

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
 Data File : BF082239.D
 Acq On : 13 Oct 2015 2:58
 Operator : UM/IZ
 Sample : G3990-14MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

Quant Time: Oct 13 06:30:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 06:28:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	247799	20.00	ng	0.15
21) Naphthalene-d8	8.13	136	249042	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	126187	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	253704	20.00	ng	0.00
75) Chrysene-d12	14.01	240	237716	20.00	ng	0.00
86) Perylene-d12	15.44	264	192638	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	208304	16.97	ng	0.00
7) Phenol-d6	6.47	99	176330	11.04	ng	0.00
23) Nitrobenzene-d5	7.41	82	409720	110.48	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	195678	165.35	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	788389	103.61	ng	0.00
78) Terphenyl-d14	12.95	244	809776	90.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	28675	4.65	ng	# 95
3) Pyridine	3.15	79	53520	3.73	ng	97
4) n-Nitrosodimethylamine	3.09	42	22946	3.77	ng	# 99
6) Aniline	6.49	93	132638	6.44	ng	96
8) 2-Chlorophenol	6.62	128	159276	10.63	ng	93
9) Benzaldehyde	6.38	77	109354	13.40	ng	96
10) Phenol	6.48	94	73408	3.98	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	198335	12.73	ng	99
12) 1,3-Dichlorobenzene	6.85	146	188857	10.82	ng	96
13) 1,4-Dichlorobenzene	7.01	146	187901	10.31	ng	97
14) 1,2-Dichlorobenzene	7.01	146	187901	10.86	ng	# 91
15) Benzyl Alcohol	6.98	79	93156	8.45	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.11	45	277377	12.79	ng	95
17) 2-Methylphenol	7.10	107	100182	8.45	ng	99
18) Hexachloroethane	7.34	117	60460	9.69	ng	# 89
19) n-Nitroso-di-n-propylamine	7.41	70	54080	4.82	ng	# 79
20) 3+4-Methylphenols	7.25	107	105407	7.46	ng	# 25
22) Acetophenone	7.25	105	260417	52.86	ng	94
24) Nitrobenzene	7.43	77	191102	47.61	ng	# 79
25) Isophorone	7.66	82	362329	48.41	ng	99
26) 2-Nitrophenol	7.74	139	100880	50.33	ng	# 87
27) 2,4-Dimethylphenol	7.78	122	147297	45.61	ng	94
28) bis(2-Chloroethoxy)methane	7.87	93	233575	53.63	ng	99
29) 2,4-Dichlorophenol	7.98	162	157825	48.89	ng	93
30) 1,2,4-Trichlorobenzene	8.06	180	163392	43.91	ng	98
31) Naphthalene	8.15	128	510190	47.26	ng	99
32) Benzoic acid	7.86	122	28311	13.06	ng	98
33) 4-Chloroaniline	8.19	127	125990	28.10	ng	97
34) Hexachlorobutadiene	8.25	225	90318	38.96	ng	98
35) Caprolactam	8.57	113	6830	7.29	ng	91
36) 4-Chloro-3-methylphenol	8.67	107	148333	46.99	ng	98
37) 2-Methylnaphthalene	8.83	142	387198	51.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	183166	48.80	ng	97
40) Hexachlorocyclopentadiene	8.98	237	147537	77.92	ng	97

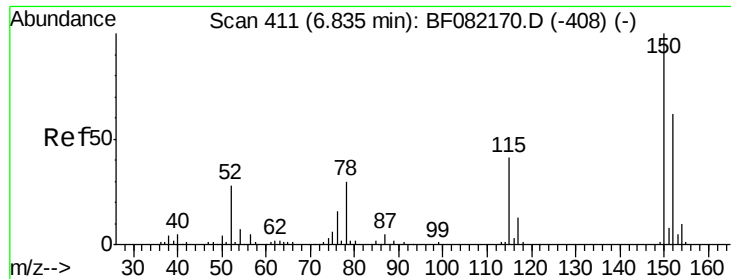
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
 Data File : BF082239.D
 Acq On : 13 Oct 2015 2:58
 Operator : UM/IZ
 Sample : G3990-14MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

Quant Time: Oct 13 06:30:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 06:28:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	119606	47.98	nq	98
43) 2,4,5-Trichlorophenol	9.15	196	139588	51.69	nq #	93
45) 1,1'-Biphenyl	9.30	154	504106	52.39	nq	96
46) 2-Chloronaphthalene	9.33	162	393284	51.92	nq	96
47) 2-Nitroaniline	9.43	65	120951	58.16	nq #	84
48) Acenaphthylene	9.74	152	583427	49.44	nq	99
49) Dimethylphthalate	9.61	163	469744	52.86	nq #	98
50) 2,6-Dinitrotoluene	9.67	165	95911	51.15	nq #	77
51) Acenaphthene	9.91	154	351291	49.59	nq	98
52) 3-Nitroaniline	9.84	138	62684	29.60	nq	93
53) 2,4-Dinitrophenol	9.95	184	107241	100.57	nq #	86
54) Dibenzofuran	10.08	168	529360	54.43	nq	97
55) 4-Nitrophenol	10.01	139	40187	35.15	nq	96
56) 2,4-Dinitrotoluene	10.08	165	138154	58.95	nq #	89
57) Fluorene	10.42	166	410703	51.41	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	124095	56.24	nq	92
59) Diethylphthalate	10.31	149	473838	57.21	nq	96
60) 4-Chlorophenyl-phenylether	10.42	204	207260	56.64	nq #	83
61) 4-Nitroaniline	10.46	138	103242	50.26	nq	95
62) Azobenzene	10.58	77	448189	55.29	nq	89
64) 4,6-Dinitro-2-methylphenol	10.48	198	71963	50.54	nq #	72
65) n-Nitrosodiphenylamine	10.54	169	286742	37.75	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	131109	51.64	nq #	83
67) Hexachlorobenzene	10.97	284	139967	50.97	nq #	78
68) Atrazine	11.07	200	142352	59.15	nq	97
69) Pentachlorophenol	11.17	266	145756	103.15	nq	97
70) Phenanthrene	11.39	178	691214	55.58	nq	99
71) Anthracene	11.44	178	691422	53.96	nq	99
72) Carbazole	11.60	167	624503	53.42	nq	99
73) Di-n-butylphthalate	11.93	149	759846	52.69	nq #	98
74) Fluoranthene	12.58	202	752517	56.34	nq	96
76) Benzidine	12.71	184	175628	25.49	nq	98
77) Pyrene	12.81	202	761903	54.01	nq	98
79) Butylbenzylphthalate	13.43	149	353833	54.96	nq	89
80) Benzo(a)anthracene	14.00	228	657943	53.20	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	104143	22.18	nq #	98
82) Chrysene	14.04	228	666972	51.18	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	437833	47.67	nq #	95
84) Di-n-octyl phthalate	14.60	149	738145	46.79	nq	100
85) Indeno(1,2,3-cd)pyrene	16.86	276	571076	55.13	nq	100
87) Benzo(b)fluoranthene	15.03	252	566216	48.31	nq	99
88) Benzo(k)fluoranthene	15.03	252	566216	57.48	nq	99
89) Benzo(a)pyrene	15.38	252	532945	52.91	nq	99
90) Dibenzo(a,h)anthracene	16.87	278	474299	57.46	nq	98
91) Benzo(g,h,i)perylene	17.28	276	483989	60.36	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 424

Delta R.T. 0.15 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

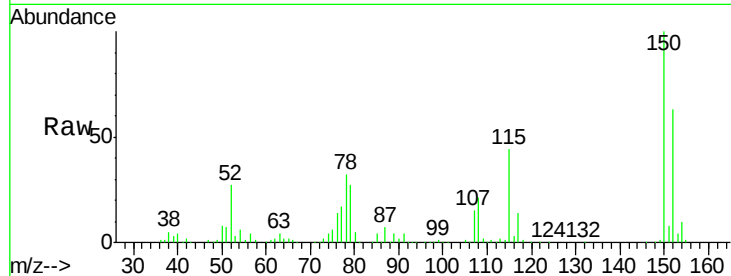
Tot Ion:152 Resp: 247799

Ion Ratio Lower Upper

152 100

150 158.3 129.0 193.4

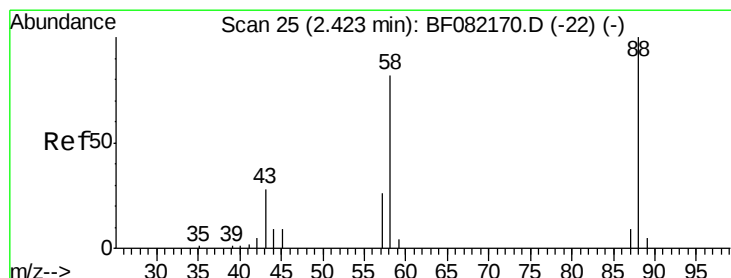
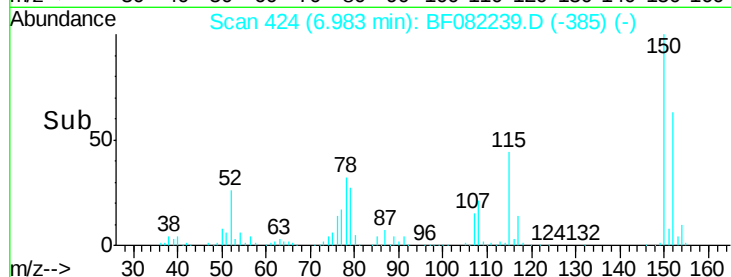
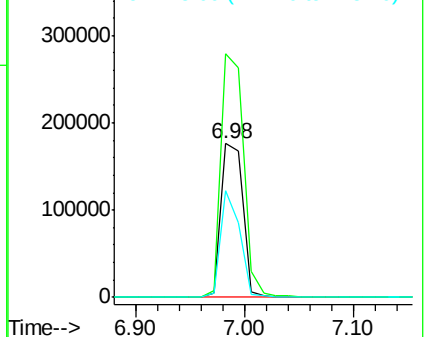
115 69.1 52.1 78.1



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: 4.65 ng

RT: 2.41 min Scan# 24

Delta R.T. 0.05 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

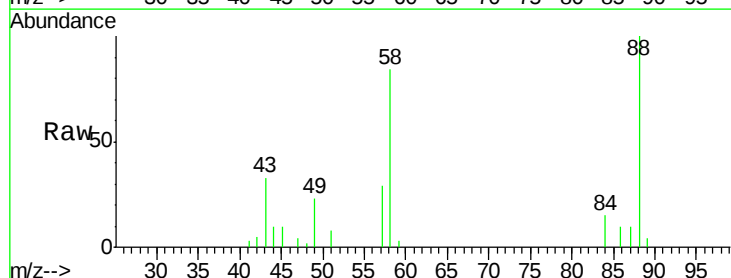
Tgt Ion: 88 Resp: 28675

Ion Ratio Lower Upper

88 100

58 85.9 66.2 99.4

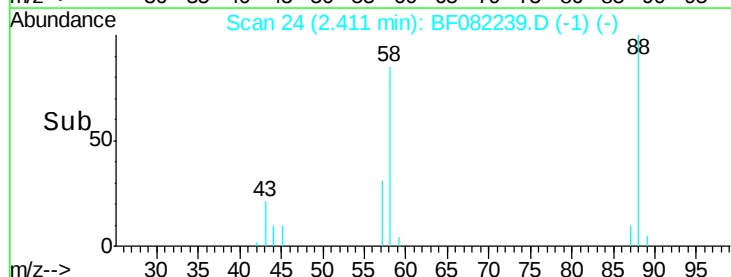
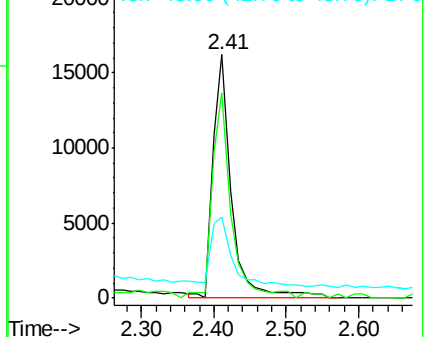
43 34.5 23.0 34.4#

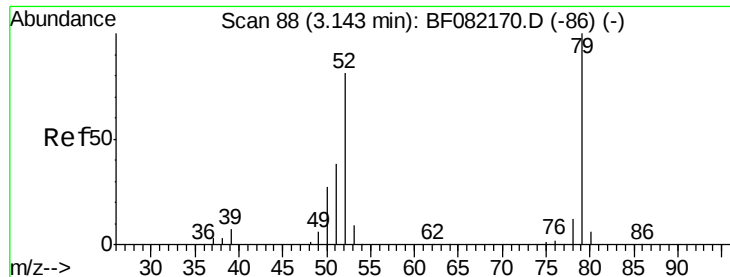


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 3.73 ng

RT: 3.15 min Scan# 89

Delta R.T. 0.07 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

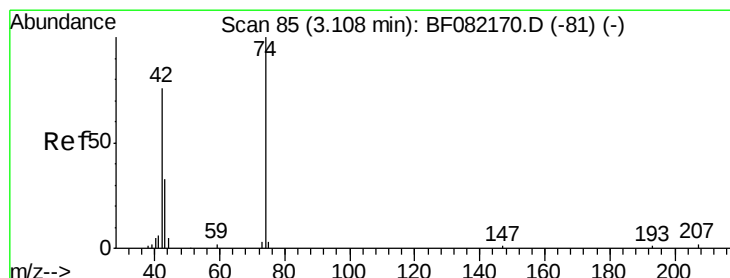
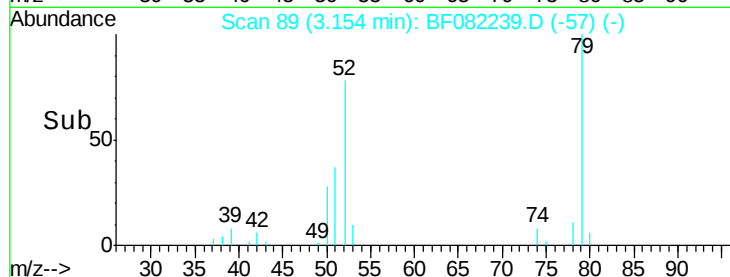
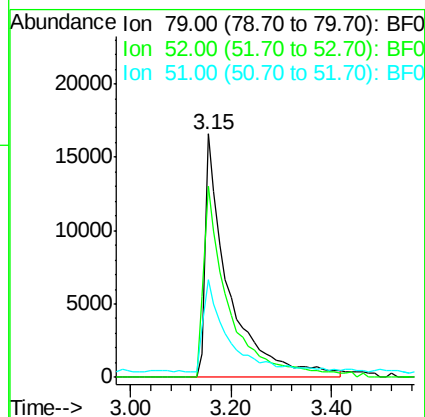
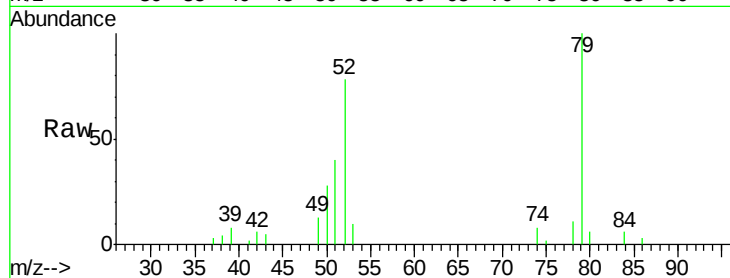
Tot Ion: 79 Resp: 53520

Ion Ratio Lower Upper

79 100

52 78.5 64.4 96.6

51 40.0 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 3.77 ng

RT: 3.09 min Scan# 83

Delta R.T. 0.03 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

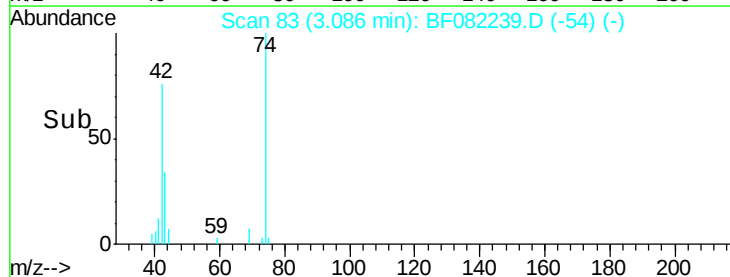
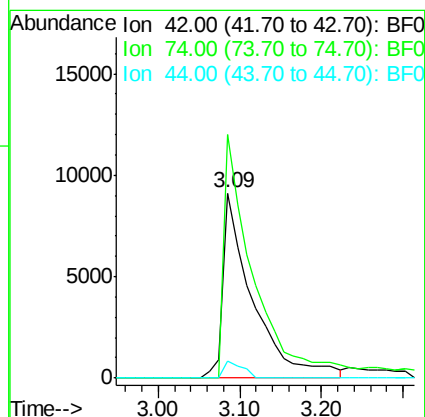
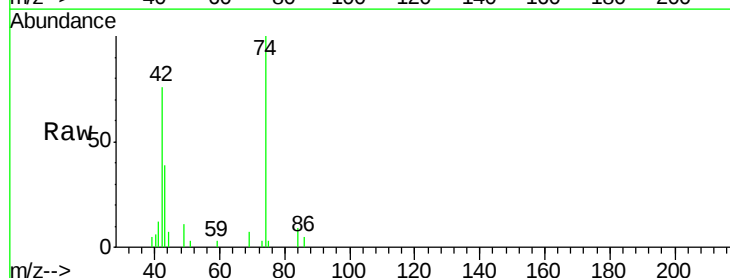
Tgt Ion: 42 Resp: 22946

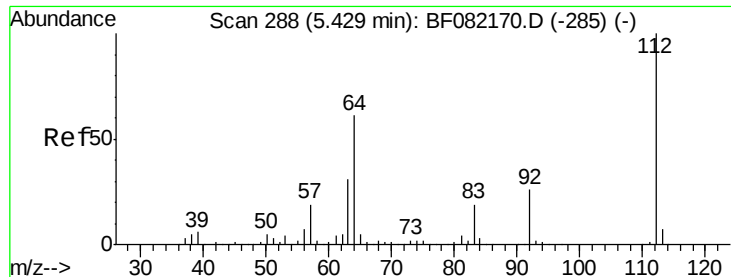
Ion Ratio Lower Upper

42 100

74 131.8 105.7 158.5

44 9.2 5.4 8.2#





#5

2-Fluorophenol

Concen: 16.97 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

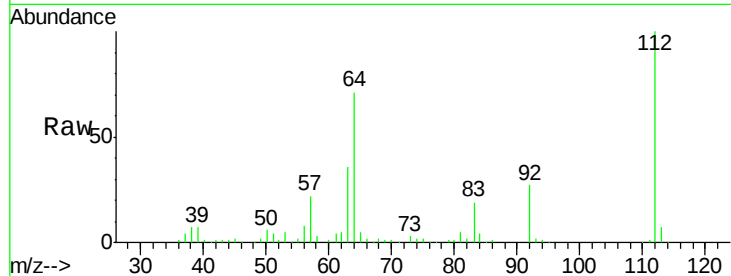
Tot Ion:112 Resp: 208304

Ion Ratio Lower Upper

112 100

64 71.0 48.6 73.0

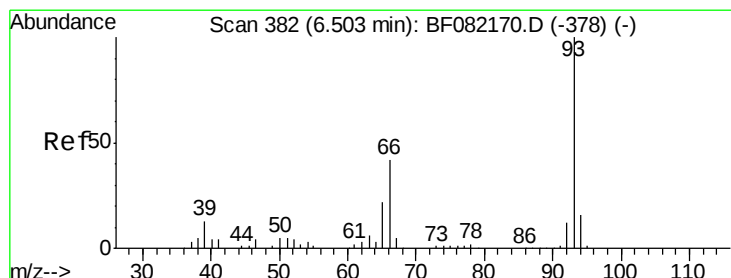
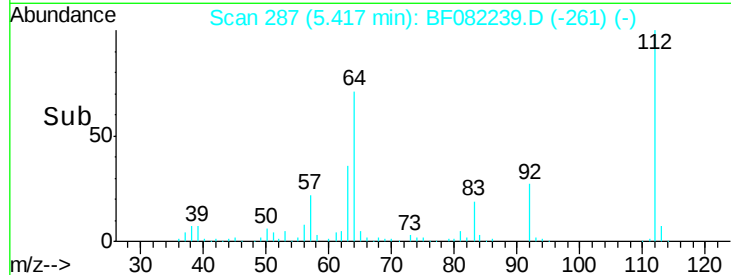
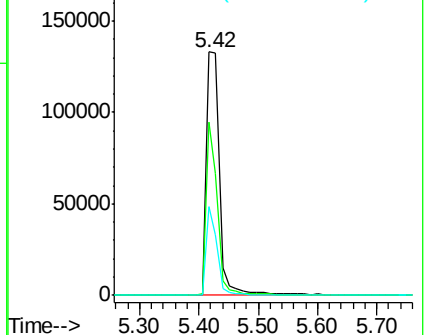
63 36.4 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 6.44 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

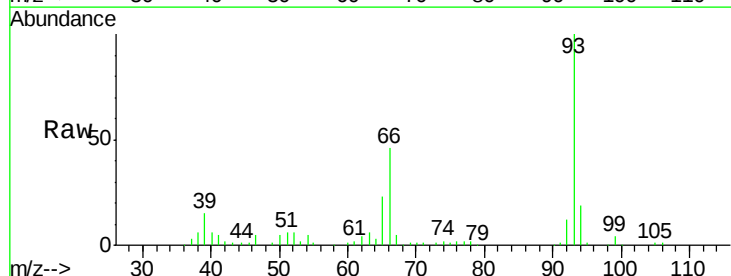
Tgt Ion: 93 Resp: 132638

Ion Ratio Lower Upper

93 100

66 45.5 34.2 51.2

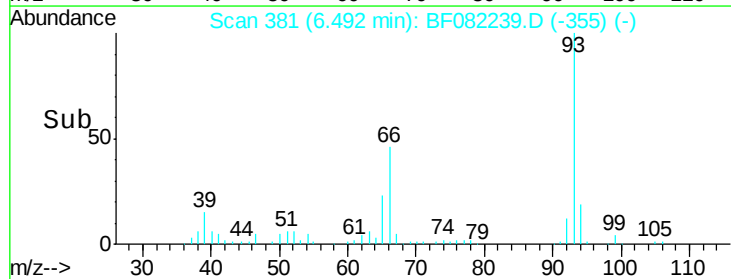
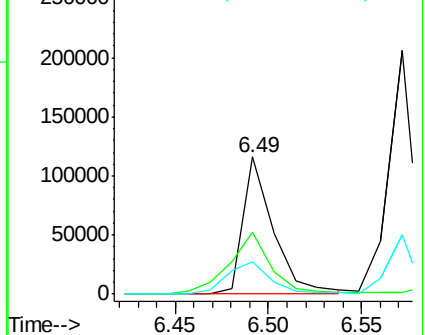
65 23.4 17.9 26.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 11.04 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

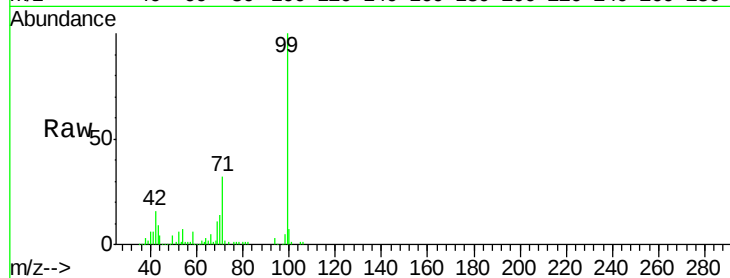
Tot Ion: 99 Resp: 176330

Ion Ratio Lower Upper

99 100

42 16.2 13.2 19.8

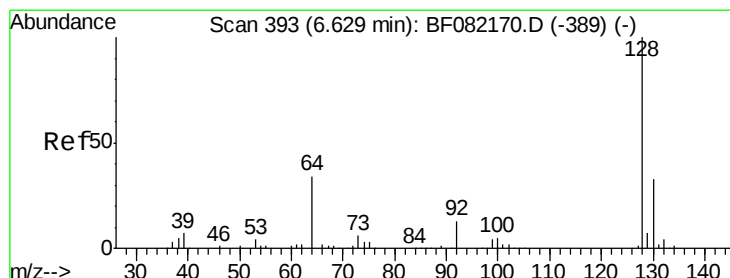
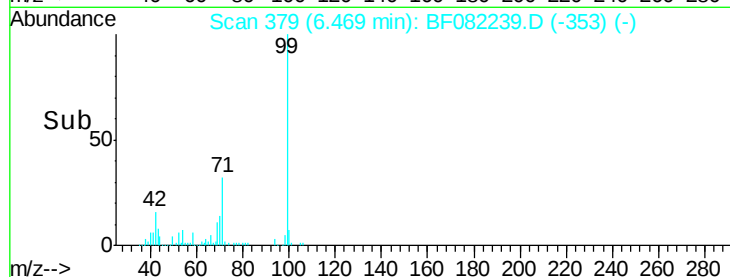
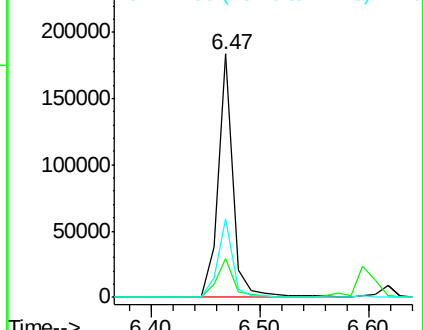
71 32.0 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 10.63 ng

RT: 6.62 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

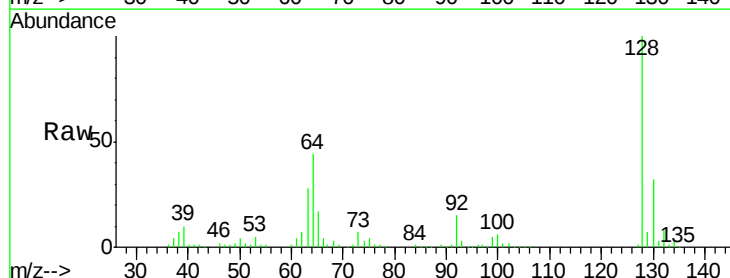
Tgt Ion: 128 Resp: 159276

Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

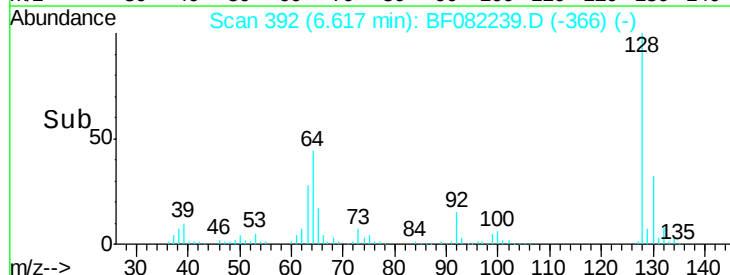
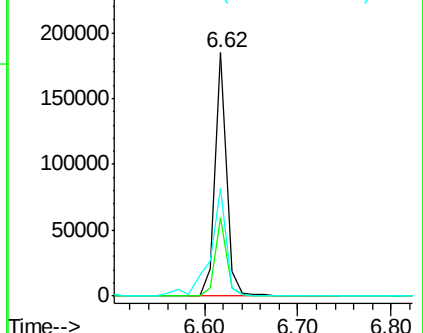
64 44.3 16.7 56.7



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: 13.40 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

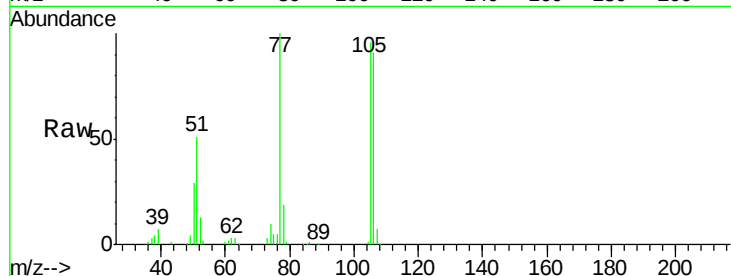
Tot Ion: 77 Resp: 109354

Ion Ratio Lower Upper

77 100

105 95.9 80.6 120.6

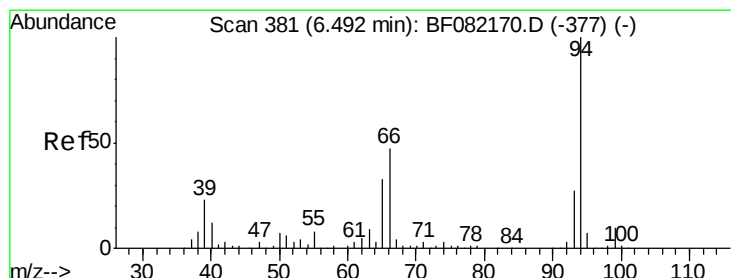
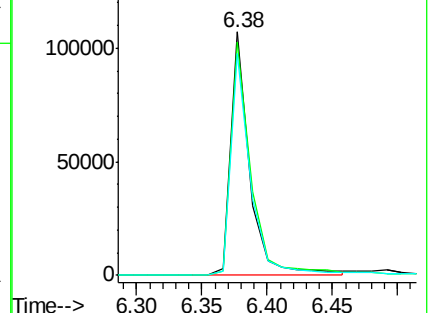
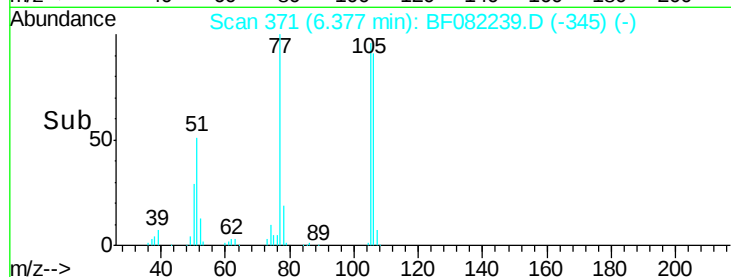
106 91.4 75.5 115.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 3.98 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

