

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090836.D
 Acq On : 26 Oct 2016 12:06
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 13:47:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 13:46:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	190728	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	819867	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	457204	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	765253	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	673275	20.00	ng	-0.01
86) Perylene-d12	15.37	264	633446	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	222835	18.84	ng	0.00
7) Phenol-d6	6.42	99	310466	19.38	ng	-0.01
23) Nitrobenzene-d5	7.36	82	260443	17.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	90033	24.88	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	585467	19.88	ng	-0.01
78) Terphenyl-d14	12.90	244	649530	22.11	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.35	88	61715	9.02	ng	# 71
3) Pyridine	3.07	79	144145	8.99	ng	# 73
4) n-Nitrosodimethylamine	3.00	42	37006	6.75	ng	# 76
6) Aniline	6.44	93	180295	9.93	ng	# 66
8) 2-Chlorophenol	6.57	128	147587	10.40	ng	# 96
9) Benzaldehyde	6.33	77	81459	9.30	ng	# 78
10) Phenol	6.43	94	165914	9.21	ng	# 75
11) bis(2-Chloroethyl)ether	6.52	93	146664	9.69	ng	# 87
12) 1,3-Dichlorobenzene	6.73	146	144723	10.15	ng	# 96
13) 1,4-Dichlorobenzene	6.81	146	154616	10.22	ng	# 95
14) 1,2-Dichlorobenzene	6.81	146	157388	10.63	ng	# 97
15) Benzyl Alcohol	6.93	79	102469	9.42	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	7.07	45	149454	6.60	ng	# 62
17) 2-Methylphenol	7.05	107	107778	10.08	ng	# 86
18) Hexachloroethane	7.30	117	56309	9.17	ng	# 88
19) n-Nitroso-di-n-propylamine	7.20	70	99041	8.30	ng	# 68
20) 3+4-Methylphenols	7.21	107	132866	10.48	ng	# 78
22) Acetophenone	7.20	105	185342	10.14	ng	# 83
24) Nitrobenzene	7.37	77	139236	8.59	ng	# 68
25) Isophorone	7.61	82	250115	8.84	ng	# 87
26) 2-Nitrophenol	7.69	139	67973	10.27	ng	# 56
27) 2,4-Dimethylphenol	7.73	122	114984	9.80	ng	# 81
28) bis(2-Chloroethoxy)methane	7.82	93	140462	9.07	ng	# 93
29) 2,4-Dichlorophenol	7.94	162	107856	11.20	ng	# 99
30) 1,2,4-Trichlorobenzene	8.02	180	131891	11.63	ng	# 98
31) Naphthalene	8.10	128	429323	10.70	ng	# 98
32) Benzoic acid	7.84	122	63682	14.03	ng	# 76
33) 4-Chloroaniline	8.16	127	148418	9.98	ng	# 98
34) Hexachlorobutadiene	8.22	225	72192	11.32	ng	# 98
35) Caprolactam	8.49	113	33485	12.17	ng	# 98
36) 4-Chloro-3-methylphenol	8.64	107	121543	10.85	ng	# 91
37) 2-Methylnaphthalene	8.78	142	264823	11.30	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	134927	10.93	ng	# 98
40) Hexachlorocyclopentadiene	8.94	237	52210	9.01	ng	# 97

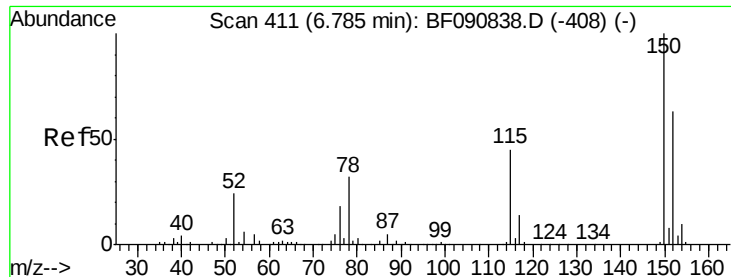
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	86180	11.26	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	82713	10.65	nq	# 89
45) 1,1'-Biphenyl	9.25	154	378409	10.54	nq	97
46) 2-Chloronaphthalene	9.28	162	281323	10.54	nq	95
47) 2-Nitroaniline	9.38	65	70017	7.90	nq	94
48) Acenaphthylene	9.69	152	458099	11.25	nq	97
49) Dimethylphthalate	9.55	163	315170	10.97	nq	# 97
50) 2,6-Dinitrotoluene	9.62	165	73537	11.90	nq	# 93
51) Acenaphthene	9.86	154	279503	10.34	nq	88
52) 3-Nitroaniline	9.79	138	67171	9.46	nq	# 79
53) 2,4-Dinitrophenol	9.89	184	28418	15.32	nq	# 65
54) Dibenzofuran	10.03	168	358762	10.96	nq	# 86
55) 4-Nitrophenol	9.96	139	32622	12.86	nq	# 68
56) 2,4-Dinitrotoluene	10.02	165	93287	12.35	nq	# 93
57) Fluorene	10.37	166	314799	11.60	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.11	232	67418	11.06	nq	94
59) Diethylphthalate	10.26	149	327556	10.99	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	159046	12.82	nq	93
61) 4-Nitroaniline	10.40	138	76813	10.68	nq	# 58
62) Azobenzene	10.53	77	370867	10.63	nq	86
64) 4,6-Dinitro-2-methylphenol	10.43	198	42108	12.05	nq	# 64
65) n-Nitrosodiphenylamine	10.49	169	252478	10.30	nq	91
66) 4-Bromophenyl-phenylether	10.86	248	83757	11.29	nq	94
67) Hexachlorobenzene	10.92	284	91898	10.50	nq	# 78
68) Atrazine	11.01	200	77096	11.39	nq	82
69) Pentachlorophenol	11.13	266	43099	12.48	nq	97
70) Phenanthrene	11.33	178	428349	10.98	nq	96
71) Anthracene	11.39	178	463935	10.73	nq	98
72) Carbazole	11.55	167	388731	10.75	nq	97
73) Di-n-butylphthalate	11.88	149	538096	11.47	nq	# 99
74) Fluoranthene	12.52	202	475840	12.61	nq	94
76) Benzidine	12.65	184	181720	12.16	nq	97
77) Pyrene	12.75	202	490861	10.44	nq	96
79) Butylbenzylphthalate	13.38	149	220513	10.20	nq	95
80) Benzo(a)anthracene	13.94	228	417372	11.33	nq	98
81) 3,3'-Dichlorobenzidine	13.91	252	148064	11.60	nq	97
82) Chrysene	13.97	228	400382	11.13	nq	96
83) Bis(2-ethylhexyl)phthalate	13.94	149	333672	10.79	nq	# 89
84) Di-n-octyl phthalate	14.56	149	543962	11.59	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.73	276	385664	12.29	nq	# 92
87) Benzo(b)fluoranthene	14.97	252	388792	9.98	nq	# 87
88) Benzo(k)fluoranthene	14.97	252	388792	9.93	nq	# 87
89) Benzo(a)pyrene	15.31	252	368187	10.08	nq	# 86
90) Dibenzo(a,h)anthracene	16.74	278	330727	9.43	nq	# 85
91) Benzo(g,h,i)perylene	17.14	276	319076	9.38	nq	# 76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

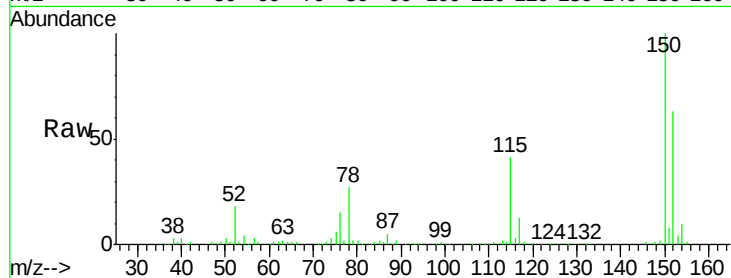
Tot Ion:152 Resp: 190728

Ion Ratio Lower Upper

152 100

150 159.6 124.7 187.1

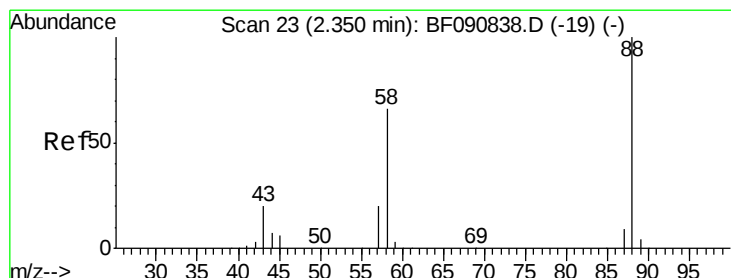
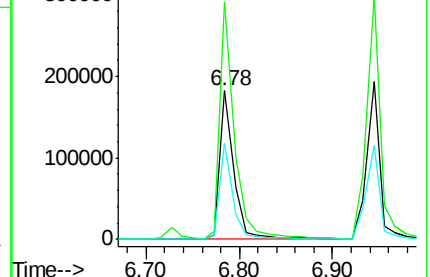
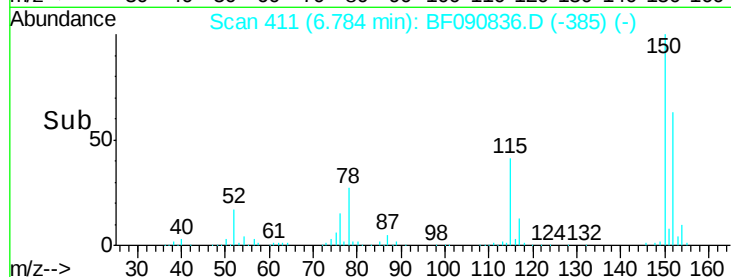
115 65.2 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 9.02 ng

RT: 2.35 min Scan# 23

Delta R.T. -0.00 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

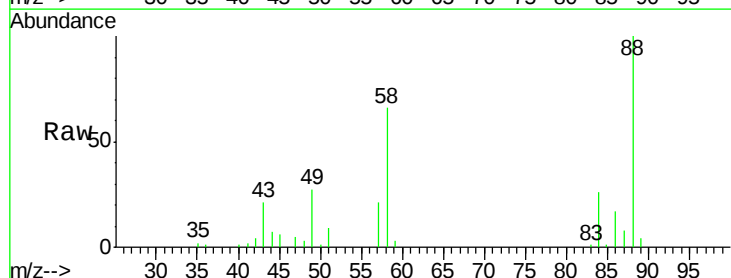
Tgt Ion: 88 Resp: 61715

Ion Ratio Lower Upper

88 100

58 65.6 77.7 116.5#

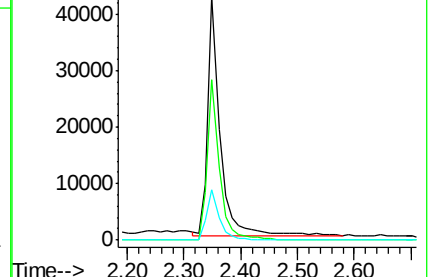
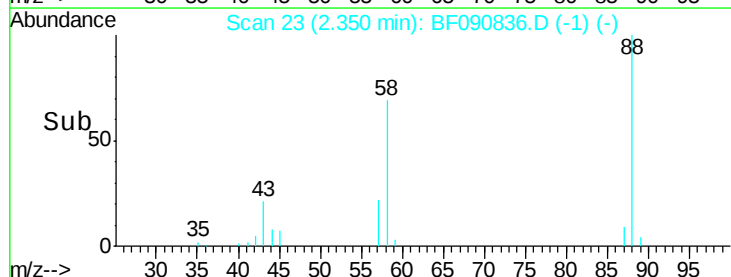
43 21.1 26.6 40.0#

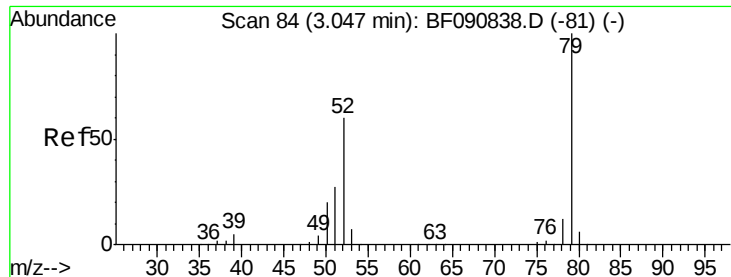


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

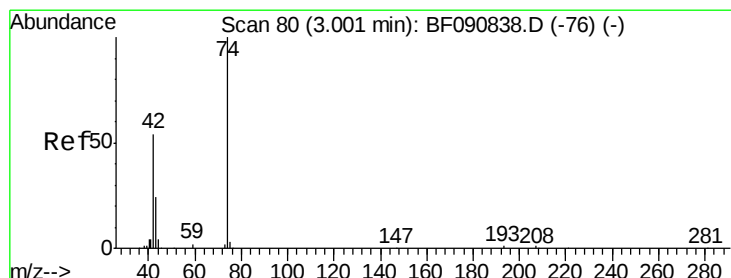
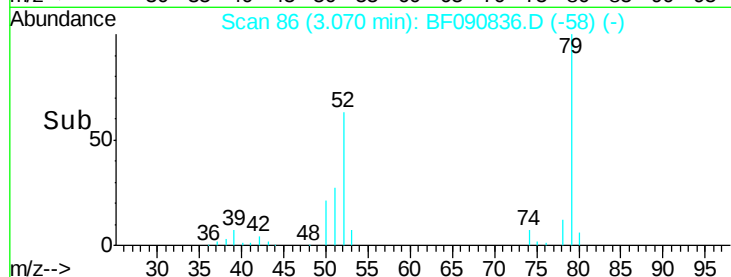
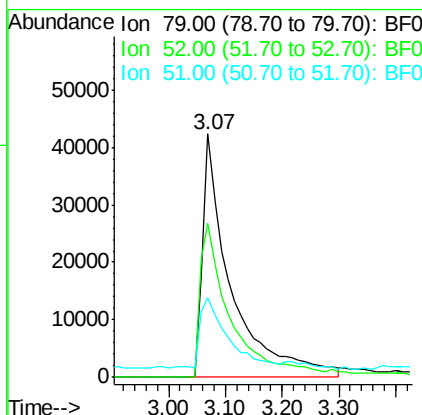
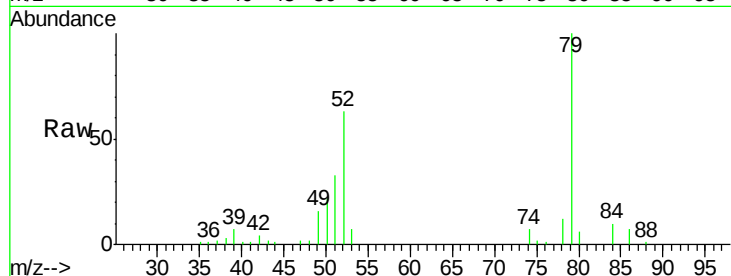




#3
 Pvridine
 Concen: 8.99 ng
 RT: 3.07 min Scan# 86
 Delta R.T. 0.02 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

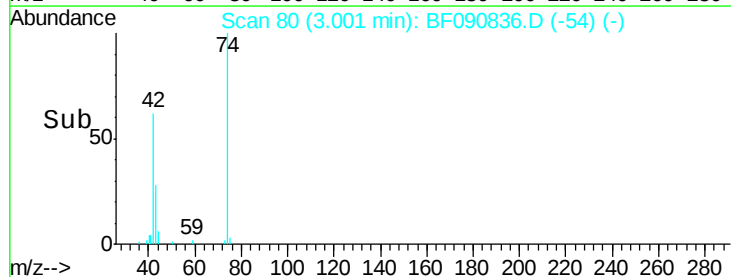
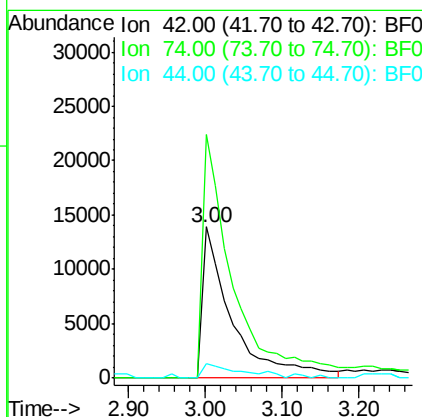
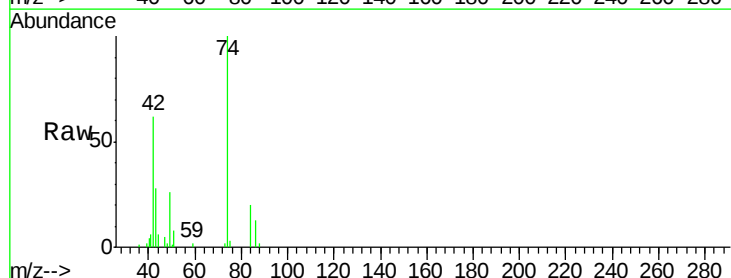
Instrument :
 BNA_F
 ClientSampled :

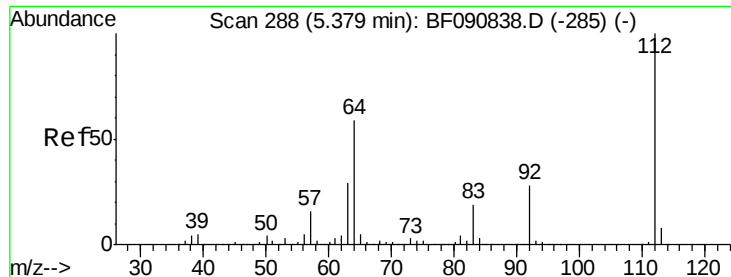
Tot Ion: 79 Resp: 144145
 Ion Ratio Lower Upper
 79 100
 52 63.0 76.8 115.2#
 51 32.6 32.2 48.4



#4
 n-Nitrosodimethylamine
 Concen: 6.75 ng
 RT: 3.00 min Scan# 80
 Delta R.T. -0.00 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

Tgt Ion: 42 Resp: 37006
 Ion Ratio Lower Upper
 42 100
 74 161.0 105.0 157.6#
 44 9.7 6.6 10.0

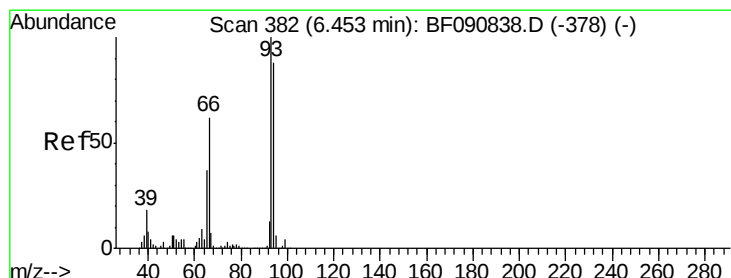
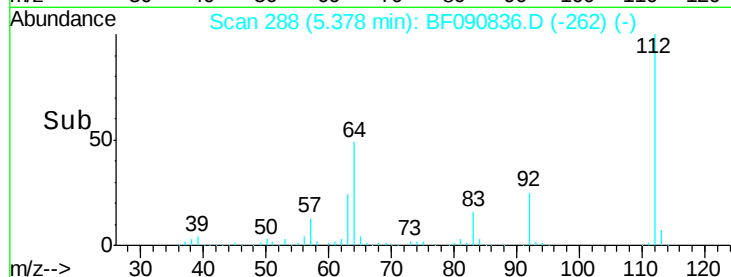
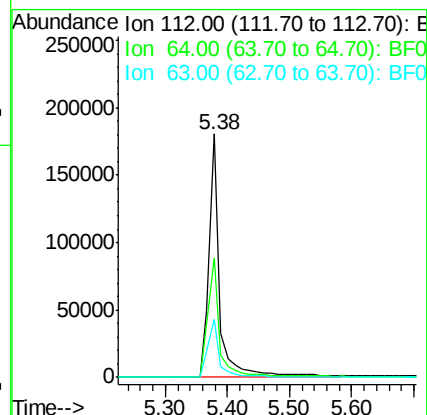
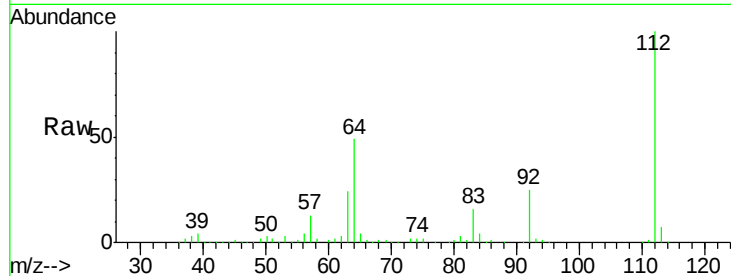




#5
2-Fluorophenol
Concen: 18.84 ng
RT: 5.38 min Scan# 288
Delta R.T. -0.00 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

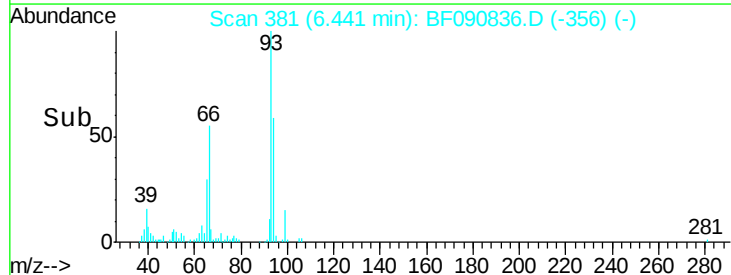
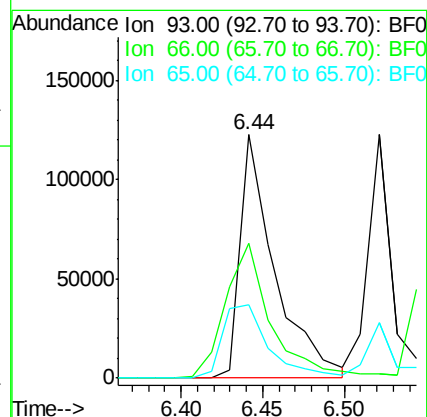
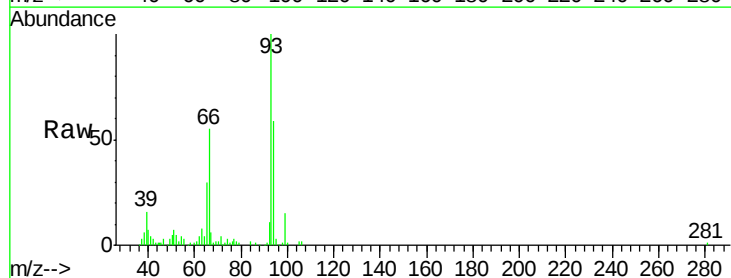
Instrument :
BNA_F
ClientSampled :

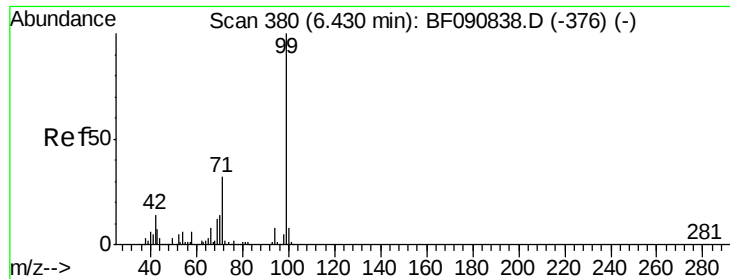
Tot Ion	Ratio	Lower	Upper
112	100		
64	49.1	39.7	59.5
63	24.0	17.4	26.0



#6
Aniline
Concen: 9.93 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

Tgt Ion	Ratio	Lower	Upper
93	100		
66	55.2	27.2	40.8#
65	30.4	14.7	22.1#





#7

Phenol-d6

Concen: 19.38 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

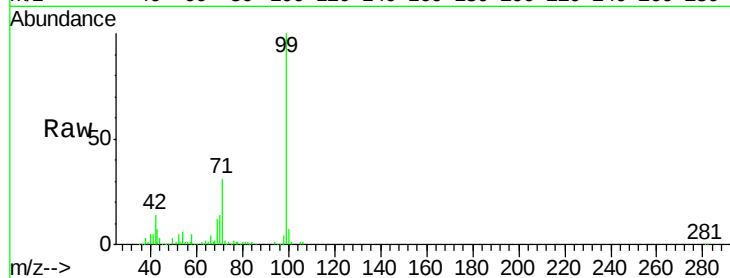
Tot Ion: 99 Resp: 310466

Ion Ratio Lower Upper

99 100

42 13.6 13.7 20.5#

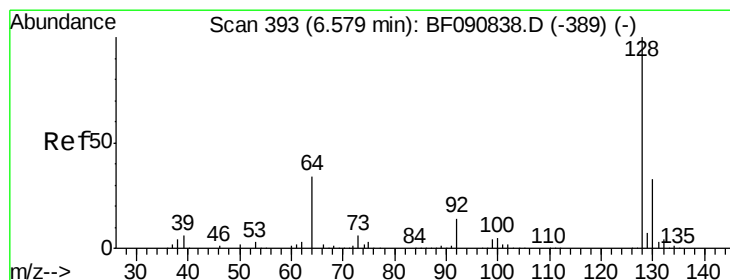
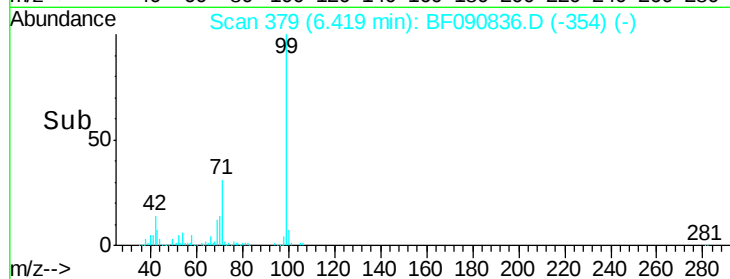
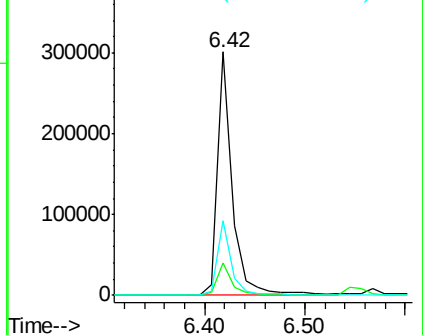
71 30.8 14.2 21.2#



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: 10.40 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

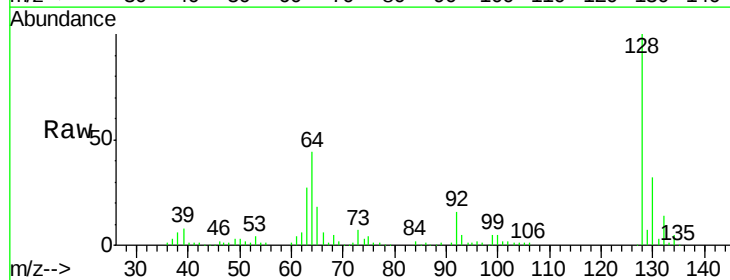
Tgt Ion: 128 Resp: 147587

Ion Ratio Lower Upper

128 100

130 32.0 12.2 52.2

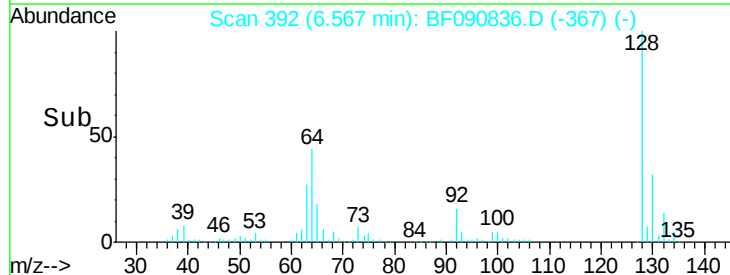
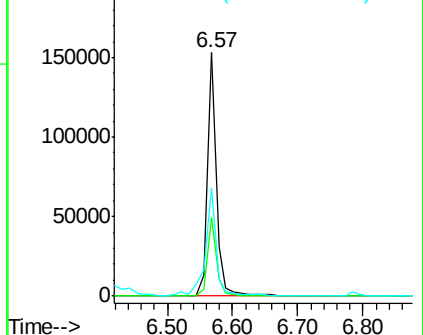
64 44.5 20.5 60.5

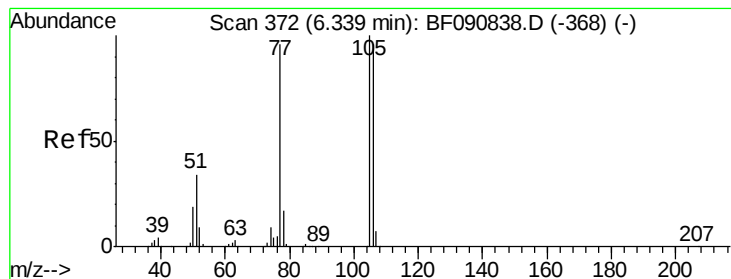


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.30 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

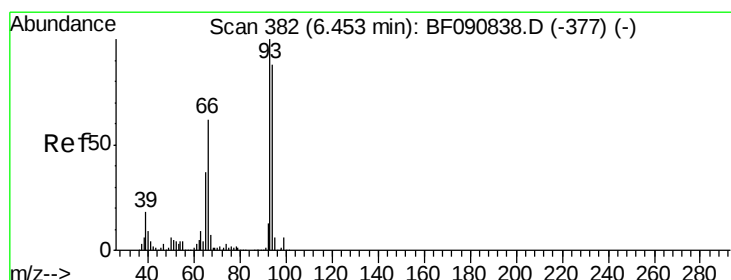
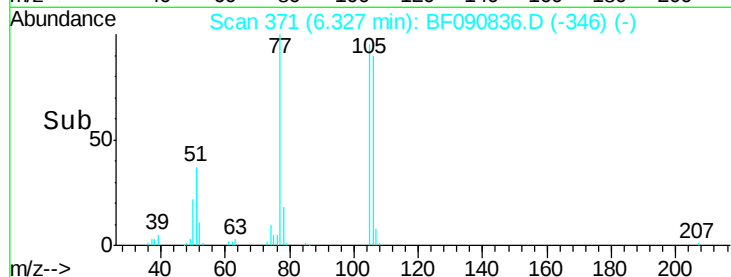
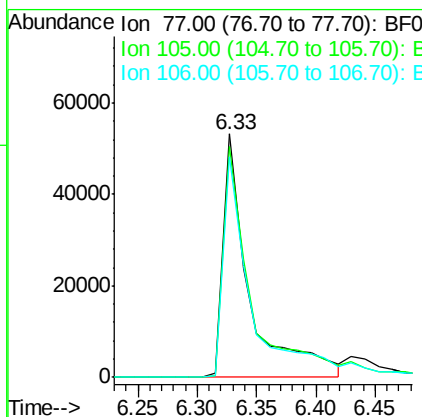
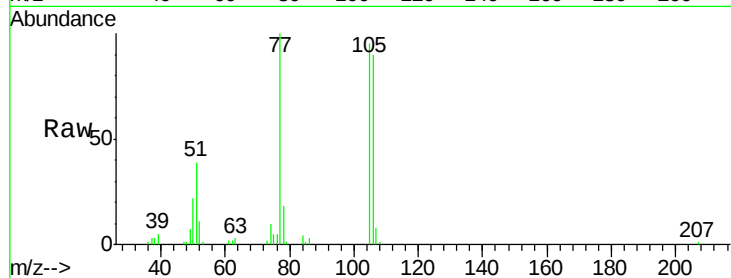
Tot Ion: 77 Resp: 81459

