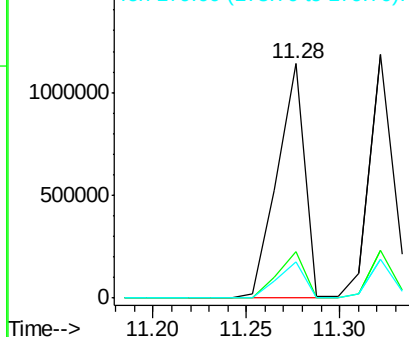


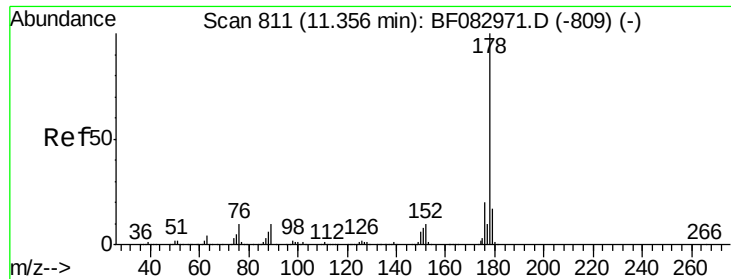
#70
 Phenanthrene
 Concen: 36.17 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

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 :

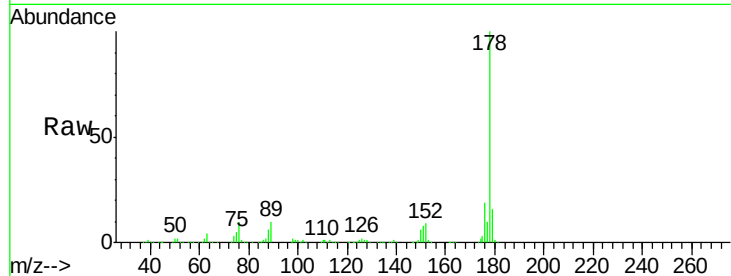
Tot Ion:178 Resp: 1044940

Ion Ratio Lower Upper

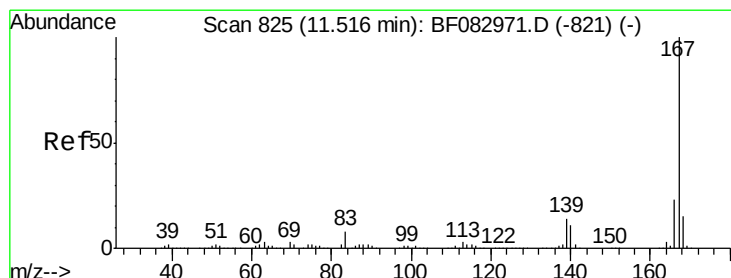
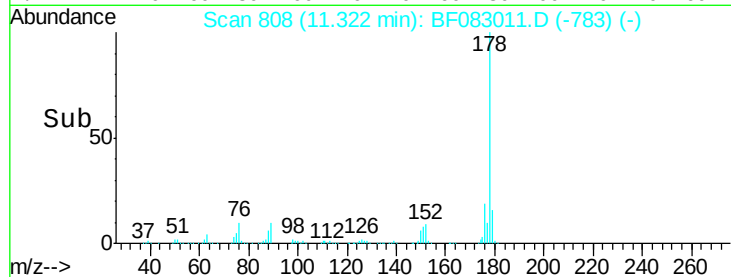
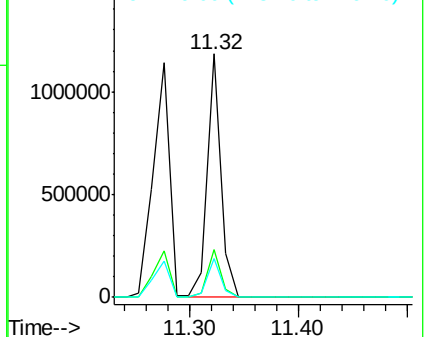
178 100

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

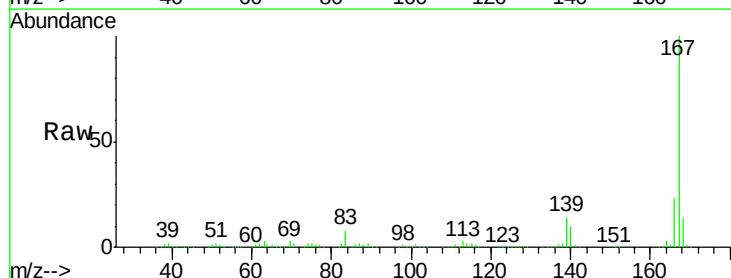
Tgt Ion:167 Resp: 1029316

Ion Ratio Lower Upper

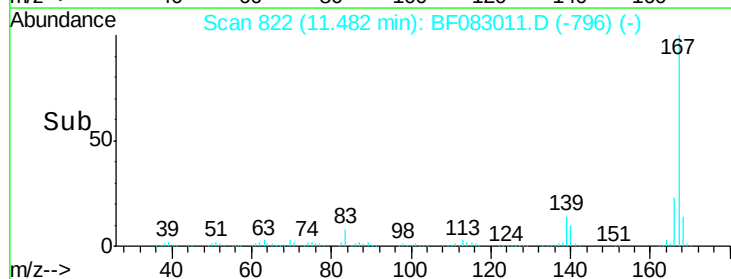
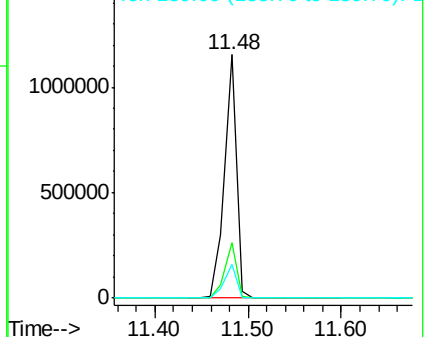
167 100

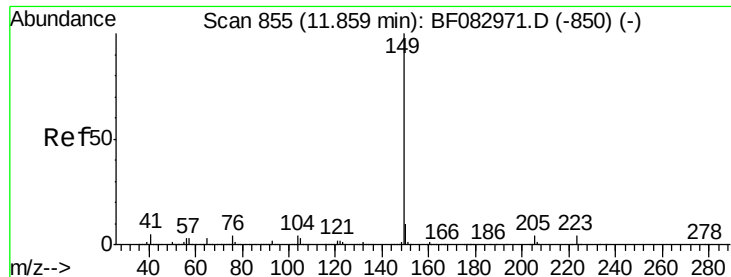
166 22.6 18.7 28.1

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 :

