

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070715\
 Data File : BF080380.D
 Acq On : 7 Jul 2015 19:29
 Operator : TP/UM
 Sample : G2906-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

Quant Time: Jul 08 01:40:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 03:05:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	36948	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	139944	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	68658	20.00	ng	0.00
63) Phenanthrene-d10	11.79	188	145812	20.00	ng	0.00
75) Chrysene-d12	14.73	240	154324	20.00	ng	-0.01
86) Perylene-d12	16.58	264	145736	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	305644	151.50	ng	0.00
7) Phenol-d6	6.84	99	404685	151.33	ng	0.01
23) Nitrobenzene-d5	7.79	82	233585	97.35	ng	0.00
41) 2,4,6-Tribromophenol	11.08	330	104486	145.44	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	436068	85.71	ng	0.00
78) Terphenyl-d14	13.46	244	516885	78.12	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.02	88	35150	36.90	ng	92
3) Pyridine	3.87	79	100337	41.39	ng	97
4) n-Nitrosodimethylamine	3.78	42	48990	43.01	ng	95
6) Aniline	6.89	93	101503	27.41	ng	99
8) 2-Chlorophenol	7.01	128	106937	45.73	ng	99
9) Benzaldehyde	6.77	77	56546	38.02	ng	98
10) Phenol	6.85	94	139588	48.14	ng	95
11) bis(2-Chloroethyl)ether	6.94	93	97273	44.47	ng	98
12) 1,3-Dichlorobenzene	7.17	146	121208	42.22	ng	99
13) 1,4-Dichlorobenzene	7.17	146	121208	45.21	ng	94
14) 1,2-Dichlorobenzene	7.40	146	119330	43.98	ng	98
15) Benzyl Alcohol	7.36	79	95491	46.13	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.49	45	154562	43.70	ng	99
17) 2-Methylphenol	7.47	107	80512	44.42	ng	97
18) Hexachloroethane	7.74	117	36285	42.12	ng	# 63
19) n-Nitroso-di-n-propylamine	7.62	70	72162	41.59	ng	# 79
20) 3+4-Methylphenols	7.62	107	115189	45.59	ng	96
22) Acetophenone	7.63	105	154386	47.82	ng	# 97
24) Nitrobenzene	7.80	77	110825	45.98	ng	98
25) Isophorone	8.04	82	212739	46.07	ng	99
26) 2-Nitrophenol	8.13	139	47476	45.52	ng	97
27) 2,4-Dimethylphenol	8.16	122	97191	47.36	ng	98
28) bis(2-Chloroethoxy)methane	8.25	93	135593	47.27	ng	99
29) 2,4-Dichlorophenol	8.37	162	88726	48.70	ng	97
30) 1,2,4-Trichlorobenzene	8.46	180	92683	42.80	ng	97
31) Naphthalene	8.54	128	311509	43.40	ng	100
32) Benzoic acid	8.20	122	18541	22.38	ng	91
33) 4-Chloroaniline	8.58	127	80920	28.28	ng	96
34) Hexachlorobutadiene	8.66	225	55910	42.44	ng	98
35) Caprolactam	8.91	113	24489	43.52	ng	# 84
36) 4-Chloro-3-methylphenol	9.06	107	83915	44.64	ng	# 69
37) 2-Methylnaphthalene	9.23	142	197045	43.06	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	91092	41.86	ng	98
40) Hexachlorocyclopentadiene	9.39	237	63148	70.71	ng	99

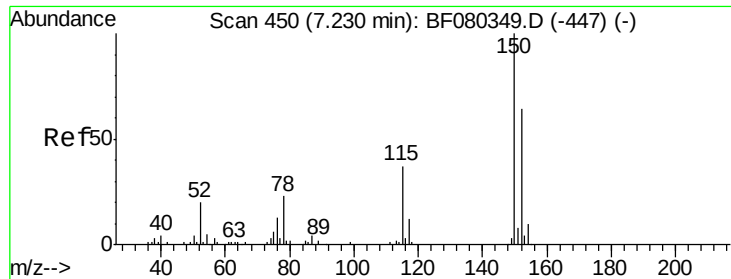
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070715\
 Data File : BF080380.D
 Acq On : 7 Jul 2015 19:29
 Operator : TP/UM
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 03:05:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	60986	42.55	ng	97
43) 2,4,5-Trichlorophenol	9.55	196	74210	44.42	ng	99
45) 1,1'-Biphenyl	9.70	154	273745	44.92	ng	99
46) 2-Chloronaphthalene	9.73	162	191228	41.15	ng	99
47) 2-Nitroaniline	9.81	65	62450	48.03	ng	99
48) Acenaphthylene	10.14	152	309199	39.98	ng	99
49) Dimethylphthalate	9.98	163	343041	62.23	ng	100
50) 2,6-Dinitrotoluene	10.05	165	51195	44.42	ng	97
51) Acenaphthene	10.33	154	188070	40.62	ng	99
52) 3-Nitroaniline	10.22	138	46587	35.87	ng	98
53) 2,4-Dinitrophenol	10.34	184	15512	35.63	ng	91
54) Dibenzofuran	10.50	168	277544	42.16	ng	99
55) 4-Nitrophenol	10.37	139	90561	95.14	ng	87
56) 2,4-Dinitrotoluene	10.46	165	67216	45.35	ng	97
57) Fluorene	10.84	166	241136	42.54	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.61	232	57318	42.83	ng	98
59) Diethylphthalate	10.69	149	244904	44.48	ng	99
60) 4-Chlorophenyl-phenylether	10.83	204	105113	41.90	ng	99
61) 4-Nitroaniline	10.84	138	53945	42.79	ng	99
62) Azobenzene	10.99	77	218113	41.70	ng	98
64) 4,6-Dinitro-2-methylphenol	10.88	198	26761	33.35	ng	99
65) n-Nitrosodiphenylamine	10.94	169	193426	41.65	ng	99
66) 4-Bromophenyl-phenylether	11.32	248	70552	42.24	ng	93
67) Hexachlorobenzene	11.40	284	71748	40.95	ng	97
68) Atrazine	11.46	200	66793	48.31	ng	99
69) Pentachlorophenol	11.58	266	64443	74.38	ng	95
70) Phenanthrene	11.81	178	360746	41.25	ng	99
71) Anthracene	11.87	178	343723	40.08	ng	99
72) Carbazole	12.02	167	343330	42.93	ng	99
73) Di-n-butylphthalate	12.35	149	354822	38.78	ng	# 97
74) Fluoranthene	13.06	202	387373	41.22	ng	98
76) Benzidine	13.17	184	176789	45.16	ng	98
77) Pyrene	13.31	202	393152	42.12	ng	100
79) Butylbenzylphthalate	14.01	149	169798	45.59	ng	93
80) Benzo(a)anthracene	14.72	228	386565	41.56	ng	99
81) 3,3'-Dichlorobenzidine	14.66	252	115163	37.34	ng	# 98
82) Chrysene	14.76	228	355028	40.80	ng	99
83) Bis(2-ethylhexyl)phthalate	14.69	149	254447	44.82	ng	# 98
84) Di-n-octyl phthalate	15.51	149	430580	45.91	ng	99
85) Indeno(1,2,3-cd)pyrene	18.36	276	404730	39.55	ng	98
87) Benzo(b)fluoranthene	16.10	252	365486	39.91	ng	98
88) Benzo(k)fluoranthene	16.10	252	365486	42.16	ng	# 97
89) Benzo(a)pyrene	16.50	252	351719	41.99	ng	# 97
90) Dibenzo(a,h)anthracene	18.37	278	343878	41.69	ng	99
91) Benzo(g,h,i)perylene	18.89	276	341207	40.79	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

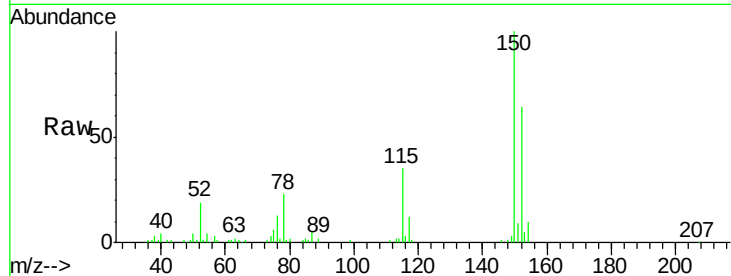
Tgt Ion:152 Resp: 36948

Ion Ratio Lower Upper

152 100

150 156.3 124.7 187.1

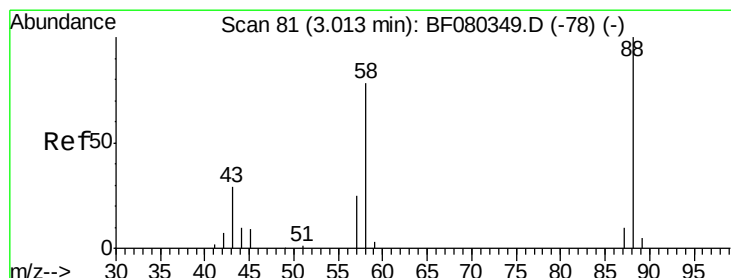
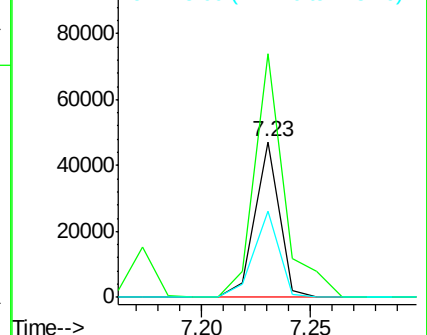
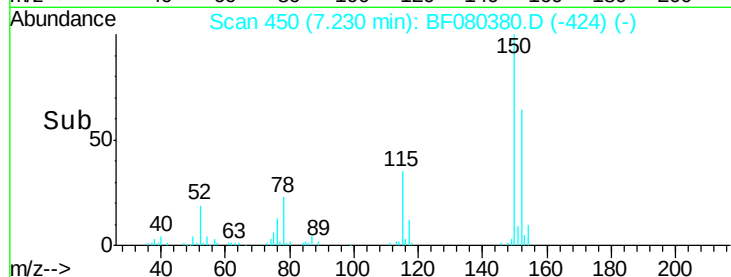
115 55.1 45.7 68.5



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: 36.90 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.01 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

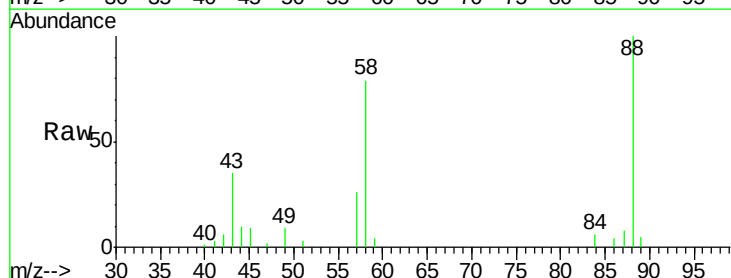
Tgt Ion: 88 Resp: 35150

Ion Ratio Lower Upper

88 100

58 85.3 61.0 91.6

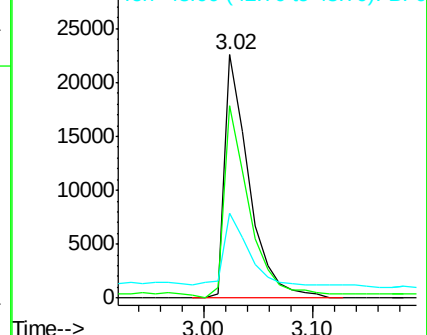
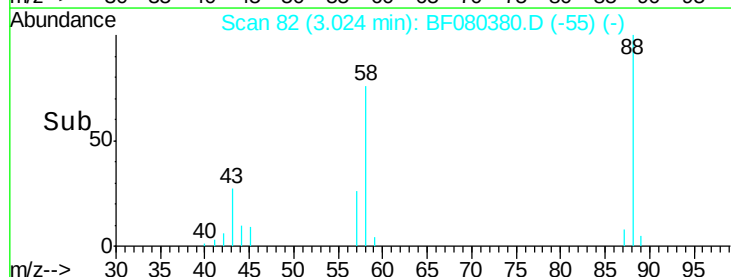
43 29.6 23.4 35.0

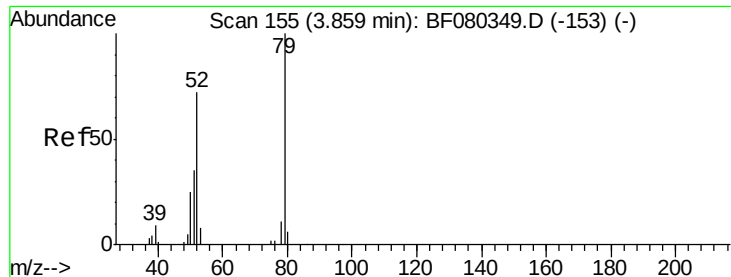


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.39 ng

RT: 3.87 min Scan# 156

Delta R.T. 0.01 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

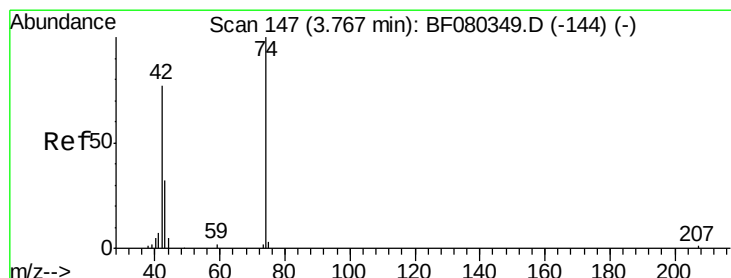
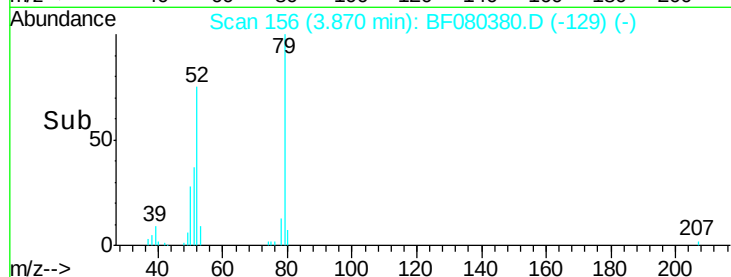
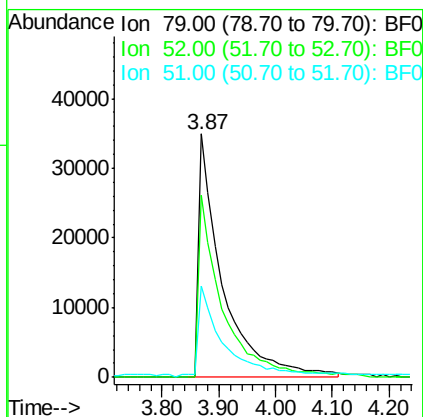
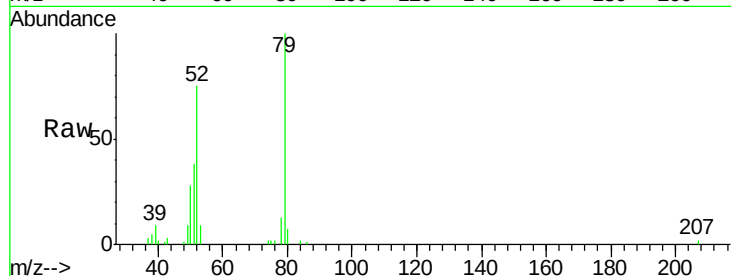
Tgt Ion: 79 Resp: 100337

Ion Ratio Lower Upper

79 100

52 74.7 57.2 85.8

51 37.6 29.4 44.0



#4

n-Nitrosodimethylamine

Concen: 43.01 ng

RT: 3.78 min Scan# 148

Delta R.T. 0.01 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

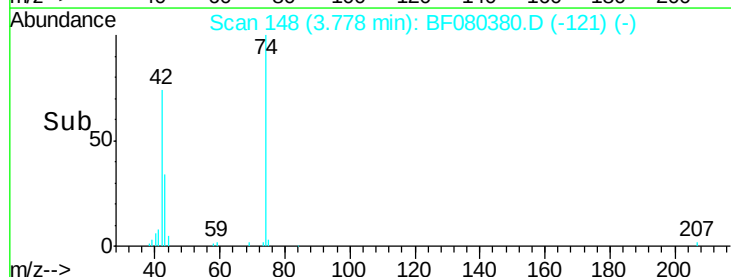
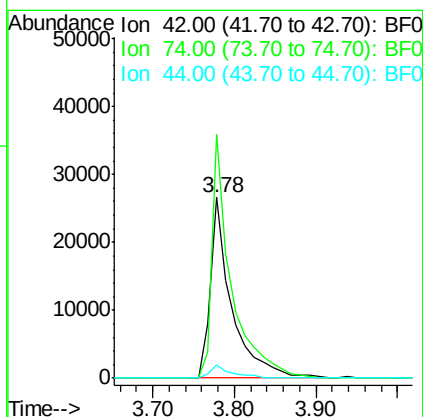
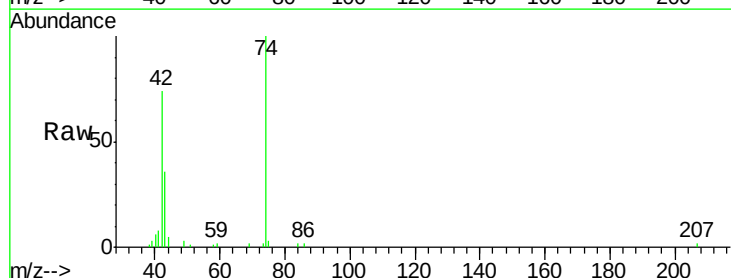
Tgt Ion: 42 Resp: 48990

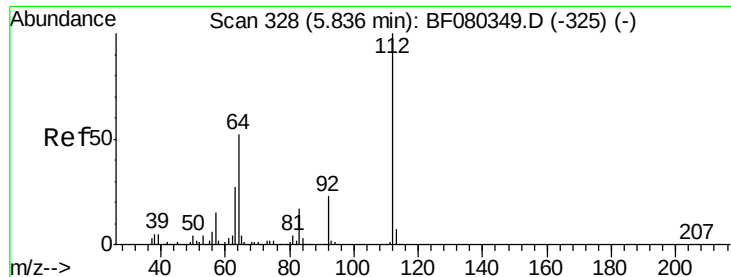
Ion Ratio Lower Upper

42 100

74 134.9 103.4 155.0

44 7.1 5.4 8.0





#5

2-Fluorophenol

Concen: 151.50 ng

RT: 5.84 min Scan# 328

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

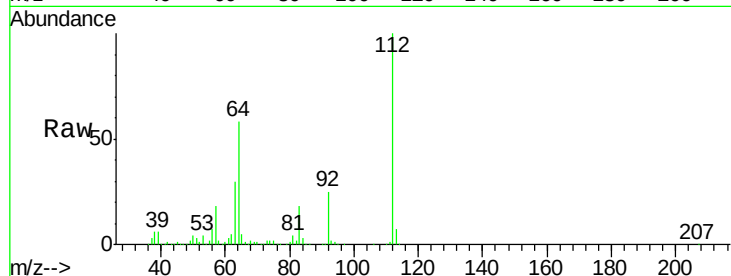
Tgt Ion: 112 Resp: 305644

Ion Ratio Lower Upper

112 100

64 58.4 41.8 62.6

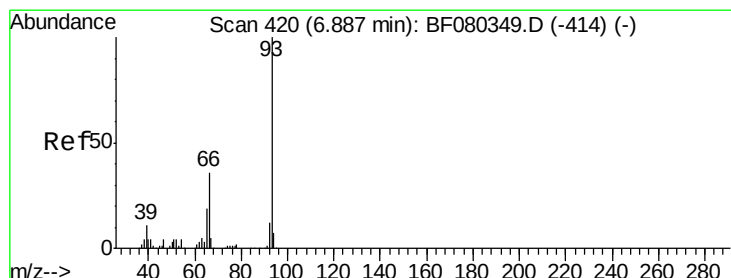
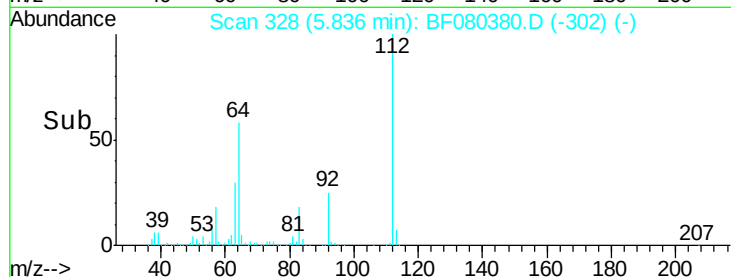
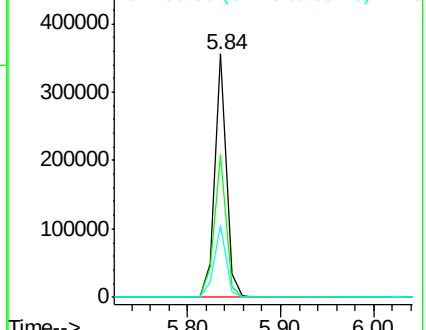
63 29.7 21.5 32.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.41 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

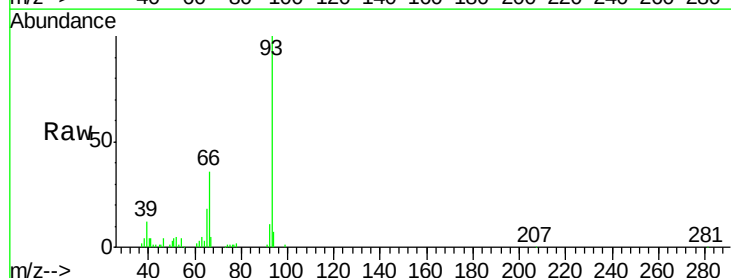
Tgt Ion: 93 Resp: 101503

Ion Ratio Lower Upper

93 100

66 35.7 28.7 43.1

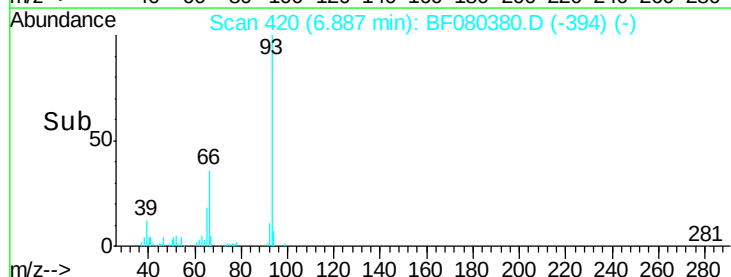
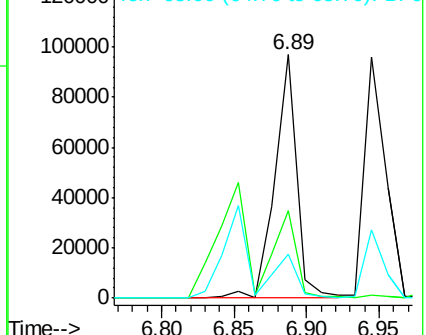
65 18.1 14.8 22.2

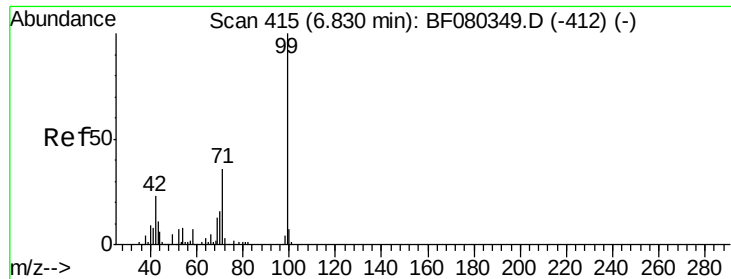


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 151.33 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

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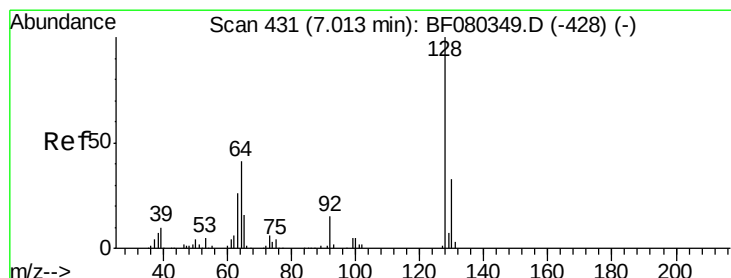
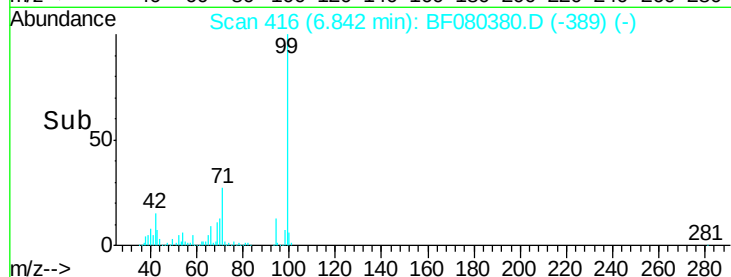
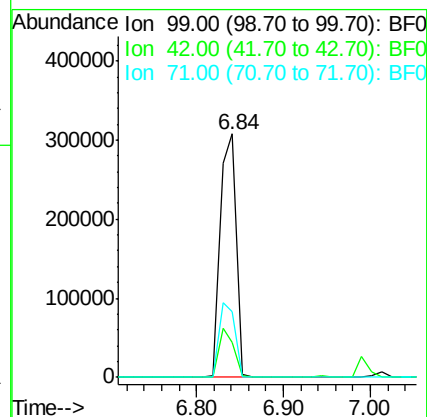
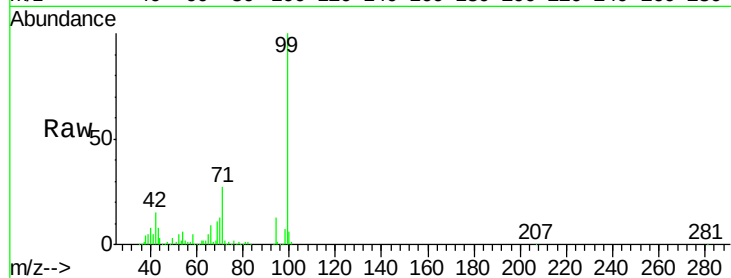
Tgt Ion: 99 Resp: 404685

Ion Ratio Lower Upper

99 100

42 14.6 18.5 27.7#

71 27.1 28.5 42.7#



#8

2-Chlorophenol

Concen: 45.73 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

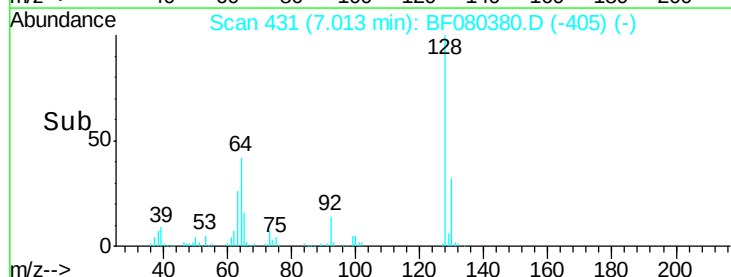
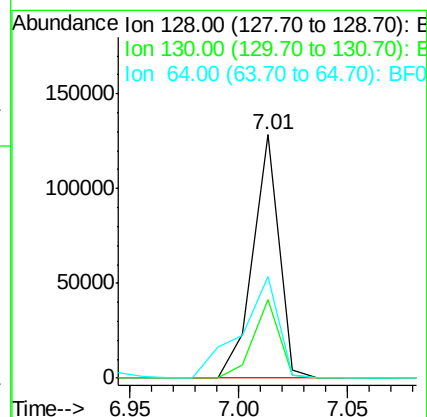
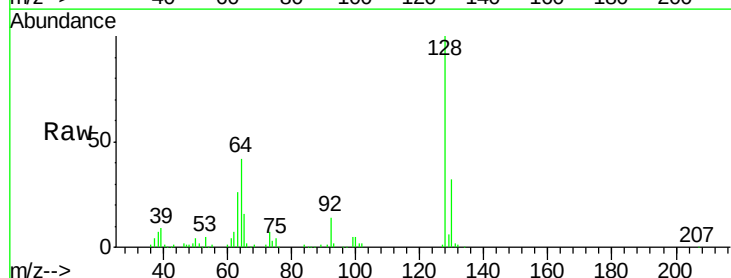
Tgt Ion: 128 Resp: 106937