Ion Ratio Lower Upper

77 100

105 95.0 91.6 131.6

106 90.4 102.6 142.6#



#10

Phenol

Concen: 9.21 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

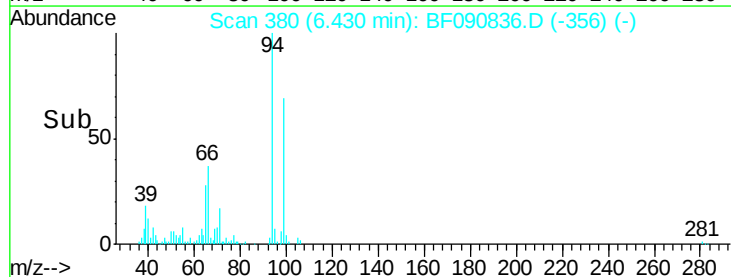
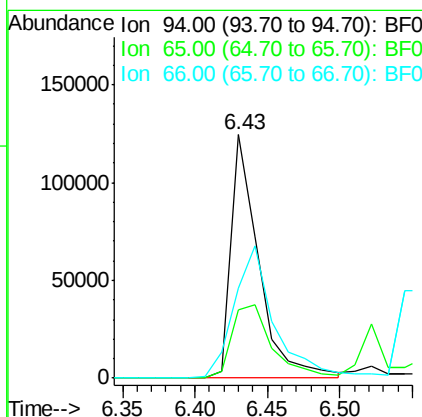
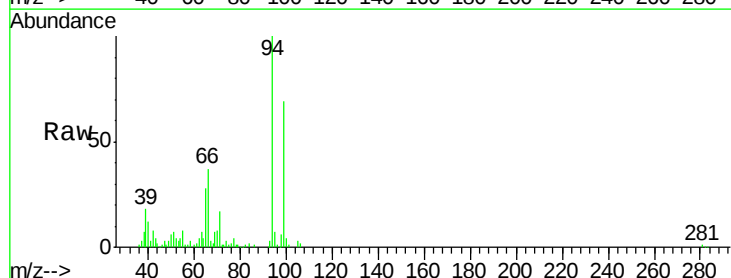
Tgt Ion: 94 Resp: 165914

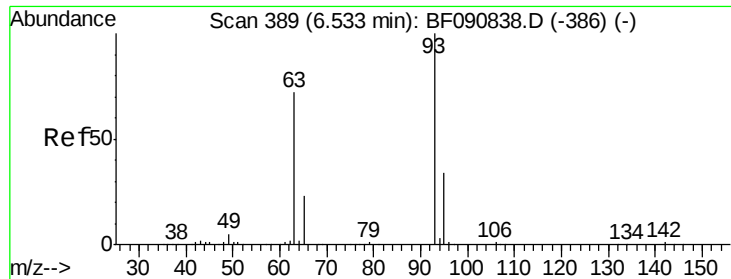
Ion Ratio Lower Upper

94 100

65 28.3 0.7 40.7

66 36.9 0.8 40.8





#11

bis(2-Chloroethyl)ether

Concen: 9.69 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

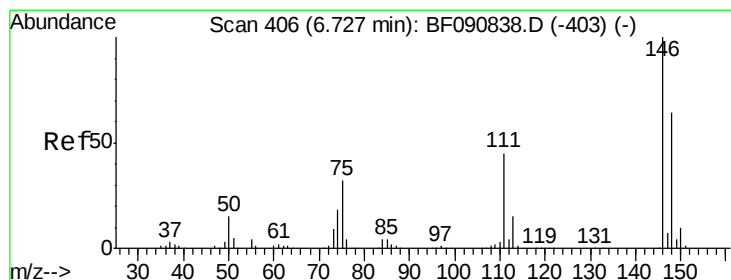
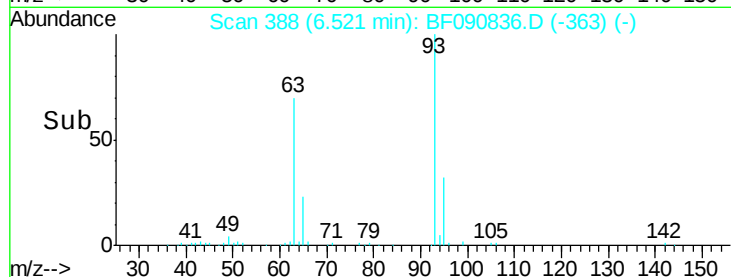
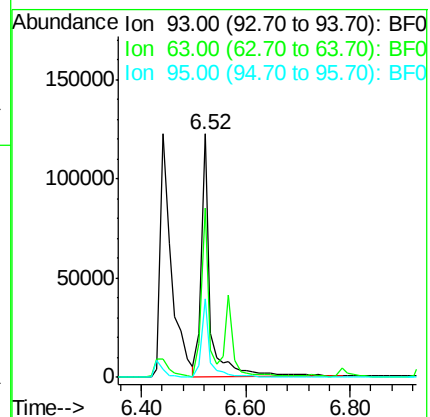
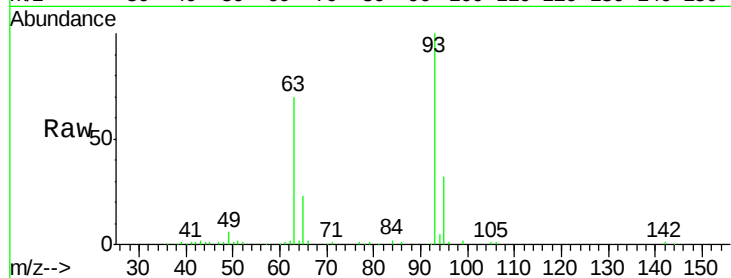
Tot Ion: 93 Resp: 146664

Ion Ratio Lower Upper

93 100

63 69.6 65.6 105.6

95 32.1 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 10.15 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

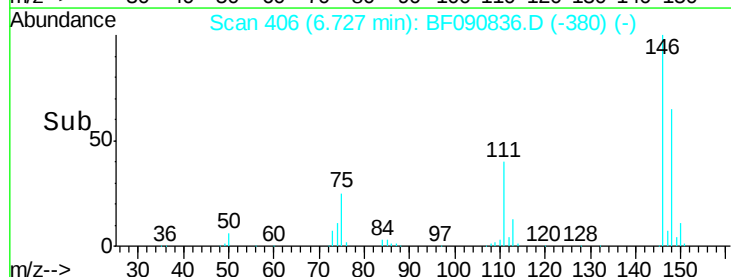
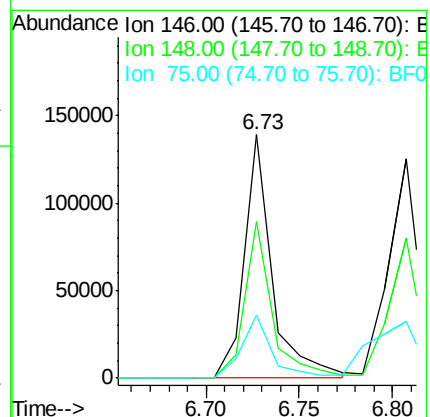
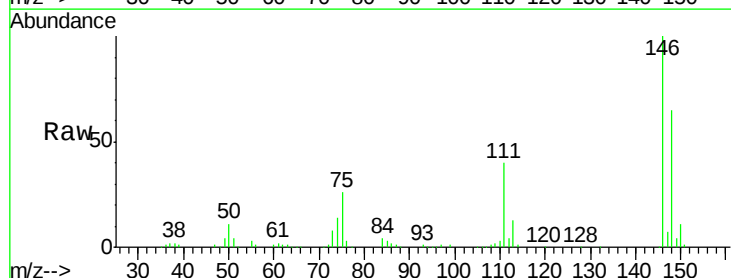
Tgt Ion: 146 Resp: 144723

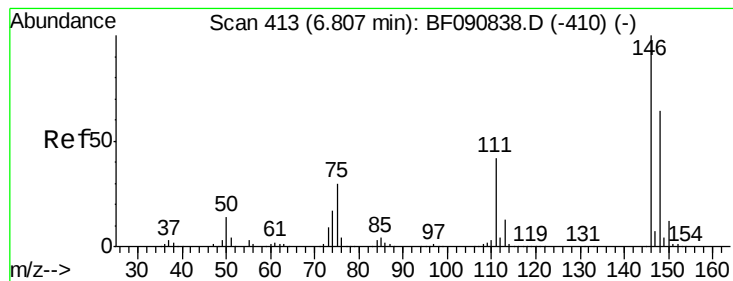
Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.4

75 26.0 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 10.22 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampled :

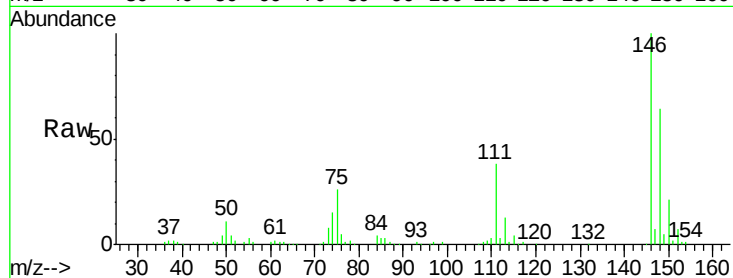
Tot Ion:146 Resp: 154616

Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

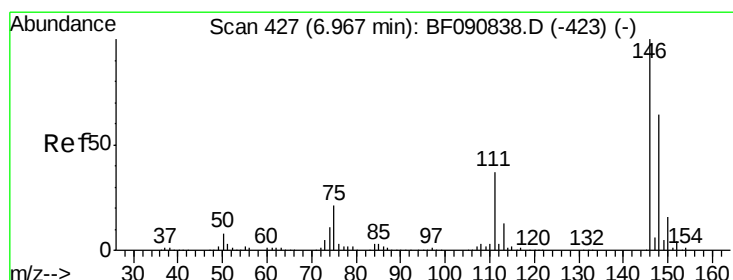
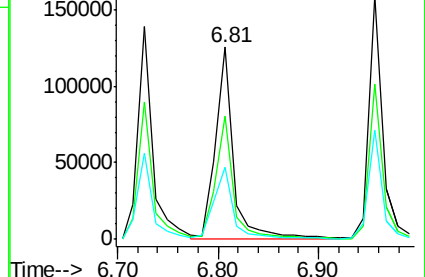
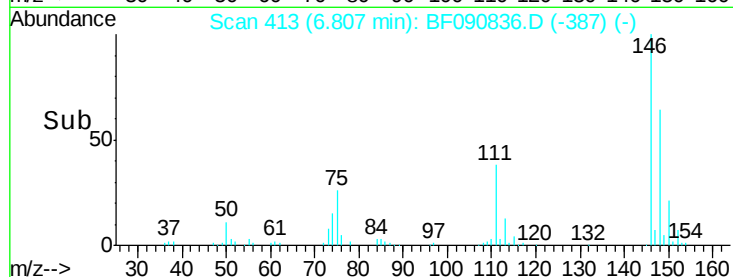
111 37.7 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 10.63 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.16 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

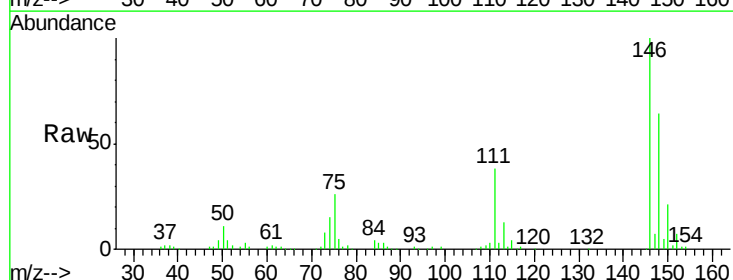
Tgt Ion:146 Resp: 157388

Ion Ratio Lower Upper

146 100

148 63.9 52.7 79.1

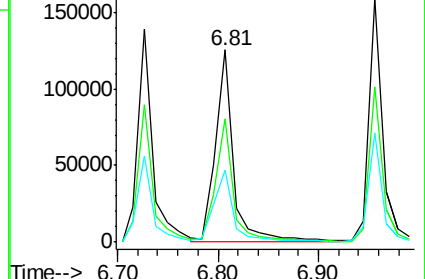
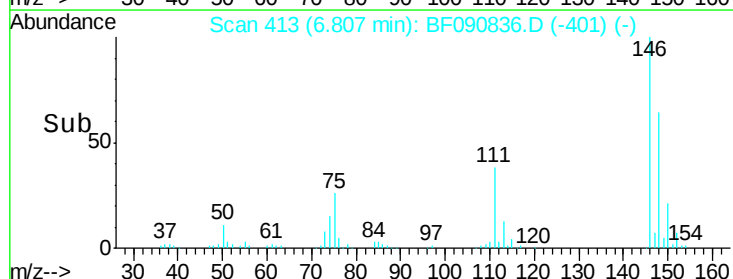
111 37.7 28.8 43.2

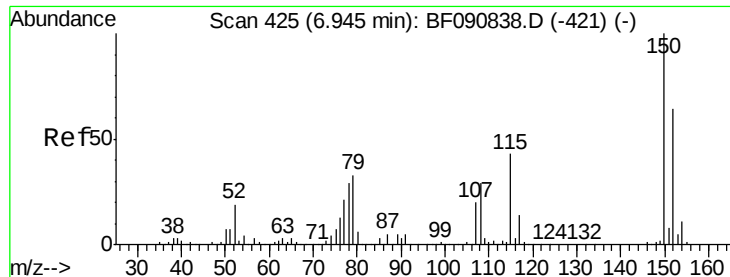


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

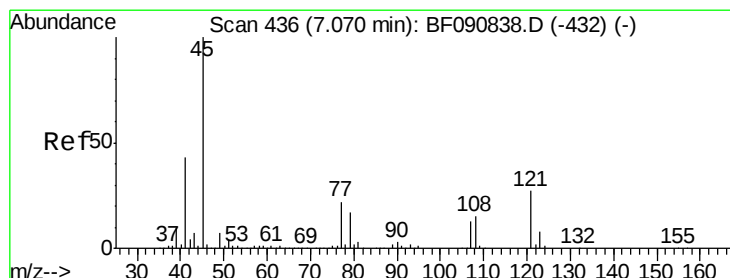
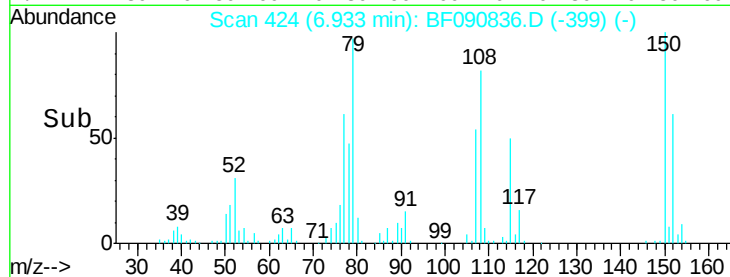
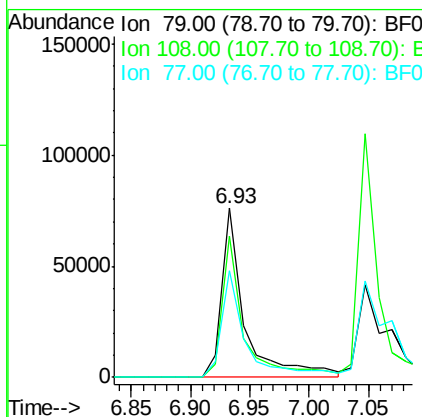
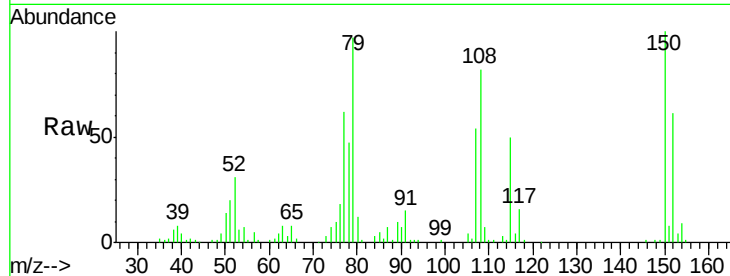




#15
Benzyl Alcohol
Concen: 9.42 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

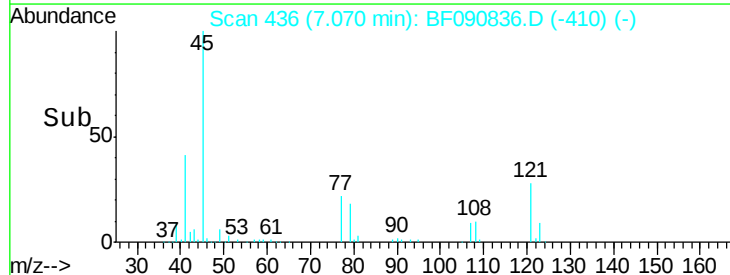
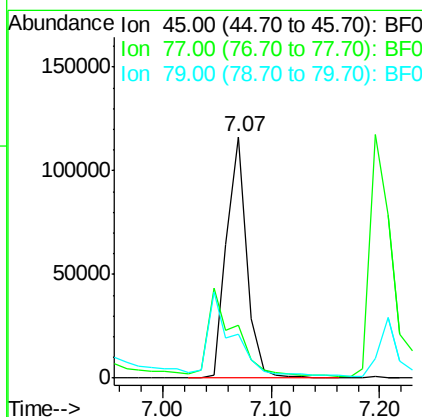
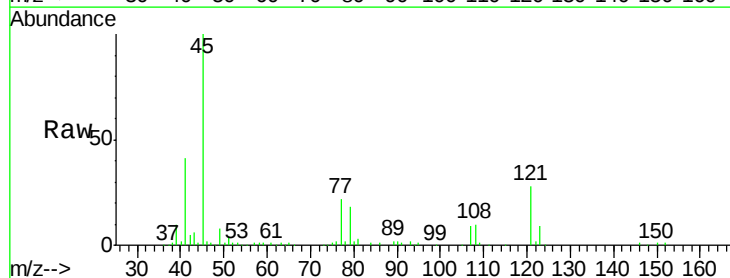
Instrument :
BNA_F
ClientSampled :

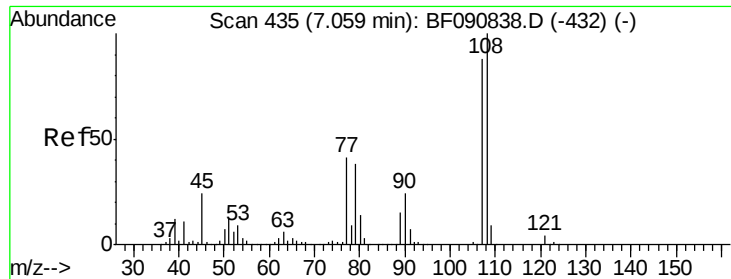
Tot Ion: 79 Resp: 102469
Ion Ratio Lower Upper
79 100
108 83.9 88.6 132.8#
77 63.4 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.60 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

Tgt Ion: 45 Resp: 149454
Ion Ratio Lower Upper
45 100
77 22.1 0.0 28.1
79 18.3 0.0 26.0





#17

2-Methylphenol

Concen: 10.08 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 107778

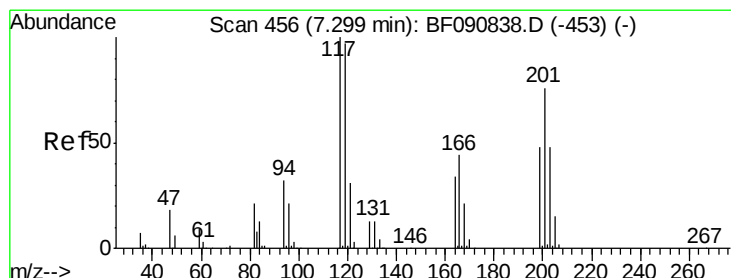
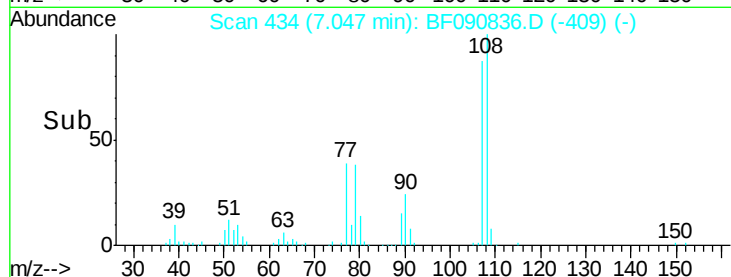
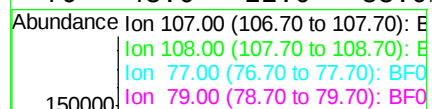
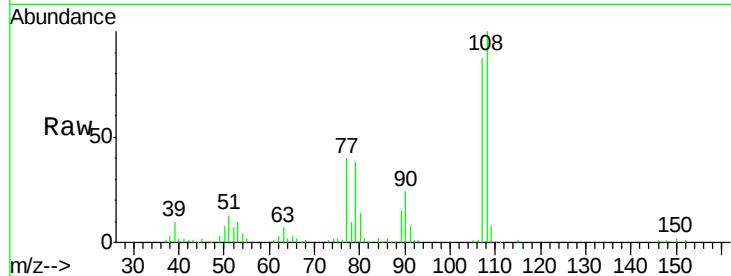
Ion Ratio Lower Upper

107 100

108 114.6 96.6 145.0

77 45.6 23.3 34.9#

79 43.6 22.0 33.0#



#18

Hexachloroethane

Concen: 9.17 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

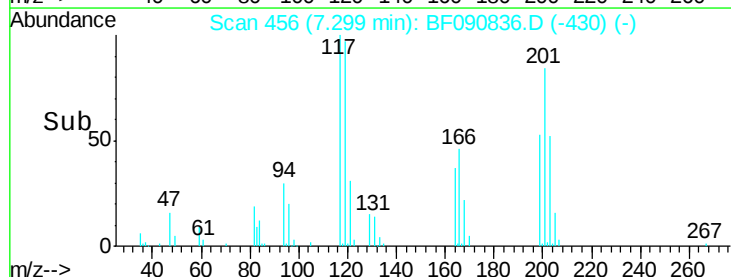
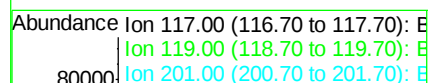
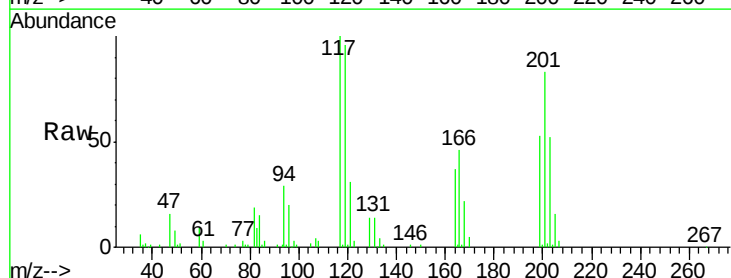
Tgt Ion:117 Resp: 56309

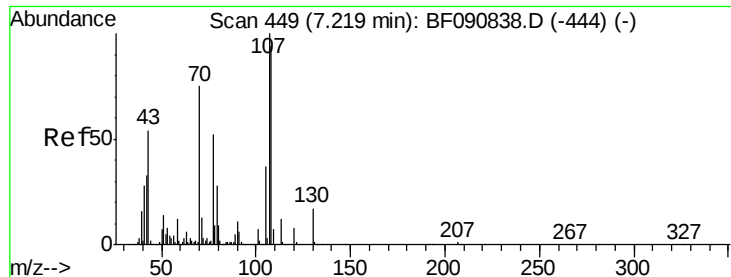
Ion Ratio Lower Upper

117 100

119 96.4 83.8 125.6

201 83.4 55.1 82.7#

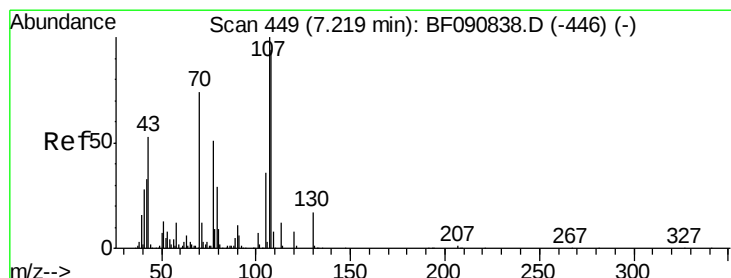
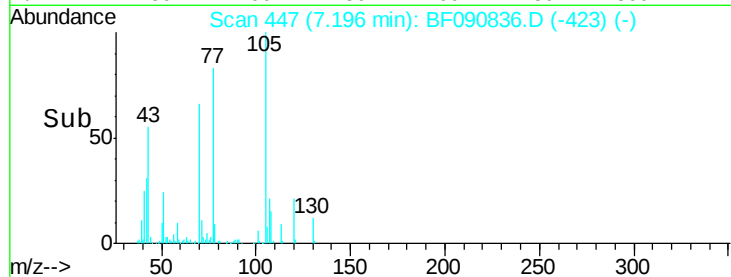
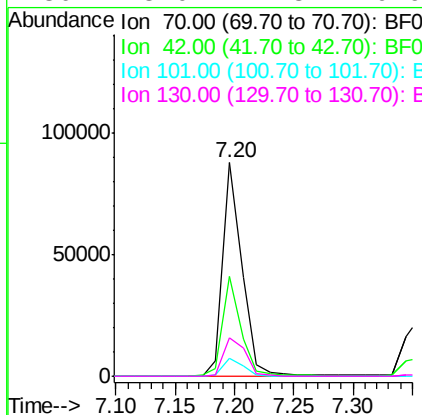
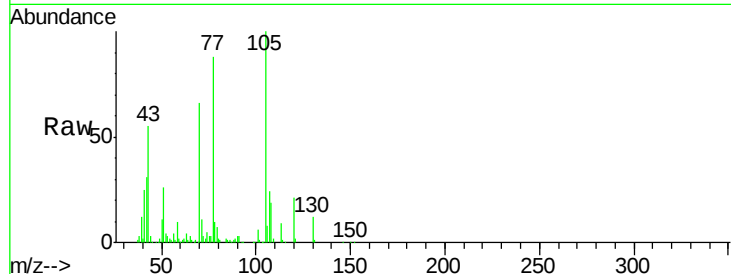




#19
n-Nitroso-di-n-propylamine
Concen: 8.30 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

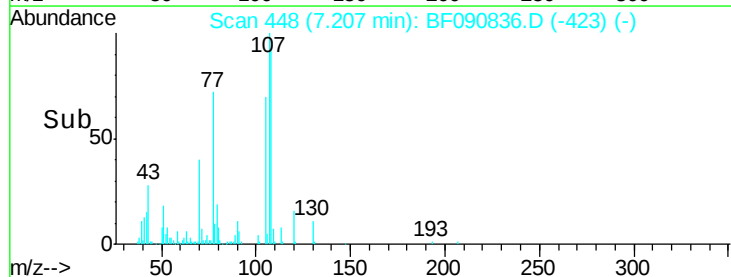
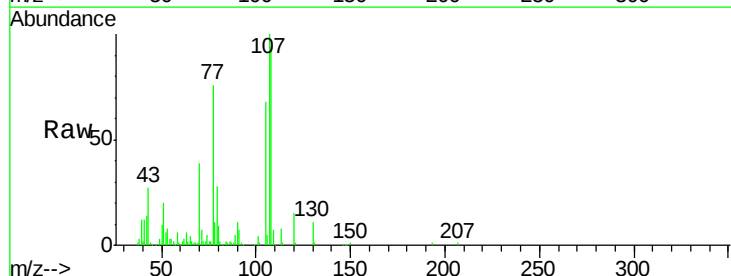
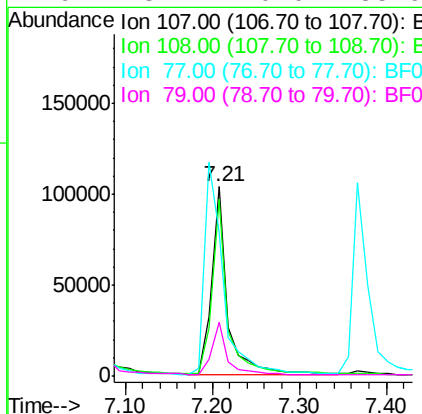
Instrument :
BNA_F
ClientSampleId :

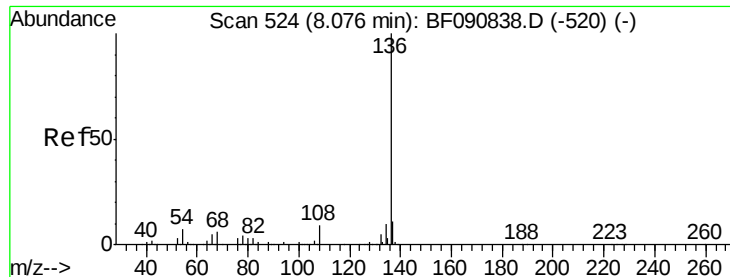
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.0	63.8	95.6#
101	8.7	9.2	13.8#
130	18.0	27.3	40.9#



#20
3+4-Methylphenols
Concen: 10.48 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.7	74.6	114.6
77	75.5	0.7	40.7#
79	28.1	0.0	38.9

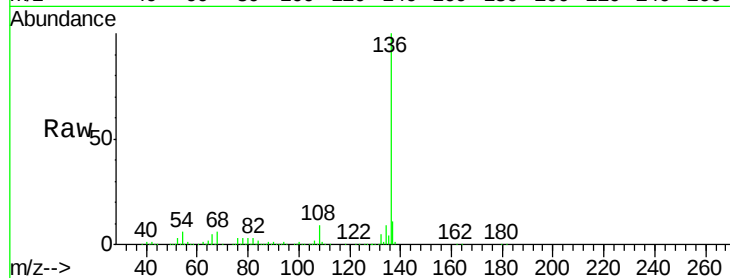




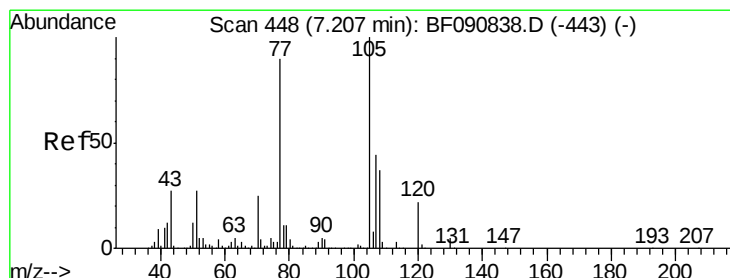
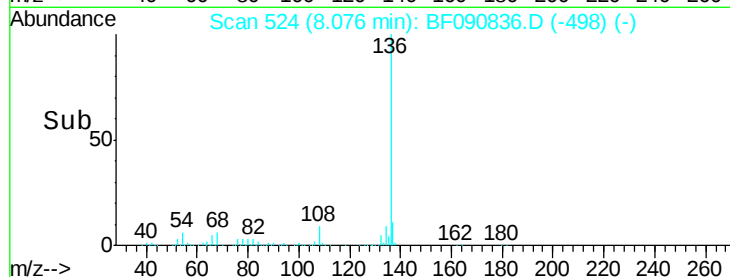
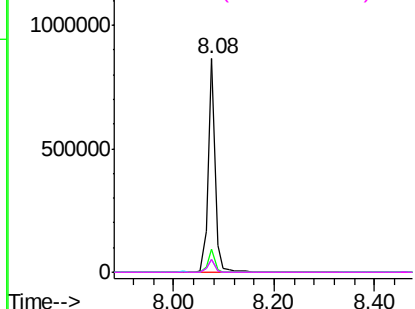
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	819867
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	6.0	8.2 12.2#
68	5.7	5.8 8.6#