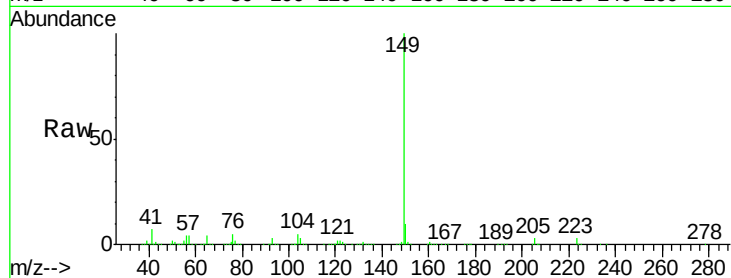
Tot Ion:149 Resp: 1293145

Ion Ratio Lower Upper

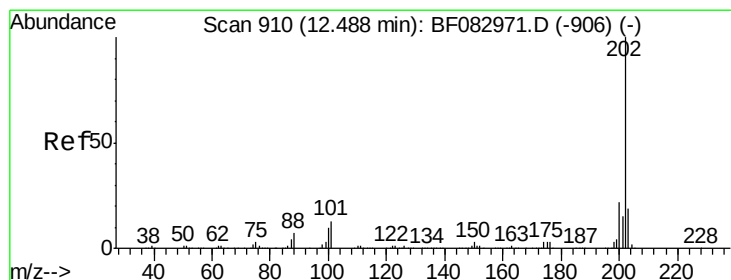
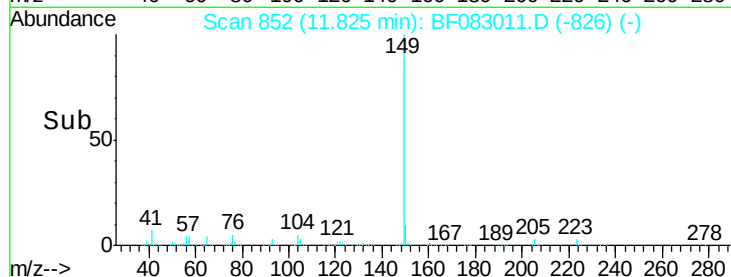
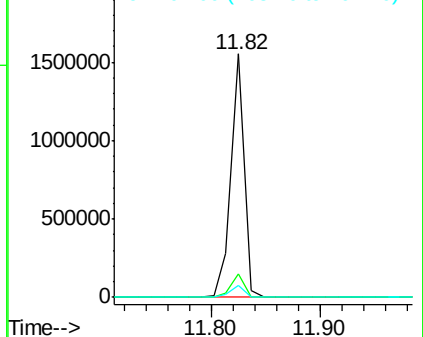
149 100

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

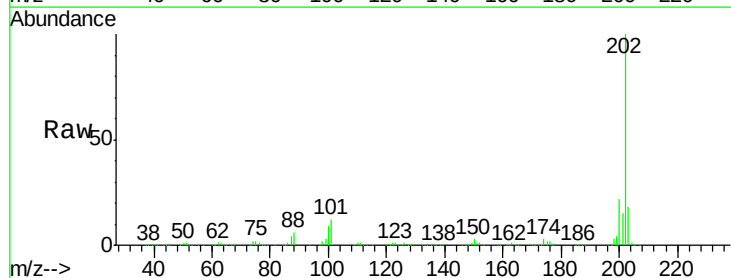
Tgt Ion:202 Resp: 1073298

Ion Ratio Lower Upper

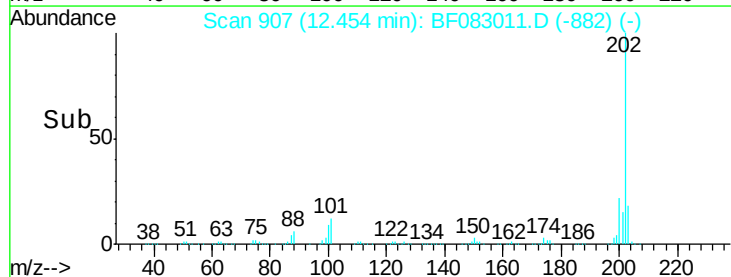
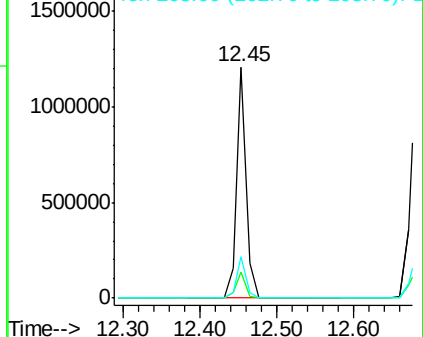
202 100

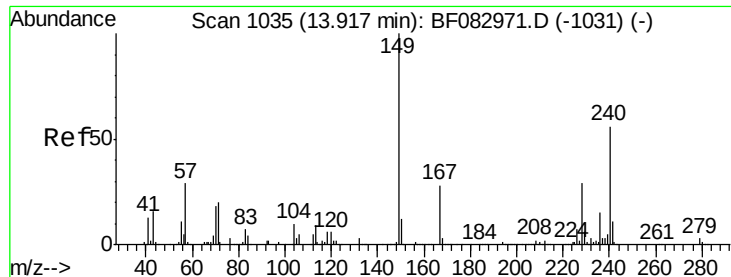
101 11.5 0.0 30.5

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 :

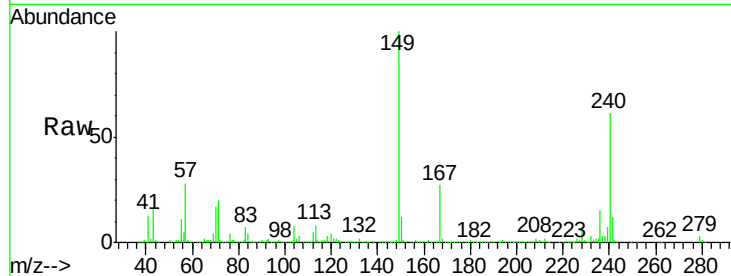
Tot Ion:240 Resp: 493672

Ion Ratio Lower Upper

240 100

120 6.5 10.9 16.3#

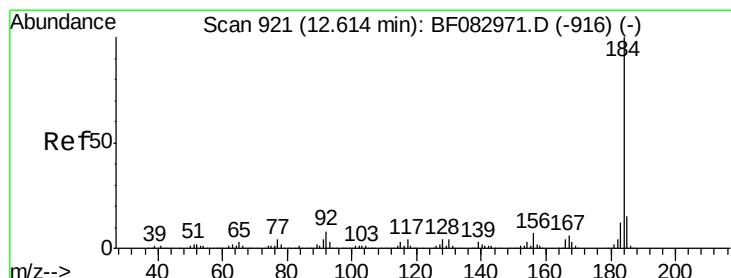
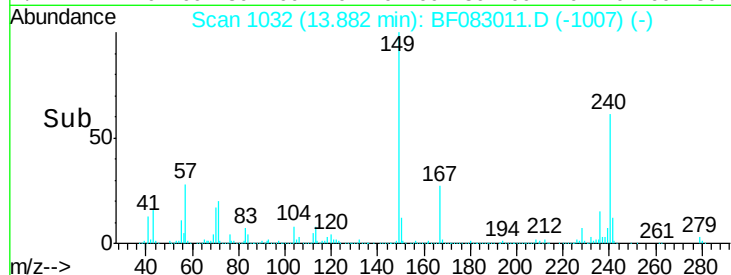
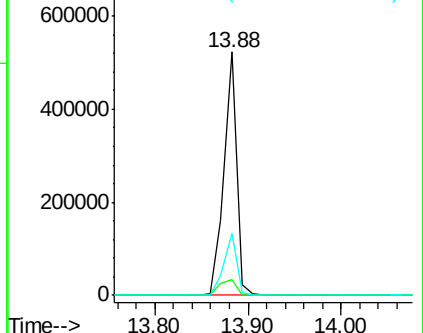
236 25.2 21.6 32.4