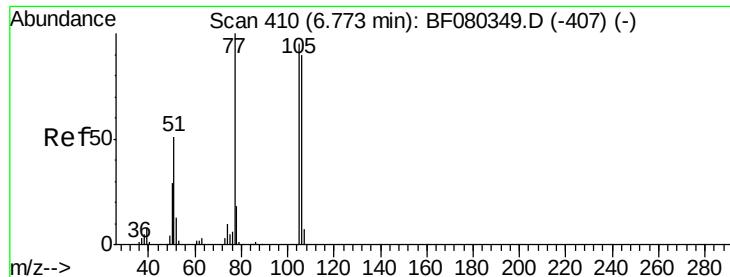
Ion Ratio Lower Upper

128 100

130 32.4 12.8 52.8

64 41.5 21.1 61.1





#9

Benzaldehyde

Concen: 38.02 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

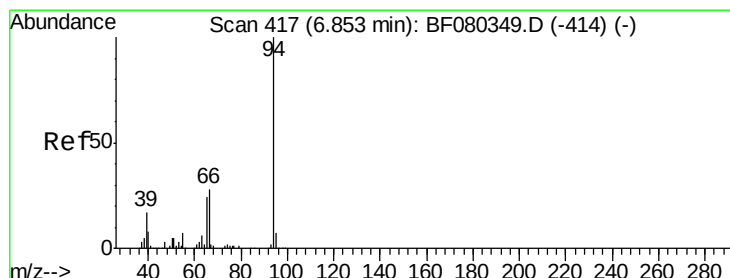
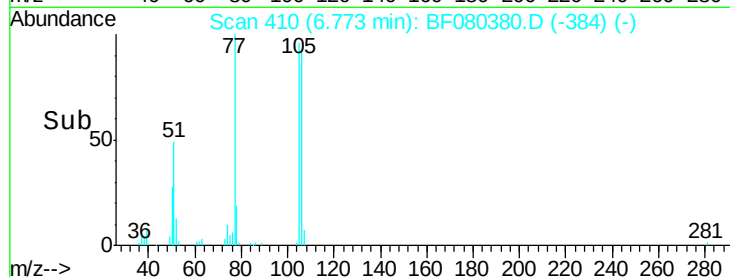
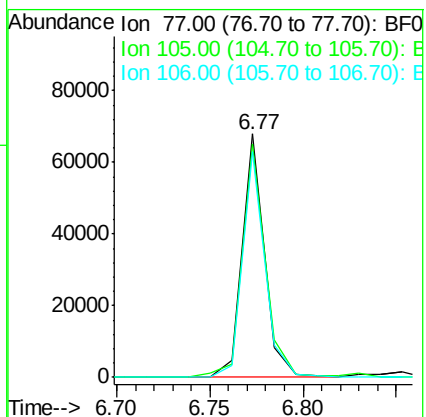
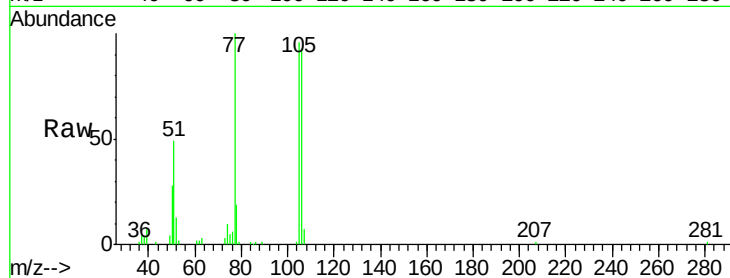
Tgt Ion: 77 Resp: 56546

Ion Ratio Lower Upper

77 100

105 96.1 75.2 115.2

106 92.9 69.9 109.9



#10

Phenol

Concen: 48.14 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

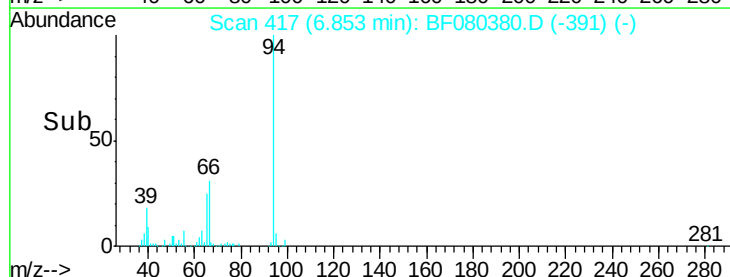
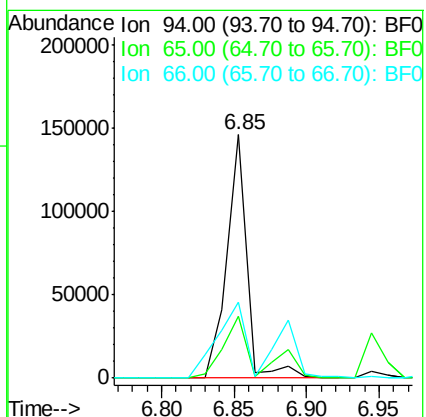
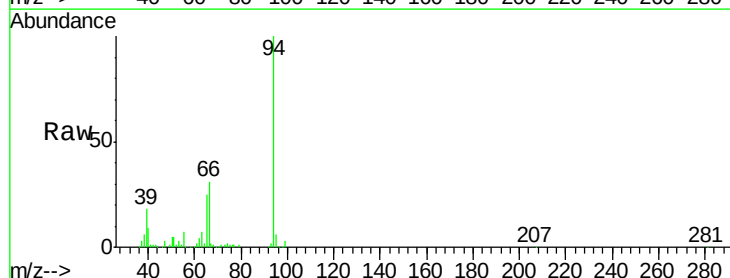
Tgt Ion: 94 Resp: 139588

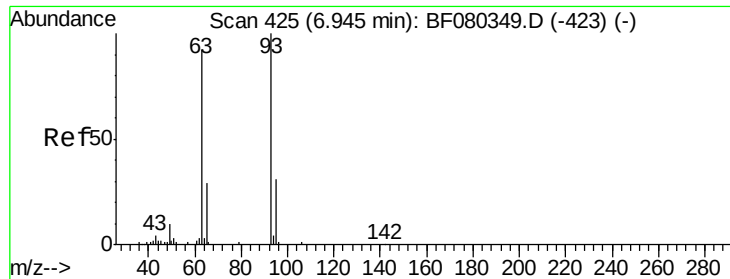
Ion Ratio Lower Upper

94 100

65 25.2 3.5 43.5

66 31.4 8.5 48.5

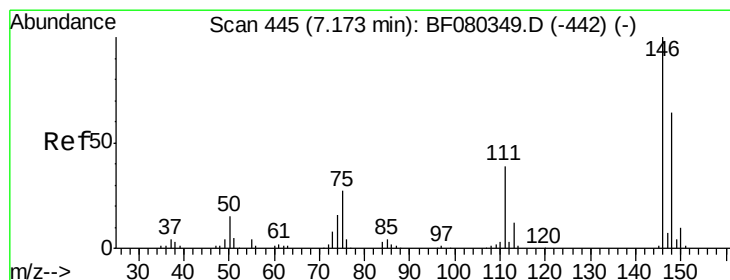
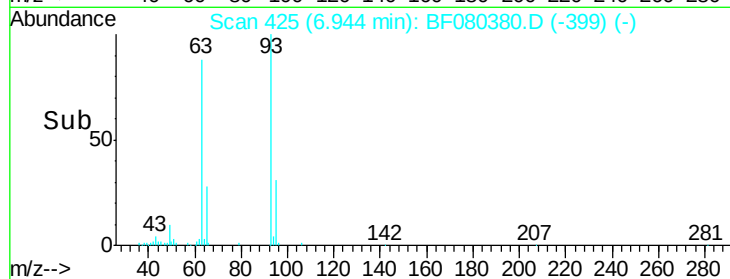
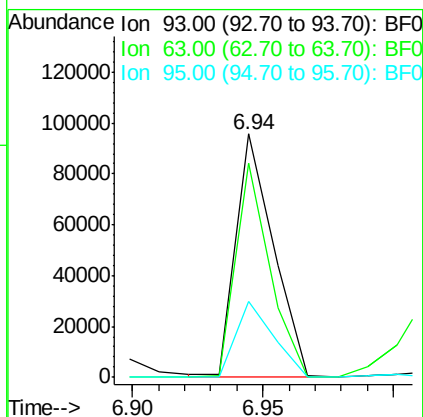
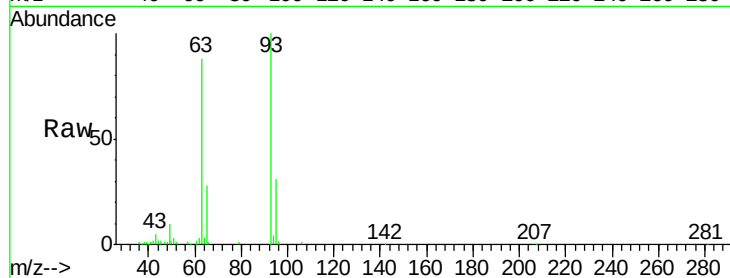




#11
 bis(2-Chloroethyl)ether
 Concen: 44.47 ng
 RT: 6.94 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

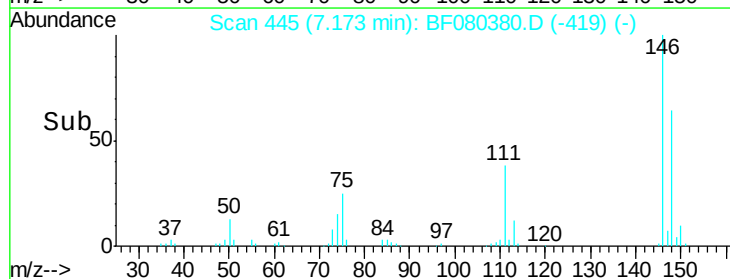
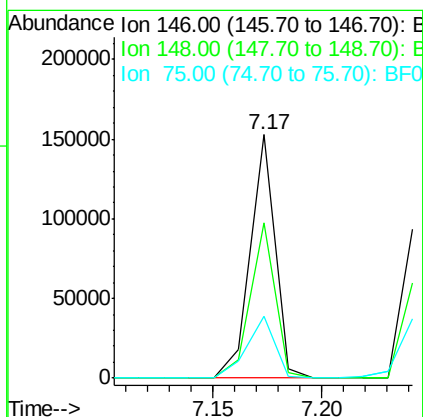
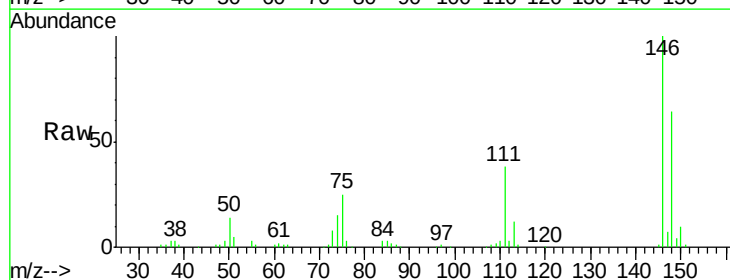
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

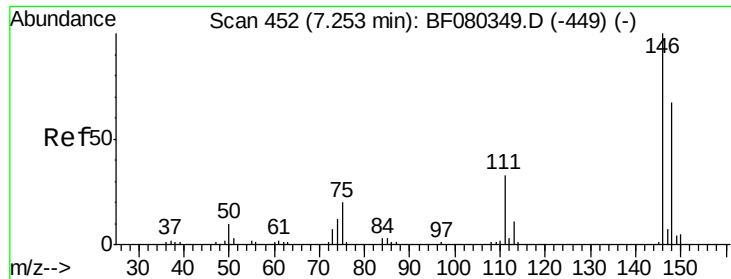
Tgt Ion: 93 Resp: 97273
 Ion Ratio Lower Upper
 93 100
 63 88.2 71.3 111.3
 95 31.3 11.3 51.3



#12
 1,3-Dichlorobenzene
 Concen: 42.22 ng
 RT: 7.17 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion: 146 Resp: 121208
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.0
 75 25.3 21.5 32.3

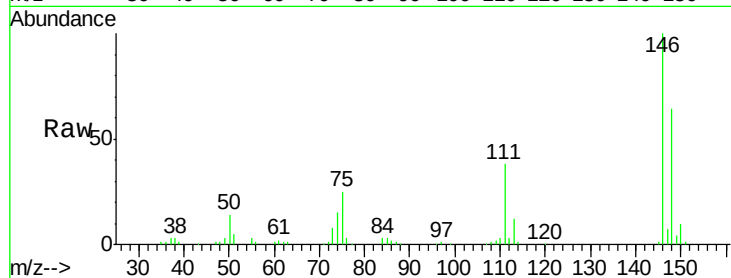




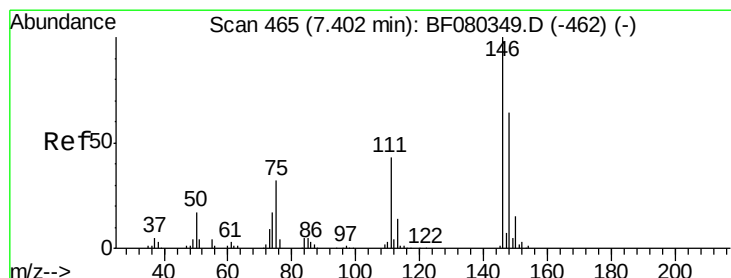
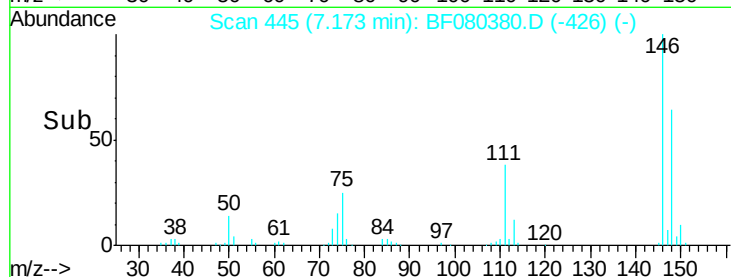
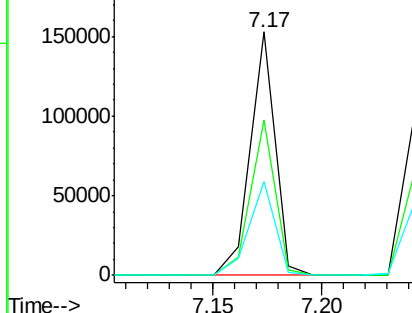
#13
 1,4-Dichlorobenzene
 Concen: 45.21 ng
 RT: 7.17 min Scan# 445
 Delta R.T. -0.08 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

Tgt Ion:146 Resp: 121208
 Ion Ratio Lower Upper
 146 100
 148 63.7 53.4 80.0
 111 38.4 26.2 39.2

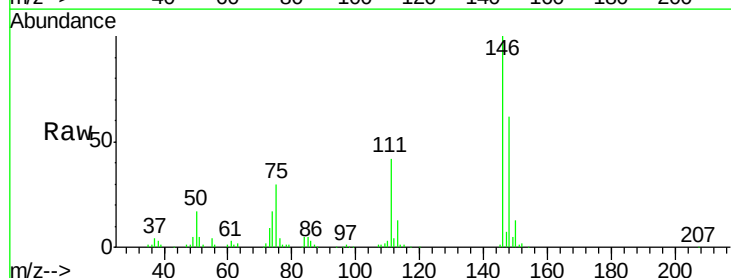


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

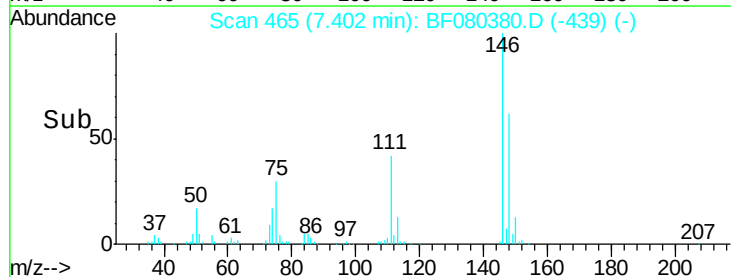
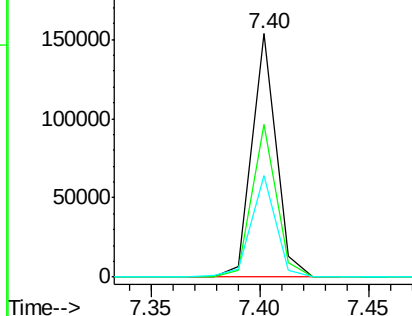


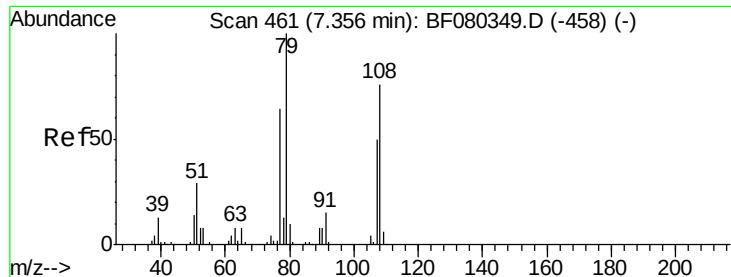
#14
 1,2-Dichlorobenzene
 Concen: 43.98 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion:146 Resp: 119330
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.3 76.9
 111 41.8 34.6 52.0



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: 46.13 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

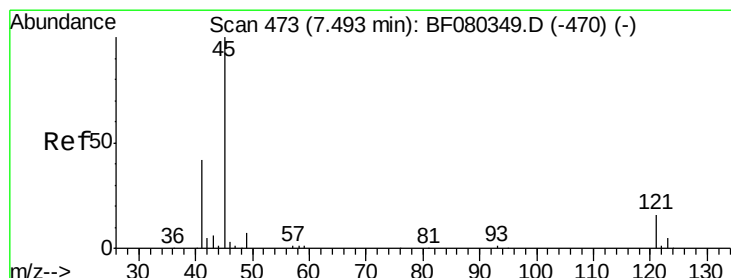
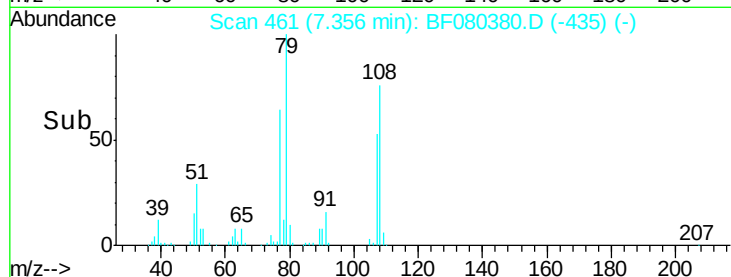
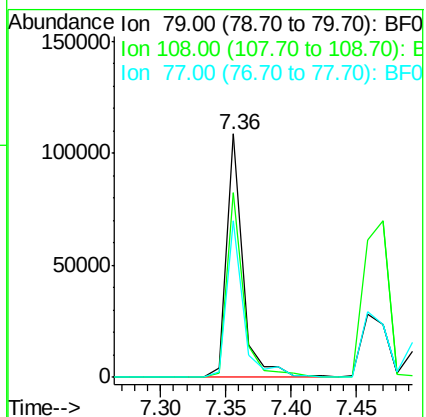
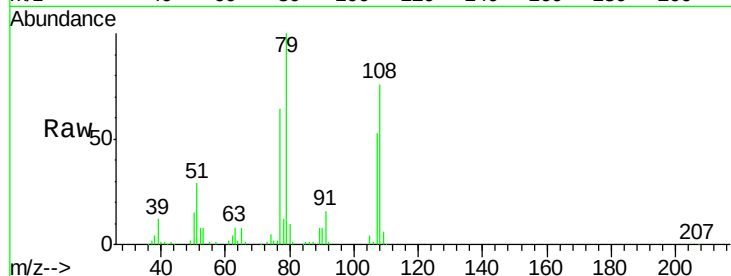
Tgt Ion: 79 Resp: 95491

Ion Ratio Lower Upper

79 100

108 76.0 60.6 90.8

77 64.2 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.70 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

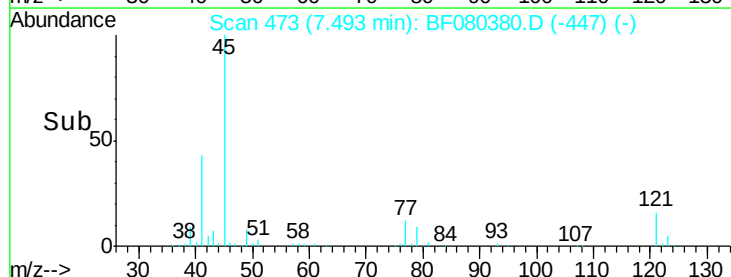
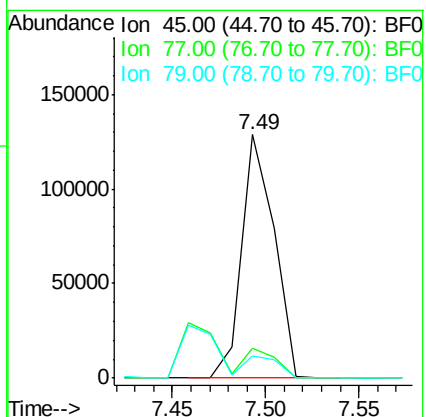
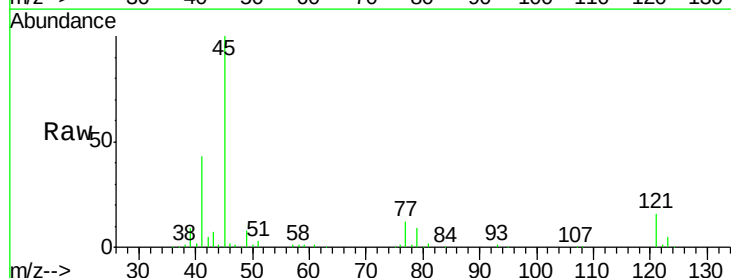
Tgt Ion: 45 Resp: 154562

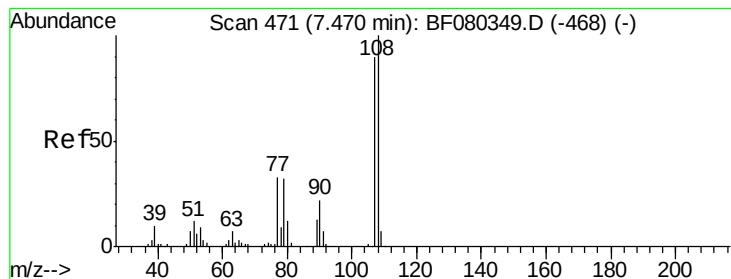
Ion Ratio Lower Upper

45 100

77 12.3 0.0 31.9

79 9.2 0.0 29.7





#17

2-Methylphenol

Concen: 44.42 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

Tgt Ion:107 Resp: 80512

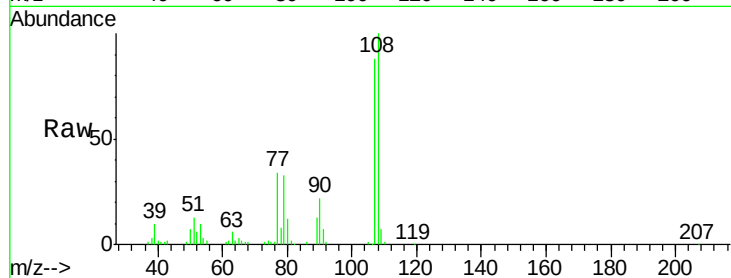
Ion Ratio Lower Upper

107 100

108 114.2 89.3 133.9

77 38.8 29.5 44.3

79 38.2 28.6 43.0

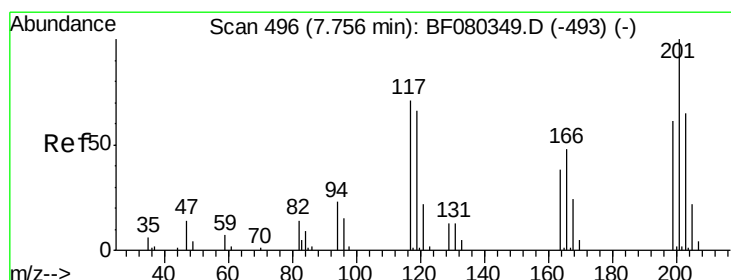
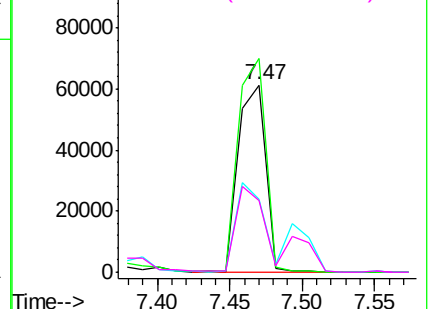
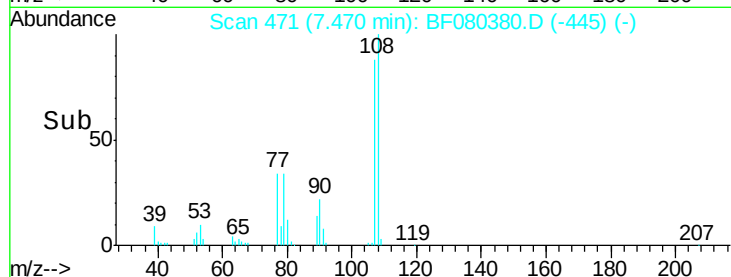


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.12 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

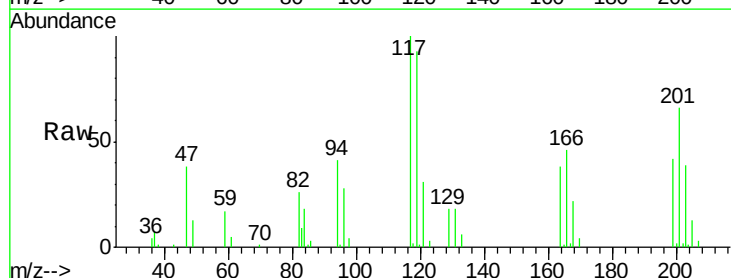
Tgt Ion:117 Resp: 36285

Ion Ratio Lower Upper

117 100

119 92.7 74.2 111.4

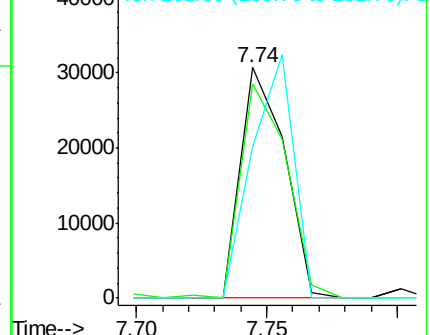
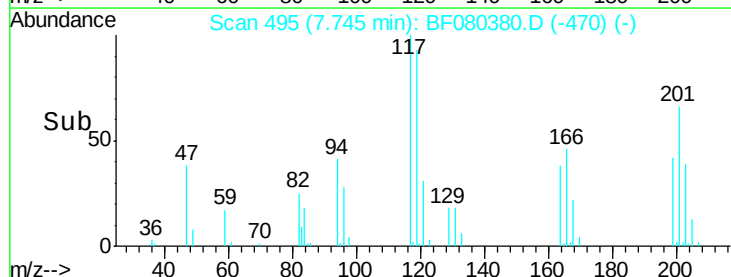
201 65.6 112.4 168.6#

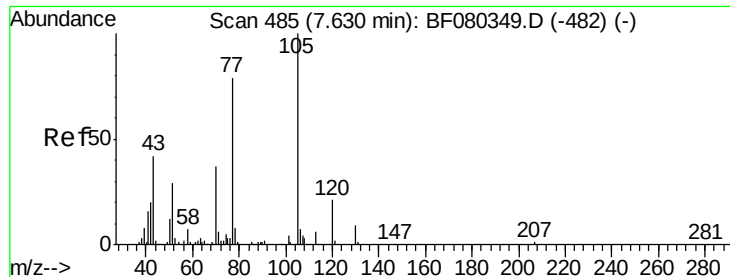


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

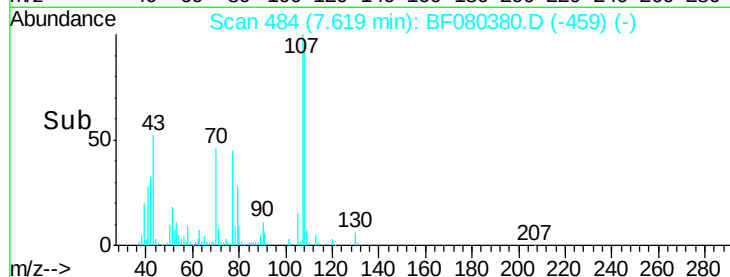
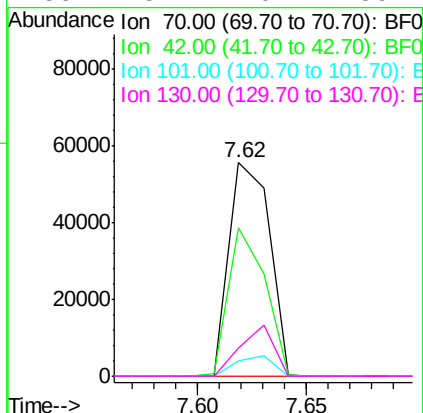
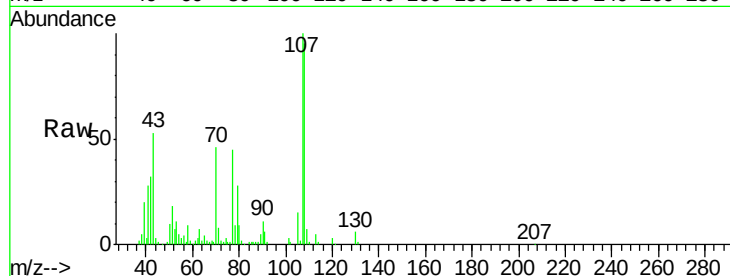




