

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
 Data File : BF080510.D
 Acq On : 16 Jul 2015 14:56
 Operator : TP/UM
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Jul 16 16:01:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 15:23:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	18361	20.00	ng	0.00
21) Naphthalene-d8	8.36	136	81583	20.00	ng	0.00
38) Acenaphthene-d10	10.12	164	35841	20.00	ng	0.00
63) Phenanthrene-d10	11.61	188	72392	20.00	ng	0.00
75) Chrysene-d12	14.51	240	57987	20.00	ng	0.08
86) Perylene-d12	16.26	264	45403	20.00	ng	0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	3851	3.00	ng	0.02
7) Phenol-d6	6.73	99	6562	4.36	ng	0.01
23) Nitrobenzene-d5	7.64	82	5651	4.29	ng	0.00
41) 2,4,6-Tribromophenol	10.91	330	1162	4.26	ng	0.00
44) 2-Fluorobiphenyl	9.44	172	13761	4.54	ng	0.00
78) Terphenyl-d14	13.26	244	13331	4.58	ng	0.03

Target Compounds

						Qvalue
6) Aniline	6.76	93	3909	2.12	ng	# 58
9) Benzaldehyde	6.65	77	1850	3.80	ng	# 78
10) Phenol	6.75	94	3279	2.08	ng	# 64
12) 1,3-Dichlorobenzene	7.01	146	3577	2.42	ng	# 87
13) 1,4-Dichlorobenzene	7.09	146	3849	2.53	ng	92
14) 1,2-Dichlorobenzene	7.25	146	3546	2.51	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.34	45	5284	2.24	ng	# 28
17) 2-Methylphenol	7.34	107	2669	2.78	ng	# 65
18) Hexachloroethane	7.58	117	1074	2.25	ng	# 70
19) n-Nitroso-di-n-propylamine	7.48	70	1883	2.49	ng	# 75
20) 3+4-Methylphenols	7.52	107	2552	2.00	ng	# 82
24) Nitrobenzene	7.66	77	2892	2.29	ng	# 58
30) 1,2,4-Trichlorobenzene	8.30	180	3084	2.51	ng	99
31) Naphthalene	8.38	128	9567	2.03	ng	97
34) Hexachlorobutadiene	8.50	225	1865	3.60	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.24	216	2715	2.70	ng	# 96
42) 2,4,6-Trichlorophenol	9.37	196	1365	2.06	ng	95
43) 2,4,5-Trichlorophenol	9.41	196	1445m	2.09	ng	
45) 1,1'-Biphenyl	9.54	154	7378	2.13	ng	97
46) 2-Chloronaphthalene	9.56	162	5803	2.47	ng	# 86
48) Acenaphthylene	9.98	152	8493	2.04	ng	98
49) Dimethylphthalate	9.84	163	5635	2.34	ng	# 94
51) Acenaphthene	10.16	154	5209	2.03	ng	88
54) Dibenzofuran	10.33	168	7886	2.43	ng	93
57) Fluorene	10.67	166	6200	2.18	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.45	232	1132	2.18	ng	# 83
59) Diethylphthalate	10.52	149	4990	2.07	ng	94
60) 4-Chlorophenyl-phenylether	10.66	204	2812	2.50	ng	90
62) Azobenzene	10.81	77	5093	2.30	ng	81
65) n-Nitrosodiphenylamine	10.77	169	5425	2.03	ng	# 89
66) 4-Bromophenyl-phenylether	11.15	248	1519	2.27	ng	95
67) Hexachlorobenzene	11.22	284	1676	2.32	ng	# 85
70) Phenanthrene	11.63	178	9902	2.22	ng	98
74) Fluoranthene	12.86	202	8231	2.16	ng	98

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

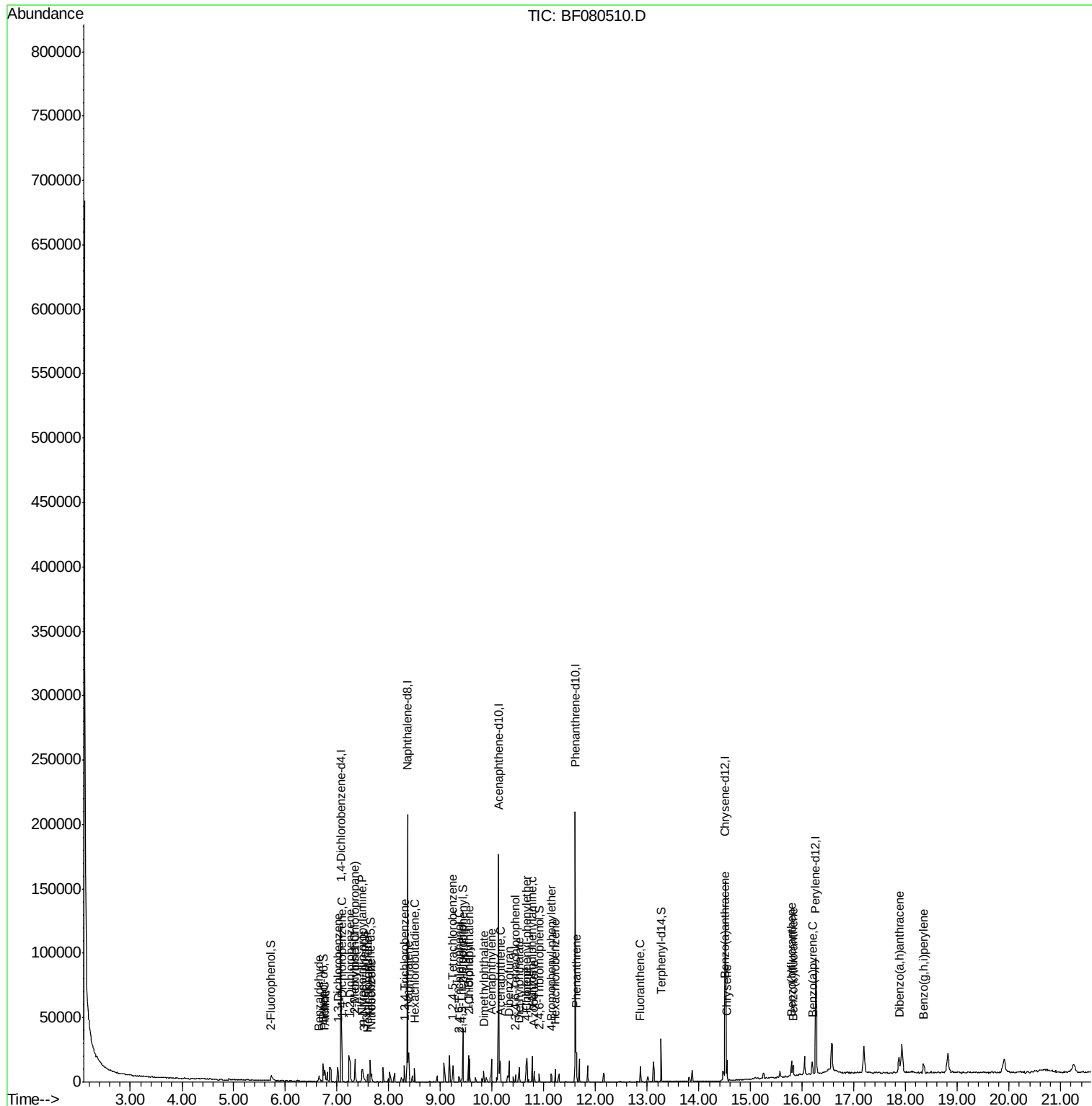
Quant Time: Jul 16 16:01:28 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 15:23:16 2015
Response via : Initial Calibration

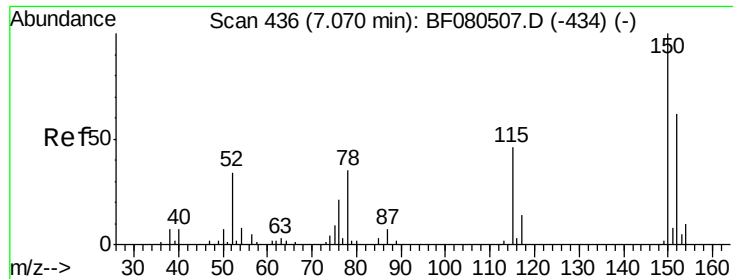
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	14.50	228	7685	2.20	ng	98
82) Chrysene	14.55	228	7861	2.32	ng	94
87) Benzo(b)fluoranthene	15.79	252	6862	2.42	ng	# 85
88) Benzo(k)fluoranthene	15.83	252	6238m	2.15	ng	
89) Benzo(a)pyrene	16.19	252	5819	2.19	ng	# 88
90) Dibenzo(a,h)anthracene	17.88	278	6007	2.61	ng	# 85
91) Benzo(g,h,i)perylene	18.34	276	5995	2.55	ng	# 85

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

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Acq On    : 16 Jul 2015   14:56  
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Sample    : SSTDICC2.5  
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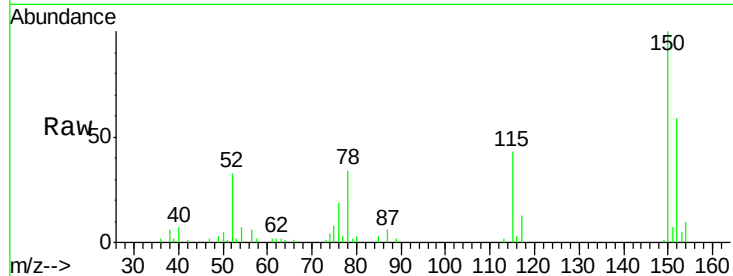


#1

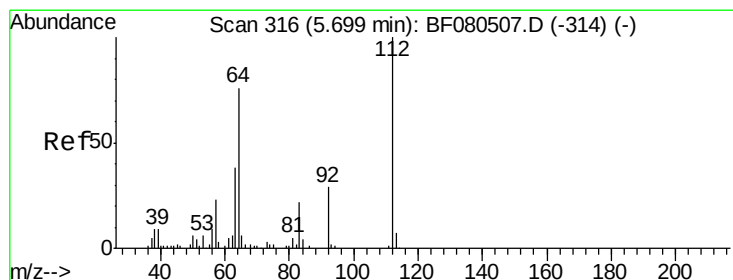
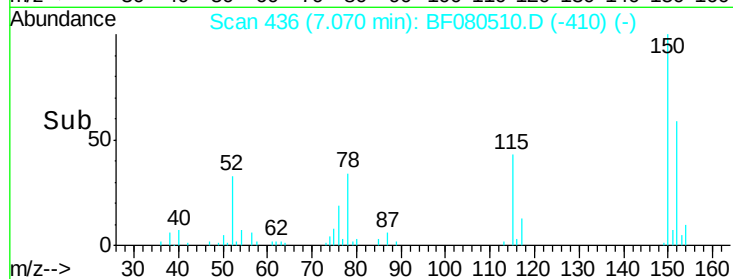
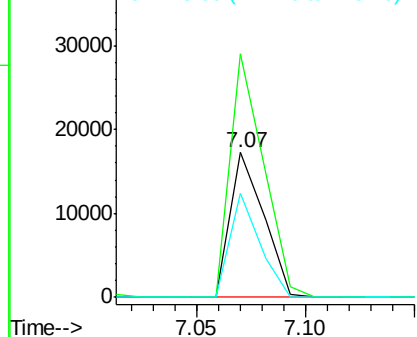
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080510.D
Acq: 16 Jul 2015 14:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 18361
Ion Ratio Lower Upper
152 100
150 168.4 124.7 187.1
115 71.9 39.0 58.4#



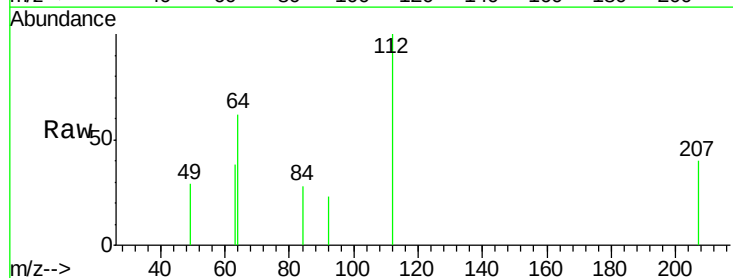
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



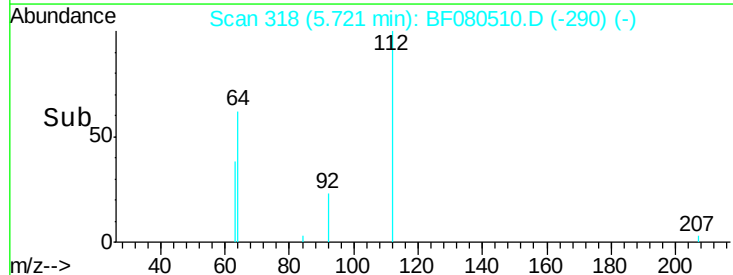
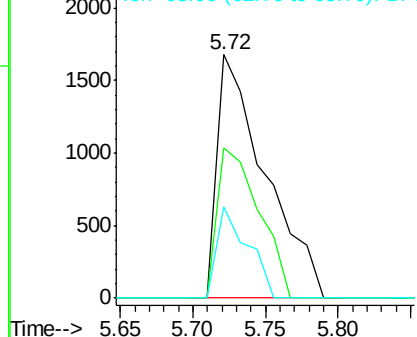
#5

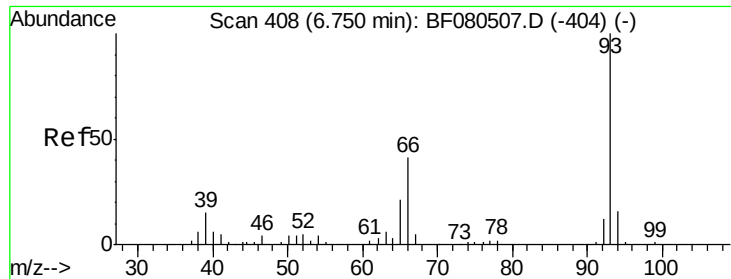
2-Fluorophenol
Concen: 3.00 ng
RT: 5.72 min Scan# 318
Delta R.T. 0.02 min
Lab File: BF080510.D
Acq: 16 Jul 2015 14:56

Tgt Ion:112 Resp: 3851
Ion Ratio Lower Upper
112 100
64 61.8 39.7 59.5#
63 37.7 17.4 26.0#



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: 2.12 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

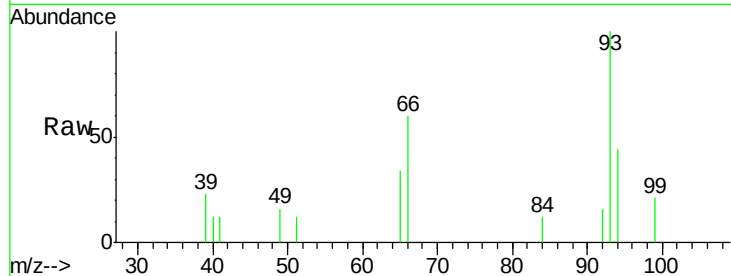
Tgt Ion: 93 Resp: 3909

Ion Ratio Lower Upper

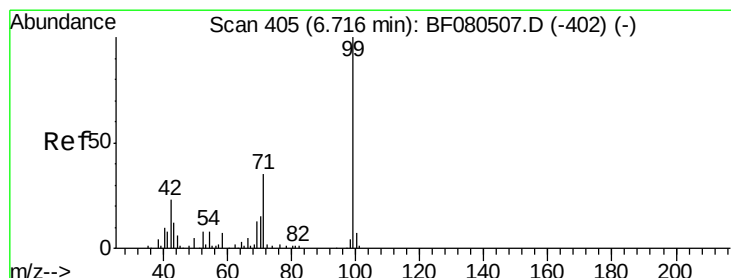
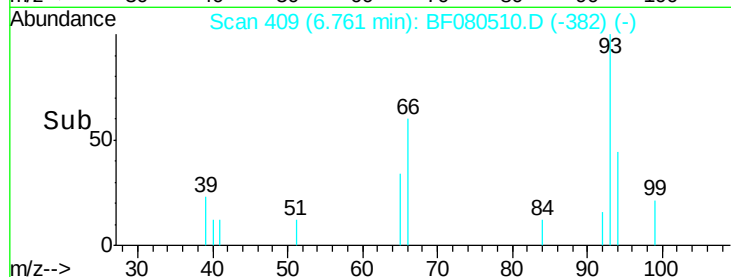
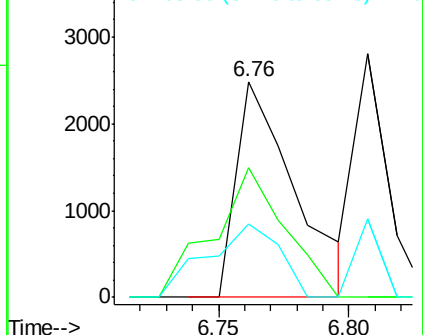
93 100

66 60.0 27.2 40.8#

65 34.2 14.7 22.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 4.36 ng

RT: 6.73 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

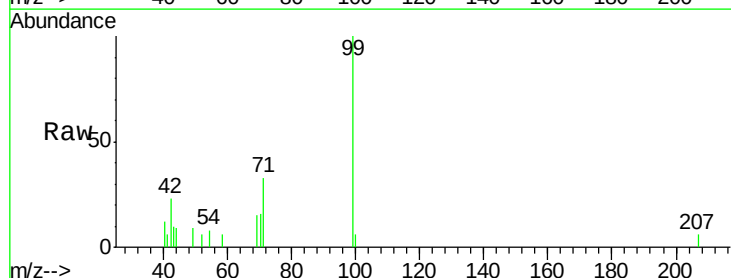
Tgt Ion: 99 Resp: 6562

Ion Ratio Lower Upper

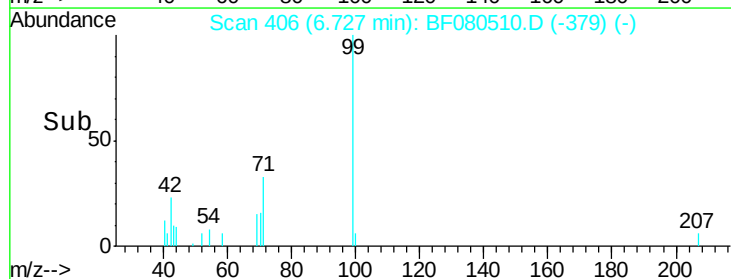
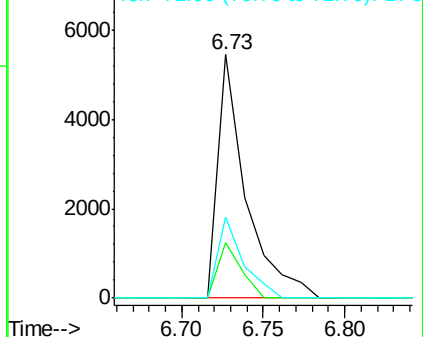
99 100