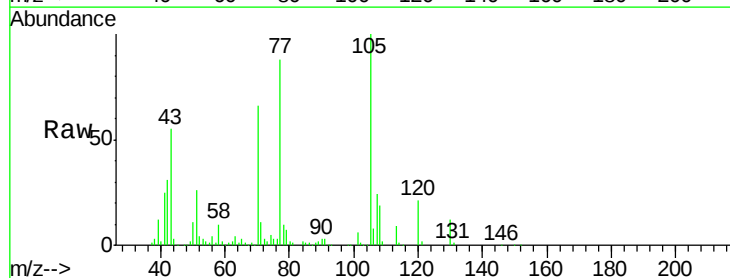


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

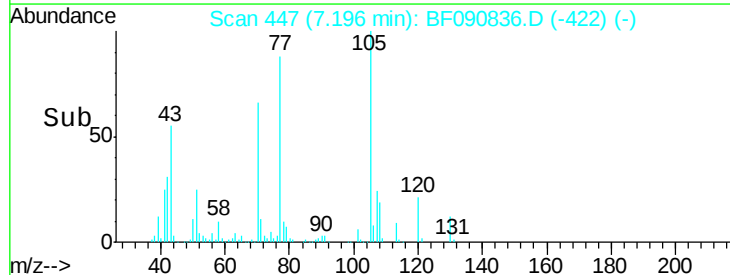
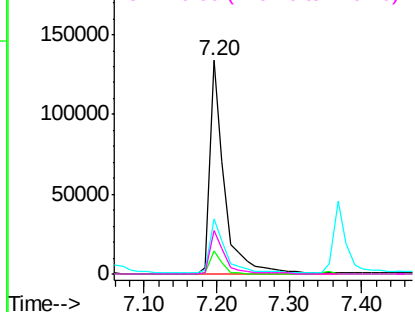


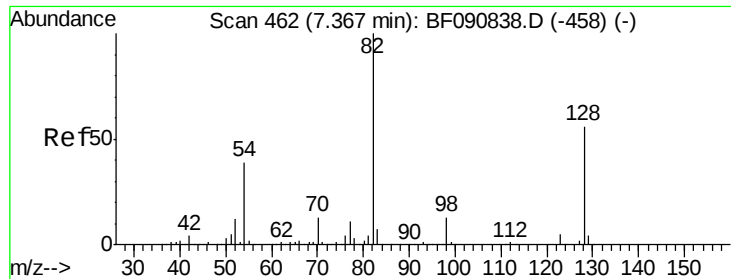
#22
Acetophenone
Concen: 10.14 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

Tgt Ion:105	Resp:	185342
Ion Ratio	Lower	Upper
105	100	
71	11.1	4.7 7.1#
51	26.0	22.0 33.0
120	20.5	30.1 45.1#



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

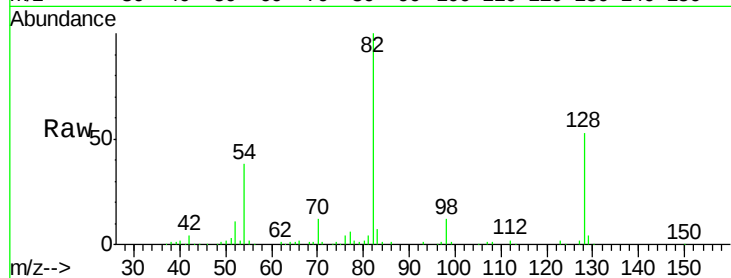




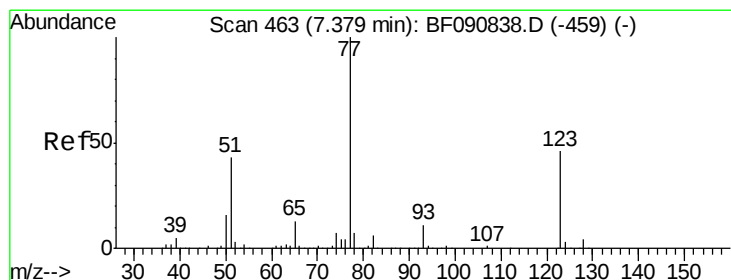
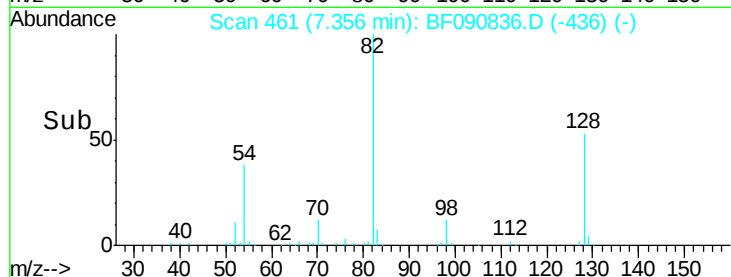
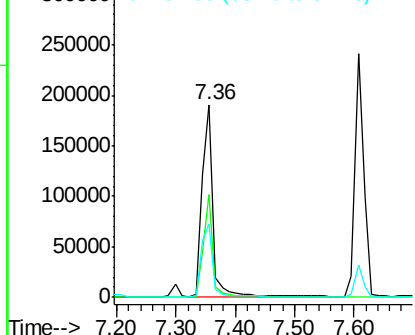
#23
 Nitrobenzene-d5
 Concen: 17.42 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 260443
 Ion Ratio Lower Upper
 82 100
 128 53.1 51.0 76.6
 54 37.8 47.5 71.3#

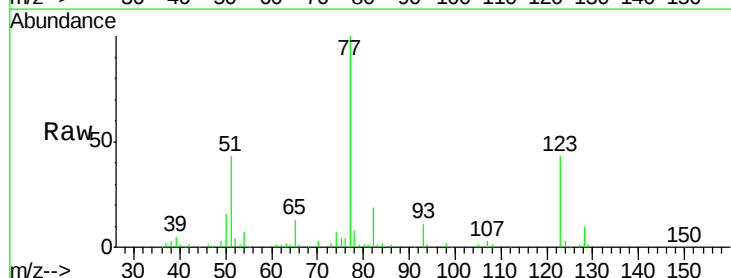


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

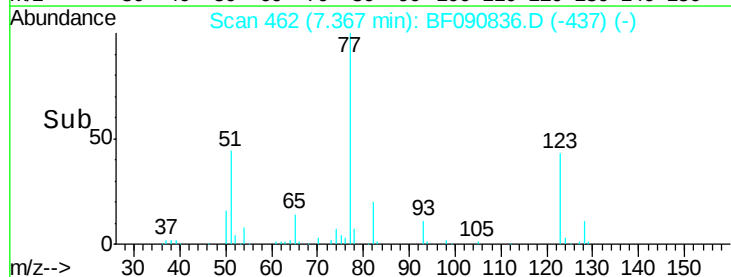
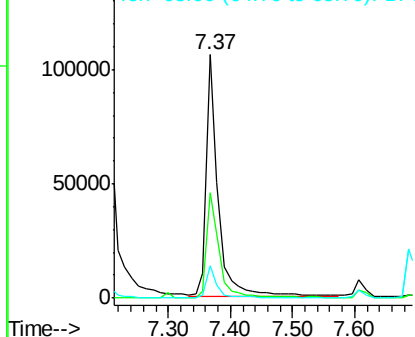


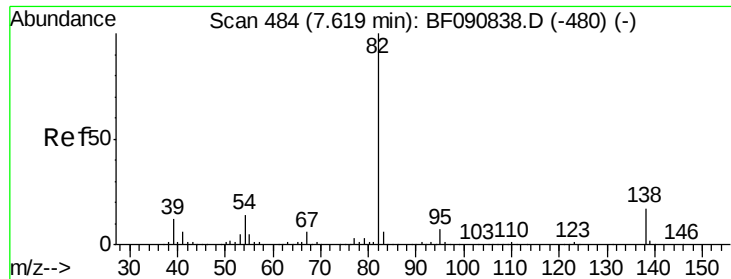
#24
 Nitrobenzene
 Concen: 8.59 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

Tgt Ion: 77 Resp: 139236
 Ion Ratio Lower Upper
 77 100
 123 43.0 59.8 89.8#
 65 13.1 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 8.84 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

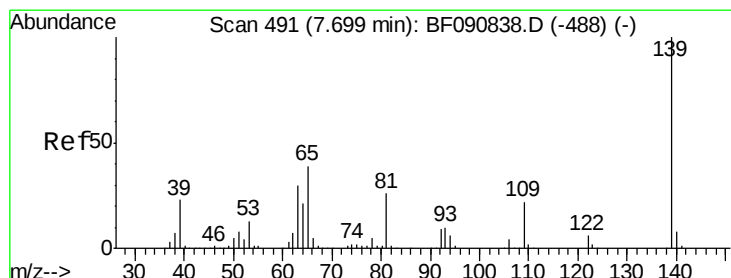
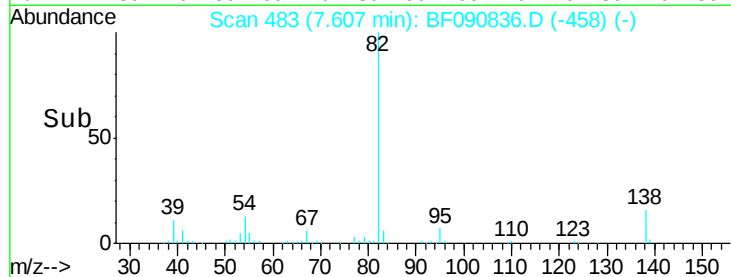
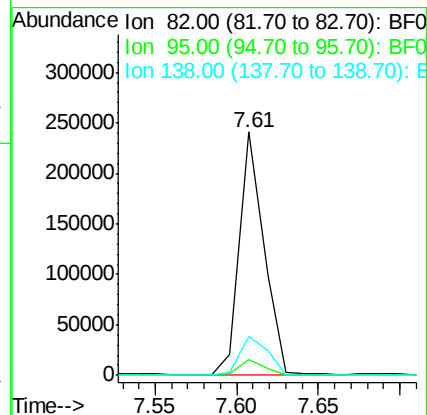
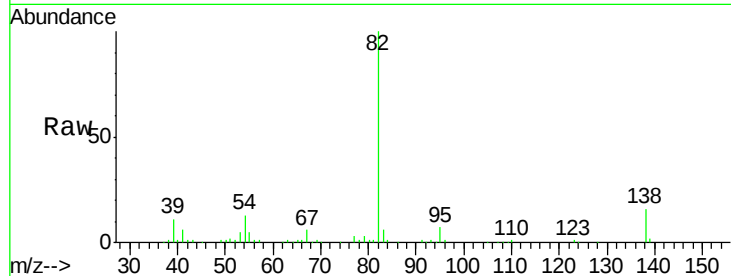
Tot Ion: 82 Resp: 250115

Ion Ratio Lower Upper

82 100

95 6.6 4.0 6.0#

138 15.8 18.3 27.5#



#26

2-Nitrophenol

Concen: 10.27 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

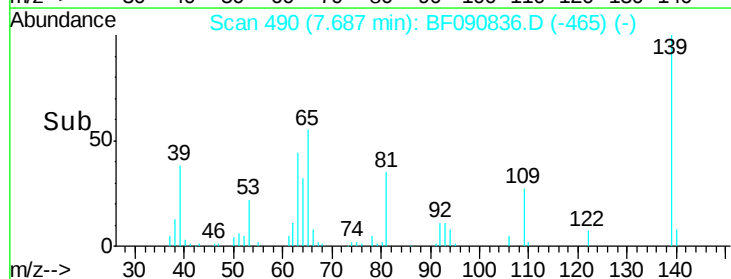
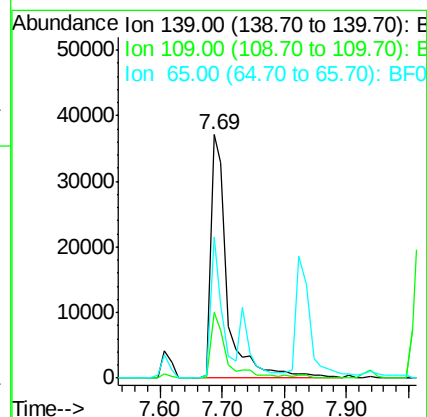
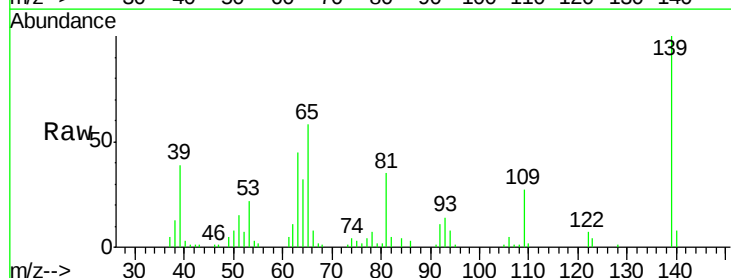
Tgt Ion: 139 Resp: 67973

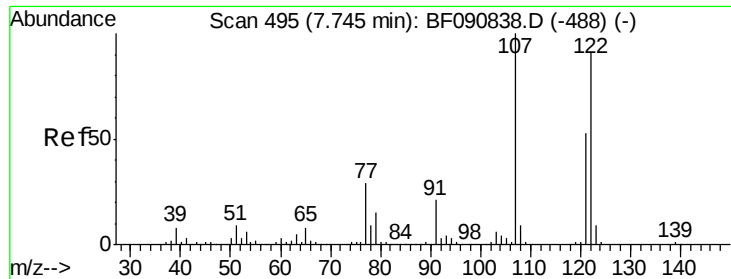
Ion Ratio Lower Upper

139 100

109 26.8 11.0 16.4#

65 58.0 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 9.80 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

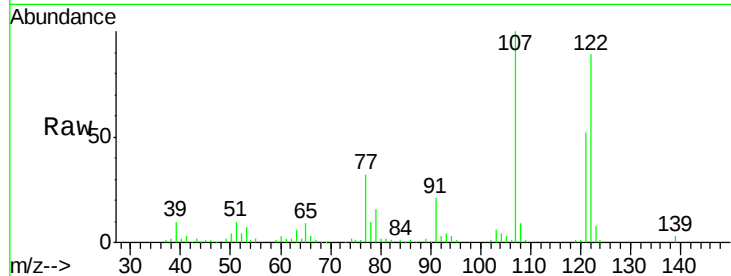
Tot Ion:122 Resp: 114984

Ion Ratio Lower Upper

122 100

107 112.7 71.8 107.6#

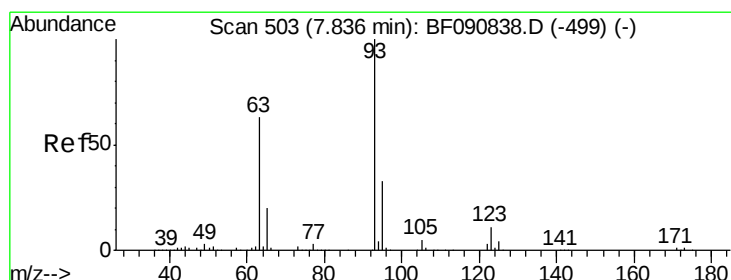
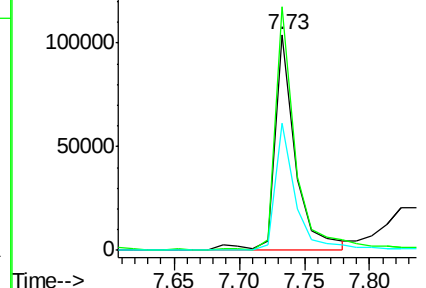
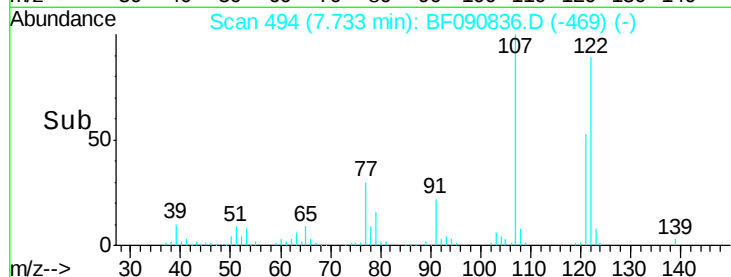
121 59.0 42.3 63.5



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: 9.07 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

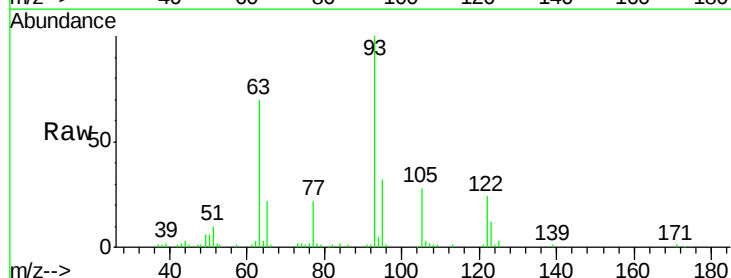
Tgt Ion: 93 Resp: 140462

Ion Ratio Lower Upper

93 100

95 31.7 27.5 41.3

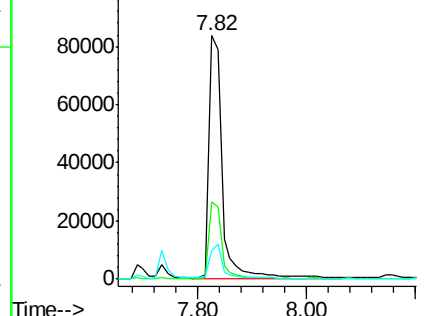
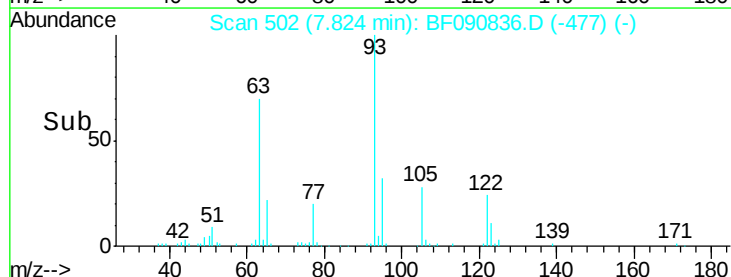
123 11.6 13.7 20.5#

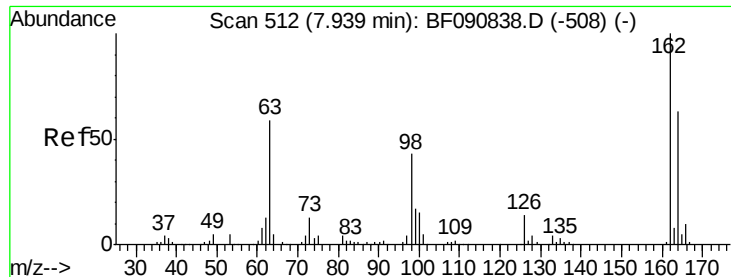


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

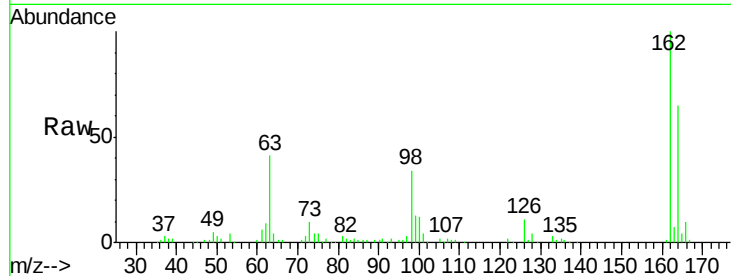




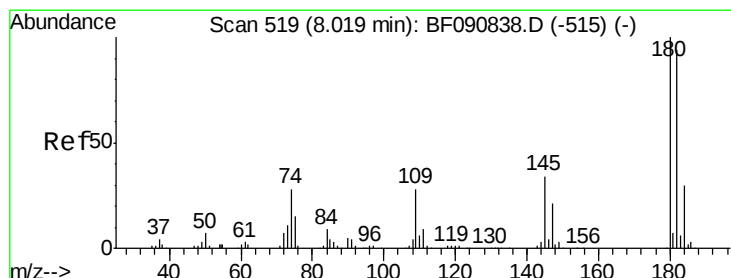
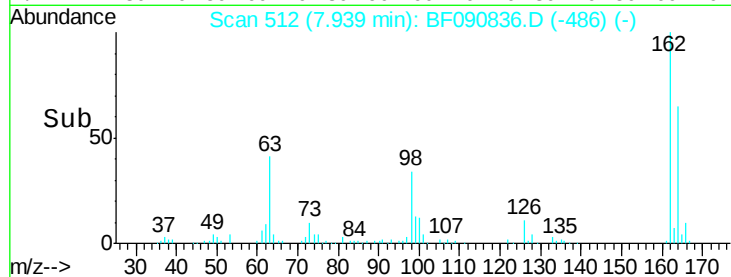
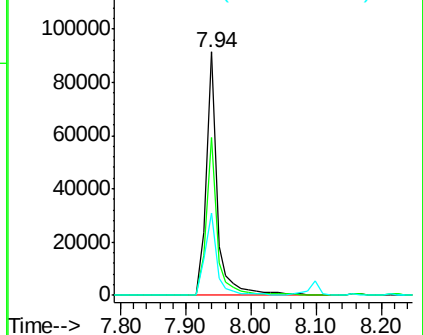
#29
 2,4-Dichlorophenol
 Concen: 11.20 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.9	84.9
98	33.7	13.0	53.0

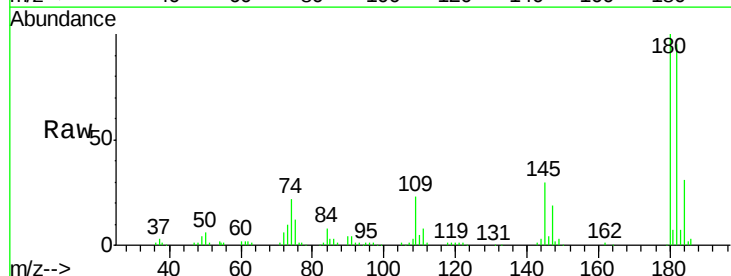


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

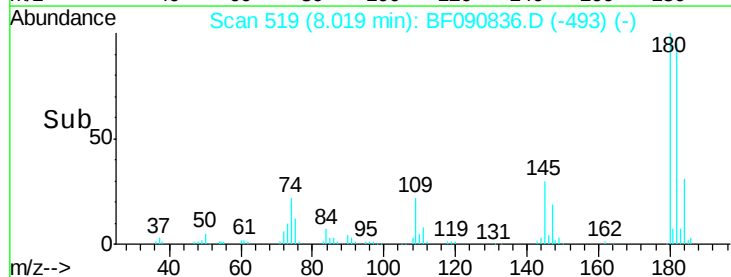
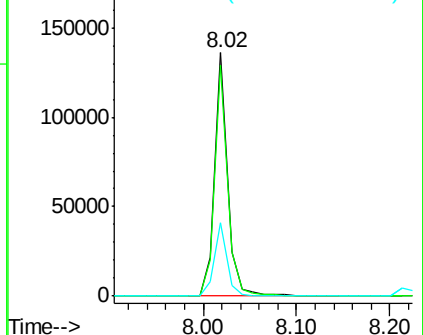


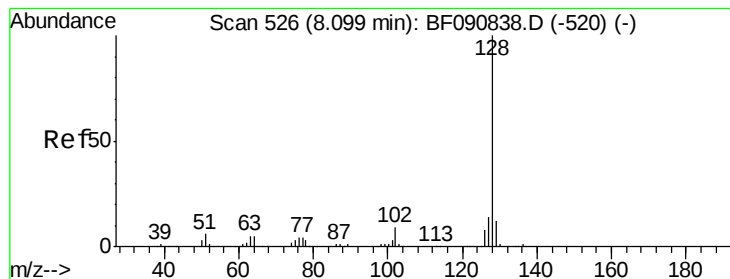
#30
 1,2,4-Trichlorobenzene
 Concen: 11.63 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.1	115.7
145	30.2	23.3	34.9



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: 10.70 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

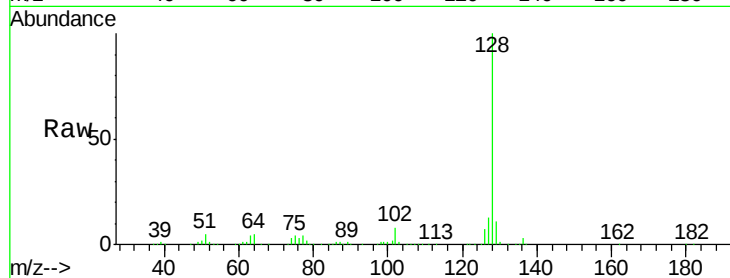
Tot Ion:128 Resp: 429323

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

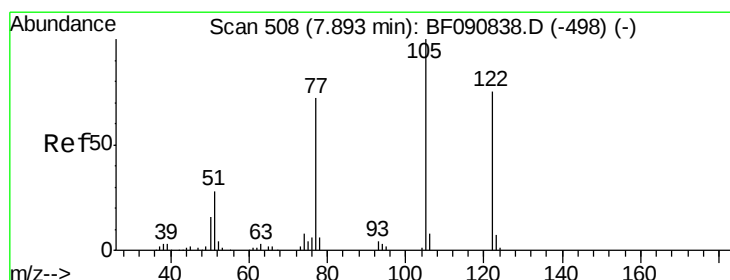
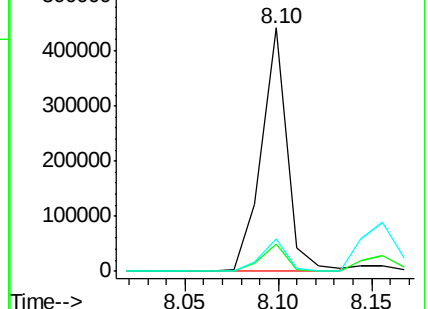
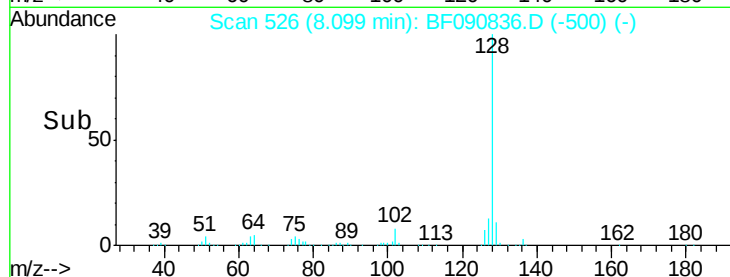
127 13.1 9.9 14.9



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: 14.03 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.06 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

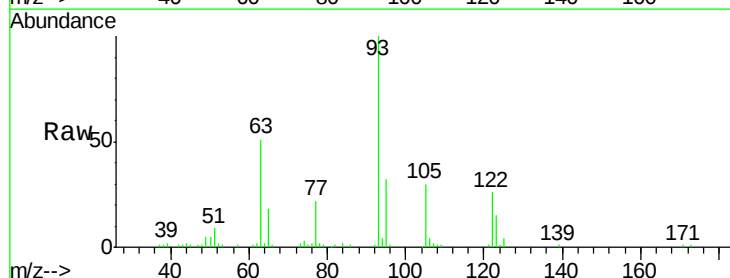
Tgt Ion:122 Resp: 63682

Ion Ratio Lower Upper

122 100

105 114.3 76.1 116.1

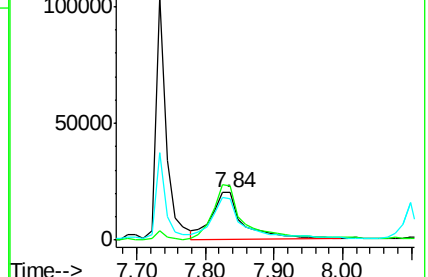
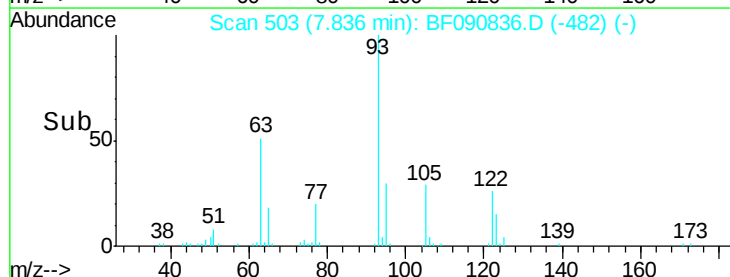
77 85.4 40.5 80.5#