#19
n-Nitroso-di-n-propylamine
Concen: 41.59 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

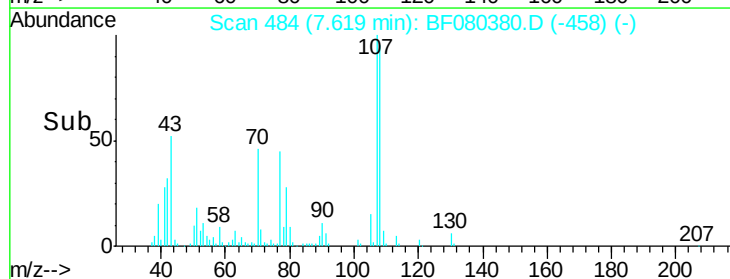
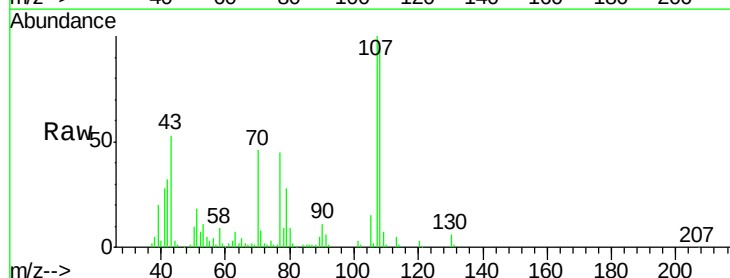
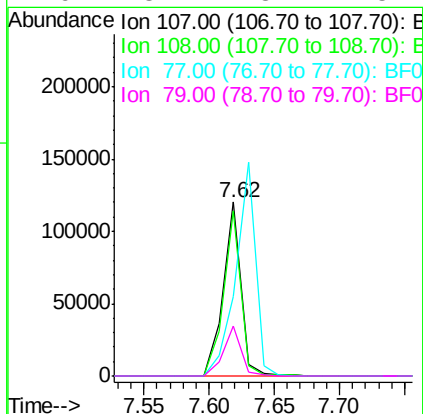
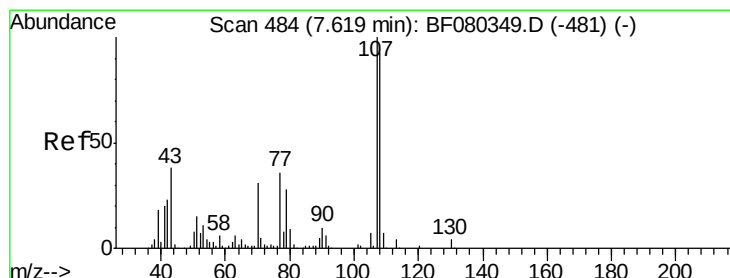
Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

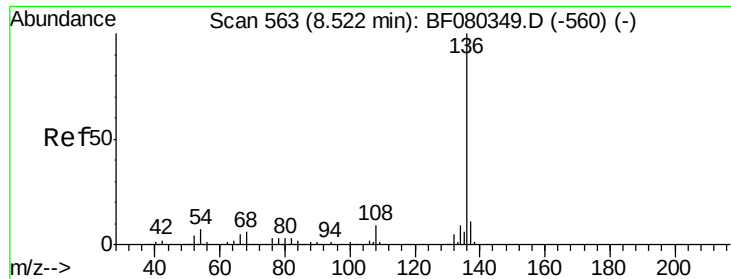
Tgt Ion:	70	Resp:	72162
Ion	Ratio	Lower	Upper
70	100		
42	69.5	43.0	64.6#
101	7.1	8.3	12.5#
130	13.4	20.2	30.2#



#20
3+4-Methylphenols
Concen: 45.59 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Tgt Ion:	107	Resp:	115189
Ion	Ratio	Lower	Upper
107	100		
108	94.9	73.4	113.4
77	45.4	16.4	56.4
79	28.4	8.2	48.2

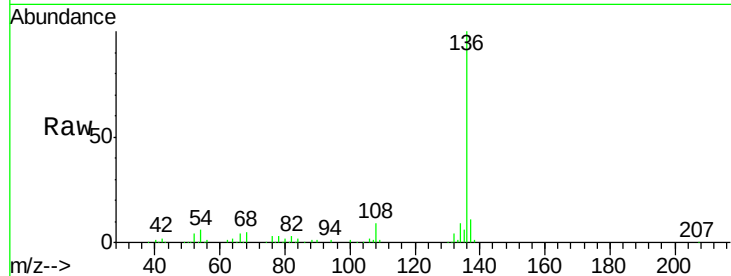




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

Tgt Ion:	136	Resp:	139944
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.4	5.8	8.8
68	5.0	4.6	6.8



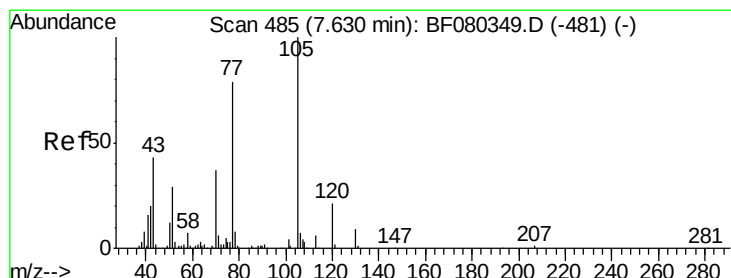
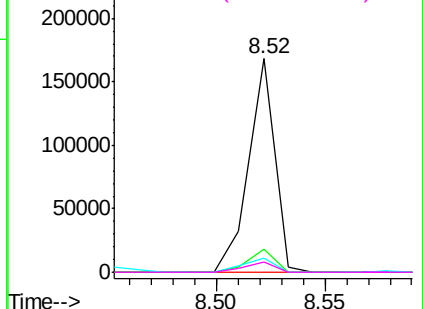
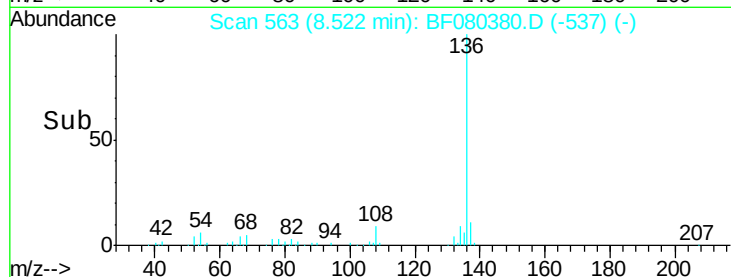
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

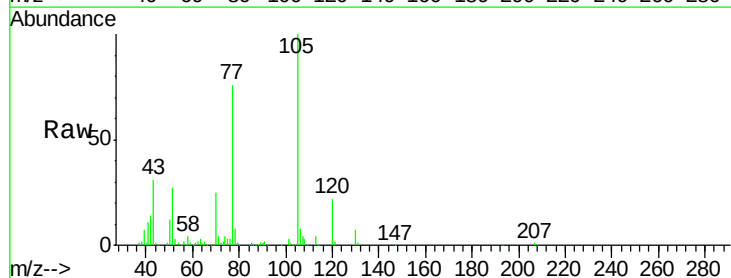
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 47.82 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Tgt Ion:	105	Resp:	154386
Ion	Ratio	Lower	Upper
105	100		
71	4.1	5.0	7.6#
51	27.1	23.2	34.8
120	21.9	17.0	25.4



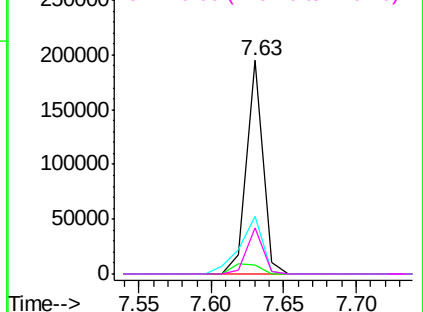
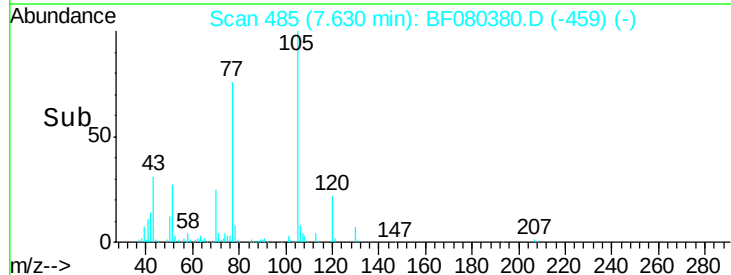
Abundance

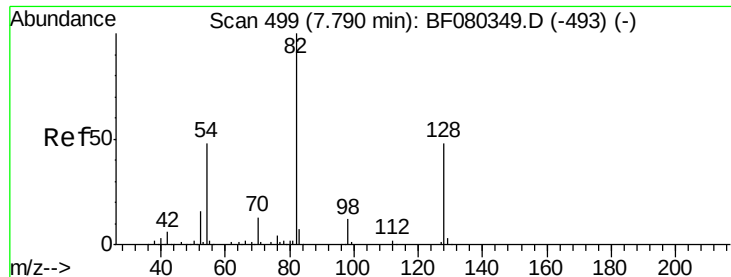
Ion 105.00 (104.70 to 105.70): E

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

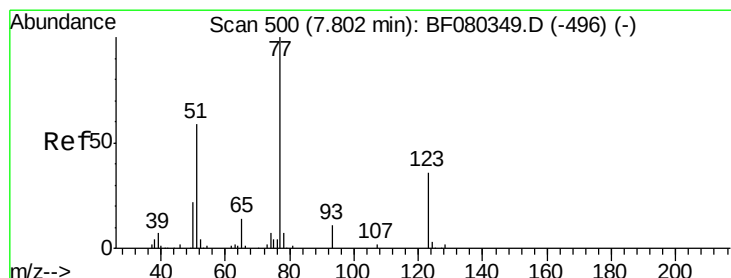
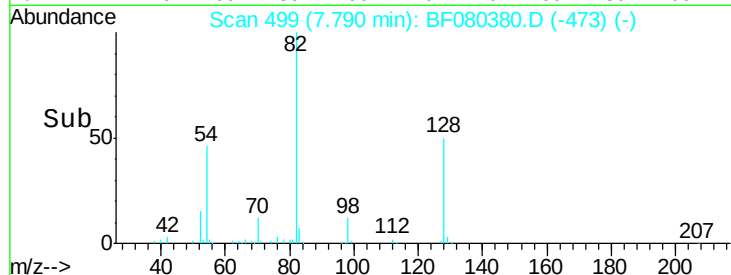
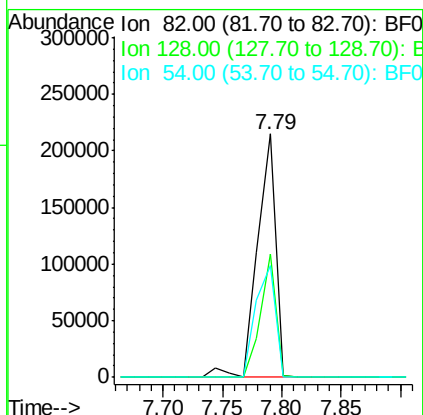
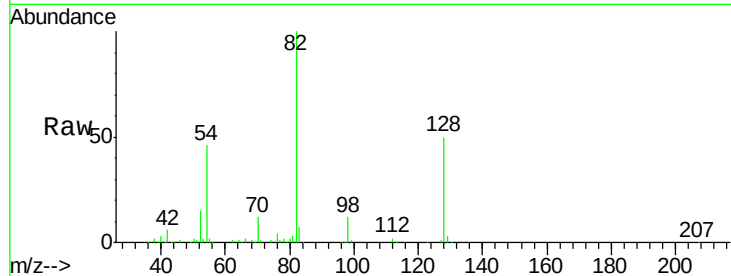




#23
 Nitrobenzene-d5
 Concen: 97.35 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

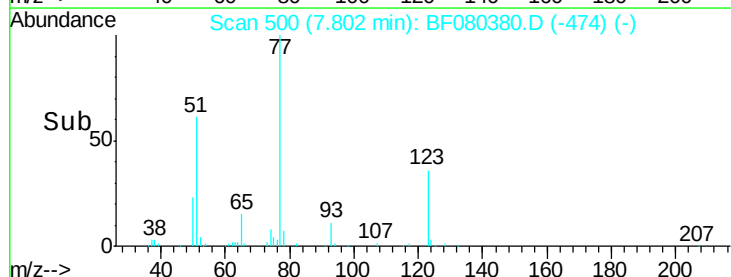
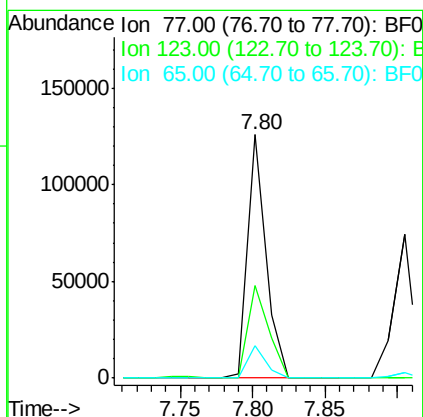
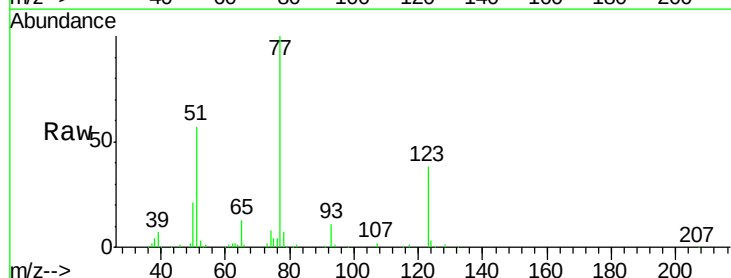
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

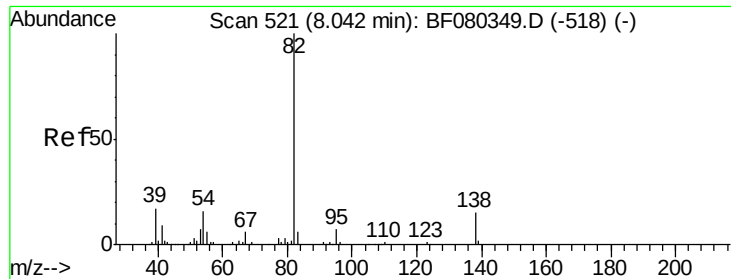
Tgt Ion: 82 Resp: 233585
 Ion Ratio Lower Upper
 82 100
 128 50.4 38.4 57.6
 54 46.2 38.2 57.2



#24
 Nitrobenzene
 Concen: 45.98 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion: 77 Resp: 110825
 Ion Ratio Lower Upper
 77 100
 123 38.0 29.6 44.4
 65 13.3 11.1 16.7

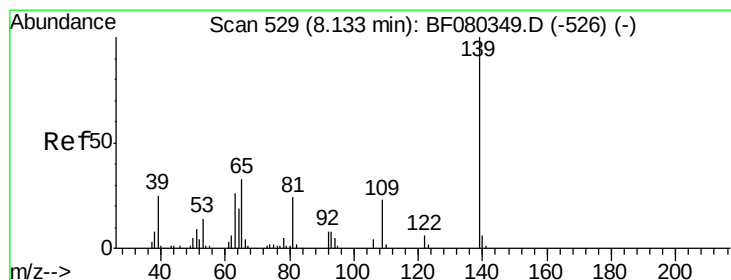
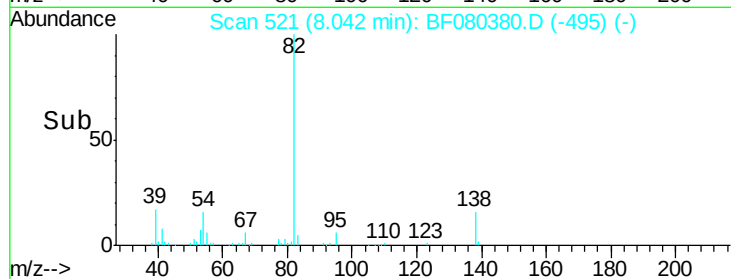
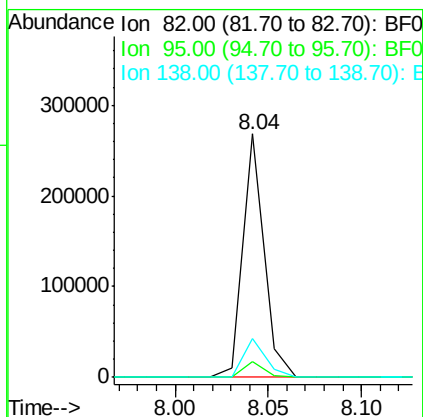
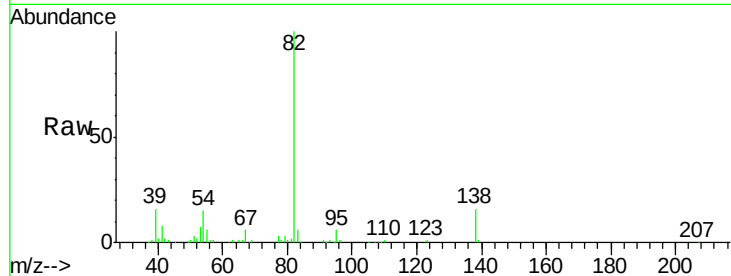




#25
Isophorone
Concen: 46.07 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

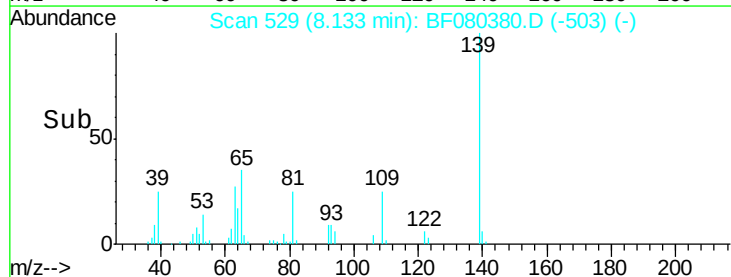
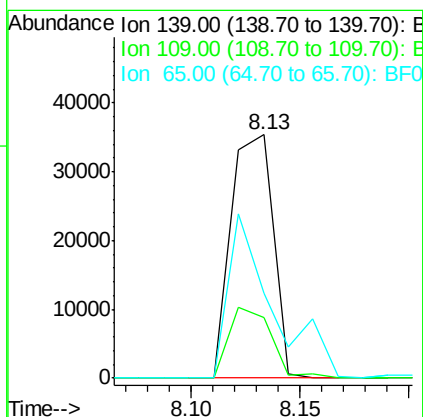
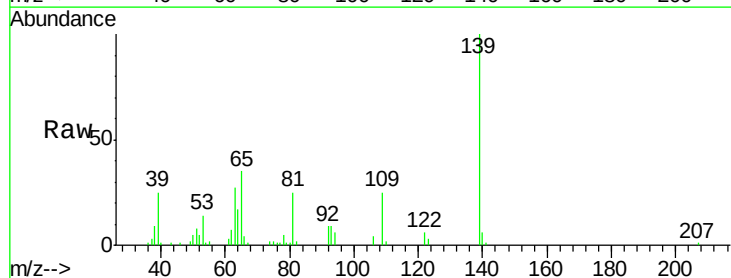
Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

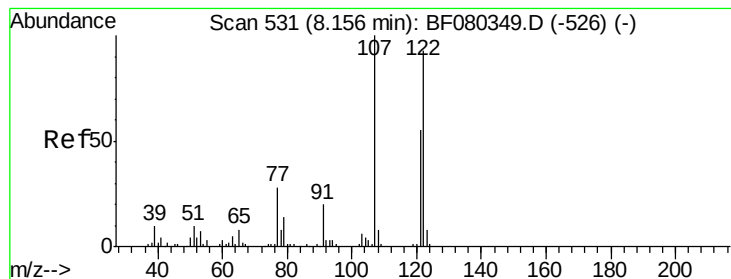
Tgt Ion: 82 Resp: 212739
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 15.8 12.0 18.0



#26
2-Nitrophenol
Concen: 45.52 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Tgt Ion: 139 Resp: 47476
Ion Ratio Lower Upper
139 100
109 24.9 18.4 27.6
65 34.7 26.7 40.1

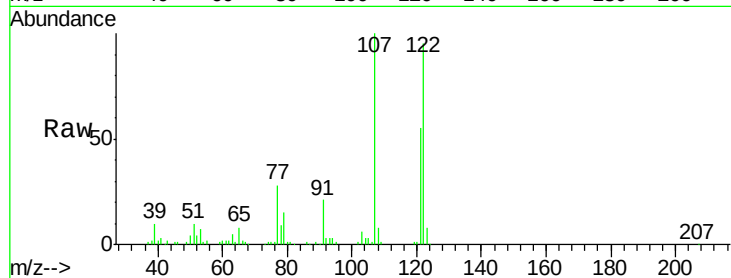




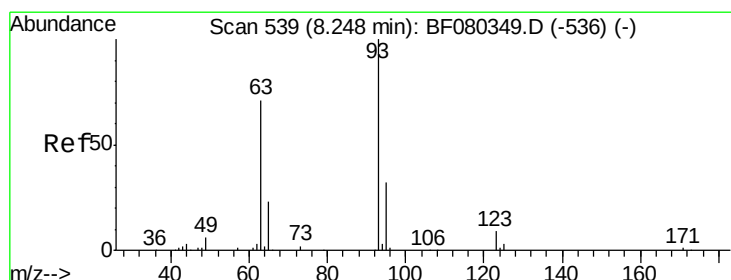
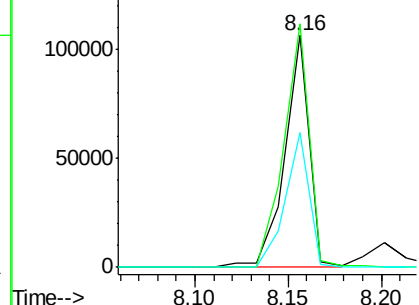
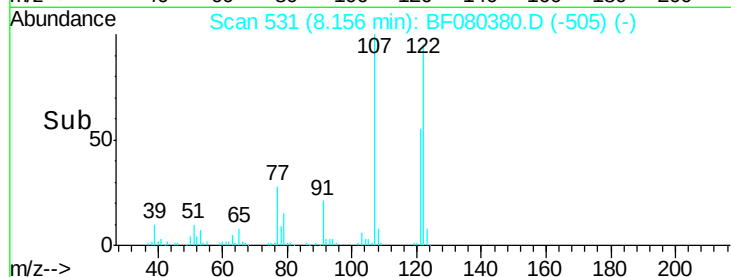
#27
 2,4-Dimethylphenol
 Concen: 47.36 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

Tgt Ion: 122 Resp: 97191
 Ion Ratio Lower Upper
 122 100
 107 105.2 85.8 128.6
 121 58.1 46.9 70.3

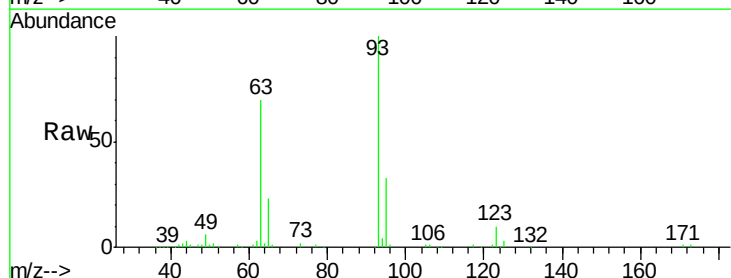


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

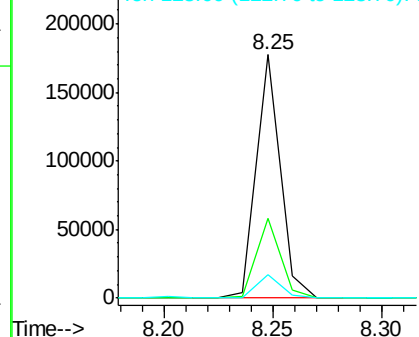
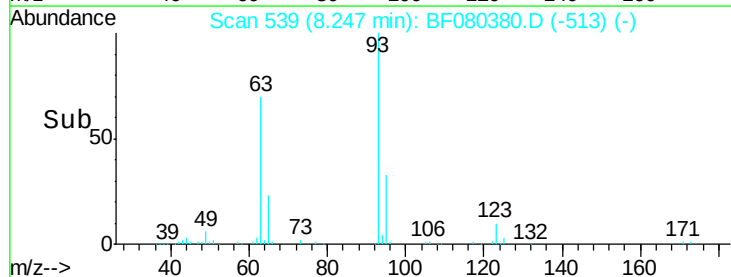


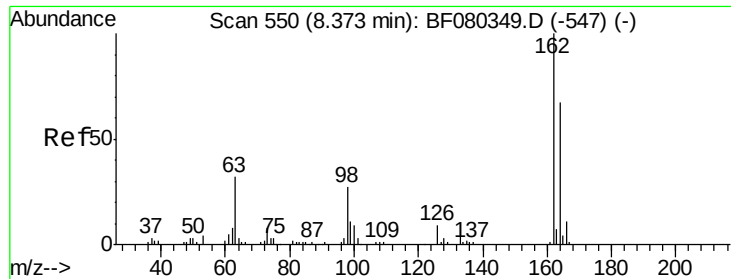
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.27 ng
 RT: 8.25 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion: 93 Resp: 135593
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.3 37.9
 123 9.7 7.8 11.6



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

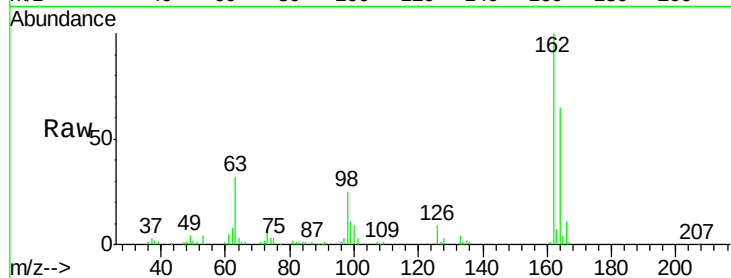




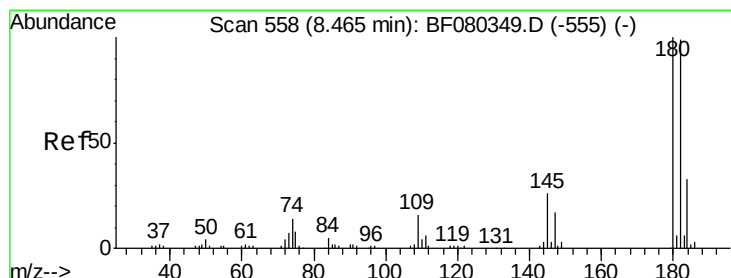
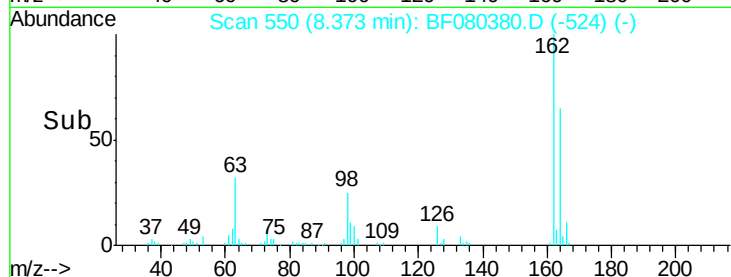
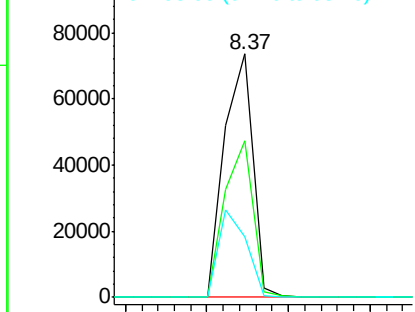
#29
 2,4-Dichlorophenol
 Concen: 48.70 ng
 RT: 8.37 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