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

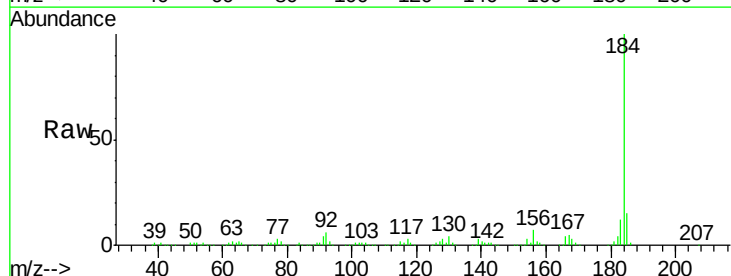
Tgt Ion:184 Resp: 386352

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

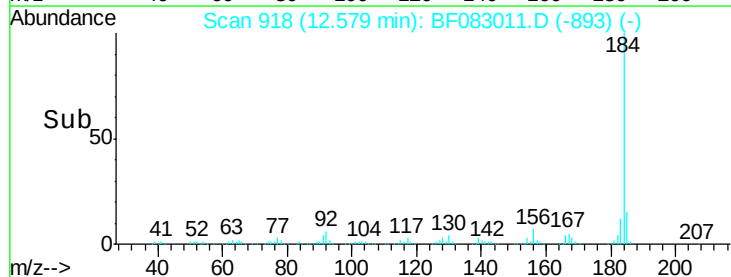
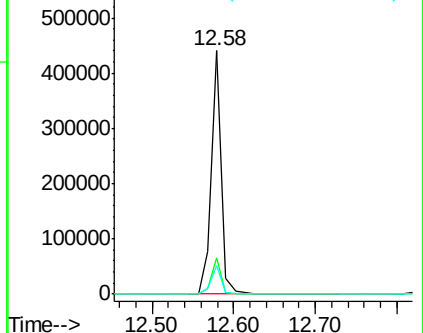
183 11.6 9.6 14.4

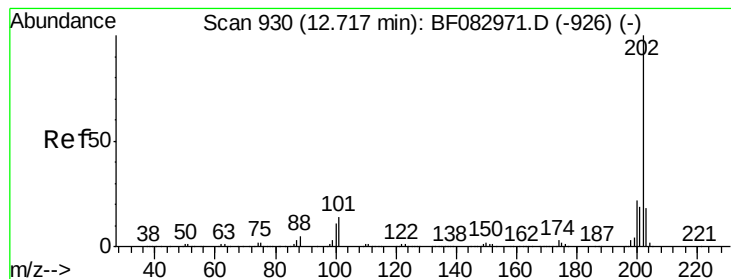


Abundance Ion 184.00 (183.70 to 184.70): E

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 :

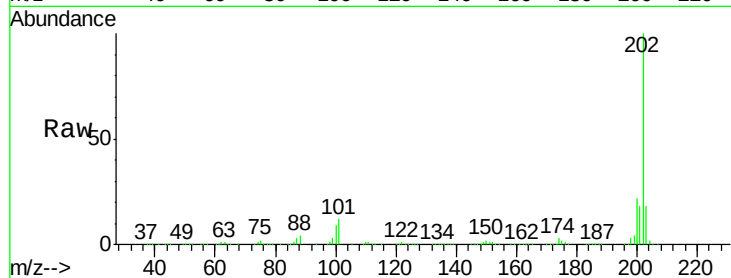
Tot Ion:202 Resp: 1171217

Ion Ratio Lower Upper

202 100

200 22.1 18.7 28.1

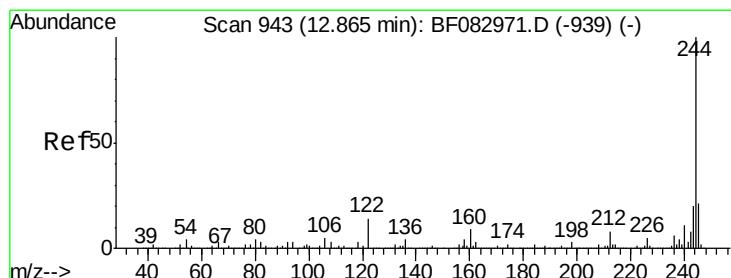
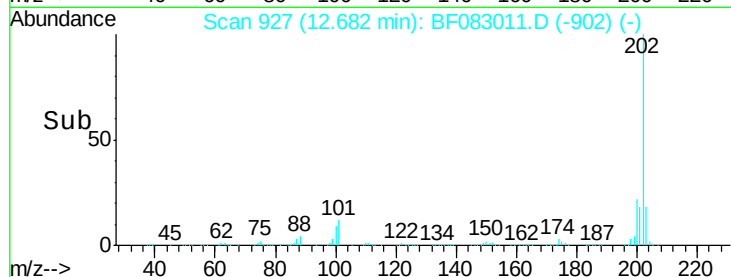
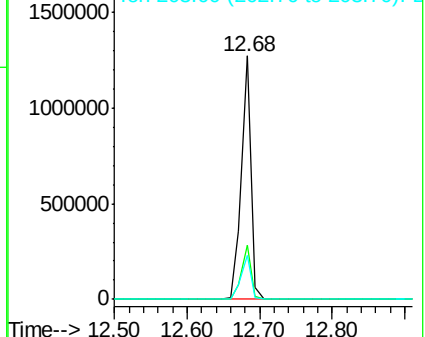
203 18.2 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 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

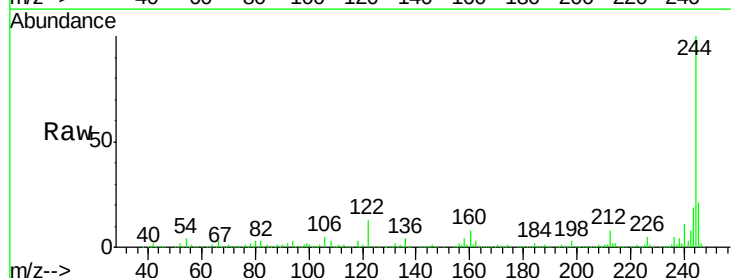
Tgt Ion:244 Resp: 1392629

Ion Ratio Lower Upper

244 100

212 8.2 7.6 11.4

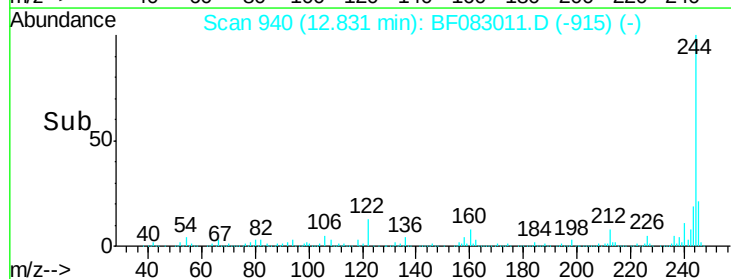
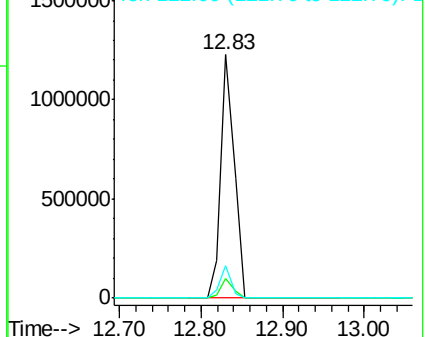
122 13.2 11.3 16.9