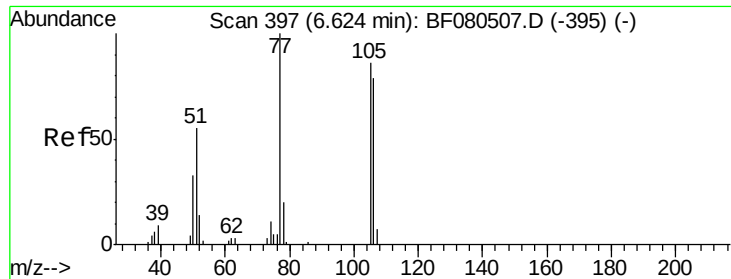
42 22.7 13.7 20.5#

71 33.2 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 3.80 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.02 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

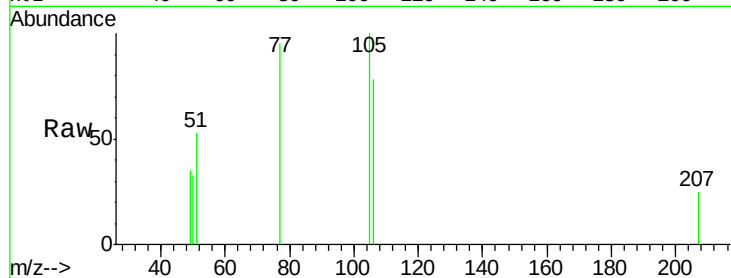
Tgt Ion: 77 Resp: 1850

Ion Ratio Lower Upper

77 100

105 105.2 91.6 131.6

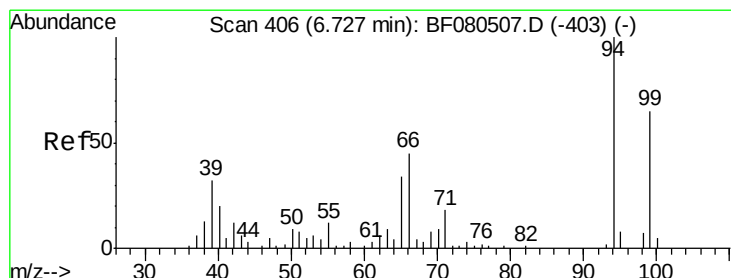
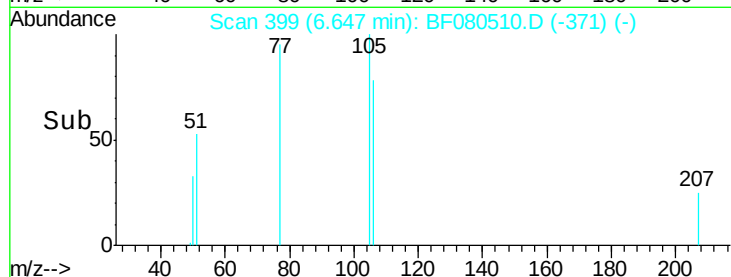
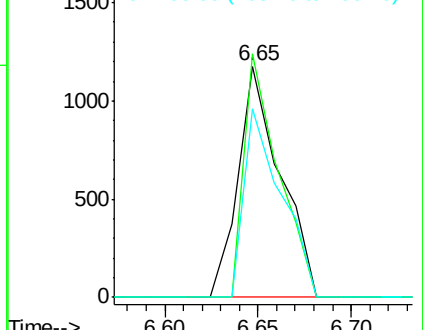
106 81.7 102.6 142.6#



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: 2.08 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.02 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

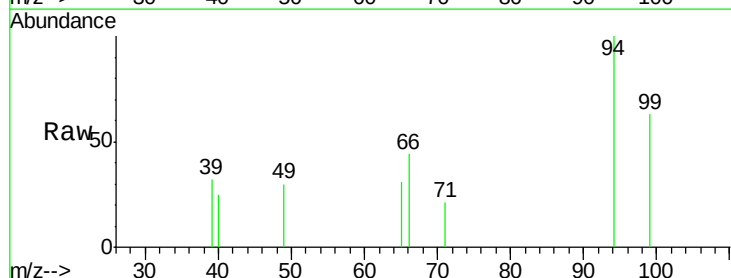
Tgt Ion: 94 Resp: 3279

Ion Ratio Lower Upper

94 100

65 31.2 0.7 40.7

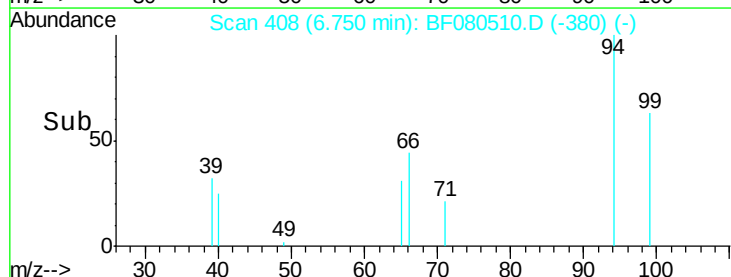
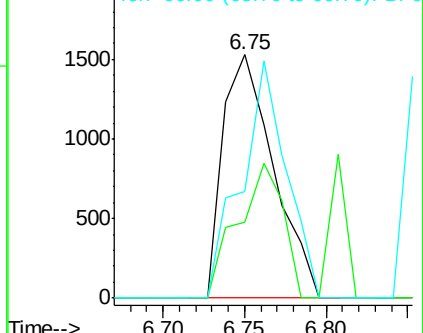
66 44.1 0.8 40.8#

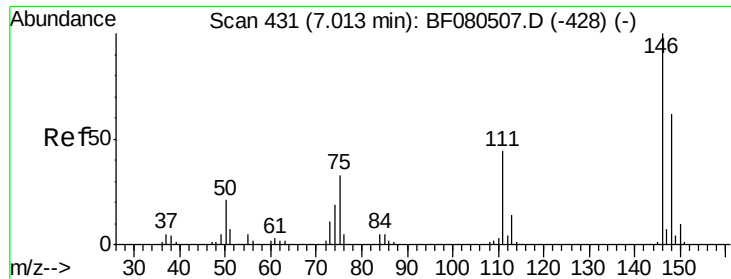


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#12

1,3-Dichlorobenzene

Concen: 2.42 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

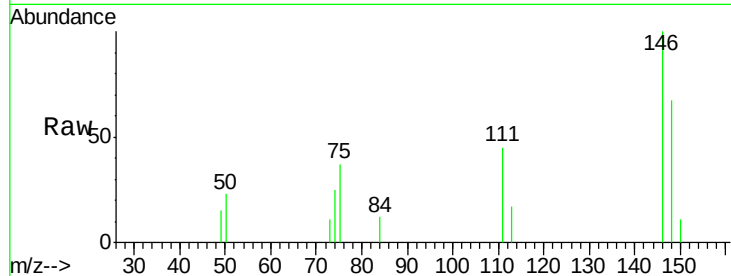
Tgt Ion:146 Resp: 3577

Ion Ratio Lower Upper

146 100

148 67.2 51.0 76.4

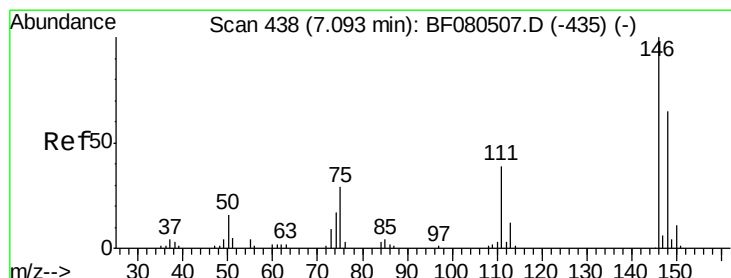
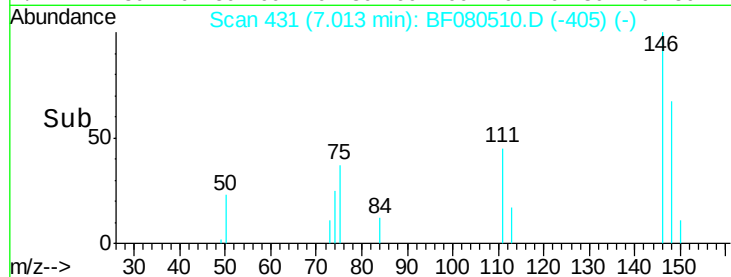
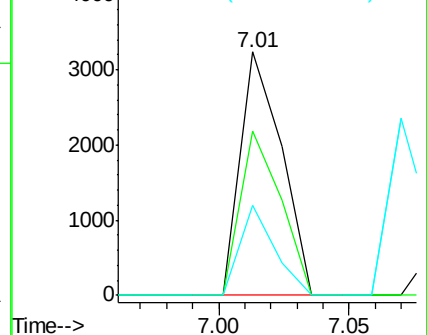
75 36.7 15.0 22.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 2.53 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

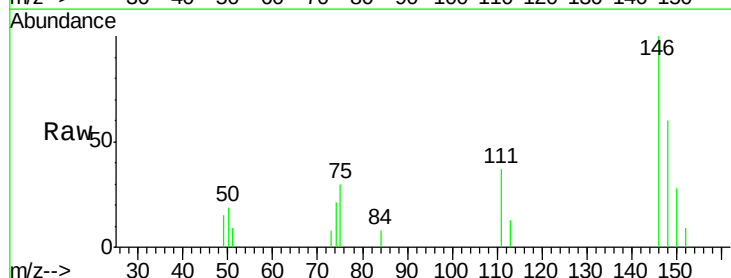
Tgt Ion:146 Resp: 3849

Ion Ratio Lower Upper

146 100

148 59.5 51.8 77.6

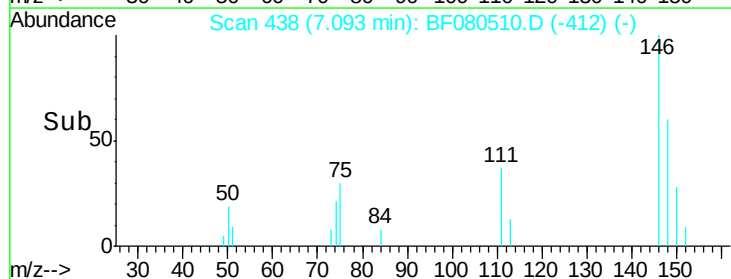
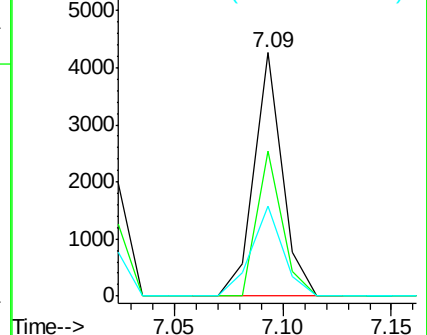
111 36.9 24.9 37.3

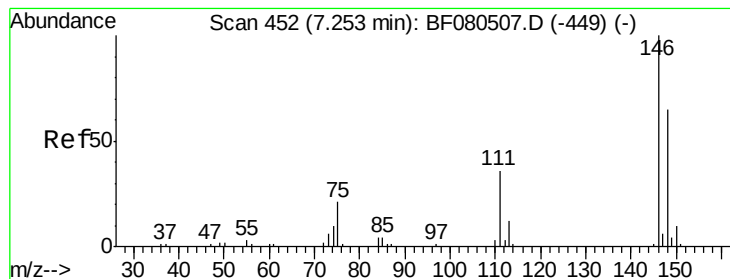


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 2.51 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

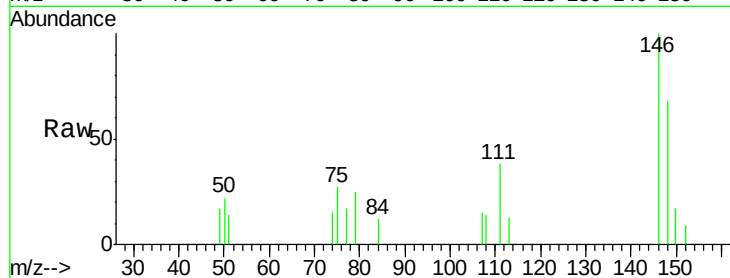
Tgt Ion:146 Resp: 3546

Ion Ratio Lower Upper

146 100

148 67.6 52.7 79.1

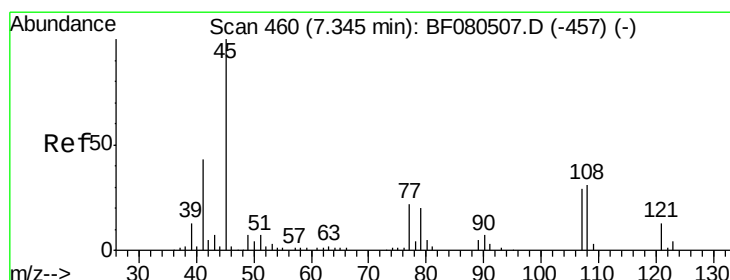
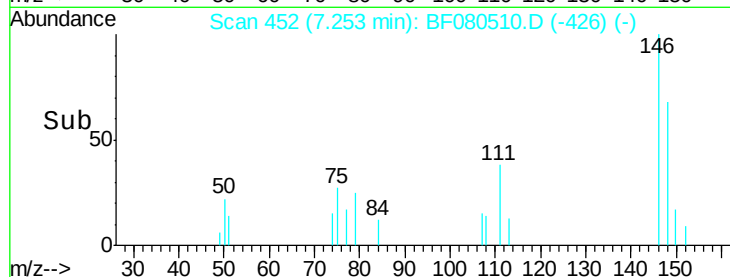
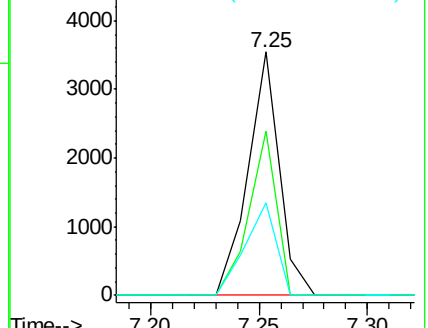
111 37.9 28.8 43.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#16

2,2'-oxybis(1-chloropropane)

Concen: 2.24 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

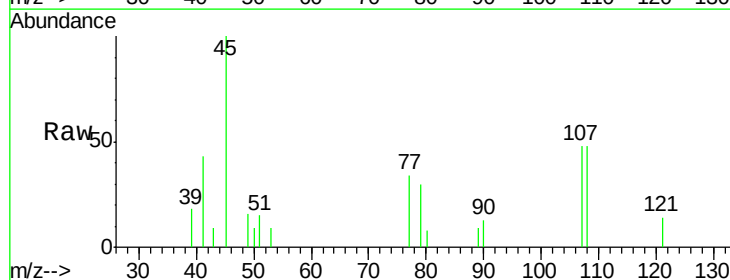
Tgt Ion: 45 Resp: 5284

Ion Ratio Lower Upper

45 100

77 34.2 0.0 28.1#

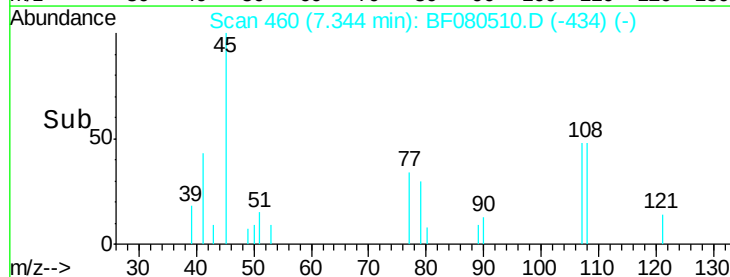
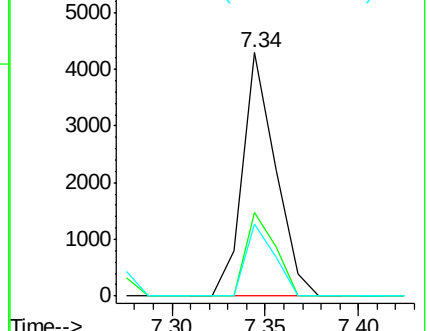
79 29.6 0.0 26.0#

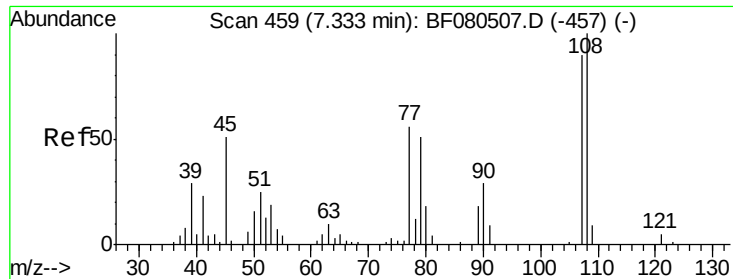


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

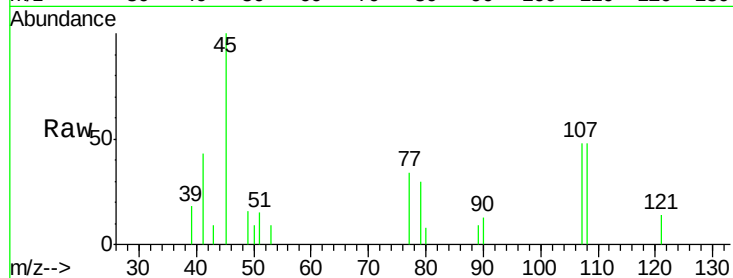




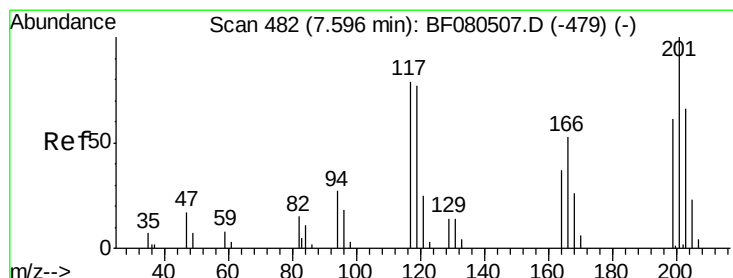
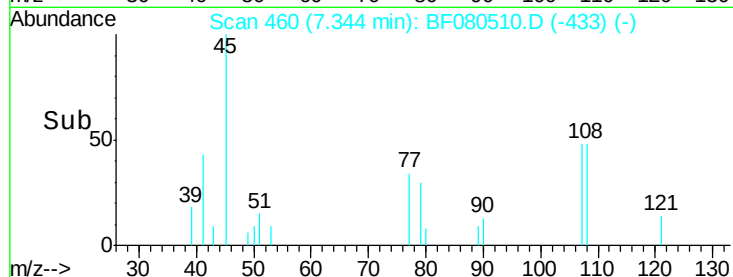
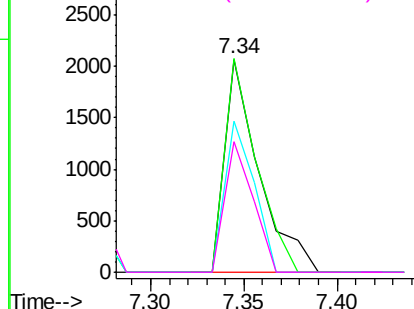
#17
2-Methylphenol
Concen: 2.78 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF080510.D
Acq: 16 Jul 2015 14:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:107 Resp: 2669
Ion Ratio Lower Upper
107 100
108 100.4 96.6 145.0
77 71.0 23.3 34.9#
79 61.5 22.0 33.0#