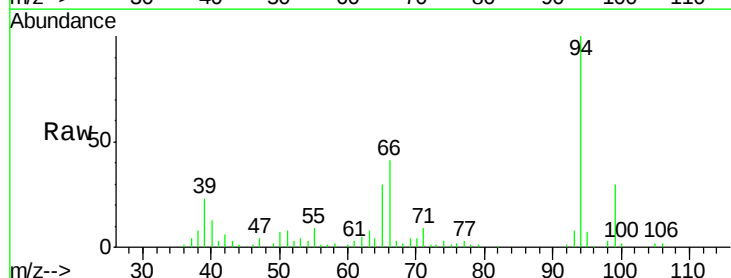
Tgt Ion: 94 Resp: 73408

Ion Ratio Lower Upper

94 100

65 30.0 12.6 52.6

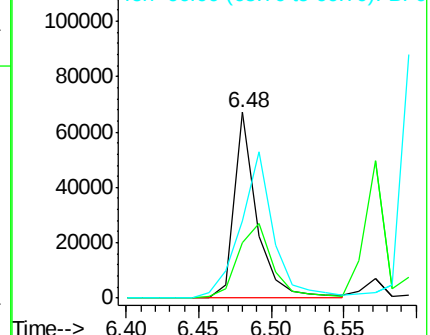
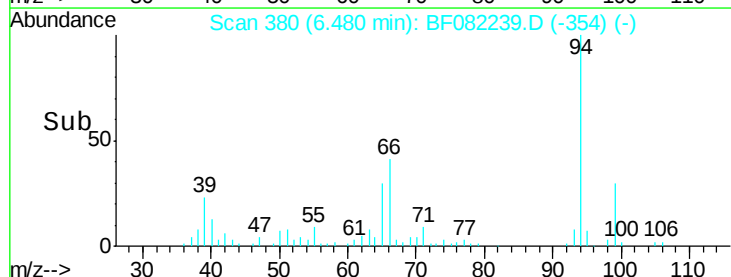
66 41.5 27.3 67.3



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 12.73 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

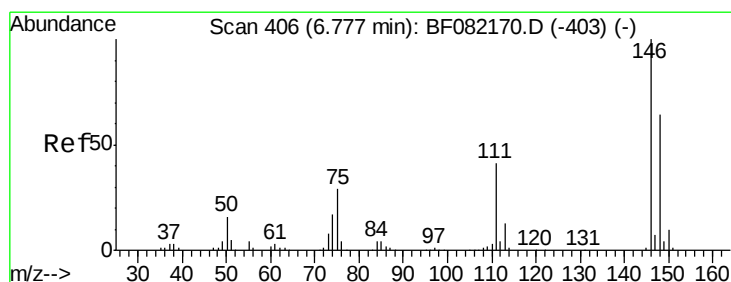
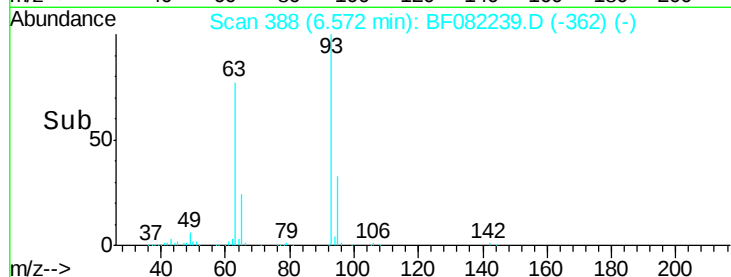
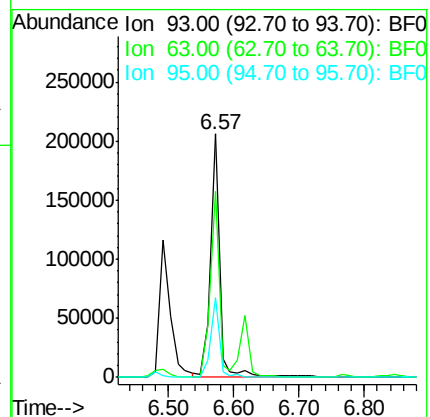
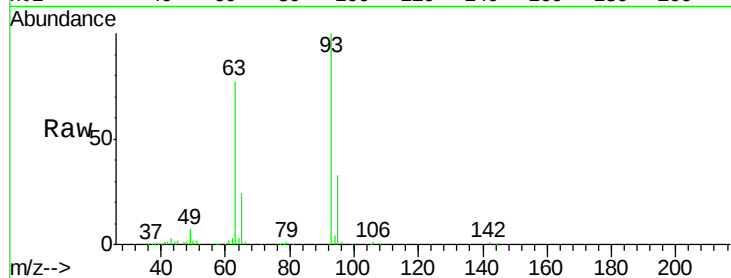
Tot Ion: 93 Resp: 198335

Ion Ratio Lower Upper

93 100

63 76.5 57.1 97.1

95 32.5 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 10.82 ng

RT: 6.85 min Scan# 412

Delta R.T. 0.08 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

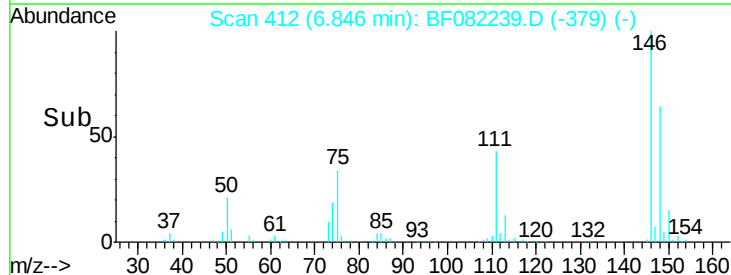
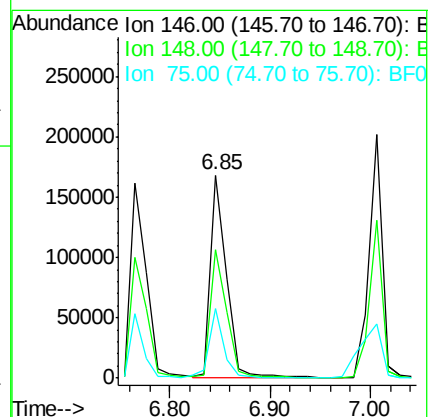
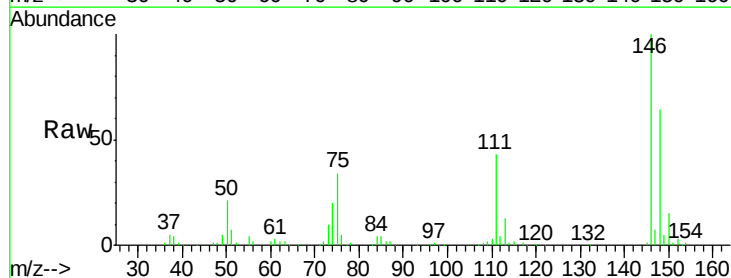
Tgt Ion: 146 Resp: 188857

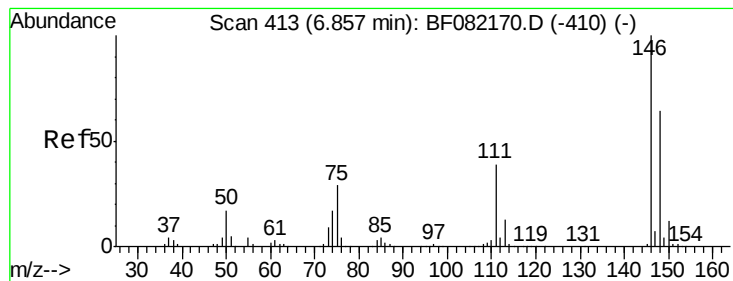
Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.2

75 34.2 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 10.31 ng

RT: 7.01 min Scan# 426

Delta R.T. 0.16 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

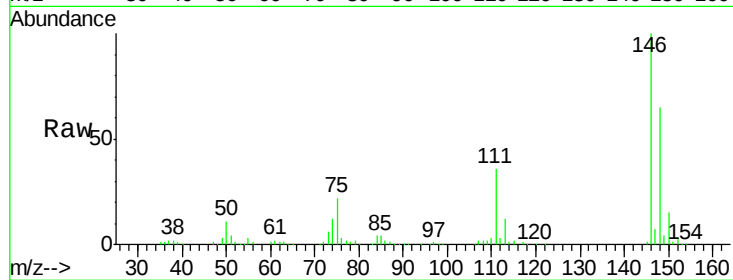
Tot Ion:146 Resp: 187901

Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.4

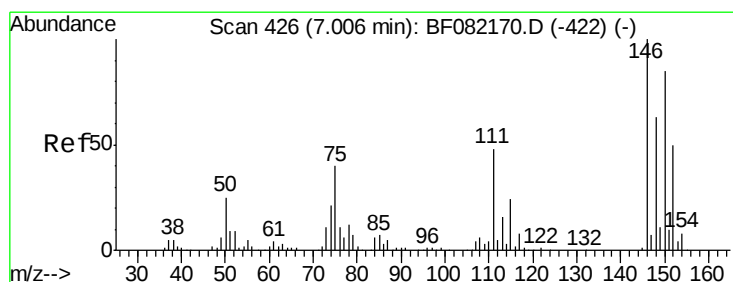
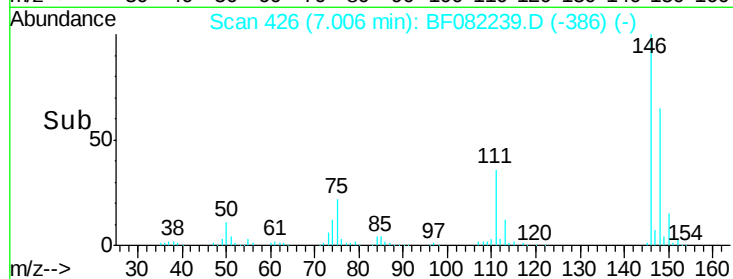
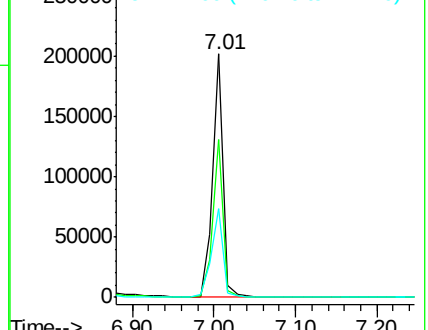
111 36.4 31.1 46.7



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: 10.86 ng

RT: 7.01 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

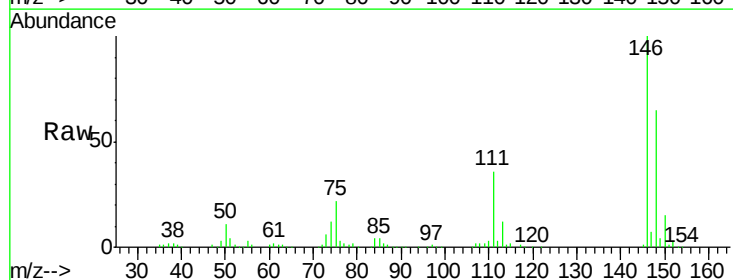
Tgt Ion:146 Resp: 187901

Ion Ratio Lower Upper

146 100

148 64.9 50.5 75.7

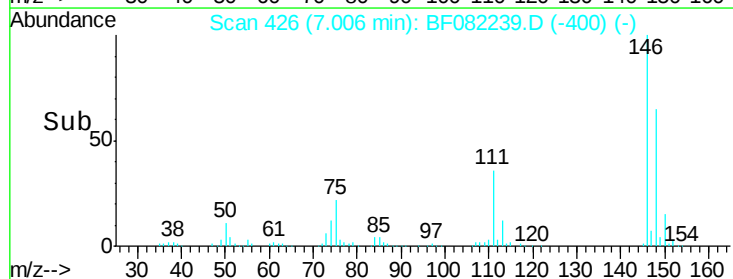
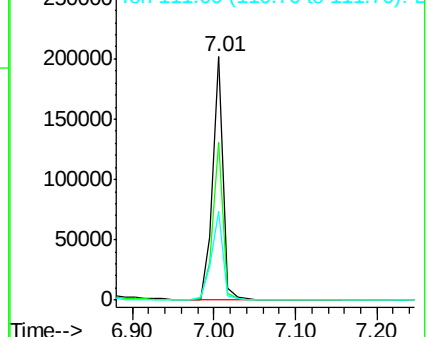
111 36.4 38.5 57.7#

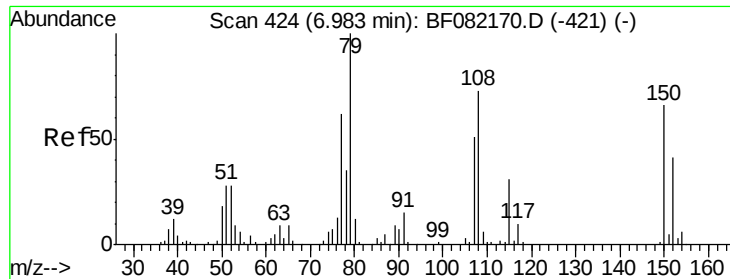


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

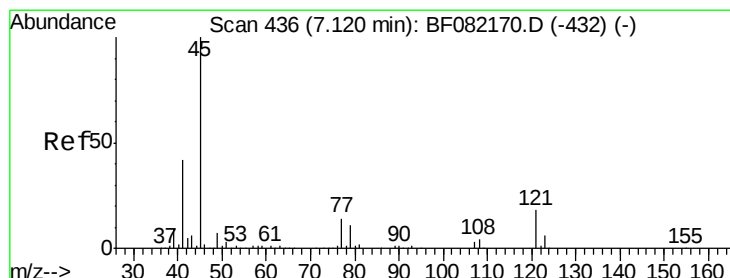
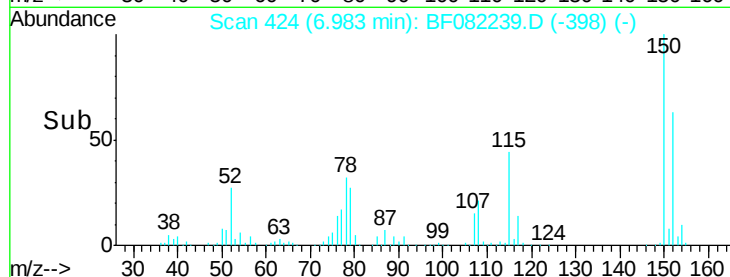
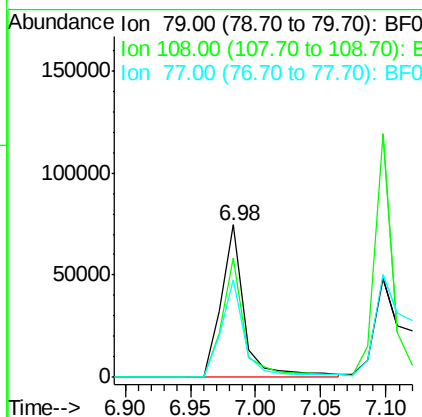
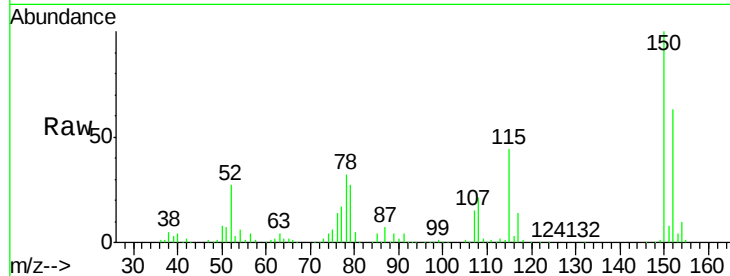




#15
Benzyl Alcohol
Concen: 8.45 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

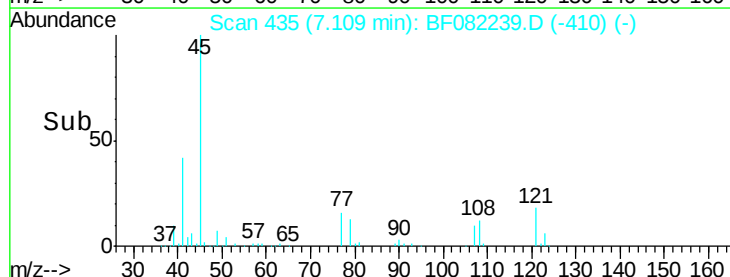
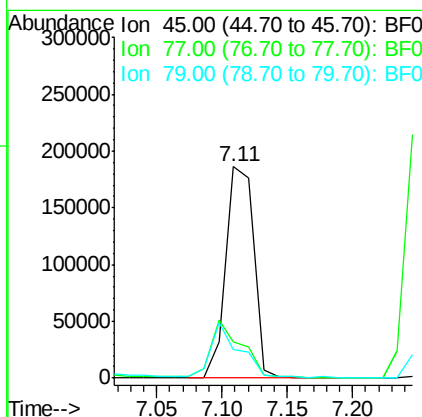
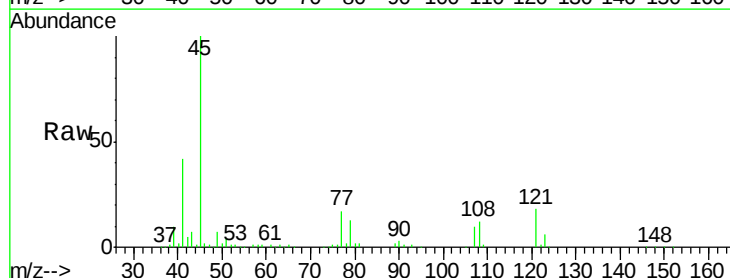
Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

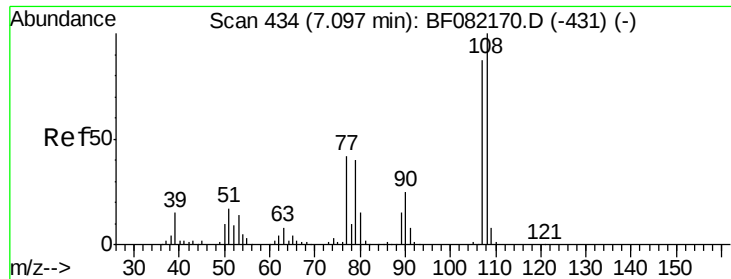
Tot Ion: 79 Resp: 93156
Ion Ratio Lower Upper
79 100
108 78.9 58.4 87.6
77 64.2 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.79 ng
RT: 7.11 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion: 45 Resp: 277377
Ion Ratio Lower Upper
45 100
77 16.9 0.0 34.5
79 13.4 0.0 31.6





#17

2-Methylphenol

Concen: 8.45 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

Tot Ion:107 Resp: 100182

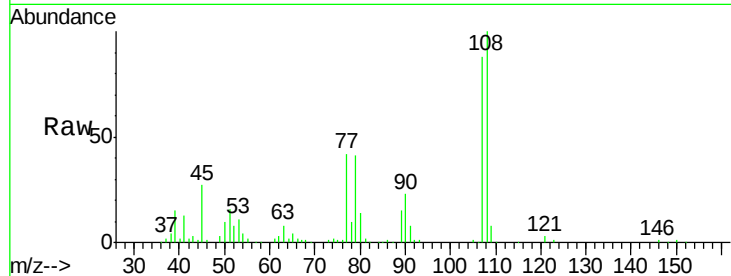
Ion Ratio Lower Upper

107 100

108 113.9 92.2 138.2

77 48.4 39.6 59.4

79 46.5 38.2 57.4

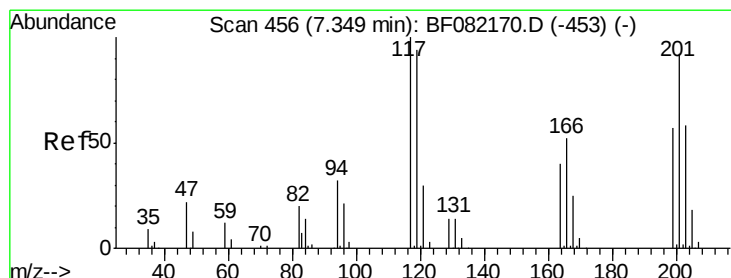
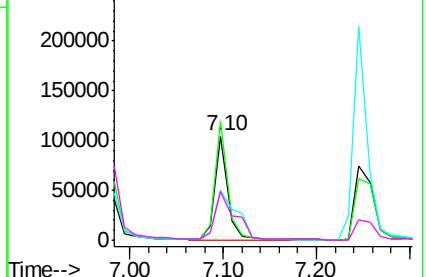
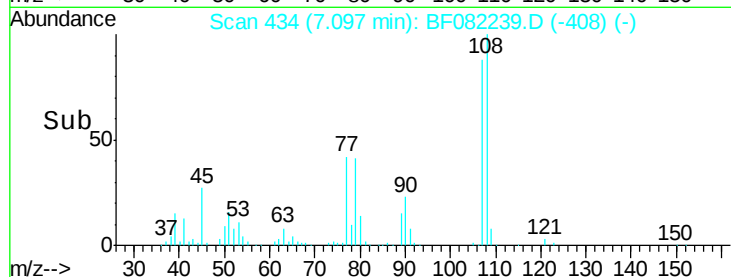


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 9.69 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

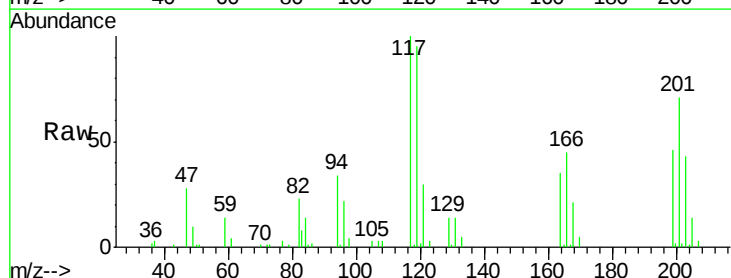
Tgt Ion:117 Resp: 60460

Ion Ratio Lower Upper

117 100

119 94.8 75.4 113.2

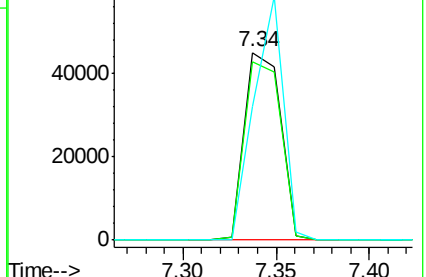
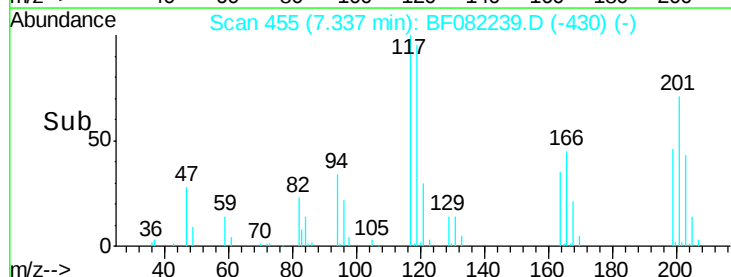
201 71.2 73.4 110.0#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

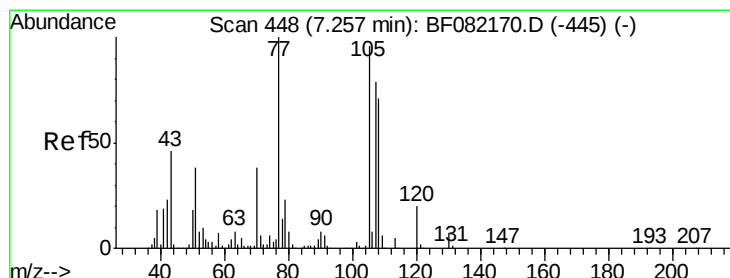
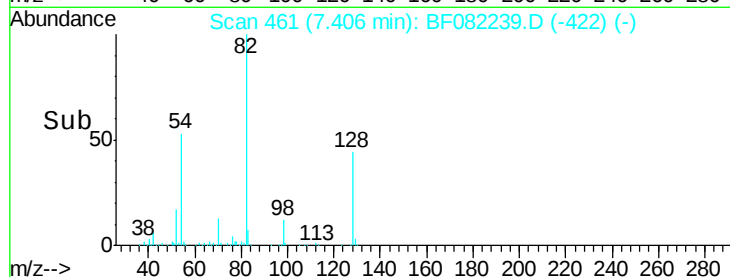
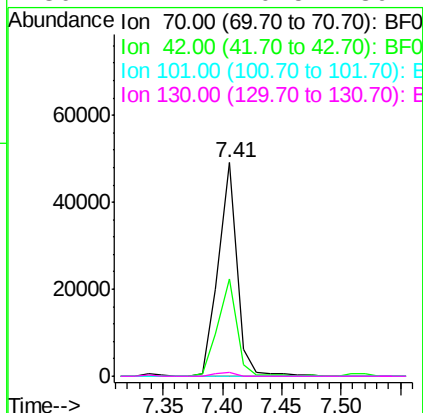
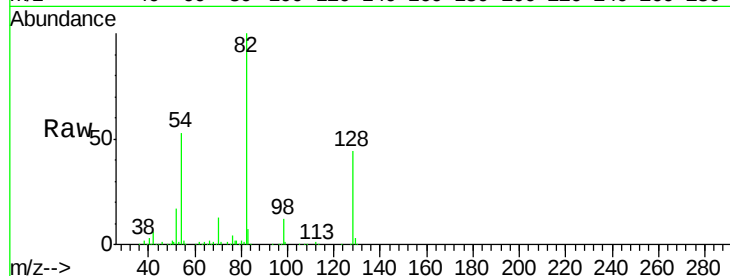




#19
n-Nitroso-di-n-propylamine
Concen: 4.82 ng
RT: 7.41 min Scan# 461
Delta R.T. 0.15 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

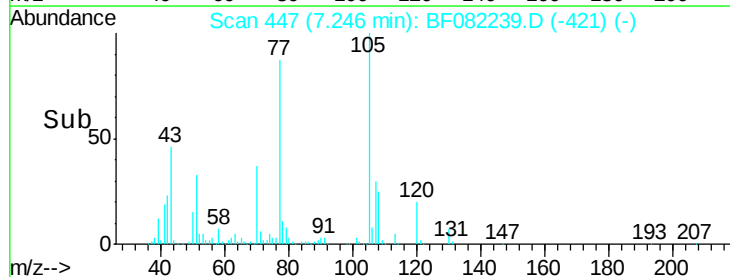
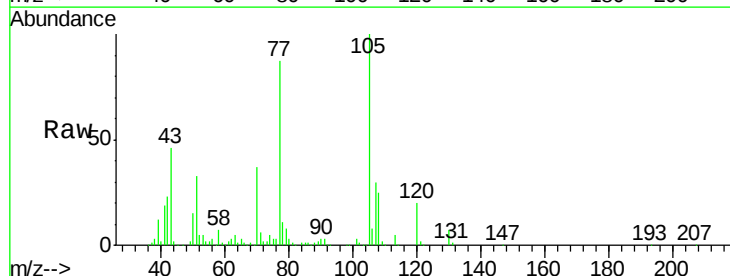
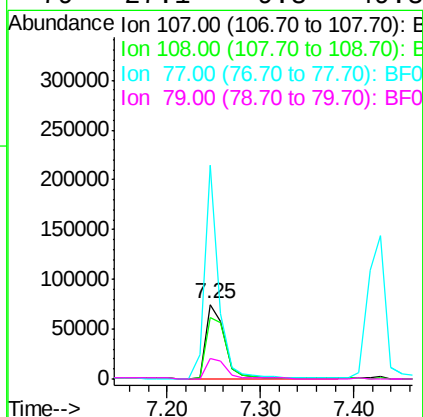
Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

Tot Ion: 70 Resp: 54080
Ion Ratio Lower Upper
70 100
42 45.6 39.8 59.8
101 0.0 8.6 13.0#
130 2.1 20.5 30.7#



#20
3+4-Methylphenols
Concen: 7.46 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion: 107 Resp: 105407
Ion Ratio Lower Upper
107 100
108 83.4 69.9 109.9
77 287.0 106.0 146.0#
79 27.1 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

Tot Ion:136 Resp: 249042

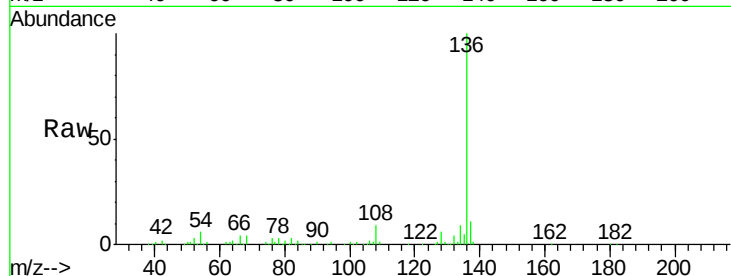
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 6.2 7.5 11.3#