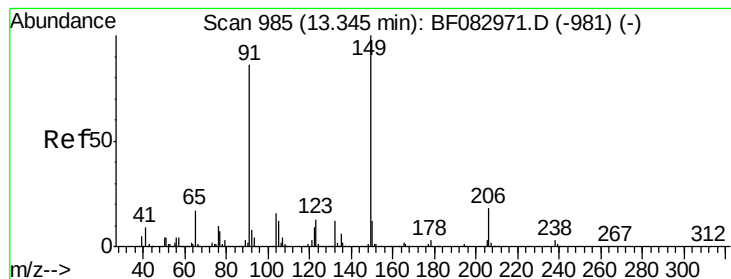


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 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 :

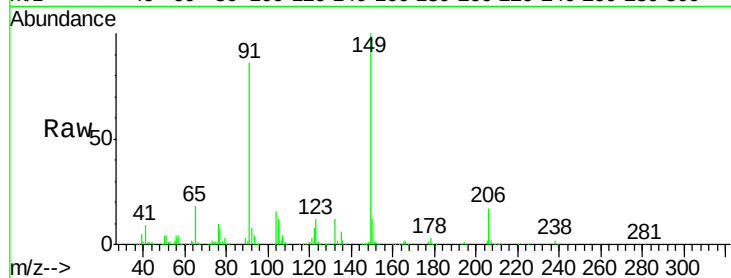
Tot Ion:149 Resp: 503864

Ion Ratio Lower Upper

149 100

91 85.7 67.7 101.5

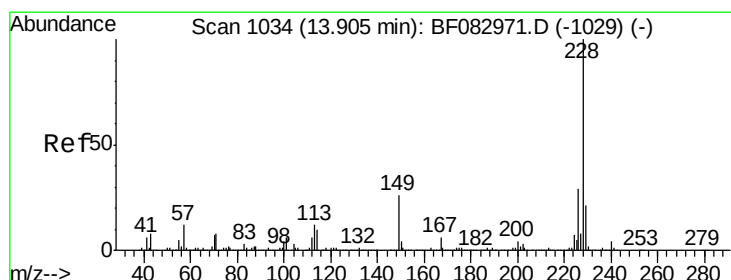
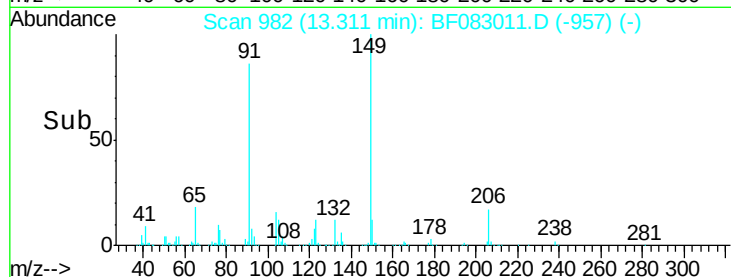
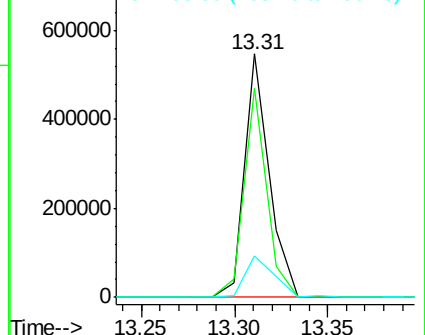
206 17.0 14.6 22.0



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

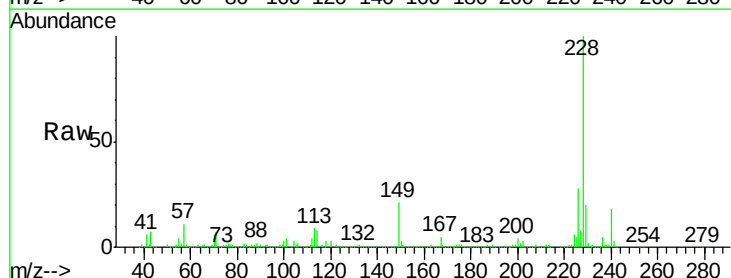
Tgt Ion:228 Resp: 1053638

Ion Ratio Lower Upper

228 100

226 27.8 23.4 35.2

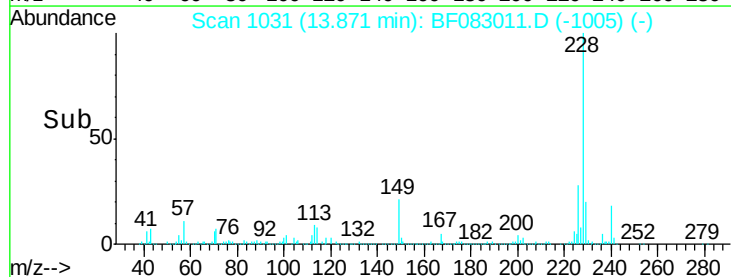
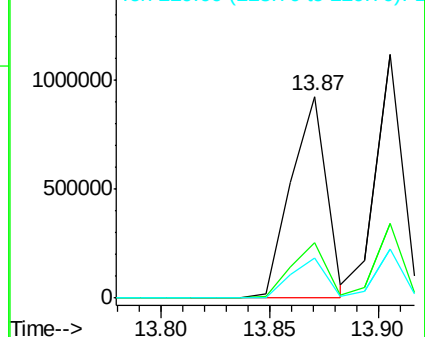
229 19.9 16.3 24.5