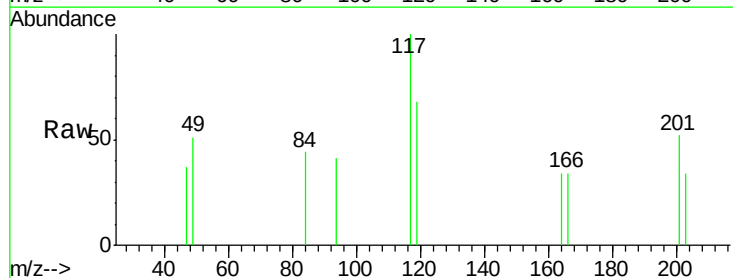


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

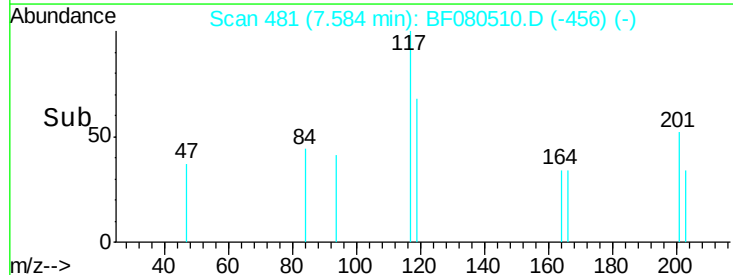
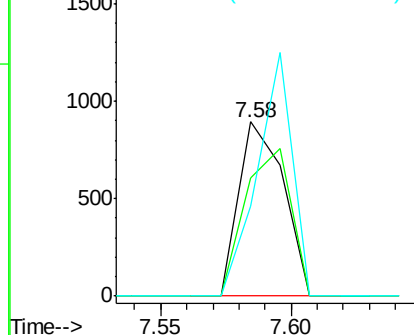


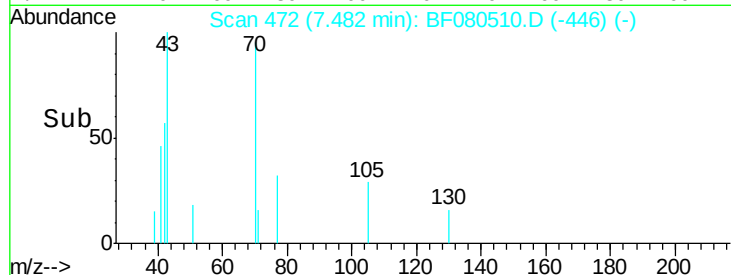
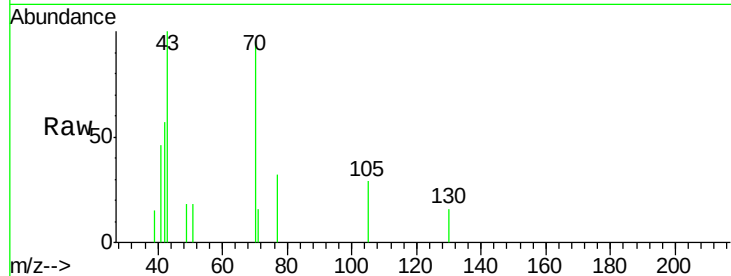
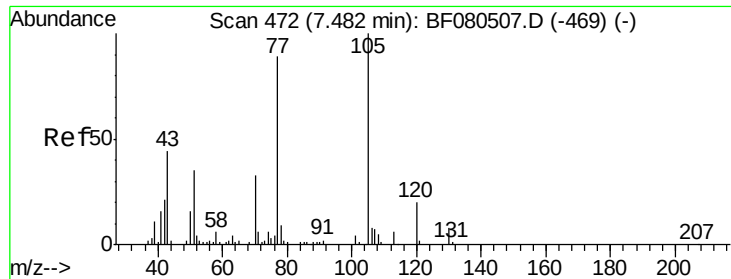
#18
Hexachloroethane
Concen: 2.25 ng
RT: 7.58 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF080510.D
Acq: 16 Jul 2015 14:56

Tgt Ion:117 Resp: 1074
Ion Ratio Lower Upper
117 100
119 68.2 83.8 125.6#
201 52.1 55.1 82.7#



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

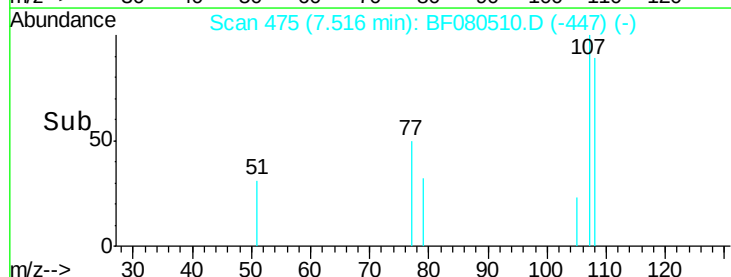
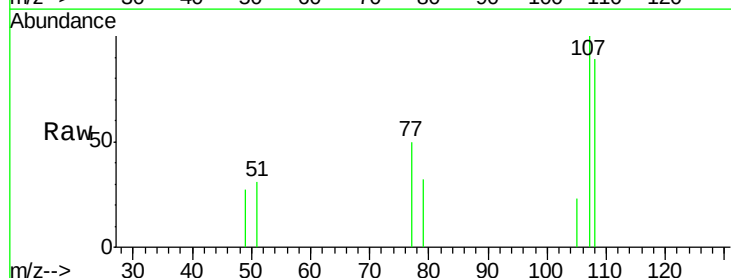
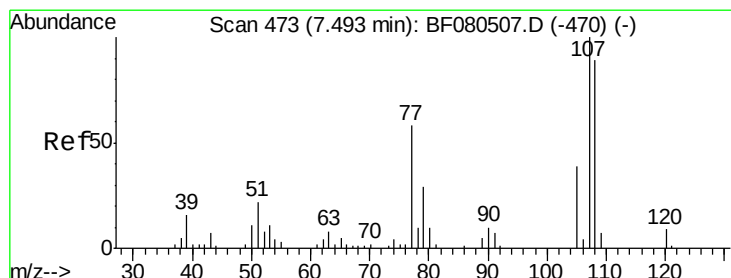
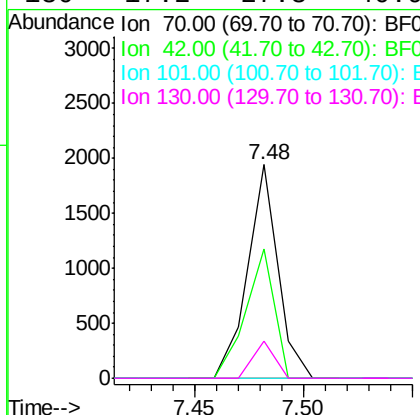




#19
n-Nitroso-di-n-propylamine
Concen: 2.49 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF080510.D
Acq: 16 Jul 2015 14:56

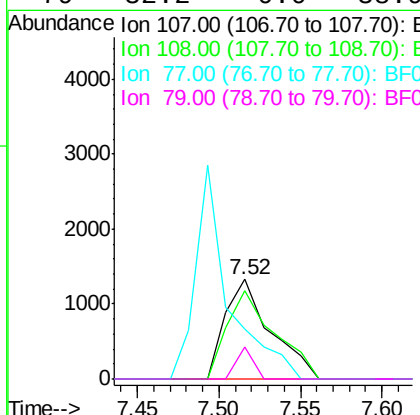
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

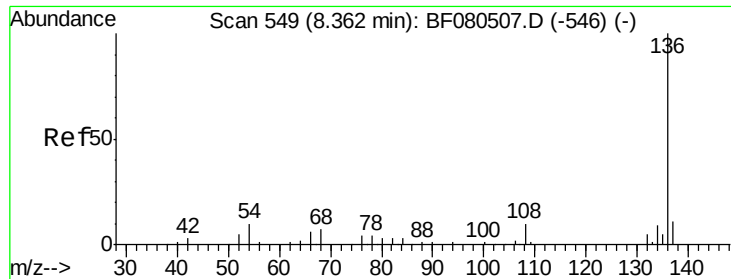
Tgt Ion: 70 Resp: 1883
Ion Ratio Lower Upper
70 100
42 60.3 63.8 95.6#
101 0.0 9.2 13.8#
130 17.2 27.3 40.9#



#20
3+4-Methylphenols
Concen: 2.00 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.02 min
Lab File: BF080510.D
Acq: 16 Jul 2015 14:56

Tgt Ion: 107 Resp: 2552
Ion Ratio Lower Upper
107 100
108 89.2 74.6 114.6
77 49.9 0.7 40.7#
79 32.2 0.0 38.9

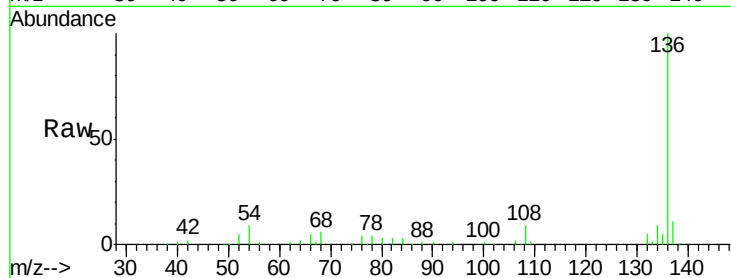




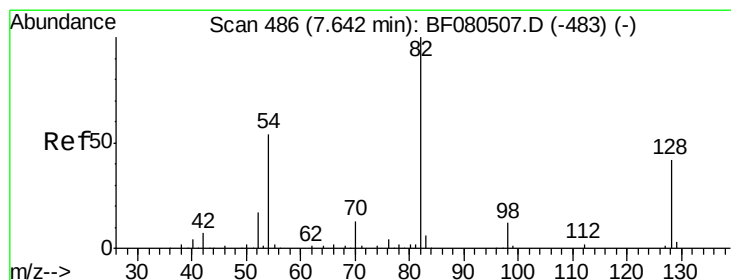
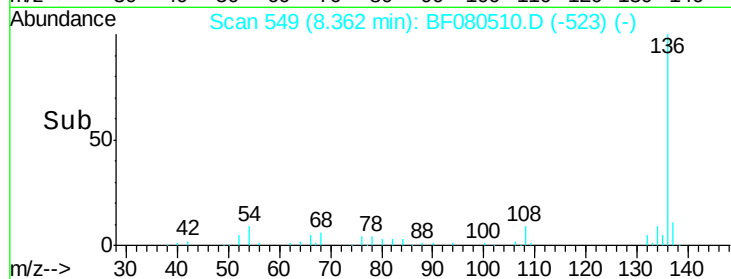
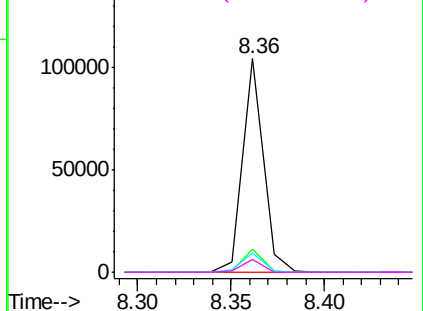
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.36 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF080510.D
Acq: 16 Jul 2015 14:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:	136	Resp:	81583
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.9	8.2	12.2
68	5.9	5.8	8.6

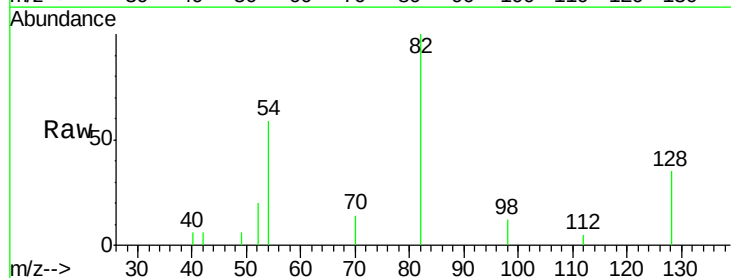


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

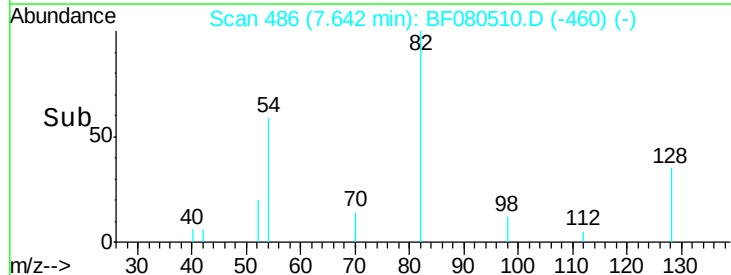
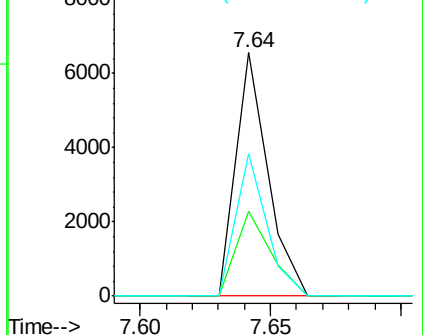


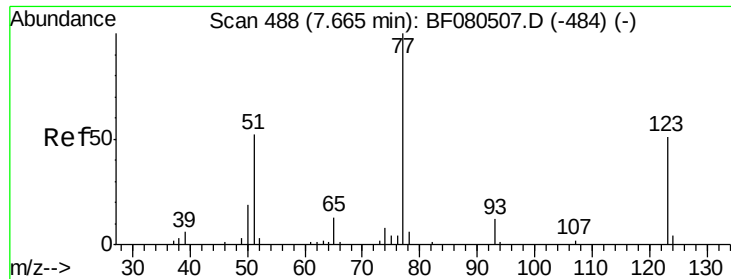
#23
Nitrobenzene-d5
Concen: 4.29 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF080510.D
Acq: 16 Jul 2015 14:56

Tgt Ion:	82	Resp:	5651
Ion	Ratio	Lower	Upper
82	100		
128	35.0	51.0	76.6#
54	58.8	47.5	71.3



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





#24

Nitrobenzene

Concen: 2.29 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

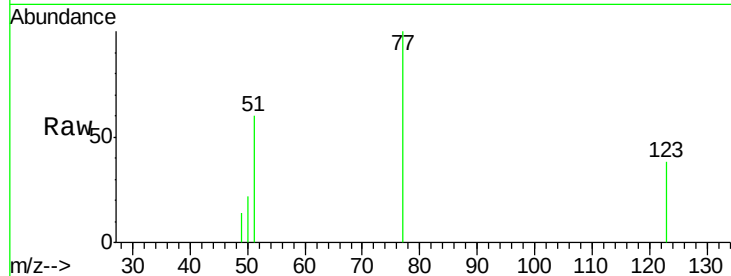
Tgt Ion: 77 Resp: 2892

Ion Ratio Lower Upper

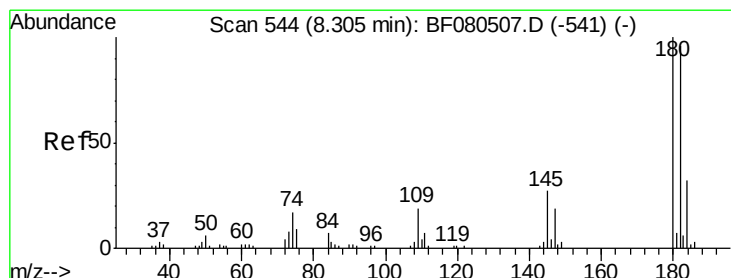
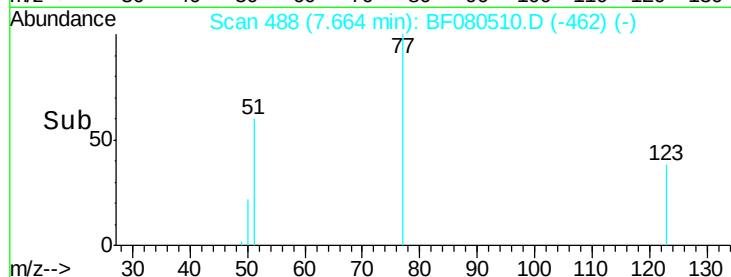
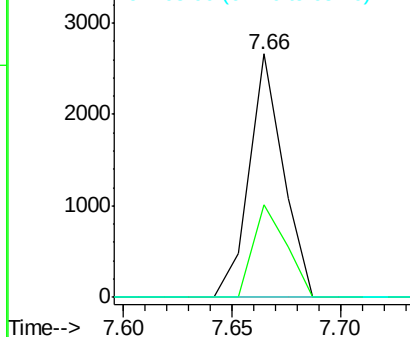
77 100

123 37.9 59.8 89.8#

65 0.0 10.2 15.4#



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



#30

1,2,4-Trichlorobenzene

Concen: 2.51 ng

RT: 8.30 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

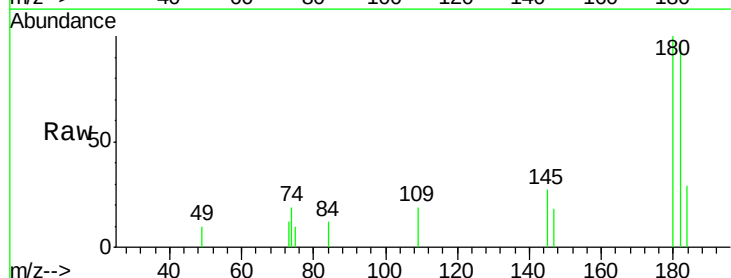
Tgt Ion: 180 Resp: 3084

Ion Ratio Lower Upper

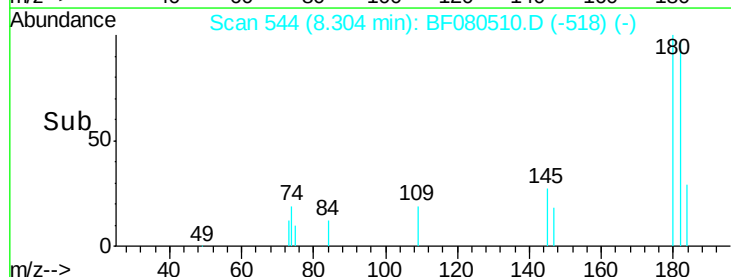
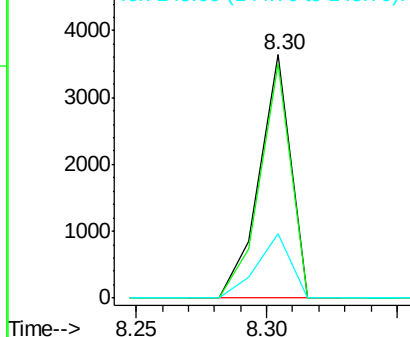
180 100