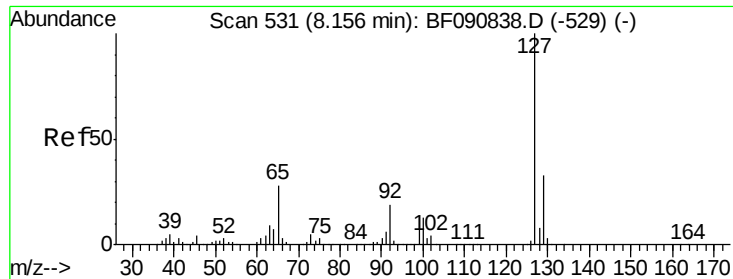


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

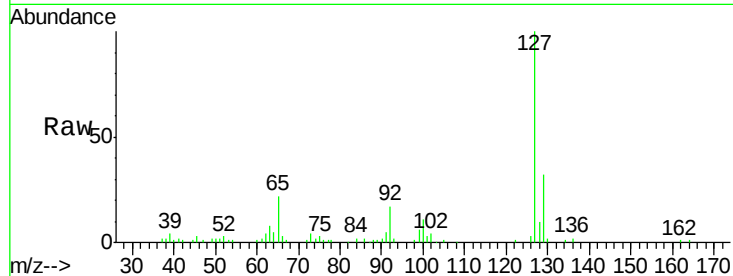




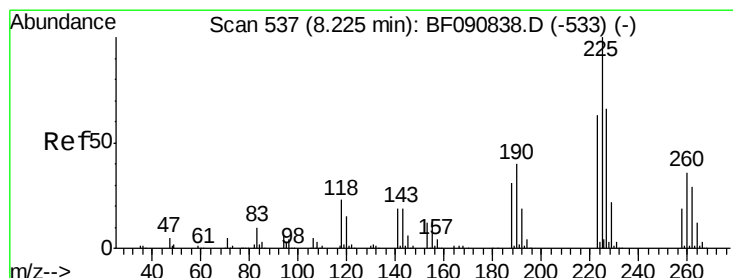
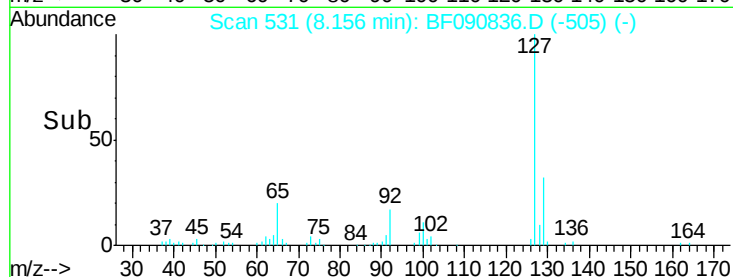
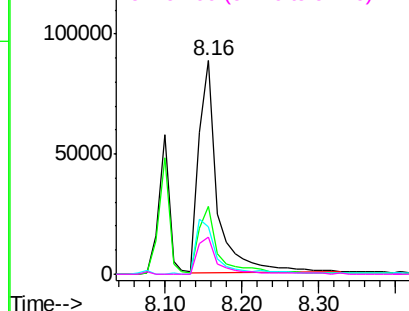
#33
4-Chloroaniline
Concen: 9.98 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	148418
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	22.3	17.9	26.9
92	17.3	10.5	15.7

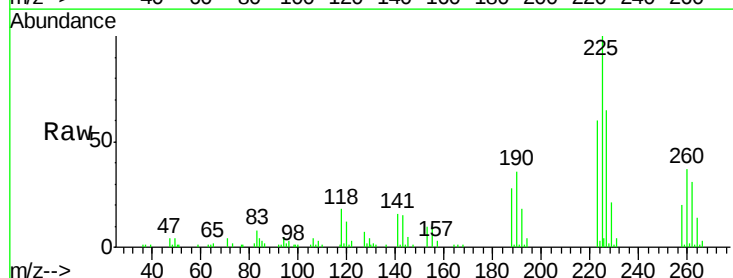


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

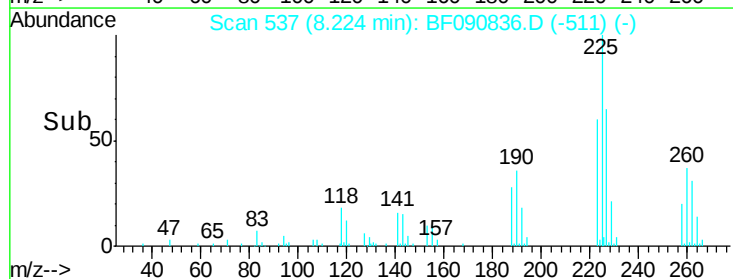
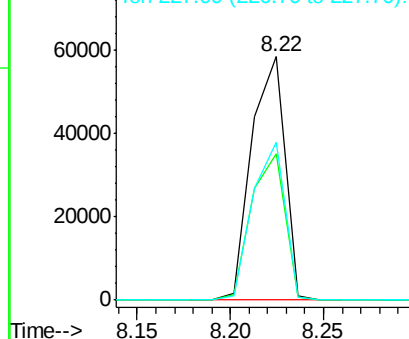


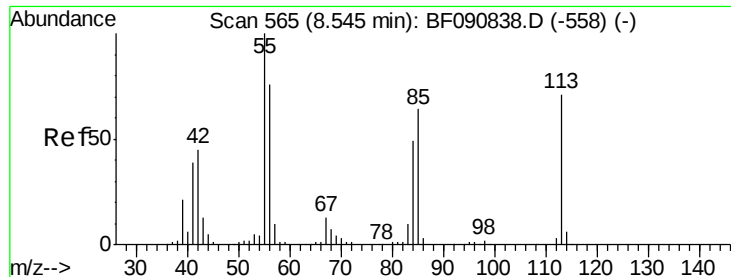
#34
Hexachlorobutadiene
Concen: 11.32 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

Tgt Ion:	225	Resp:	72192
Ion	Ratio	Lower	Upper
225	100		
223	60.4	50.2	75.2
227	64.8	52.2	78.2



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





#35

Caprolactam

Concen: 12.17 ng

RT: 8.49 min Scan# 560

Delta R.T. -0.06 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

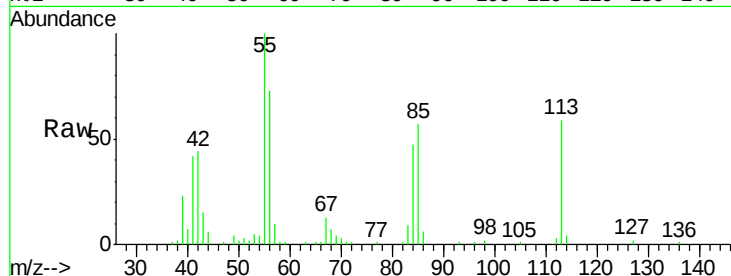
Tot Ion:113 Resp: 33485

Ion Ratio Lower Upper

113 100

55 169.8 152.4 192.4

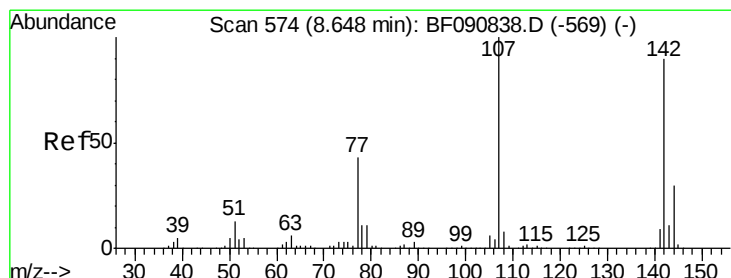
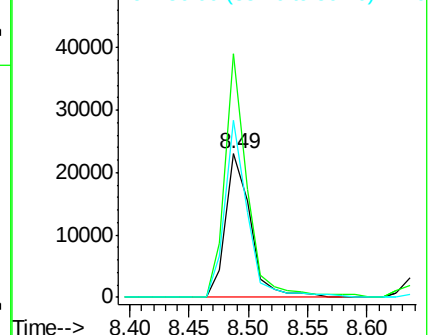
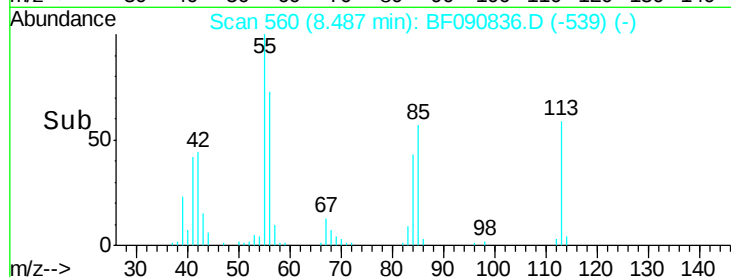
56 123.2 104.6 144.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 10.85 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

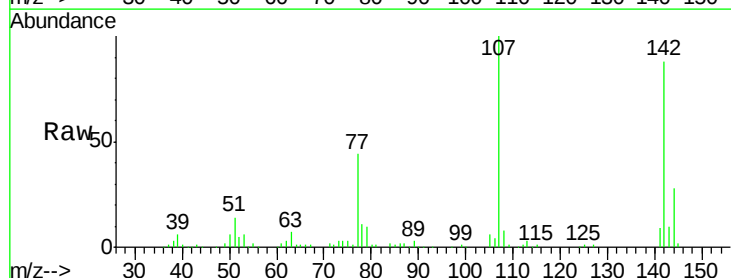
Tgt Ion:107 Resp: 121543

Ion Ratio Lower Upper

107 100

144 27.8 25.4 38.0

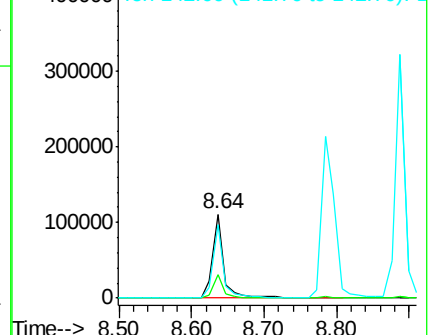
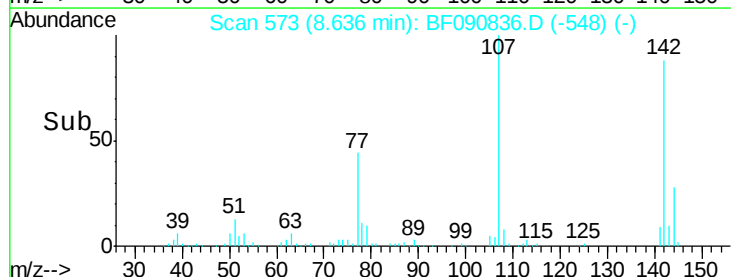
142 87.6 77.3 115.9

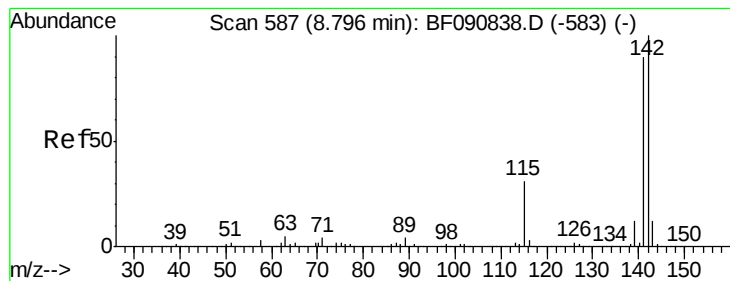


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 11.30 ng

RT: 8.78 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

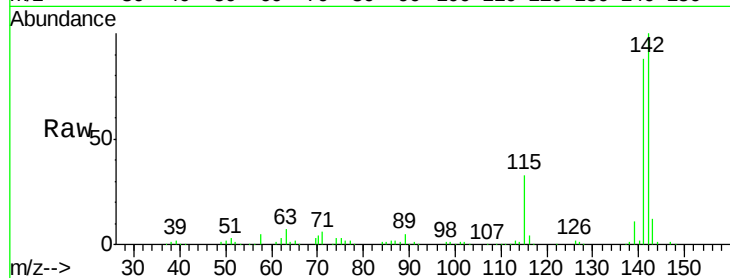
Tot Ion:142 Resp: 264823

Ion Ratio Lower Upper

142 100

141 88.5 67.5 101.3

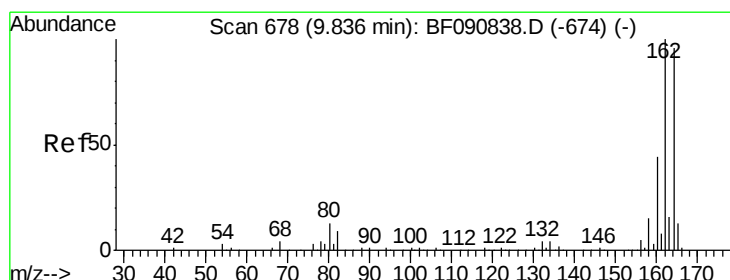
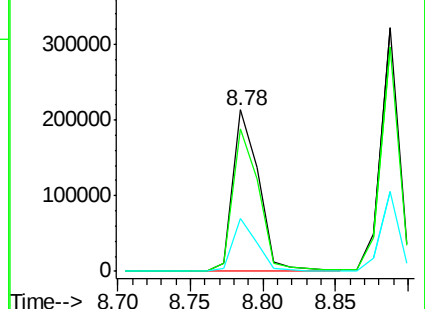
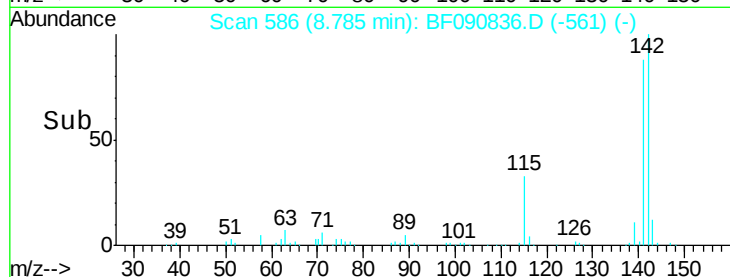
115 32.6 18.2 27.2#



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: 9.84 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

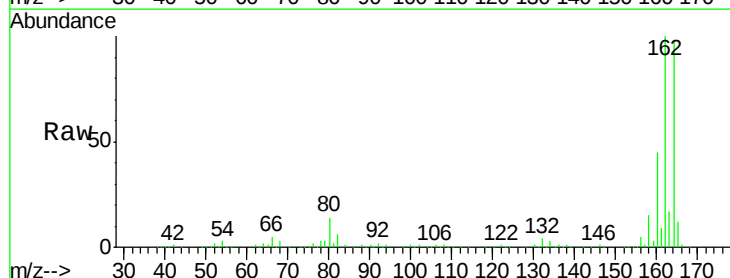
Tgt Ion:164 Resp: 457204

Ion Ratio Lower Upper

164 100

162 101.7 75.2 112.8

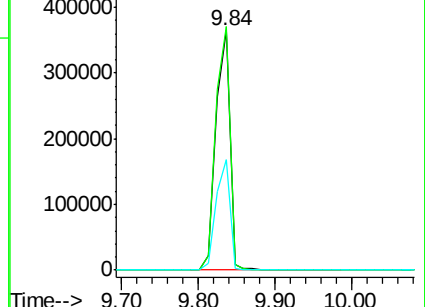
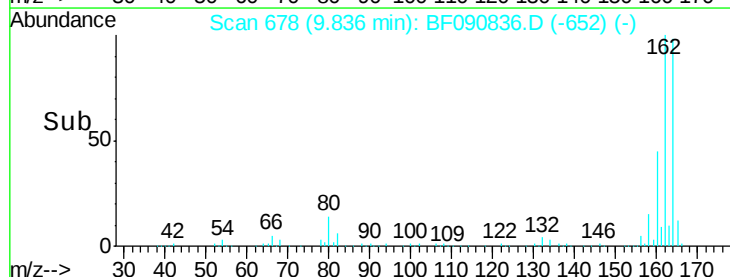
160 46.0 31.5 47.3

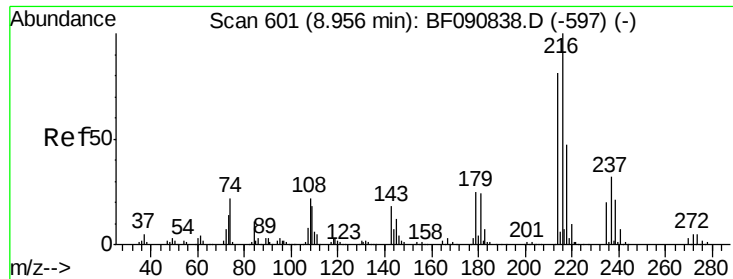


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

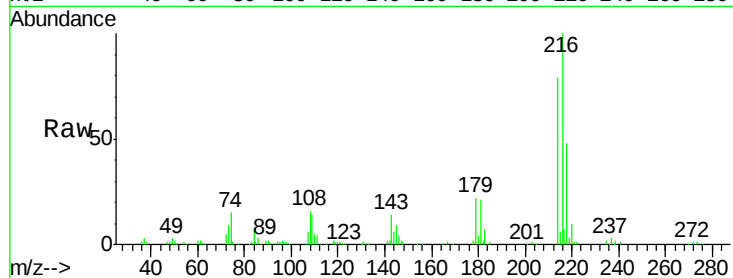




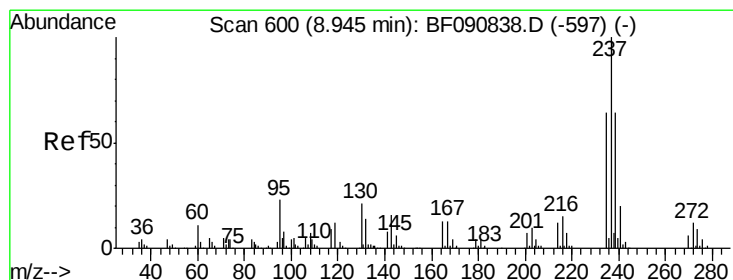
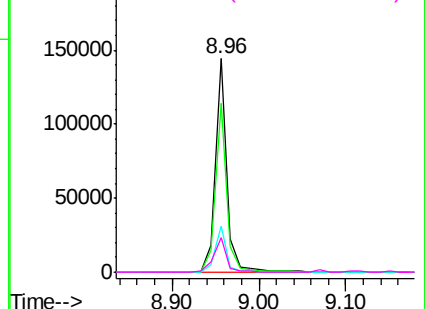
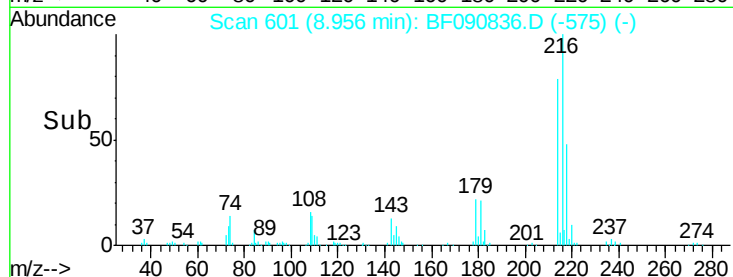
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 10.93 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216	Resp:	134927
Ion Ratio	Lower	Upper
216	100	
214	78.5	63.5 95.3
179	21.1	16.6 24.8
108	18.1	16.3 24.5

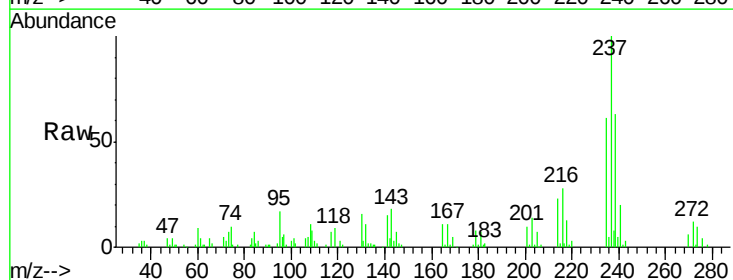


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

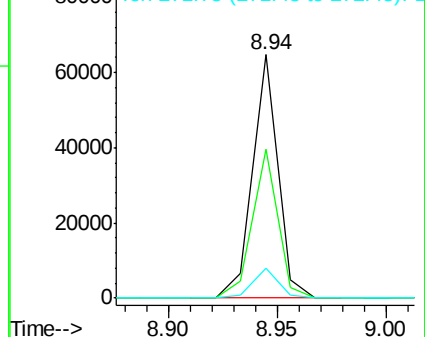
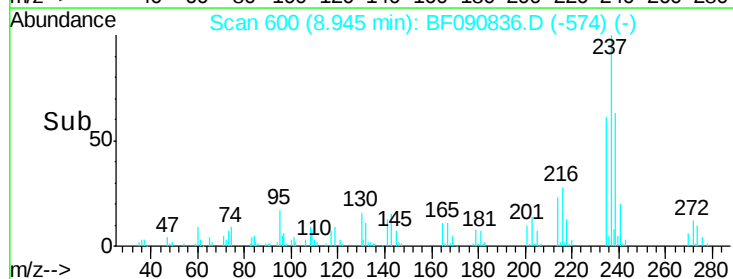


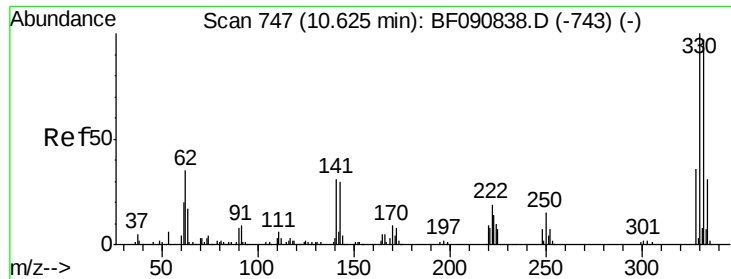
#40
 Hexachlorocyclopentadiene
 Concen: 9.01 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

Tgt Ion:237	Resp:	52210
Ion Ratio	Lower	Upper
237	100	
235	61.0	42.0 82.0
272	12.3	0.0 36.1



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

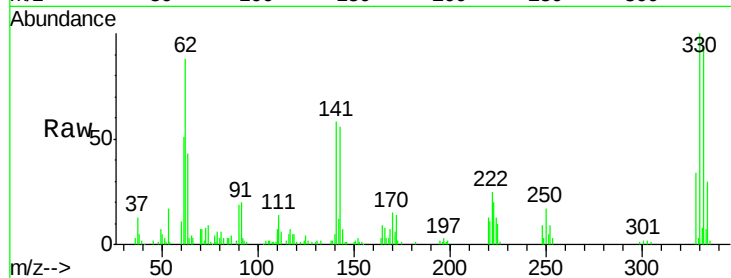




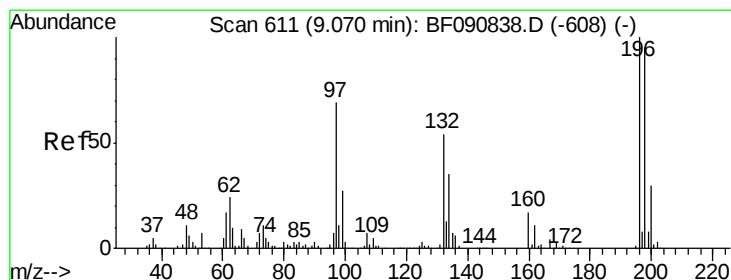
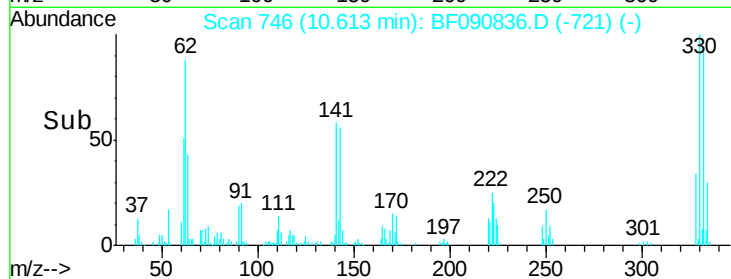
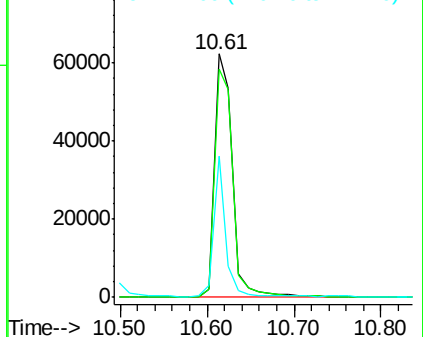
#41
 2,4,6-Tribromophenol
 Concen: 24.88 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 90033
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 40.4 29.7 44.5

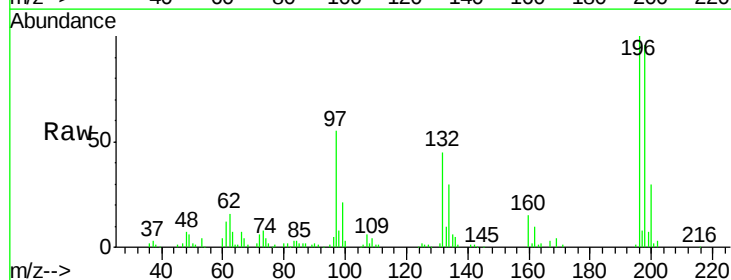


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

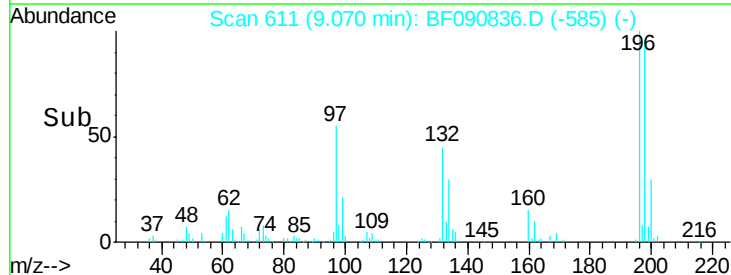
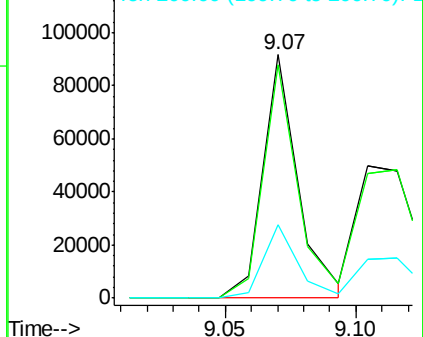


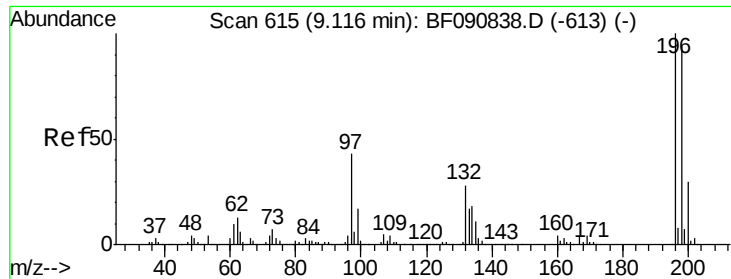
#42
 2,4,6-Trichlorophenol
 Concen: 11.26 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

Tgt Ion:196 Resp: 86180
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.7 113.5
 200 30.1 23.9 35.9



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

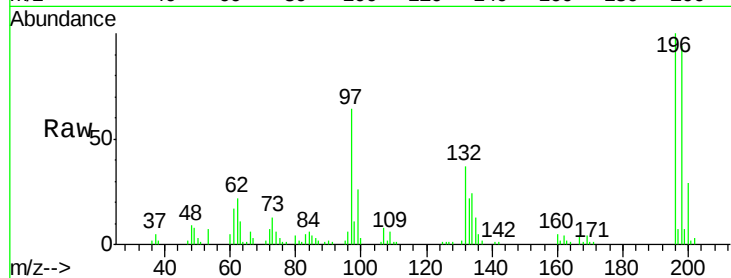




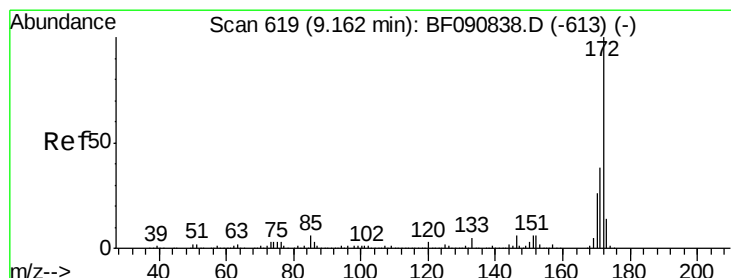
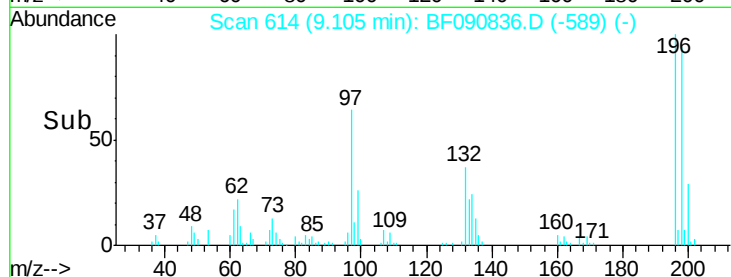
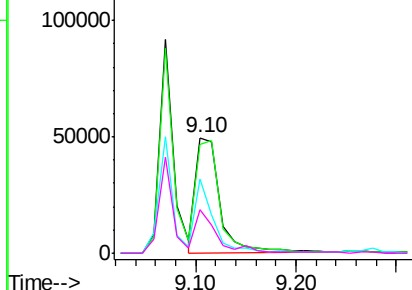
#43
 2,4,5-Trichlorophenol
 Concen: 10.65 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.4	113.0
97	64.3	33.3	49.9
132	37.4	24.6	37.0

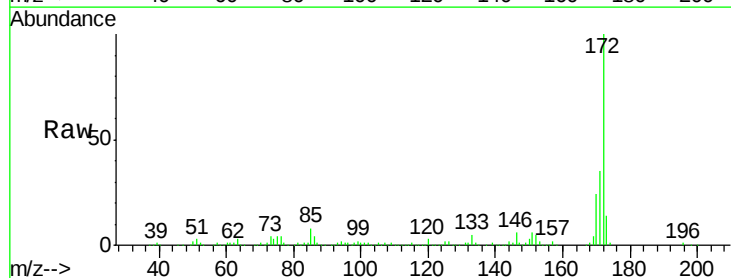


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

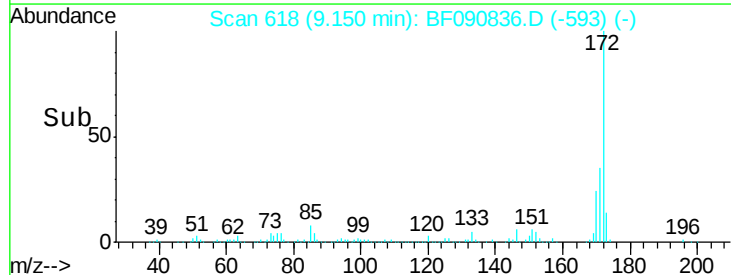
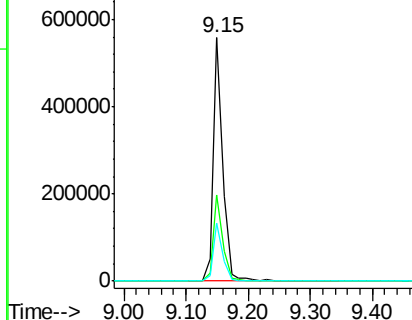


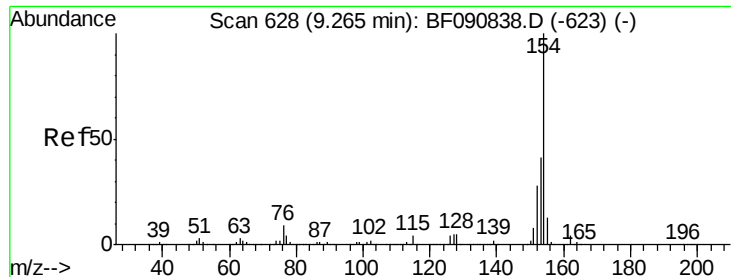
#44
 2-Fluorobiphenyl
 Concen: 19.88 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	23.8	17.4	26.2