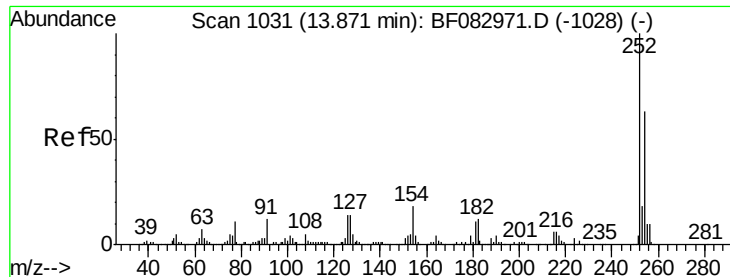


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

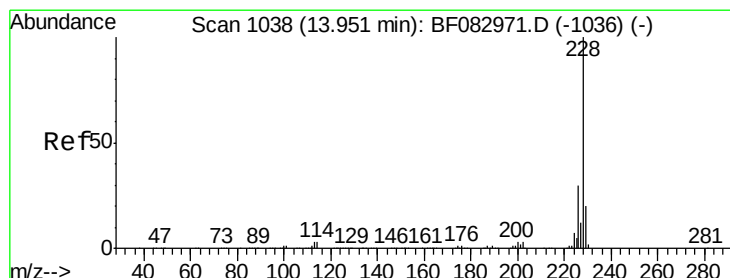
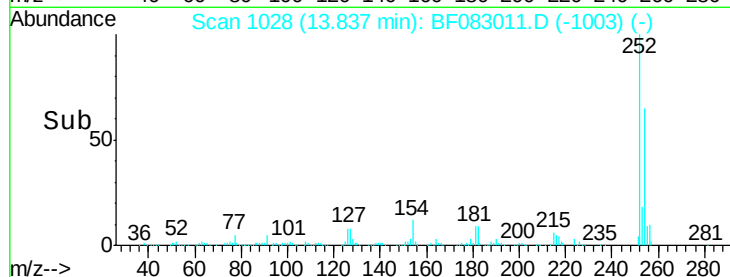
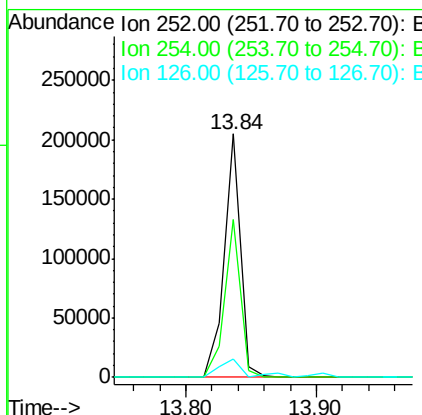
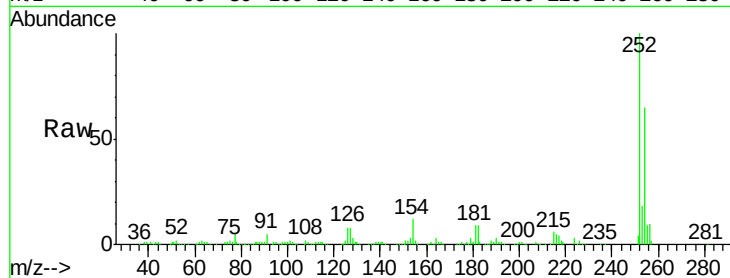




#81
 3,3'-Dichlorobenzidine
 Concen: 16.33 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

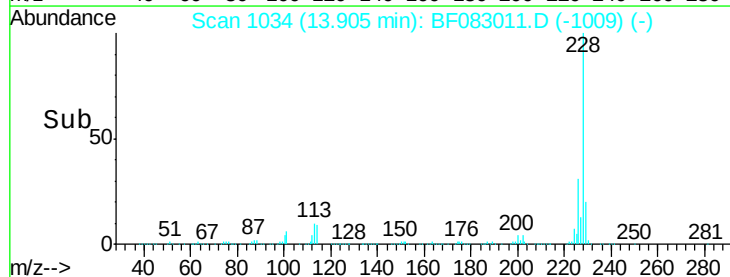
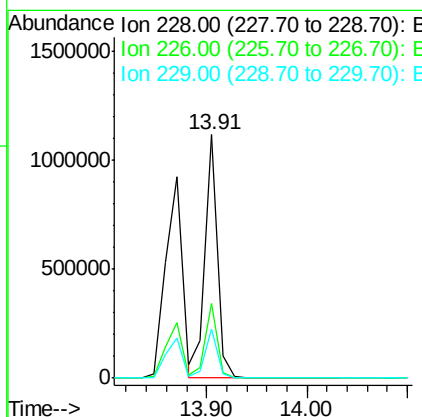
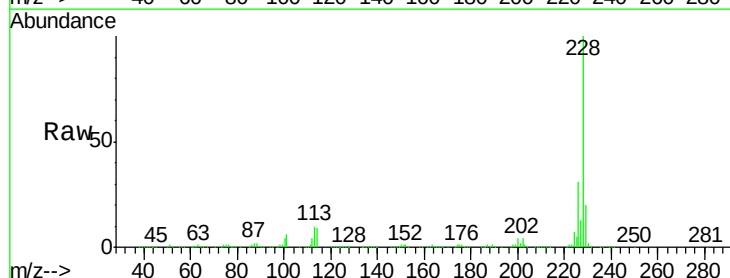
Instrument :
 BNA_F
 ClientSampleId :

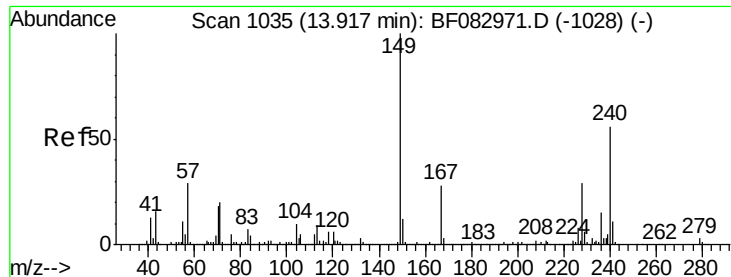
Tot Ion:252 Resp: 179201
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.4 77.0
 126 7.7 10.7 16.1#



#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 :