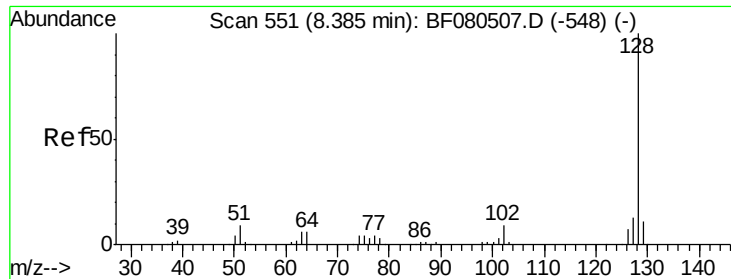
182 96.6 77.1 115.7

145 26.7 23.3 34.9



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

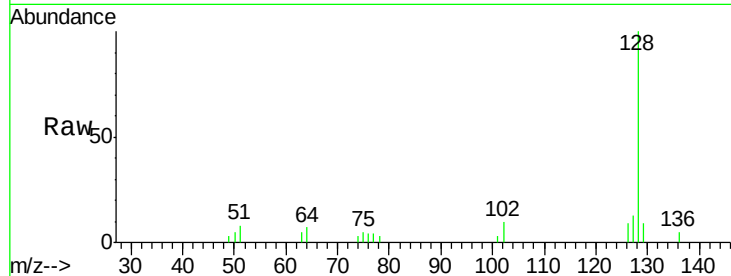




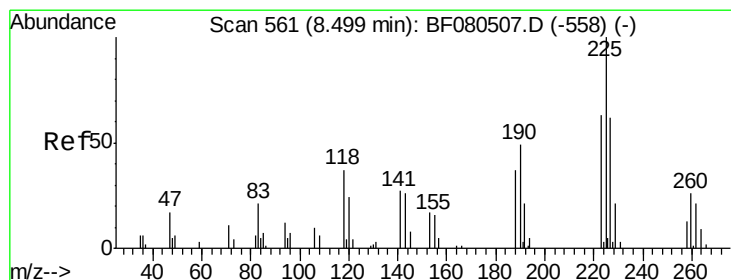
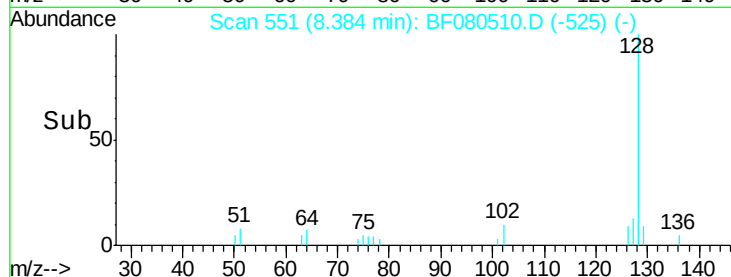
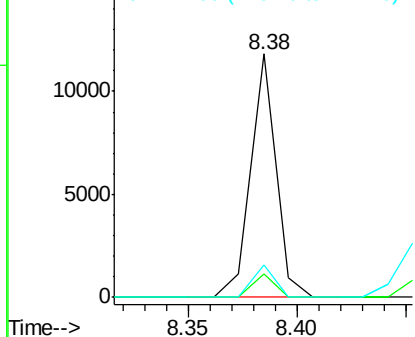
#31
Naphthalene
Concen: 2.03 ng
RT: 8.38 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF080510.D
Acq: 16 Jul 2015 14:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:128 Resp: 9567
Ion Ratio Lower Upper
128 100
129 9.4 8.4 12.6
127 13.4 9.9 14.9

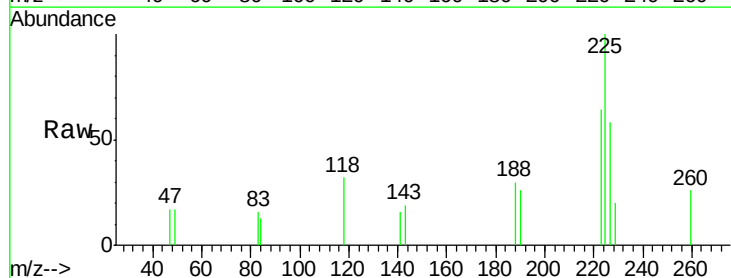


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

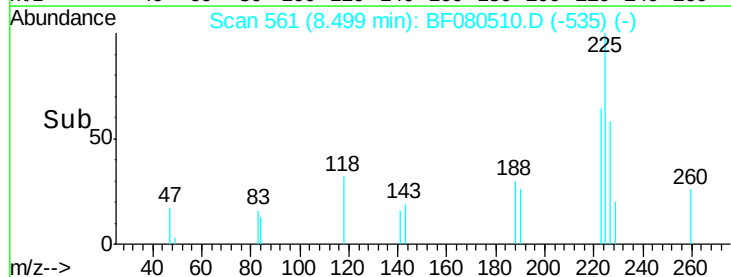
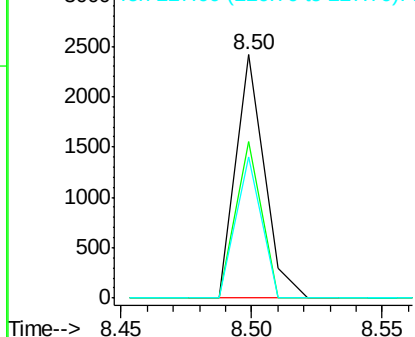


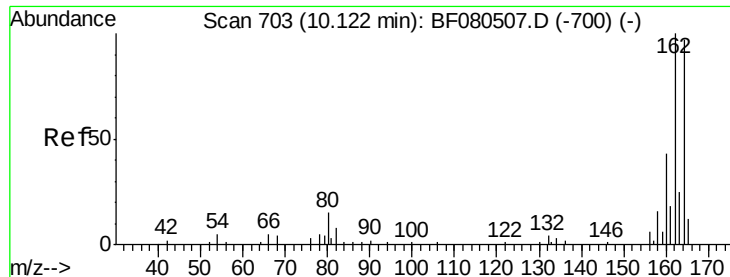
#34
Hexachlorobutadiene
Concen: 3.60 ng
RT: 8.50 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF080510.D
Acq: 16 Jul 2015 14:56

Tgt Ion:225 Resp: 1865
Ion Ratio Lower Upper
225 100
223 64.3 50.2 75.2
227 57.7 52.2 78.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

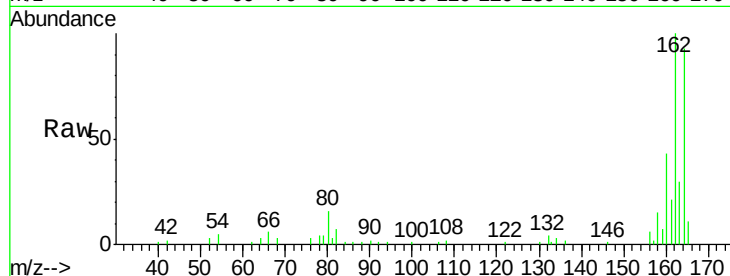
Tgt Ion:164 Resp: 35841

Ion Ratio Lower Upper

164 100

162 107.7 75.2 112.8

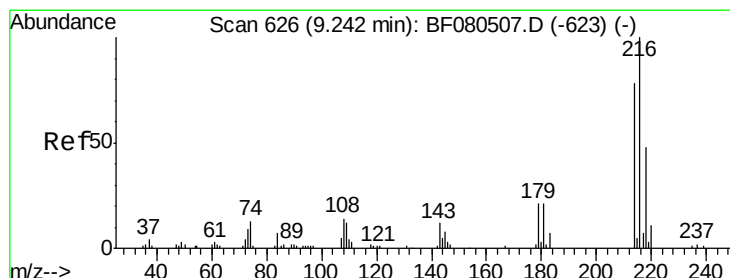
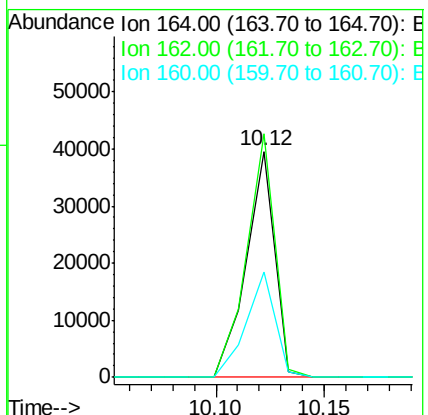
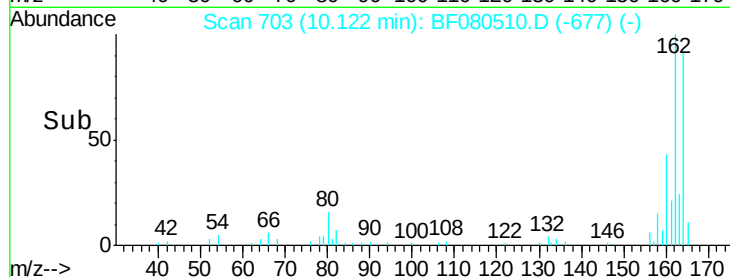
160 46.7 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.70 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

Tgt Ion:216 Resp: 2715

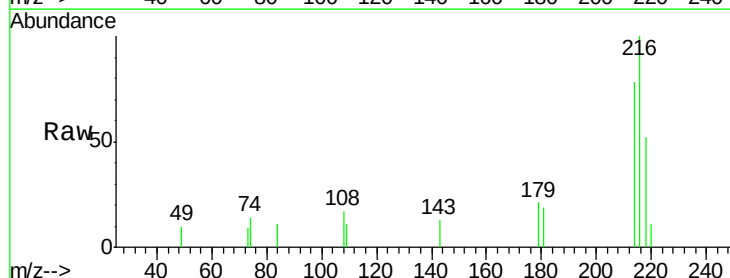
Ion Ratio Lower Upper

216 100

214 82.0 63.5 95.3

179 19.3 16.6 24.8

108 15.0 16.3 24.5#

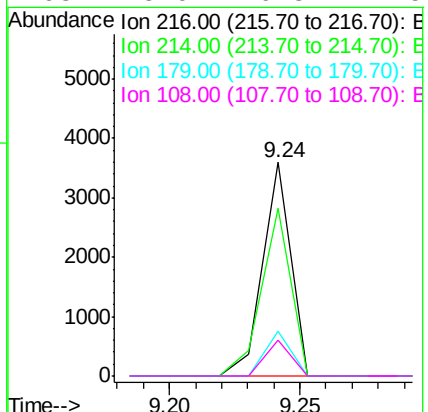
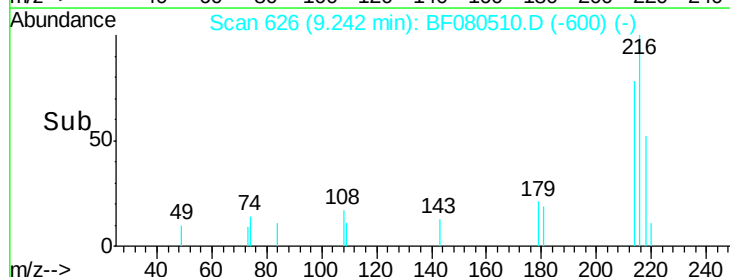


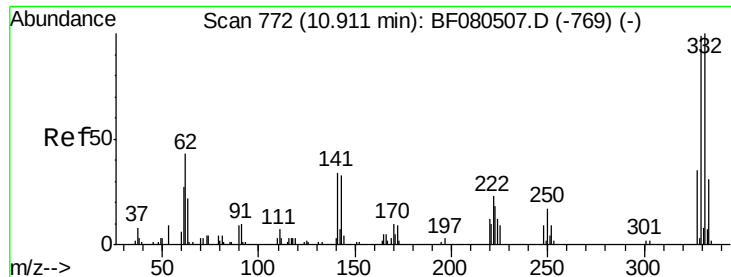
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

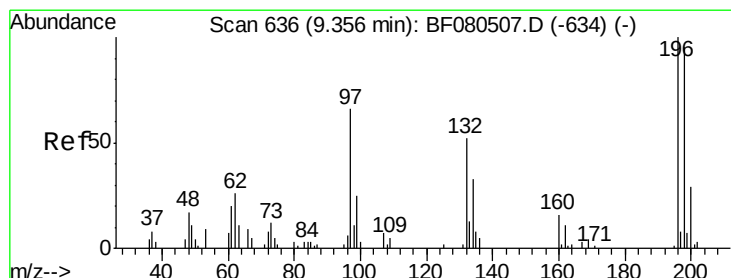
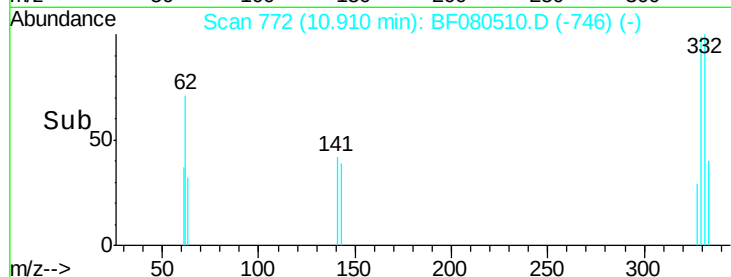
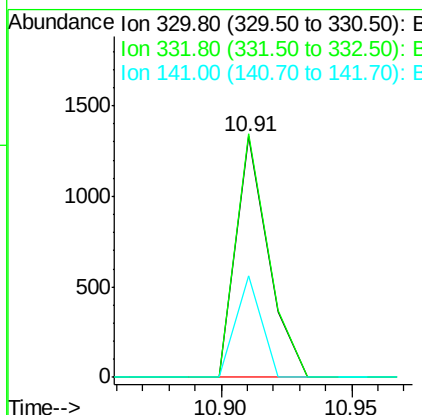
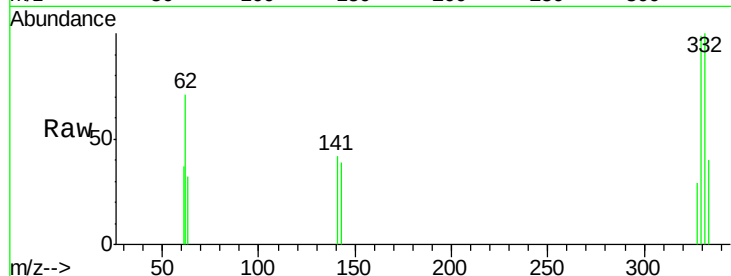




#41
 2,4,6-Tribromophenol
 Concen: 4.26 ng
 RT: 10.91 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF080510.D
 Acq: 16 Jul 2015 14:56

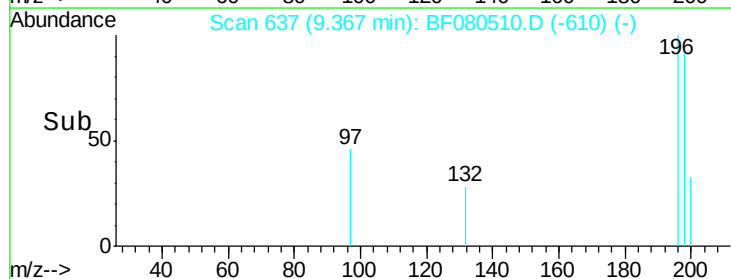
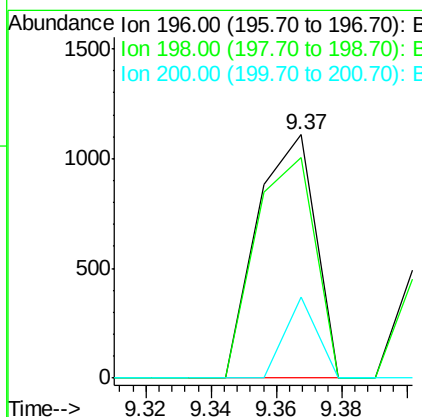
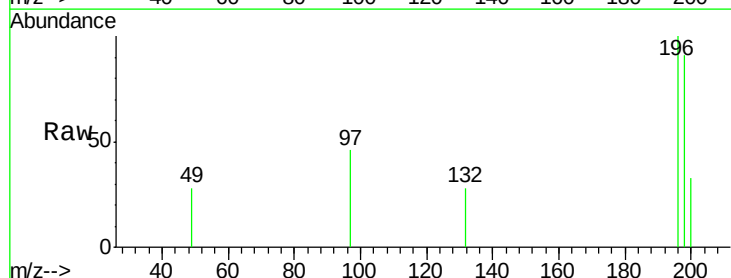
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

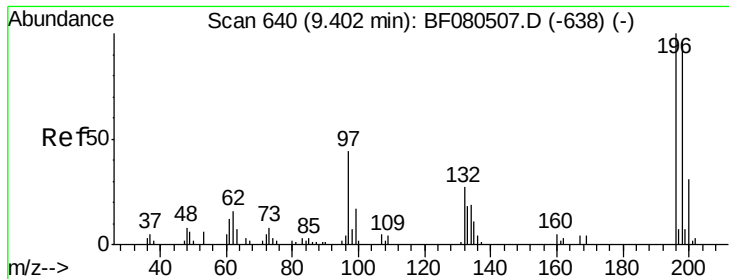
Tgt Ion:330 Resp: 1162
 Ion Ratio Lower Upper
 330 100
 332 101.1 76.6 114.8
 141 33.1 29.7 44.5



#42
 2,4,6-Trichlorophenol
 Concen: 2.06 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.01 min
 Lab File: BF080510.D
 Acq: 16 Jul 2015 14:56

Tgt Ion:196 Resp: 1365
 Ion Ratio Lower Upper
 196 100
 198 90.5 75.7 113.5
 200 33.2 23.9 35.9

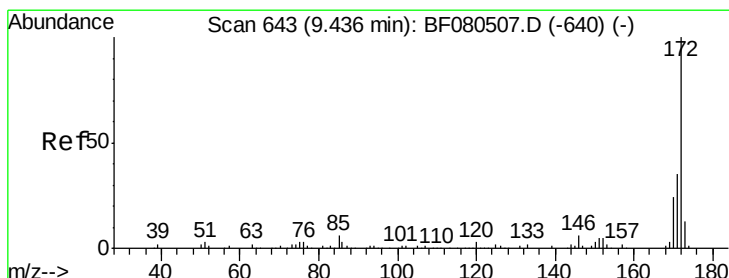
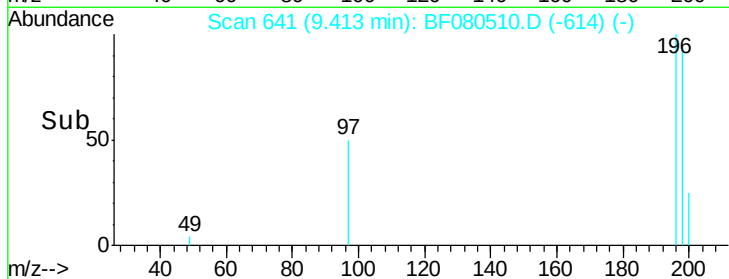
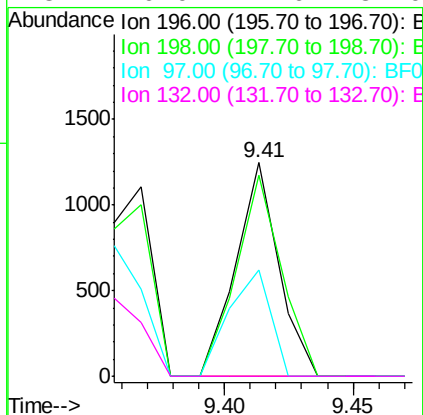
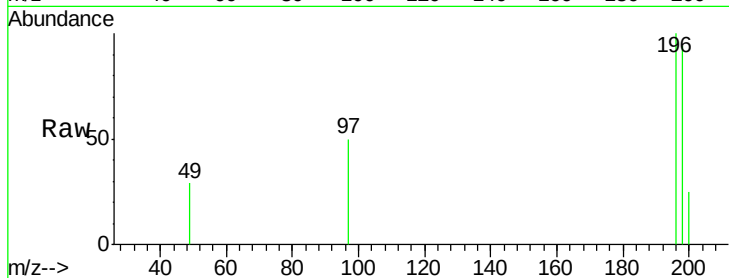