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

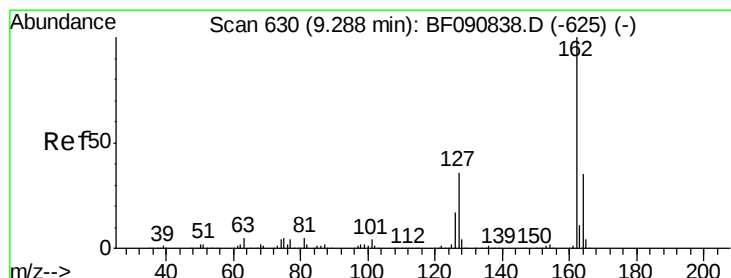
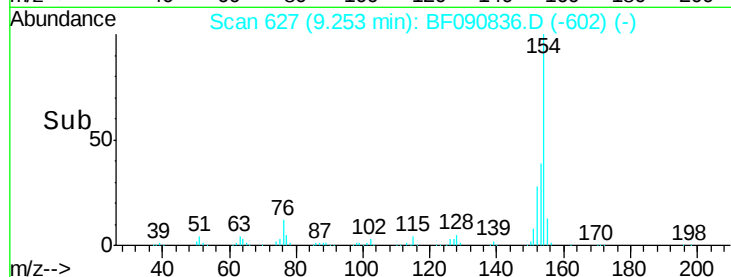
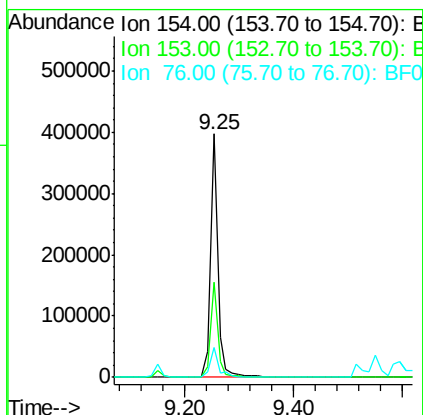
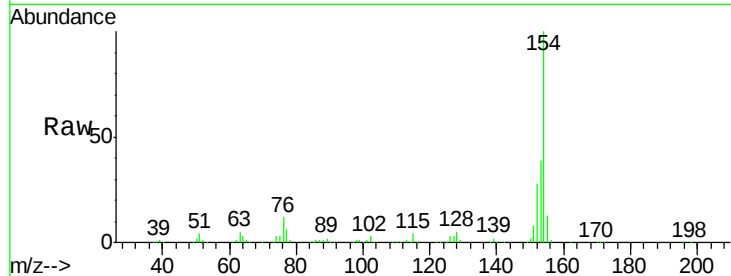




#45
 1,1'-Biphenyl
 Concen: 10.54 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

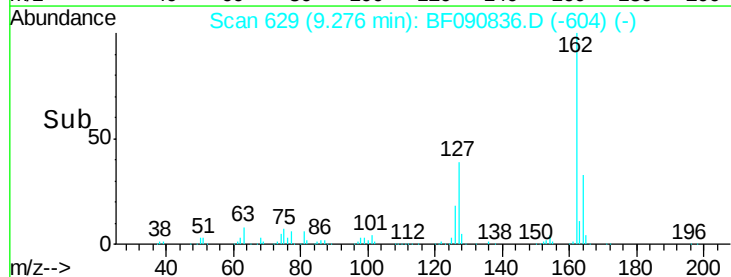
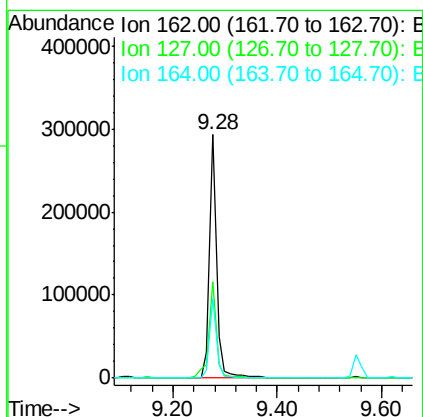
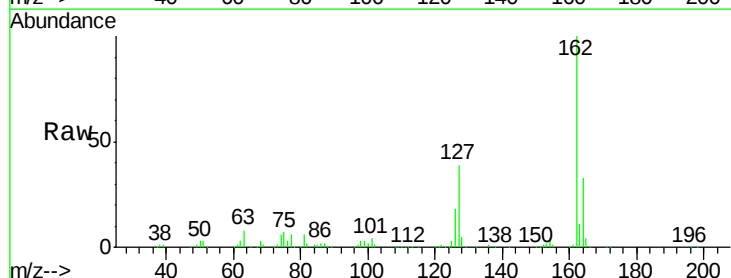
Instrument :
 BNA_F
 ClientSampleId :

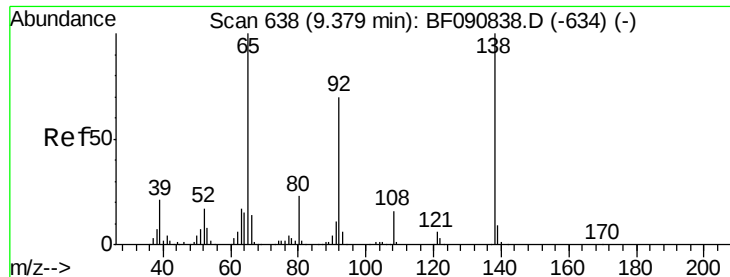
Tot Ion:154 Resp: 378409
 Ion Ratio Lower Upper
 154 100
 153 39.3 17.1 57.1
 76 12.4 0.0 31.6



#46
 2-Chloronaphthalene
 Concen: 10.54 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

Tgt Ion:162 Resp: 281323
 Ion Ratio Lower Upper
 162 100
 127 39.4 27.6 41.4
 164 32.8 25.4 38.2





#47

2-Nitroaniline

Concen: 7.90 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

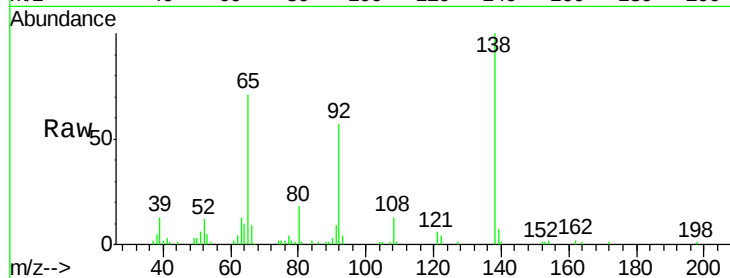
Tot Ion: 65 Resp: 70017

Ion Ratio Lower Upper

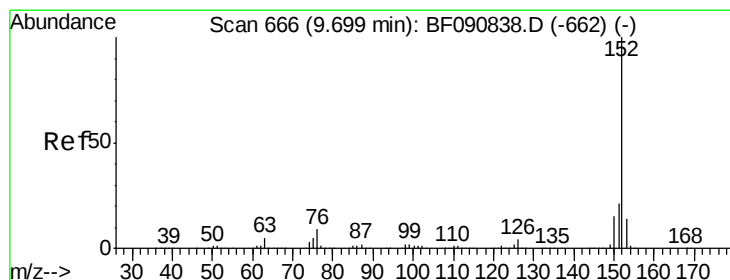
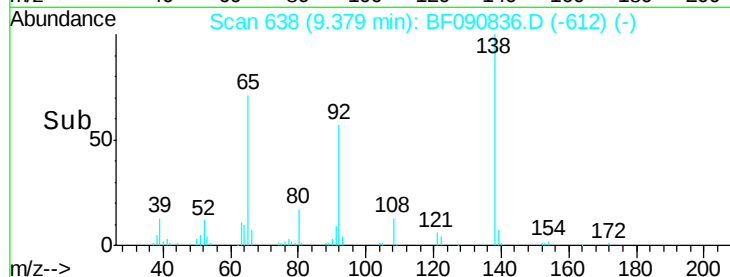
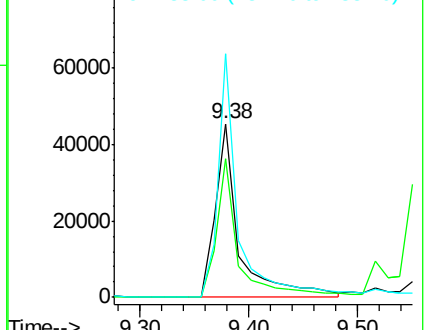
65 100

92 79.9 55.4 83.0

138 140.4 115.5 173.3



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



#48

Acenaphthylene

Concen: 11.25 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

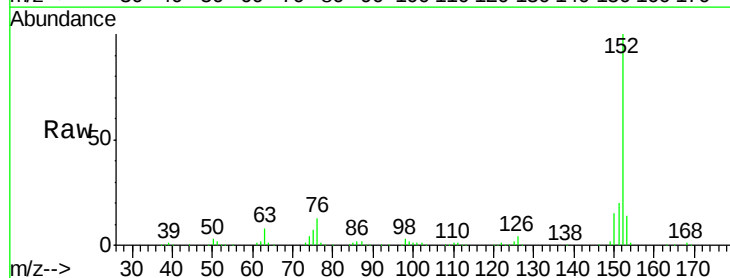
Tgt Ion: 152 Resp: 458099

Ion Ratio Lower Upper

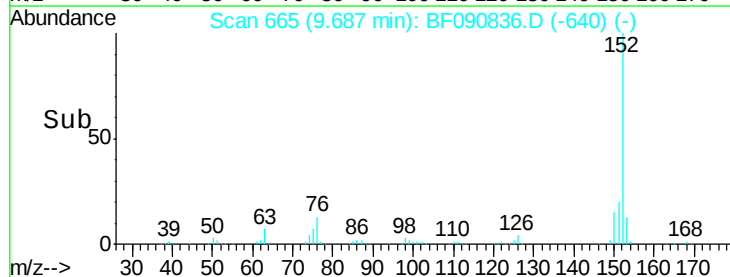
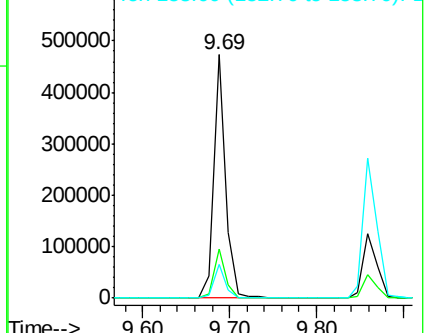
152 100

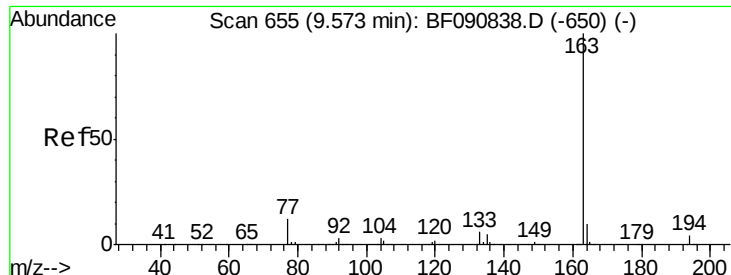
151 20.2 14.6 22.0

153 13.6 10.3 15.5



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

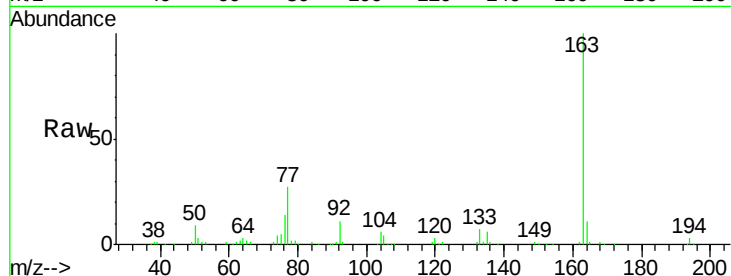




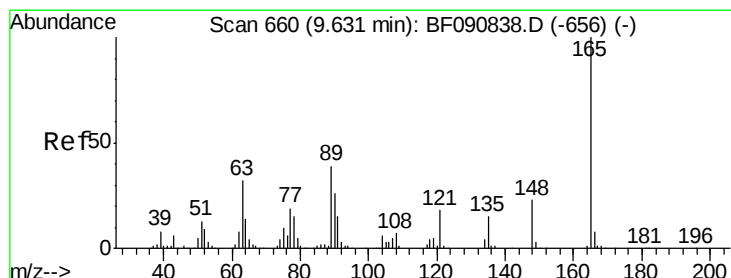
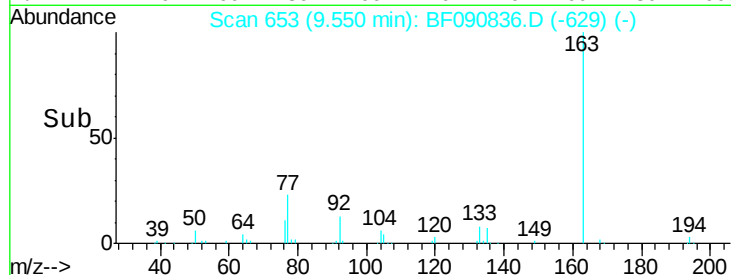
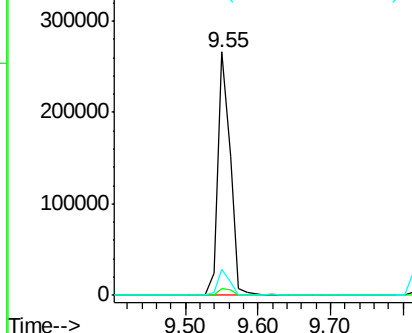
#49
Dimethylphthalate
Concen: 10.97 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 315170
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.6 8.3 12.5

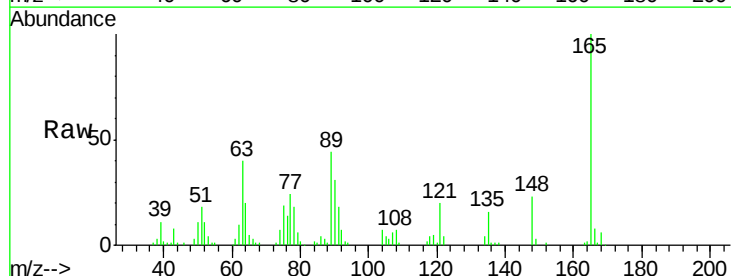


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

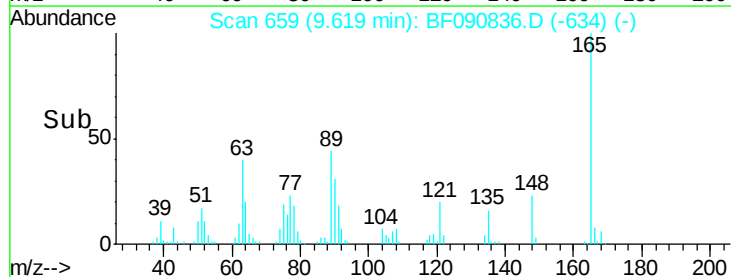
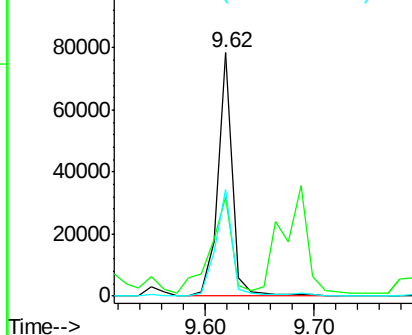


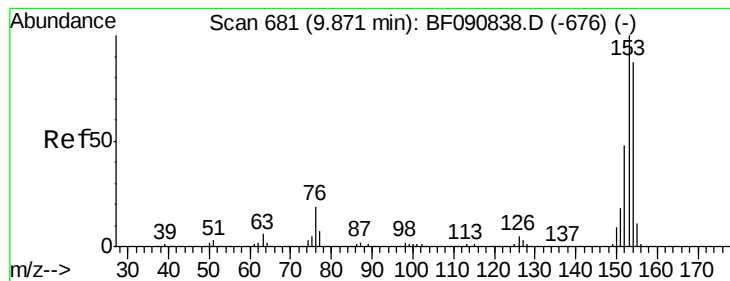
#50
2,6-Dinitrotoluene
Concen: 11.90 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

Tgt Ion:165 Resp: 73537
Ion Ratio Lower Upper
165 100
63 40.5 32.3 48.5
89 43.8 28.6 43.0#



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





#51

Acenaphthene

Concen: 10.34 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

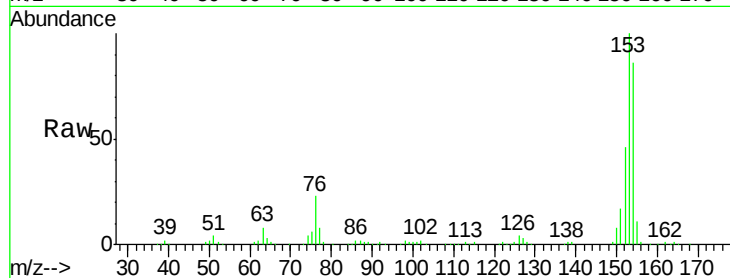
Tot Ion:154 Resp: 279503

Ion Ratio Lower Upper

154 100

153 115.7 82.1 123.1

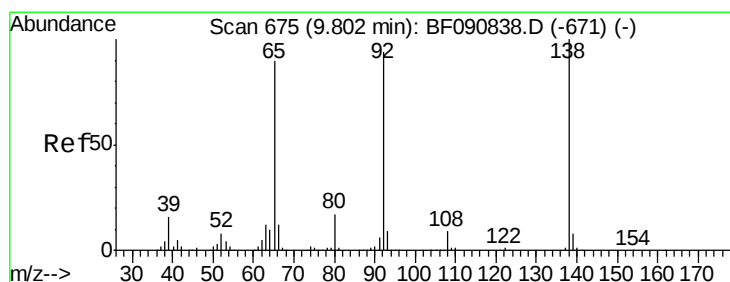
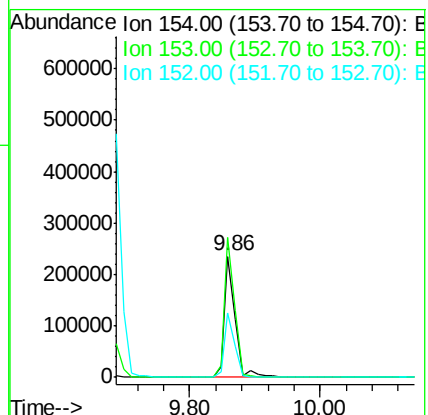
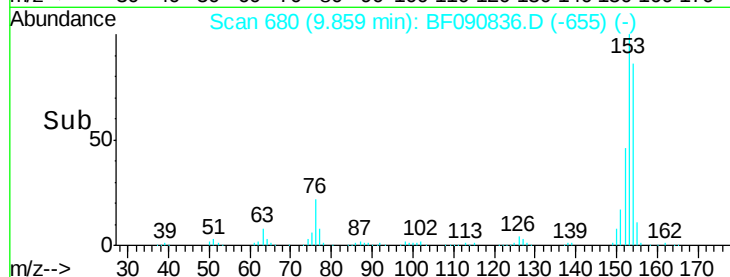
152 53.6 37.9 56.9



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: 9.46 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

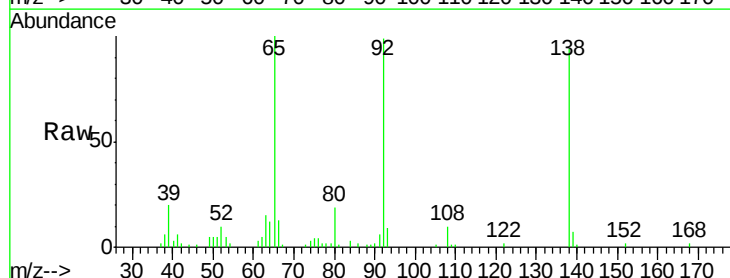
Tgt Ion:138 Resp: 67171

Ion Ratio Lower Upper

138 100

108 10.3 5.7 8.5#

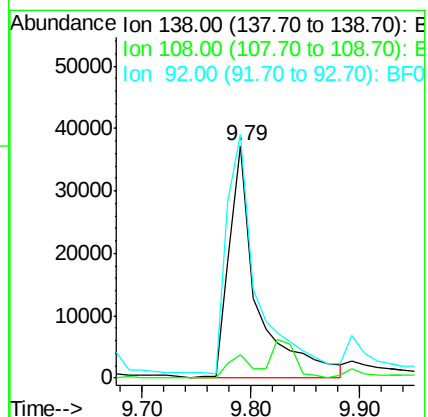
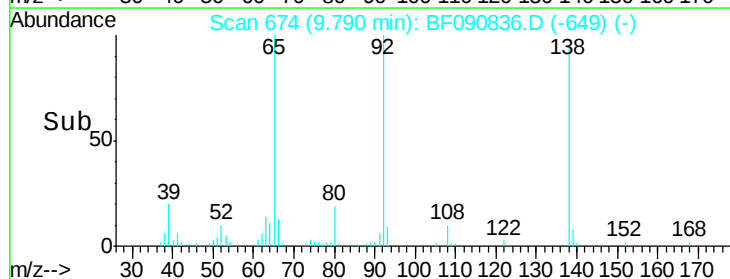
92 104.9 67.7 101.5#

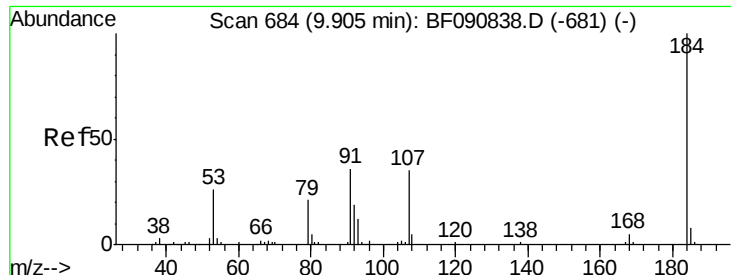


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

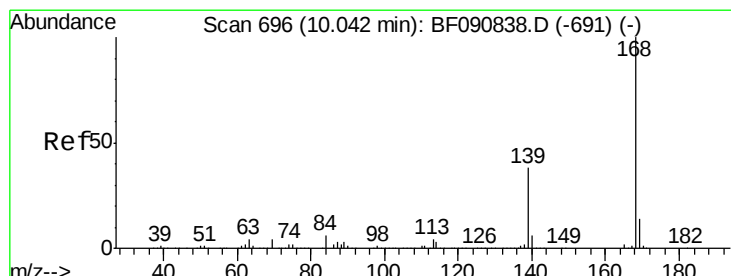
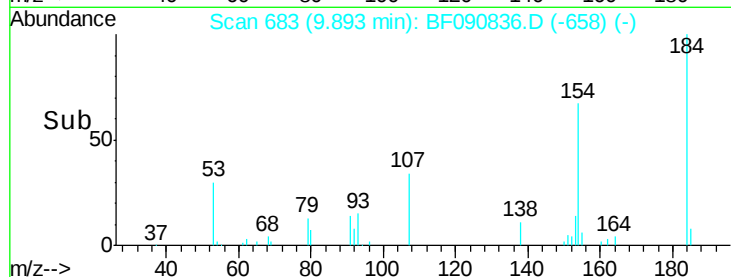
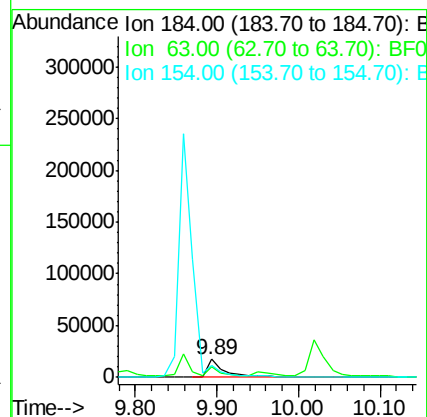
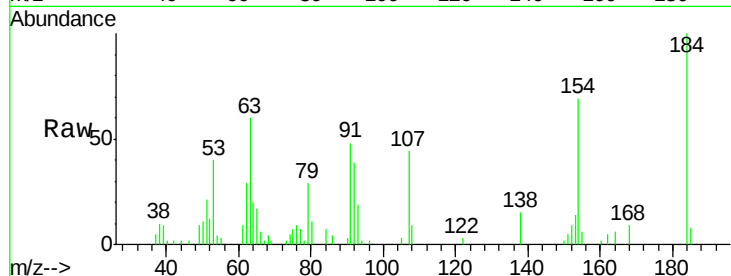




#53
2,4-Dinitrophenol
Concen: 15.32 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

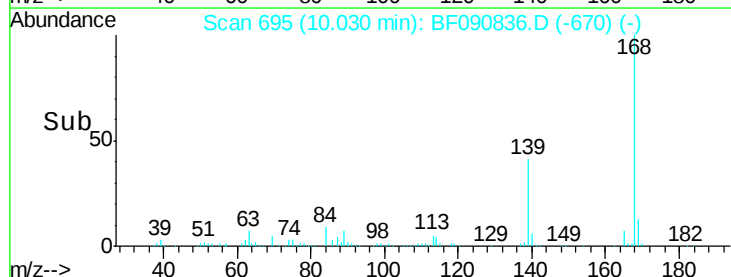
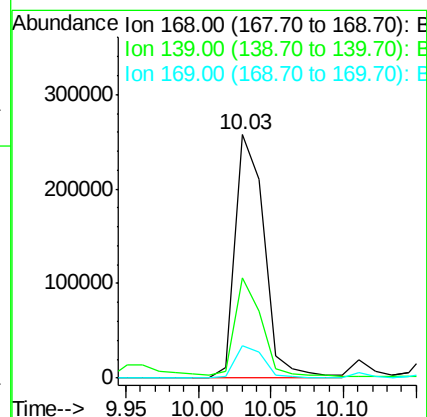
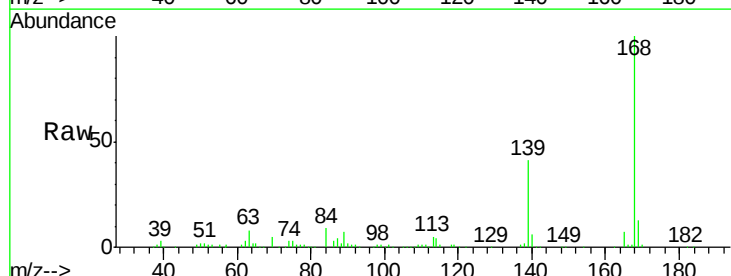
Instrument :
BNA_F
ClientSampleId :

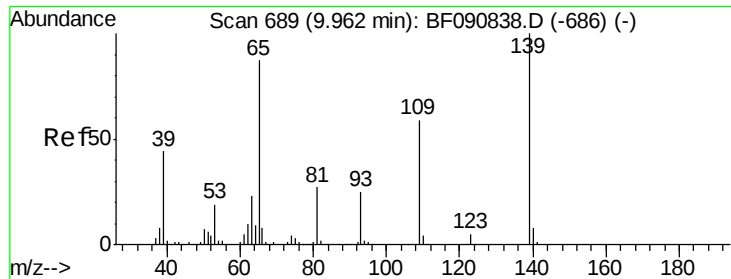
Tot Ion:184 Resp: 28418
Ion Ratio Lower Upper
184 100
63 60.1 35.4 53.2#
154 69.2 32.2 48.4#



#54
Dibenzofuran
Concen: 10.96 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

Tgt Ion:168 Resp: 358762
Ion Ratio Lower Upper
168 100
139 41.1 24.2 36.2#
169 13.3 10.6 15.8

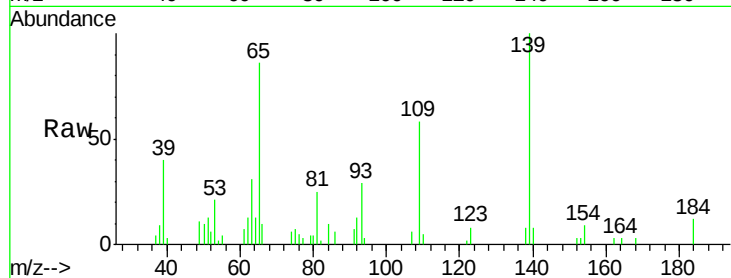




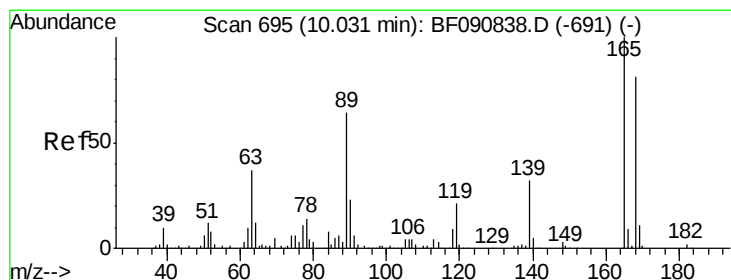
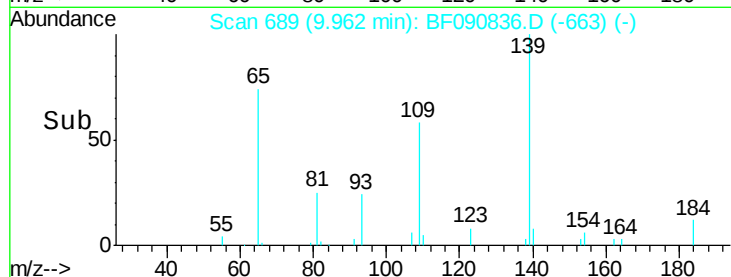
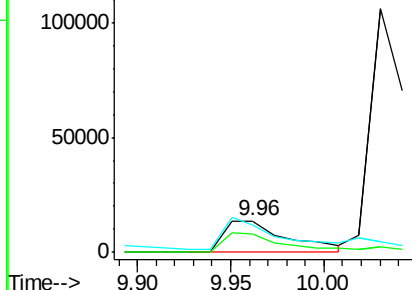
#55
4-Nitrophenol
Concen: 12.86 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 32622
Ion Ratio Lower Upper
139 100
109 58.2 12.7 52.7#
65 86.5 45.9 85.9#

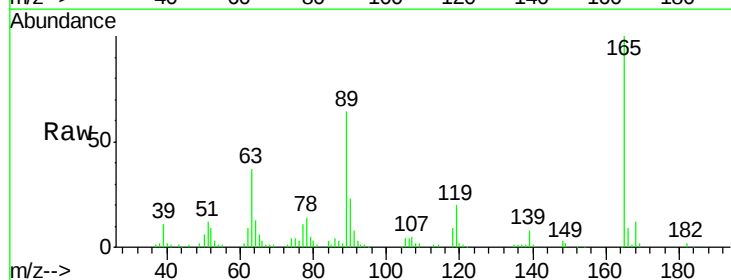


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

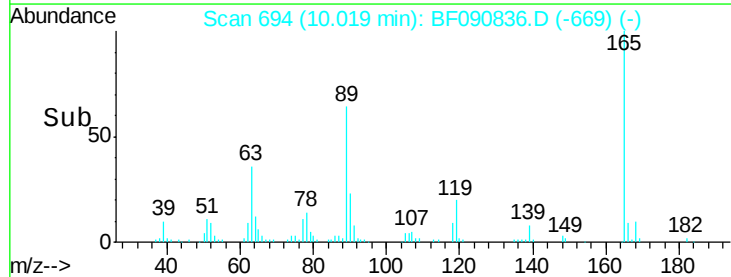
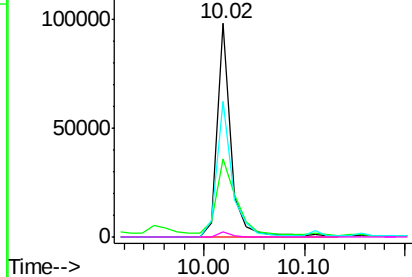