Tgt Ion:162 Resp: 88726
 Ion Ratio Lower Upper
 162 100
 164 64.6 47.0 87.0
 98 24.6 6.6 46.6

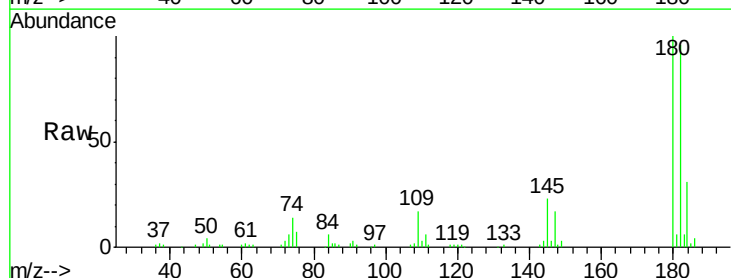


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

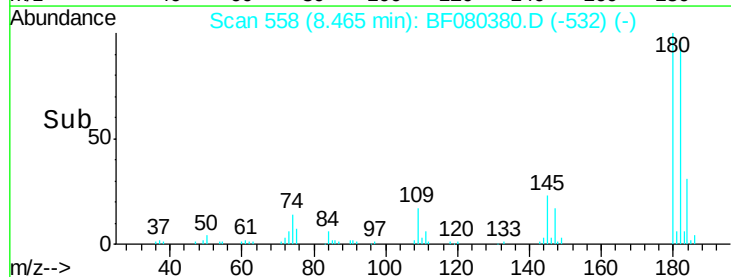
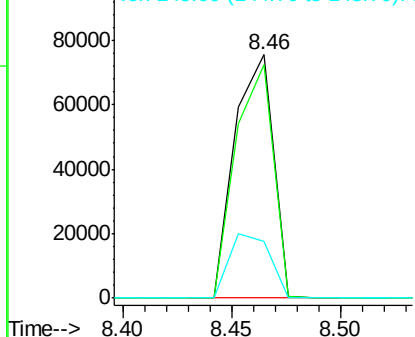


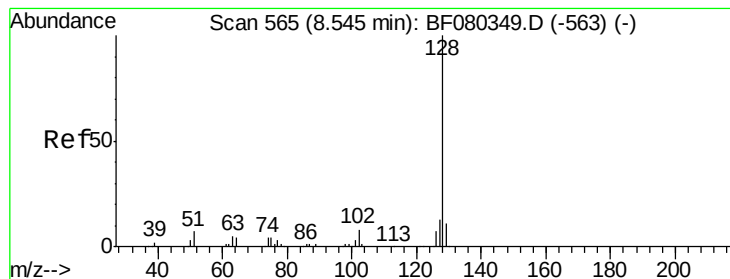
#30
 1,2,4-Trichlorobenzene
 Concen: 42.80 ng
 RT: 8.46 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion:180 Resp: 92683
 Ion Ratio Lower Upper
 180 100
 182 96.1 79.0 118.4
 145 23.4 20.5 30.7



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: 43.40 ng

RT: 8.54 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

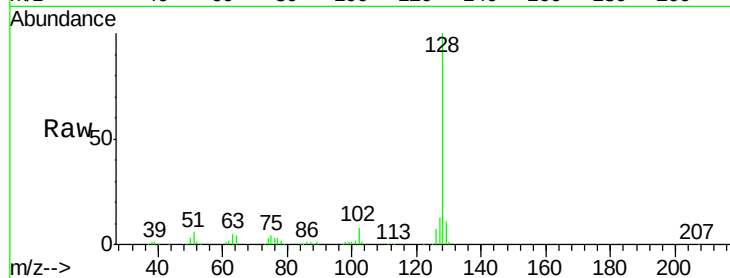
Tgt Ion:128 Resp: 311509

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

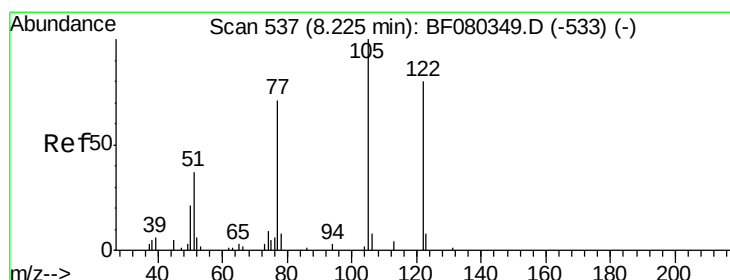
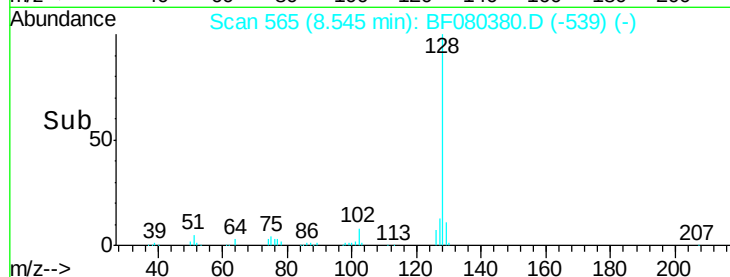
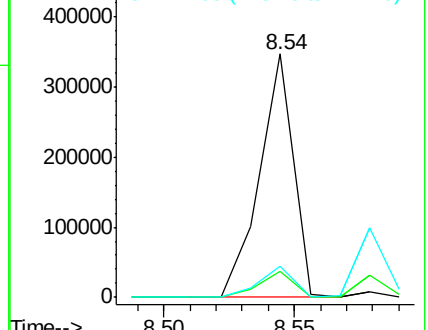
127 12.8 10.4 15.6



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: 22.38 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.02 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

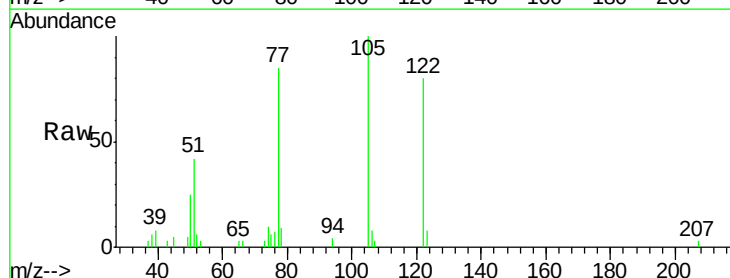
Tgt Ion:122 Resp: 18541

Ion Ratio Lower Upper

122 100

105 124.3 102.2 142.2

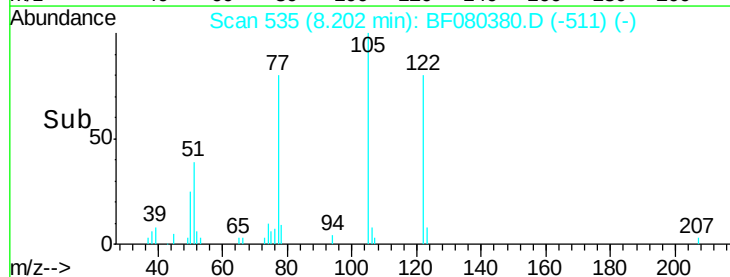
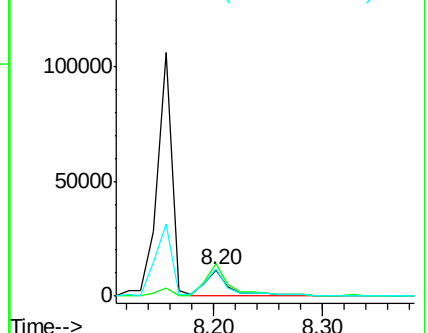
77 105.4 68.8 108.8

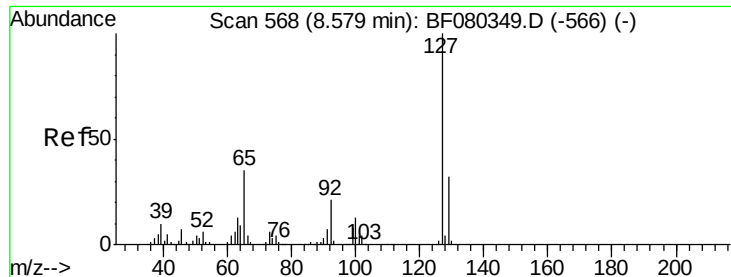


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

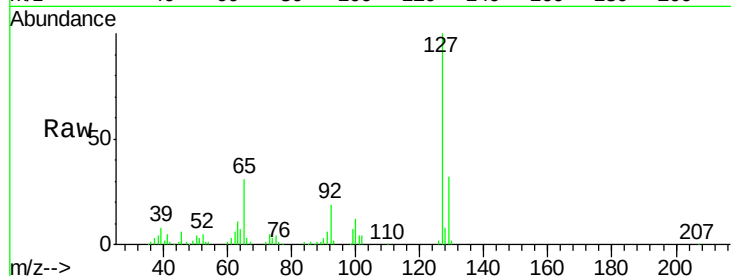




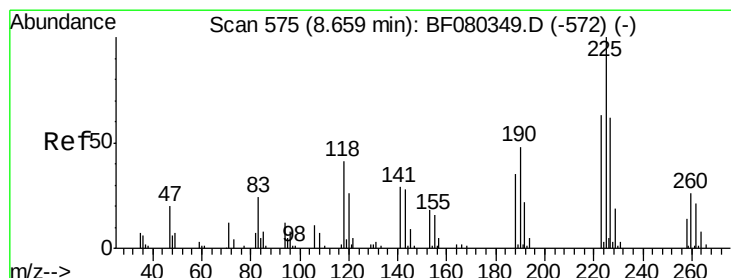
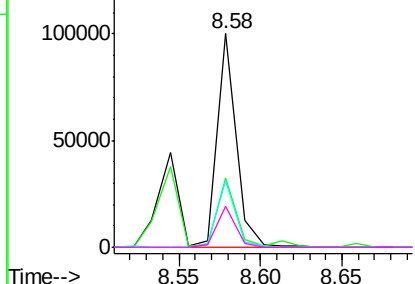
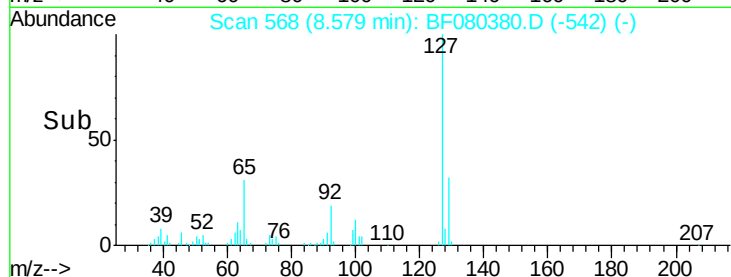
#33
 4-Chloroaniline
 Concen: 28.28 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

Tgt Ion:	127	Resp:	80920
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	31.4	28.1	42.1
92	19.1	16.6	24.8

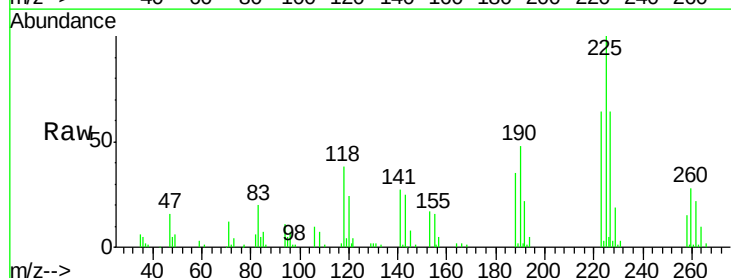


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

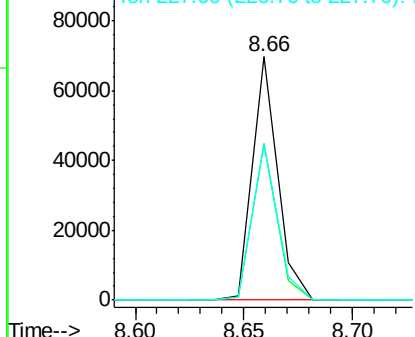
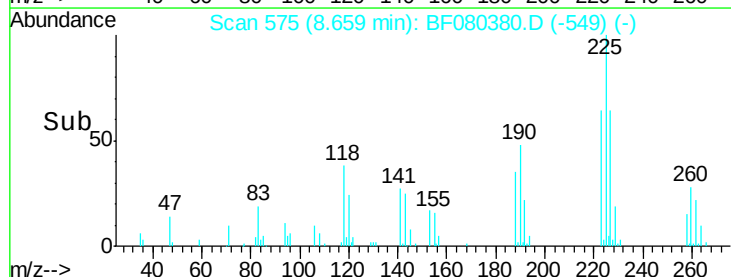


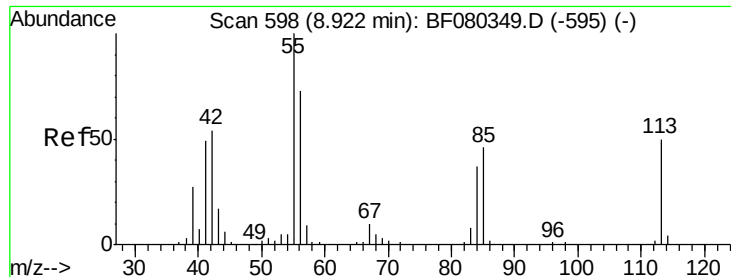
#34
 Hexachlorobutadiene
 Concen: 42.44 ng
 RT: 8.66 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion:	225	Resp:	55910
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.3	75.5
227	64.2	49.4	74.2



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

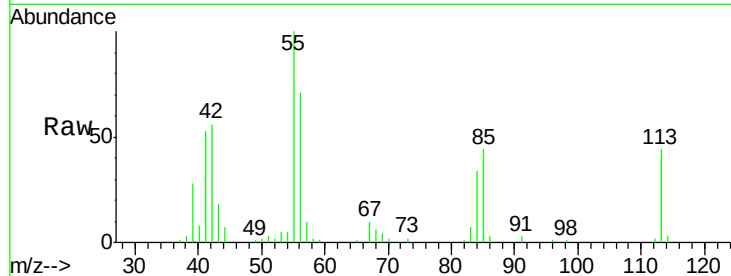




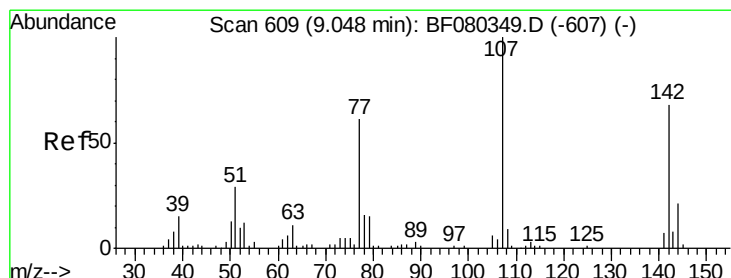
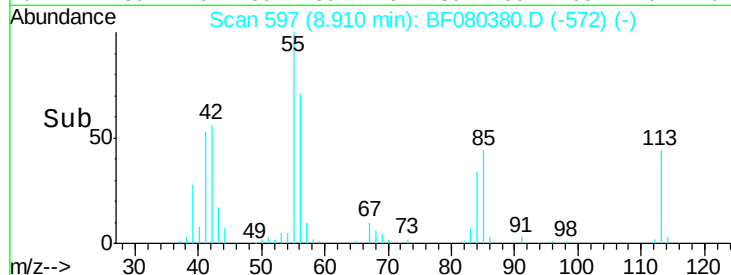
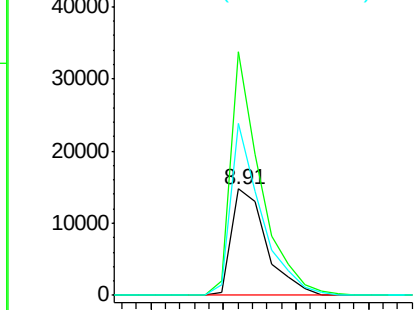
#35
Caprolactam
Concen: 43.52 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

Tgt Ion:113 Resp: 24489
Ion Ratio Lower Upper
113 100
55 229.4 181.4 221.4#
56 162.4 127.3 167.3

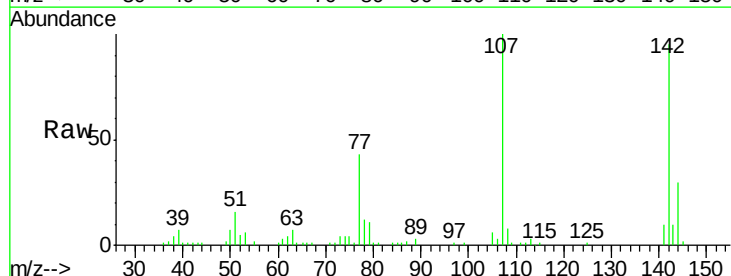


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

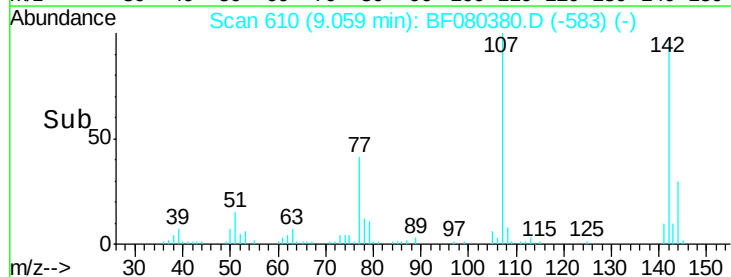
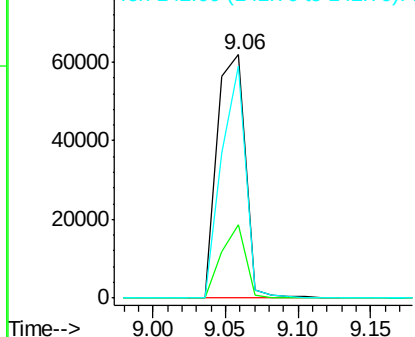


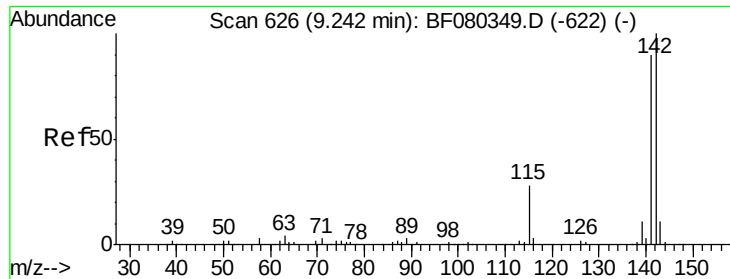
#36
4-Chloro-3-methylphenol
Concen: 44.64 ng
RT: 9.06 min Scan# 610
Delta R.T. 0.01 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Tgt Ion:107 Resp: 83915
Ion Ratio Lower Upper
107 100
144 30.1 16.7 25.1#
142 95.3 54.4 81.6#



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

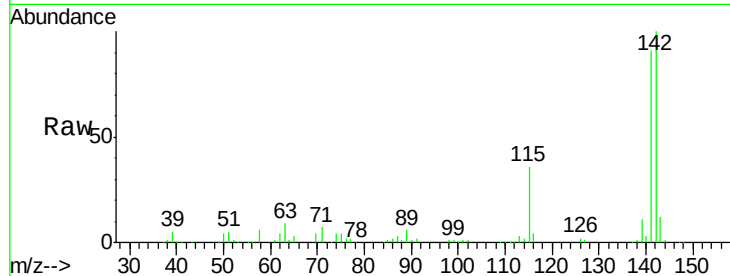




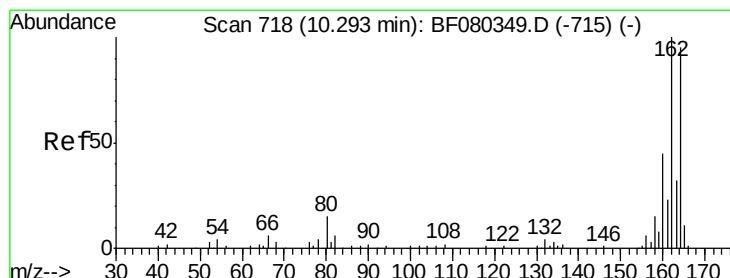
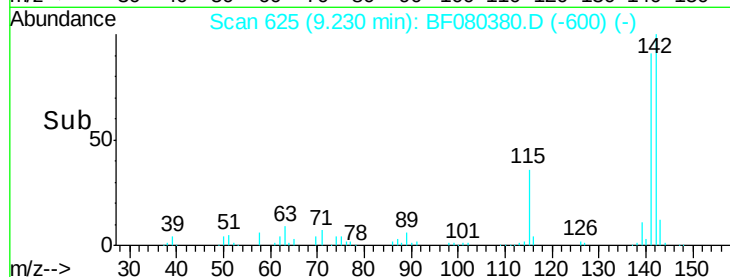
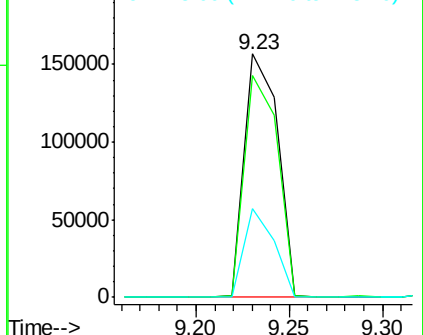
#37
 2-Methylnaphthalene
 Concen: 43.06 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

Tgt Ion:142 Resp: 197045
 Ion Ratio Lower Upper
 142 100
 141 91.2 71.8 107.8
 115 36.3 22.6 34.0#

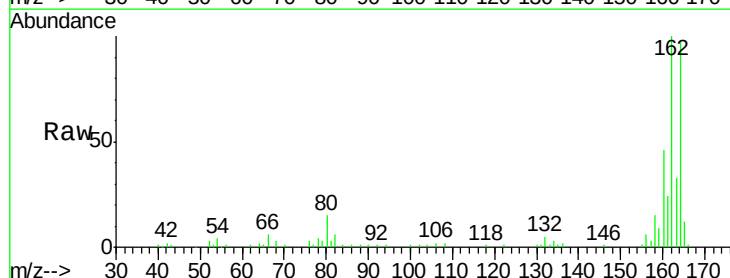


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

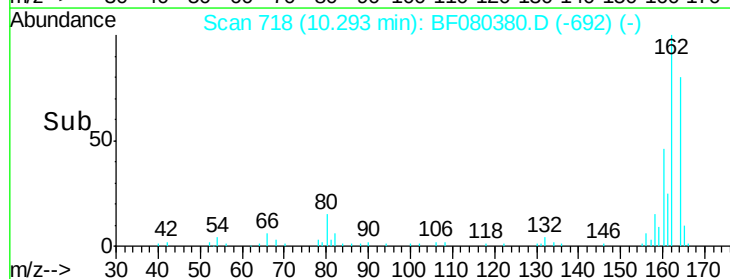
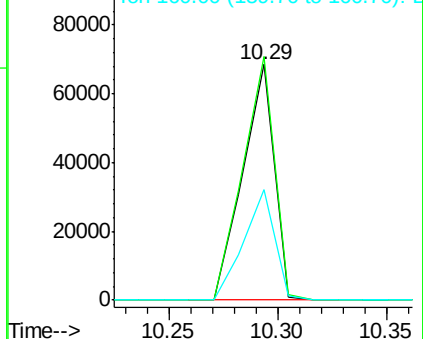


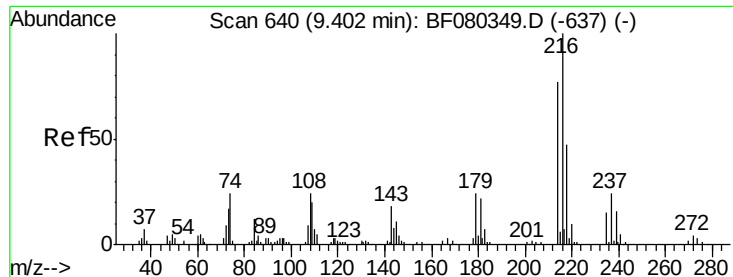
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion:164 Resp: 68658
 Ion Ratio Lower Upper
 164 100
 162 103.4 84.5 126.7
 160 47.1 37.7 56.5



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: 41.86 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

Tgt Ion:216 Resp: 91092

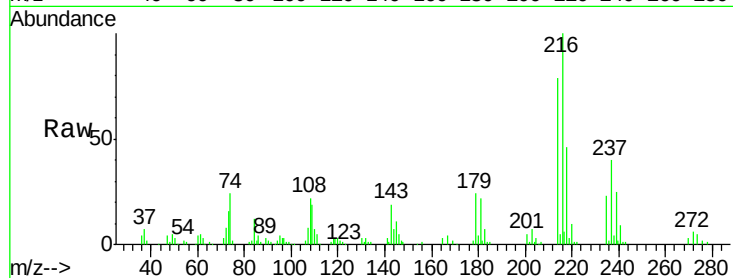
Ion Ratio Lower Upper

216 100

214 78.6 61.2 91.8

179 21.8 16.9 25.3

108 20.8 16.2 24.4

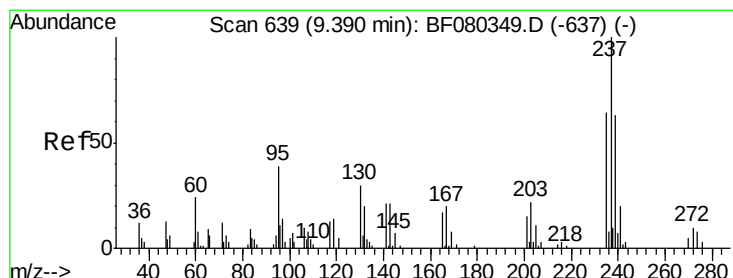
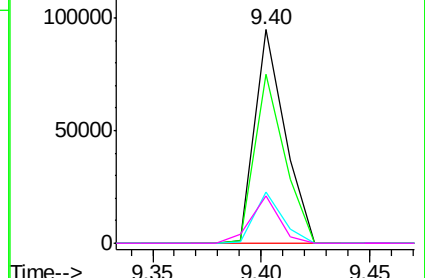
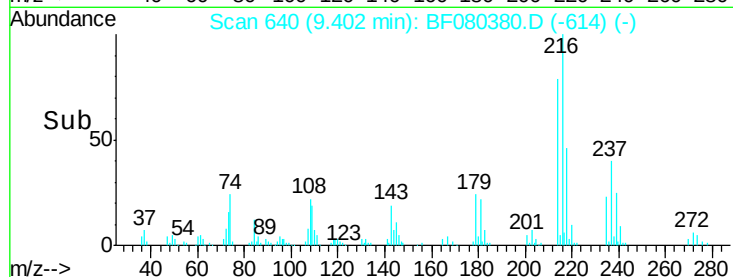


Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.71 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

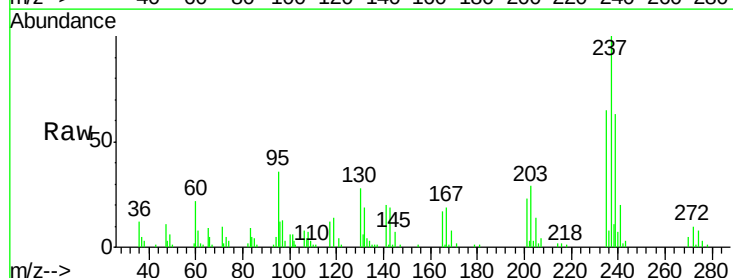
Tgt Ion:237 Resp: 63148

Ion Ratio Lower Upper

237 100

235 65.2 44.2 84.2

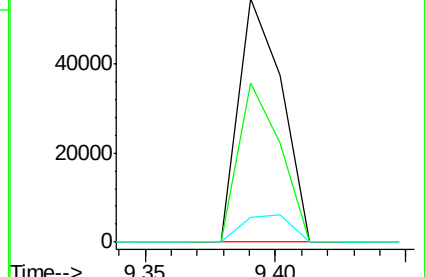
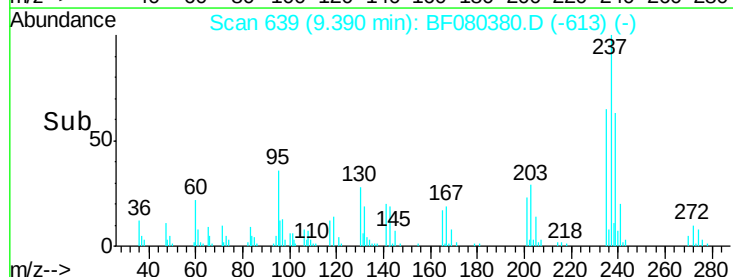
272 10.2 0.0 29.7