#43
 2,4,5-Trichlorophenol
 Concen: 2.09 ng m
 RT: 9.41 min Scan# 641
 Delta R.T. 0.01 min
 Lab File: BF080510.D
 Acq: 16 Jul 2015 14:56

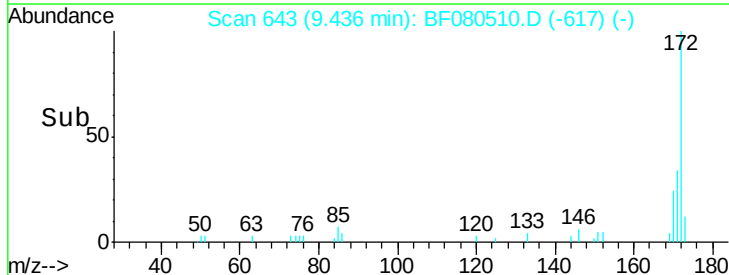
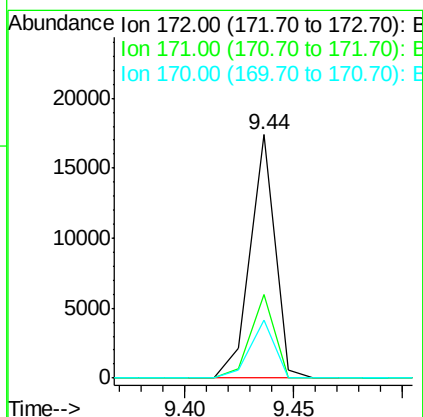
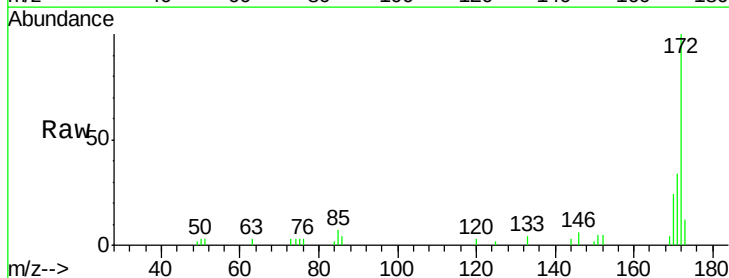
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

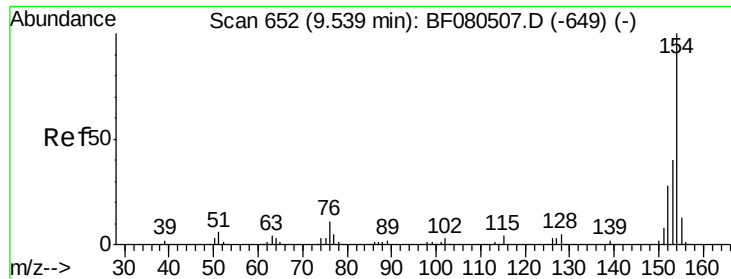
Tgt Ion:196 Resp: 1445
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.4 113.0
 97 49.9 33.3 49.9
 132 0.0 24.6 37.0#



#44
 2-Fluorobiphenyl
 Concen: 4.54 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF080510.D
 Acq: 16 Jul 2015 14:56

Tgt Ion:172 Resp: 13761
 Ion Ratio Lower Upper
 172 100
 171 34.2 26.1 39.1
 170 23.9 17.4 26.2

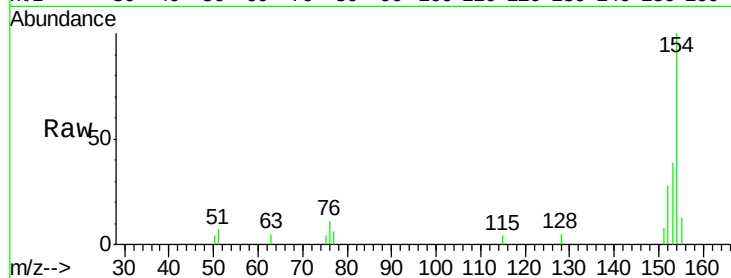




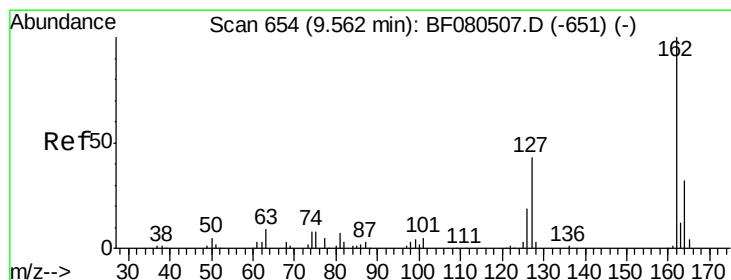
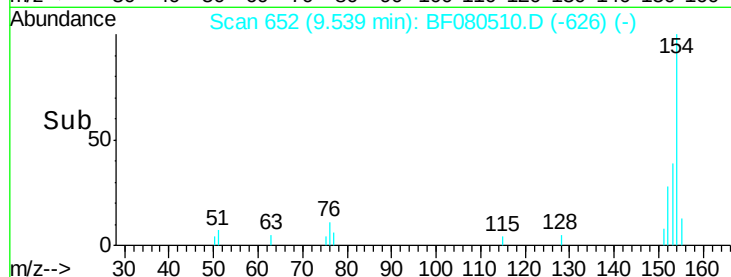
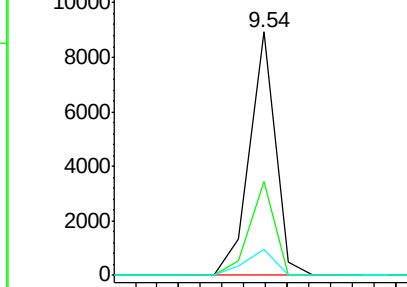
#45
 1,1'-Biphenyl
 Concen: 2.13 ng
 RT: 9.54 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BF080510.D
 Acq: 16 Jul 2015 14:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion:	154	Resp:	7378
Ion	Ratio	Lower	Upper
154	100		
153	38.7	17.1	57.1
76	10.8	0.0	31.6

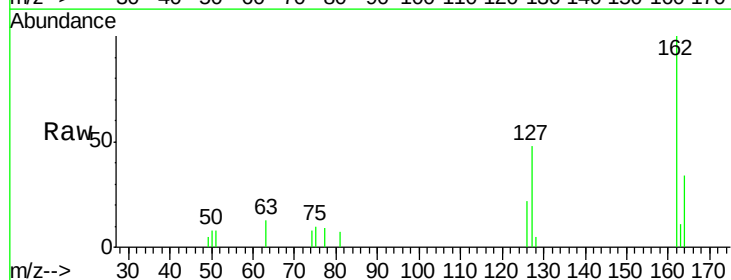


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

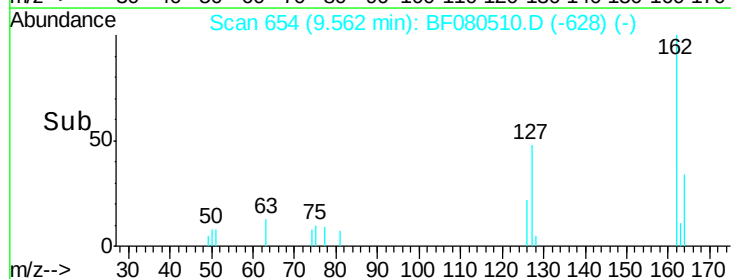
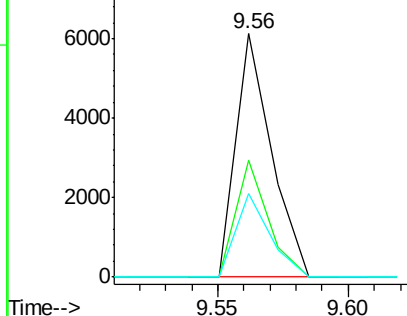


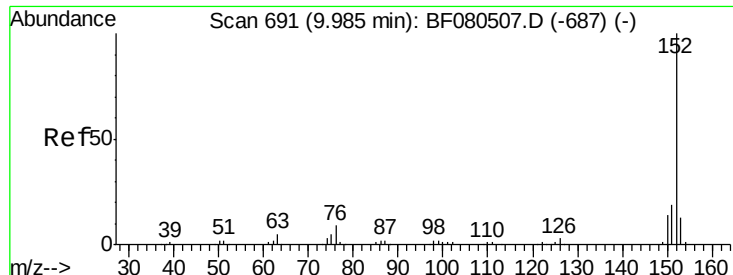
#46
 2-Chloronaphthalene
 Concen: 2.47 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF080510.D
 Acq: 16 Jul 2015 14:56

Tgt Ion:	162	Resp:	5803
Ion	Ratio	Lower	Upper
162	100		
127	47.9	27.6	41.4#
164	34.3	25.4	38.2



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





#48

Acenaphthylene

Concen: 2.04 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

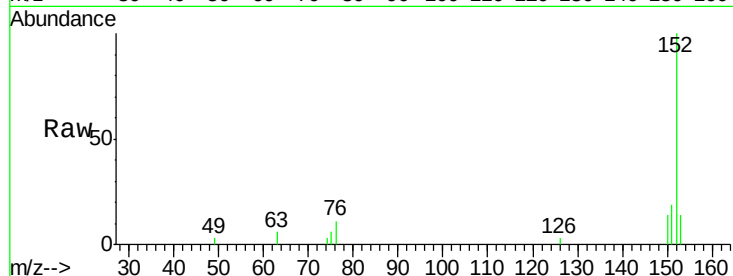
Tgt Ion:152 Resp: 8493

Ion Ratio Lower Upper

152 100

151 19.4 14.6 22.0

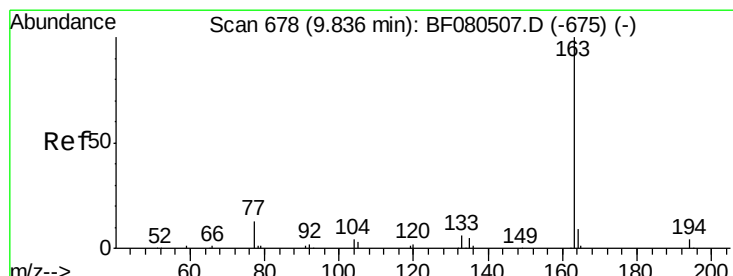
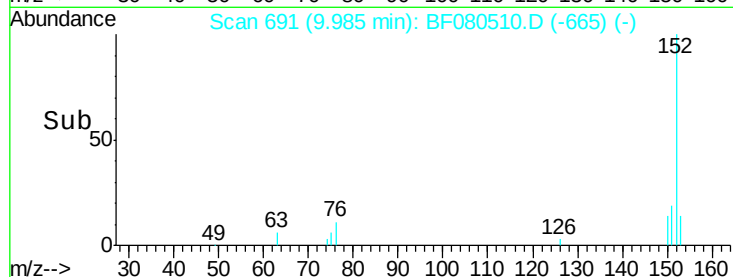
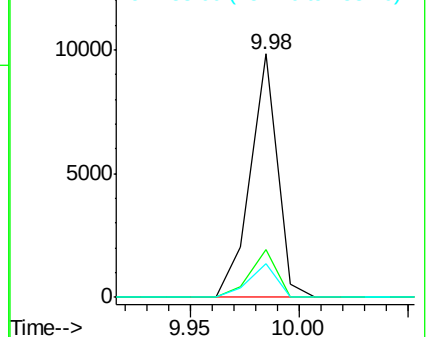
153 13.7 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 2.34 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

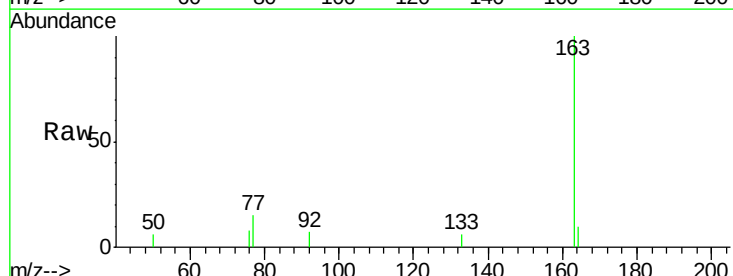
Tgt Ion:163 Resp: 5635

Ion Ratio Lower Upper

163 100

194 0.0 4.4 6.6#

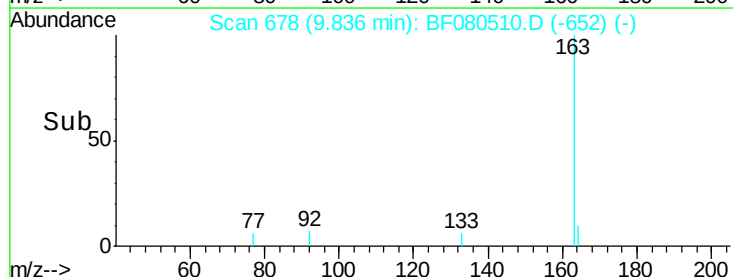
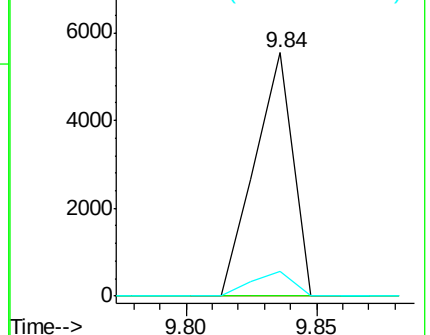
164 10.2 8.3 12.5

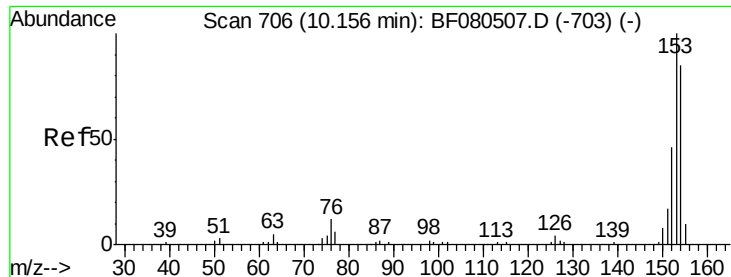


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 2.03 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

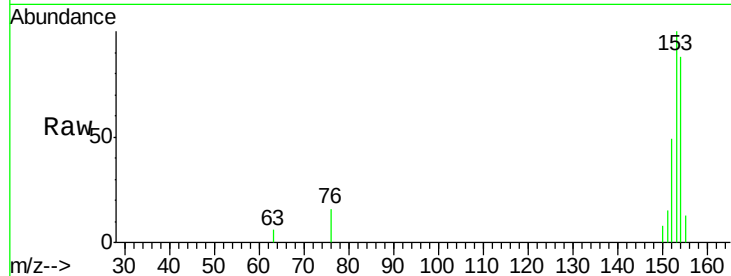
Tgt Ion:154 Resp: 5209

Ion Ratio Lower Upper

154 100

153 113.9 82.1 123.1

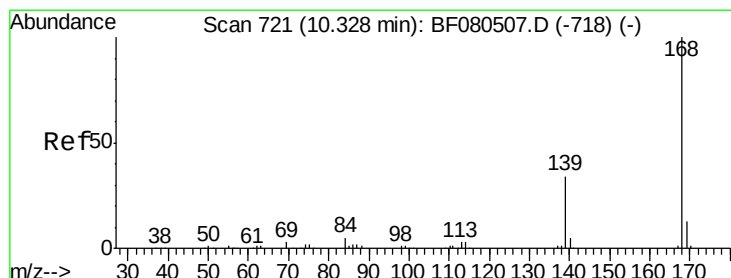
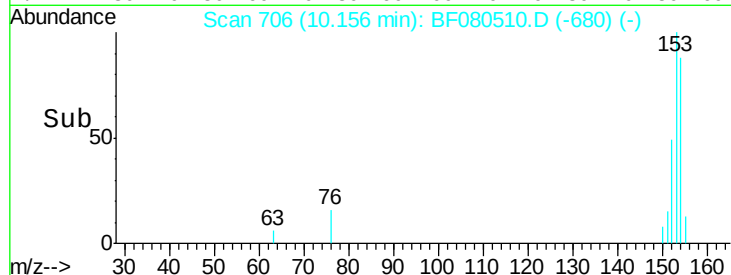
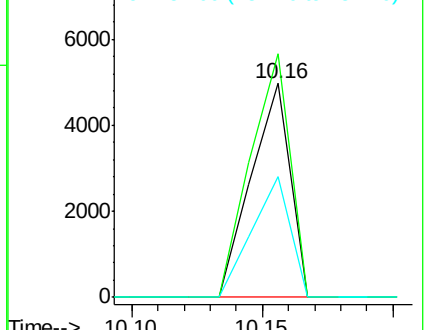
152 56.3 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.43 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

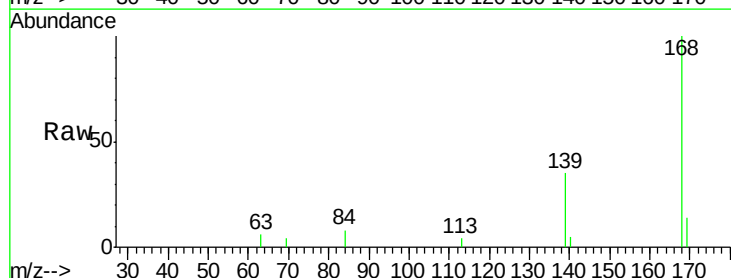
Tgt Ion:168 Resp: 7886

Ion Ratio Lower Upper

168 100

139 34.9 24.2 36.2

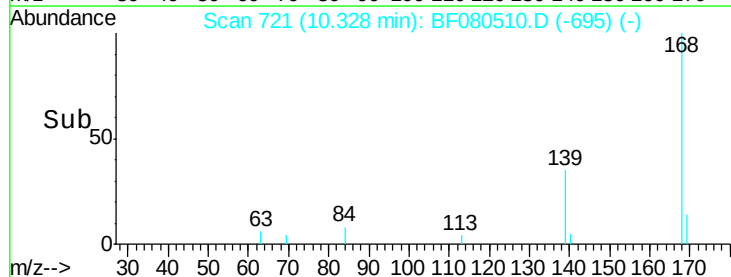
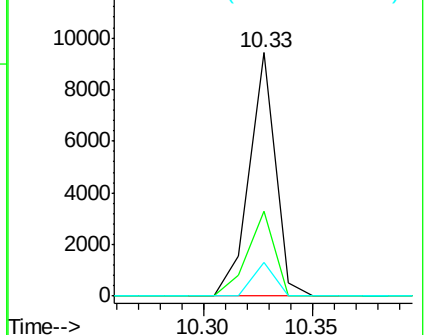
169 14.0 10.6 15.8