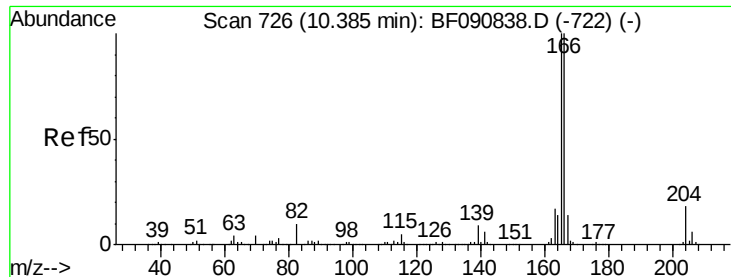
#56
2,4-Dinitrotoluene
Concen: 12.35 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

Tgt Ion:165 Resp: 93287
Ion Ratio Lower Upper
165 100
63 36.8 29.8 44.6
89 63.8 44.5 66.7
182 2.2 3.0 4.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 11.60 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :
BNA_F
ClientSampleId :

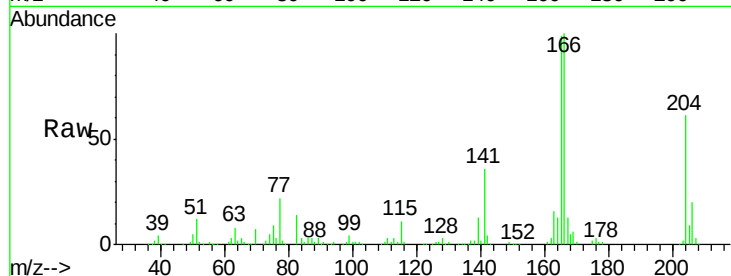
Tot Ion:166 Resp: 314799

Ion Ratio Lower Upper

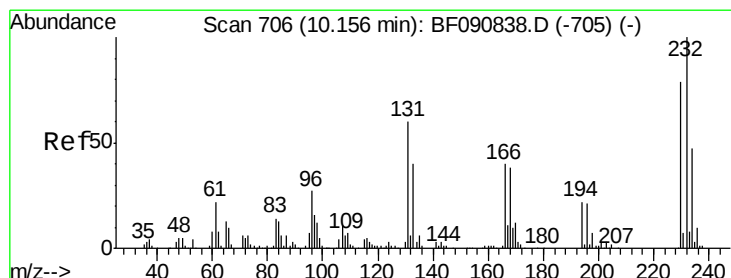
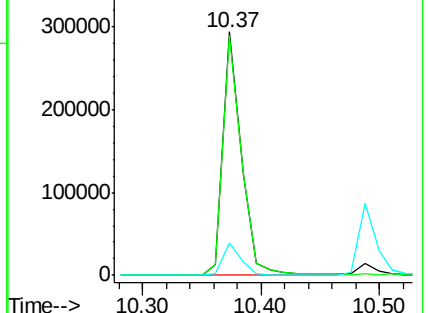
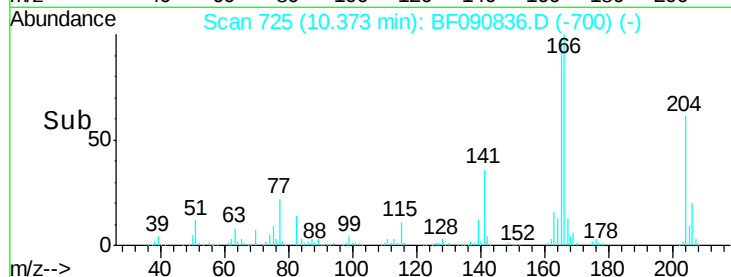
166 100

165 98.7 72.6 109.0

167 13.5 10.6 16.0



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: 11.06 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.05 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Tgt Ion:232 Resp: 67418

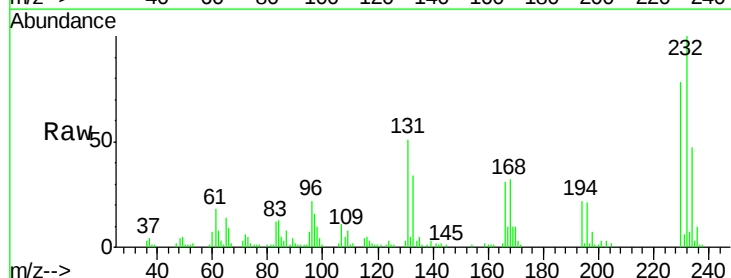
Ion Ratio Lower Upper

232 100

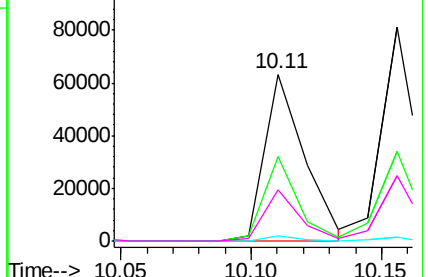
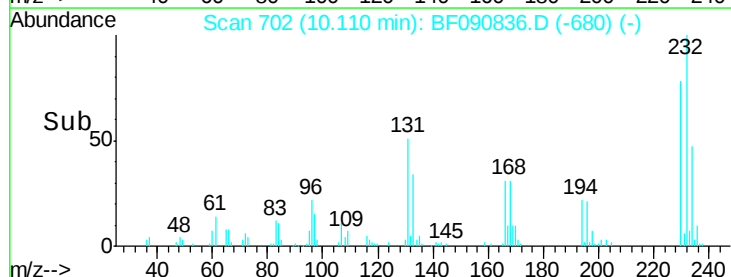
131 43.5 38.5 57.7

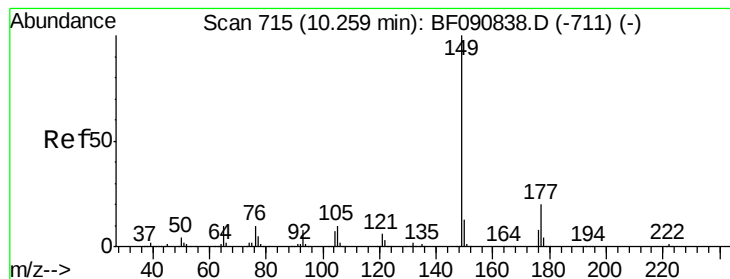
130 2.2 1.8 2.6

166 27.7 25.0 37.6



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: 10.99 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

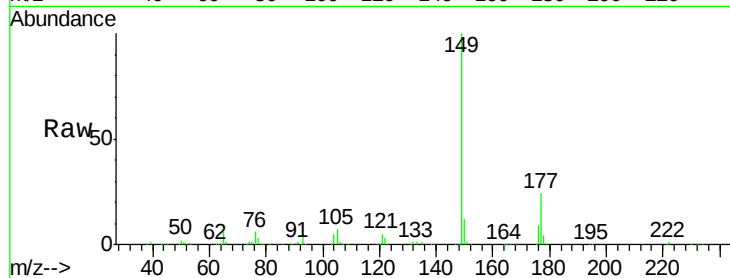
Tot Ion:149 Resp: 327556

Ion Ratio Lower Upper

149 100

177 23.5 17.5 26.3

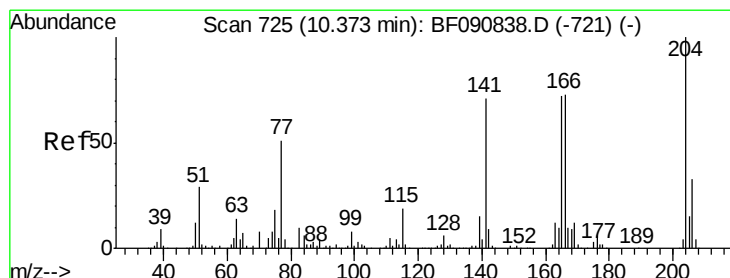
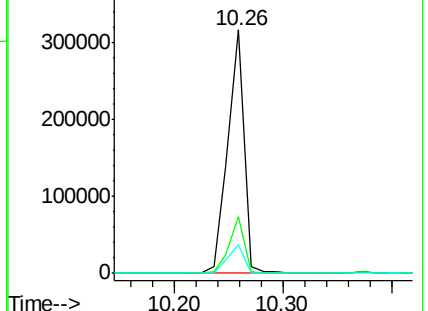
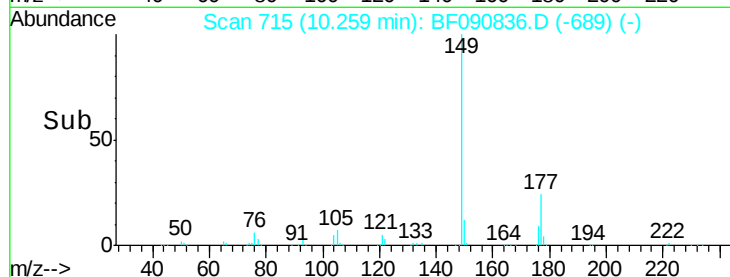
150 11.7 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 12.82 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

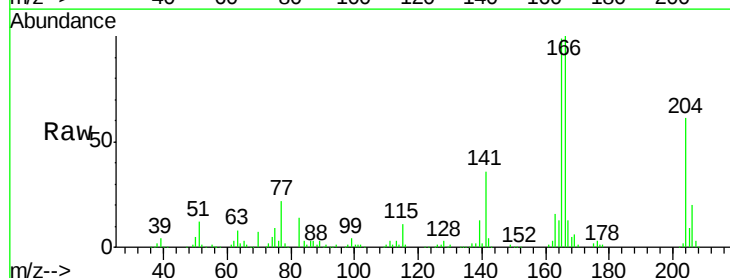
Tgt Ion:204 Resp: 159046

Ion Ratio Lower Upper

204 100

206 32.5 24.8 37.2

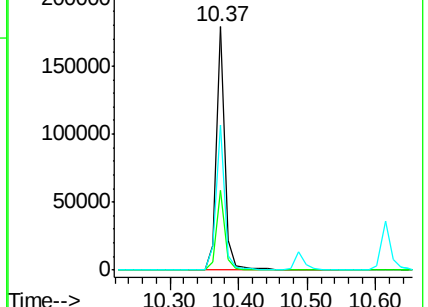
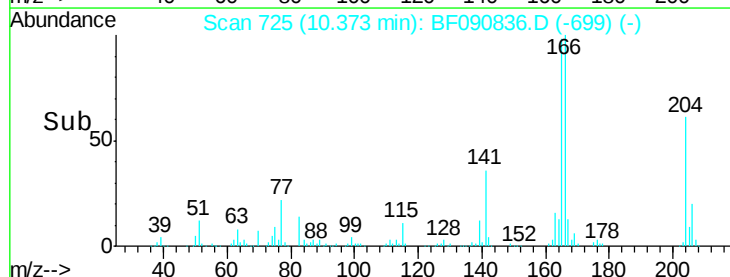
141 59.3 42.2 63.4

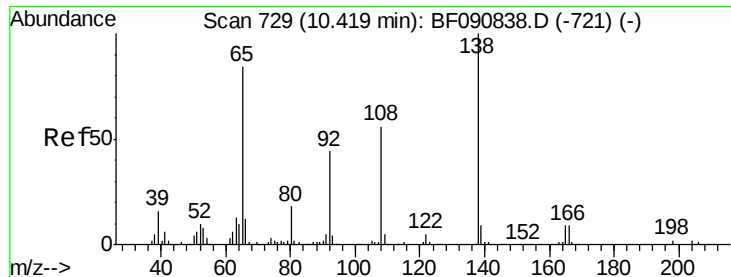


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

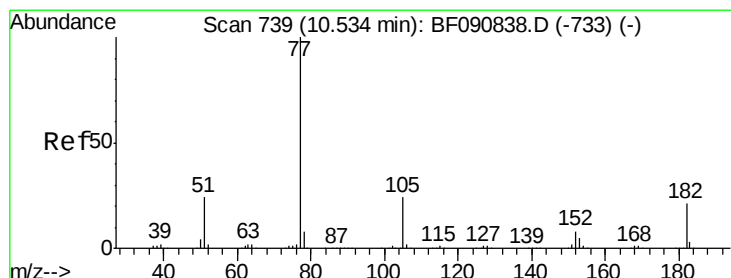
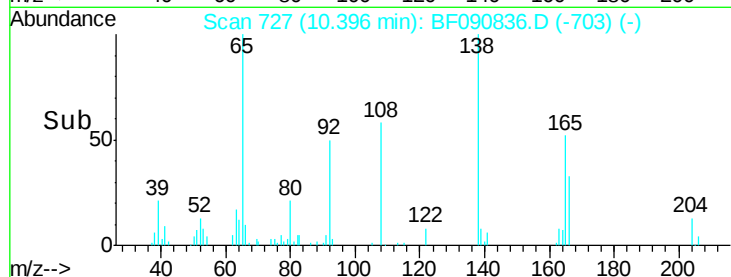
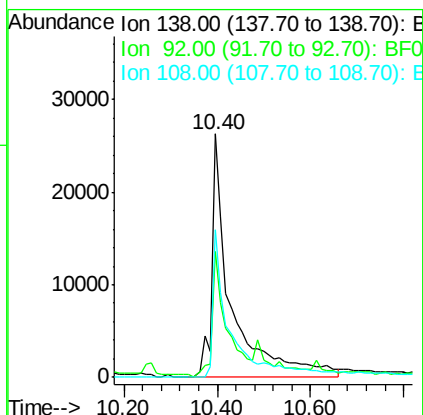
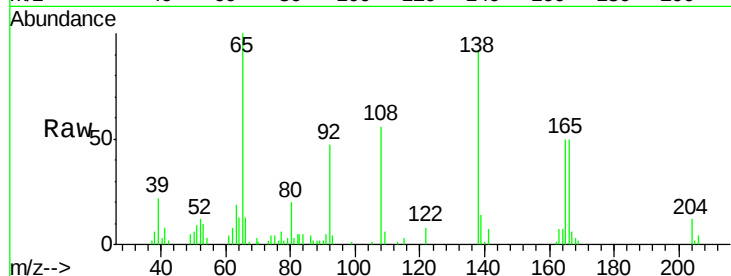




#61
4-Nitroaniline
Concen: 10.68 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

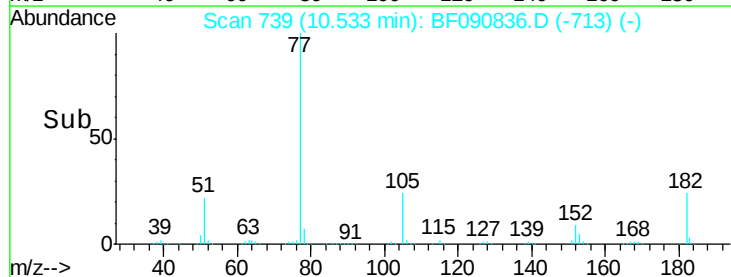
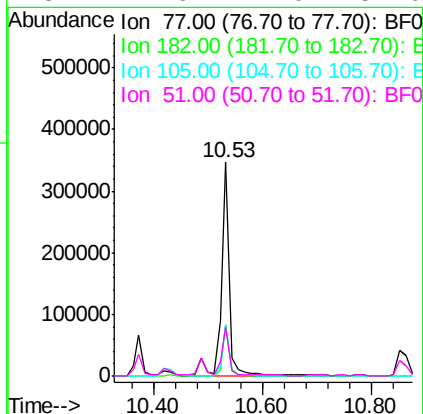
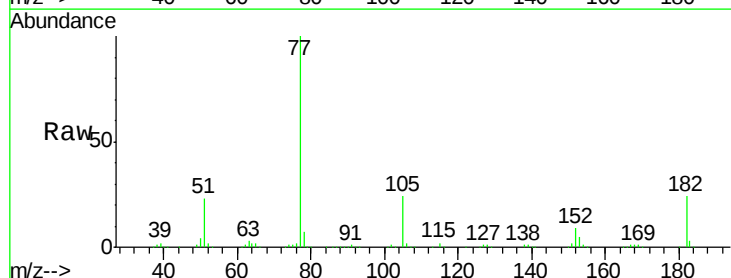
Instrument :
BNA_F
ClientSampled :

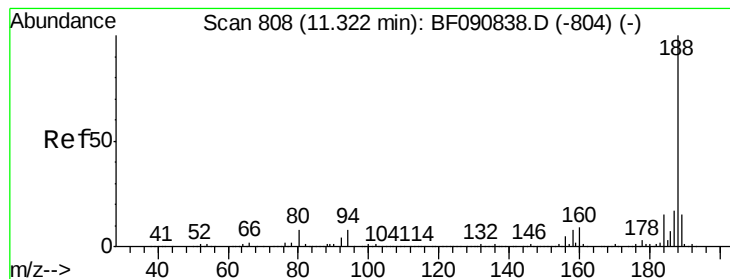
Tot Ion:138 Resp: 76813
Ion Ratio Lower Upper
138 100
92 51.5 12.6 52.6
108 60.4 12.4 52.4#



#62
Azobenzene
Concen: 10.63 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

Tgt Ion: 77 Resp: 370867
Ion Ratio Lower Upper
77 100
182 24.2 15.1 55.1
105 23.9 3.4 43.4
51 22.6 12.0 52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

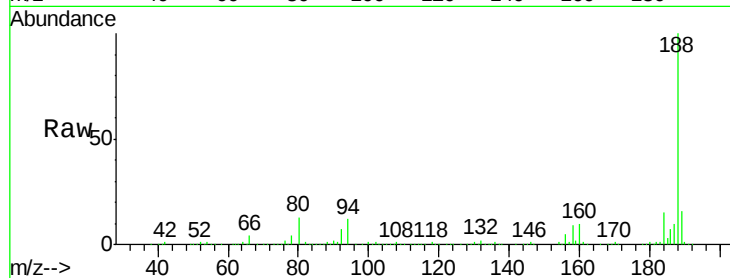
Tot Ion:188 Resp: 765253

Ion Ratio Lower Upper

188 100

94 11.7 11.1 16.7

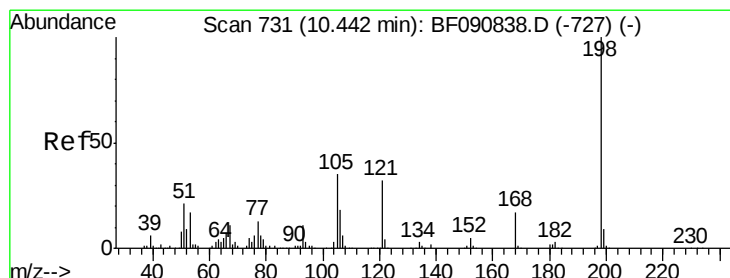
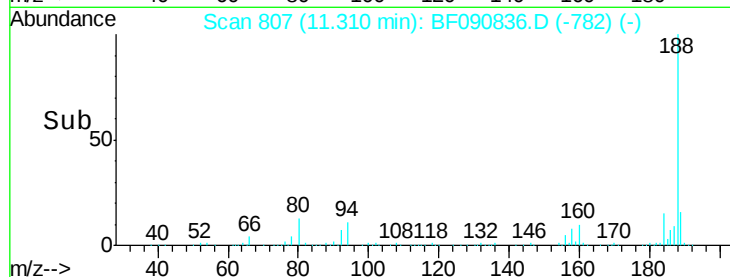
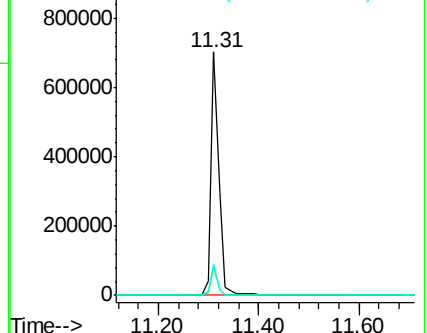
80 13.0 11.0 16.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 12.05 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

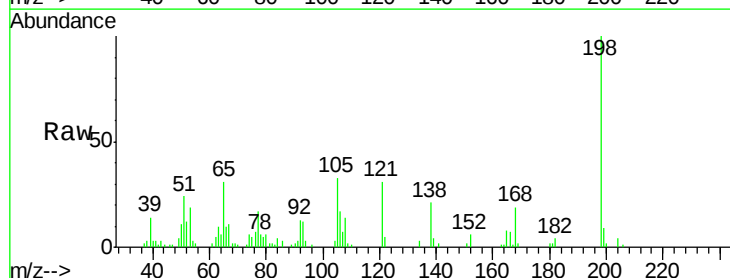
Tgt Ion:198 Resp: 42108

Ion Ratio Lower Upper

198 100

51 24.3 39.6 79.6#

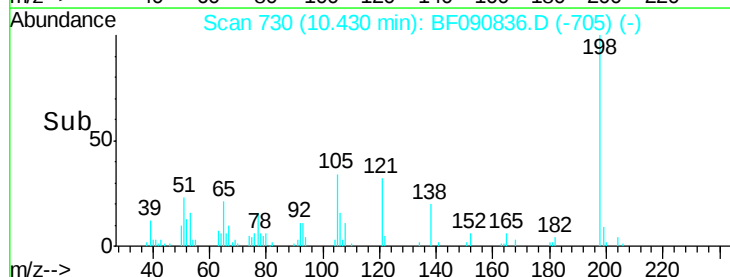
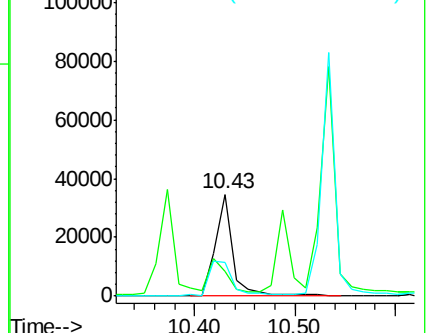
105 33.2 28.5 68.5

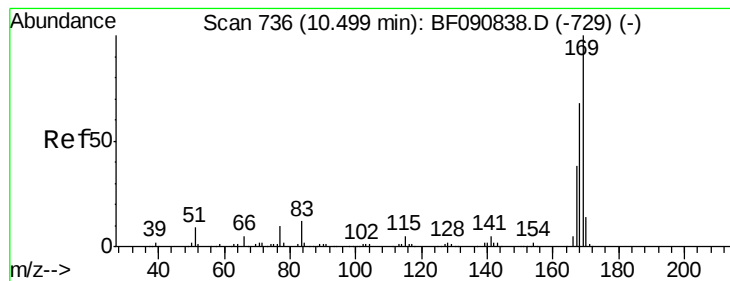


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

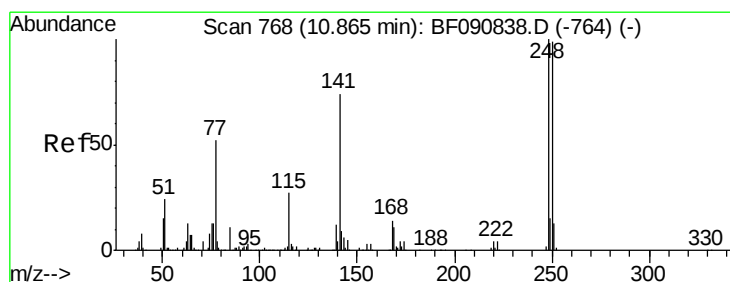
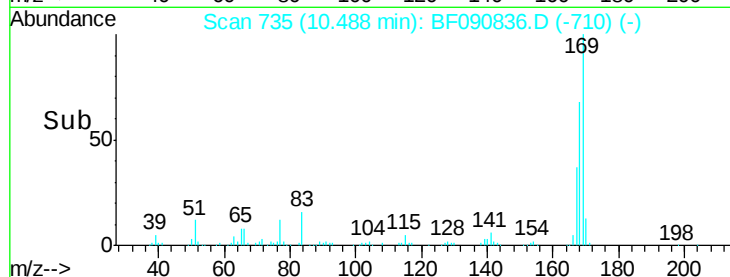
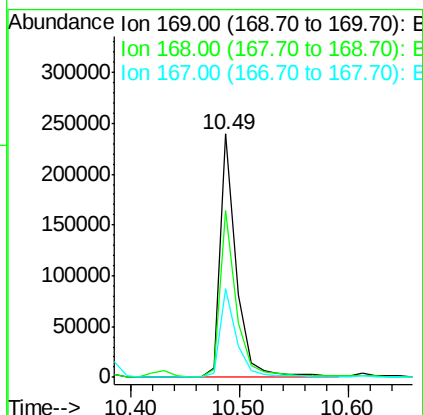
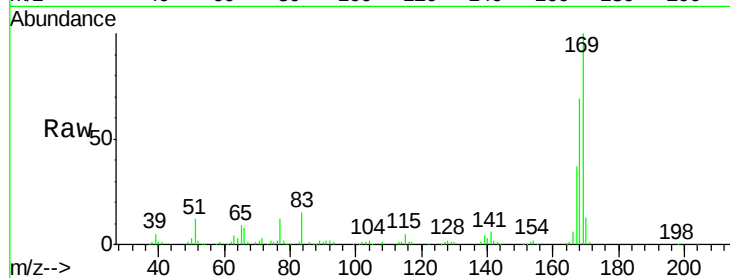




#65
n-Nitrosodiphenylamine
Concen: 10.30 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

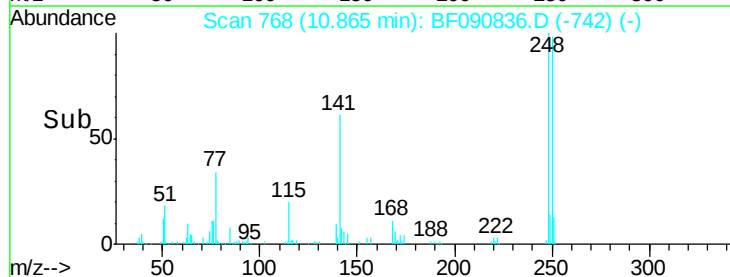
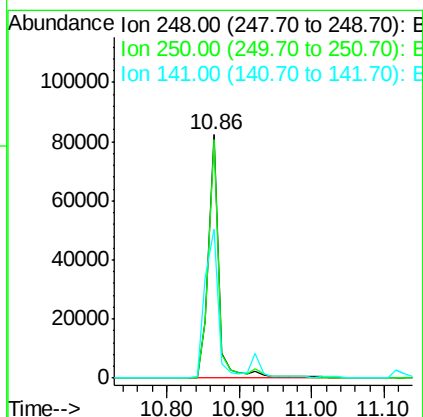
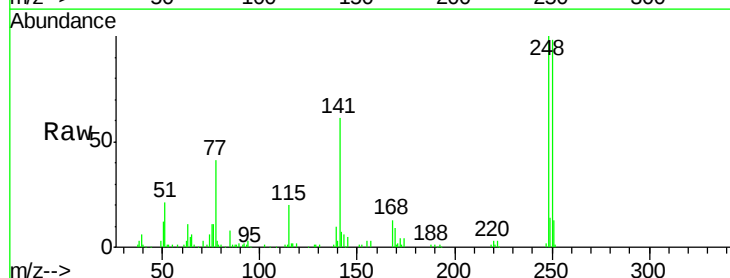
Instrument :
BNA_F
ClientSampleId :

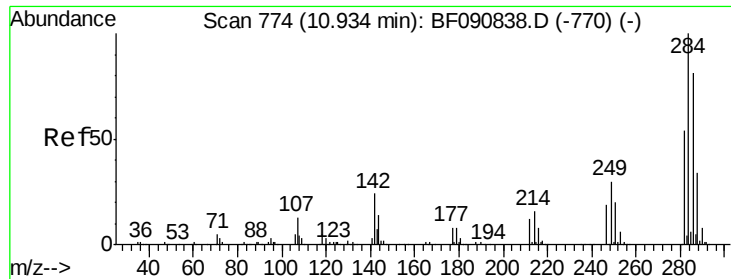
Tot Ion:169 Resp: 252478
Ion Ratio Lower Upper
169 100
168 68.6 48.9 73.3
167 36.6 26.2 39.4



#66
4-Bromophenyl-phenylether
Concen: 11.29 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

Tgt Ion:248 Resp: 83757
Ion Ratio Lower Upper
248 100
250 98.0 78.5 117.7
141 61.4 59.0 88.6

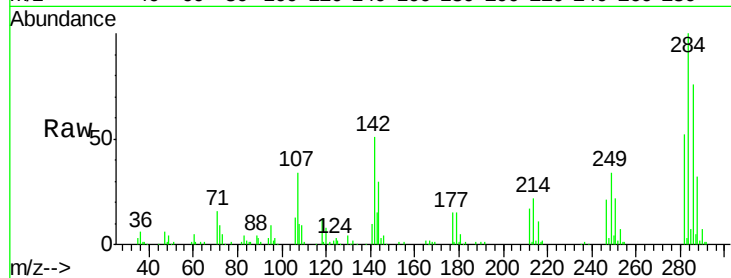




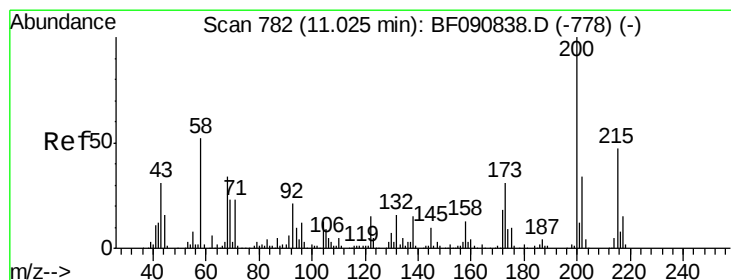
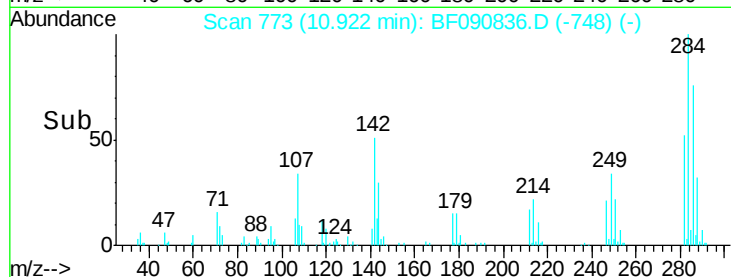
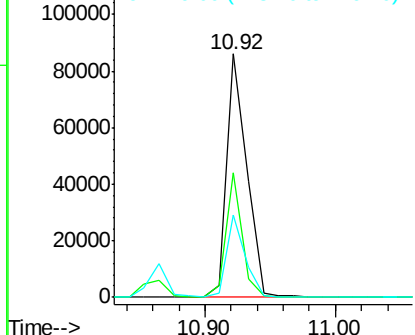
#67
Hexachlorobenzene
Concen: 10.50 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 91898
Ion Ratio Lower Upper
284 100
142 51.4 29.5 44.3#
249 33.6 19.5 29.3#