68 4.0 4.6 7.0#

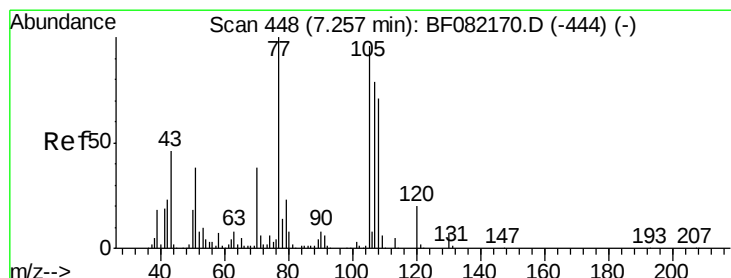
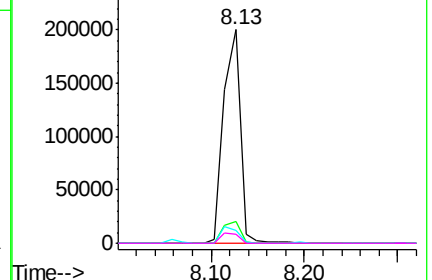
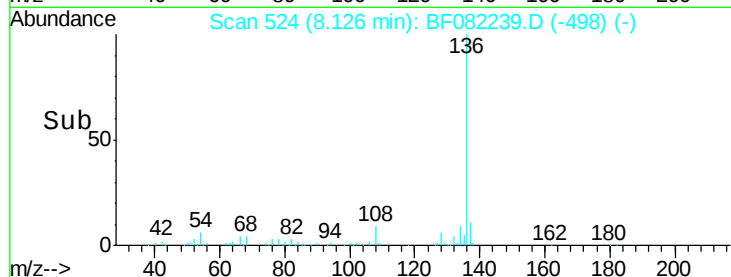


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.86 ng

RT: 7.25 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Tgt Ion:105 Resp: 260417

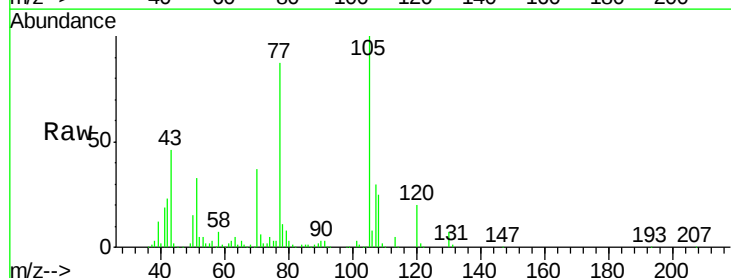
Ion Ratio Lower Upper

105 100

71 6.0 5.4 8.0

51 33.4 31.8 47.6

120 20.3 16.3 24.5

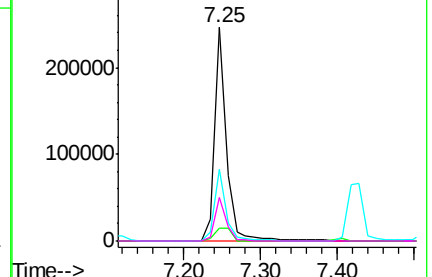
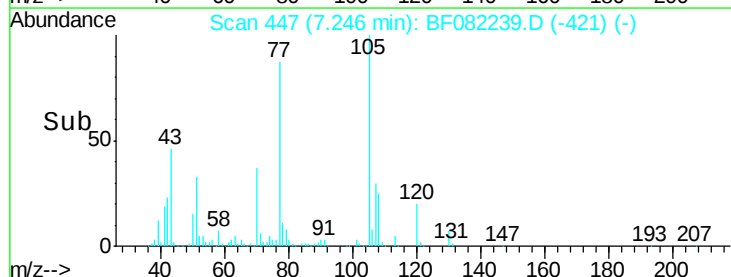


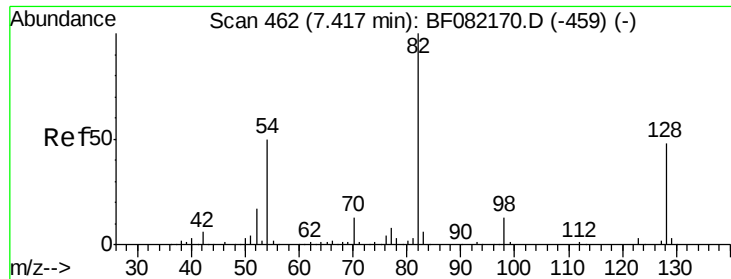
Abundance Ion 105.00 (104.70 to 105.70): E

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

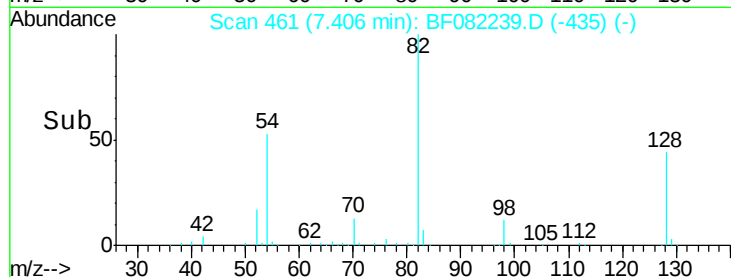
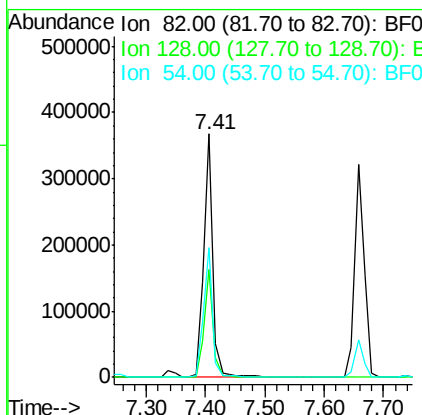
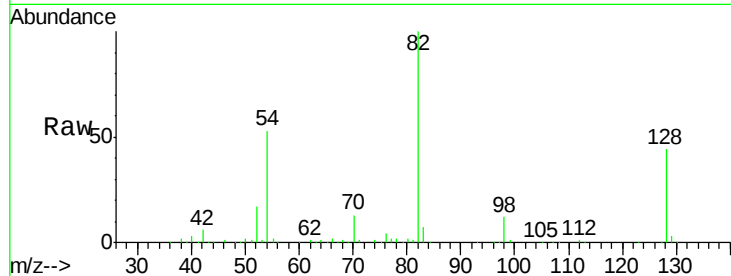




#23
Nitrobenzene-d5
Concen: 110.48 ng
RT: 7.41 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

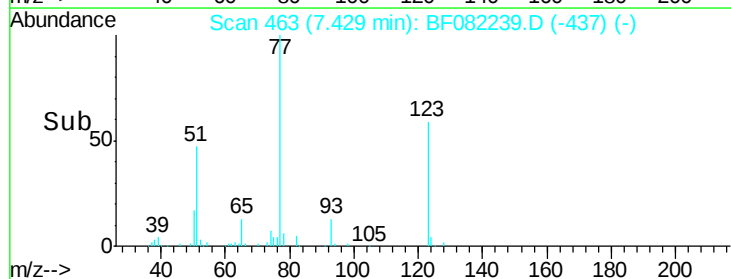
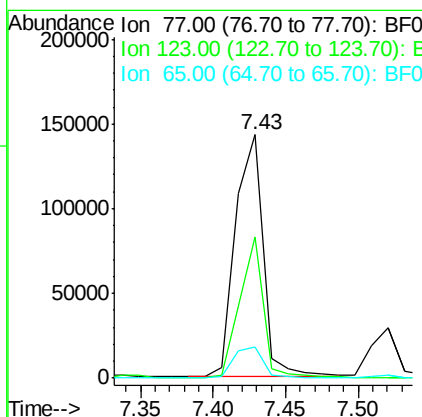
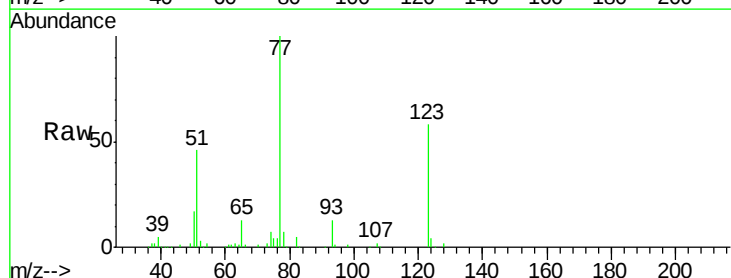
Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

Tot Ion: 82 Resp: 409720
Ion Ratio Lower Upper
82 100
128 44.2 38.7 58.1
54 53.5 40.1 60.1



#24
Nitrobenzene
Concen: 47.61 ng
RT: 7.43 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion: 77 Resp: 191102
Ion Ratio Lower Upper
77 100
123 58.1 33.0 49.4#
65 13.0 11.2 16.8





#25

Isophorone

Concen: 48.41 ng

RT: 7.66 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

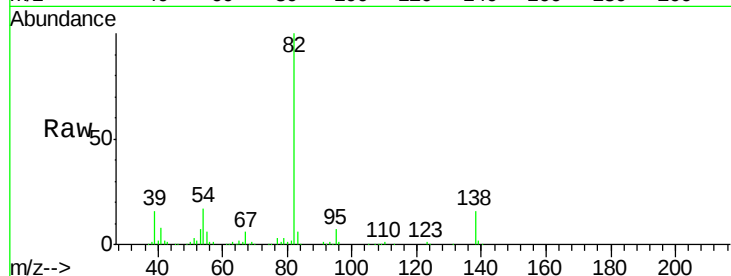
Tot Ion: 82 Resp: 362329

Ion Ratio Lower Upper

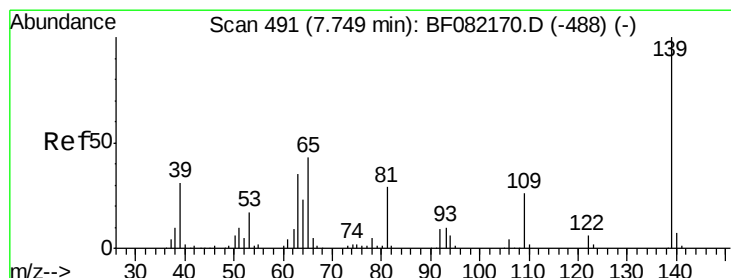
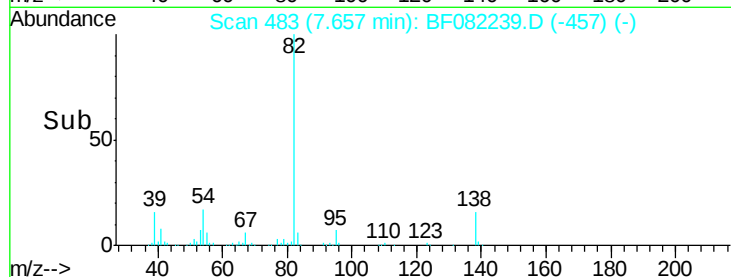
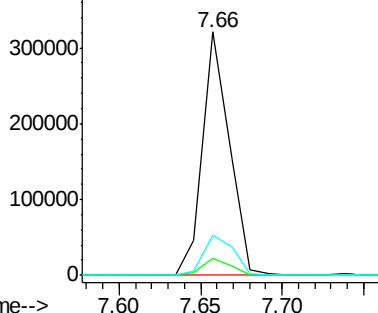
82 100

95 6.9 5.6 8.4

138 16.5 13.6 20.4



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



#26

2-Nitrophenol

Concen: 50.33 ng

RT: 7.74 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

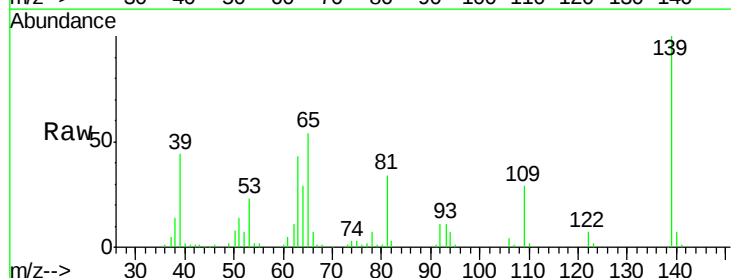
Tgt Ion: 139 Resp: 100880

Ion Ratio Lower Upper

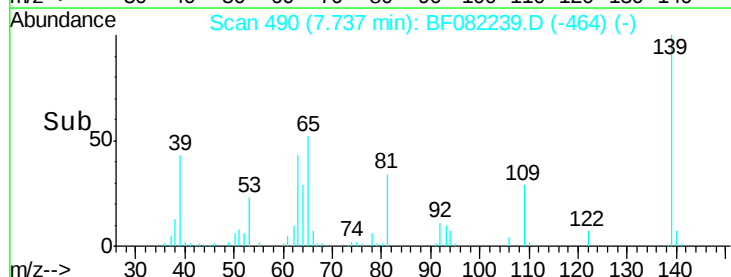
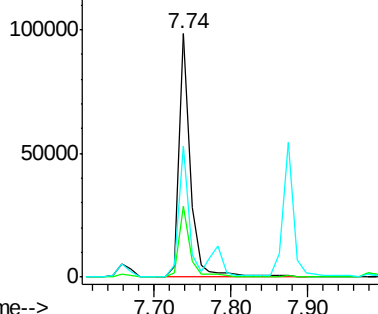
139 100

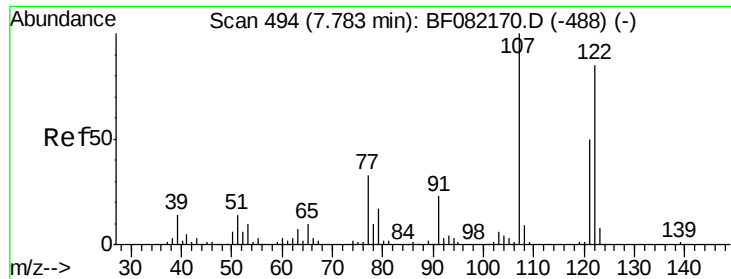
109 28.9 20.6 31.0

65 53.7 34.3 51.5#



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





#27

2,4-Dimethylphenol

Concen: 45.61 ng

RT: 7.78 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

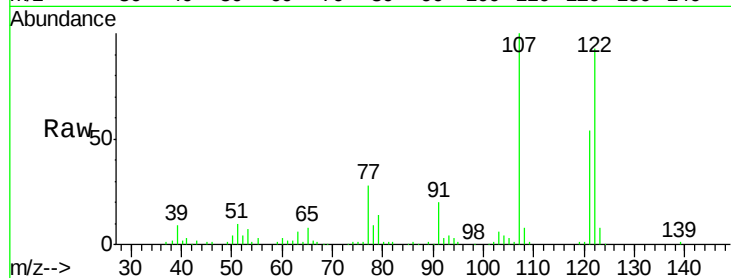
Tot Ion:122 Resp: 147297

Ion Ratio Lower Upper

122 100

107 108.1 94.0 141.0

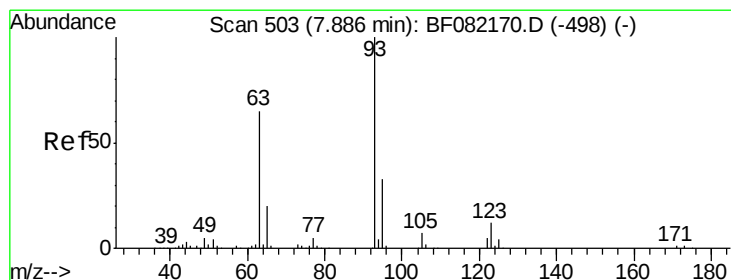
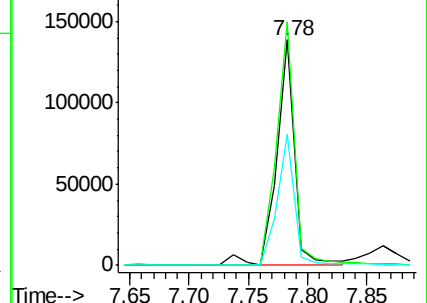
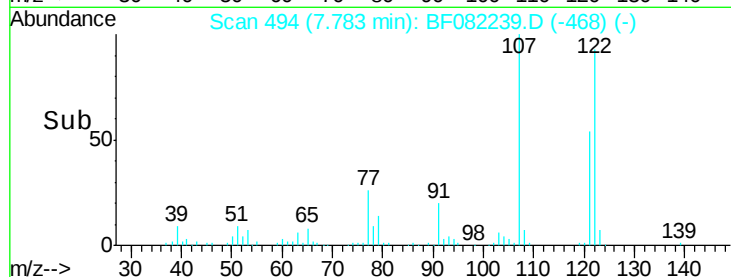
121 58.2 46.8 70.2



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: 53.63 ng

RT: 7.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

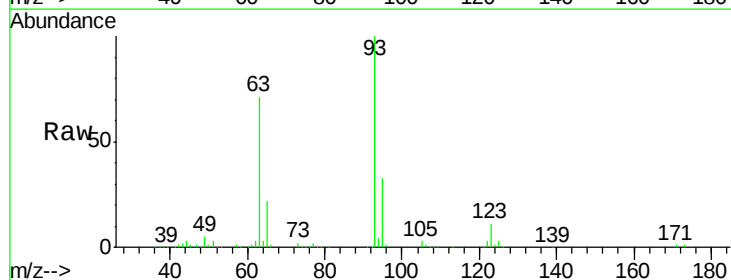
Tgt Ion: 93 Resp: 233575

Ion Ratio Lower Upper

93 100

95 33.2 26.6 39.8

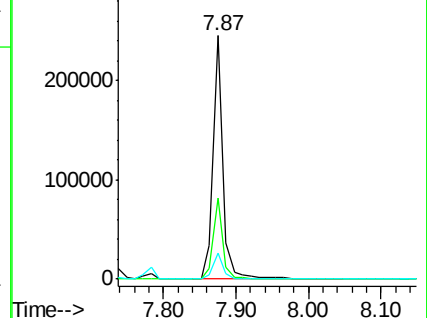
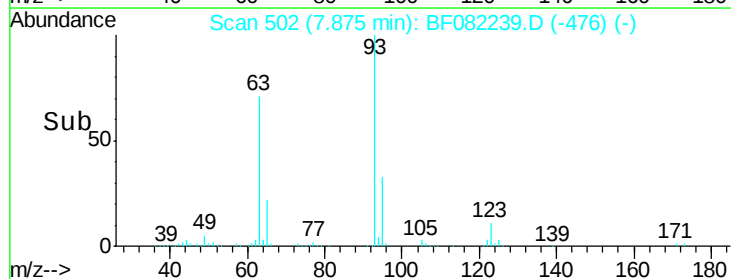
123 10.7 9.5 14.3

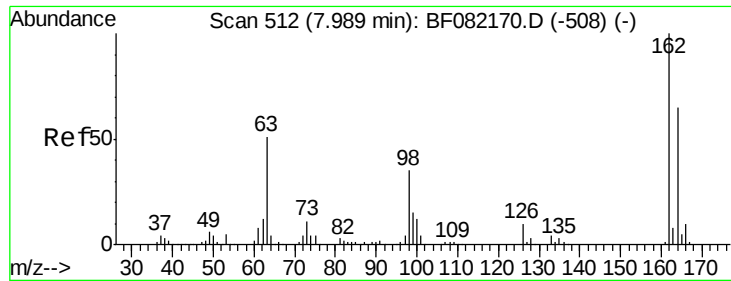


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

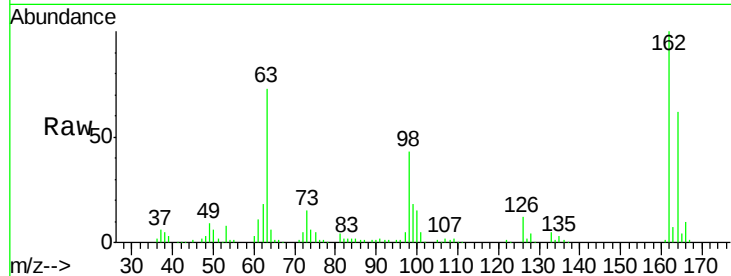




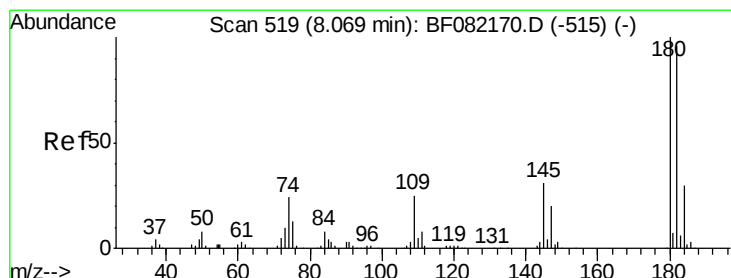
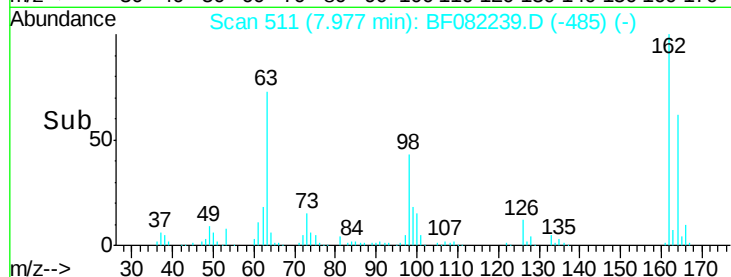
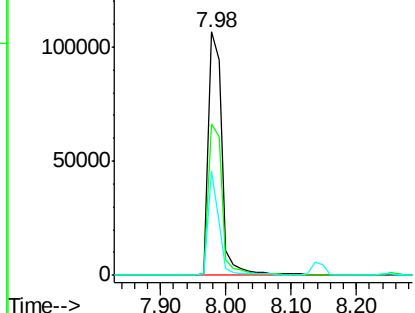
#29
 2,4-Dichlorophenol
 Concen: 48.89 ng
 RT: 7.98 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	44.6	84.6
98	42.8	15.0	55.0

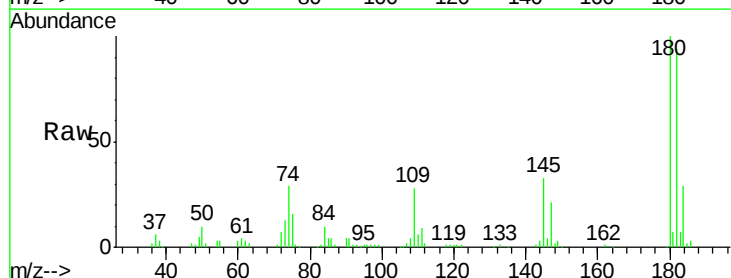


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

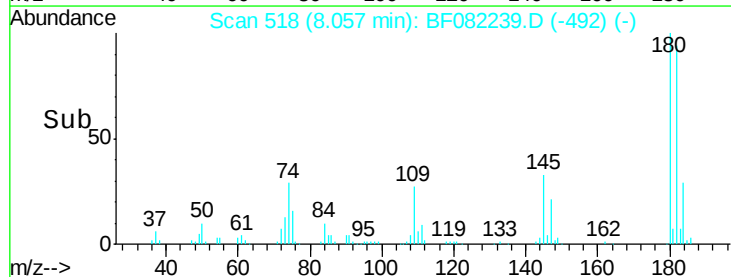
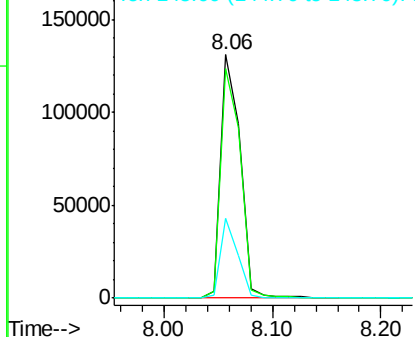


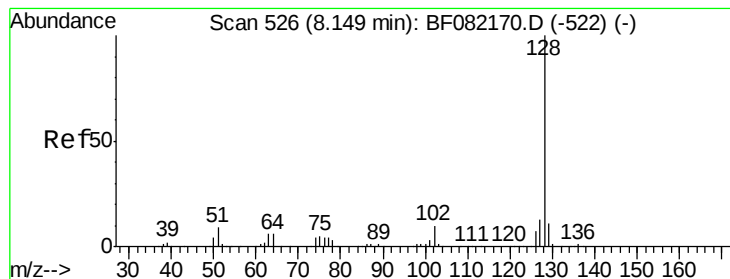
#30
 1,2,4-Trichlorobenzene
 Concen: 43.91 ng
 RT: 8.06 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.0	115.4
145	33.0	25.0	37.4



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: 47.26 ng

RT: 8.15 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

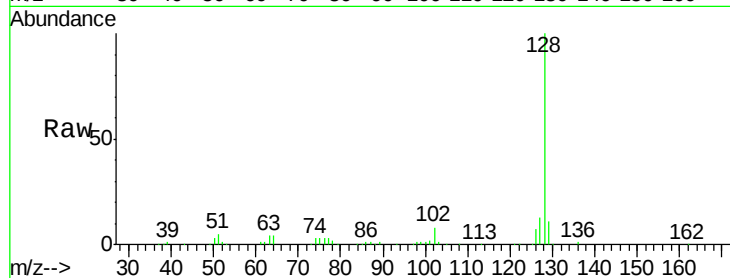
Tot Ion:128 Resp: 510190

Ion Ratio Lower Upper

128 100

129 10.8 9.1 13.7

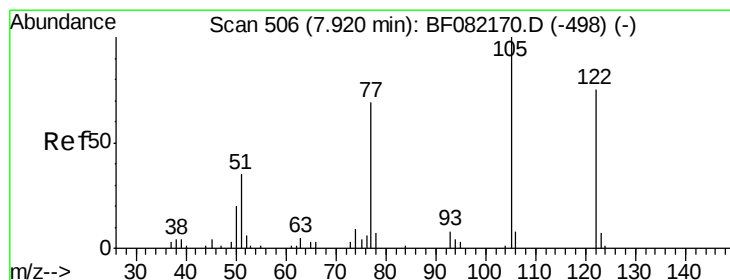
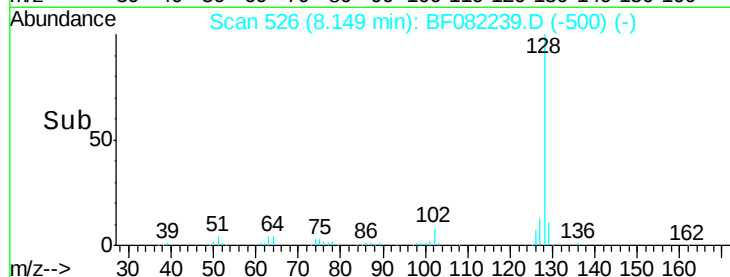
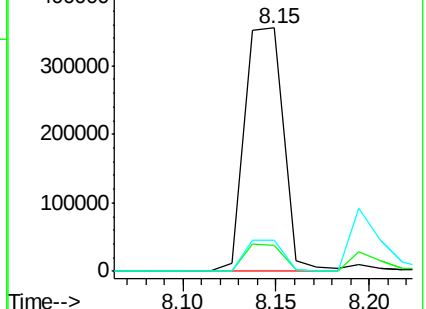
127 12.9 10.7 16.1



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: 13.06 ng

RT: 7.86 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

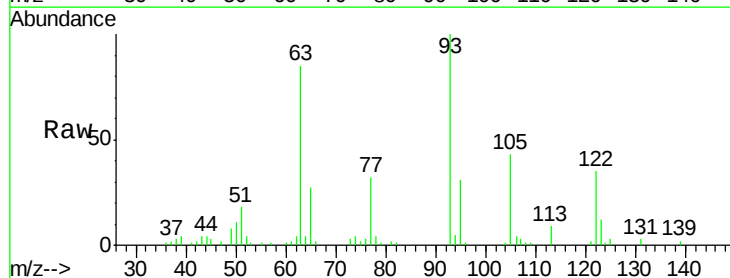
Tgt Ion:122 Resp: 28311

Ion Ratio Lower Upper

122 100

105 120.2 104.4 144.4

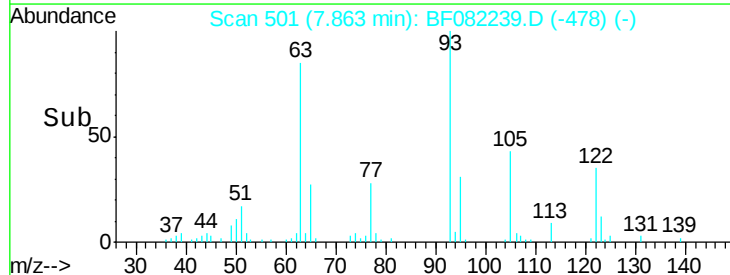
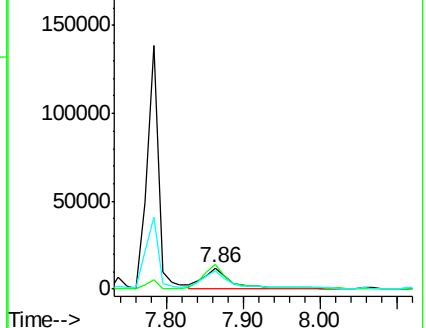
77 89.6 69.0 109.0



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

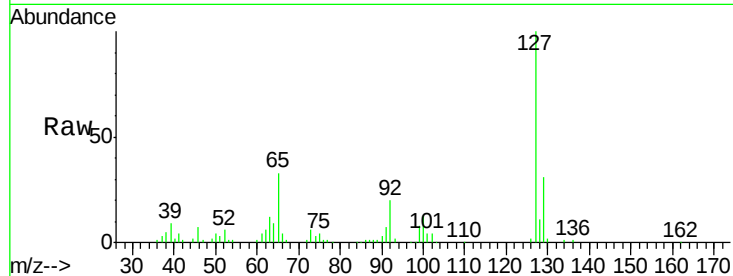




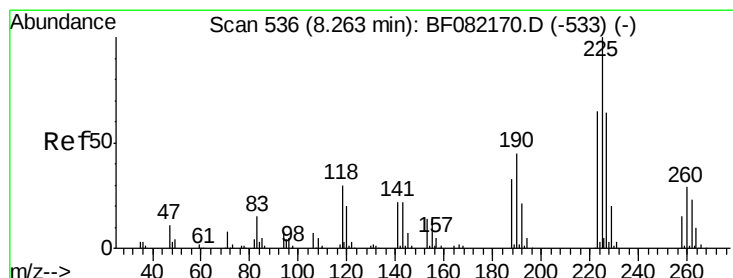
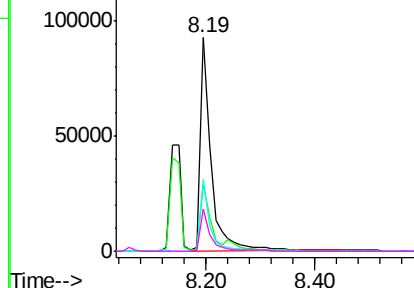
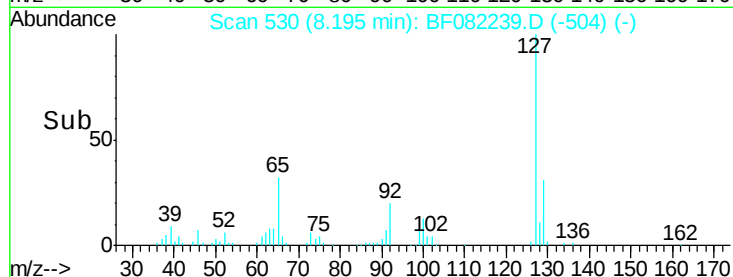
#33
4-Chloroaniline
Concen: 28.10 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