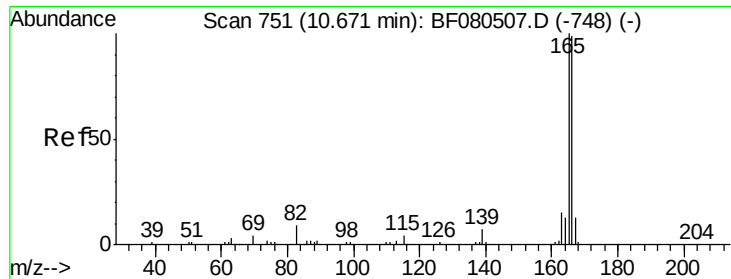


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 2.18 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

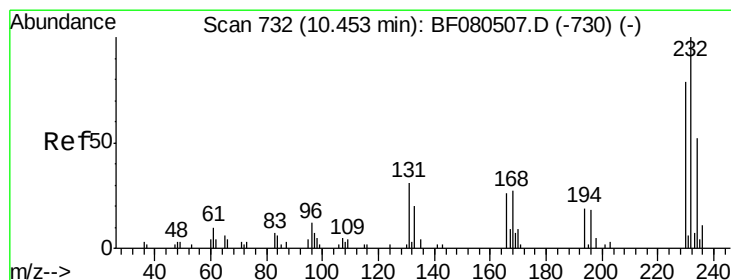
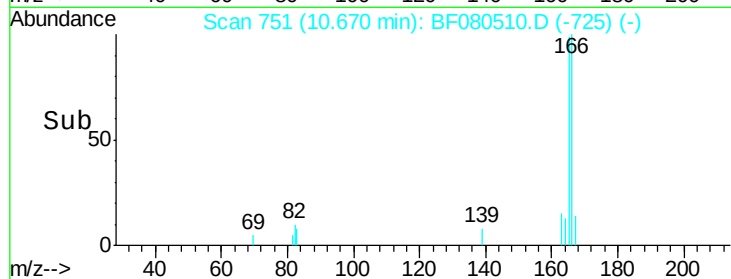
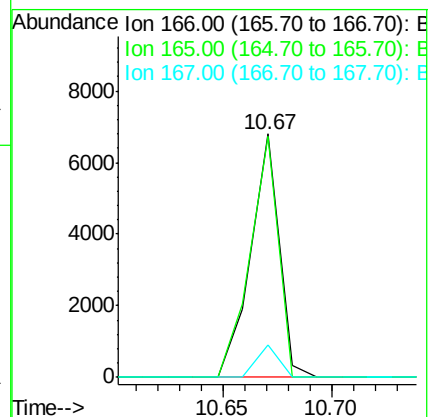
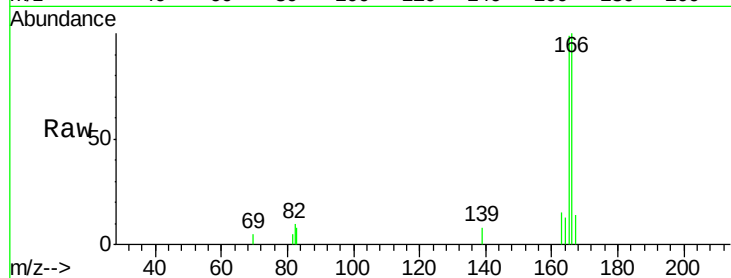
Tgt Ion:166 Resp: 6200

Ion Ratio Lower Upper

166 100

165 99.2 72.6 109.0

167 13.6 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.18 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

Tgt Ion:232 Resp: 1132

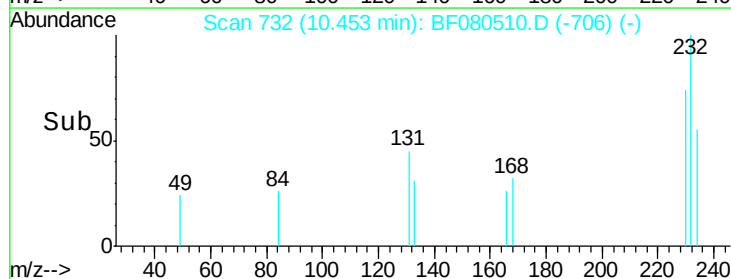
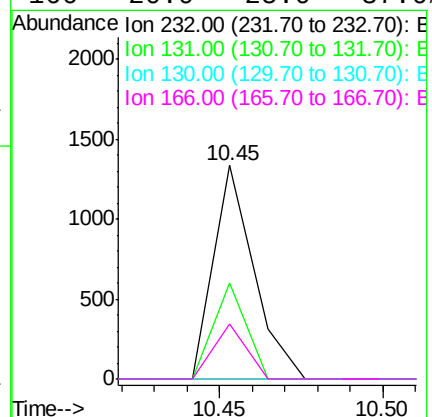
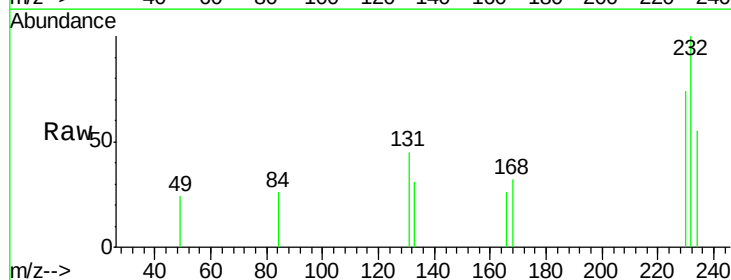
Ion Ratio Lower Upper

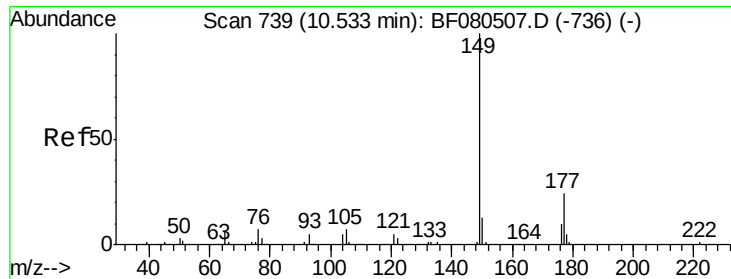
232 100

131 36.6 38.5 57.7#

130 0.0 1.8 2.6#

166 20.9 25.0 37.6#

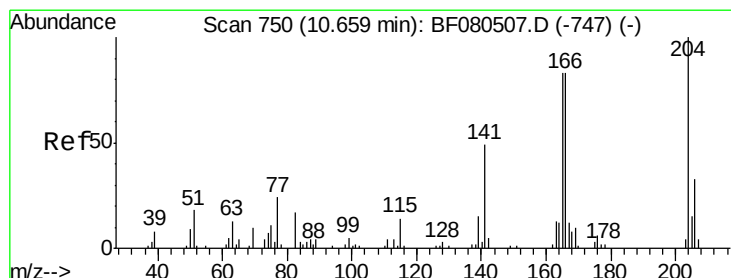
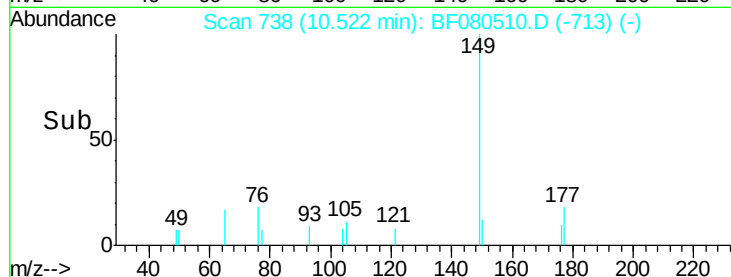
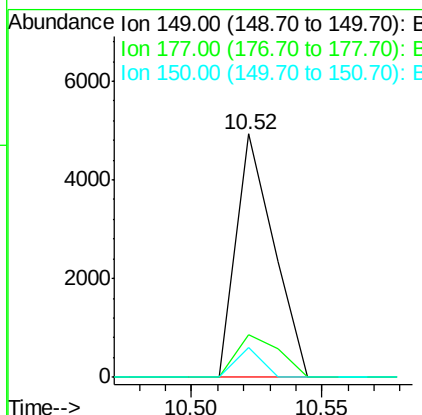
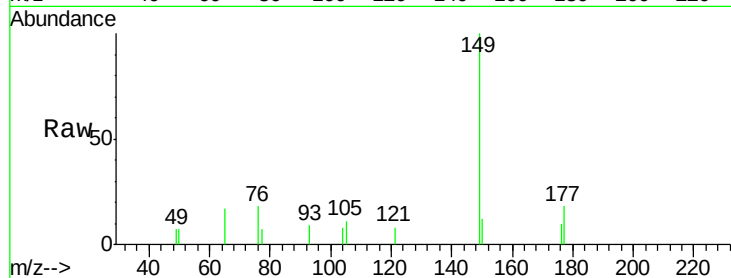




#59
Diethylphthalate
Concen: 2.07 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF080510.D
Acq: 16 Jul 2015 14:56

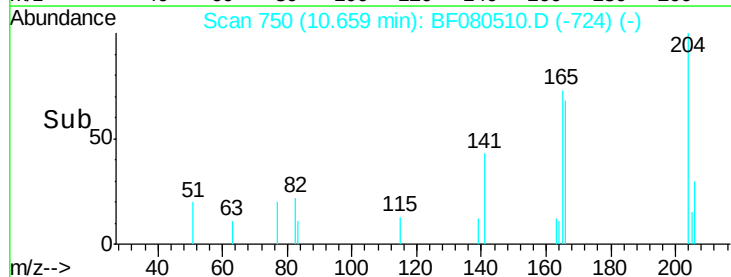
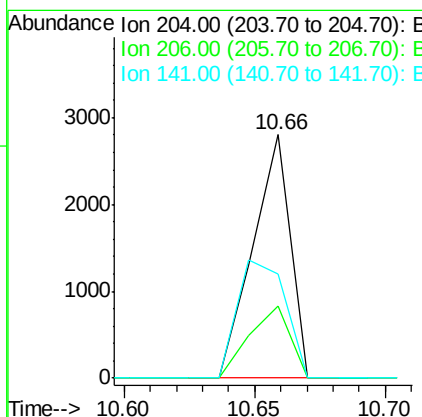
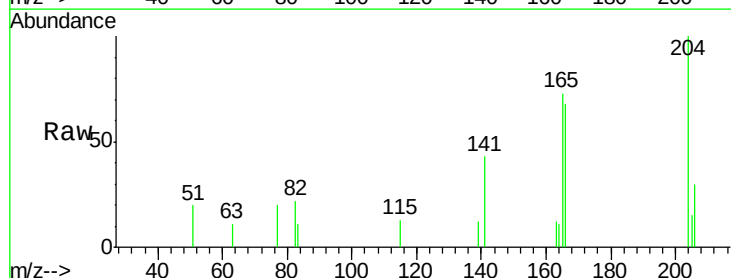
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

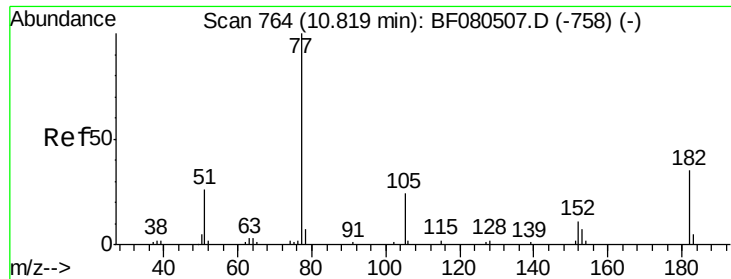
Tgt Ion:149 Resp: 4990
Ion Ratio Lower Upper
149 100
177 17.7 17.5 26.3
150 12.1 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 2.50 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF080510.D
Acq: 16 Jul 2015 14:56

Tgt Ion:204 Resp: 2812
Ion Ratio Lower Upper
204 100
206 29.8 24.8 37.2
141 42.5 42.2 63.4





#62

Azobenzene

Concen: 2.30 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

Tgt Ion: 77 Resp: 5093

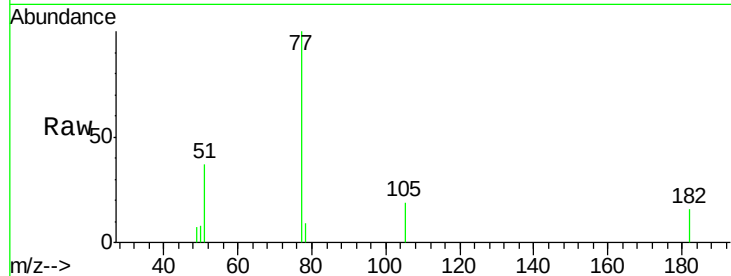
Ion Ratio Lower Upper

77 100

182 15.6 15.1 55.1

105 18.9 3.4 43.4

51 37.4 12.0 52.0

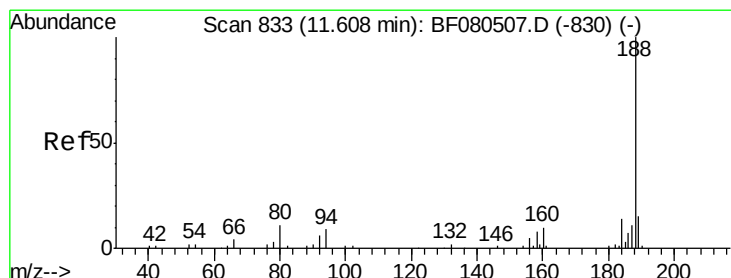
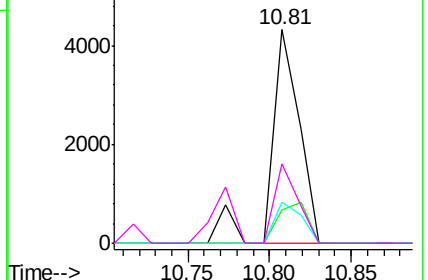
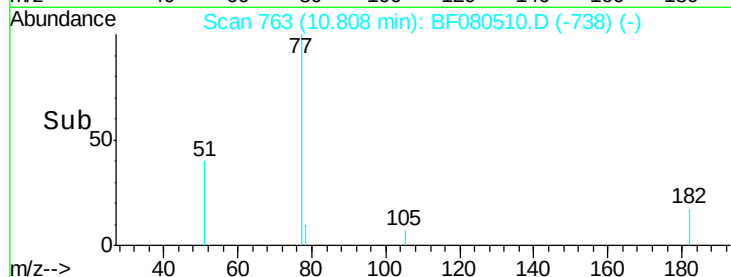


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.61 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

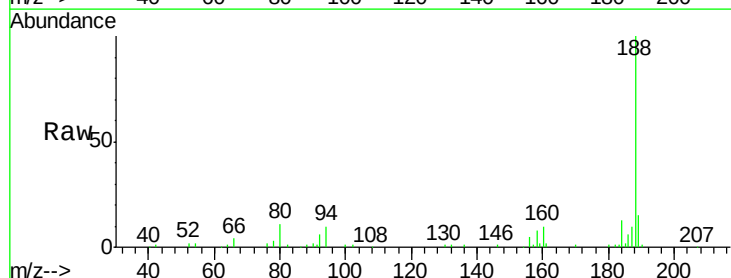
Tgt Ion: 188 Resp: 72392

Ion Ratio Lower Upper

188 100

94 10.1 11.1 16.7#

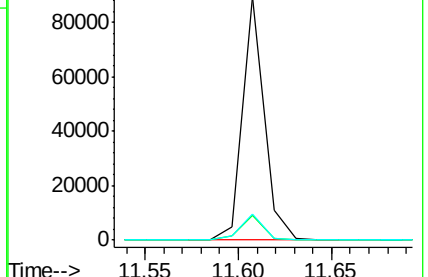
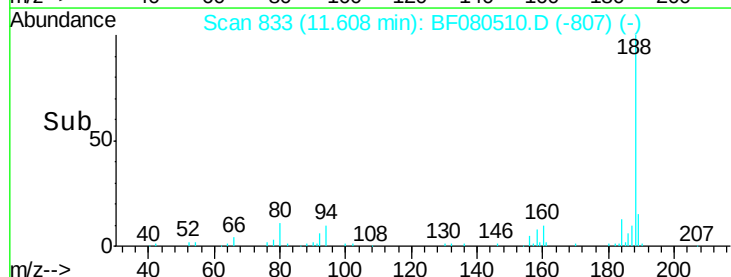
80 10.6 11.0 16.4#

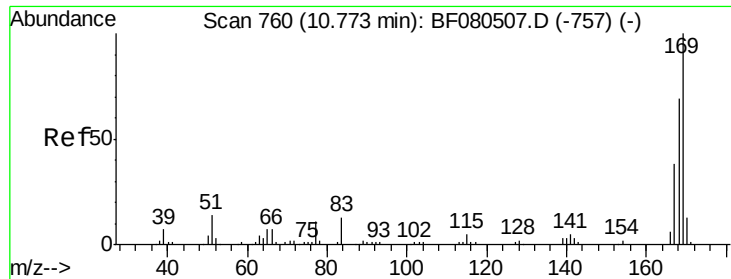


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

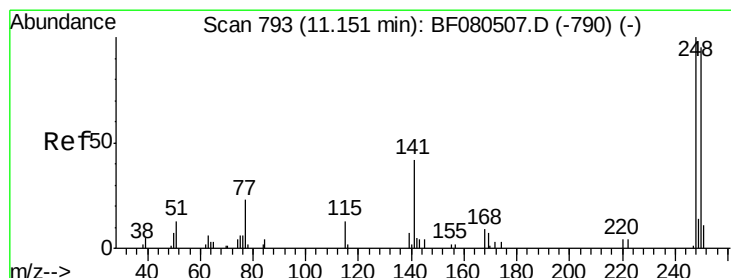
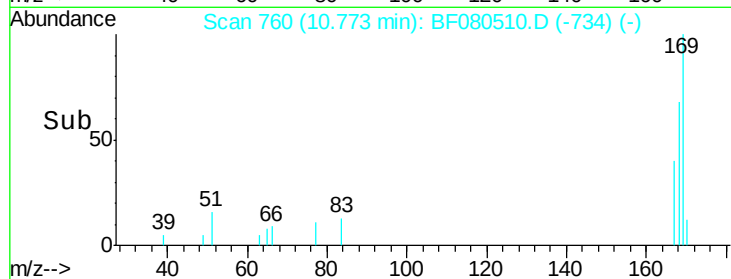
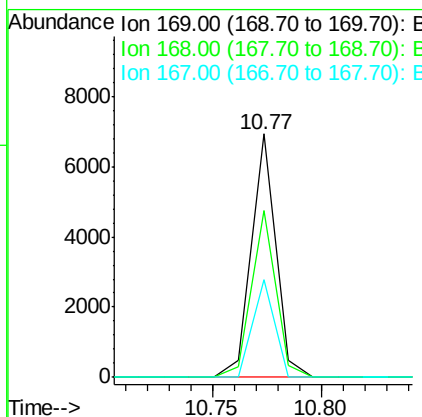
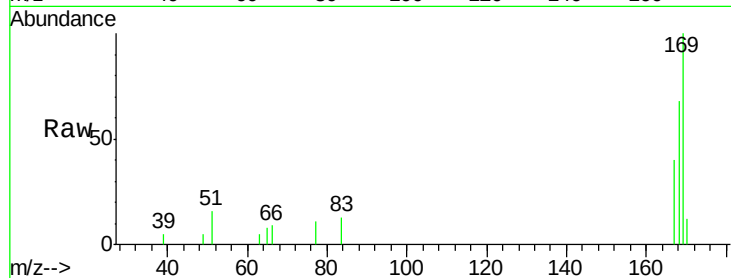