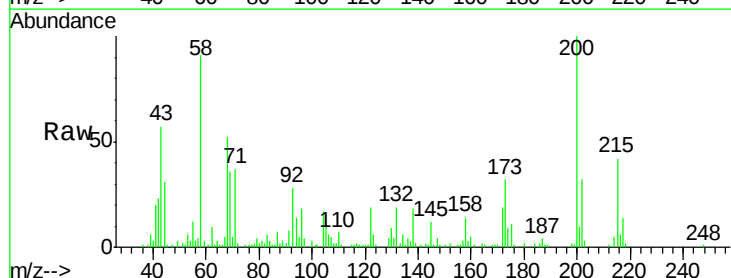


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

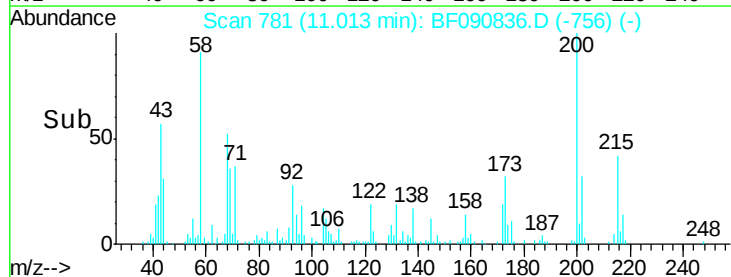
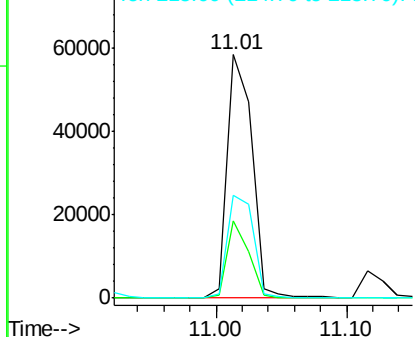


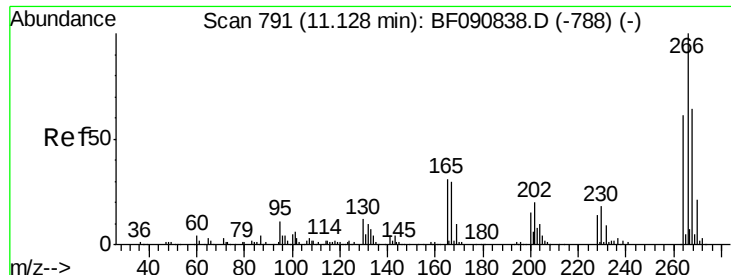
#68
Atrazine
Concen: 11.39 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

Tgt Ion:200 Resp: 77096
Ion Ratio Lower Upper
200 100
173 31.7 13.2 53.2
215 42.2 41.8 81.8



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

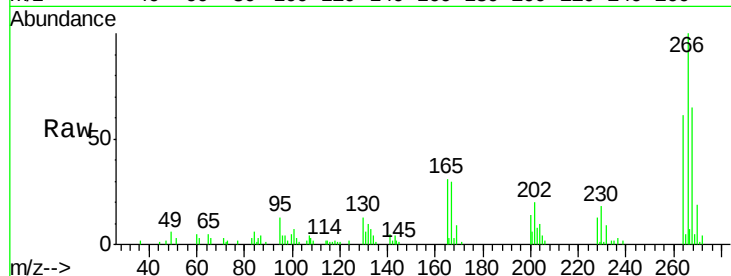




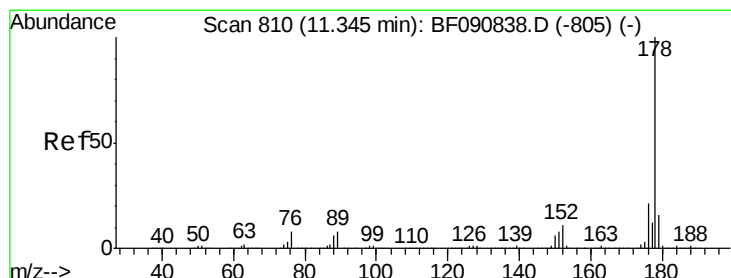
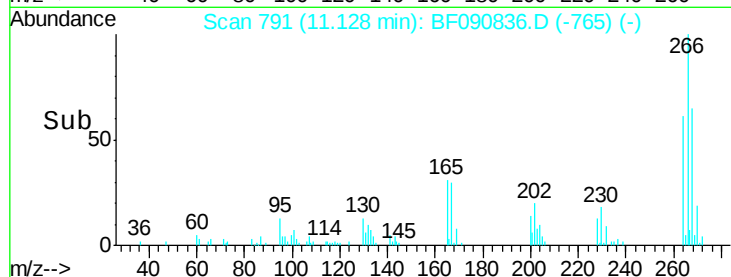
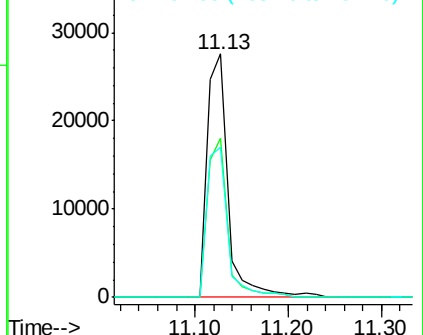
#69
 Pentachlorophenol
 Concen: 12.48 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 43099
 Ion Ratio Lower Upper
 266 100
 268 65.5 49.8 74.6
 264 61.5 50.2 75.2

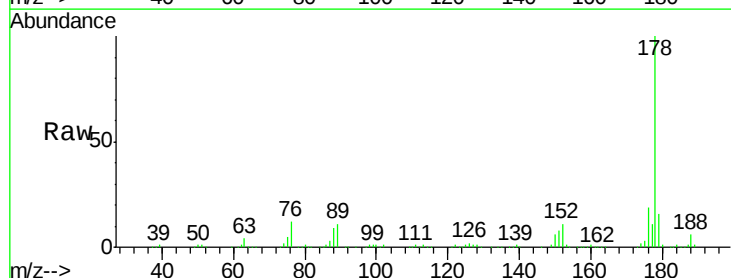


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

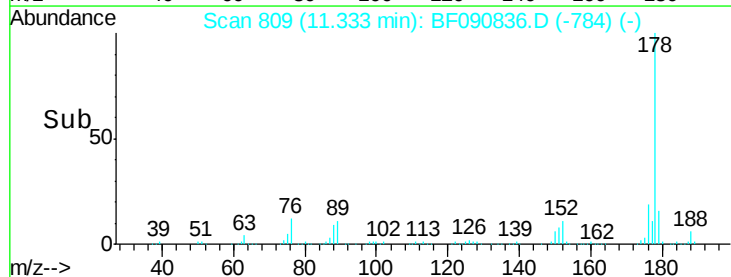
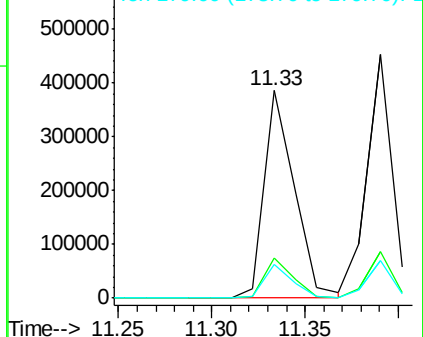


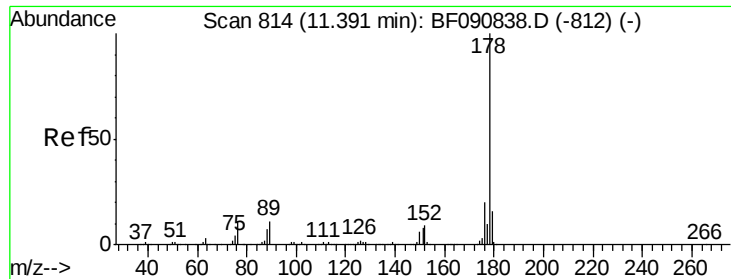
#70
 Phenanthrene
 Concen: 10.98 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

Tgt Ion:178 Resp: 428349
 Ion Ratio Lower Upper
 178 100
 176 19.5 13.8 20.8
 179 16.0 12.2 18.2



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

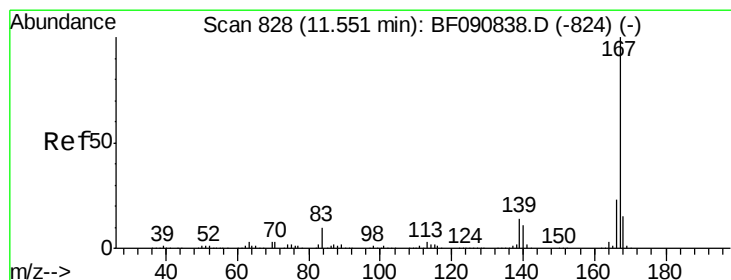
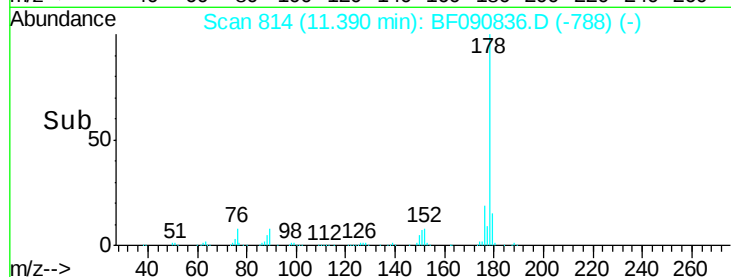
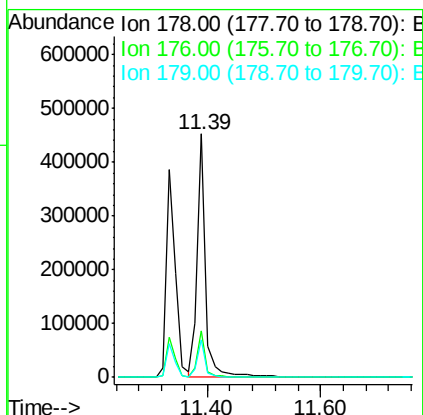
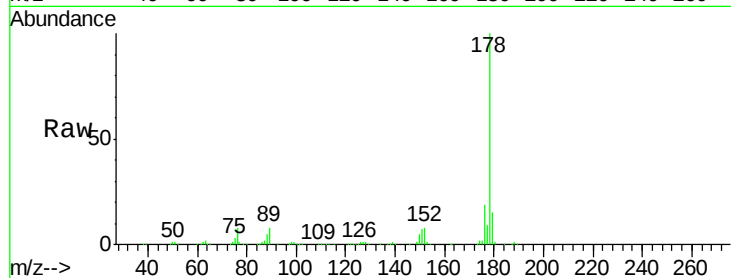




#71
 Anthracene
 Concen: 10.73 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

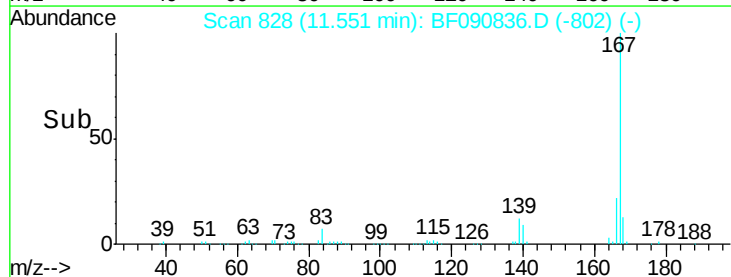
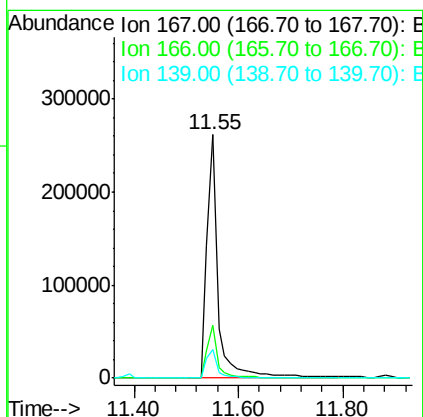
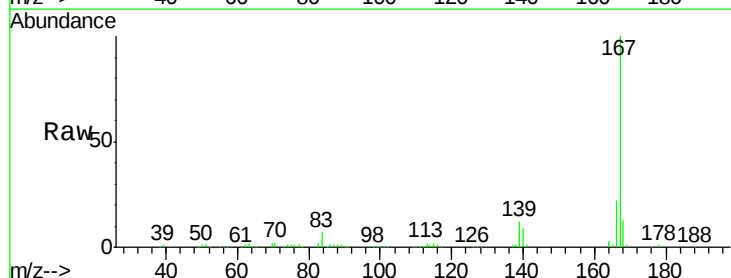
Instrument :
 BNA_F
 ClientSampleId :

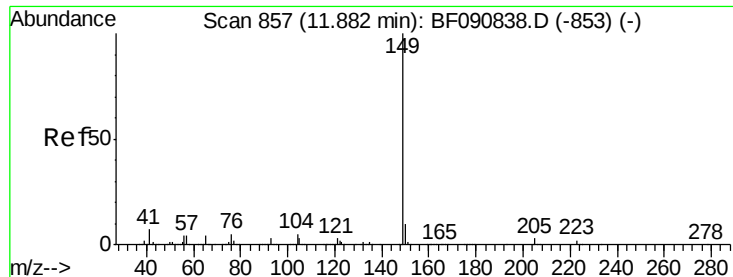
Tot Ion:178 Resp: 463935
 Ion Ratio Lower Upper
 178 100
 176 19.1 14.1 21.1
 179 15.2 12.2 18.2



#72
 Carbazole
 Concen: 10.75 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

Tgt Ion:167 Resp: 388731
 Ion Ratio Lower Upper
 167 100
 166 21.5 15.7 23.5
 139 11.9 9.5 14.3





#73

Di-n-butylphthalate

Concen: 11.47 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampled :

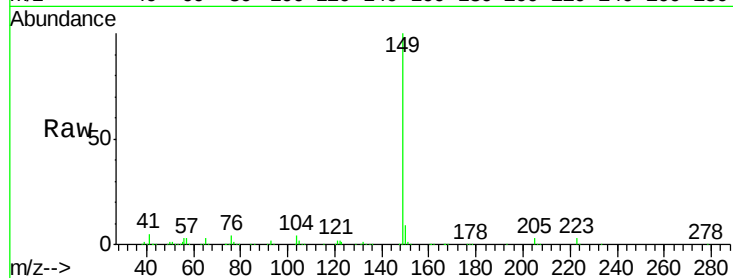
Tot Ion:149 Resp: 538096

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

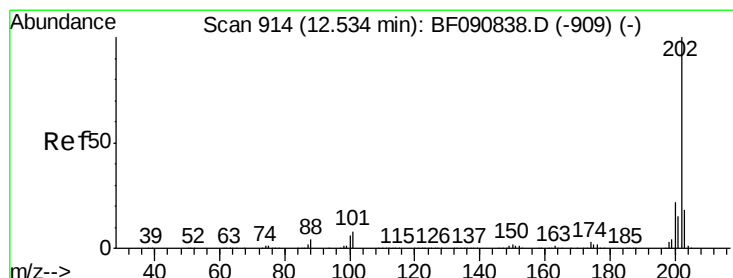
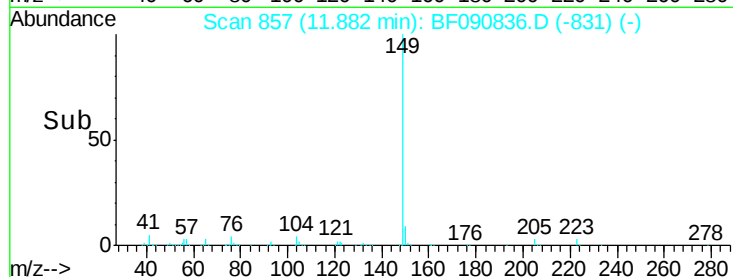
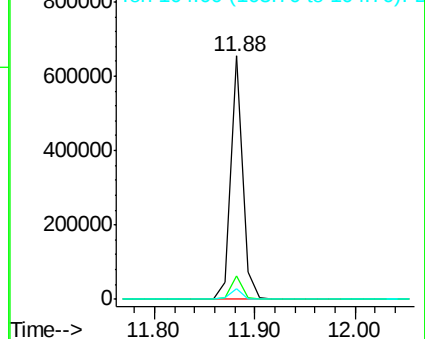
104 4.3 2.4 3.6#



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: 12.61 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

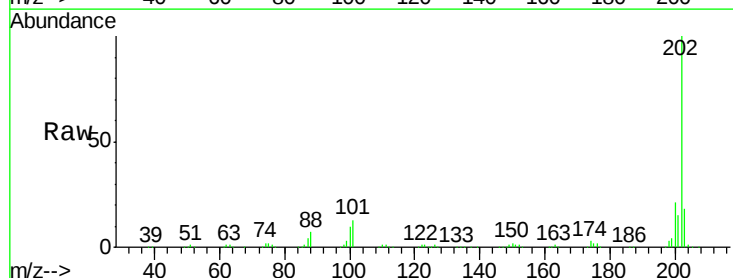
Tgt Ion:202 Resp: 475840

Ion Ratio Lower Upper

202 100

101 13.5 0.0 38.3

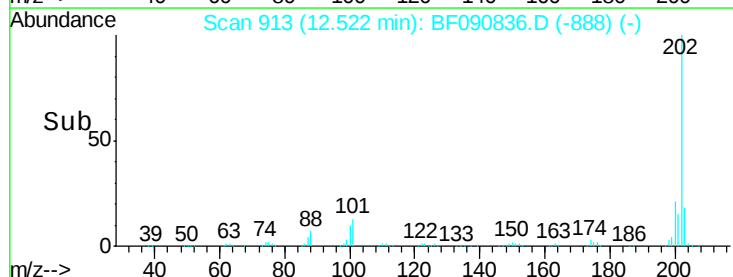
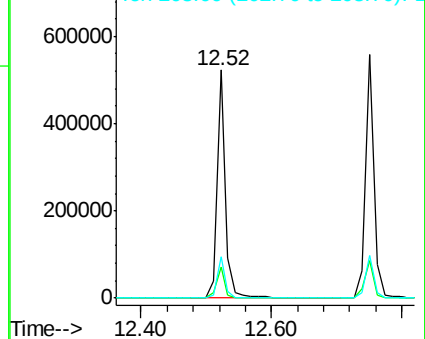
203 18.0 0.0 37.3

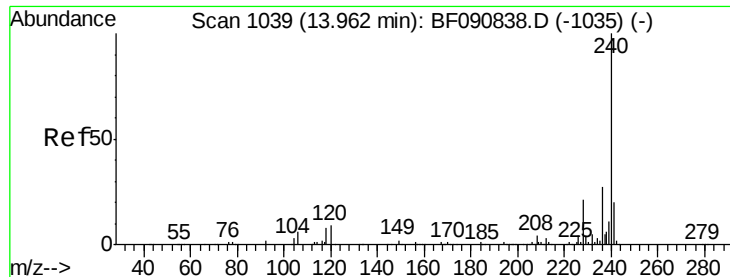


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

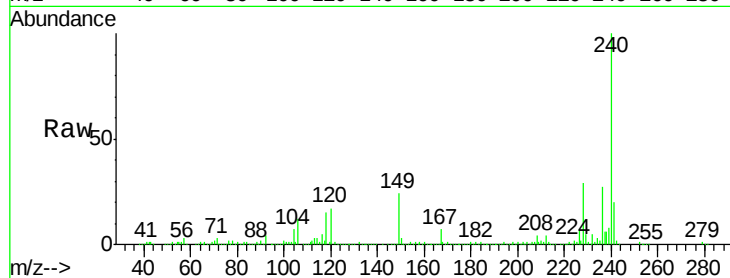
Tot Ion:240 Resp: 673275

Ion Ratio Lower Upper

240 100

120 16.9 16.2 24.2

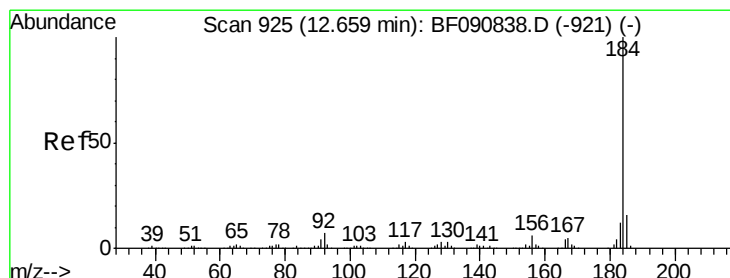
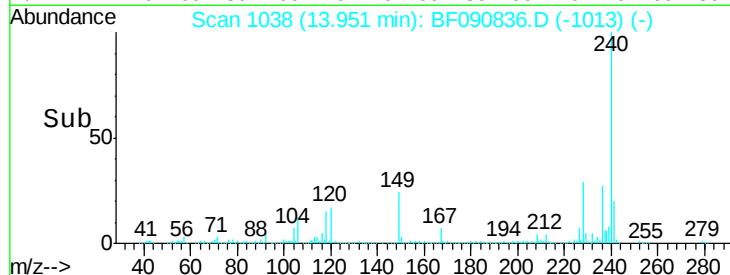
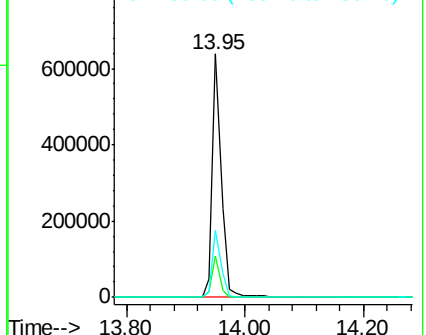
236 27.4 18.4 27.6



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: 12.16 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

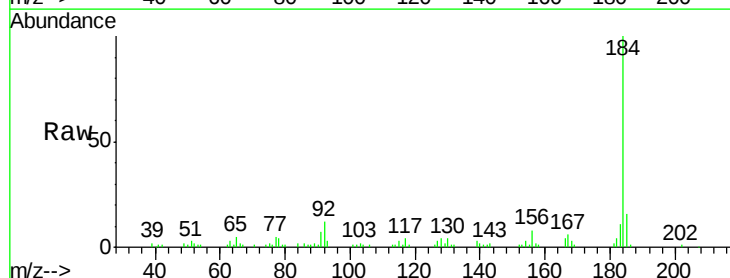
Tgt Ion:184 Resp: 181720

Ion Ratio Lower Upper

184 100

185 15.6 11.8 17.6

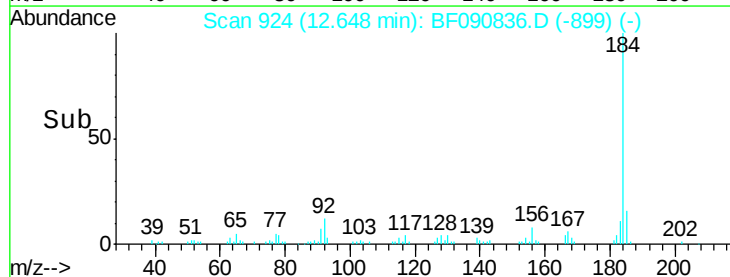
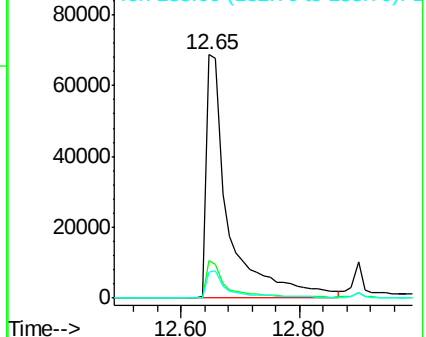
183 10.6 7.6 11.4

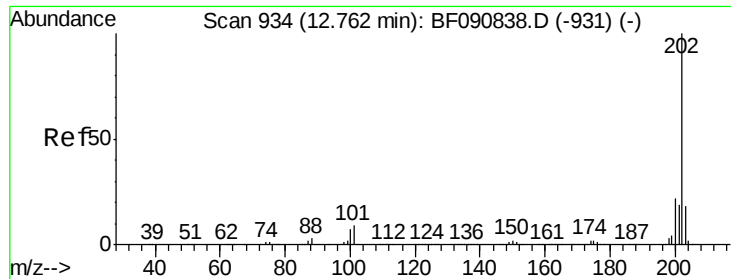


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

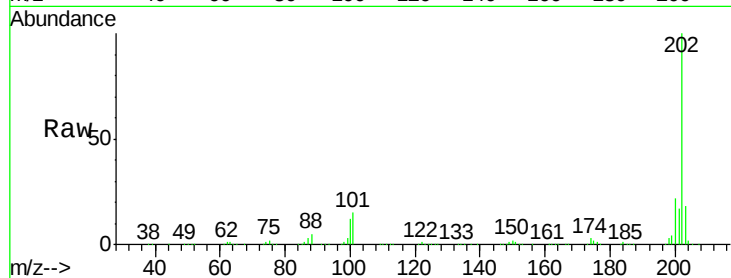




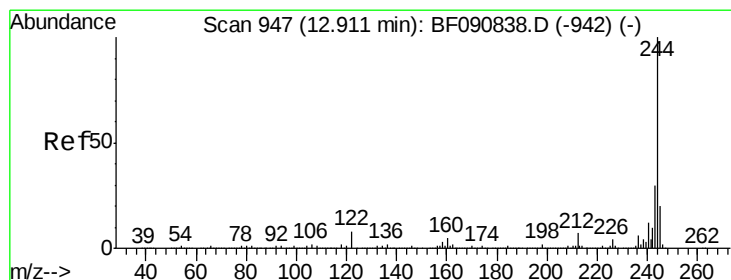
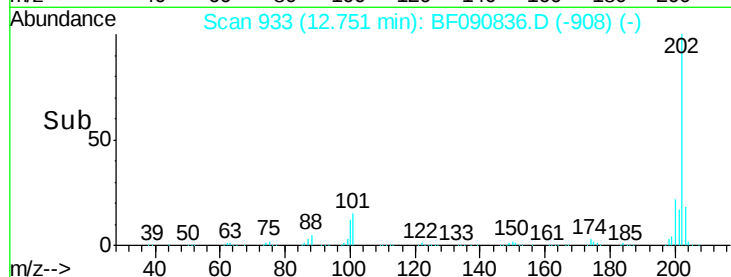
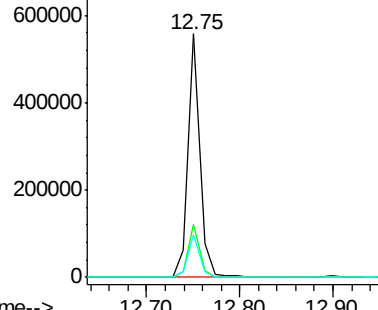
#77
Pvrene
Concen: 10.44 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	15.0	22.4
203	17.6	14.1	21.1

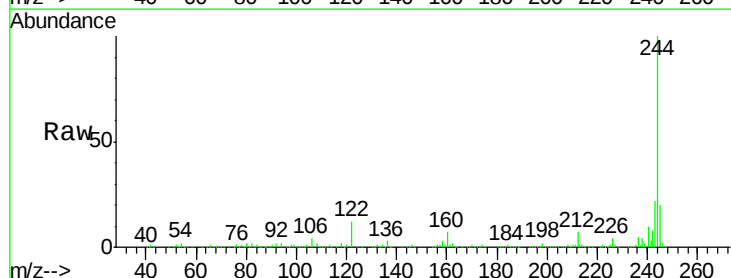


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

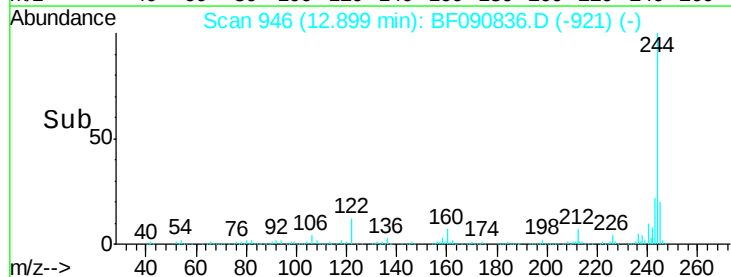
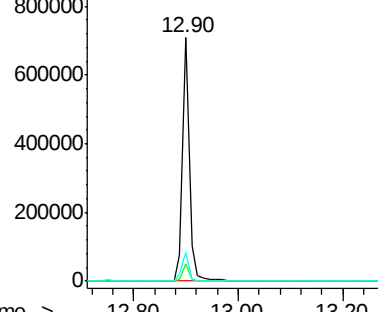


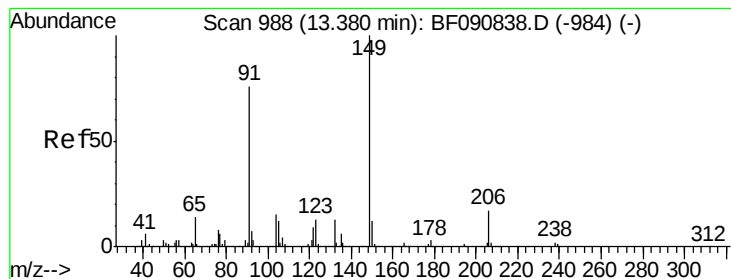
#78
Terphenyl-d14
Concen: 22.11 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF090836.D
Acq: 26 Oct 2016 12:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.3	6.5#
122	11.6	17.4	26.2#



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: 10.20 ng

RT: 13.38 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

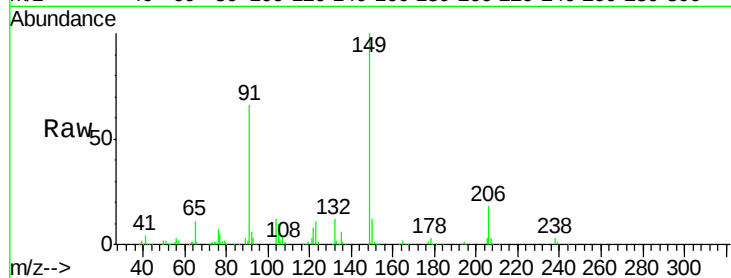
Tot Ion:149 Resp: 220513

Ion Ratio Lower Upper

149 100

91 65.6 48.6 72.8

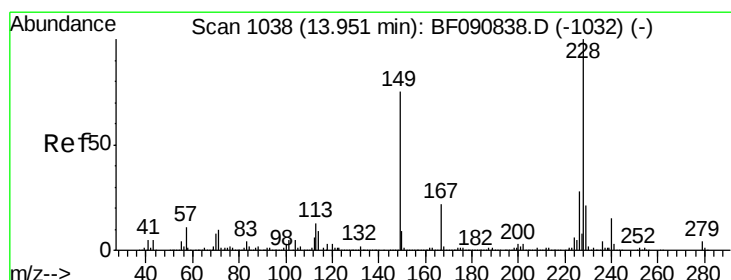
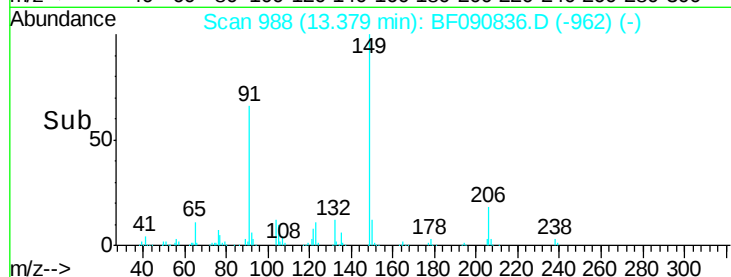
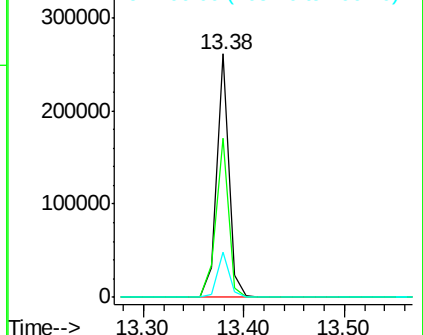
206 18.5 14.9 22.3