Tot Ion:	127	Resp:	125990
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.3	39.5
65	33.4	24.4	36.6
92	20.0	15.7	23.5

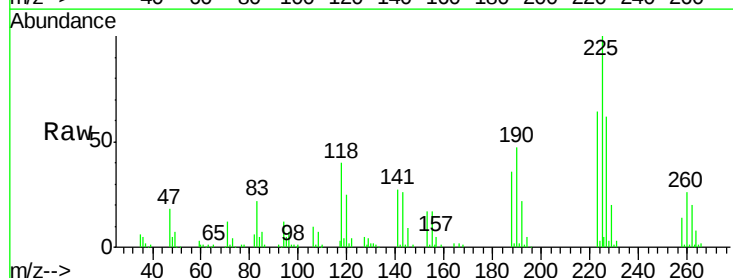


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

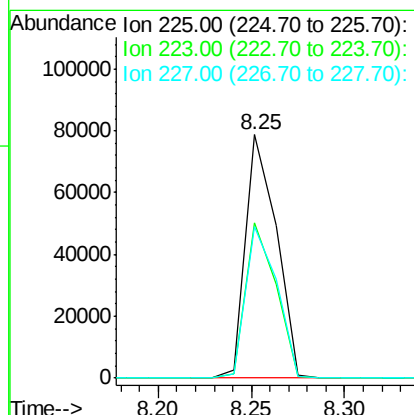
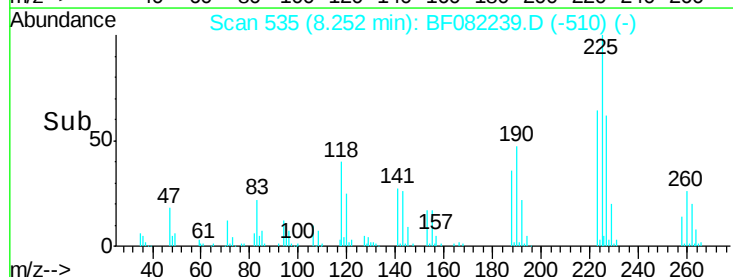


#34
Hexachlorobutadiene
Concen: 38.96 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion:	225	Resp:	90318
Ion	Ratio	Lower	Upper
225	100		
223	63.7	52.2	78.2
227	62.0	51.3	76.9



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: 7.29 ng

RT: 8.57 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

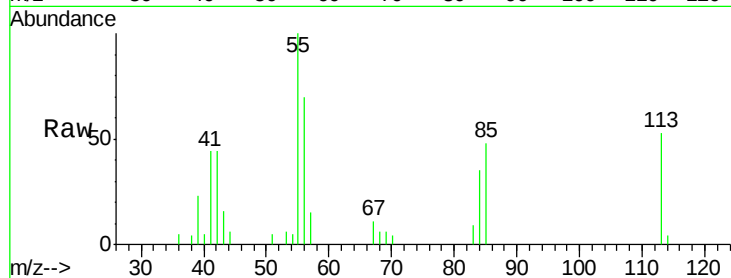
Tot Ion:113 Resp: 6830

Ion Ratio Lower Upper

113 100

55 187.0 149.7 189.7

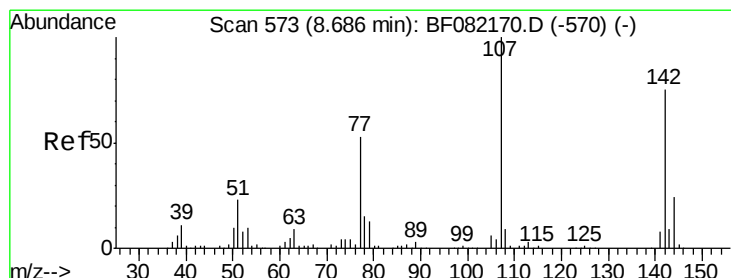
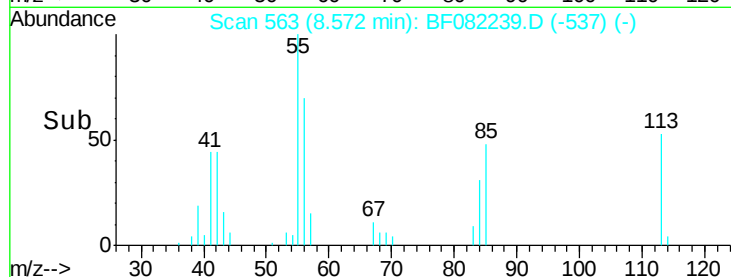
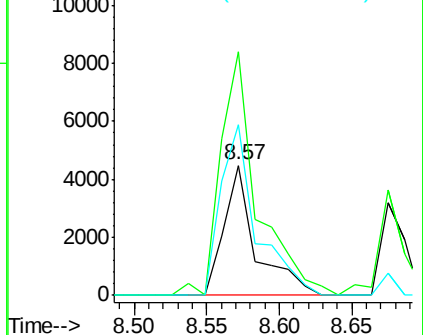
56 130.9 105.4 145.4



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: 46.99 ng

RT: 8.67 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

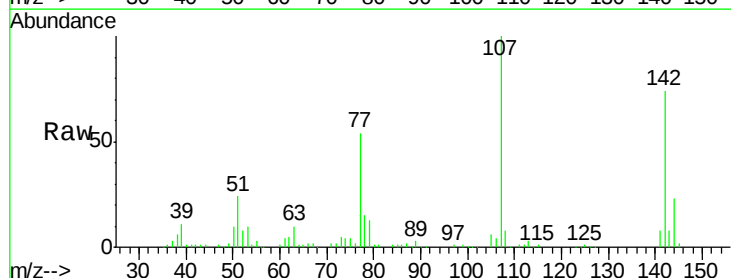
Tgt Ion:107 Resp: 148333

Ion Ratio Lower Upper

107 100

144 22.9 19.3 28.9

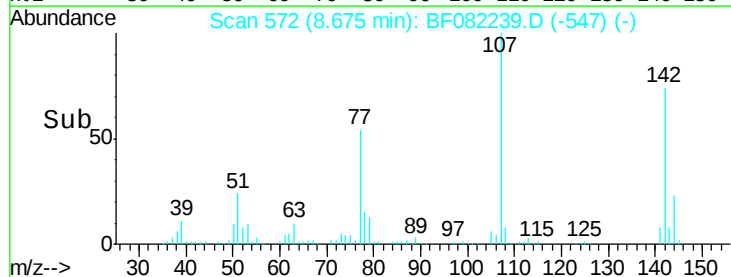
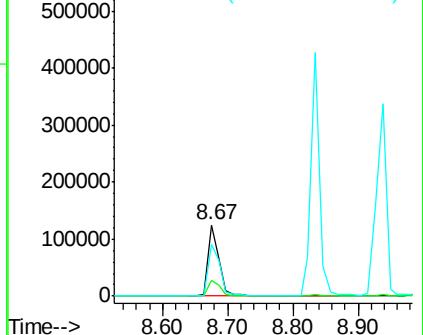
142 73.6 59.9 89.9

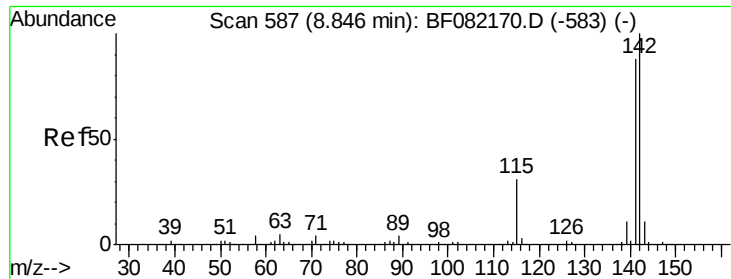


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

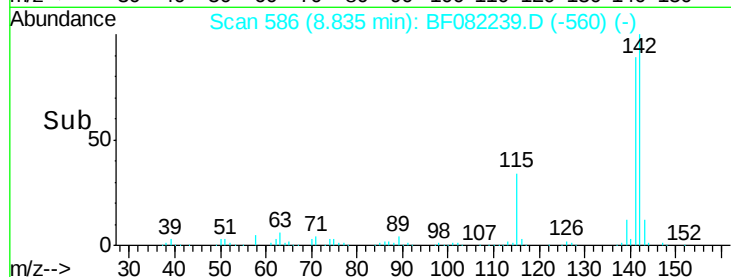
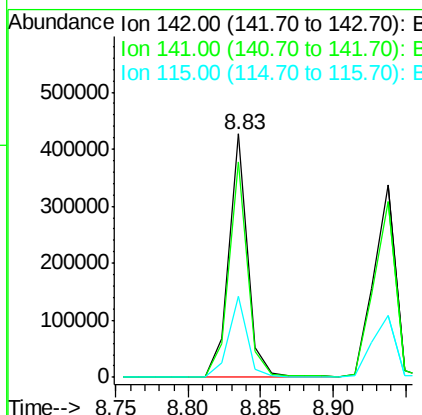
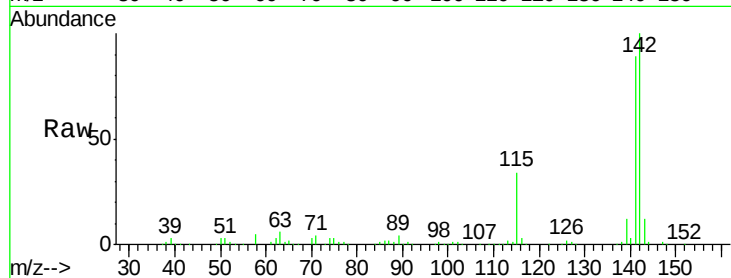




#37
 2-Methylnaphthalene
 Concen: 51.74 ng
 RT: 8.83 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

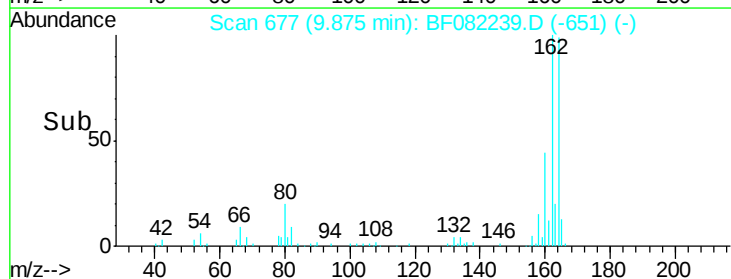
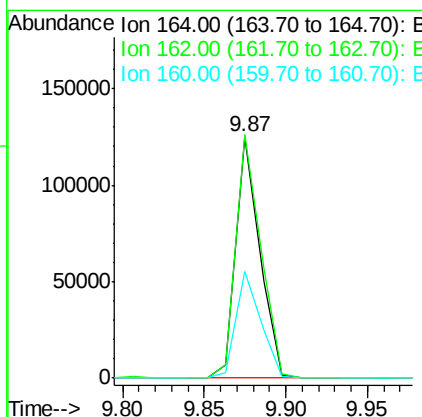
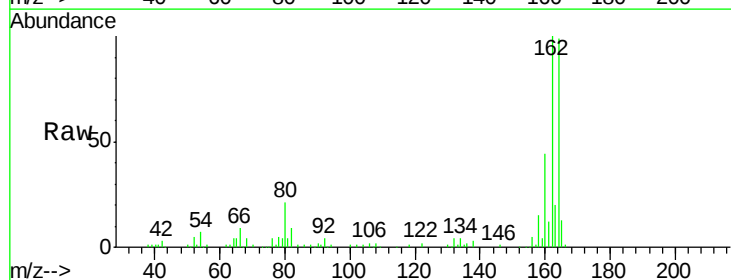
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

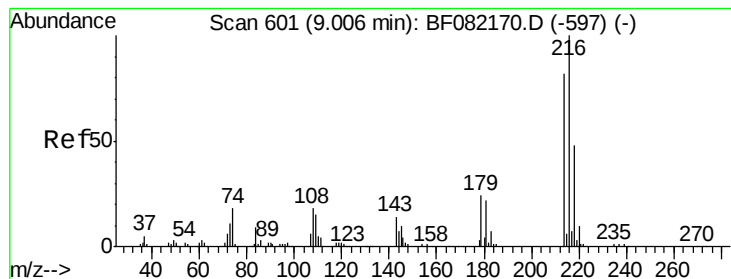
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.4	105.6
115	33.5	24.6	37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.6	122.4
160	44.4	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.80 ng

RT: 9.01 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

Tot Ion:216 Resp: 183166

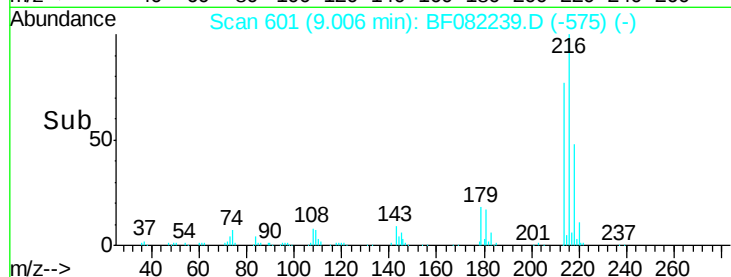
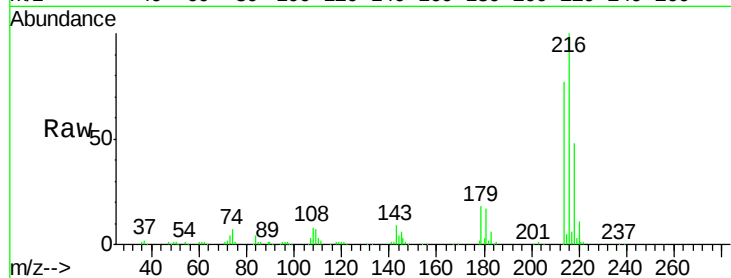
Ion Ratio Lower Upper

216 100

214 78.4 64.6 97.0

179 20.5 17.6 26.4

108 17.4 14.5 21.7

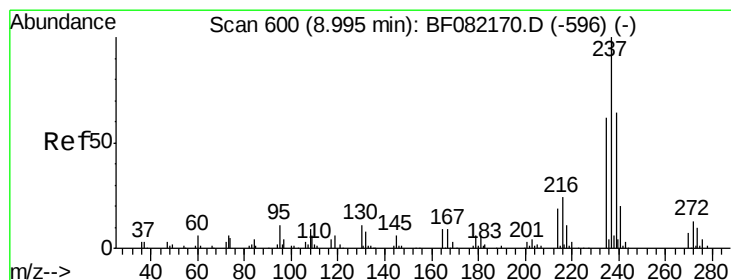
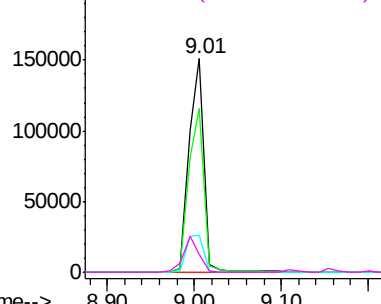


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.92 ng

RT: 8.98 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

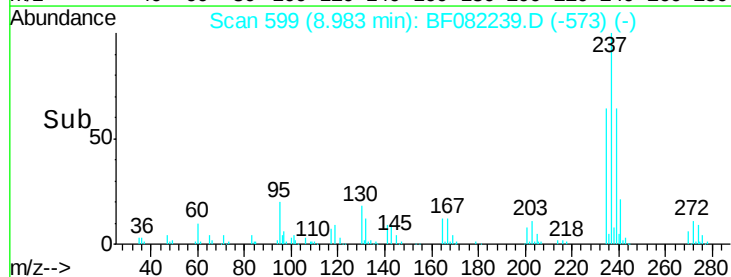
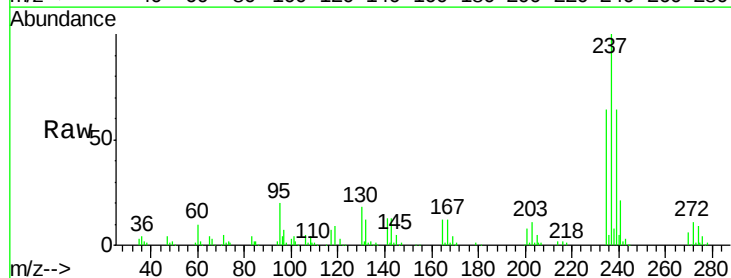
Tgt Ion:237 Resp: 147537

Ion Ratio Lower Upper

237 100

235 64.3 41.7 81.7

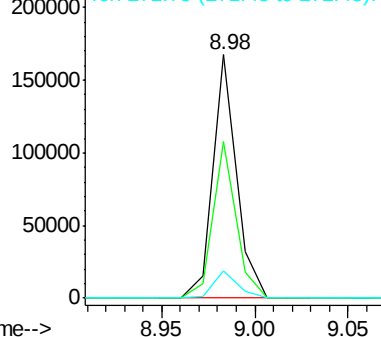
272 11.3 0.0 32.8

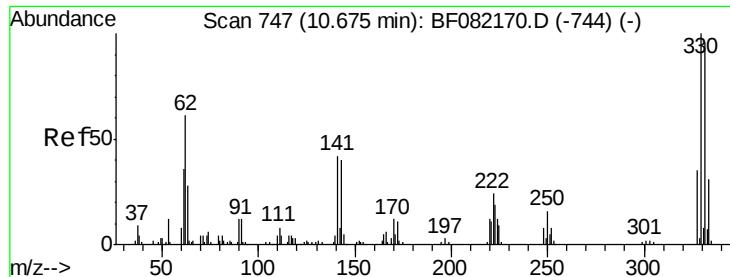


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

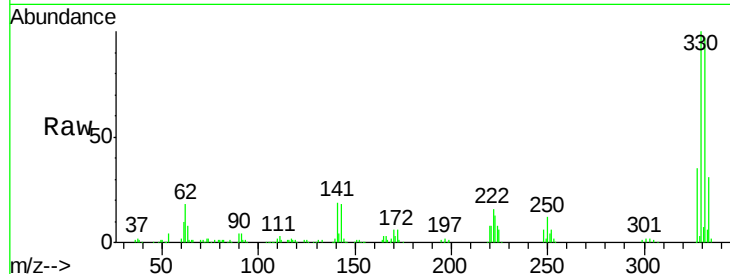




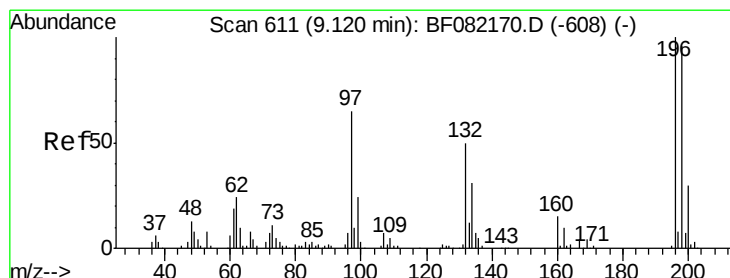
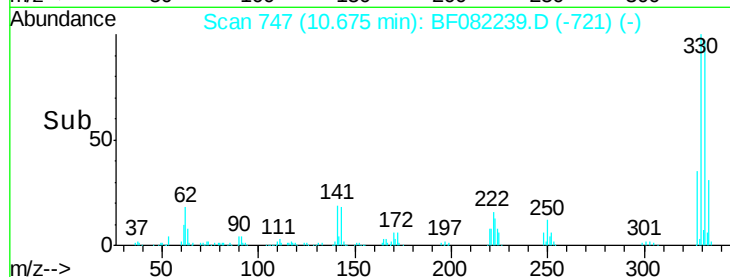
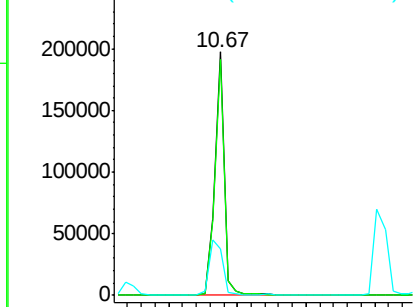
#41
 2,4,6-Tribromophenol
 Concen: 165.35 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

Tot Ion:330 Resp: 195678
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.1 115.7
 141 31.5 29.8 44.8

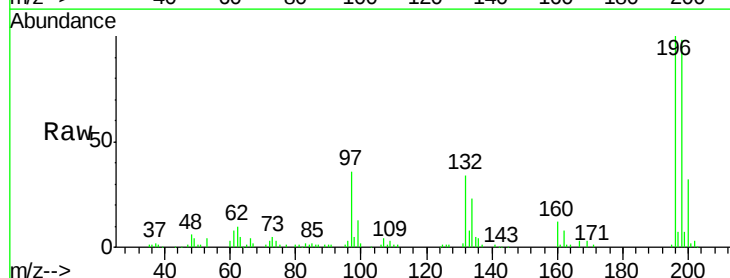


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

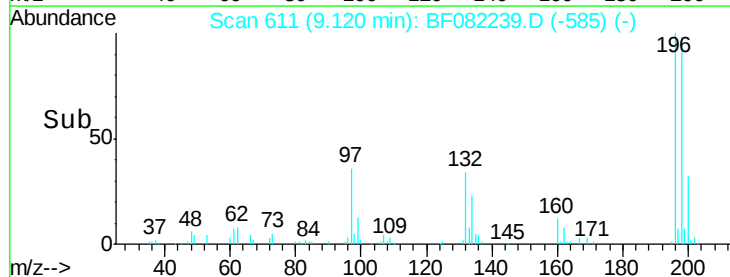
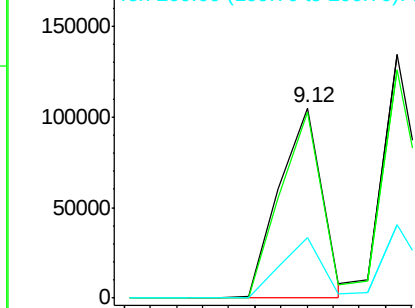


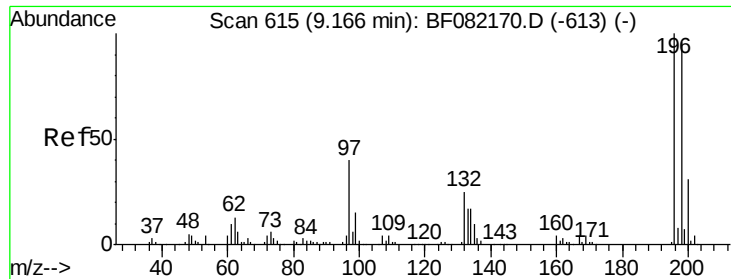
#42
 2,4,6-Trichlorophenol
 Concen: 47.98 ng
 RT: 9.12 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Tgt Ion:196 Resp: 119606
 Ion Ratio Lower Upper
 196 100
 198 97.6 76.6 115.0
 200 31.6 23.7 35.5



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

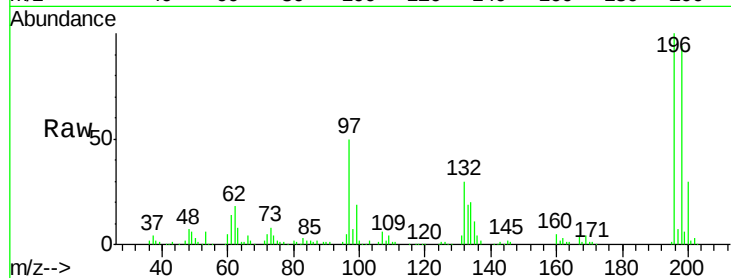




#43
 2,4,5-Trichlorophenol
 Concen: 51.69 ng
 RT: 9.15 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	77.0	115.4
97	50.1	31.9	47.9
132	29.5	20.3	30.5



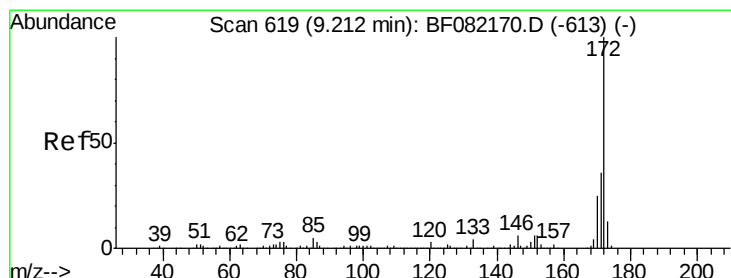
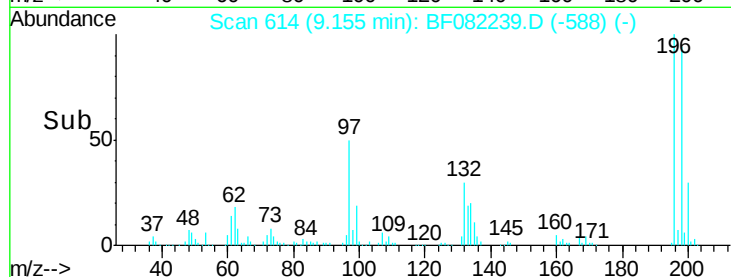
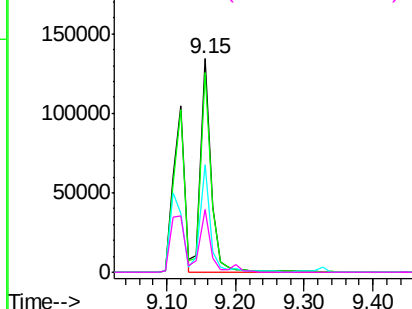
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

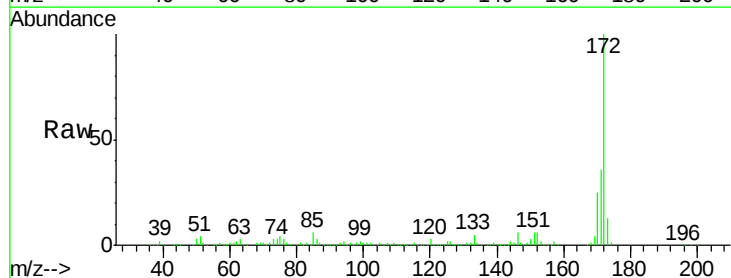
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.61 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	42.8
170	24.5	19.7	29.5

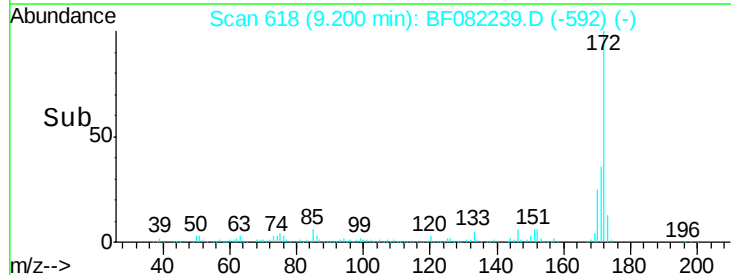
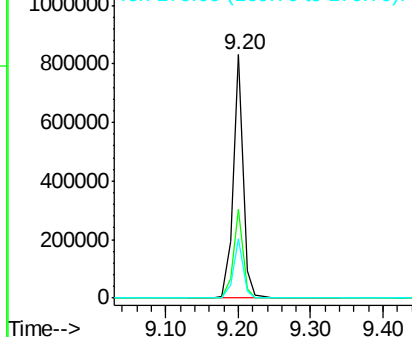


Abundance

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: 52.39 ng

RT: 9.30 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

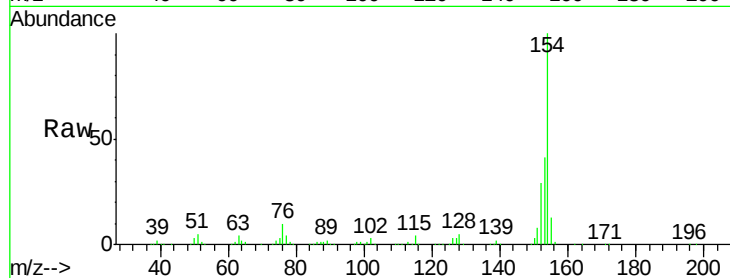
Tot Ion:154 Resp: 504106

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

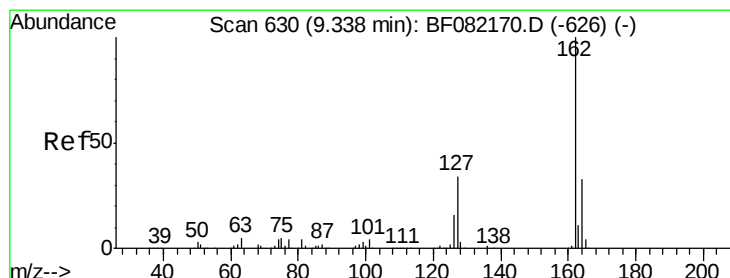
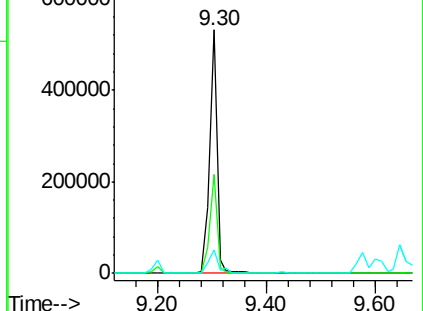
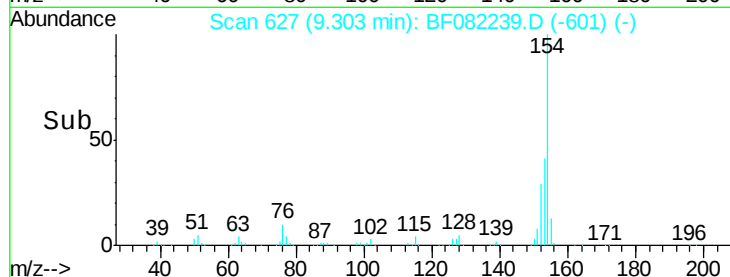
76 9.7 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 51.92 ng