#65
 n-Nitrosodiphenylamine
 Concen: 2.03 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF080510.D
 Acq: 16 Jul 2015 14:56

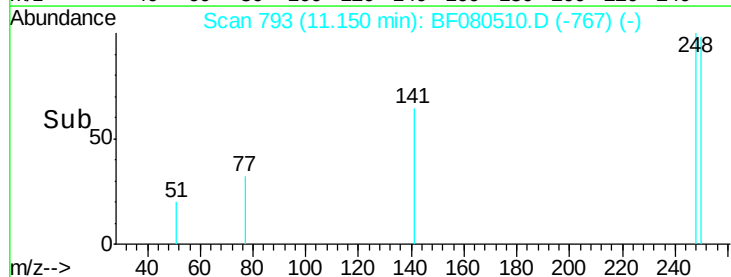
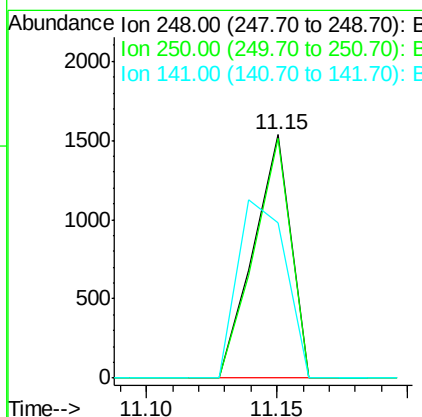
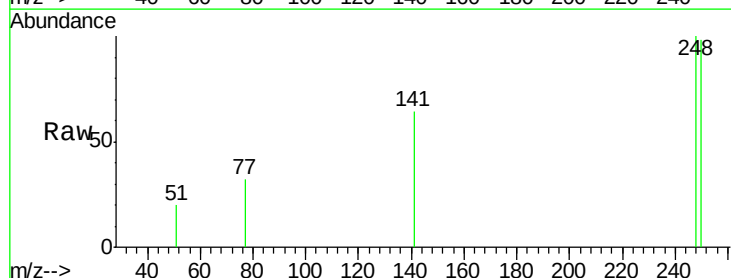
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

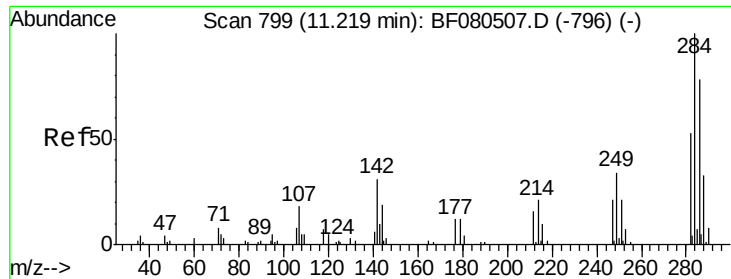
Tgt Ion:169 Resp: 5425
 Ion Ratio Lower Upper
 169 100
 168 68.3 48.9 73.3
 167 40.1 26.2 39.4#



#66
 4-Bromophenyl-phenylether
 Concen: 2.27 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF080510.D
 Acq: 16 Jul 2015 14:56

Tgt Ion:248 Resp: 1519
 Ion Ratio Lower Upper
 248 100
 250 98.3 78.5 117.7
 141 64.0 59.0 88.6





#67

Hexachlorobenzene

Concen: 2.32 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

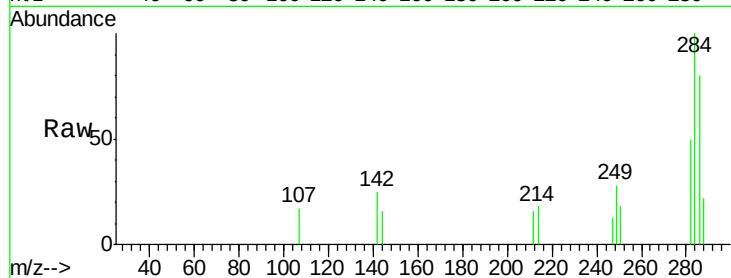
Tgt Ion: 284 Resp: 1676

Ion Ratio Lower Upper

284 100

142 25.2 29.5 44.3#

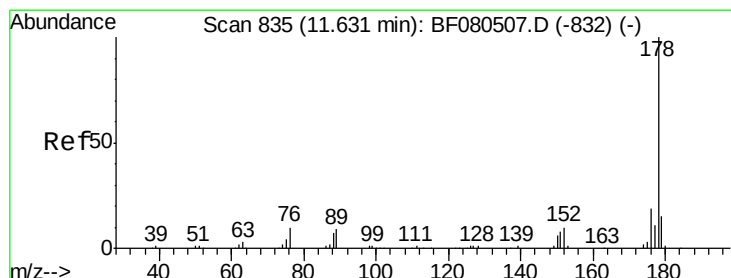
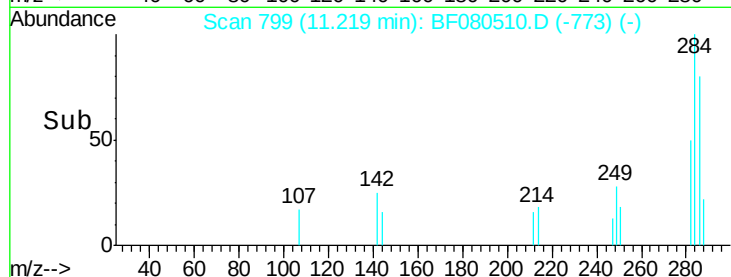
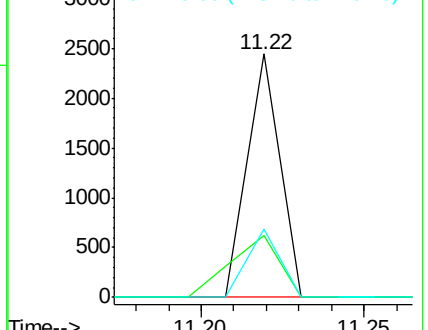
249 27.9 19.5 29.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#70

Phenanthrene

Concen: 2.22 ng

RT: 11.63 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

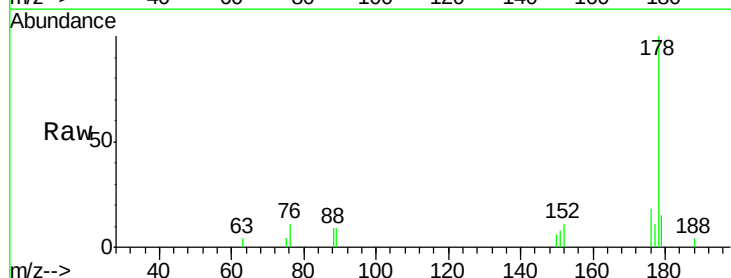
Tgt Ion: 178 Resp: 9902

Ion Ratio Lower Upper

178 100

176 18.5 13.8 20.8

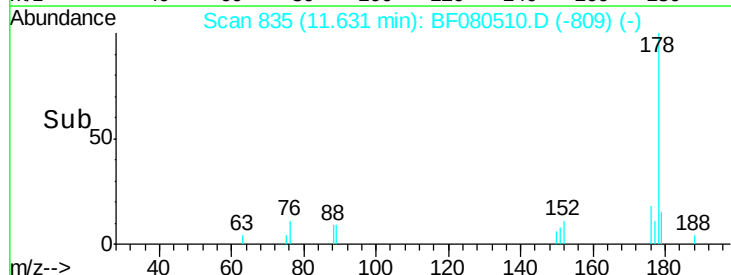
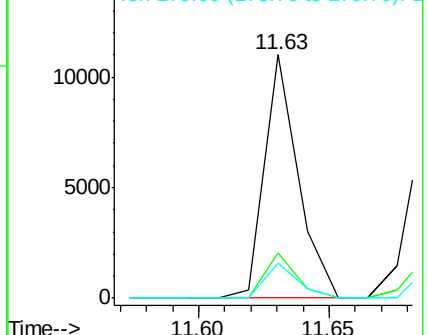
179 14.6 12.2 18.2

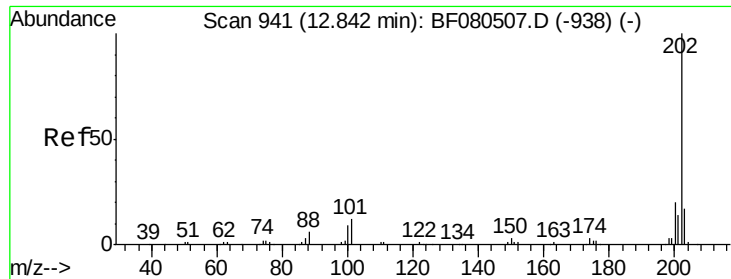


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

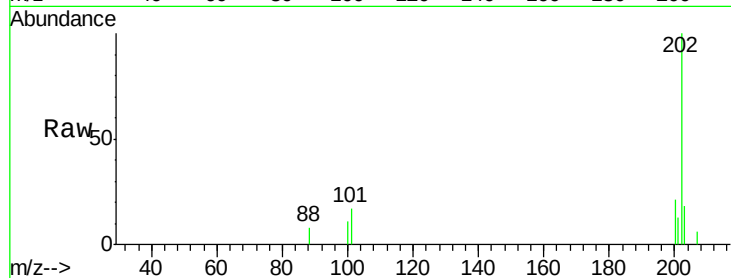




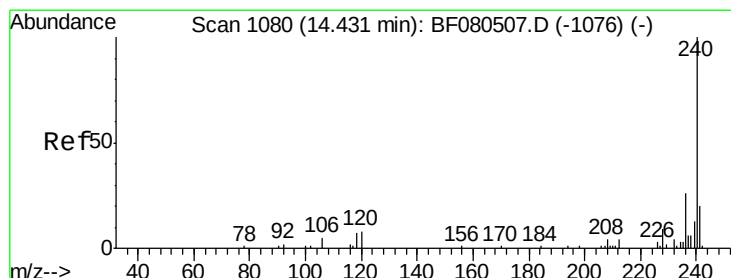
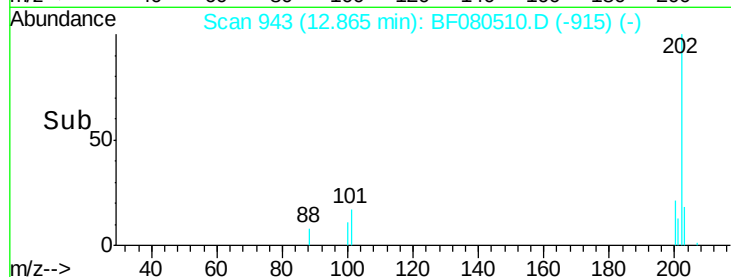
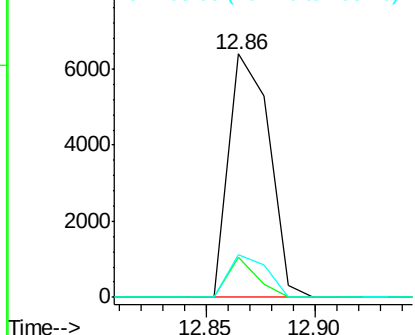
#74
 Fluoranthene
 Concen: 2.16 ng
 RT: 12.86 min Scan# 943
 Delta R.T. 0.02 min
 Lab File: BF080510.D
 Acq: 16 Jul 2015 14:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 202 Resp: 8231
 Ion Ratio Lower Upper
 202 100
 101 16.7 0.0 38.3
 203 17.6 0.0 37.3

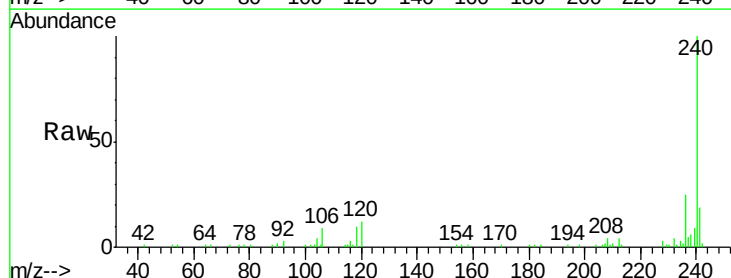


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

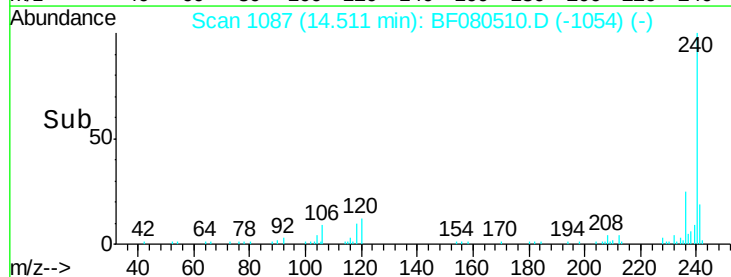
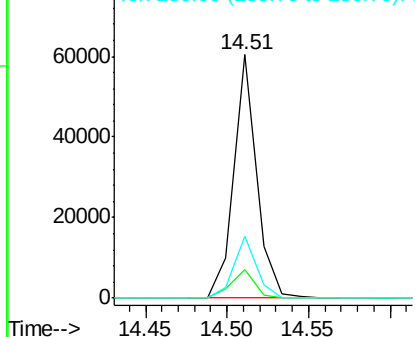


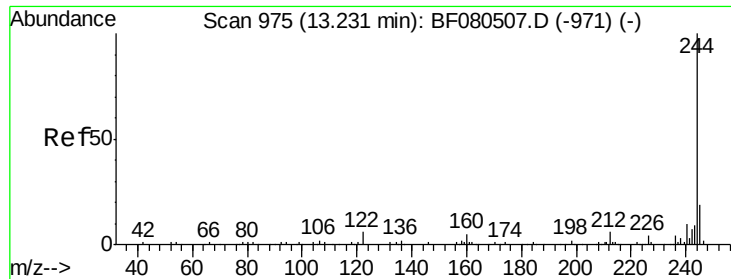
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. 0.08 min
 Lab File: BF080510.D
 Acq: 16 Jul 2015 14:56

Tgt Ion: 240 Resp: 57987
 Ion Ratio Lower Upper
 240 100
 120 11.8 16.2 24.2#
 236 25.3 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

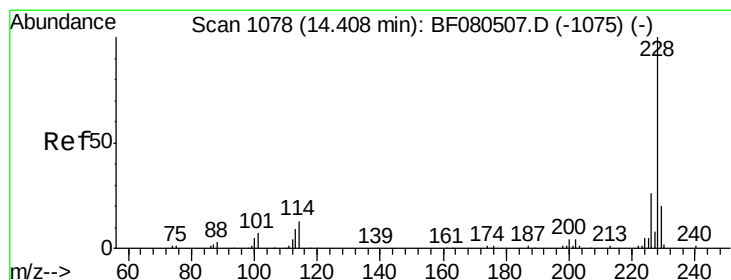
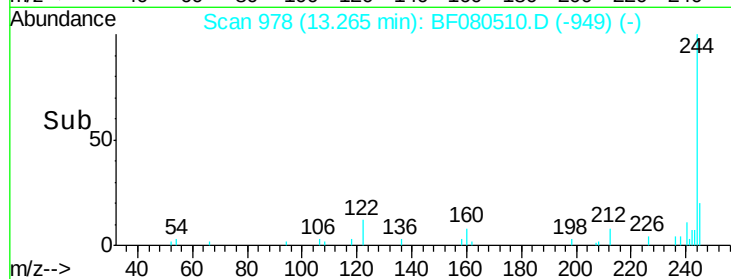
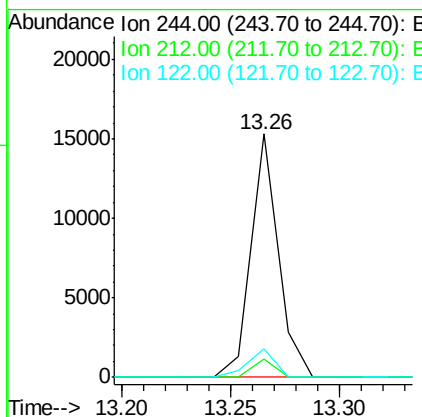
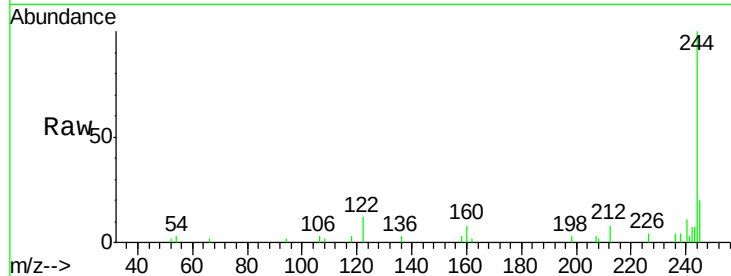




#78
 Terphenyl-d14
 Concen: 4.58 ng
 RT: 13.26 min Scan# 978
 Delta R.T. 0.03 min
 Lab File: BF080510.D
 Acq: 16 Jul 2015 14:56

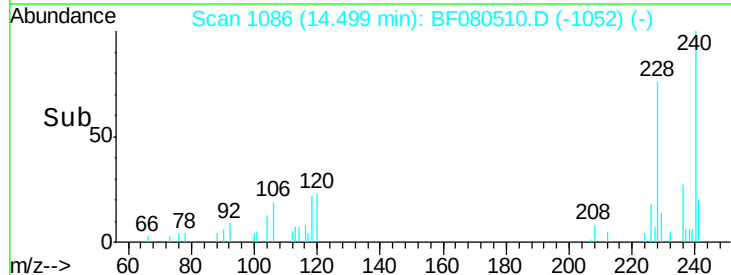
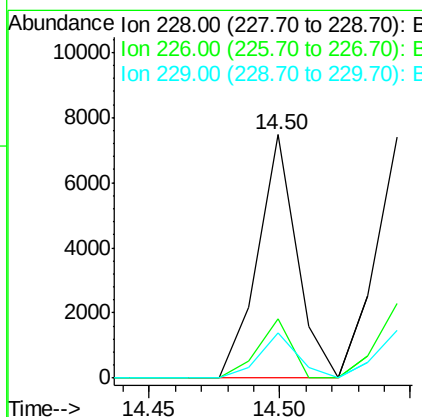
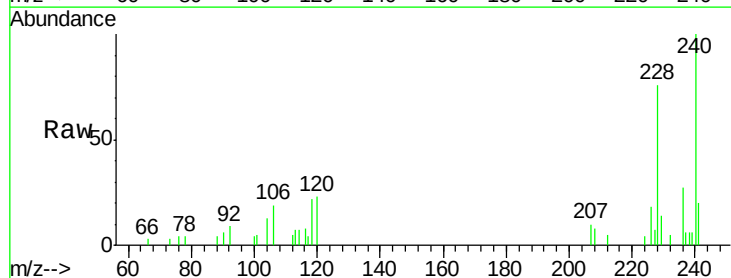
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