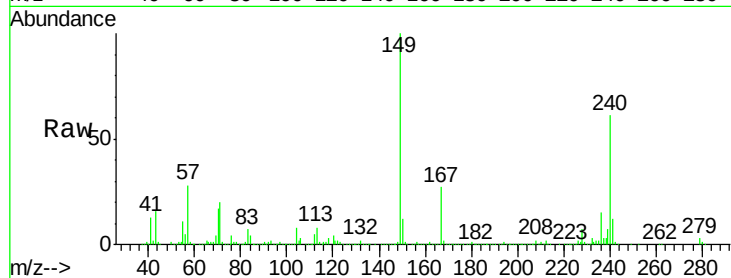
Tot Ion:149 Resp: 755953

Ion Ratio Lower Upper

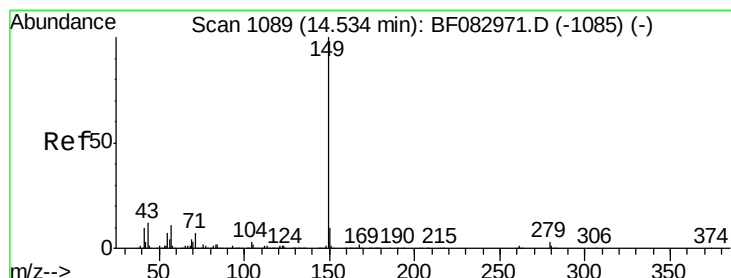
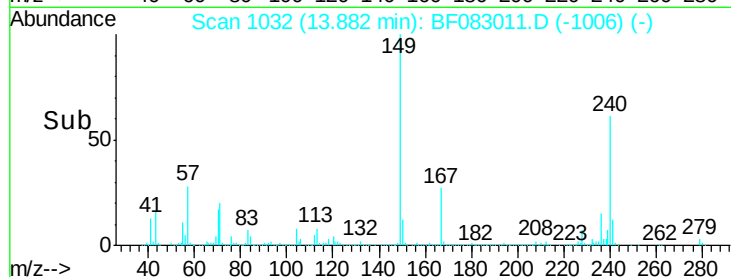
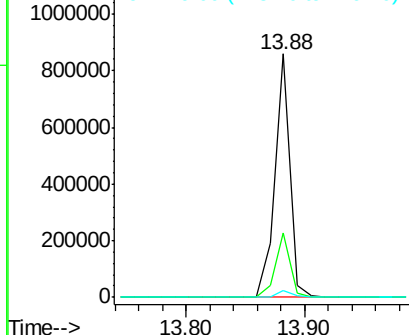
149 100

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

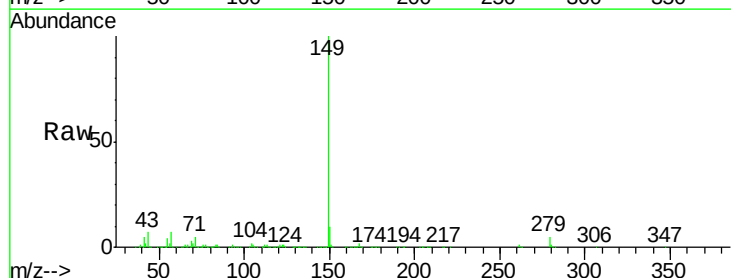
Tgt Ion:149 Resp: 1662099

Ion Ratio Lower Upper

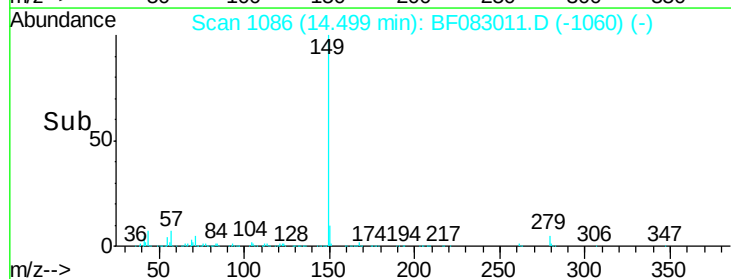
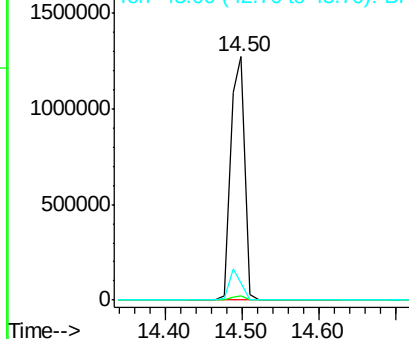
149 100

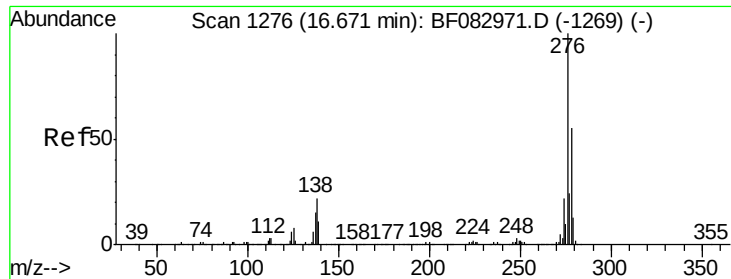
167 1.6 1.3 1.9

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

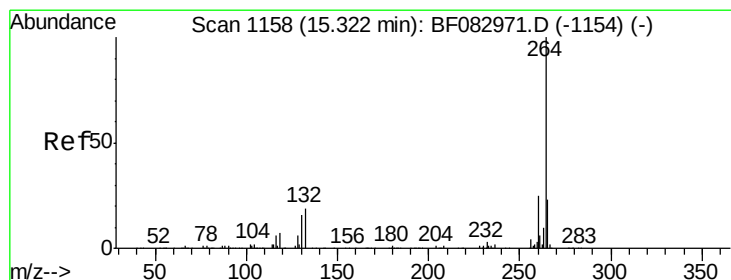
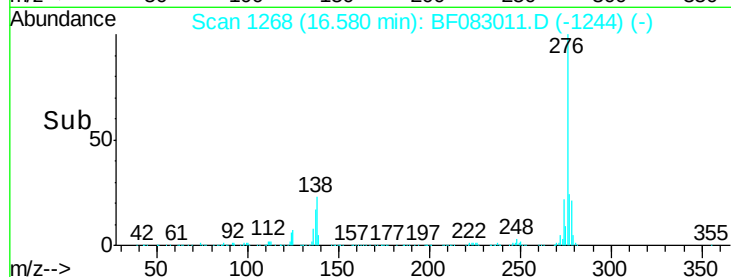
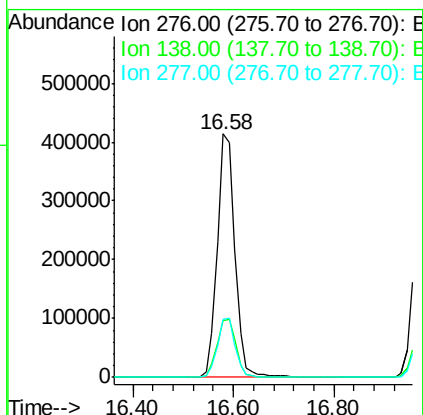
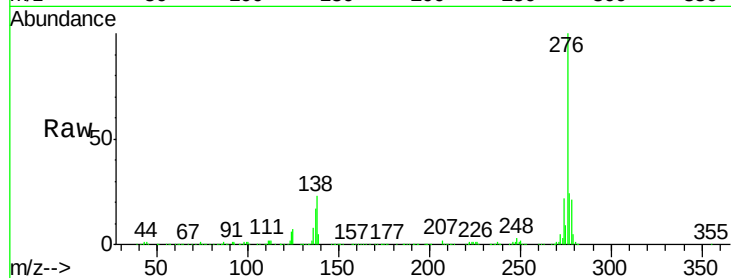




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.55 ng
 RT: 16.58 min Scan# 1268
 Delta R.T. -0.02 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