RT: 9.33 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

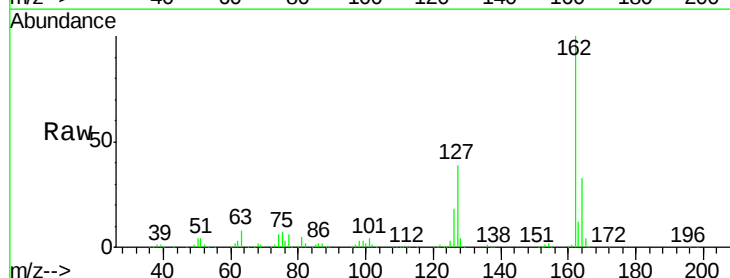
Tgt Ion:162 Resp: 393284

Ion Ratio Lower Upper

162 100

127 38.6 27.5 41.3

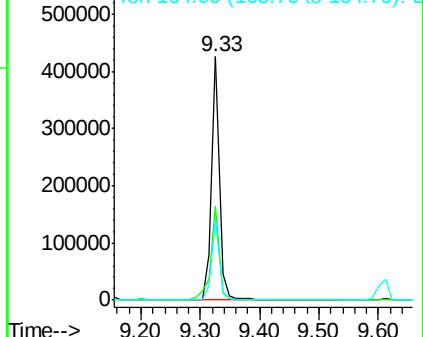
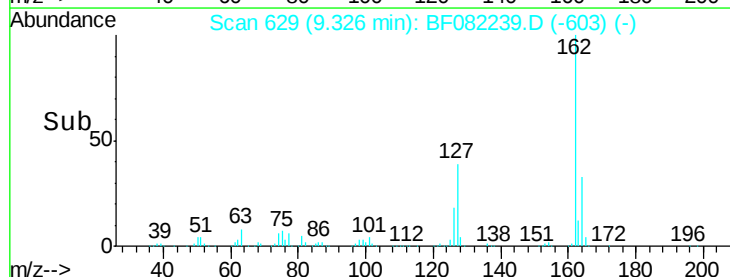
164 33.1 26.6 39.8

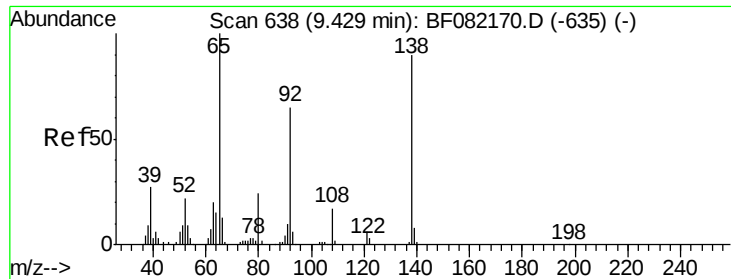


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

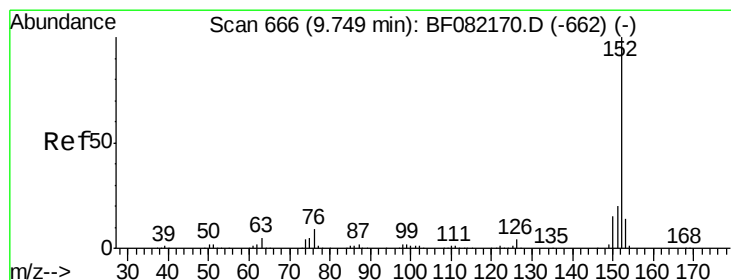
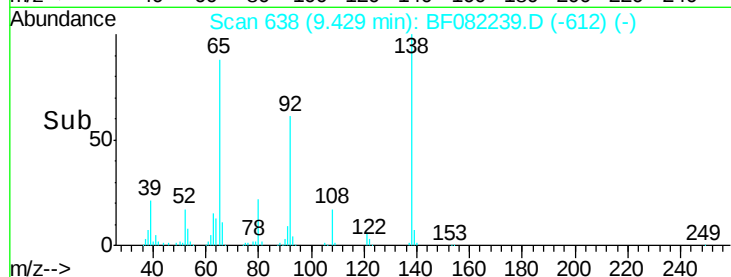
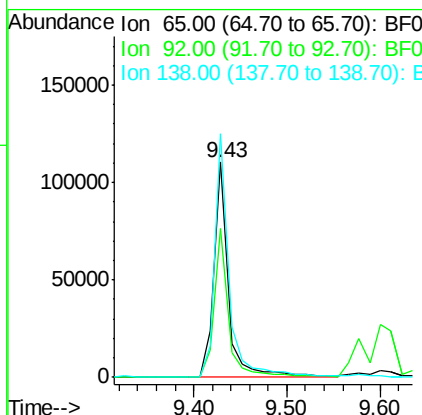
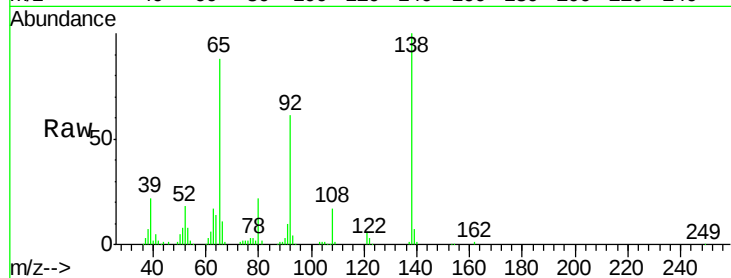




#47
2-Nitroaniline
Concen: 58.16 ng
RT: 9.43 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

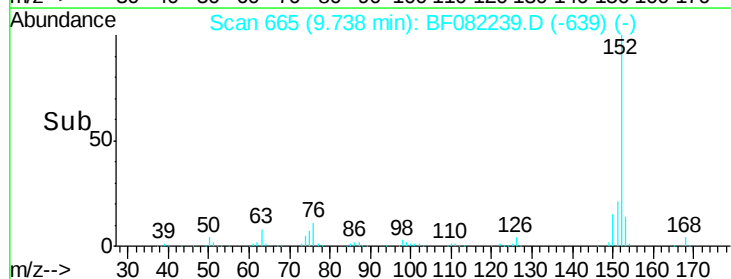
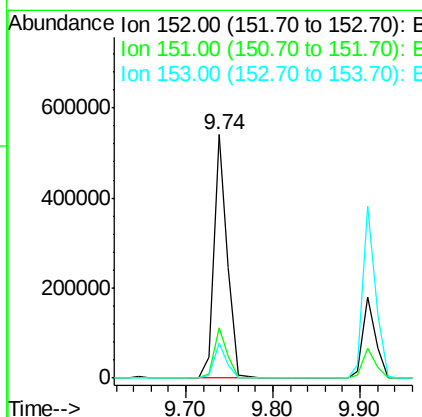
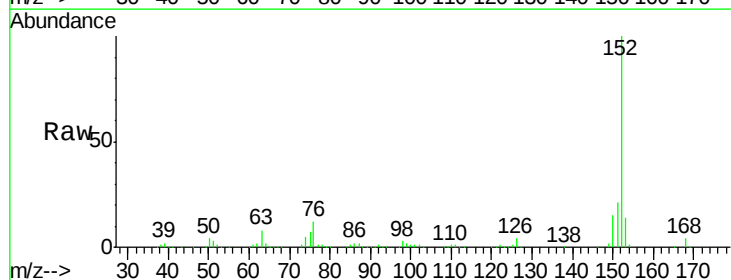
Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

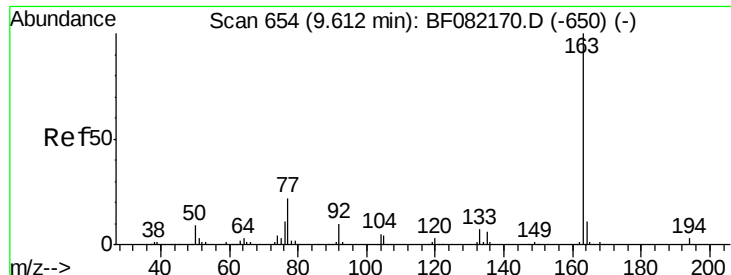
Tot Ion: 65 Resp: 120951
Ion Ratio Lower Upper
65 100
92 69.2 52.3 78.5
138 113.2 72.2 108.4#



#48
Acenaphthylene
Concen: 49.44 ng
RT: 9.74 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion: 152 Resp: 583427
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 14.2 10.8 16.2





#49

Dimethylphthalate

Concen: 52.86 ng

RT: 9.61 min Scan# 654

Delta R.T. 0.01 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

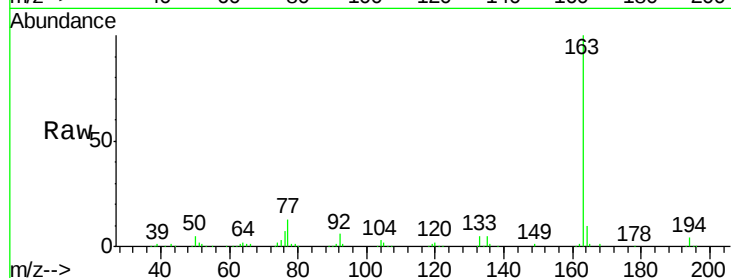
Tot Ion:163 Resp: 469744

Ion Ratio Lower Upper

163 100

194 4.1 2.6 4.0#

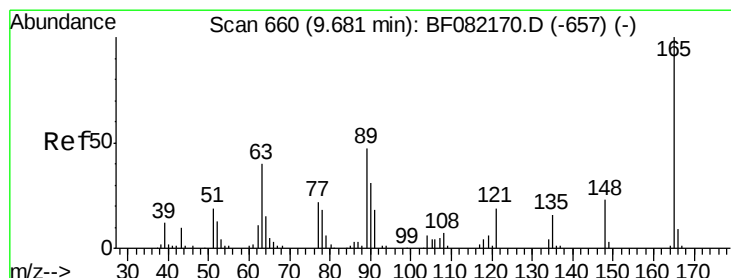
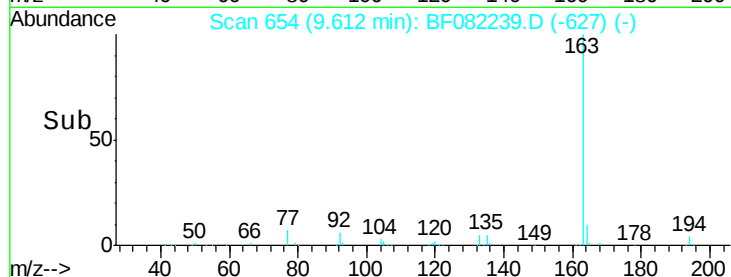
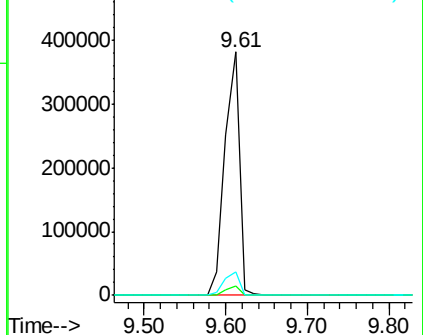
164 9.7 8.5 12.7



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: 51.15 ng

RT: 9.67 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

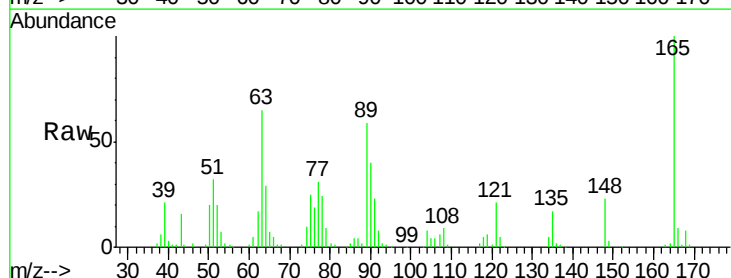
Tgt Ion:165 Resp: 95911

Ion Ratio Lower Upper

165 100

63 64.7 36.7 55.1#

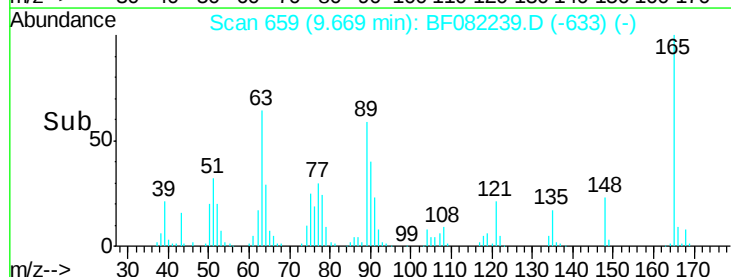
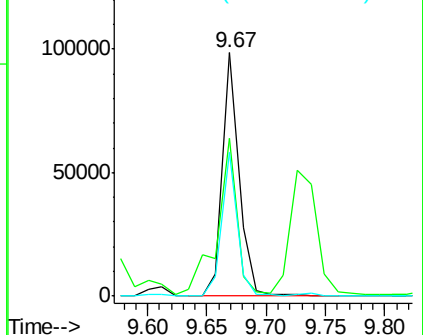
89 59.2 37.8 56.6#

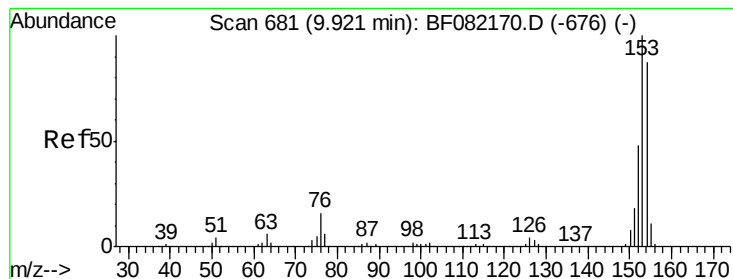


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.59 ng

RT: 9.91 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

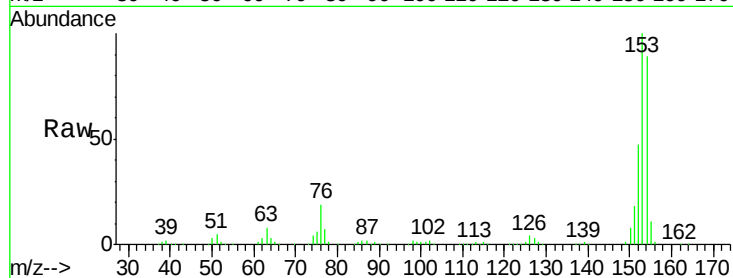
Tot Ion:154 Resp: 351291

Ion Ratio Lower Upper

154 100

153 112.8 91.4 137.2

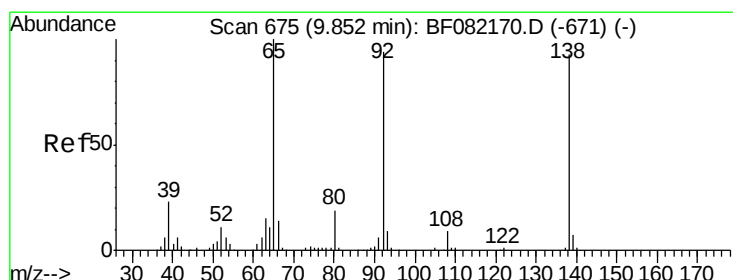
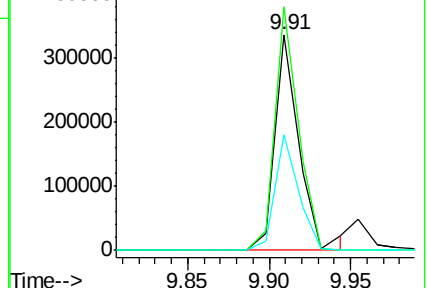
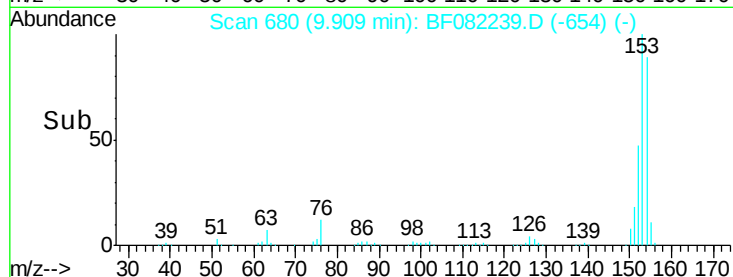
152 53.5 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.60 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

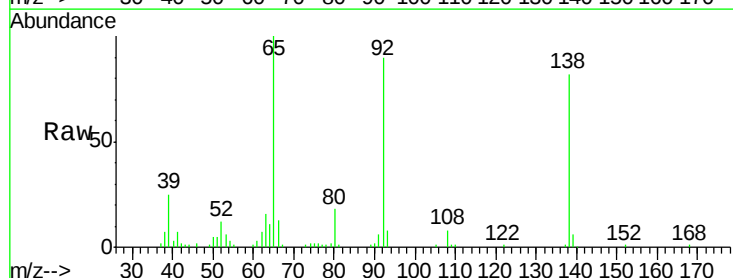
Tgt Ion:138 Resp: 62684

Ion Ratio Lower Upper

138 100

108 9.3 7.4 11.0

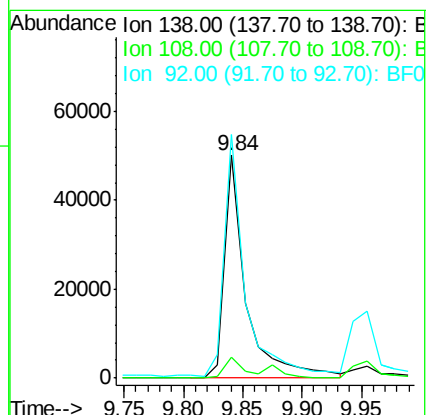
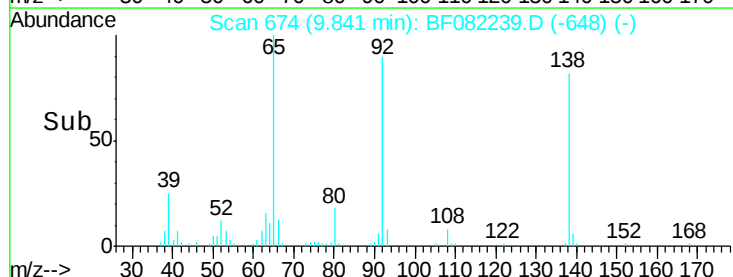
92 109.4 81.3 121.9



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: 100.57 ng

RT: 9.95 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

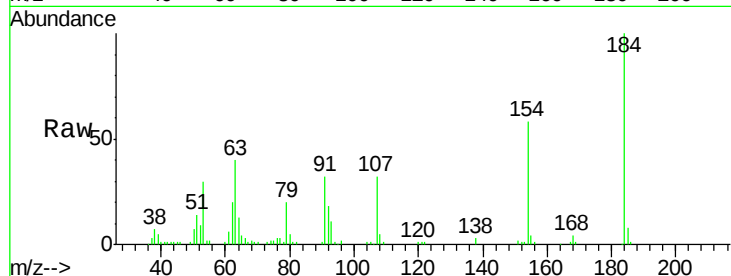
Tot Ion:184 Resp: 107241

Ion Ratio Lower Upper

184 100

63 40.1 45.1 67.7#

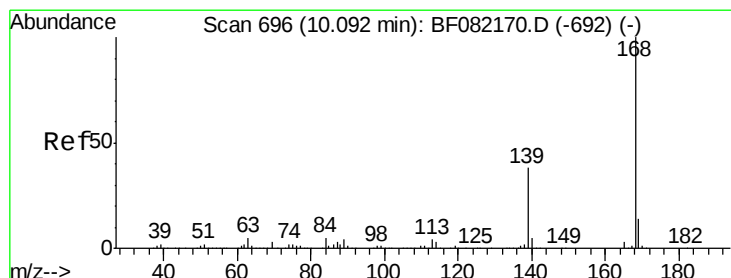
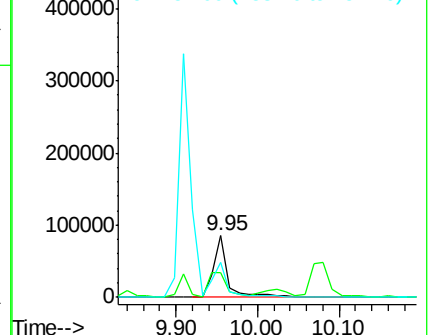
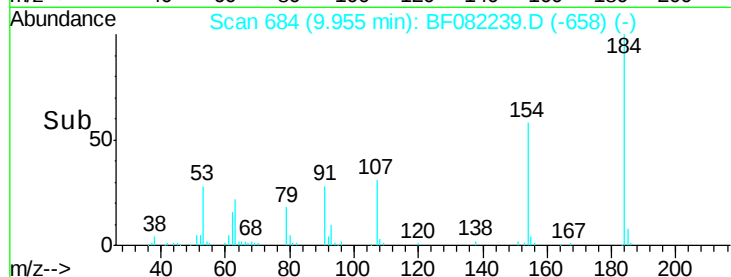
154 58.1 51.2 76.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 54.43 ng

RT: 10.08 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

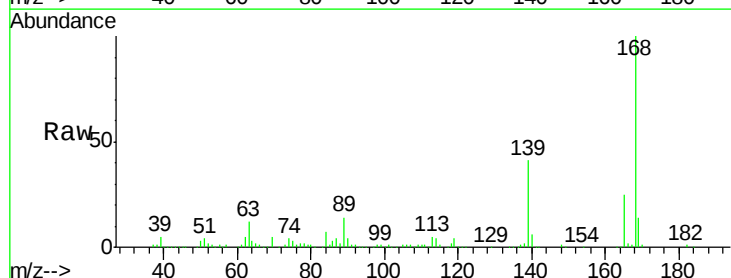
Tgt Ion:168 Resp: 529360

Ion Ratio Lower Upper

168 100

139 41.4 31.0 46.6

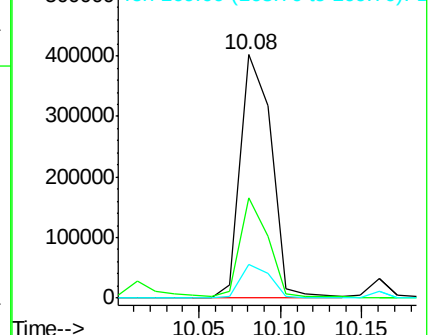
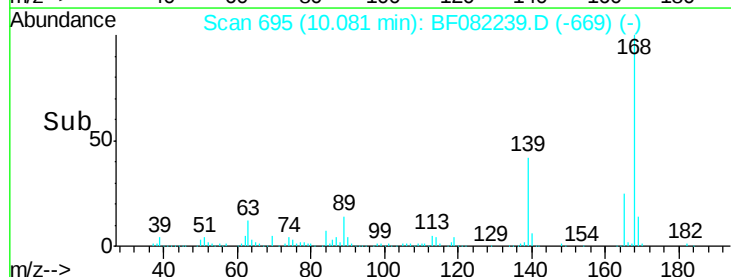
169 13.6 10.9 16.3

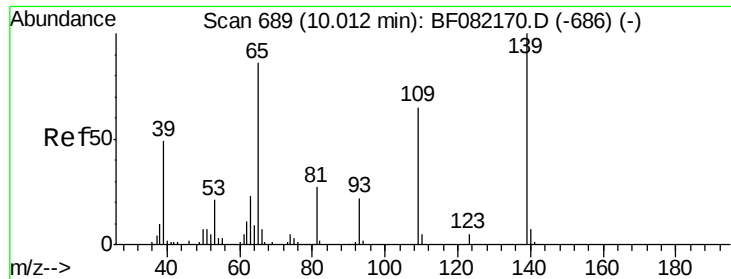


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

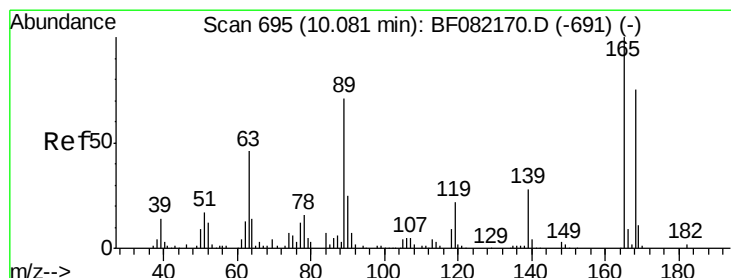
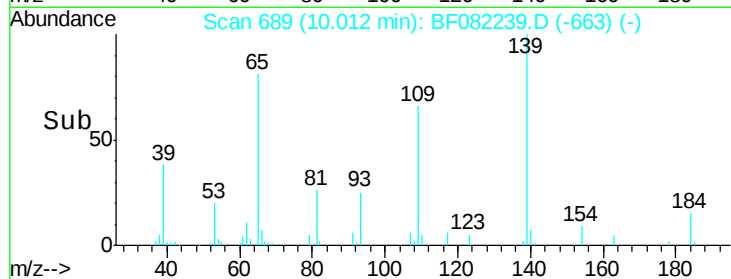
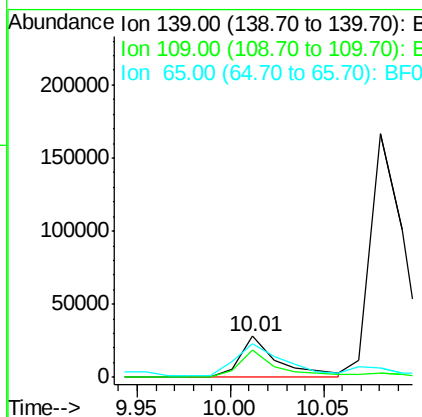
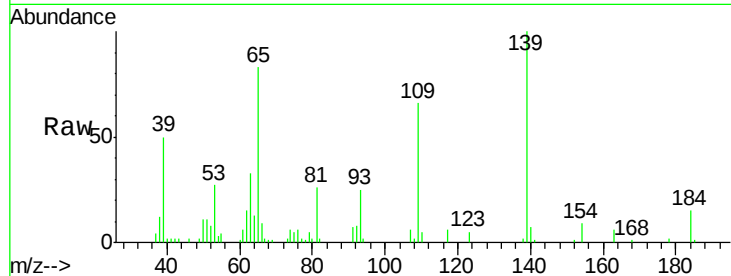




#55
4-Nitrophenol
Concen: 35.15 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

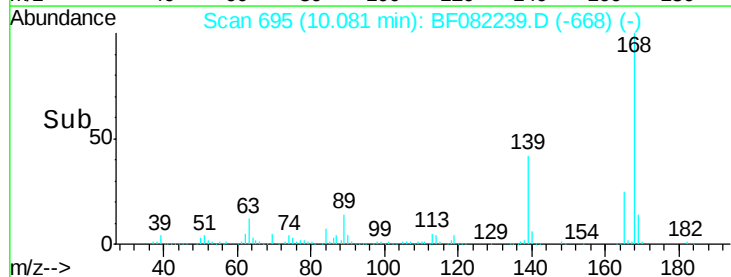
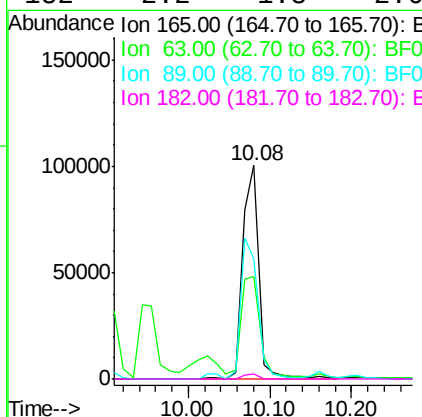
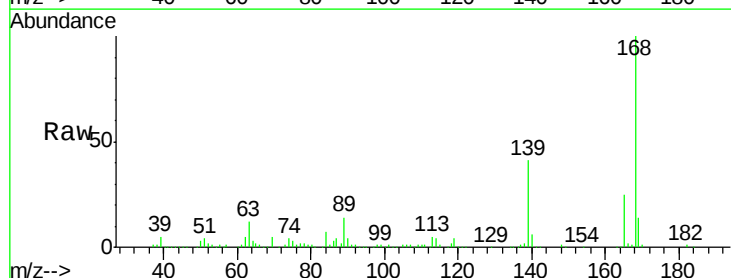
Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

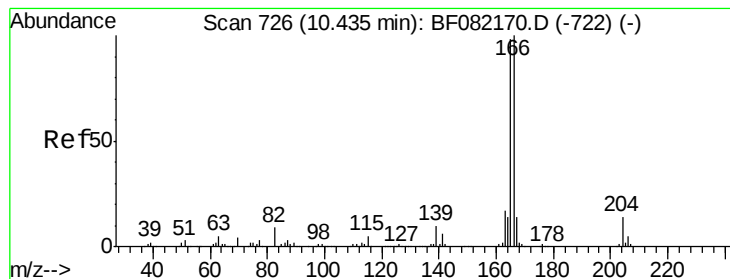
Tot Ion:139 Resp: 40187
Ion Ratio Lower Upper
139 100
109 65.8 44.8 84.8
65 82.9 67.7 107.7