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: 11.33 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

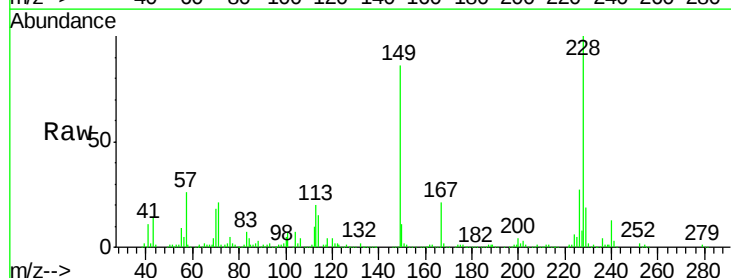
Tgt Ion:228 Resp: 417372

Ion Ratio Lower Upper

228 100

226 26.9 20.0 30.0

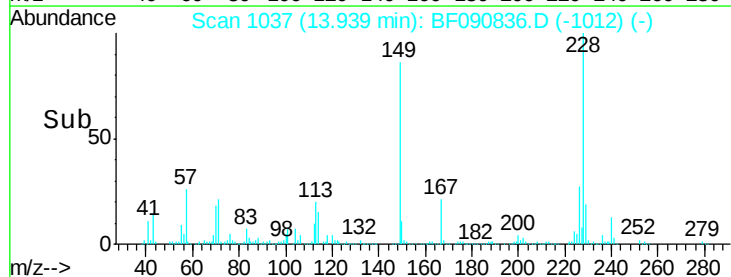
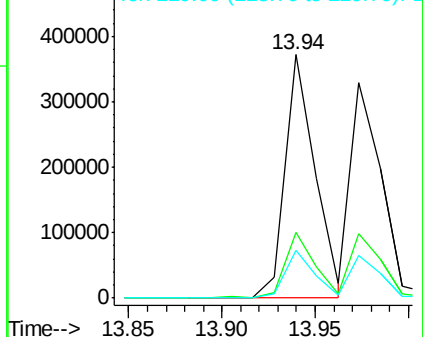
229 19.4 15.4 23.2

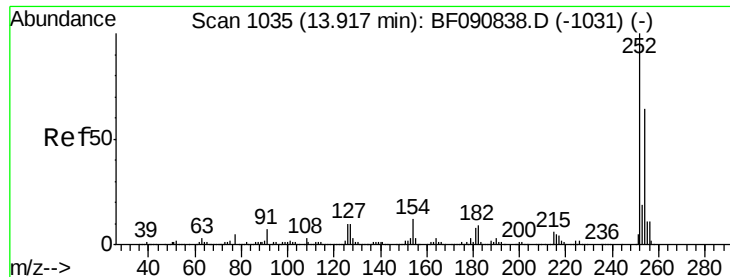


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

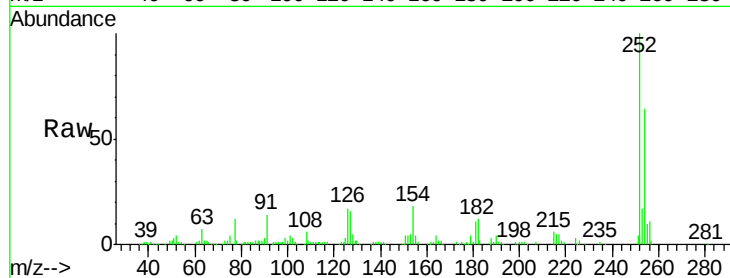




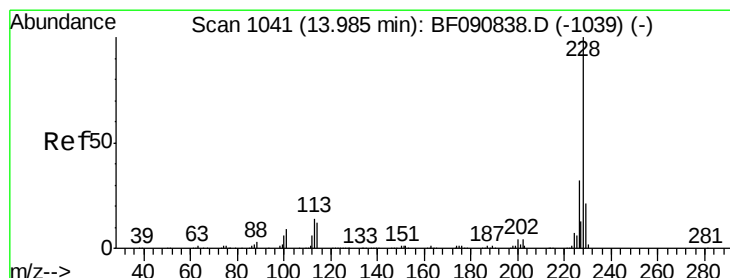
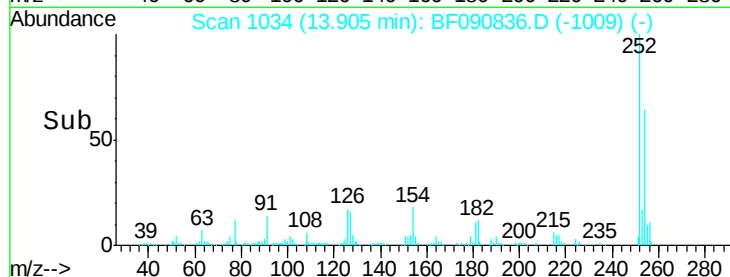
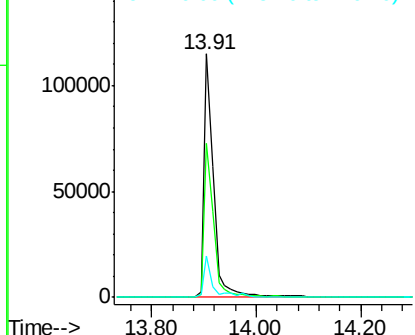
#81
 3,3'-Dichlorobenzidine
 Concen: 11.60 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.4	77.2
126	17.1	16.4	24.6

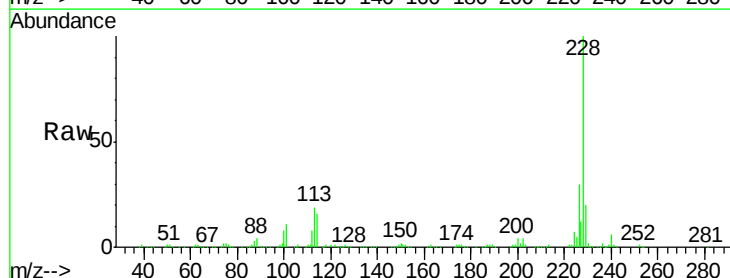


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

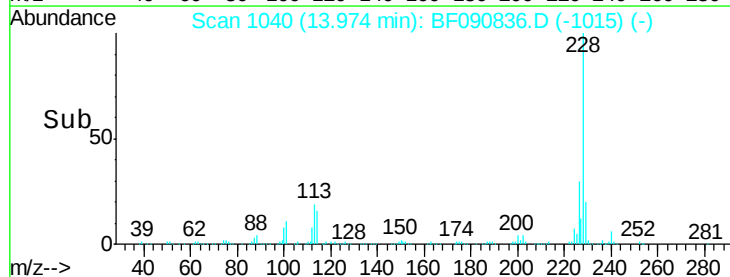
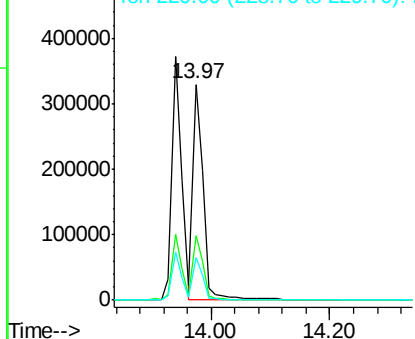


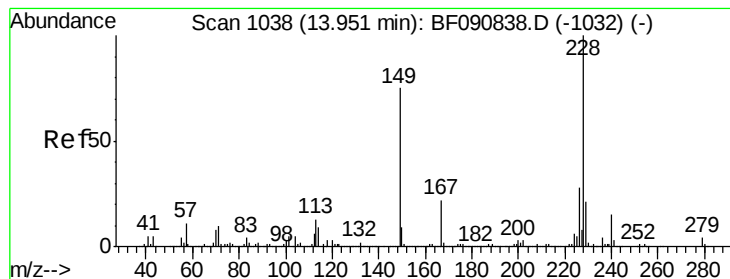
#82
 Chrysene
 Concen: 11.13 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.0	31.4
229	19.6	15.6	23.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 10.79 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

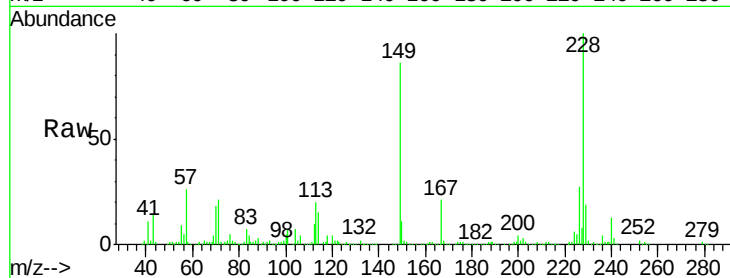
Tot Ion:149 Resp: 333672

Ion Ratio Lower Upper

149 100

167 24.3 24.2 36.2

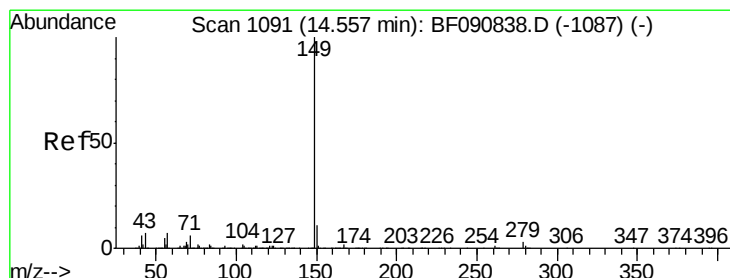
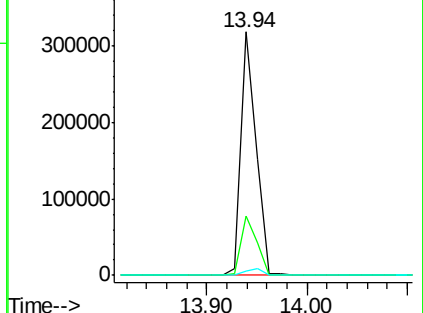
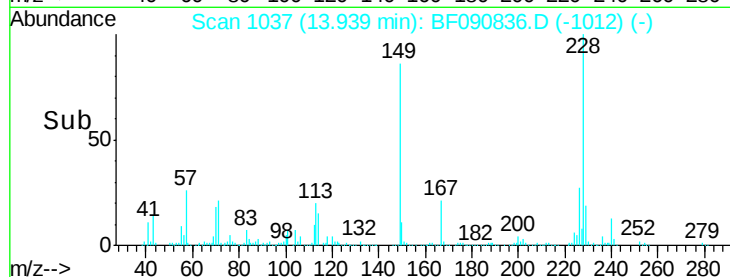
279 1.7 3.8 5.6#



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: 11.59 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

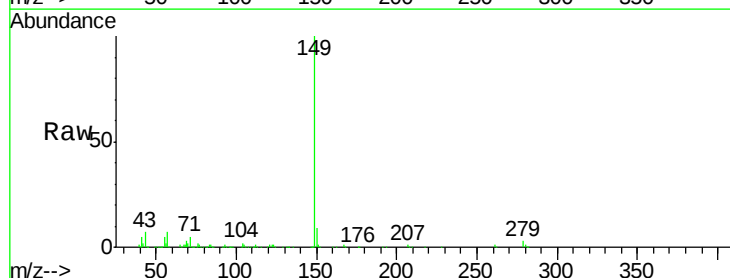
Tgt Ion:149 Resp: 543962

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

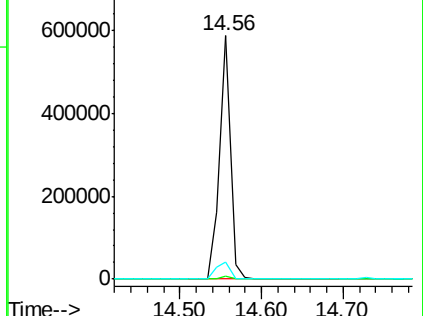
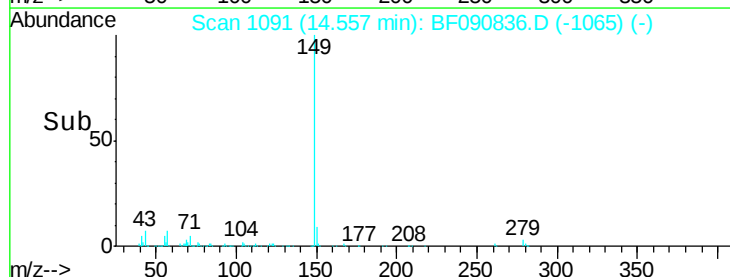
43 9.3 10.2 15.2#

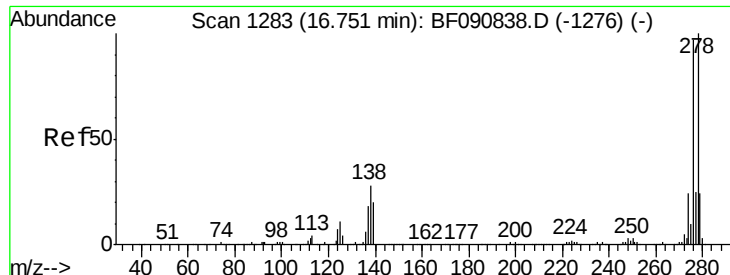


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

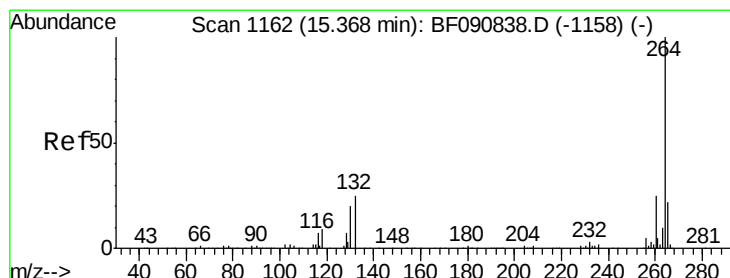
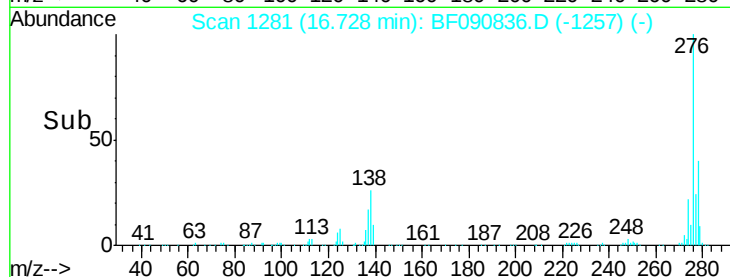
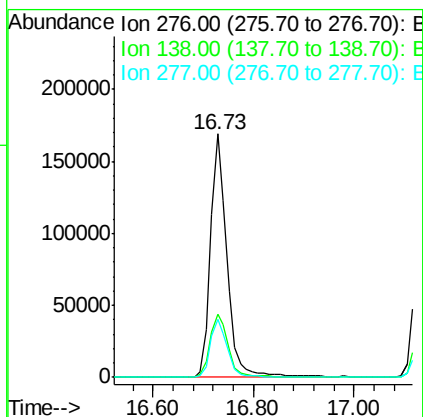
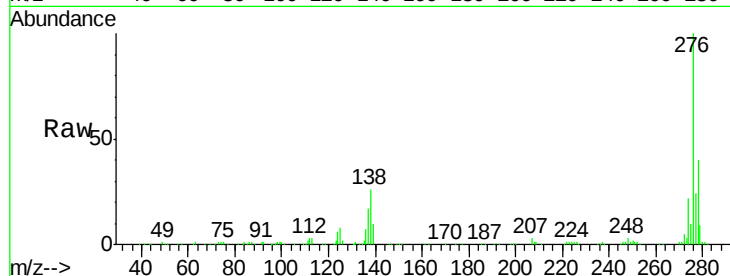




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 12.29 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

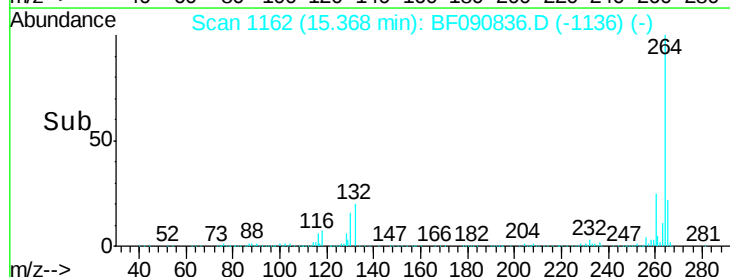
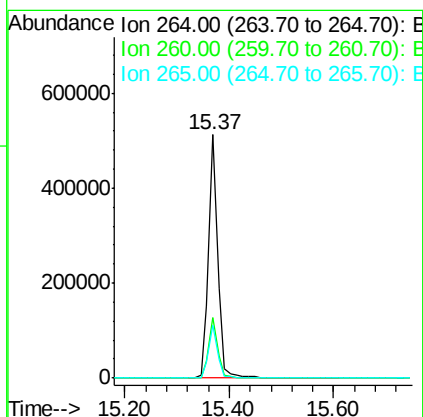
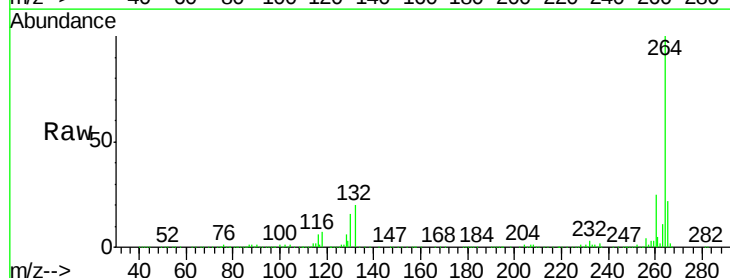
Instrument :
 BNA_F
 ClientSampleId :

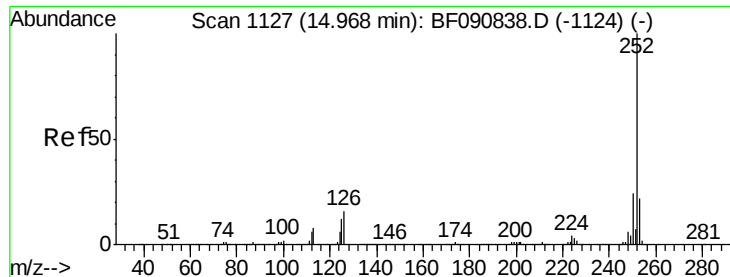
Tot Ion:276 Resp: 385664
 Ion Ratio Lower Upper
 276 100
 138 28.9 25.7 38.5
 277 24.7 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

Tgt Ion:264 Resp: 633446
 Ion Ratio Lower Upper
 264 100
 260 25.1 16.7 25.1#
 265 21.5 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 9.98 ng

RT: 14.97 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampled :

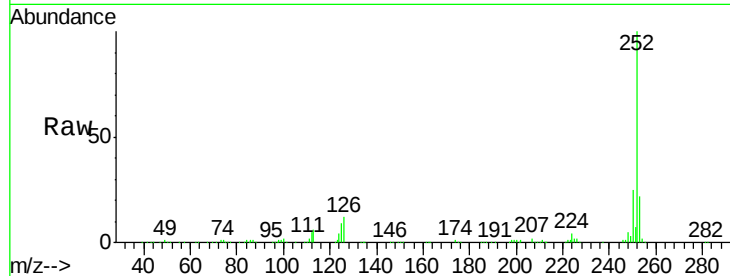
Tot Ion:252 Resp: 388792

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

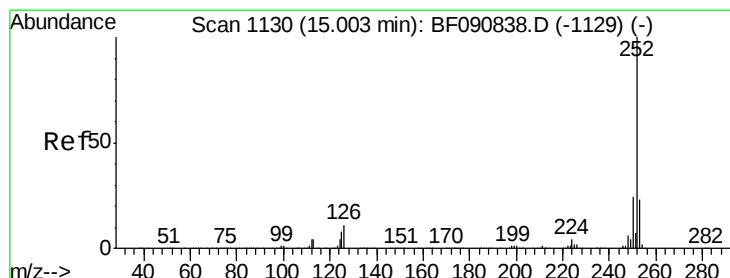
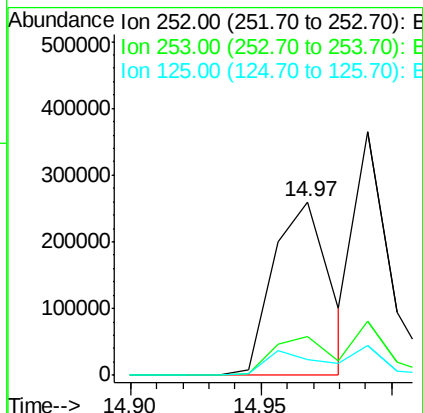
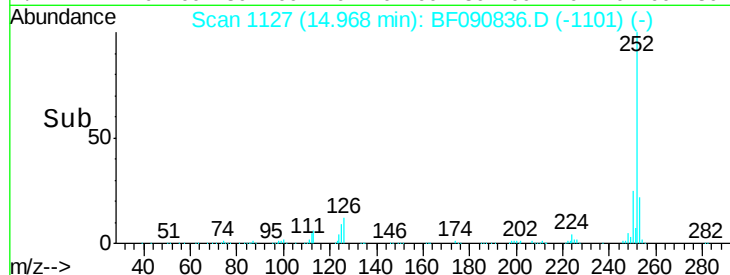
125 8.9 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 9.93 ng

RT: 14.97 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

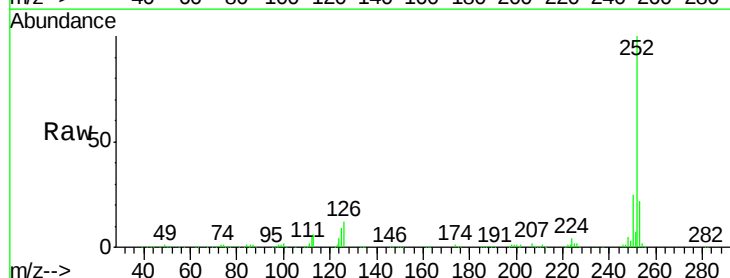
Tgt Ion:252 Resp: 388792

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

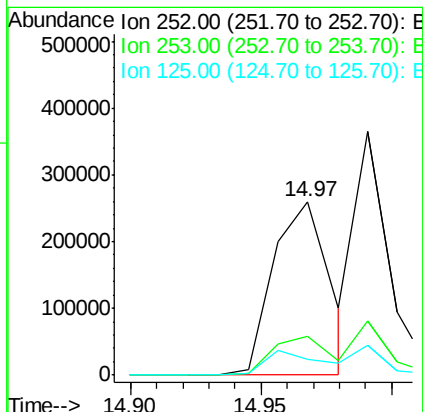
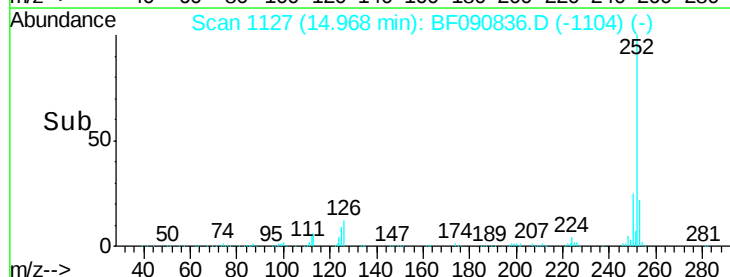
125 8.9 16.0 24.0#

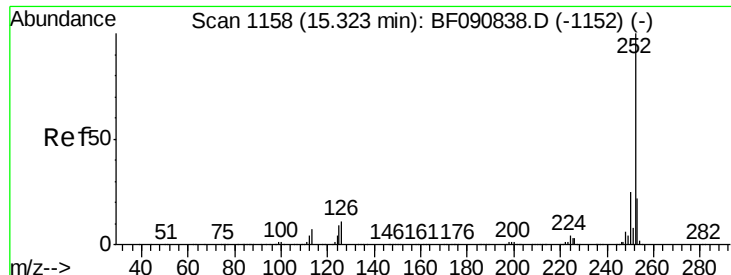


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 10.08 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

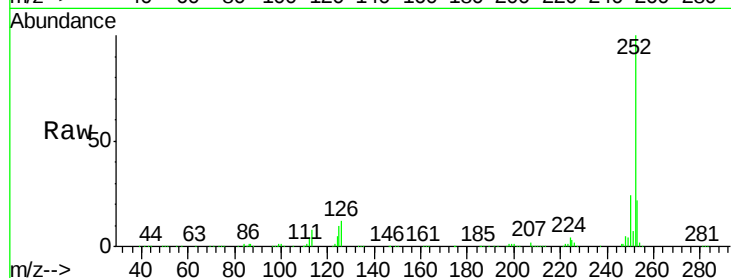
Tot Ion:252 Resp: 368187

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

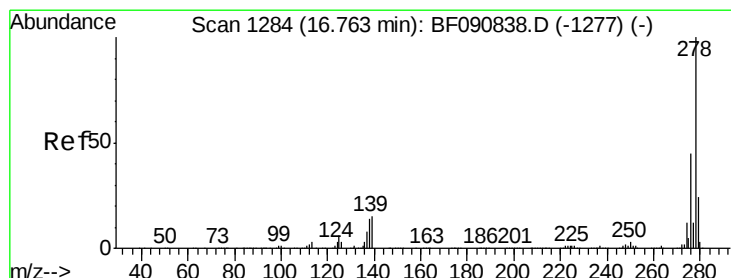
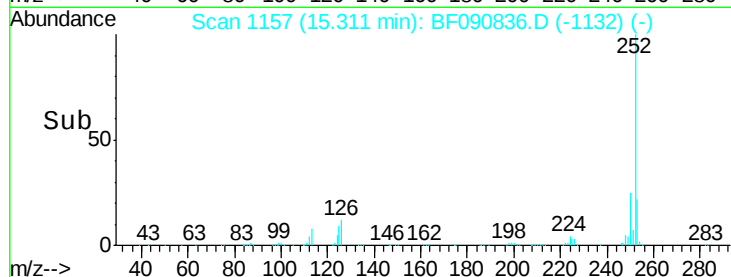
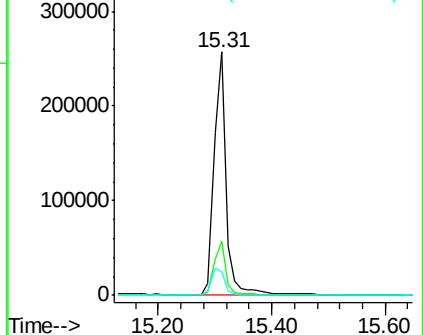
125 9.6 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 9.43 ng

RT: 16.74 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF090836.D

Acq: 26 Oct 2016 12:06

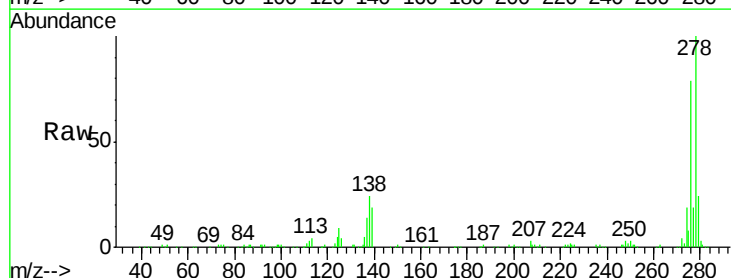
Tgt Ion:278 Resp: 330727

Ion Ratio Lower Upper

278 100

139 19.0 26.3 39.5#

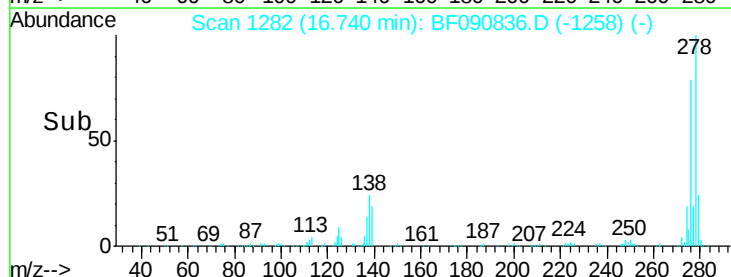
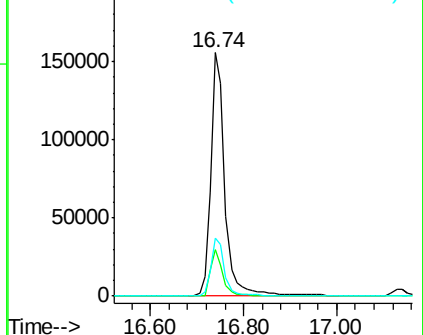
279 23.7 18.2 27.4

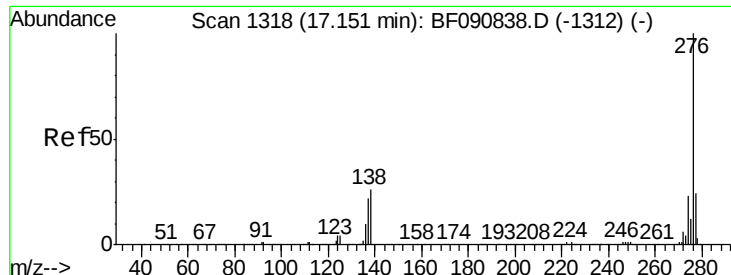


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

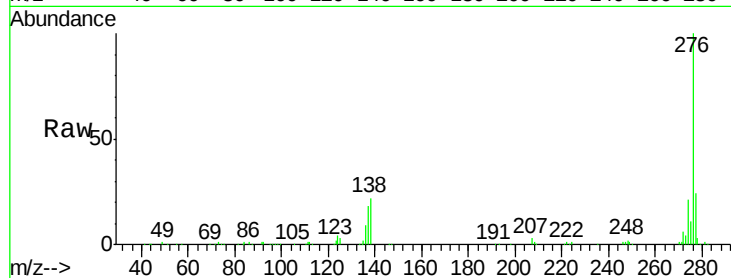




#91
 Benzo(a,h,i)perylene
 Concen: 9.38 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF090836.D
 Acq: 26 Oct 2016 12:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 319076
 Ion Ratio Lower Upper
 276 100
 277 24.4 17.8 26.6
 138 21.8 34.6 51.8#



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