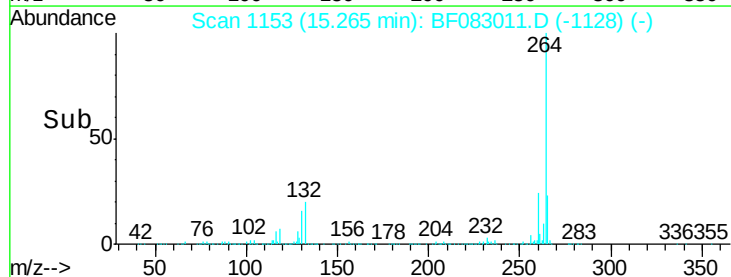
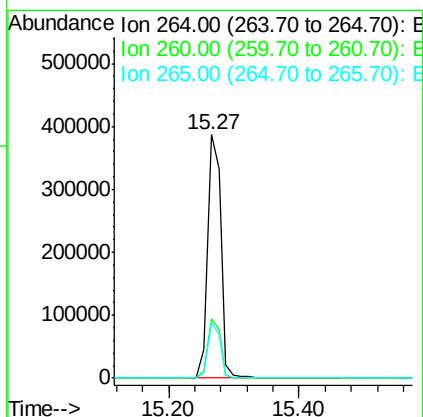
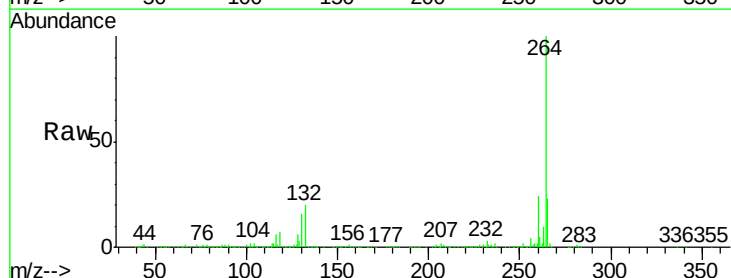
Instrument :
 BNA_F
 ClientSampleId :

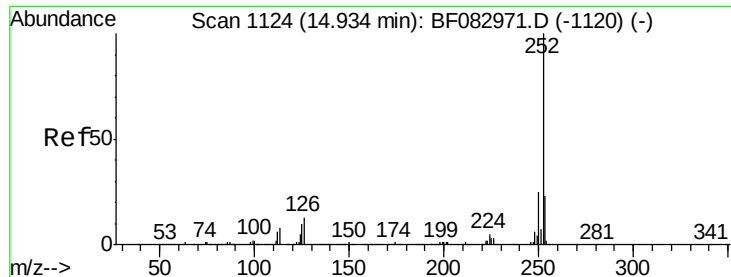
Tot Ion:276 Resp: 1011744
 Ion Ratio Lower Upper
 276 100
 138 25.7 15.3 22.9#
 277 24.8 20.2 30.4



#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 :

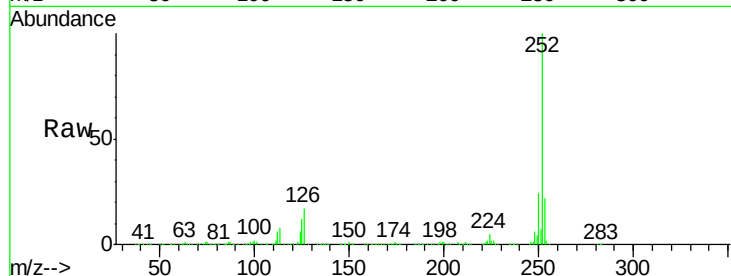
Tot Ion:252 Resp: 2235709

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

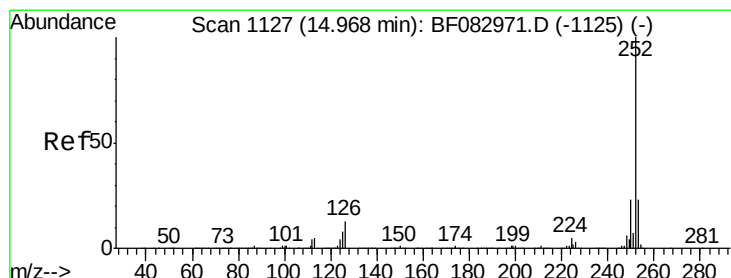
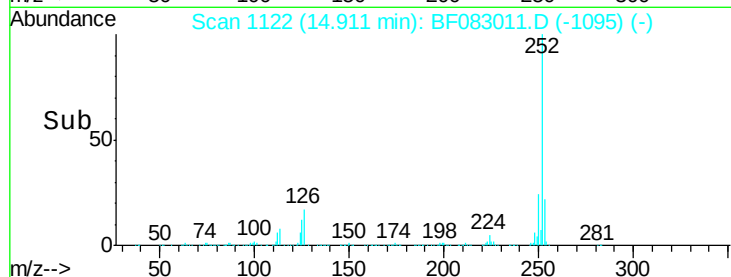
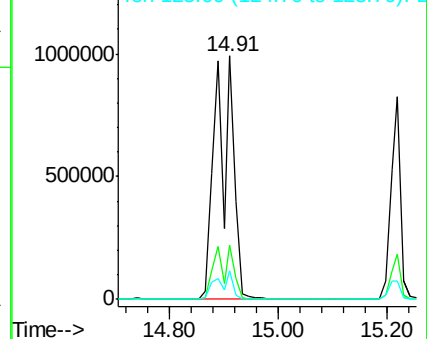
125 11.5 5.4 8.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 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

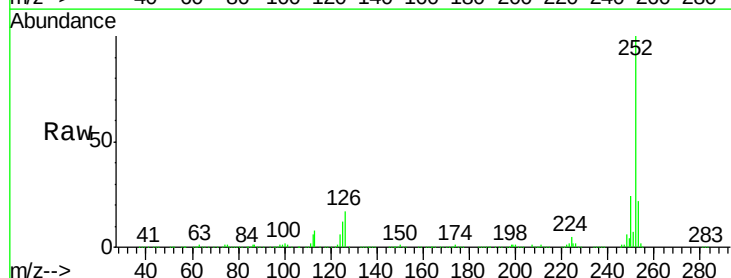
Tgt Ion:252 Resp: 2235709

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

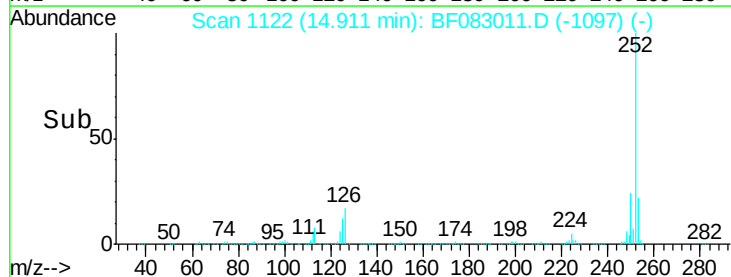
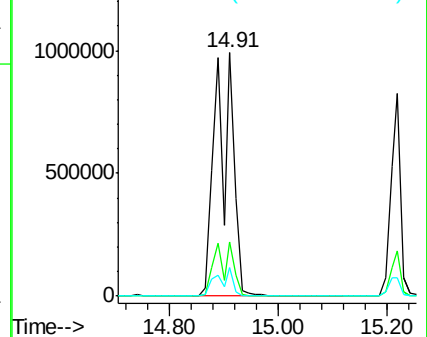
125 11.5 3.5 5.3#