#56
2,4-Dinitrotoluene
Concen: 58.95 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion:165 Resp: 138154
Ion Ratio Lower Upper
165 100
63 47.9 38.6 58.0
89 56.1 57.0 85.6#
182 2.2 1.8 2.6





#57

Fluorene

Concen: 51.41 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

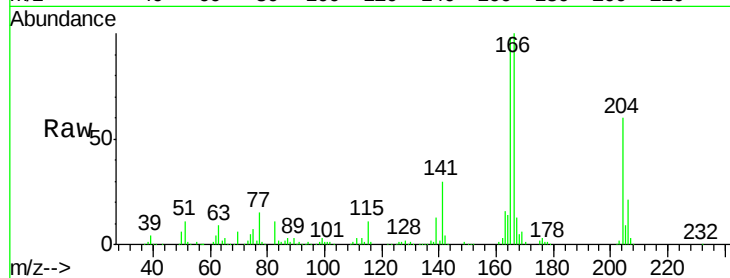
Tot Ion:166 Resp: 410703

Ion Ratio Lower Upper

166 100

165 98.0 78.3 117.5

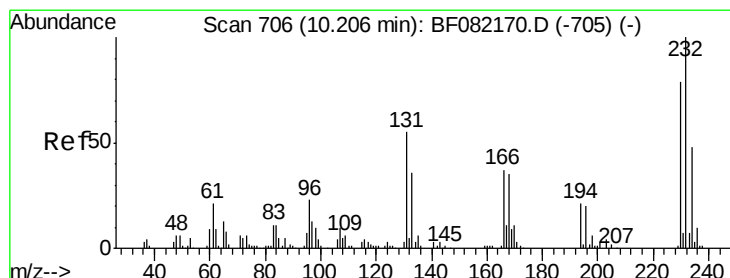
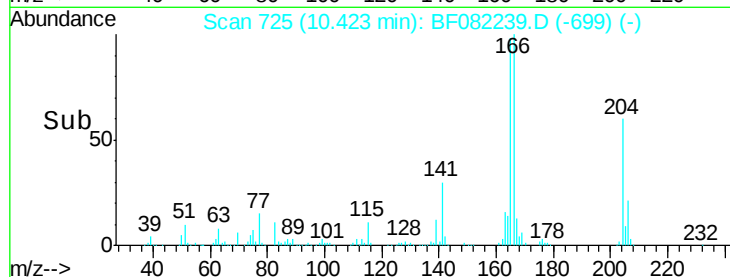
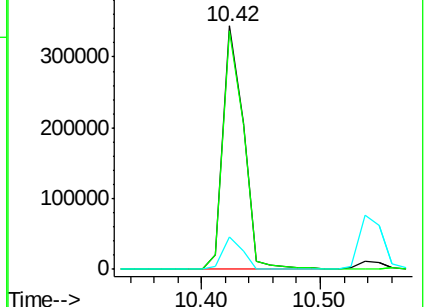
167 13.4 10.8 16.2



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: 56.24 ng

RT: 10.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Tgt Ion:232 Resp: 124095

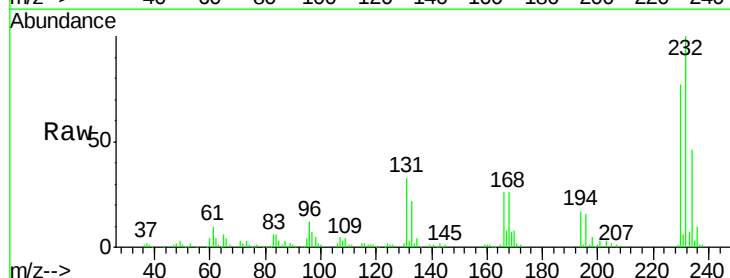
Ion Ratio Lower Upper

232 100

131 39.1 36.6 54.8

130 1.7 1.5 2.3

166 27.2 24.6 37.0

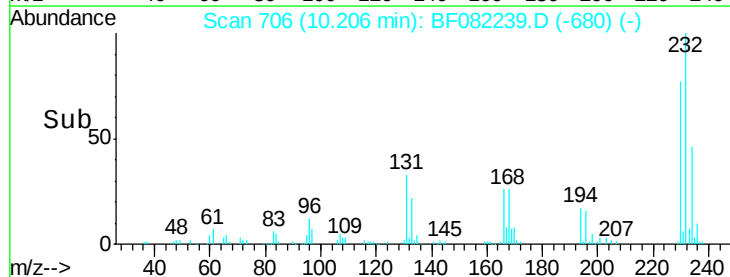
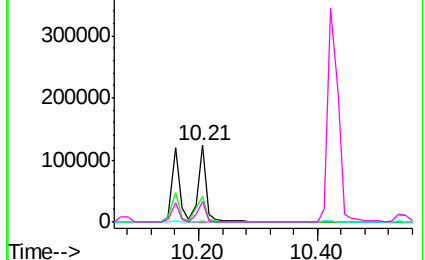


Abundance Ion 232.00 (231.70 to 232.70): E

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: 57.21 ng

RT: 10.31 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

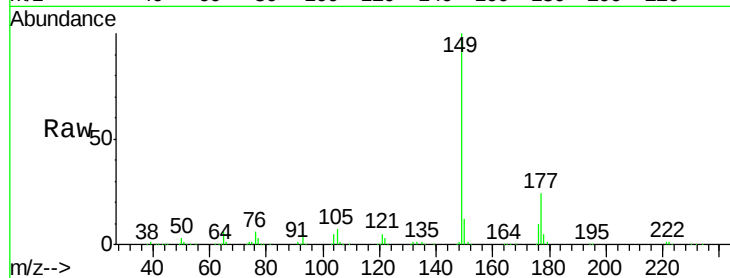
Tot Ion:149 Resp: 473838

Ion Ratio Lower Upper

149 100

177 24.5 17.6 26.4

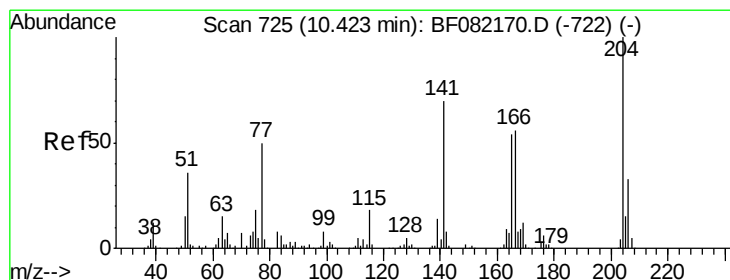
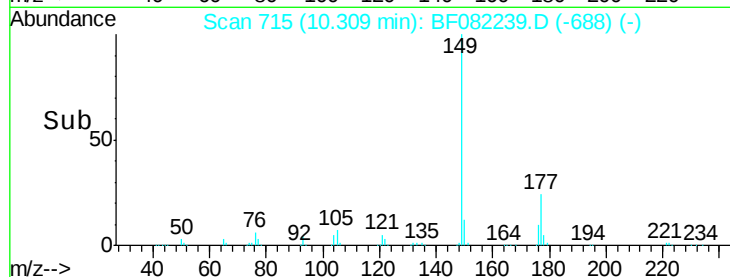
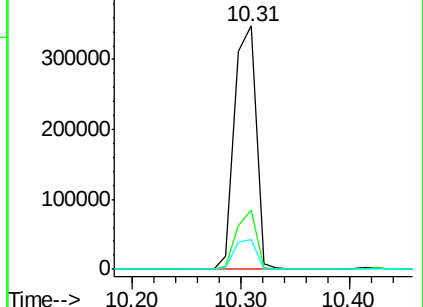
150 12.3 10.3 15.5



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: 56.64 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

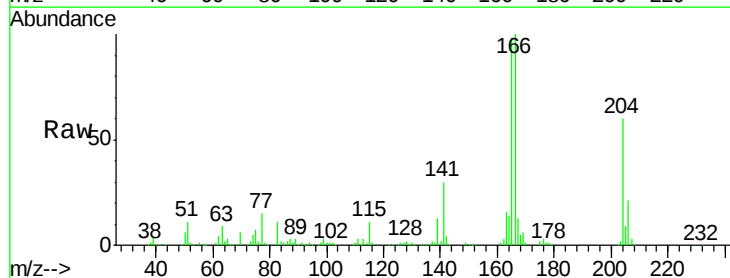
Tgt Ion:204 Resp: 207260

Ion Ratio Lower Upper

204 100

206 34.5 26.8 40.2

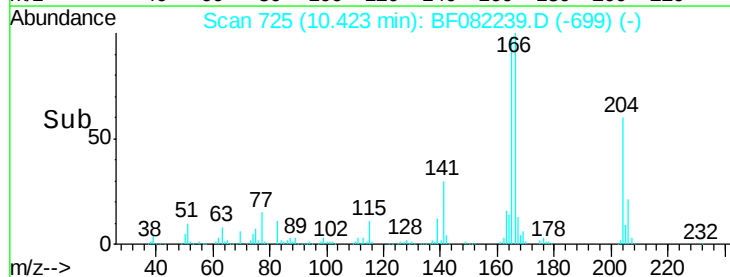
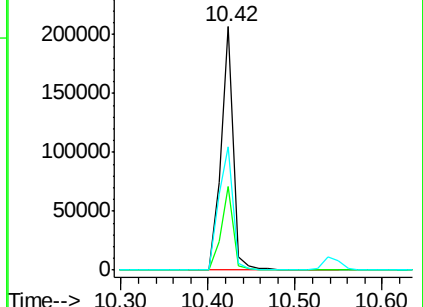
141 50.5 56.1 84.1#

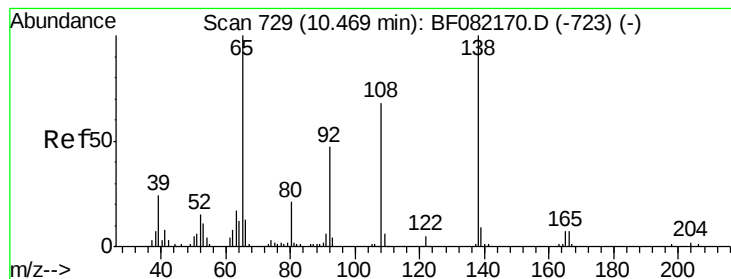


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 50.26 ng

RT: 10.46 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

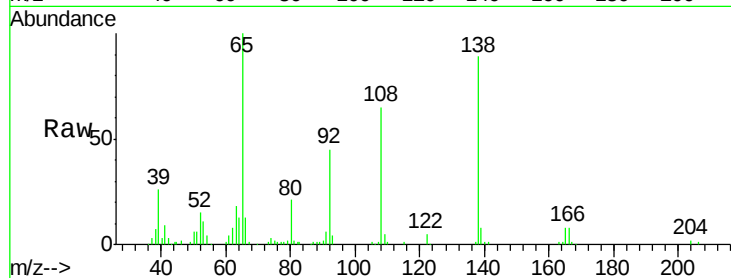
Tot Ion:138 Resp: 103242

Ion Ratio Lower Upper

138 100

92 49.9 26.8 66.8

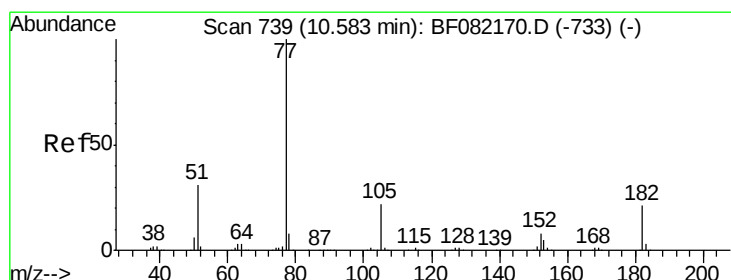
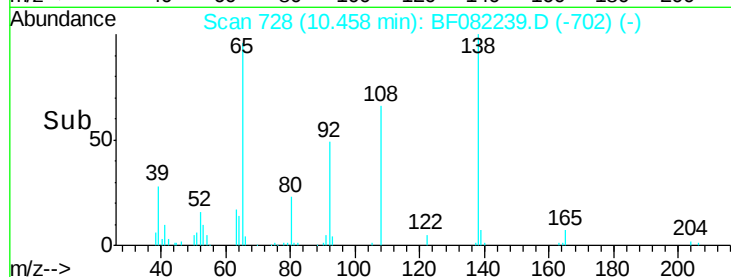
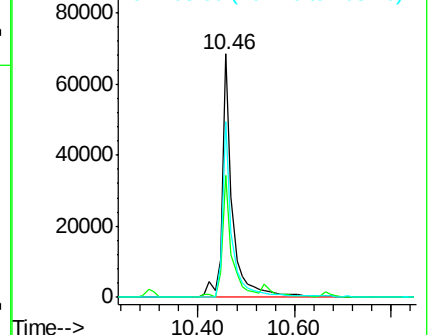
108 72.3 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 55.29 ng

RT: 10.58 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Tgt Ion: 77 Resp: 448189

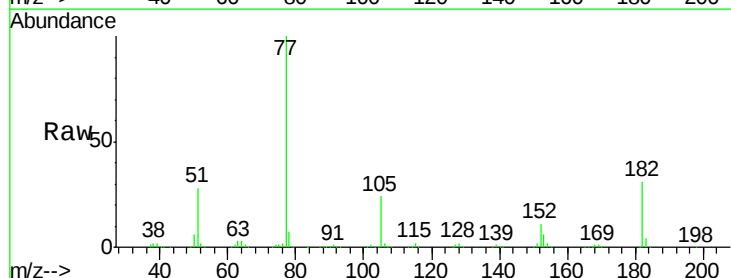
Ion Ratio Lower Upper

77 100

182 31.3 0.5 40.5

105 24.2 1.8 41.8

51 27.8 11.2 51.2

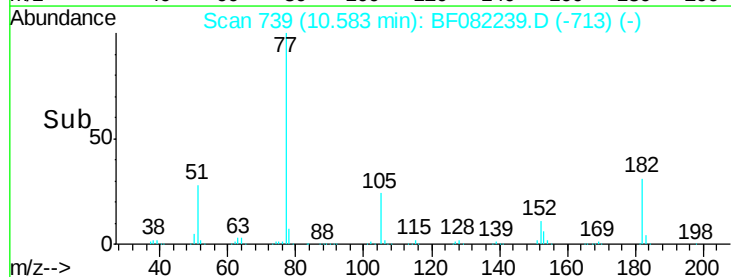
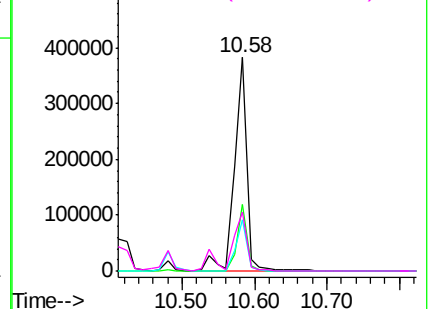


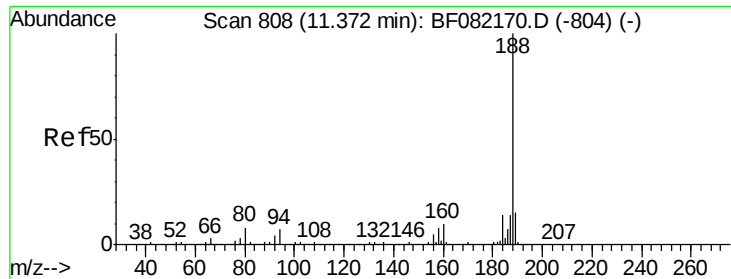
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

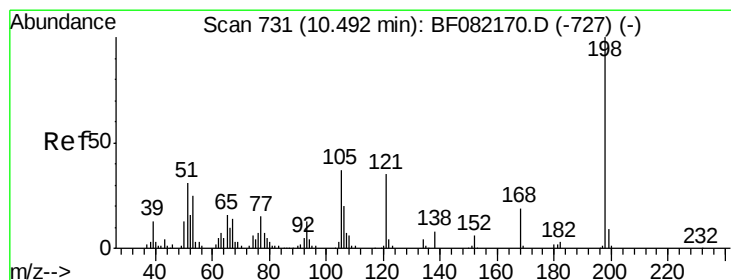
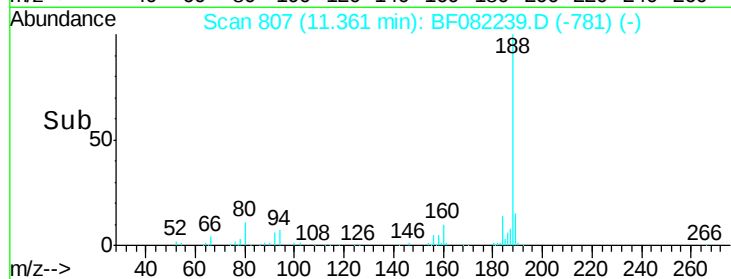
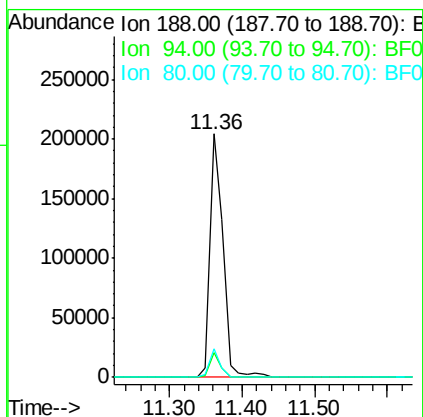
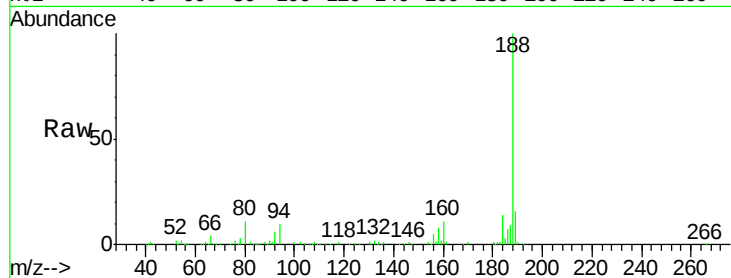




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

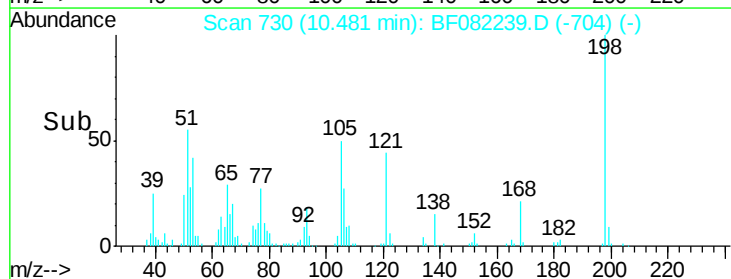
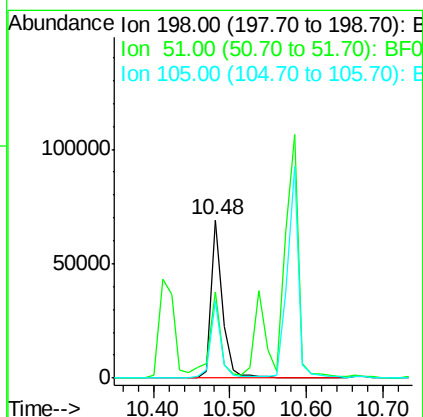
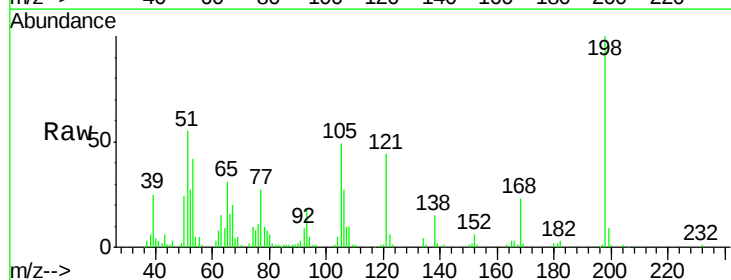
Instrument :
BNA_F
ClientSampleId :
TE-PMW(40)MSD

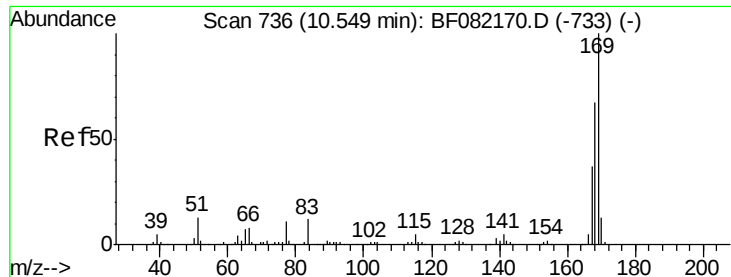
Tot Ion:188 Resp: 253704
Ion Ratio Lower Upper
188 100
94 10.2 5.8 8.6#
80 11.5 6.4 9.6#



#64
4,6-Dinitro-2-methylphenol
Concen: 50.54 ng
RT: 10.48 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF082239.D
Acq: 13 Oct 2015 2:58

Tgt Ion:198 Resp: 71963
Ion Ratio Lower Upper
198 100
51 54.8 13.6 53.6#
105 49.3 17.1 57.1





#65

n-Nitrosodiphenylamine

Concen: 37.75 ng

RT: 10.54 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

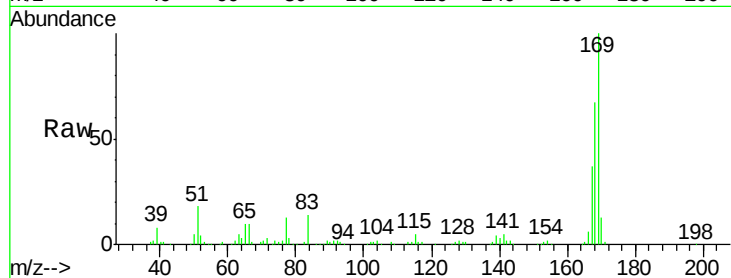
Tot Ion:169 Resp: 286742

Ion Ratio Lower Upper

169 100

168 67.4 54.0 81.0

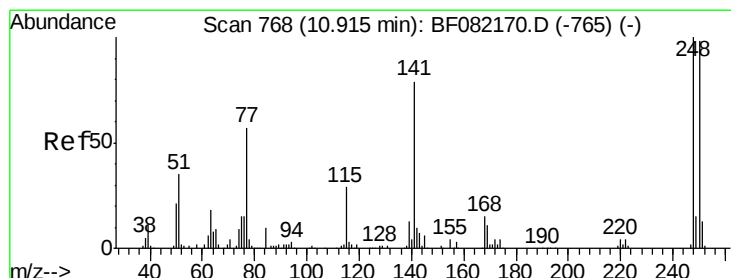
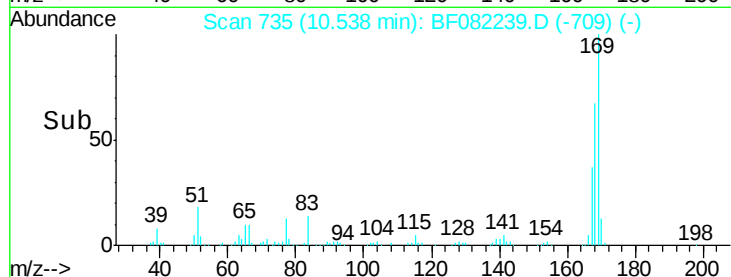
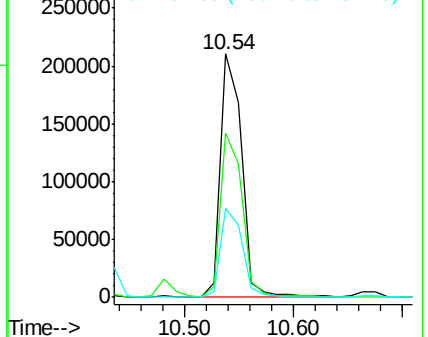
167 36.7 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.64 ng

RT: 10.91 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

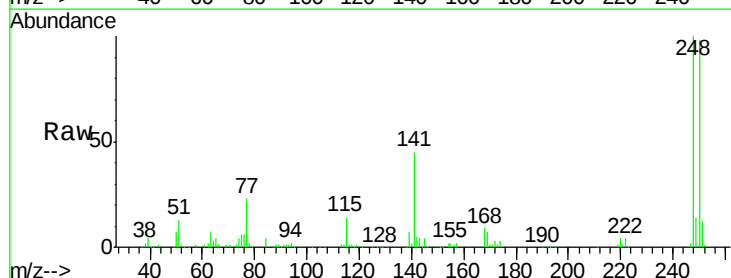
Tgt Ion:248 Resp: 131109

Ion Ratio Lower Upper

248 100

250 98.4 78.6 117.8

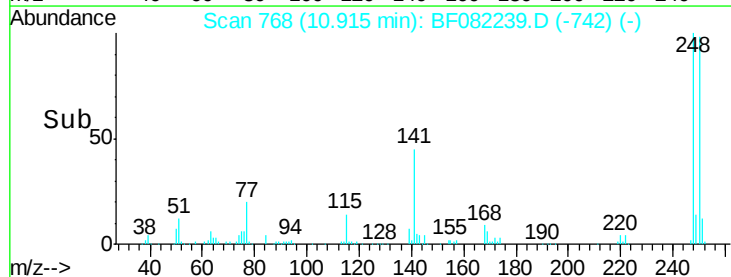
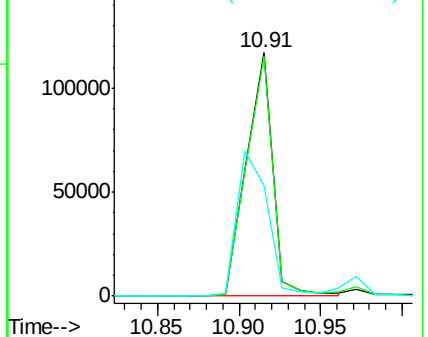
141 45.5 63.3 94.9#

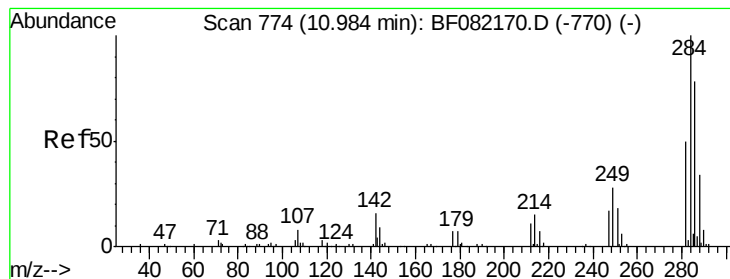


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 50.97 ng

RT: 10.97 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

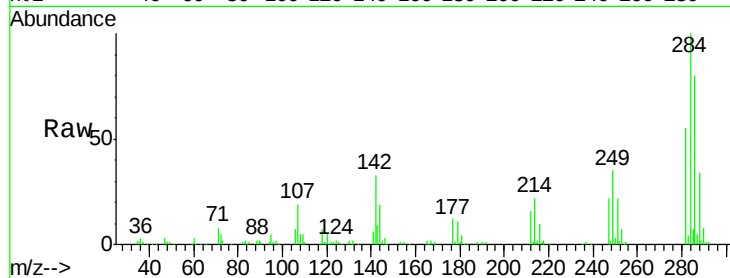
Tot Ion:284 Resp: 139967

Ion Ratio Lower Upper

284 100

142 32.7 13.0 19.6#

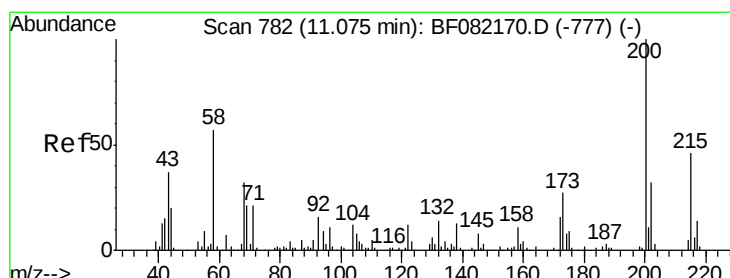
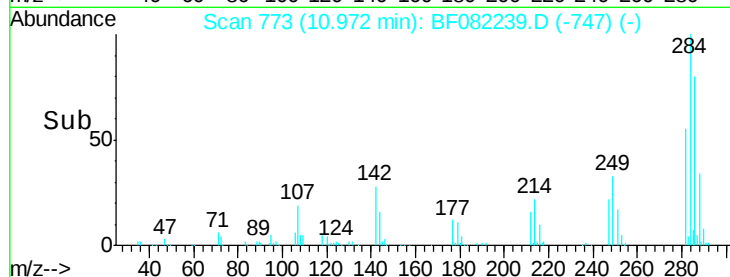
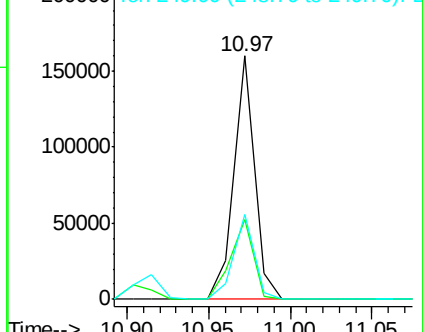
249 35.0 22.5 33.7#