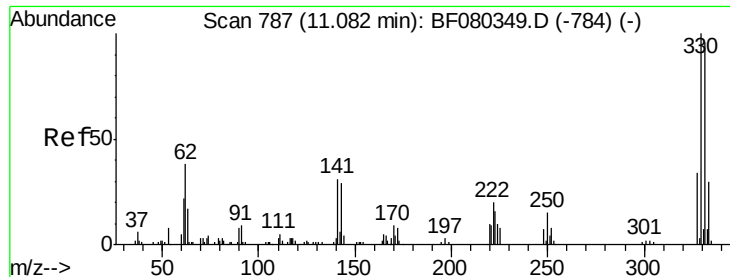


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

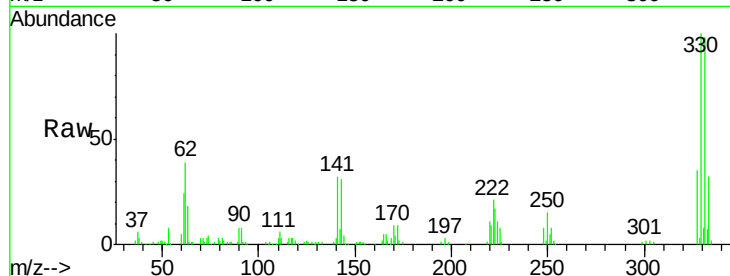




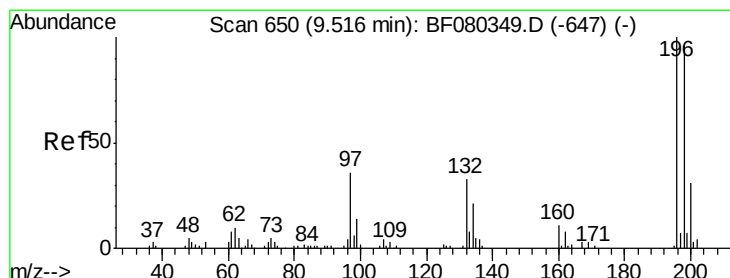
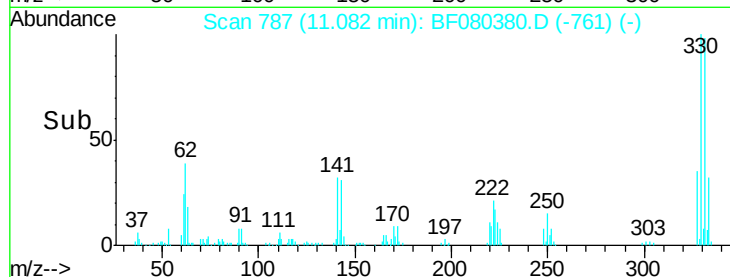
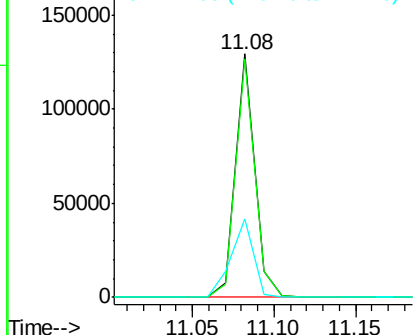
#41
 2,4,6-Tribromophenol
 Concen: 145.44 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

Tgt Ion:330 Resp: 104486
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.4
 141 37.5 29.6 44.4

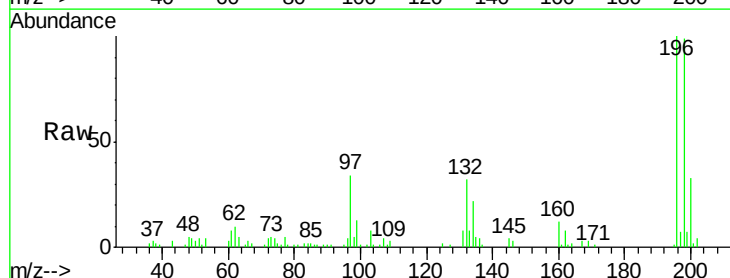


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

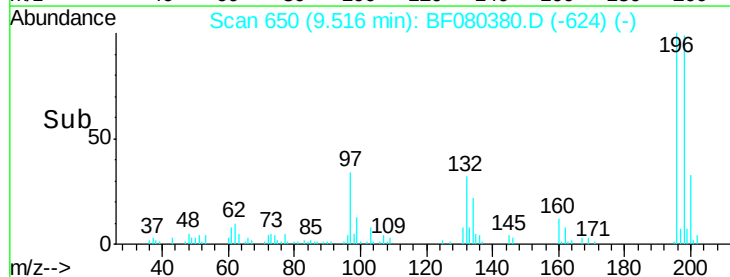
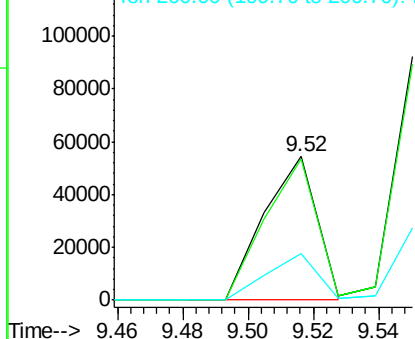


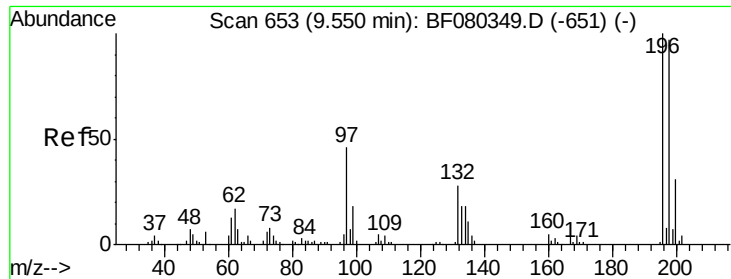
#42
 2,4,6-Trichlorophenol
 Concen: 42.55 ng
 RT: 9.52 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion:196 Resp: 60986
 Ion Ratio Lower Upper
 196 100
 198 98.7 76.4 114.6
 200 32.8 24.6 37.0



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

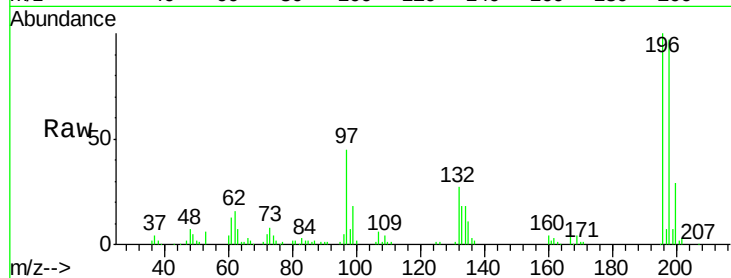




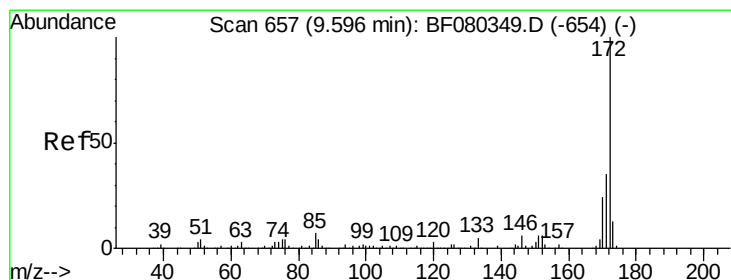
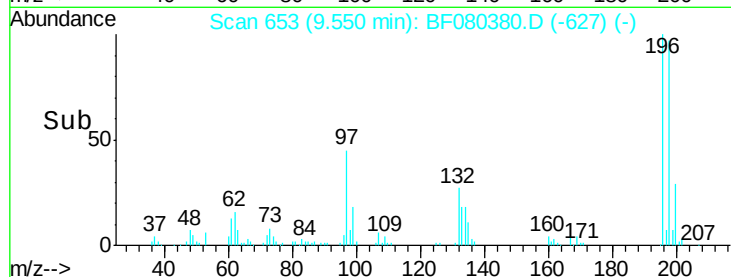
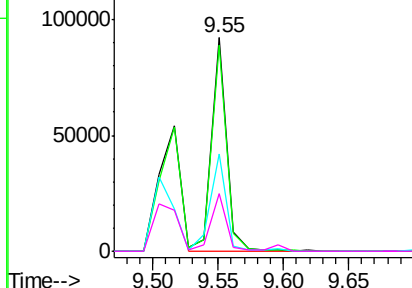
#43
 2,4,5-Trichlorophenol
 Concen: 44.42 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

Tgt Ion:196 Resp: 74210
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.2 115.8
 97 45.4 37.0 55.6
 132 27.1 22.2 33.2

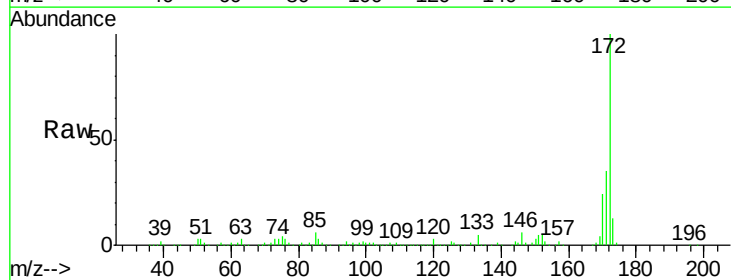


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

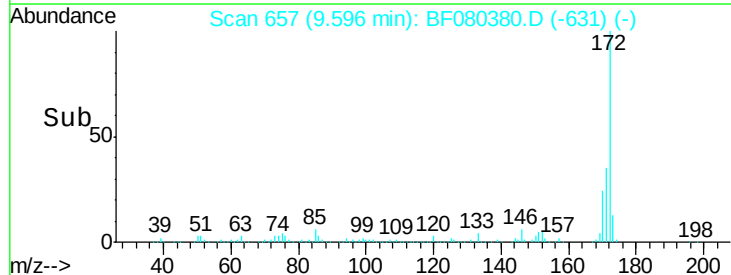
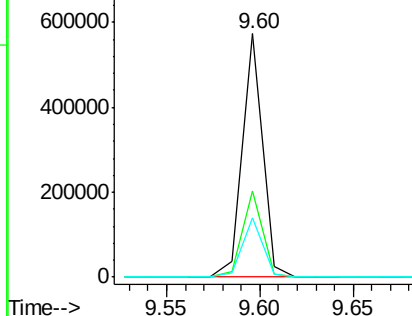


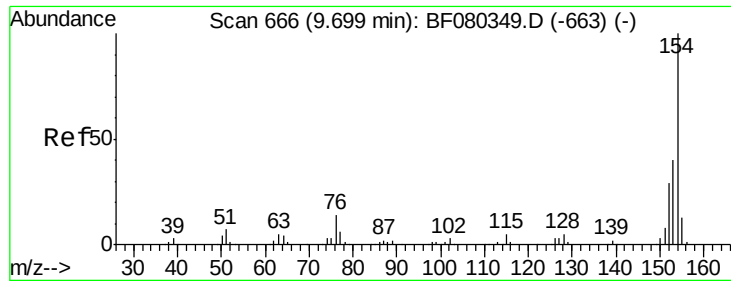
#44
 2-Fluorobiphenyl
 Concen: 85.71 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion:172 Resp: 436068
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 24.3 19.1 28.7



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

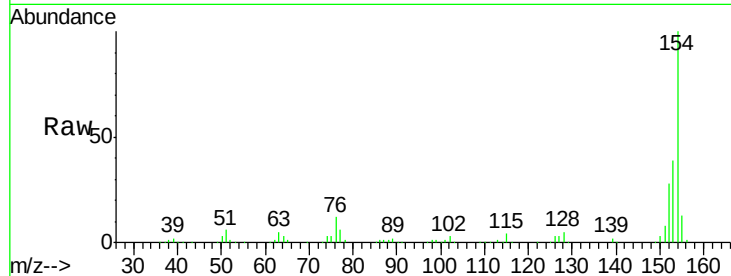




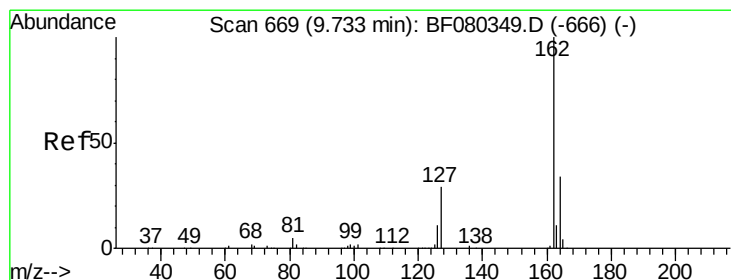
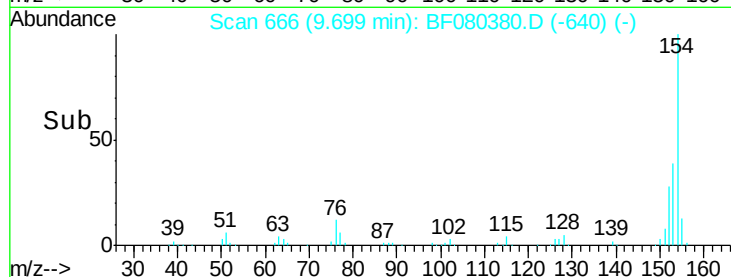
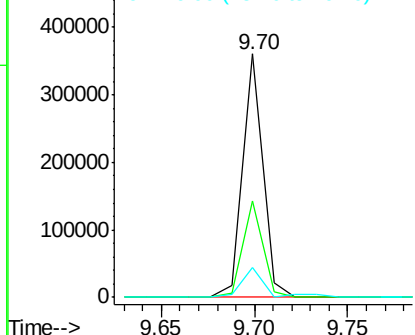
#45
 1,1'-Biphenyl
 Concen: 44.92 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

Tgt Ion:154 Resp: 273745
 Ion Ratio Lower Upper
 154 100
 153 39.4 19.8 59.8
 76 12.2 0.0 33.6

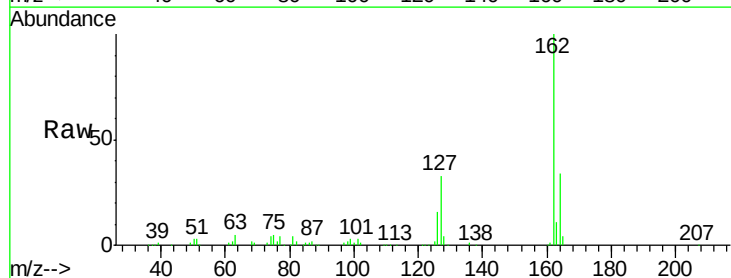


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

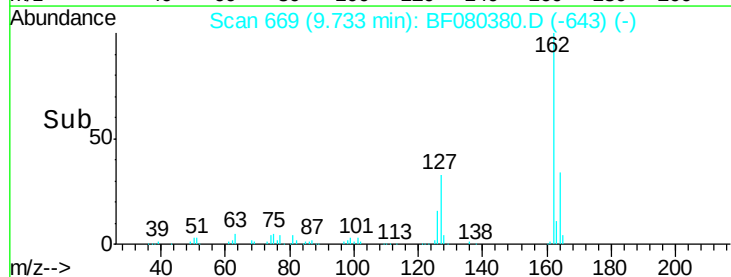
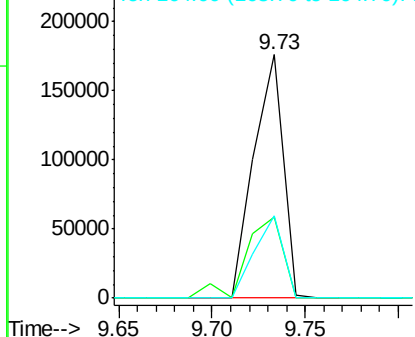


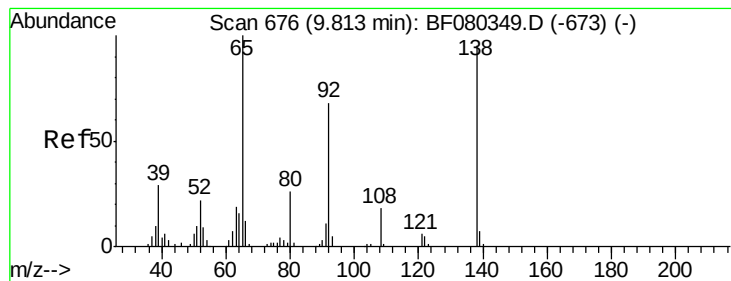
#46
 2-Chloronaphthalene
 Concen: 41.15 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion:162 Resp: 191228
 Ion Ratio Lower Upper
 162 100
 127 33.0 27.3 40.9
 164 33.6 27.2 40.8



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: 48.03 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

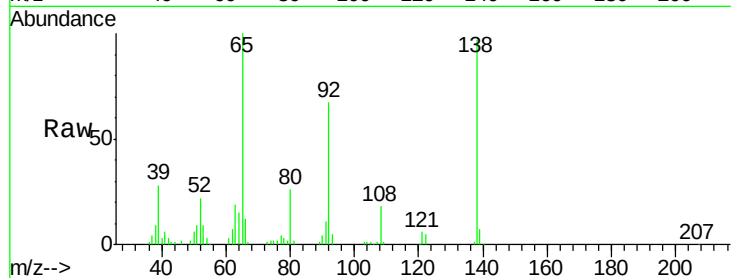
Tgt Ion: 65 Resp: 62450

Ion Ratio Lower Upper

65 100

92 67.0 54.2 81.2

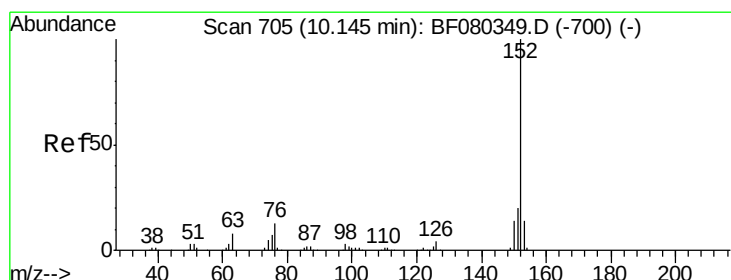
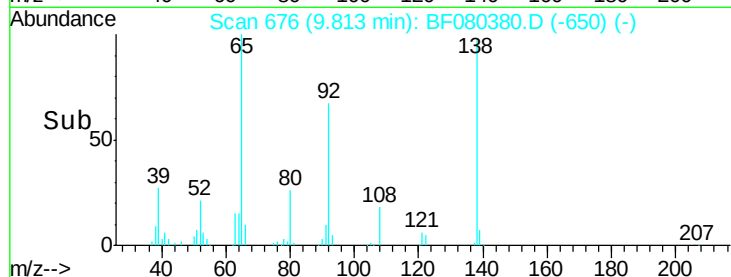
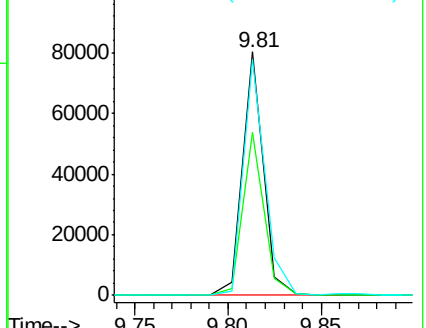
138 96.9 76.1 114.1



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 39.98 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

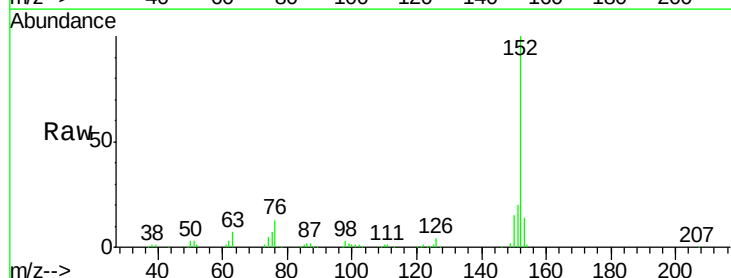
Tgt Ion: 152 Resp: 309199

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

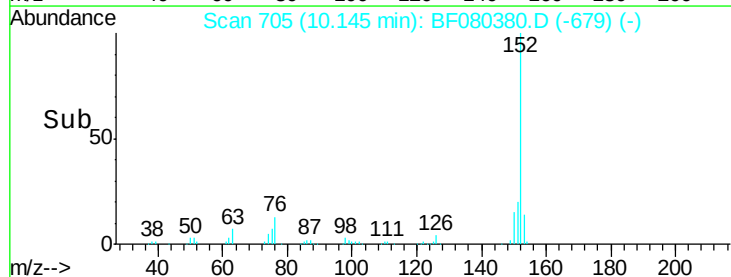
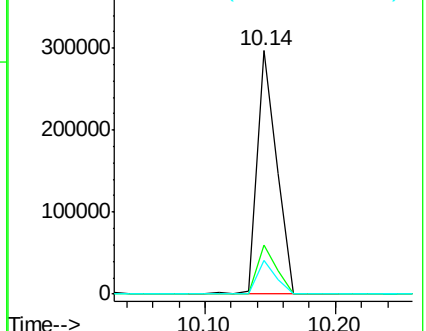
153 13.9 11.0 16.4

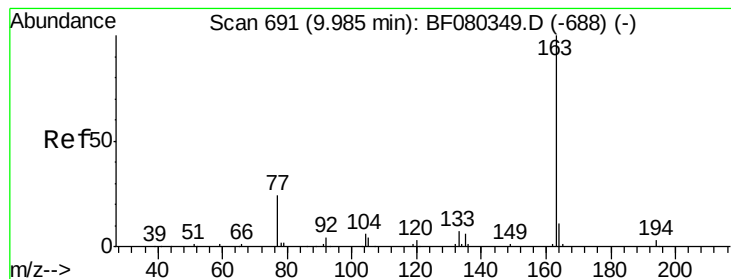


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 62.23 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

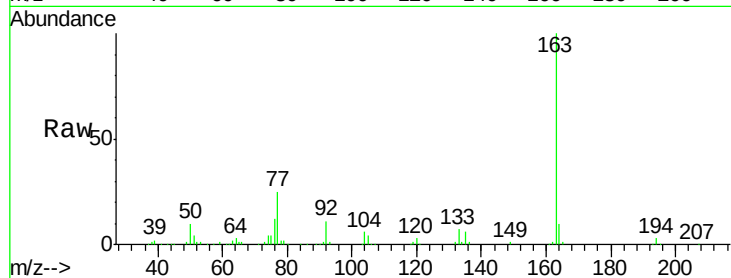
Tgt Ion:163 Resp: 343041

Ion Ratio Lower Upper

163 100

194 3.1 2.6 3.8

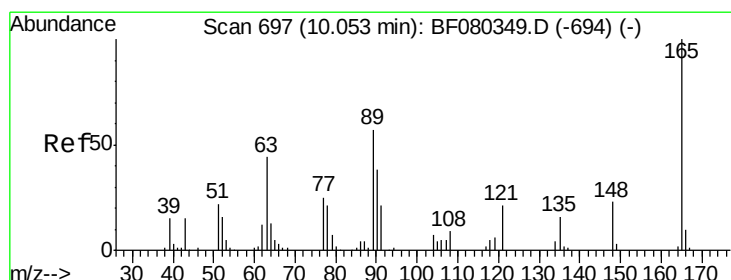
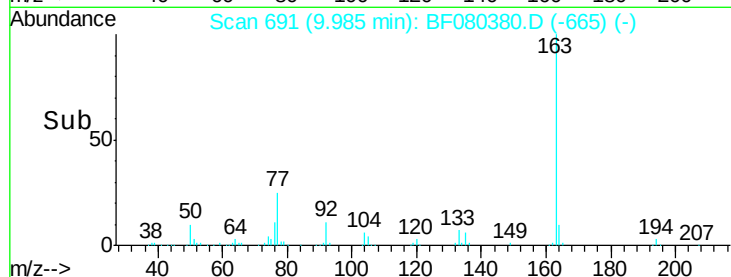
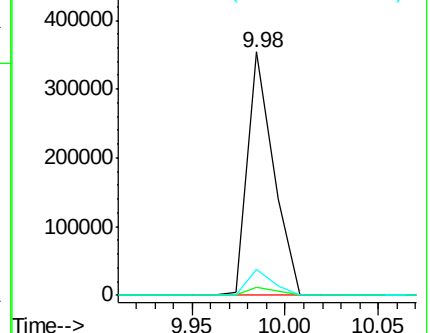
164 10.4 8.5 12.7



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: 44.42 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

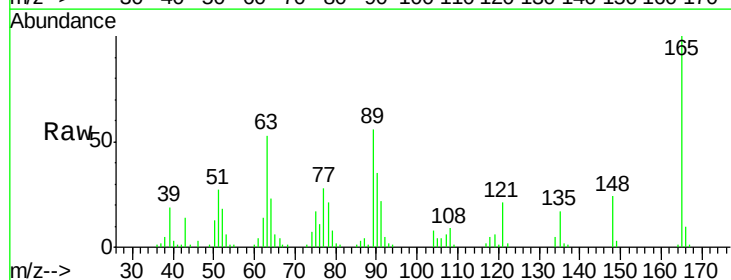
Tgt Ion:165 Resp: 51195

Ion Ratio Lower Upper

165 100

63 52.9 44.8 67.2

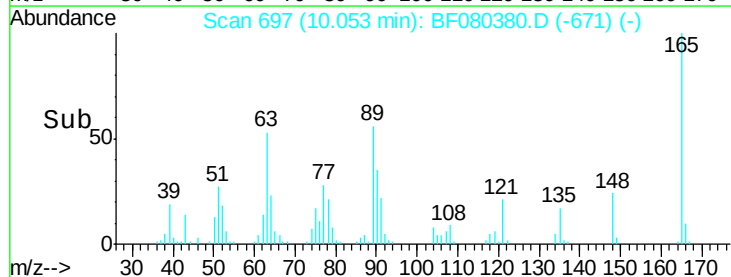
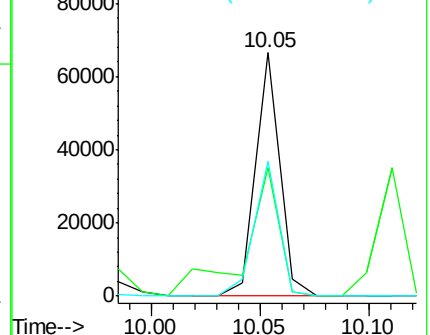
89 55.5 45.9 68.9

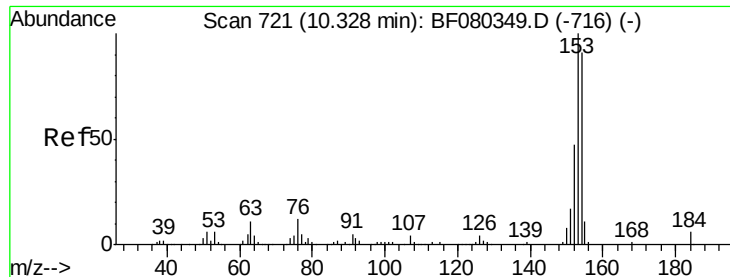


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.62 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