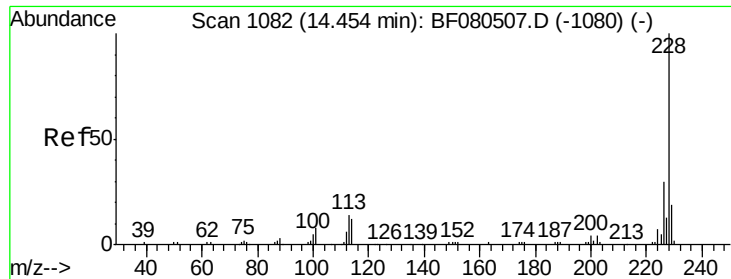
Tgt Ion: 244 Resp: 13331
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 11.6 17.4 26.2#



#80
 Benzo(a)anthracene
 Concen: 2.20 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. 0.09 min
 Lab File: BF080510.D
 Acq: 16 Jul 2015 14:56

Tgt Ion: 228 Resp: 7685
 Ion Ratio Lower Upper
 228 100
 226 24.3 20.0 30.0
 229 18.6 15.4 23.2

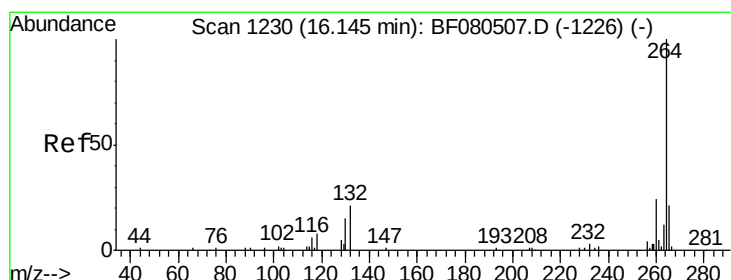
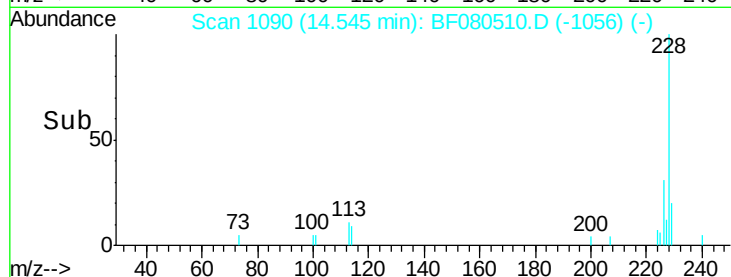
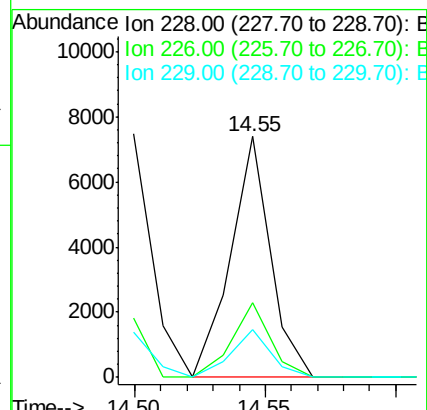
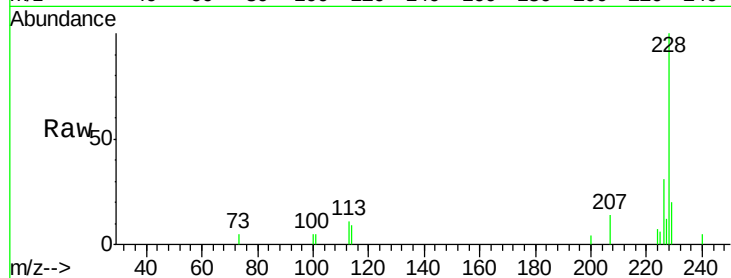




#82
Chrysene
Concen: 2.32 ng
RT: 14.55 min Scan# 1090
Delta R.T. 0.09 min
Lab File: BF080510.D
Acq: 16 Jul 2015 14:56

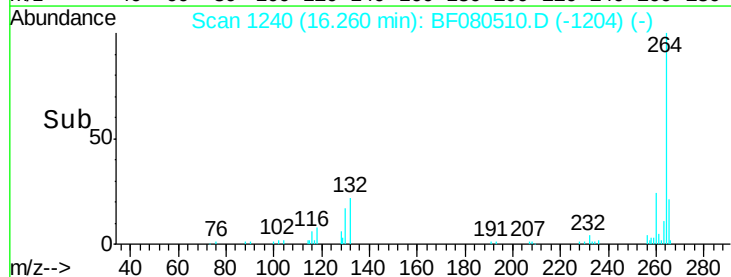
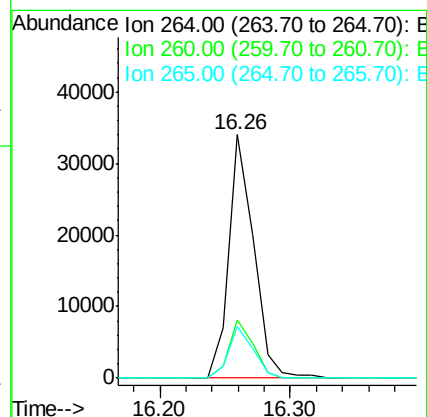
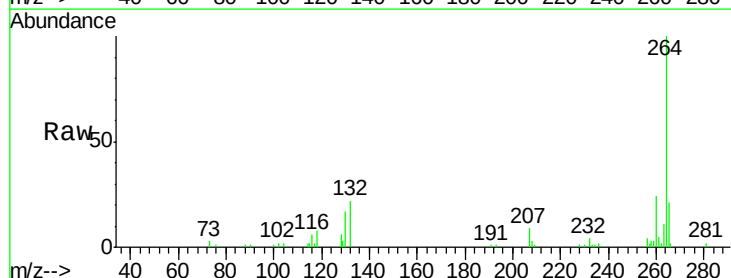
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

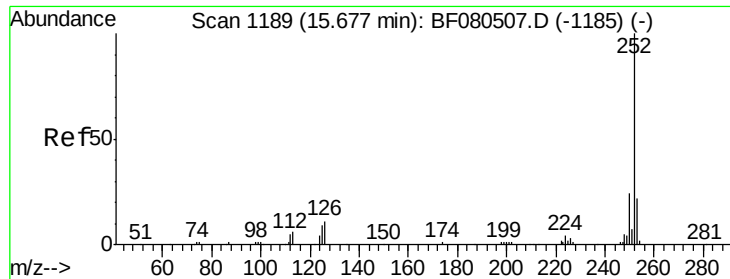
Tgt Ion: 228 Resp: 7861
Ion Ratio Lower Upper
228 100
226 31.2 21.0 31.4
229 19.7 15.6 23.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1240
Delta R.T. 0.11 min
Lab File: BF080510.D
Acq: 16 Jul 2015 14:56

Tgt Ion: 264 Resp: 45403
Ion Ratio Lower Upper
264 100
260 23.6 16.7 25.1
265 21.4 17.2 25.8

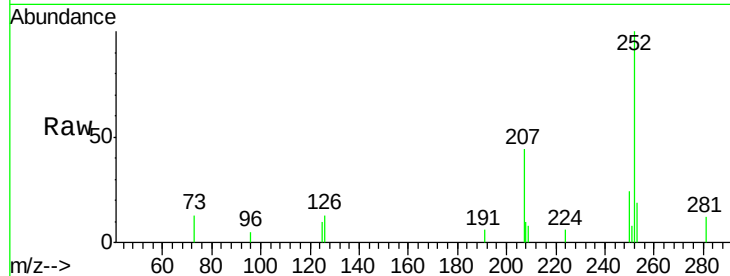




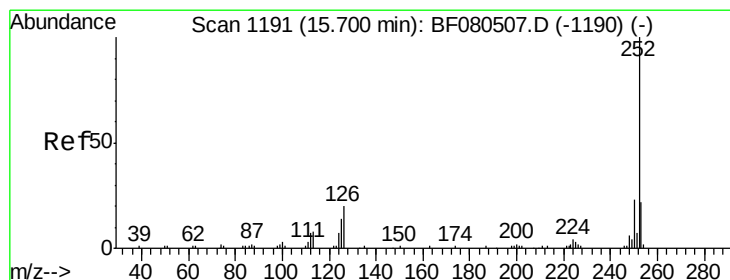
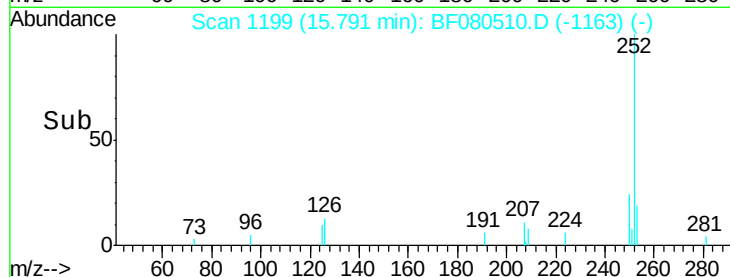
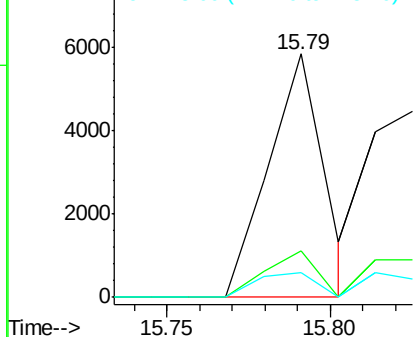
#87
Benzo(b)fluoranthene
Concen: 2.42 ng
RT: 15.79 min Scan# 1199
Delta R.T. 0.11 min
Lab File: BF080510.D
Acq: 16 Jul 2015 14:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 252 Resp: 6862
Ion Ratio Lower Upper
252 100
253 19.4 17.5 26.3
125 10.0 17.1 25.7#

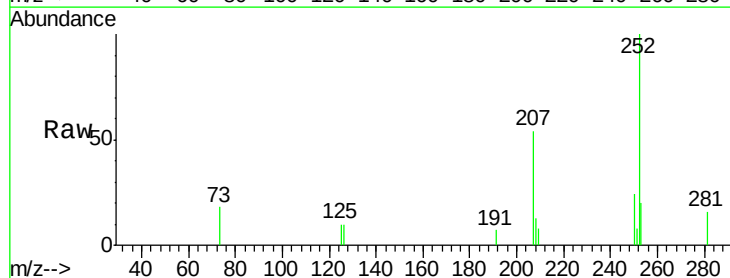


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

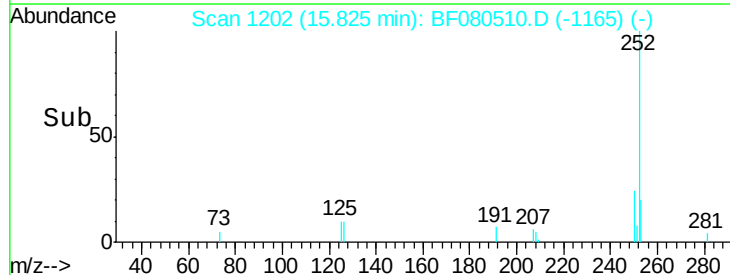
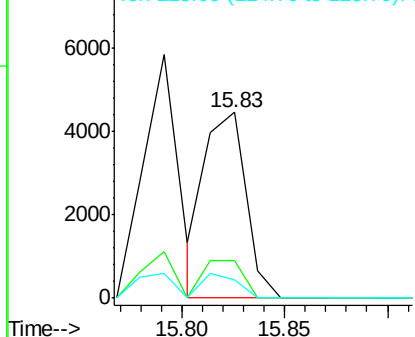


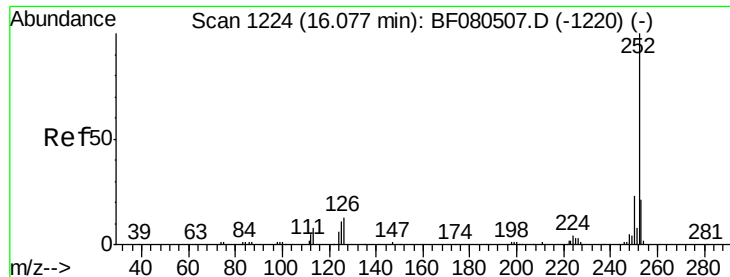
#88
Benzo(k)fluoranthene
Concen: 2.15 ng m
RT: 15.83 min Scan# 1202
Delta R.T. 0.13 min
Lab File: BF080510.D
Acq: 16 Jul 2015 14:56

Tgt Ion: 252 Resp: 6238
Ion Ratio Lower Upper
252 100
253 20.5 17.0 25.4
125 9.7 16.0 24.0#



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





#89

Benzo(a)pyrene

Concen: 2.19 ng

RT: 16.19 min Scan# 1234

Delta R.T. 0.11 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

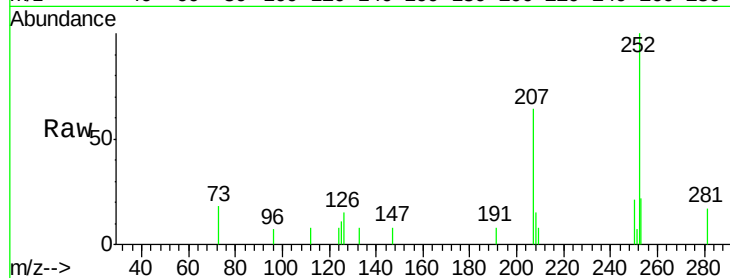
Tgt Ion: 252 Resp: 5819

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

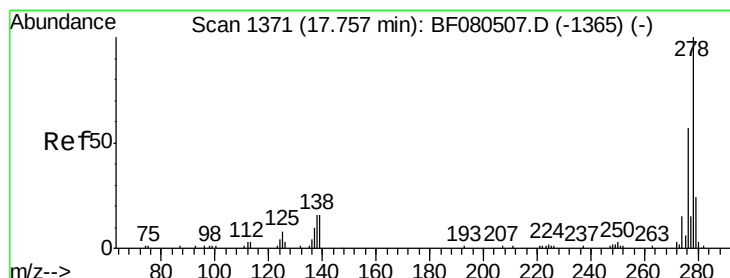
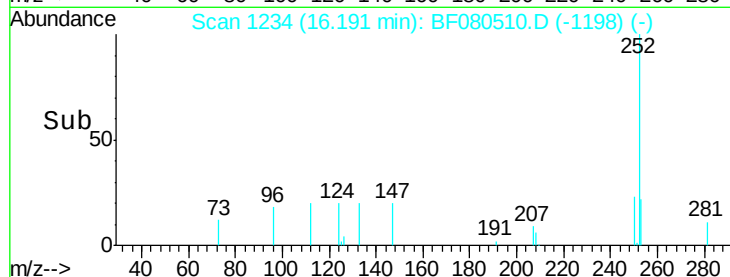
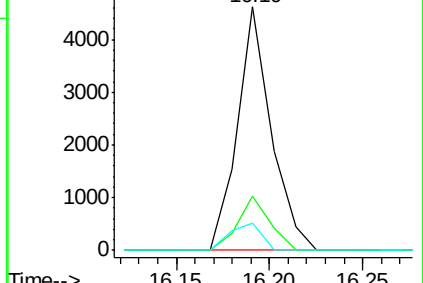
125 11.5 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 2.61 ng

RT: 17.88 min Scan# 1382

Delta R.T. 0.13 min

Lab File: BF080510.D

Acq: 16 Jul 2015 14:56

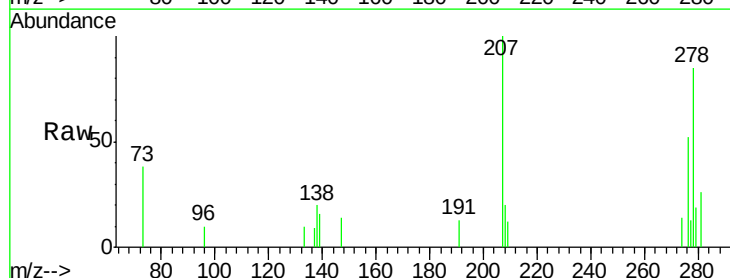
Tgt Ion: 278 Resp: 6007

Ion Ratio Lower Upper

278 100

139 18.9 26.3 39.5#

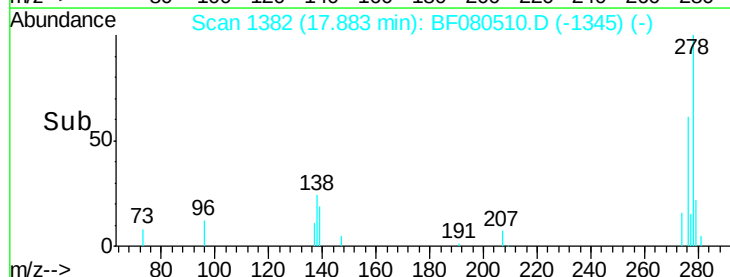
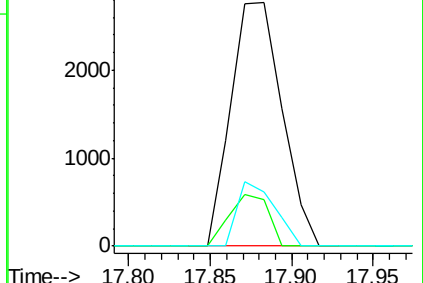
279 22.0 18.2 27.4

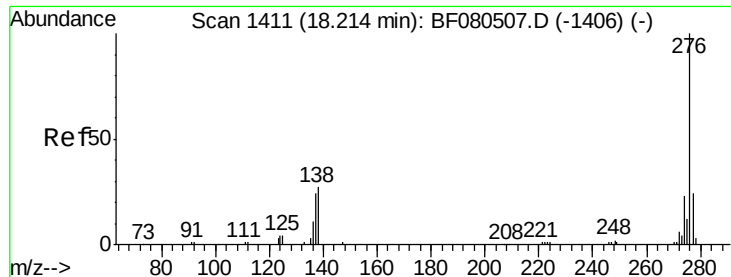


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 2.55 ng

RT: 18.34 min Scan# 1422

Delta R.T. 0.13 min

Lab File: BF080510.D

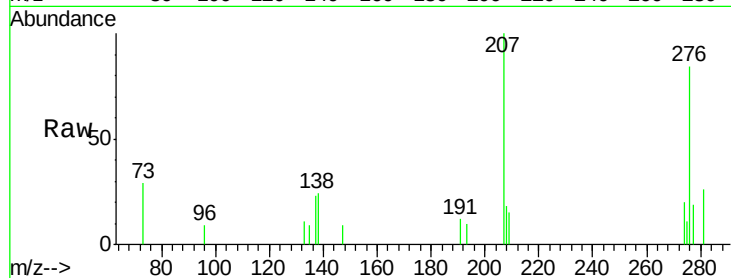
Acq: 16 Jul 2015 14:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion: 276 Resp: 5995

Ion Ratio Lower Upper

276 100

277 22.3 17.8 26.6

138 29.1 34.6 51.8#

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