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: 59.15 ng

RT: 11.07 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

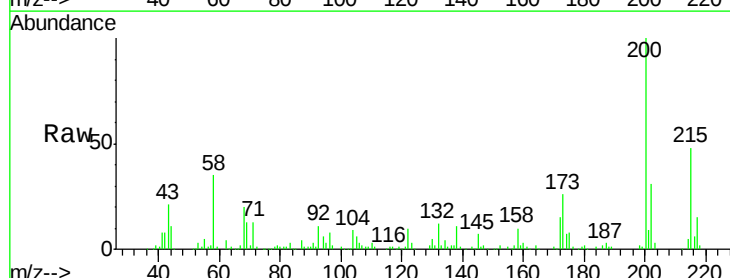
Tgt Ion:200 Resp: 142352

Ion Ratio Lower Upper

200 100

173 25.9 7.3 47.3

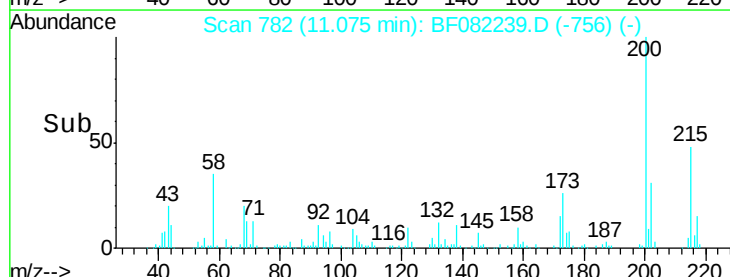
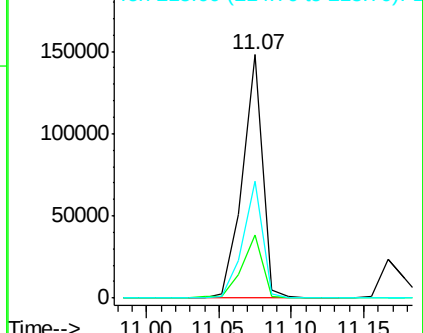
215 48.2 26.2 66.2

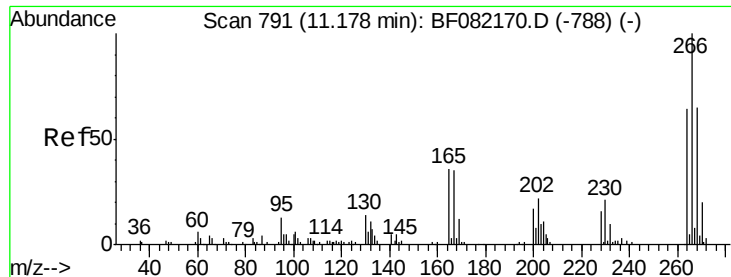


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

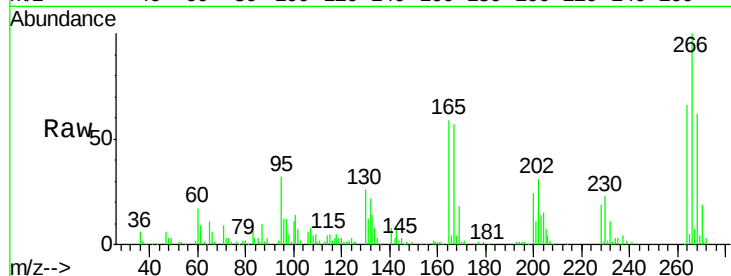




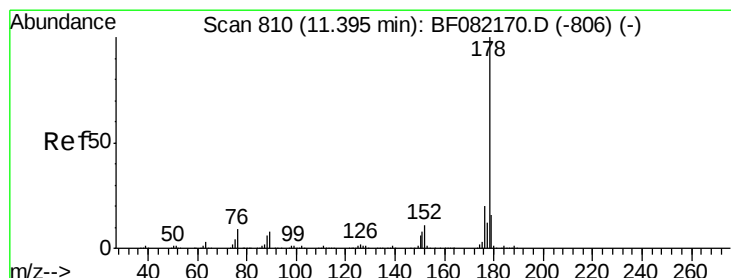
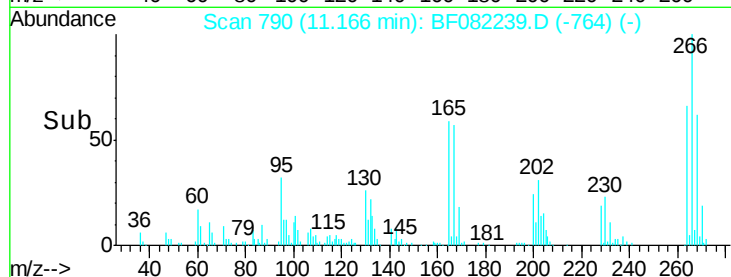
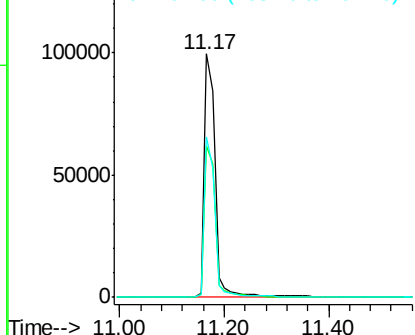
#69
 Pentachlorophenol
 Concen: 103.15 ng
 RT: 11.17 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

Tot Ion:266 Resp: 145756
 Ion Ratio Lower Upper
 266 100
 268 62.0 52.0 78.0
 264 66.1 51.4 77.0

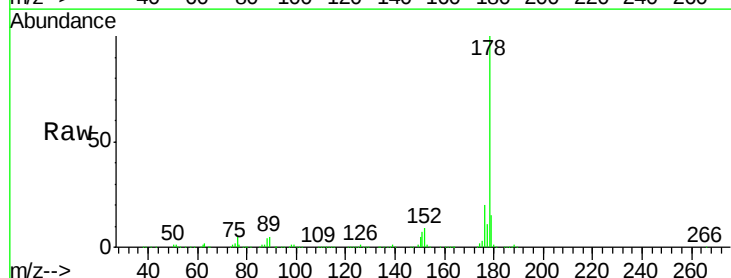


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

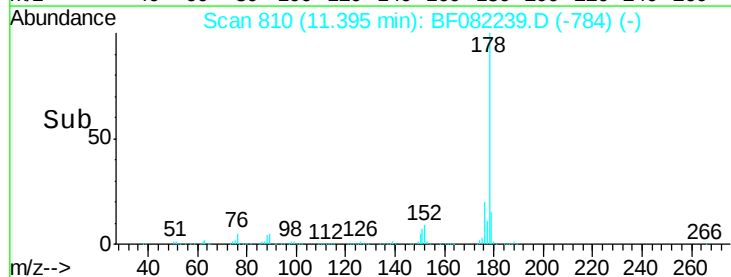
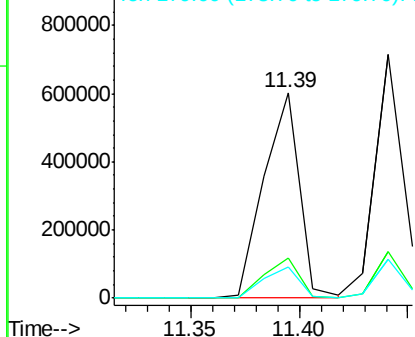


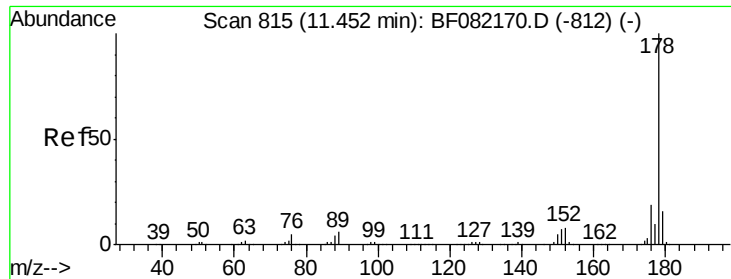
#70
 Phenanthrene
 Concen: 55.58 ng
 RT: 11.39 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Tgt Ion:178 Resp: 691214
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.0 24.0
 179 15.1 12.6 19.0



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

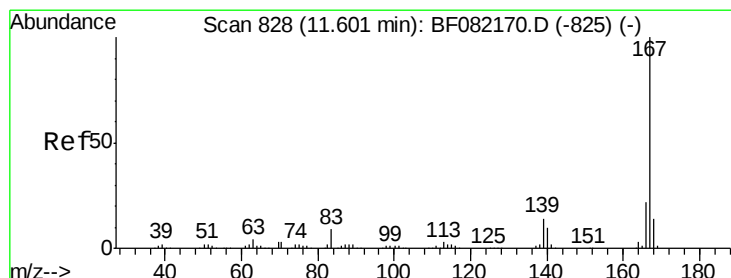
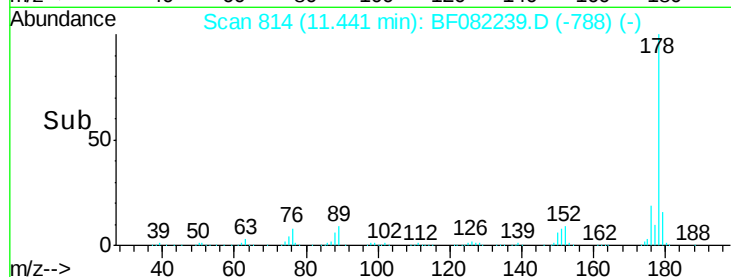
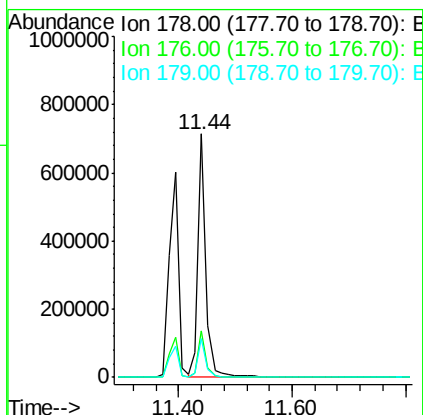
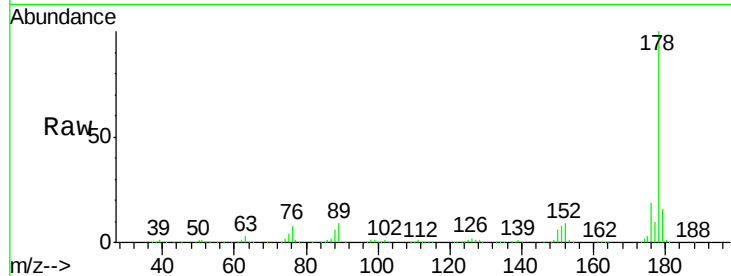




#71
 Anthracene
 Concen: 53.96 ng
 RT: 11.44 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

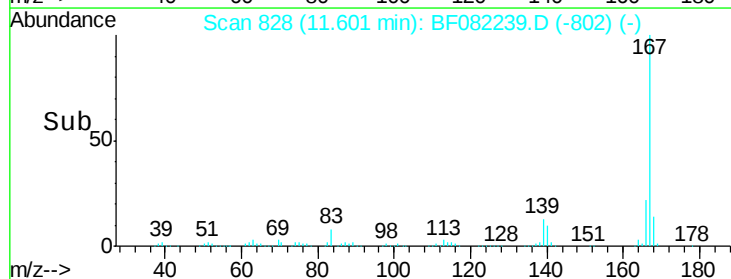
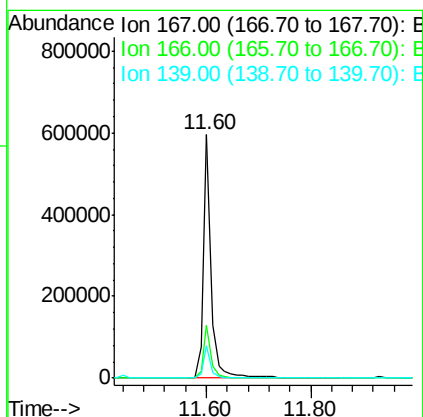
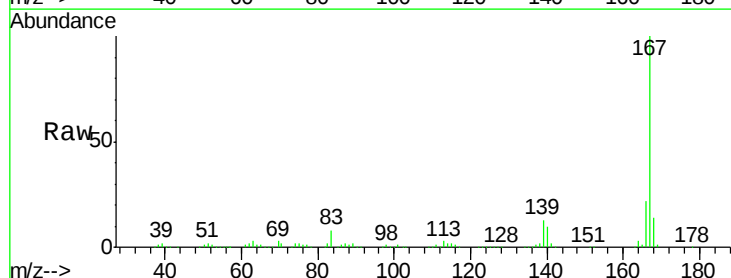
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

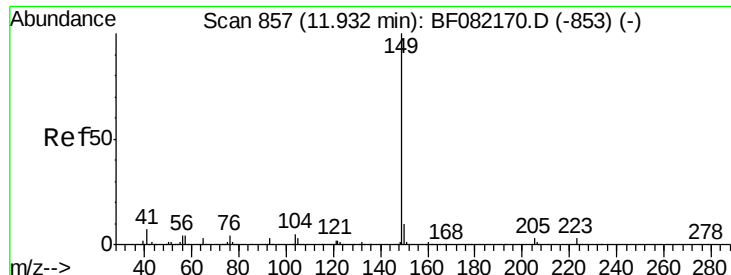
Tot Ion:178 Resp: 691422
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 16.0 12.5 18.7



#72
 Carbazole
 Concen: 53.42 ng
 RT: 11.60 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Tgt Ion:167 Resp: 624503
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 13.4 11.2 16.8





#73

Di-n-butylphthalate

Concen: 52.69 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

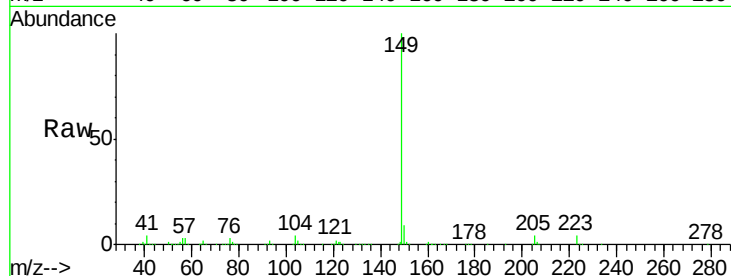
Tot Ion:149 Resp: 759846

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

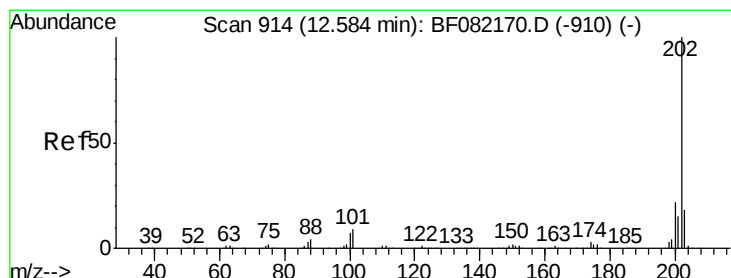
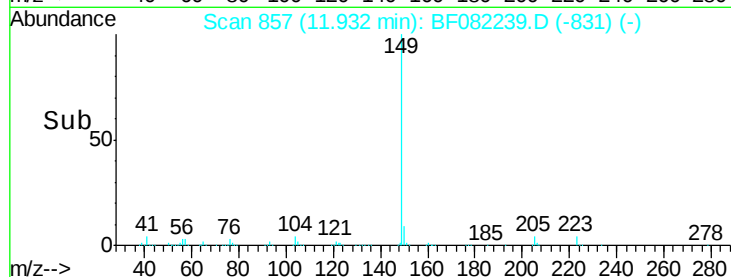
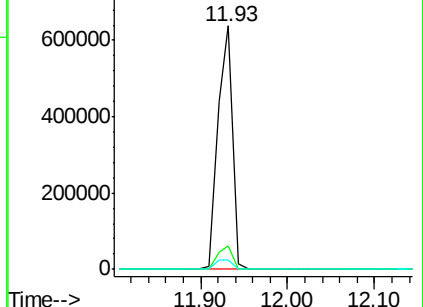
104 3.7 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 56.34 ng

RT: 12.58 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

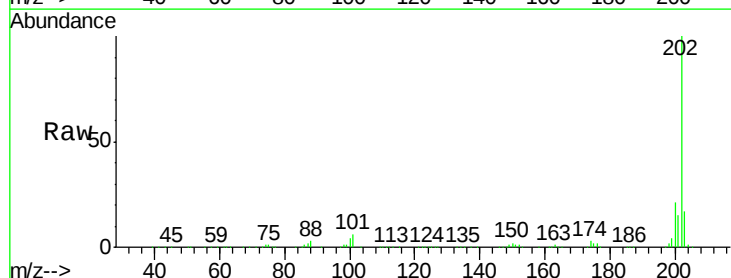
Tgt Ion:202 Resp: 752517

Ion Ratio Lower Upper

202 100

101 5.9 0.0 29.3

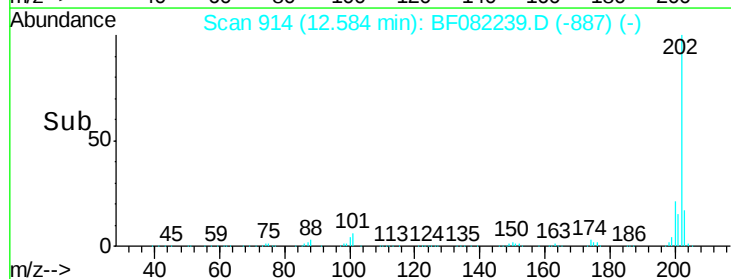
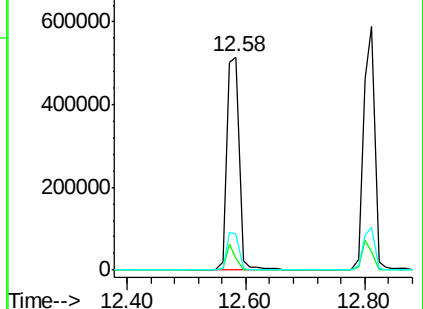
203 17.3 0.0 37.8

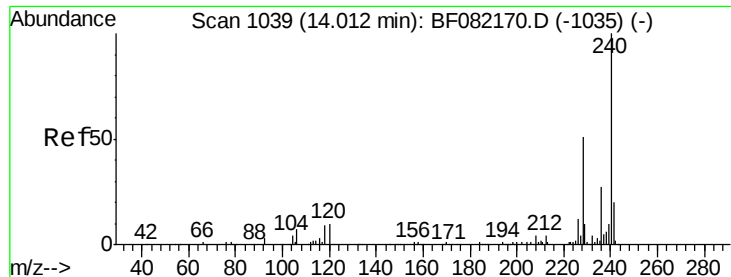


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

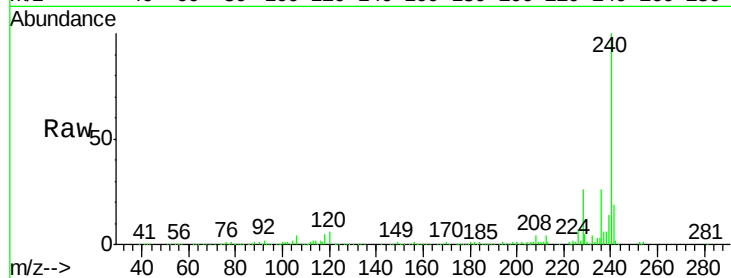
Tot Ion:240 Resp: 237716

Ion Ratio Lower Upper

240 100

120 6.1 8.1 12.1#

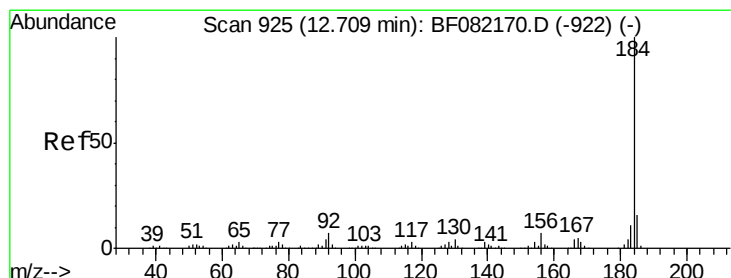
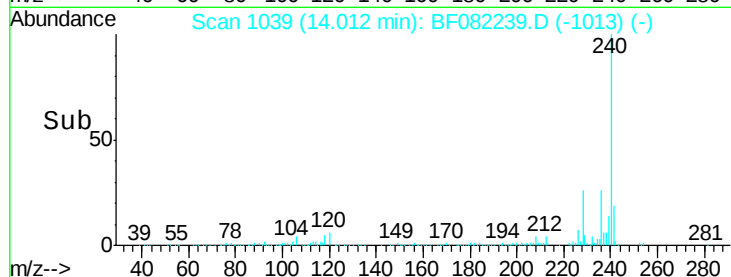
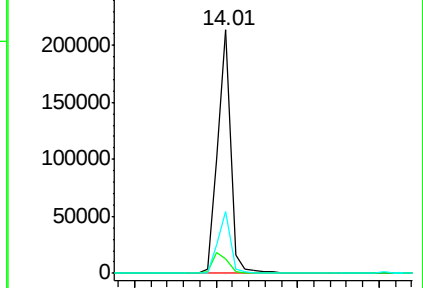
236 25.6 21.3 31.9



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: 25.49 ng

RT: 12.71 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

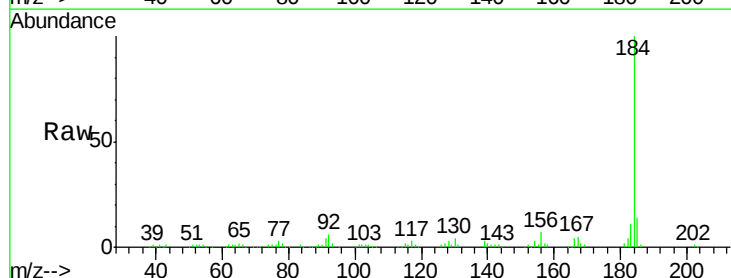
Tgt Ion:184 Resp: 175628

Ion Ratio Lower Upper

184 100

185 14.1 12.5 18.7

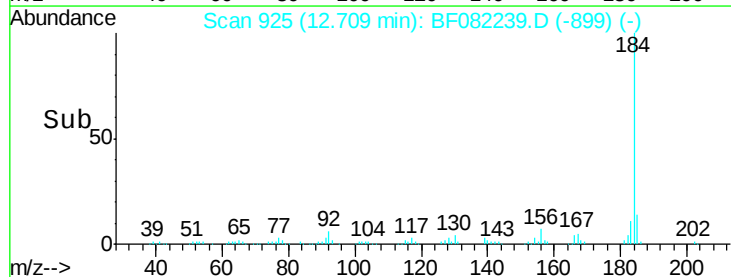
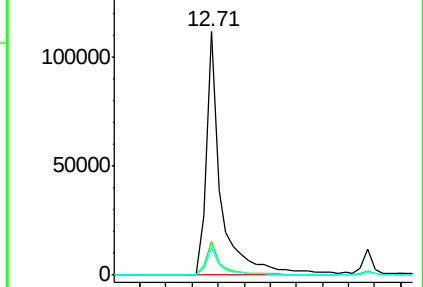
183 11.2 9.1 13.7

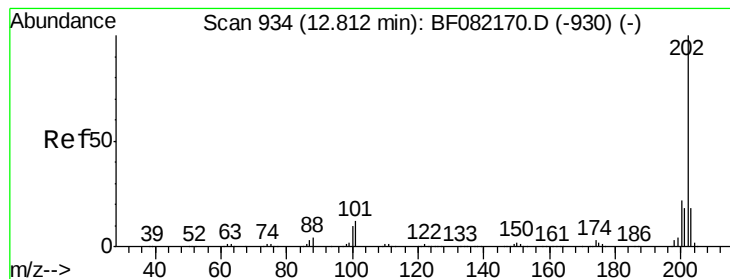


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 54.01 ng

RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

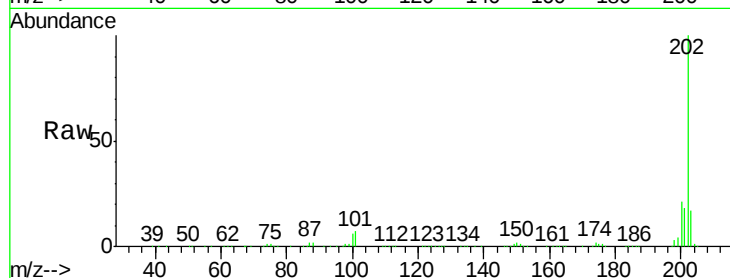
Tot Ion:202 Resp: 761903

Ion Ratio Lower Upper

202 100

200 21.4 17.9 26.9

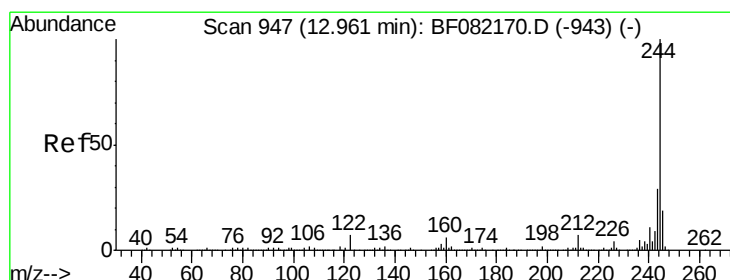
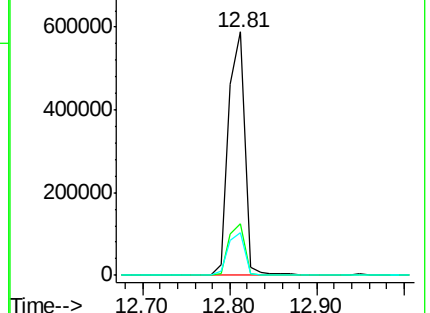
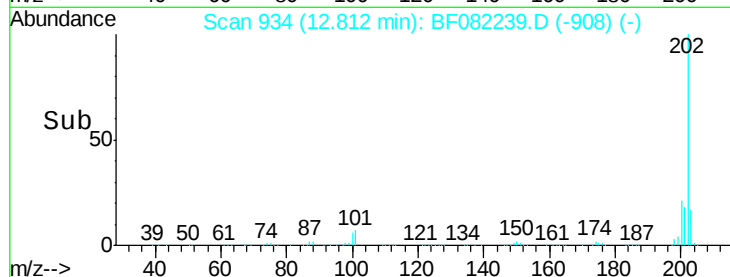
203 17.5 14.5 21.7



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: 90.27 ng

RT: 12.95 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

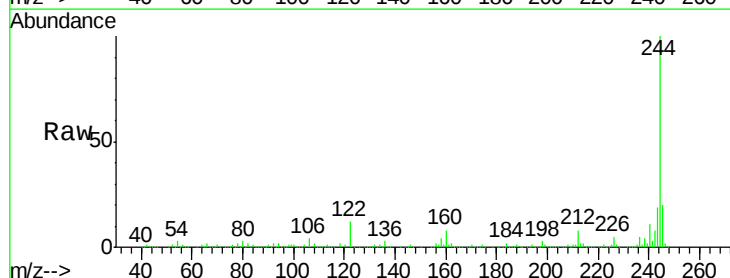
Tgt Ion:244 Resp: 809776

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.6

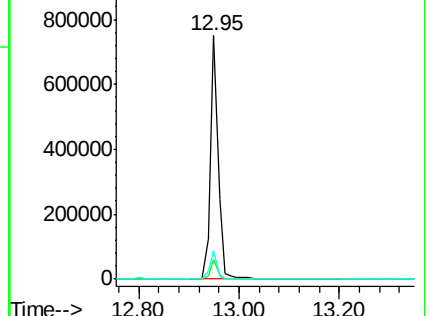
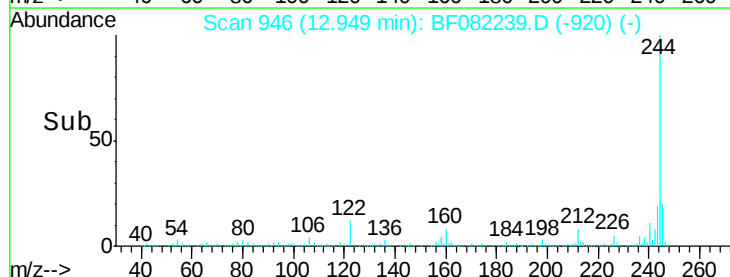
122 11.7 5.9 8.9#