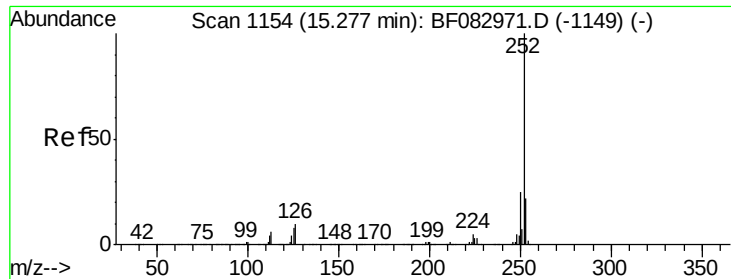


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

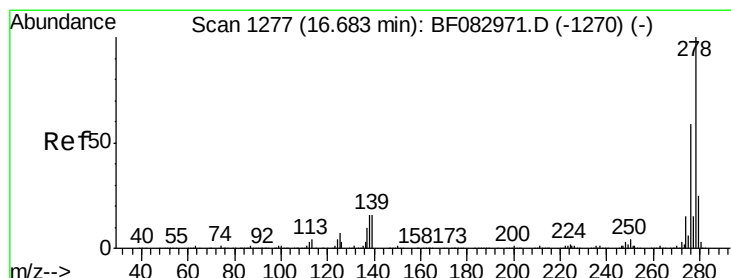
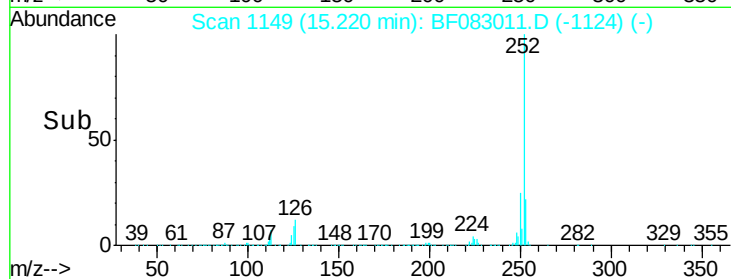
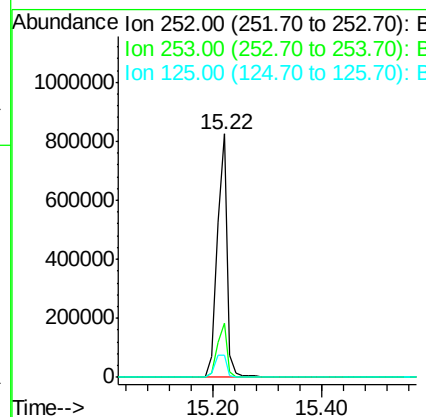
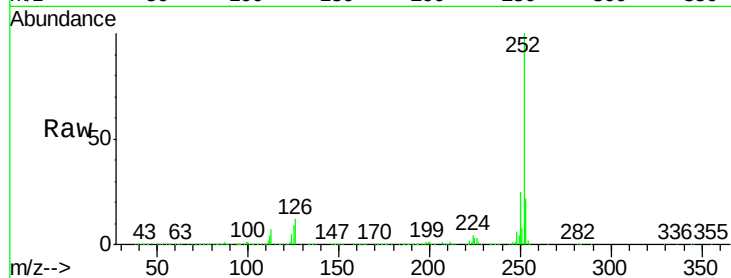




#89
Benzo(a)pyrene
Concen: 34.54 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF083011.D
Acq: 18 Nov 2015 15:36

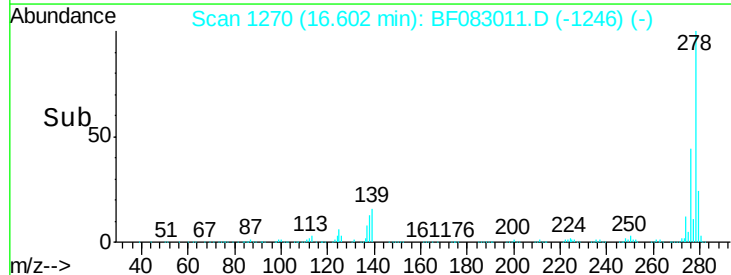
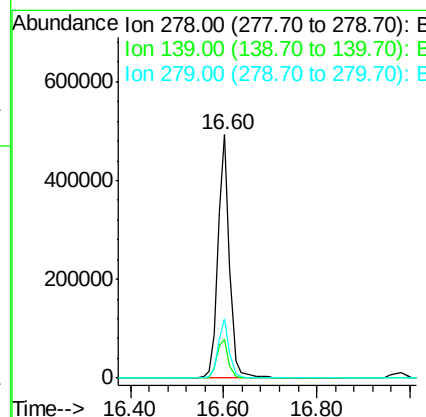
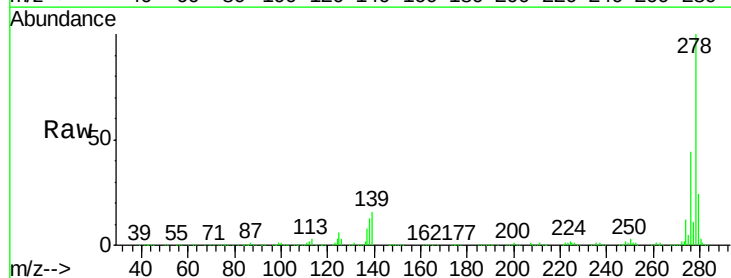
Instrument :
BNA_F
ClientSampleId :

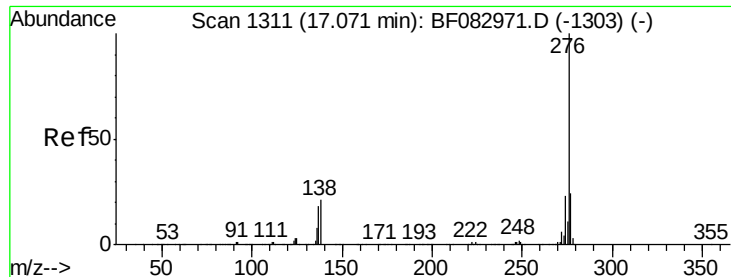
Tot Ion:252 Resp: 1056949
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.1 7.1 10.7



#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

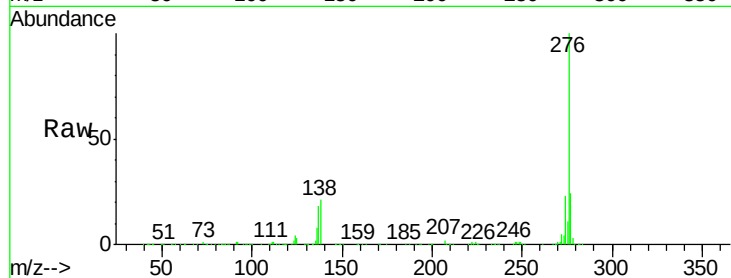




#91
 Benzo(a,h,i)perylene
 Concen: 33.48 ng
 RT: 16.98 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF083011.D
 Acq: 18 Nov 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	20.9	13.1	19.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