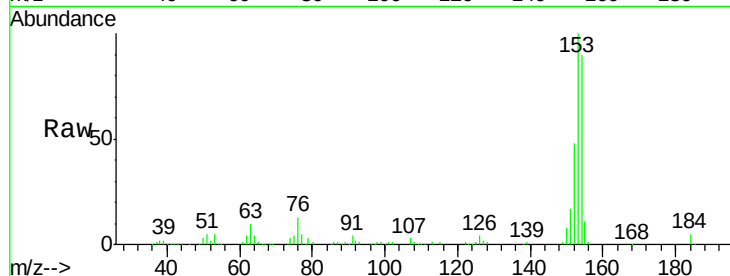
Tgt Ion:154 Resp: 188070

Ion Ratio Lower Upper

154 100

153 110.9 88.1 132.1

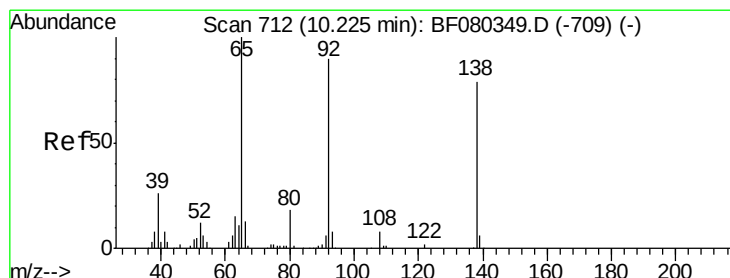
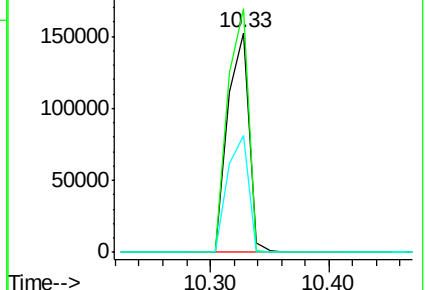
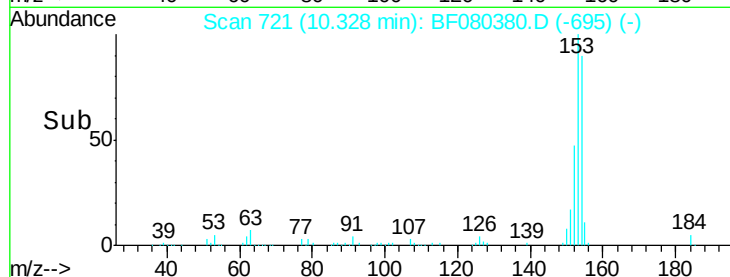
152 53.1 41.8 62.6



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: 35.87 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

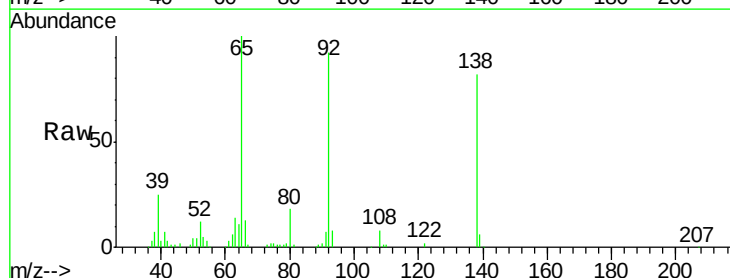
Tgt Ion:138 Resp: 46587

Ion Ratio Lower Upper

138 100

108 10.1 7.8 11.8

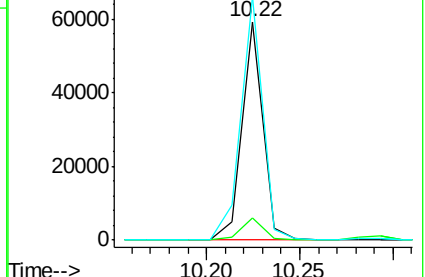
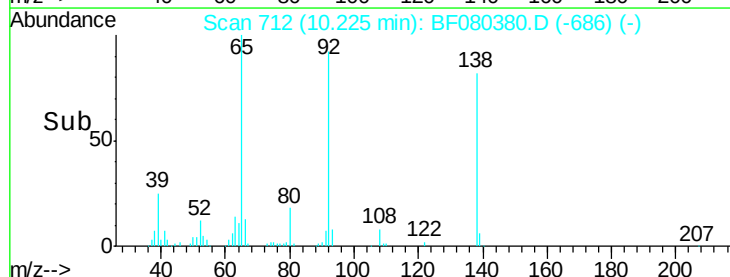
92 111.5 91.0 136.6

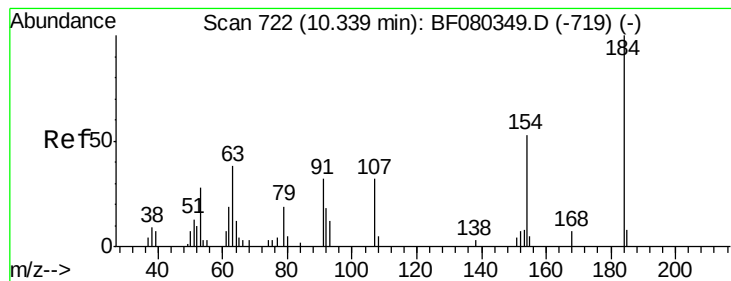


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 35.63 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

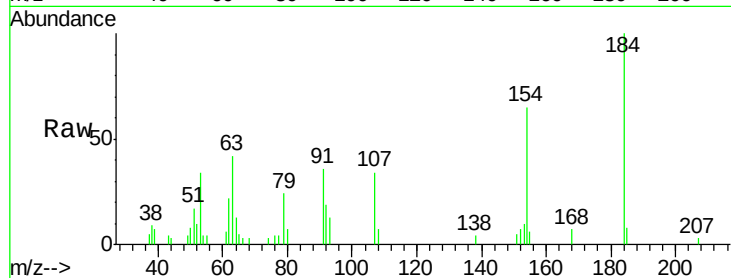
Tgt Ion:184 Resp: 15512

Ion Ratio Lower Upper

184 100

63 41.5 30.6 46.0

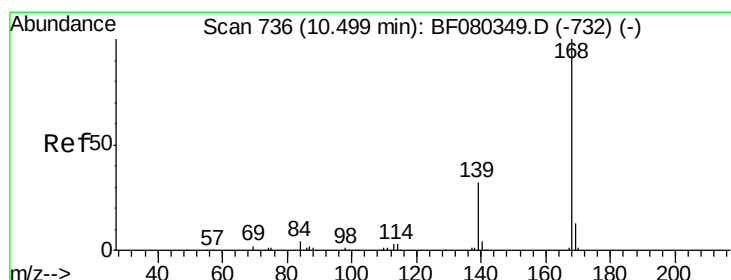
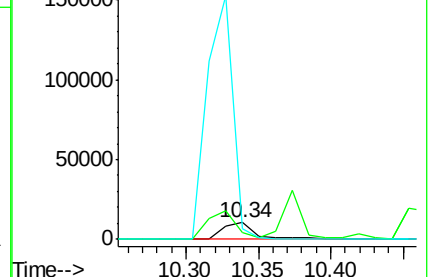
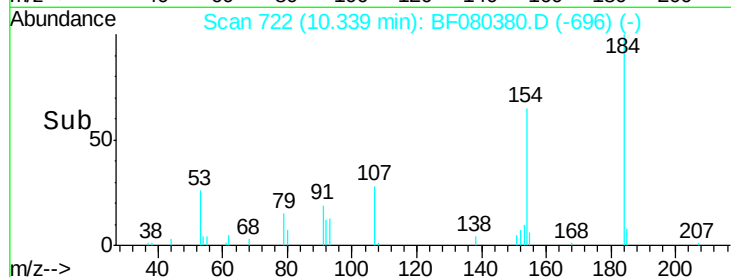
154 65.2 45.3 67.9



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: 42.16 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

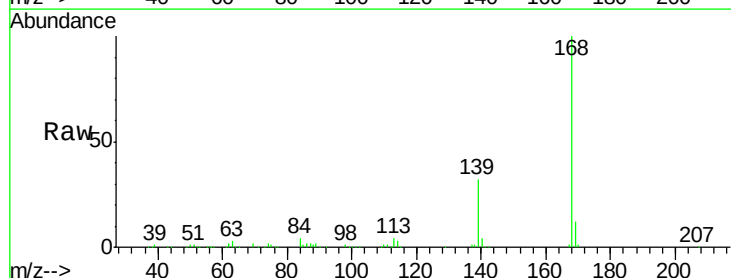
Tgt Ion:168 Resp: 277544

Ion Ratio Lower Upper

168 100

139 31.8 25.9 38.9

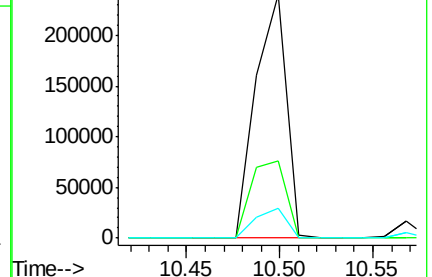
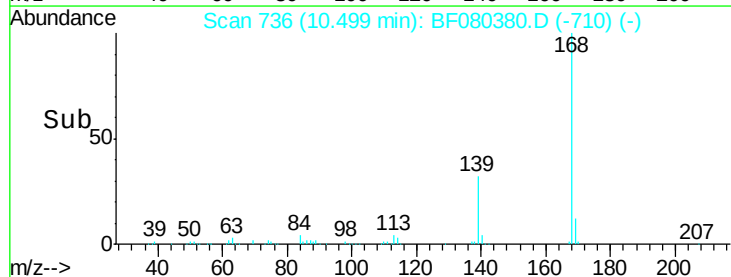
169 12.3 10.3 15.5

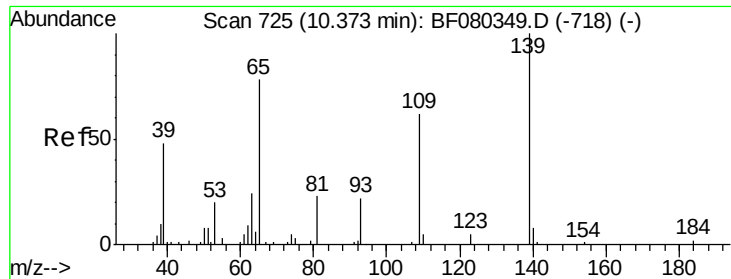


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 95.14 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

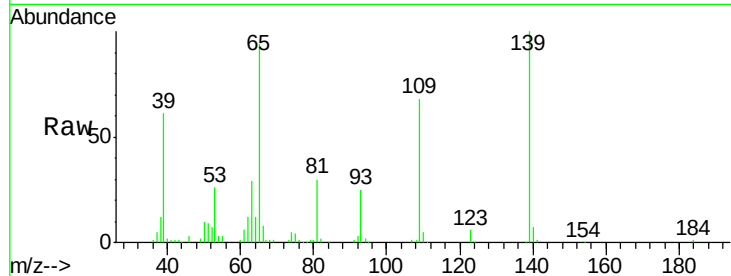
Tgt Ion:139 Resp: 90561

Ion Ratio Lower Upper

139 100

109 67.8 42.3 82.3

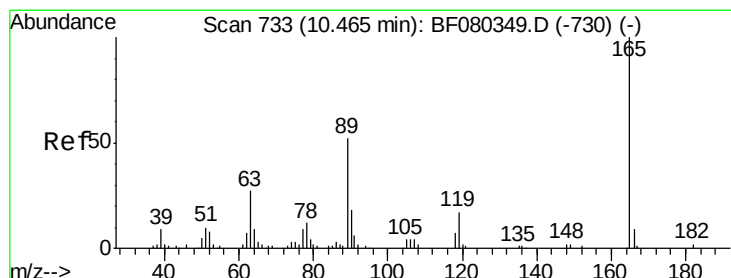
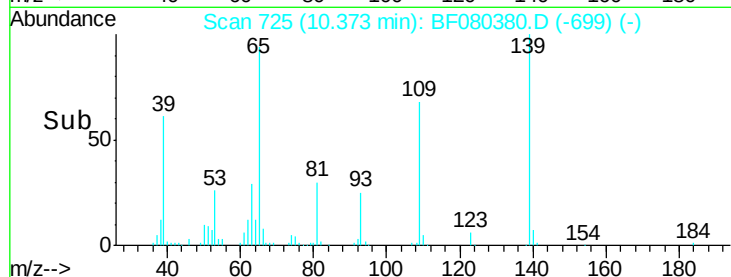
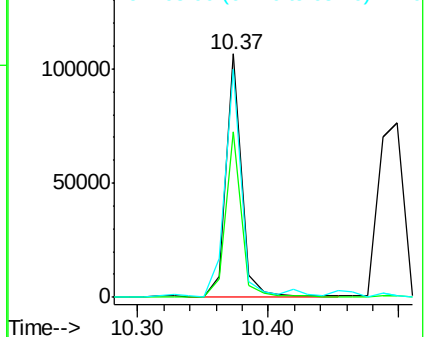
65 93.7 58.5 98.5



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



#56

2,4-Dinitrotoluene

Concen: 45.35 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Tgt Ion:165 Resp: 67216

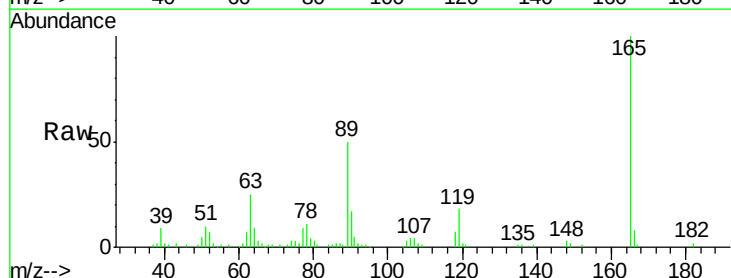
Ion Ratio Lower Upper

165 100

63 25.0 21.8 32.8

89 50.2 41.3 61.9

182 2.4 1.8 2.6

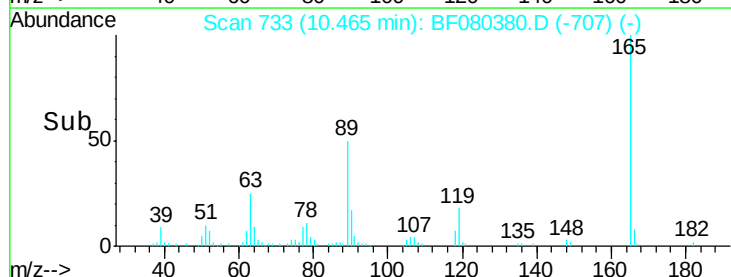
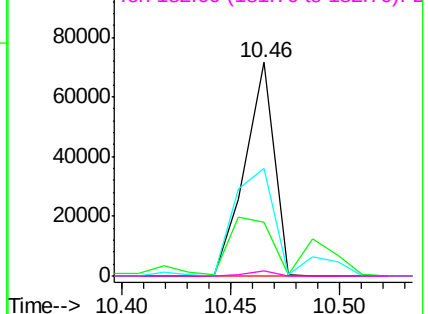


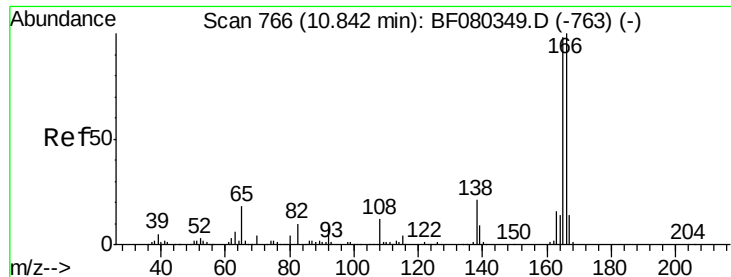
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.54 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

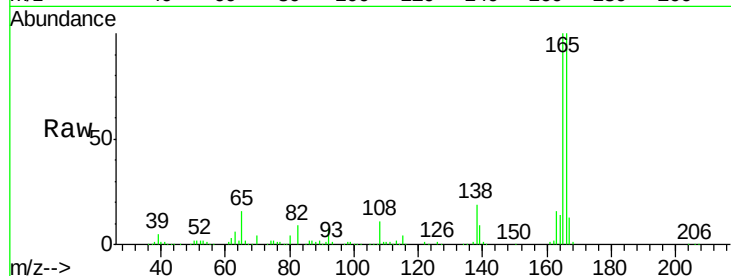
Tgt Ion:166 Resp: 241136

Ion Ratio Lower Upper

166 100

165 99.8 78.6 117.8

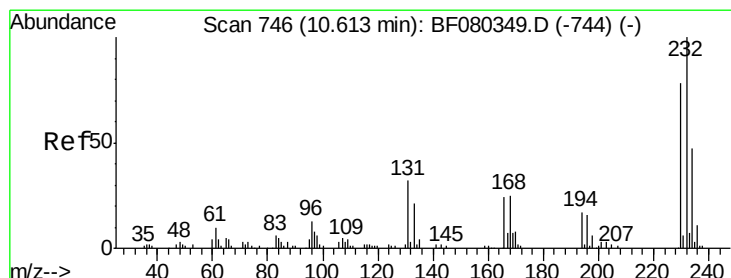
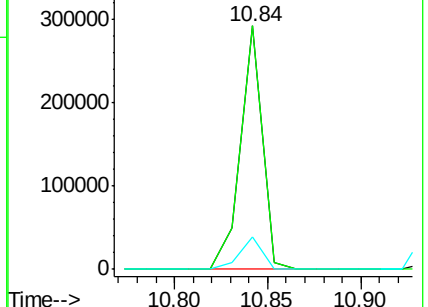
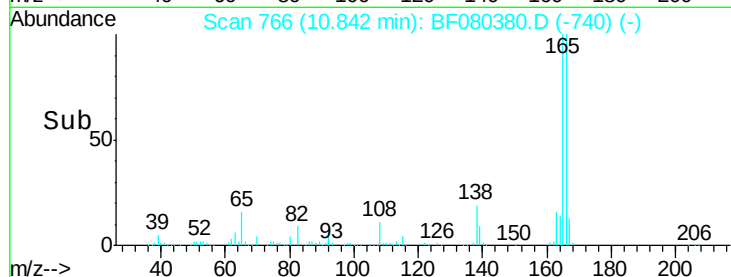
167 13.1 10.8 16.2



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: 42.83 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Tgt Ion:232 Resp: 57318

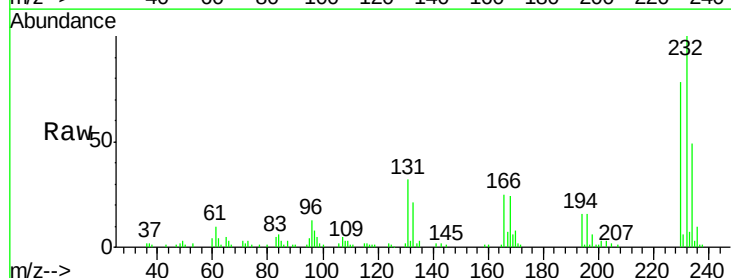
Ion Ratio Lower Upper

232 100

131 42.6 33.4 50.2

130 2.0 1.8 2.6

166 29.0 22.1 33.1

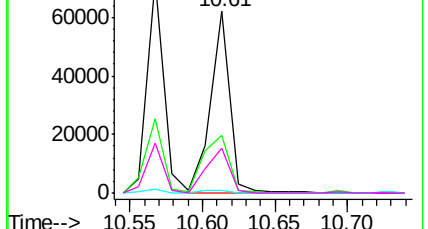
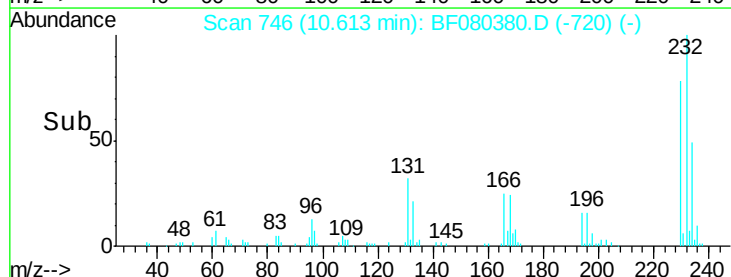


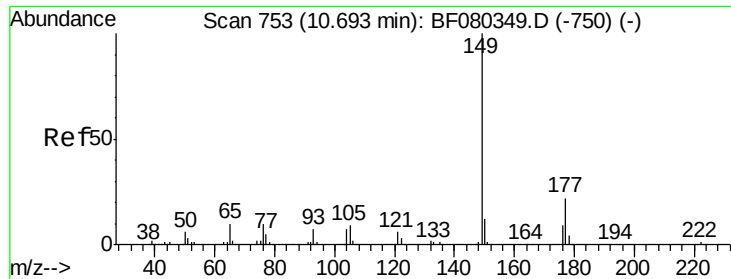
Abundance Ion 232.00 (231.70 to 232.70): E

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

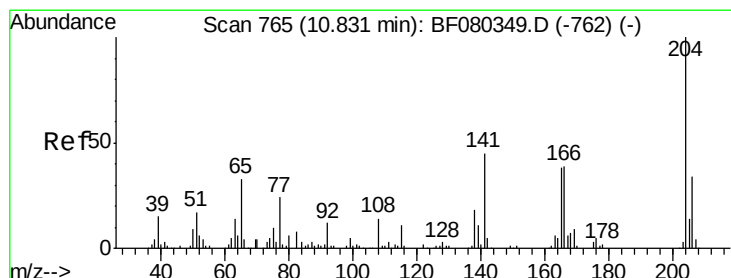
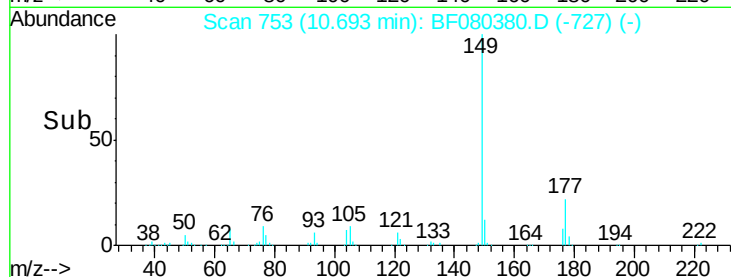
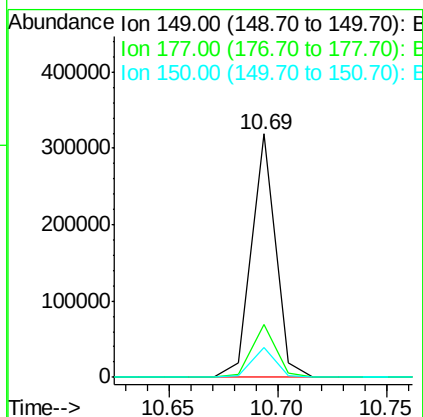
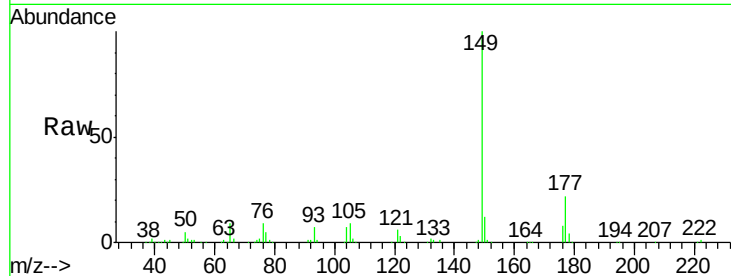




#59
Diethylphthalate
Concen: 44.48 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

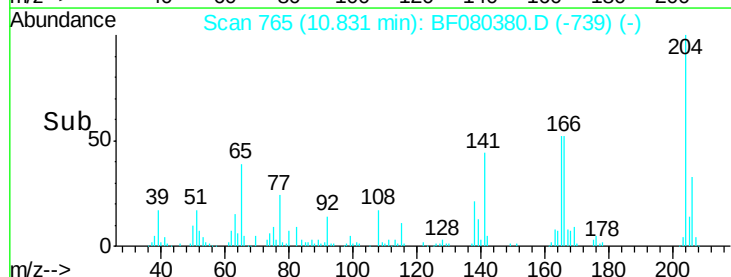
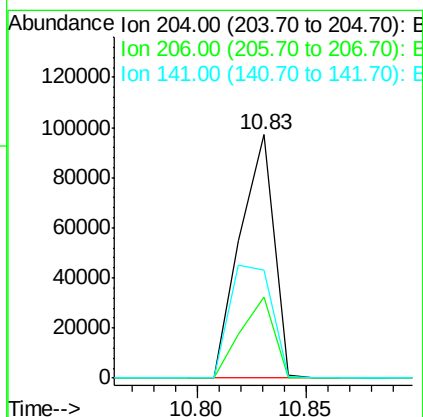
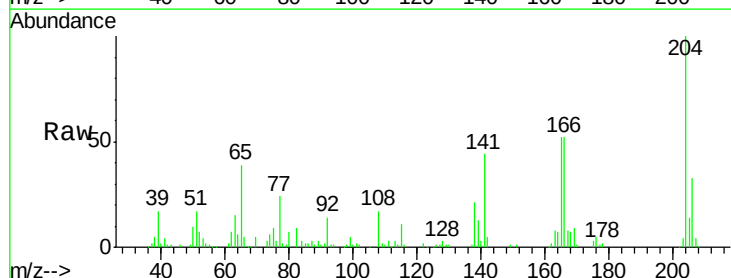
Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

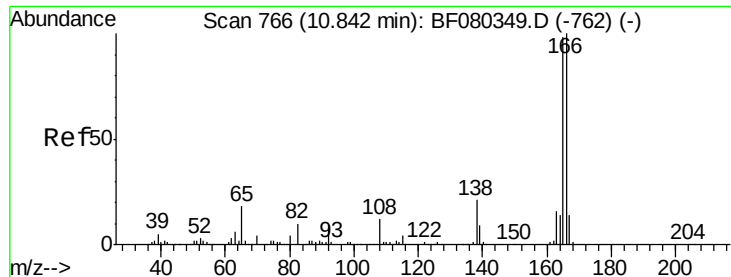
Tgt Ion:149 Resp: 244904
Ion Ratio Lower Upper
149 100
177 21.7 17.6 26.4
150 12.2 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 41.90 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Tgt Ion:204 Resp: 105113
Ion Ratio Lower Upper
204 100
206 33.3 27.2 40.8
141 44.1 35.9 53.9

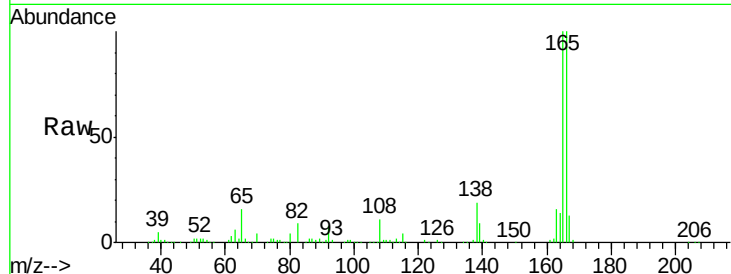




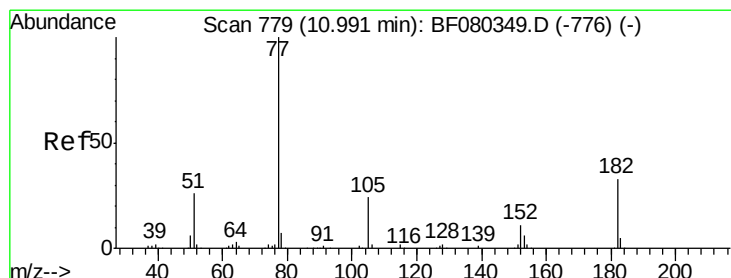
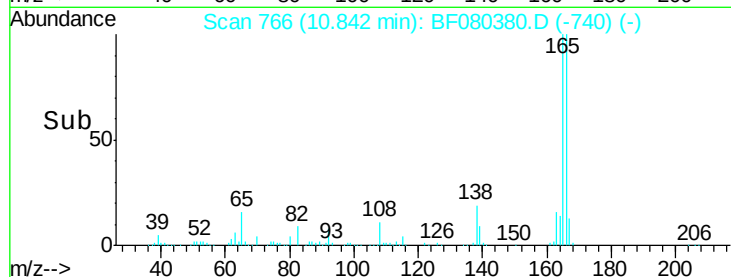
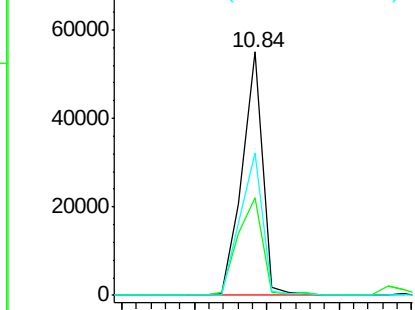
#61
4-Nitroaniline
Concen: 42.79 ng
RT: 10.84 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

Tgt Ion:138 Resp: 53945
Ion Ratio Lower Upper
138 100
92 40.3 21.0 61.0
108 58.6 38.4 78.4