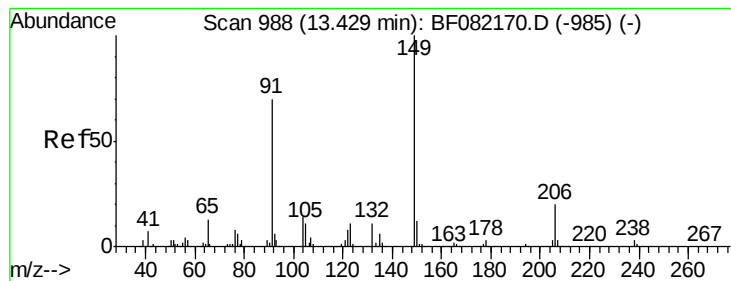


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 54.96 ng

RT: 13.43 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

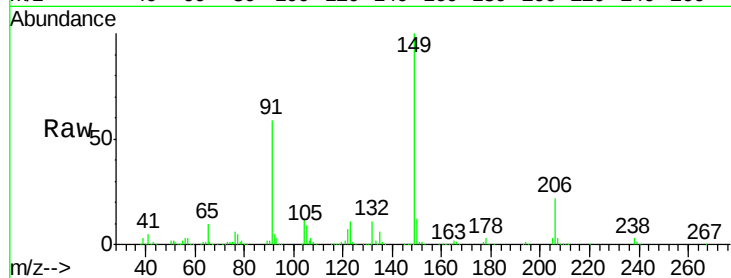
Tot Ion:149 Resp: 353833

Ion Ratio Lower Upper

149 100

91 59.0 55.7 83.5

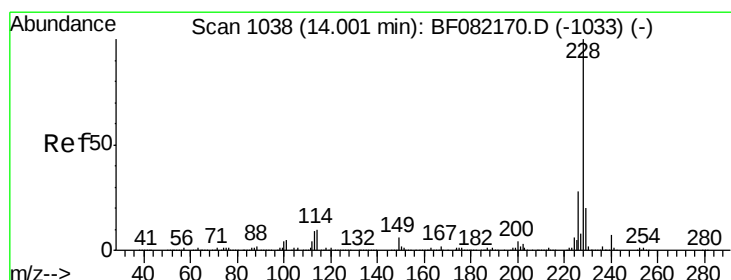
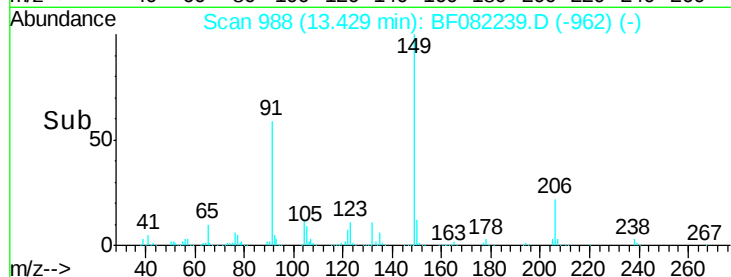
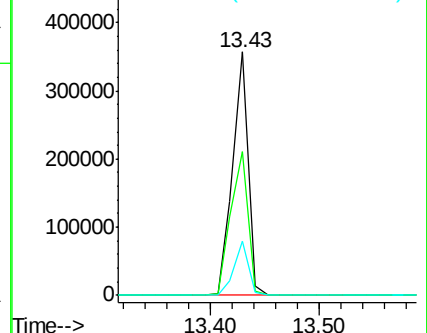
206 22.0 15.6 23.4



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: 53.20 ng

RT: 14.00 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

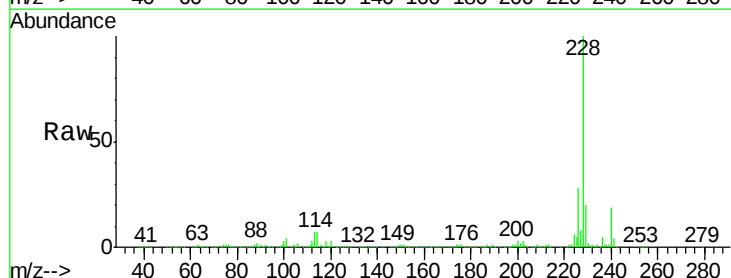
Tgt Ion:228 Resp: 657943

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

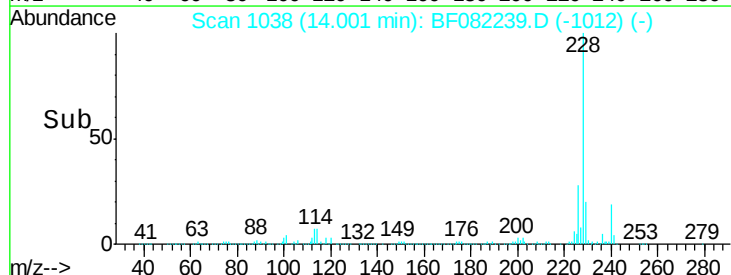
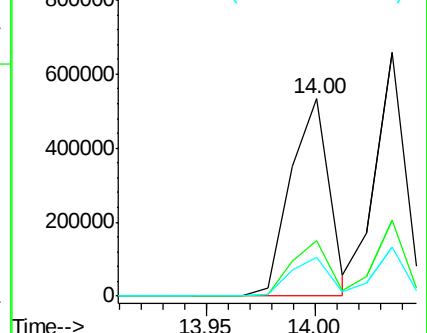
229 19.5 16.2 24.2

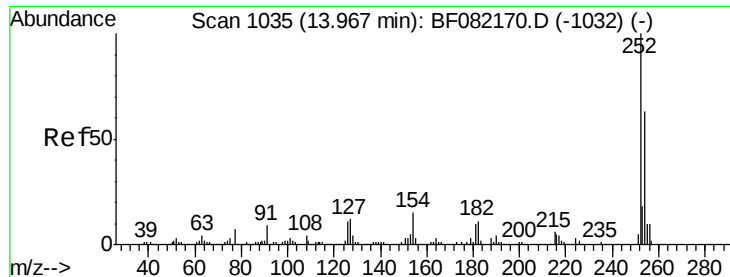


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

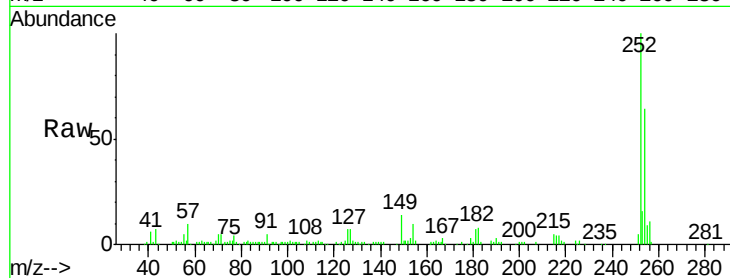




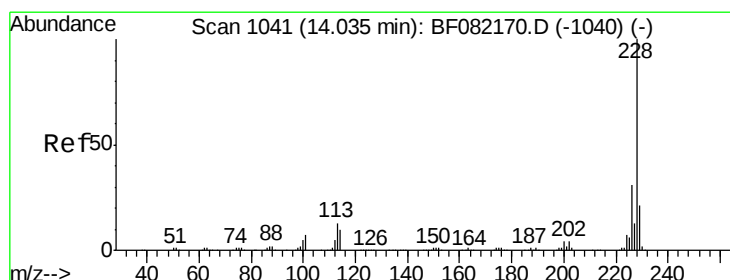
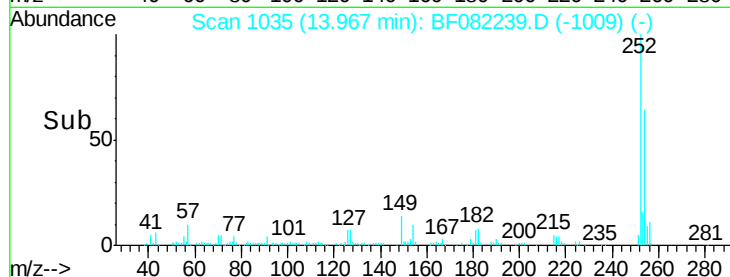
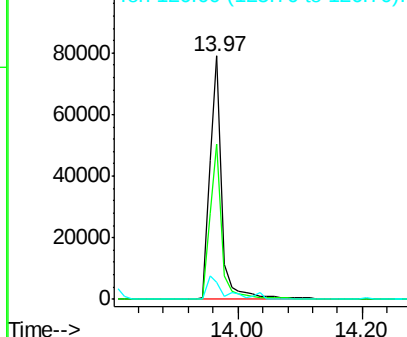
#81
 3,3'-Dichlorobenzidine
 Concen: 22.18 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

Tot Ion:252 Resp: 104143
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.7 76.1
 126 7.0 9.0 13.6#

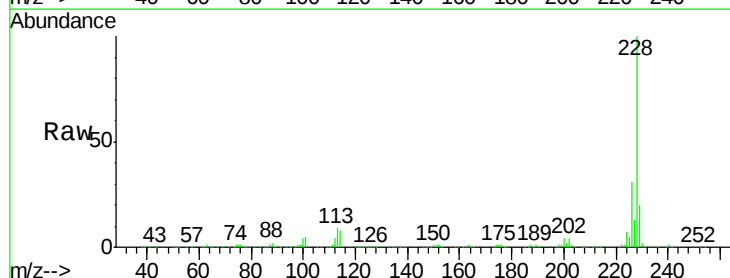


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

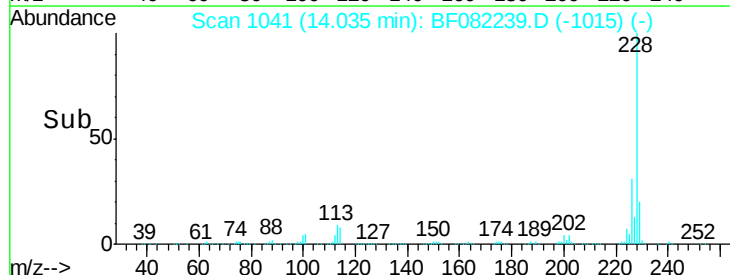
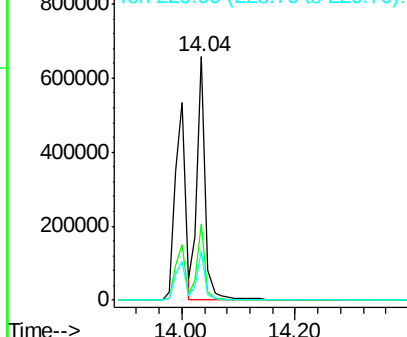


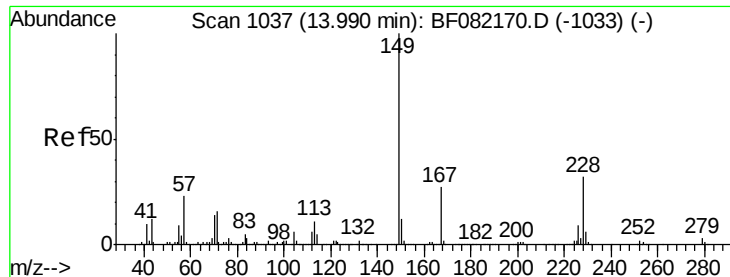
#82
 Chrysene
 Concen: 51.18 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Tgt Ion:228 Resp: 666972
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.4 36.6
 229 19.9 16.3 24.5



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

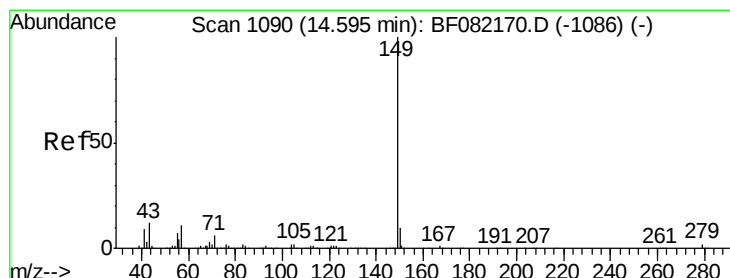
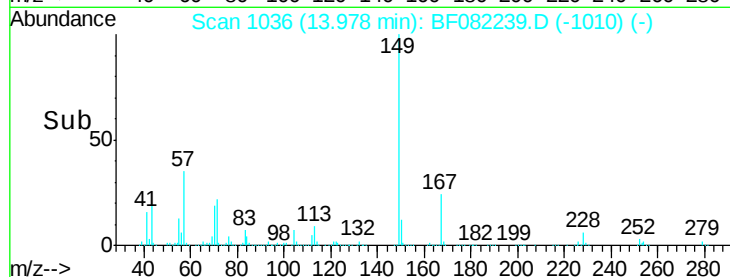
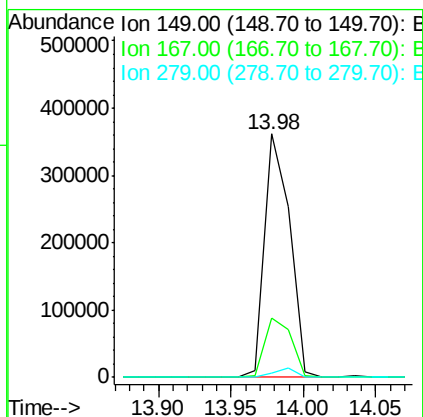
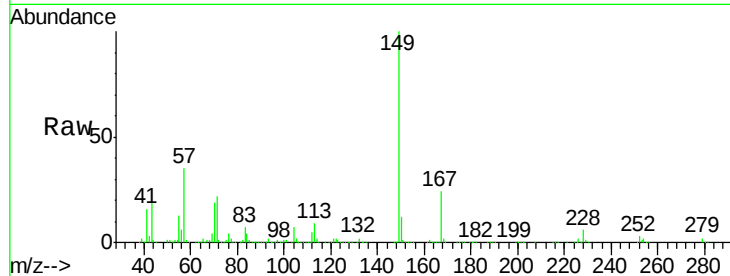




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.67 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

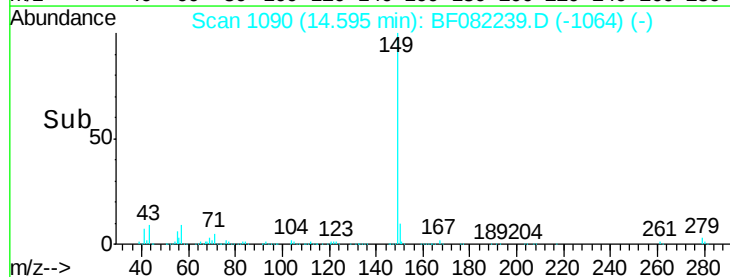
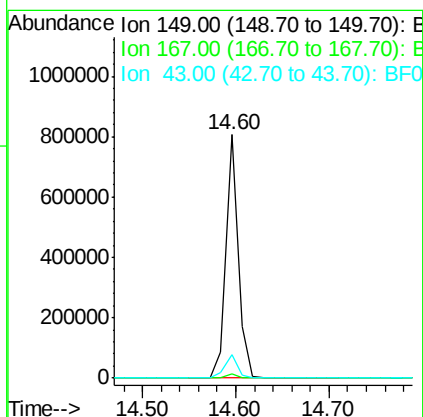
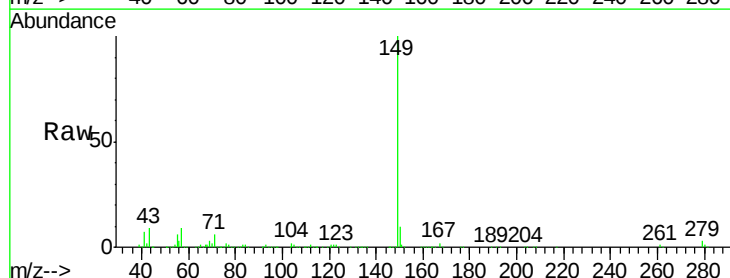
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

Tot Ion:149 Resp: 437833
 Ion Ratio Lower Upper
 149 100
 167 24.3 21.3 31.9
 279 1.8 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 46.79 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Tgt Ion:149 Resp: 738145
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.4 7.4 11.2

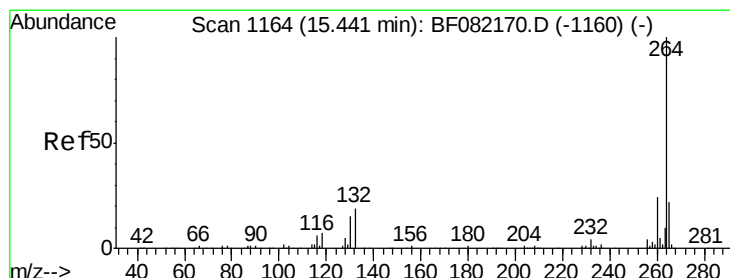
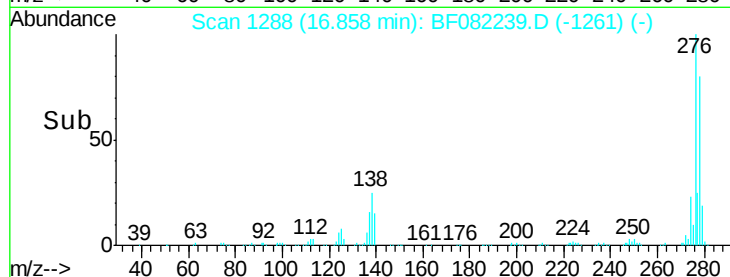
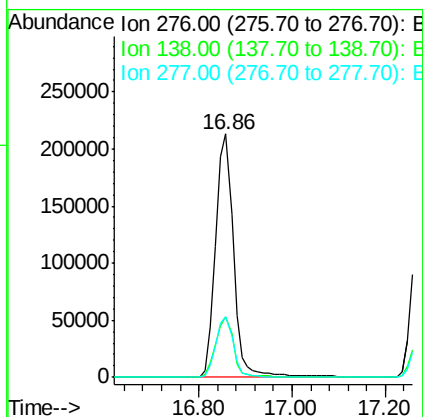
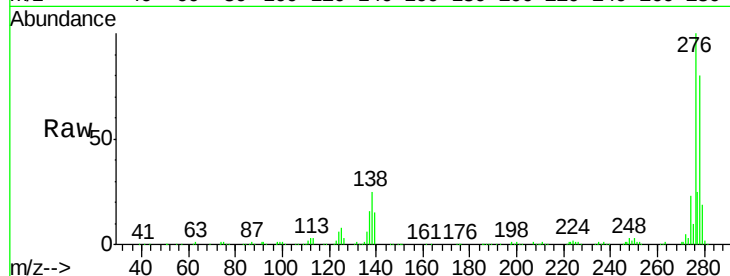




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.13 ng
 RT: 16.86 min Scan# 1288
 Delta R.T. 0.01 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

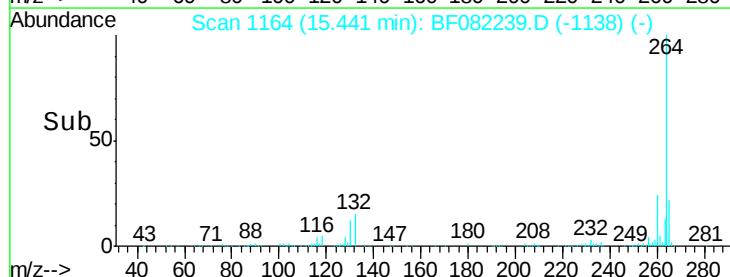
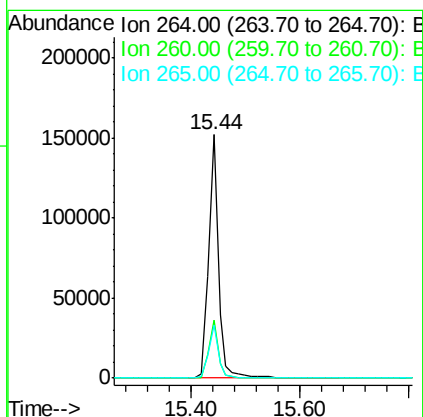
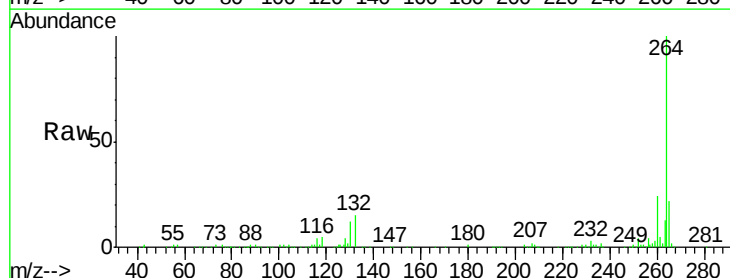
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(40)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.7	29.5
277	24.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF082239.D
 Acq: 13 Oct 2015 2:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 48.31 ng

RT: 15.03 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

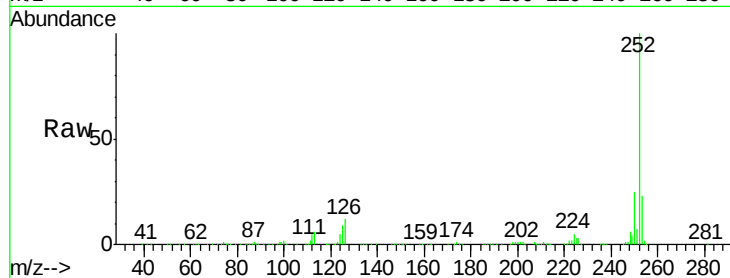
Tot Ion:252 Resp: 566216

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

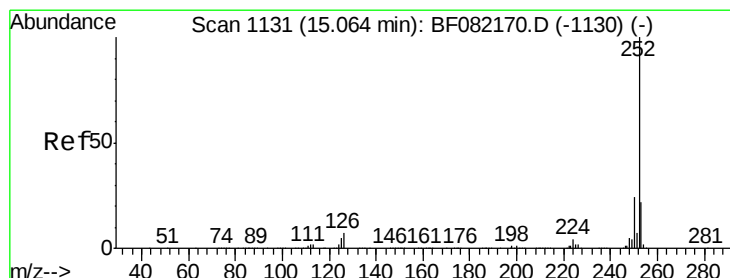
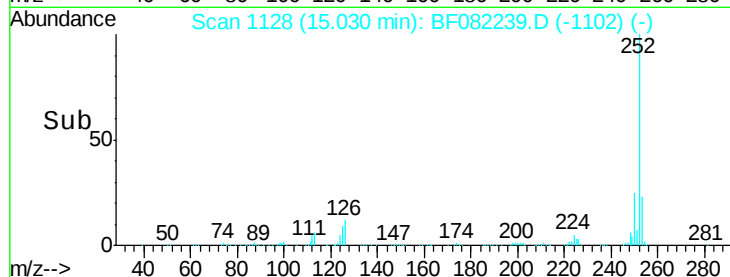
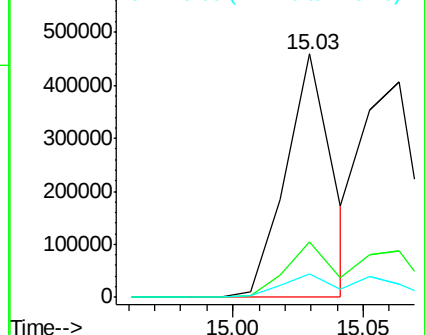
125 9.4 8.6 12.8



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: 57.48 ng

RT: 15.03 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

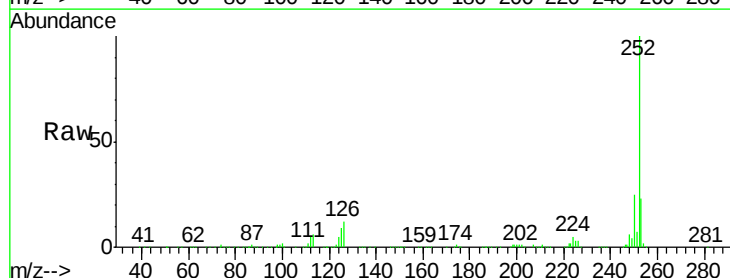
Tgt Ion:252 Resp: 566216

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

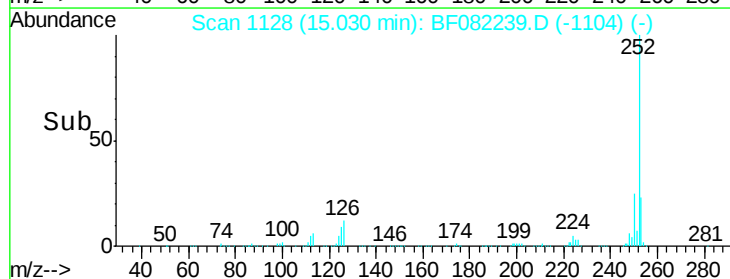
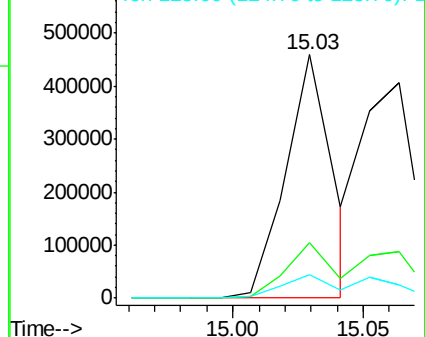
125 9.4 6.7 10.1



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: 52.91 ng

RT: 15.38 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

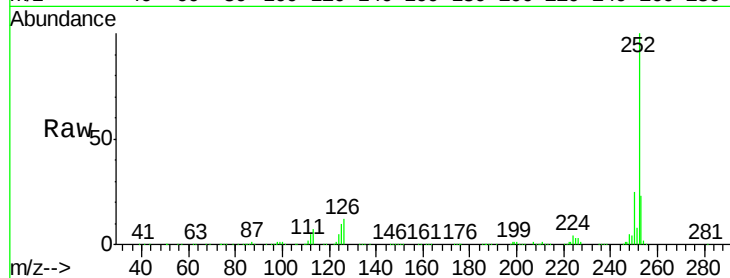
Tot Ion:252 Resp: 532945

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

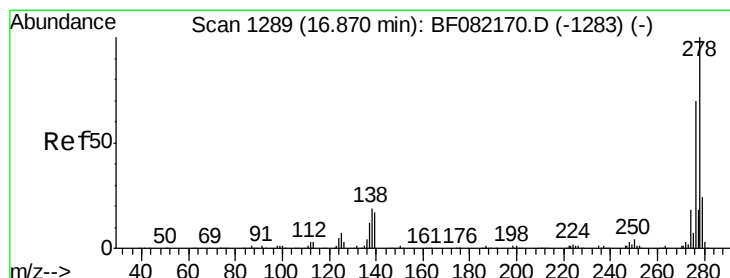
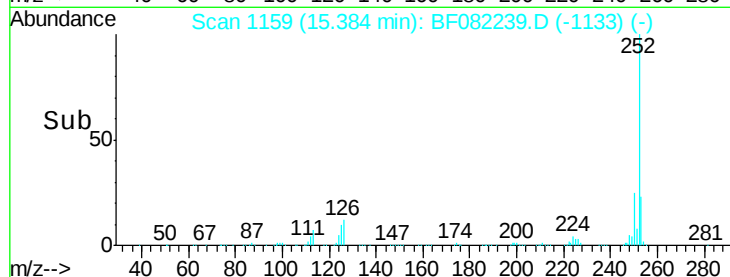
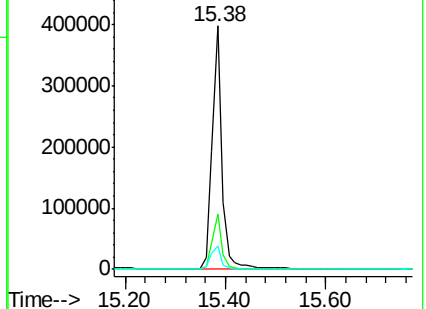
125 9.6 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 57.46 ng

RT: 16.87 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

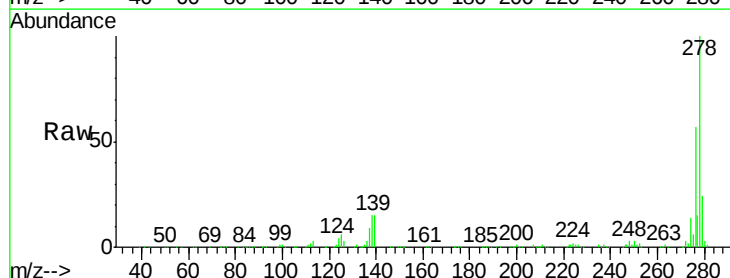
Tgt Ion:278 Resp: 474299

Ion Ratio Lower Upper

278 100

139 15.2 13.3 19.9

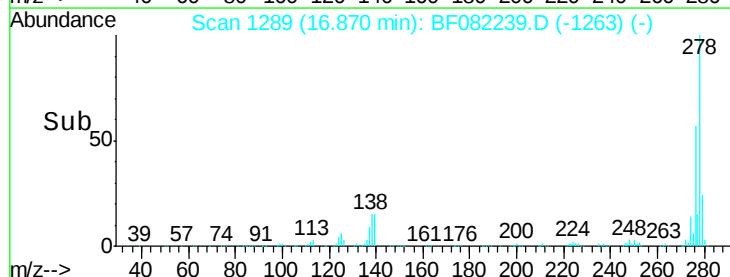
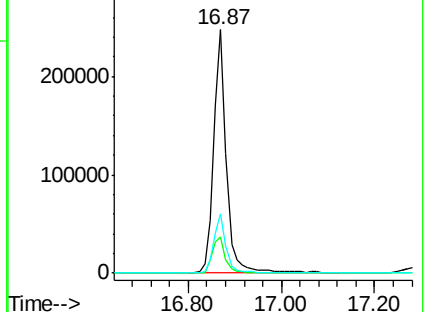
279 24.3 18.9 28.3

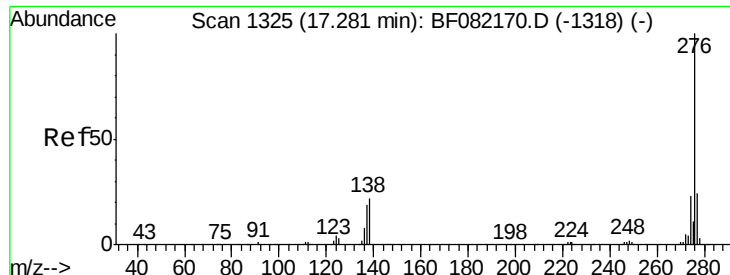


Abundance Ion 278.00 (277.70 to 278.70): E

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: 60.36 ng

RT: 17.28 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF082239.D

Acq: 13 Oct 2015 2:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW(40)MSD

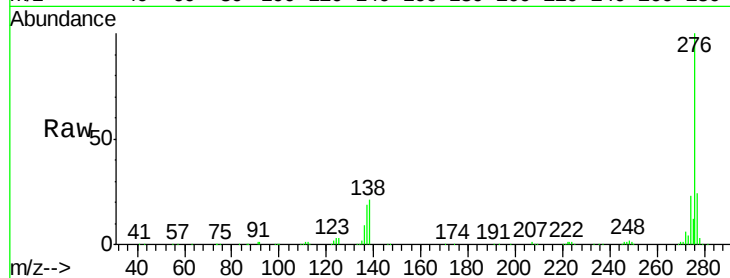
Tot Ion:276 Resp: 483989

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 21.2 17.4 26.2



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