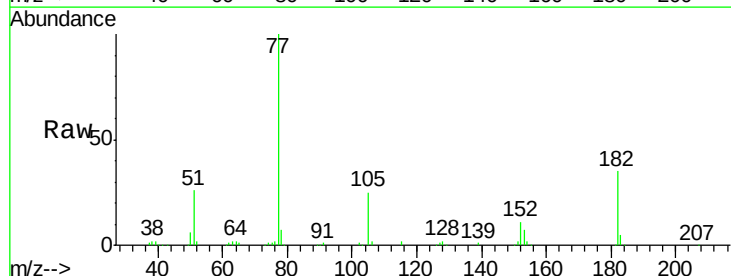


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

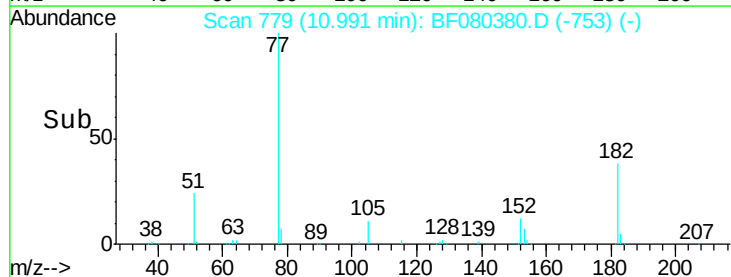
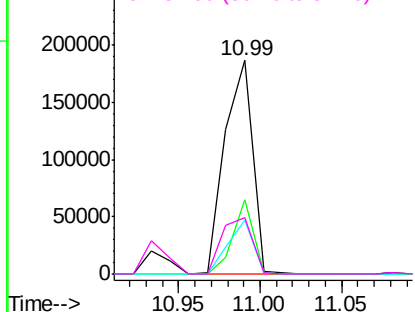


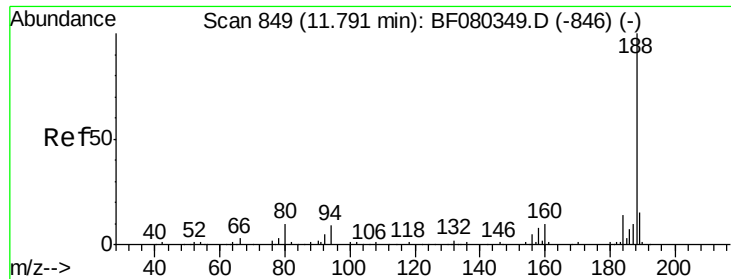
#62
Azobenzene
Concen: 41.70 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Tgt Ion: 77 Resp: 218113
Ion Ratio Lower Upper
77 100
182 35.0 13.2 53.2
105 25.1 4.3 44.3
51 26.5 6.3 46.3



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: 11.79 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

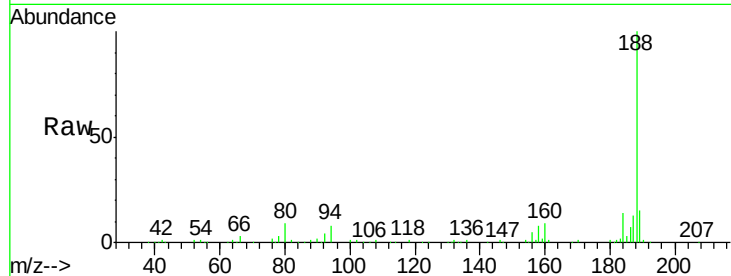
Tgt Ion:188 Resp: 145812

Ion Ratio Lower Upper

188 100

94 7.8 7.5 11.3

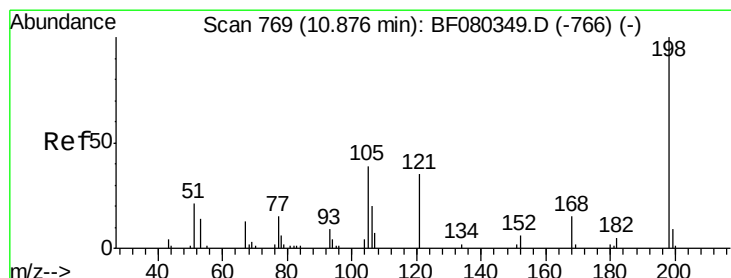
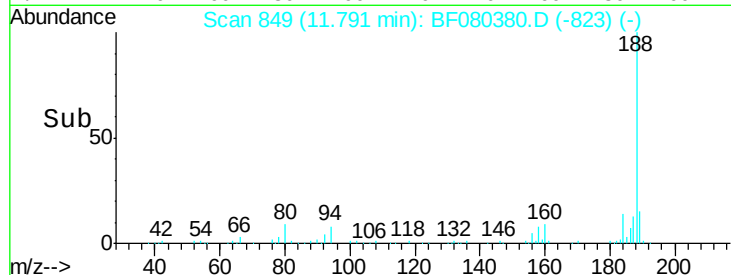
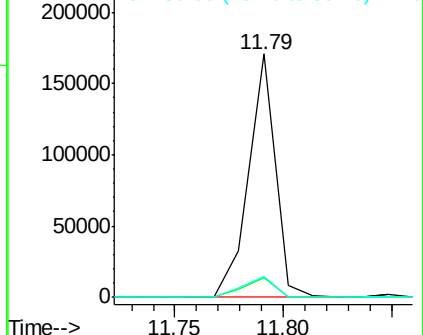
80 8.6 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 33.35 ng

RT: 10.88 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

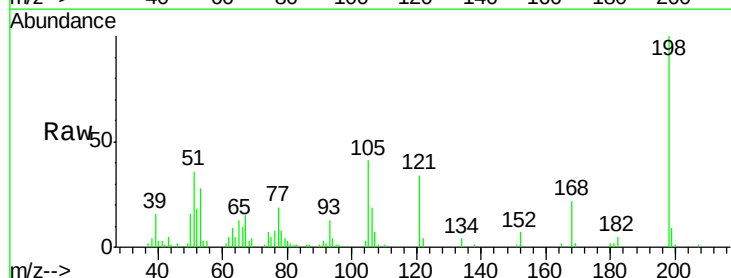
Tgt Ion:198 Resp: 26761

Ion Ratio Lower Upper

198 100

51 36.0 17.0 57.0

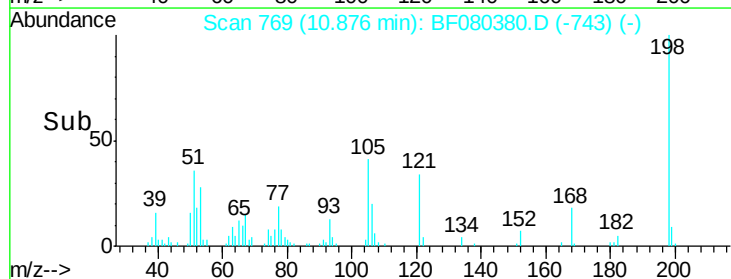
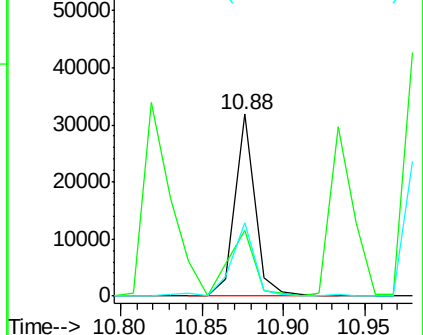
105 40.7 20.9 60.9

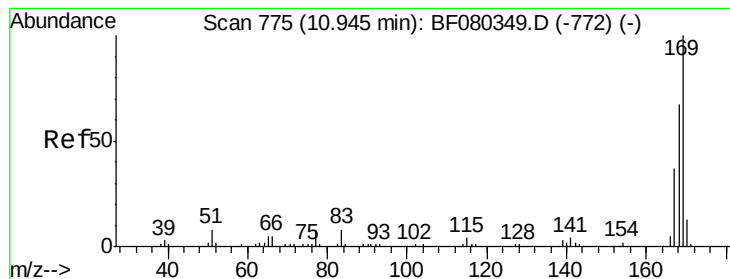


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

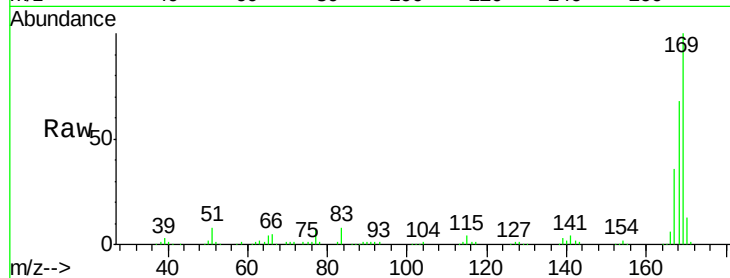




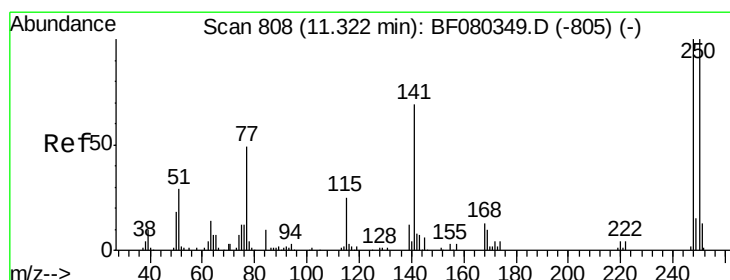
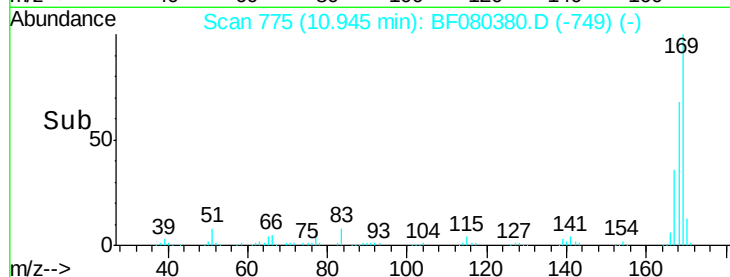
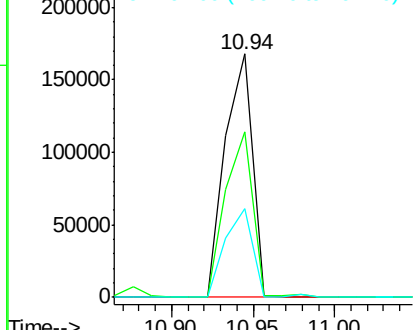
#65
 n-Nitrosodiphenylamine
 Concen: 41.65 ng
 RT: 10.94 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

Tgt Ion:169 Resp: 193426
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.5 80.3
 167 36.4 29.5 44.3

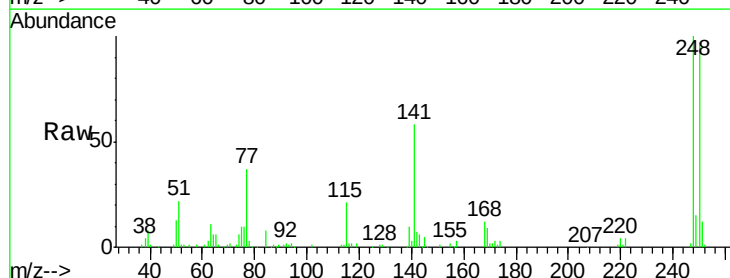


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

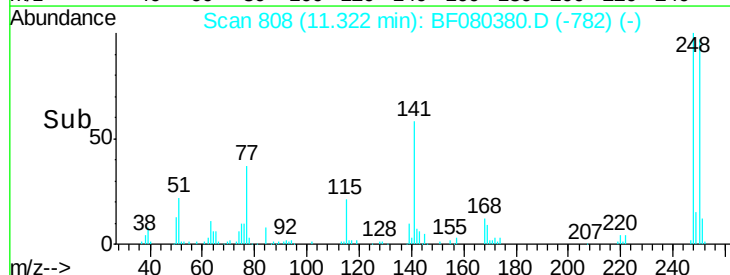
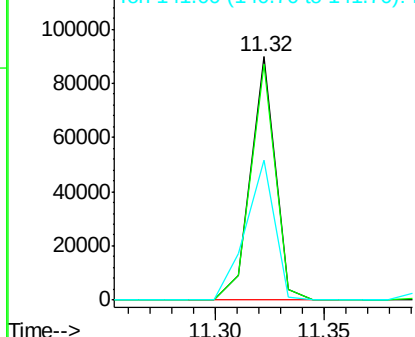


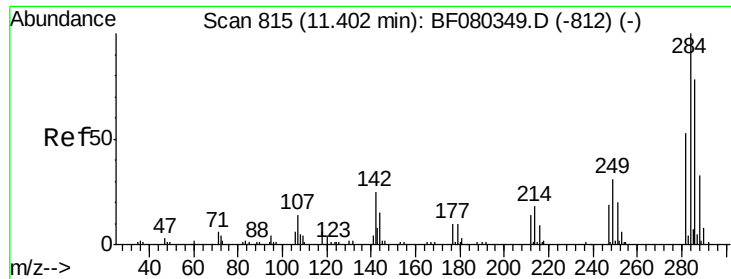
#66
 4-Bromophenyl-phenylether
 Concen: 42.24 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion:248 Resp: 70552
 Ion Ratio Lower Upper
 248 100
 250 96.7 80.0 120.0
 141 57.7 54.8 82.2



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: 40.95 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

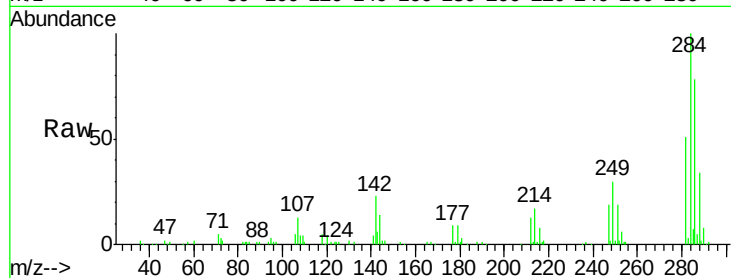
Tgt Ion:284 Resp: 71748

Ion Ratio Lower Upper

284 100

142 22.5 20.3 30.5

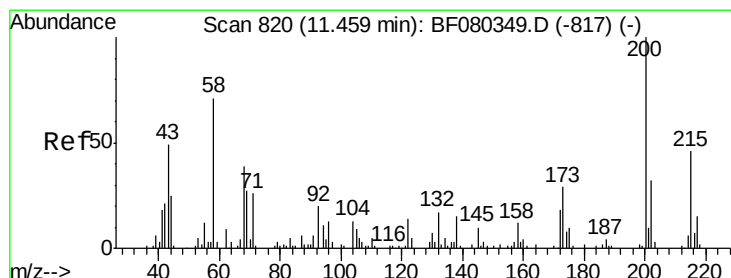
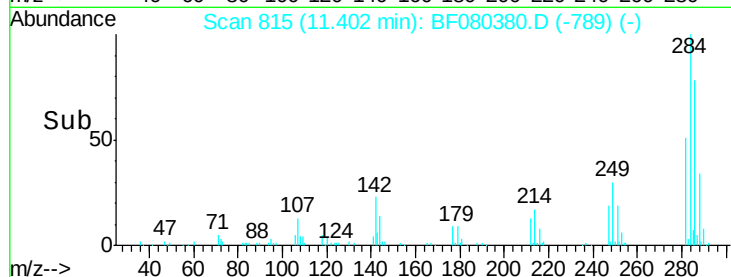
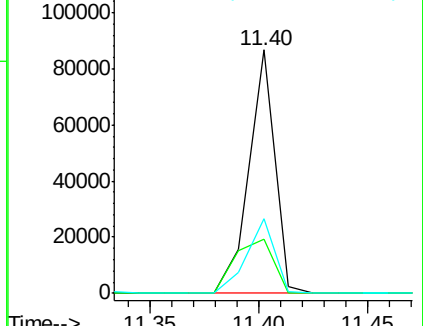
249 30.4 24.7 37.1



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: 48.31 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

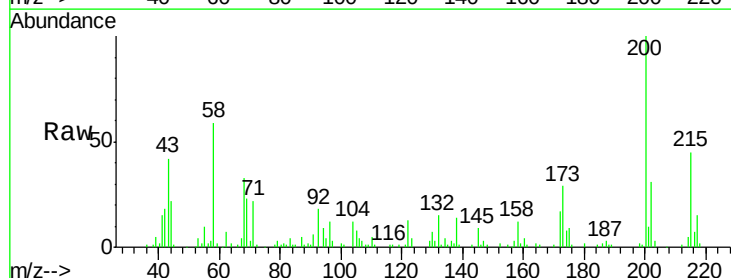
Tgt Ion:200 Resp: 66793

Ion Ratio Lower Upper

200 100

173 29.1 9.9 49.9

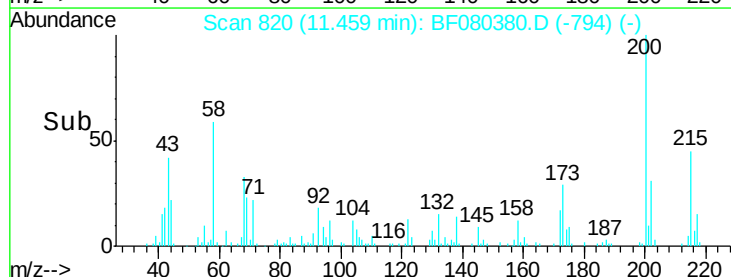
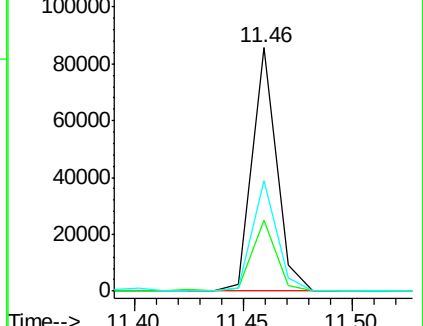
215 45.5 26.2 66.2

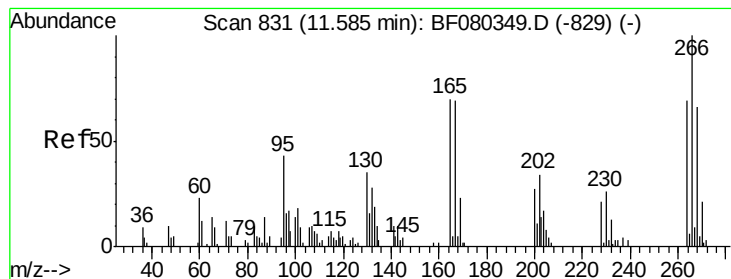


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 74.38 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

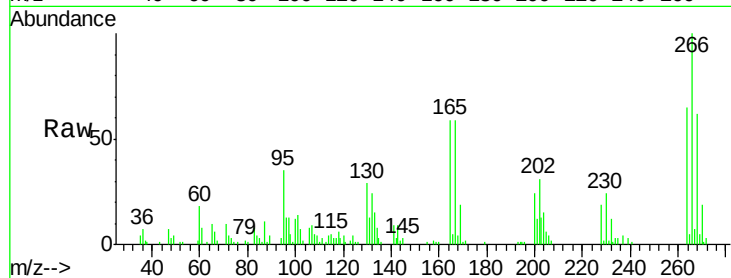
Tgt Ion:266 Resp: 64443

Ion Ratio Lower Upper

266 100

268 62.2 52.7 79.1

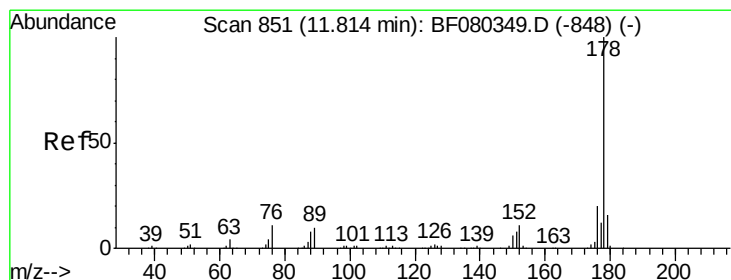
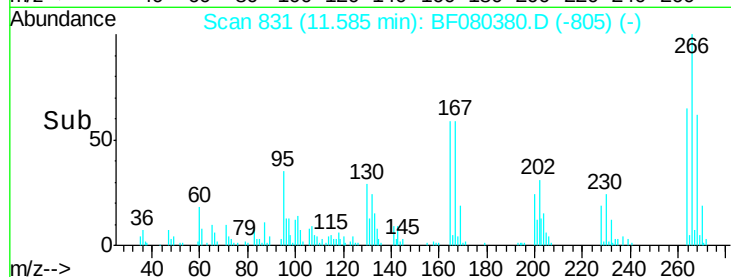
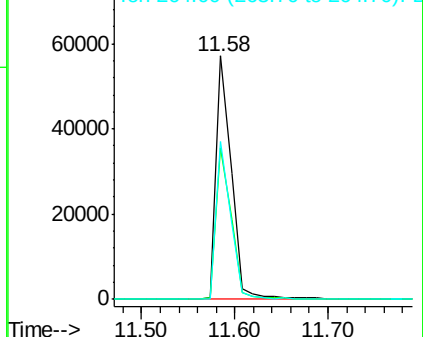
264 65.1 55.0 82.6



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: 41.25 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

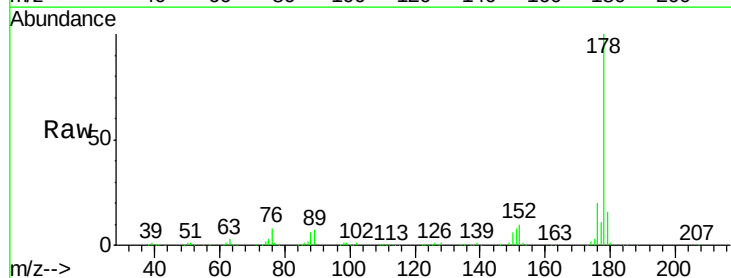
Tgt Ion:178 Resp: 360746

Ion Ratio Lower Upper

178 100

176 19.7 16.1 24.1

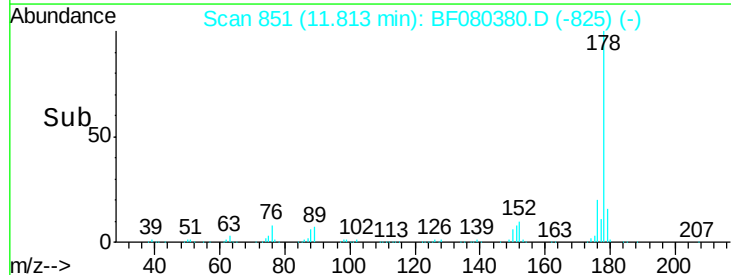
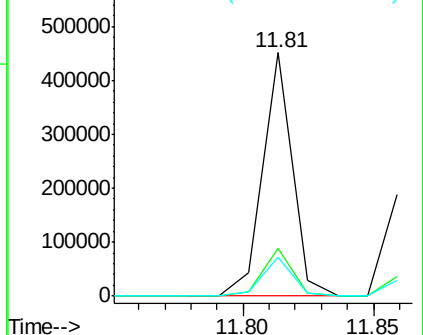
179 15.9 12.6 18.8

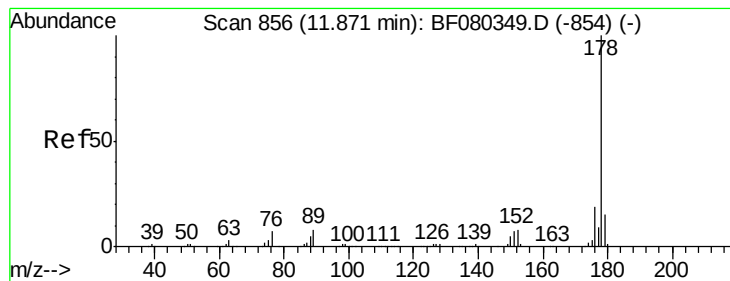


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.08 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

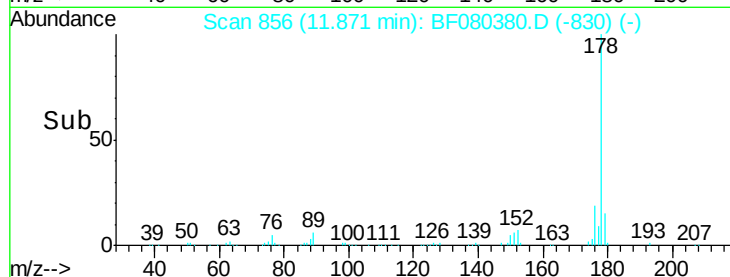
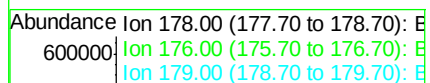
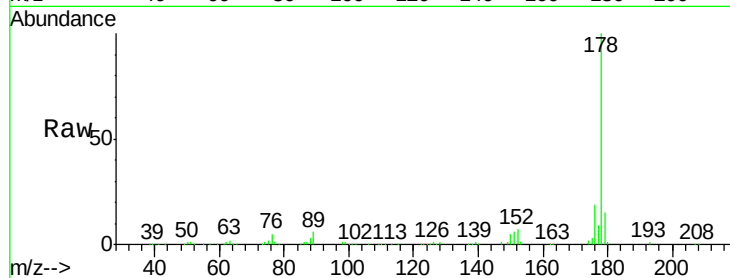
Tgt Ion:178 Resp: 343723

Ion Ratio Lower Upper

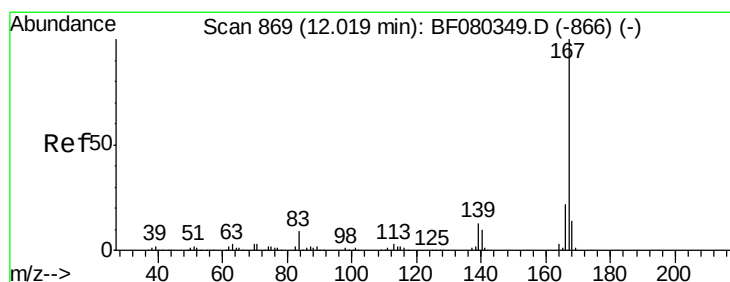
178 100

176 19.0 15.3 22.9

179 14.7 12.3 18.5



Time-->



#72

Carbazole

Concen: 42.93 ng

RT: 12.02 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

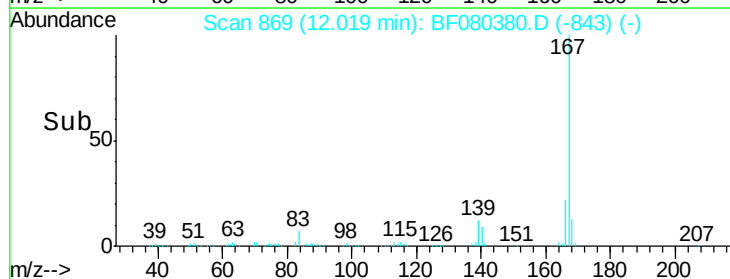
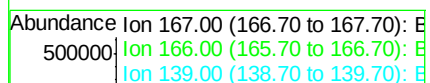
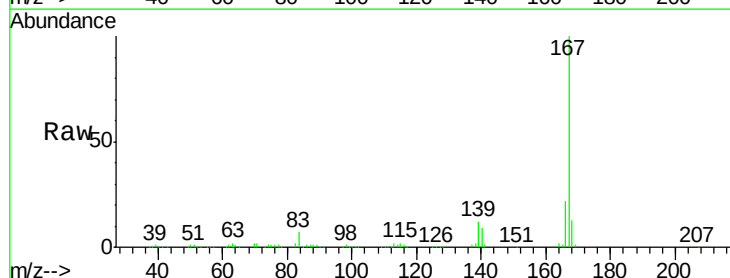
Tgt Ion:167 Resp: 343330

Ion Ratio Lower Upper

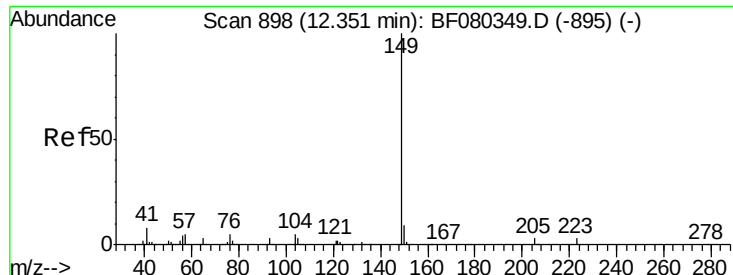
167 100

166 21.9 17.8 26.6

139 12.0 10.4 15.6



Time-->



#73

Di-n-butylphthalate

Concen: 38.78 ng

RT: 12.35 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

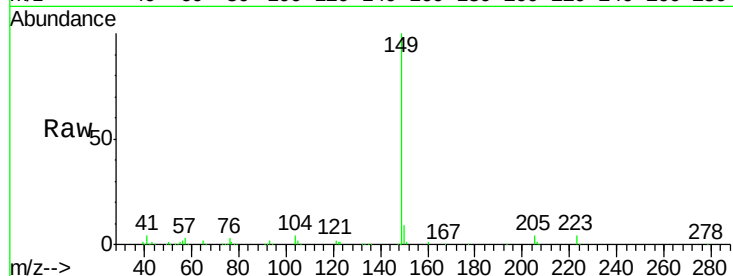
Tgt Ion:149 Resp: 354822

Ion Ratio Lower Upper

149 100

150 8.7 7.5 11.3

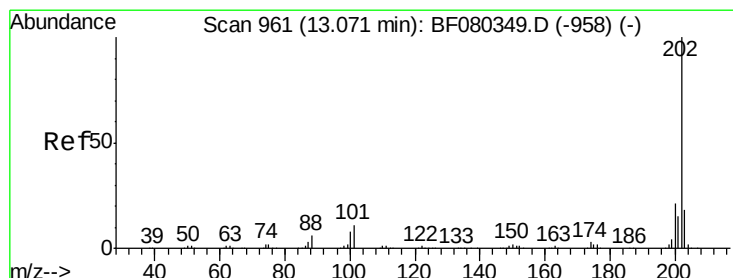
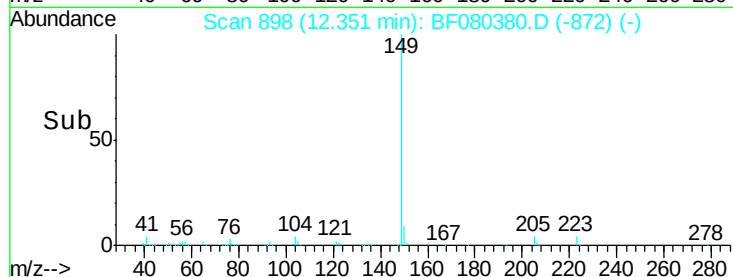
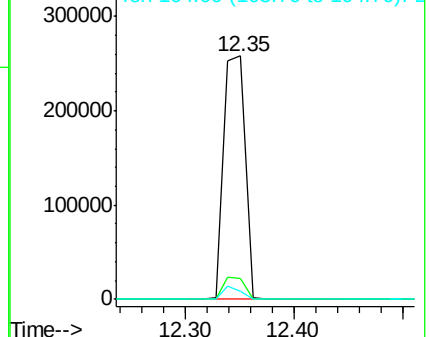
104 3.5 3.9 5.9#



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: 41.22 ng

RT: 13.06 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

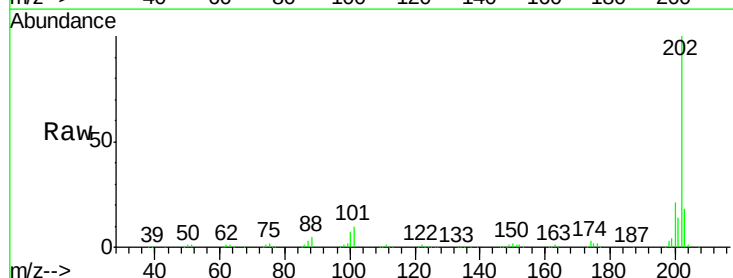
Tgt Ion:202 Resp: 387373

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.0

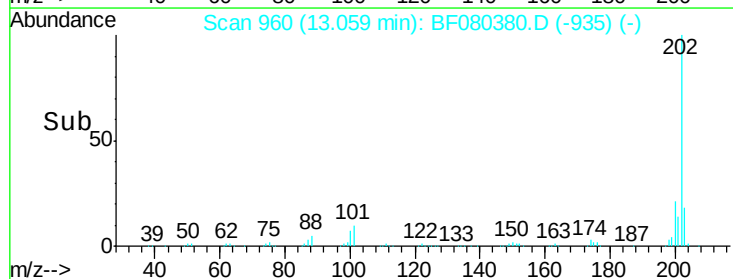
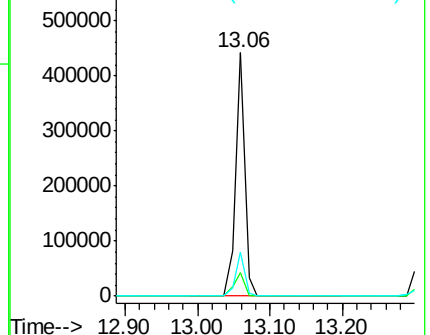
203 17.9 0.0 37.6

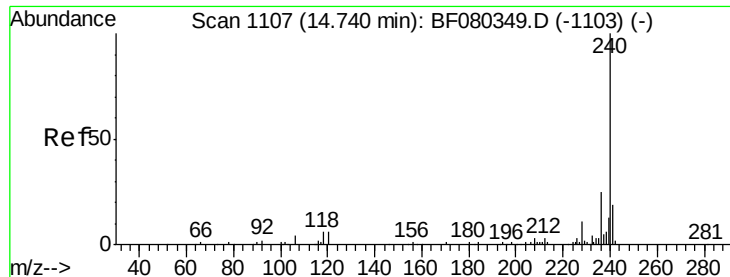


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.73 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

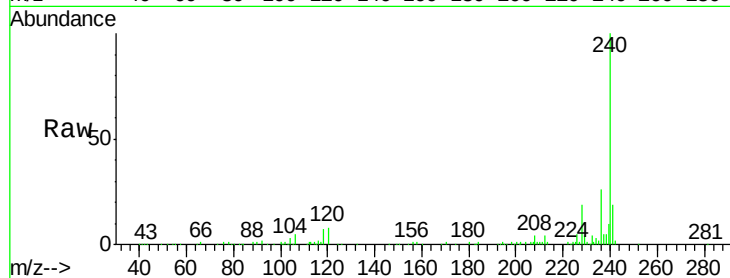
Tgt Ion:240 Resp: 154324

Ion Ratio Lower Upper

240 100

120 8.1 5.1 7.7#

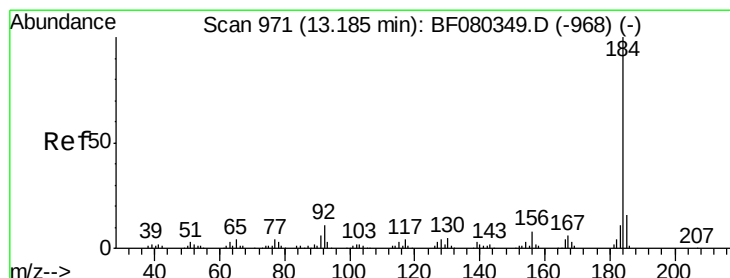
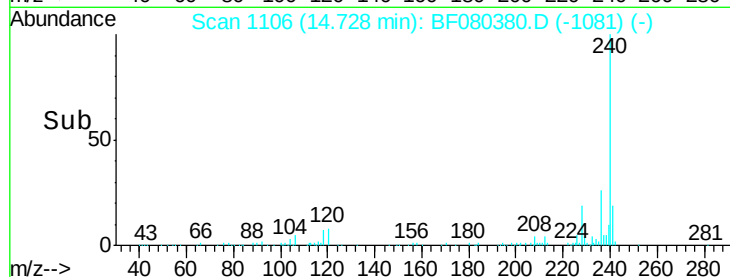
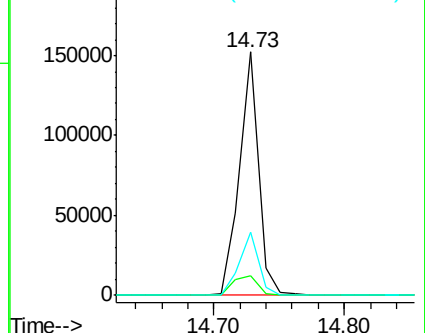
236 25.7 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.16 ng

RT: 13.17 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

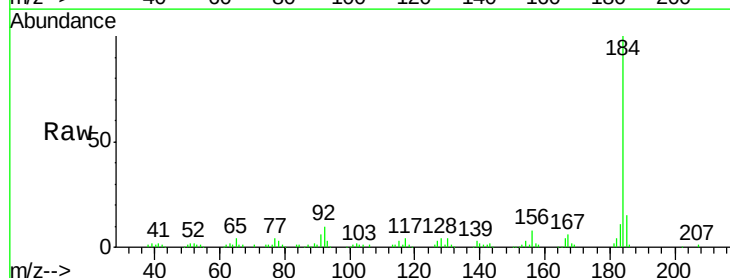
Tgt Ion:184 Resp: 176789

Ion Ratio Lower Upper

184 100

185 14.8 12.6 19.0

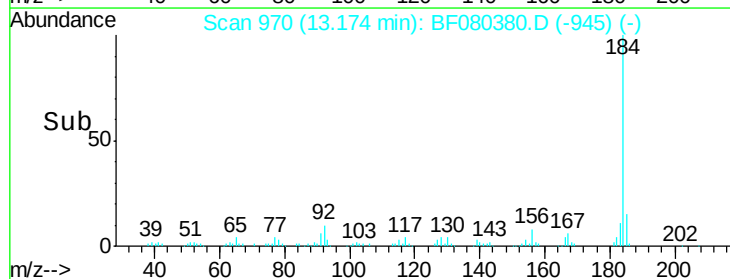
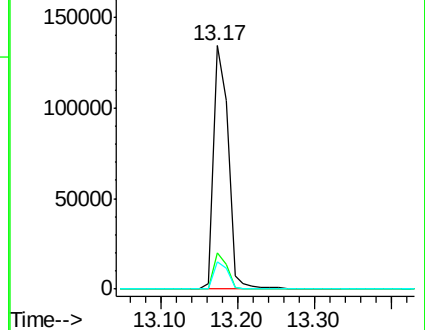
183 11.1 9.2 13.8

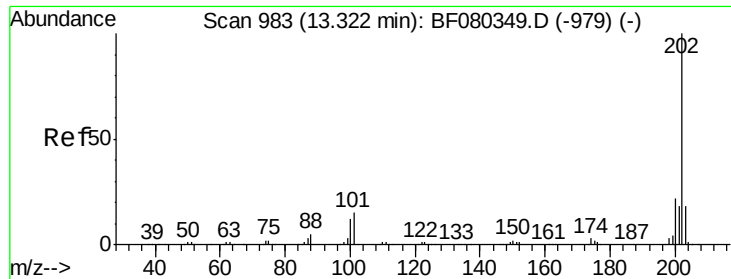


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

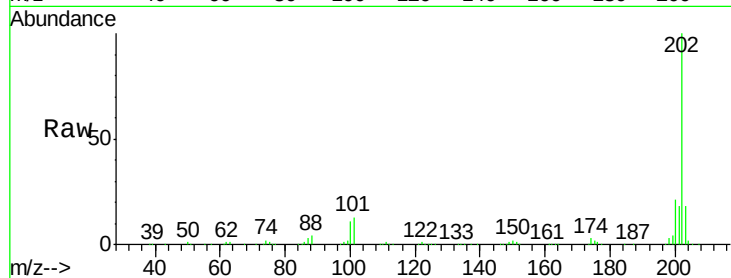




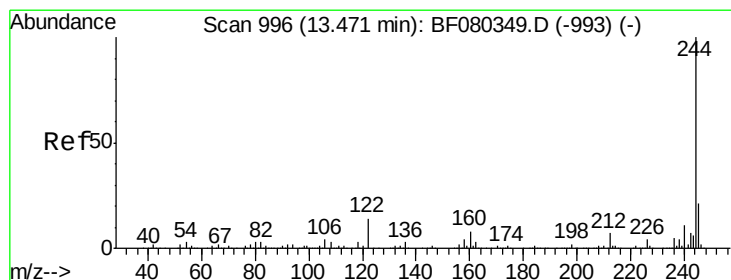
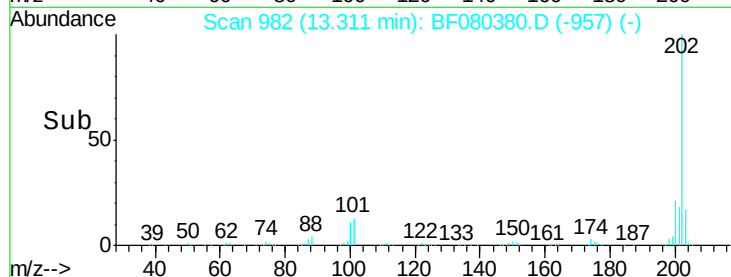
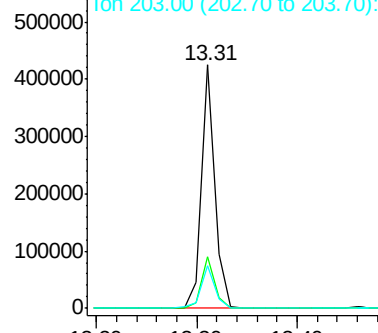
#77
 Pyrene
 Concen: 42.12 ng
 RT: 13.31 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.6	14.3	21.5

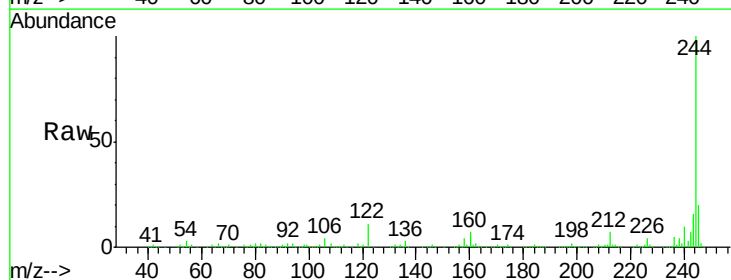


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

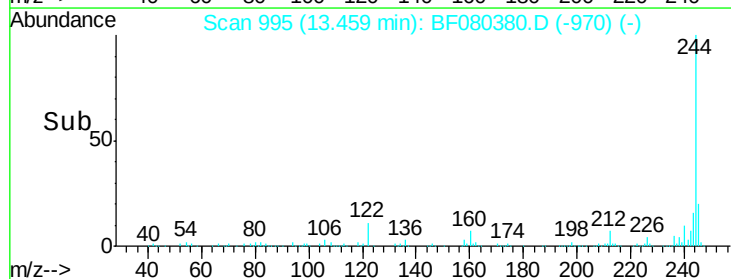
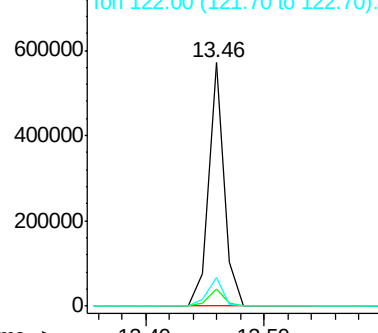


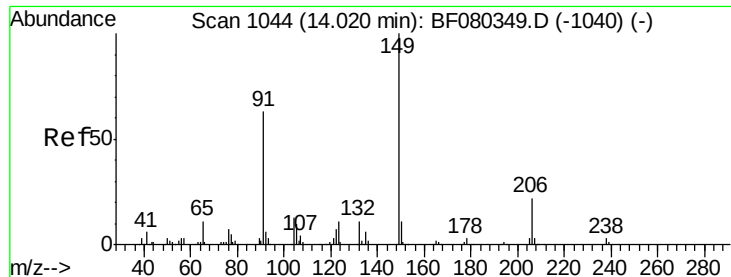
#78
 Terphenyl-d14
 Concen: 78.12 ng
 RT: 13.46 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.5	11.1	16.7



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

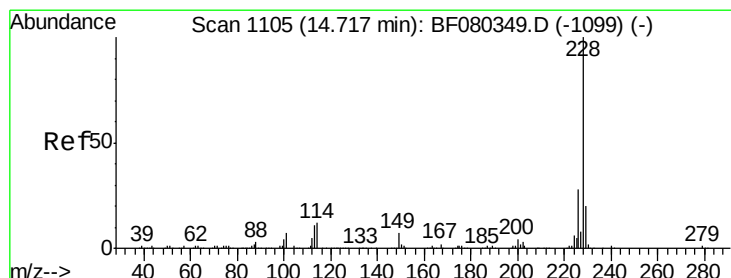
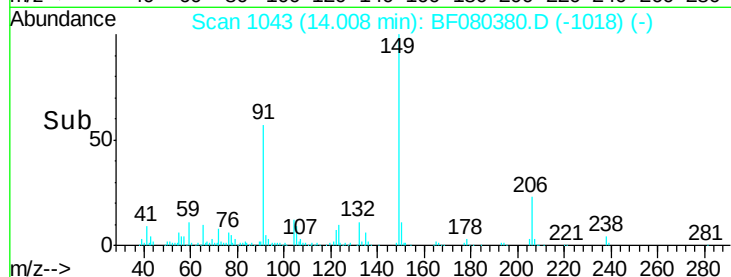
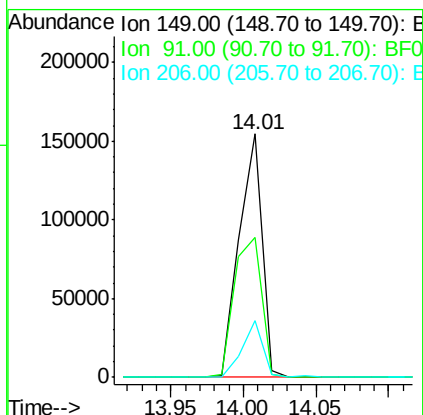
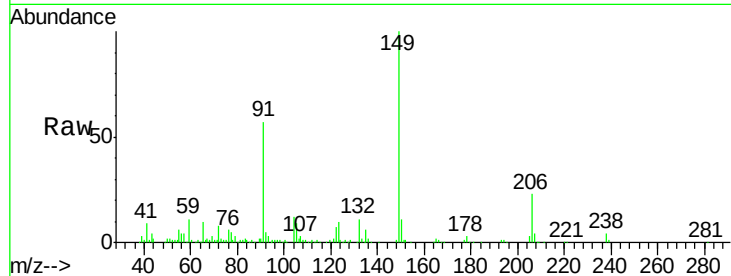




#79
Butylbenzylphthalate
Concen: 45.59 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

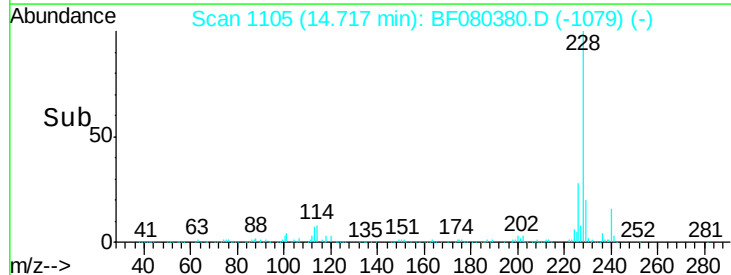
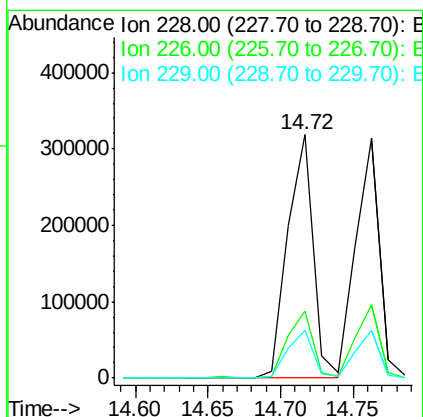
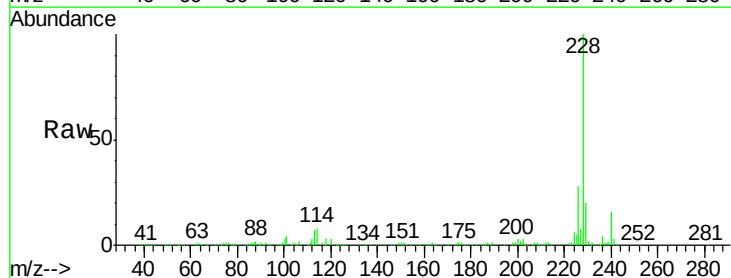
Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

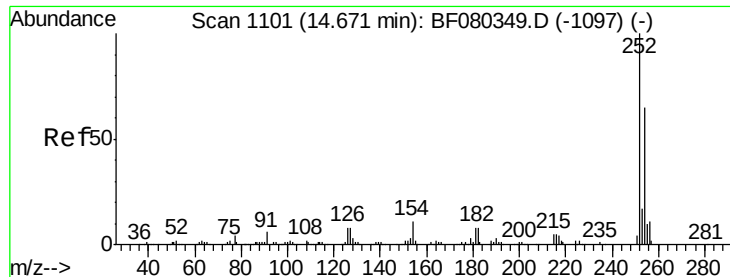
Tgt Ion:149 Resp: 169798
Ion Ratio Lower Upper
149 100
91 57.4 50.8 76.2
206 23.4 17.6 26.4



#80
Benzo(a)anthracene
Concen: 41.56 ng
RT: 14.72 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Tgt Ion:228 Resp: 386565
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 19.6 16.0 24.0

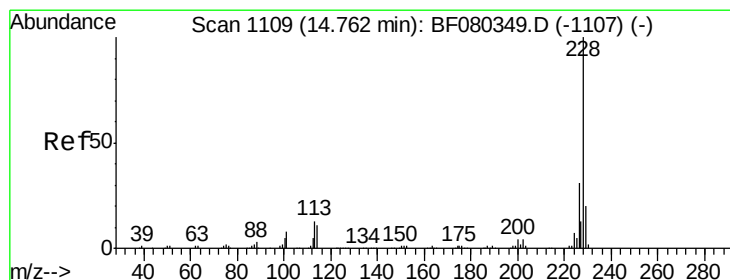
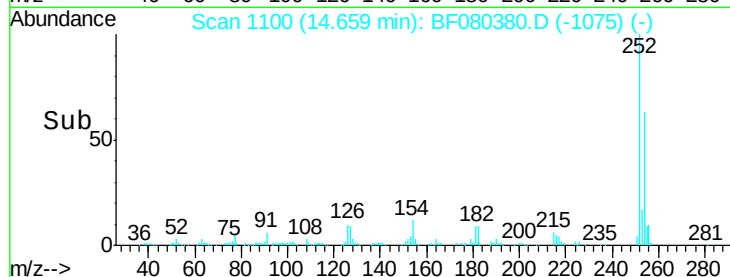
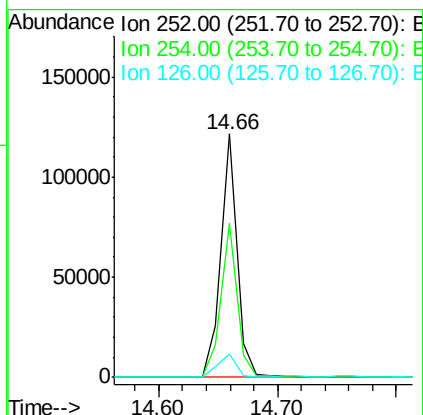
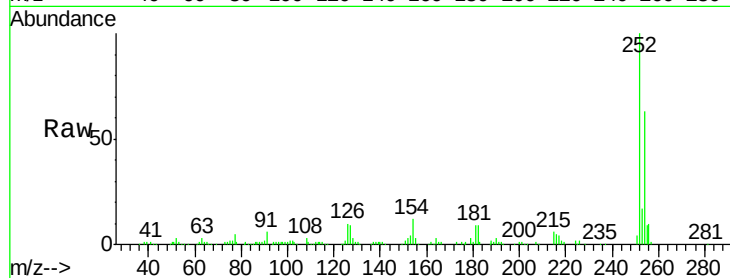




#81
 3,3'-Dichlorobenzidine
 Concen: 37.34 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

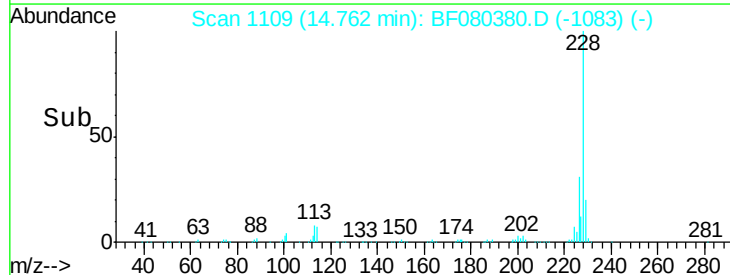
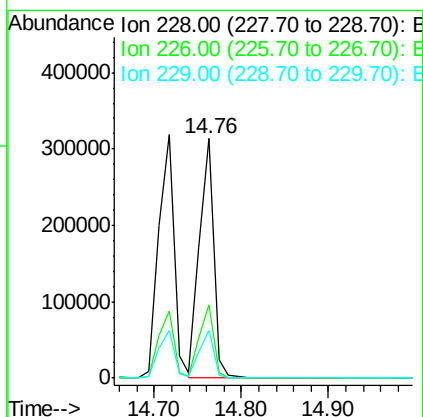
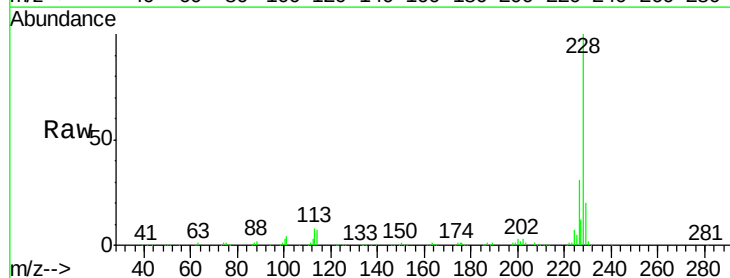
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

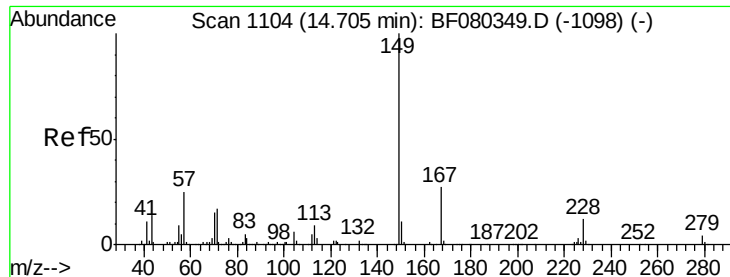
Tgt Ion:252 Resp: 115163
 Ion Ratio Lower Upper
 252 100
 254 63.2 51.7 77.5
 126 9.7 6.3 9.5#



#82
 Chrysene
 Concen: 40.80 ng
 RT: 14.76 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion:228 Resp: 355028
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.4
 229 19.8 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.82 ng

RT: 14.69 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

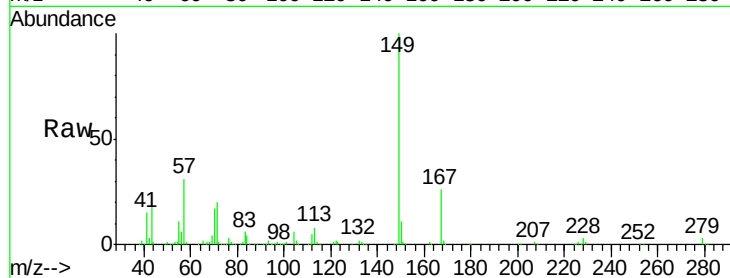
Tgt Ion:149 Resp: 254447

Ion Ratio Lower Upper

149 100

167 25.6 21.4 32.0

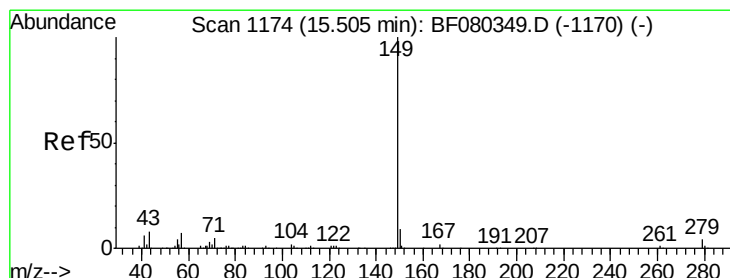
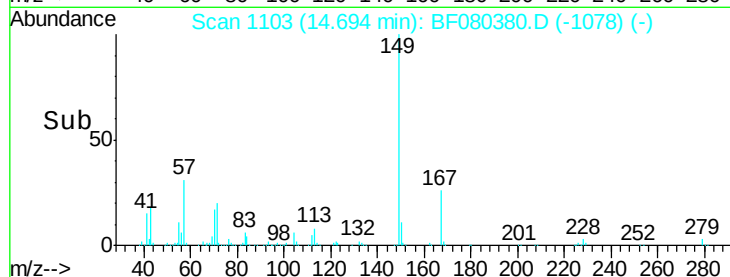
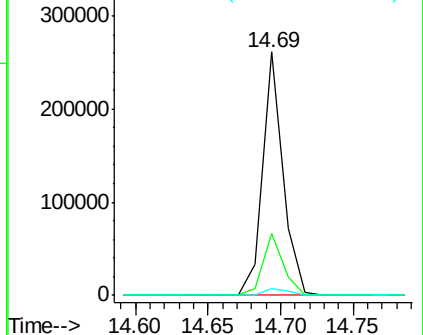
279 2.7 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.91 ng

RT: 15.51 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

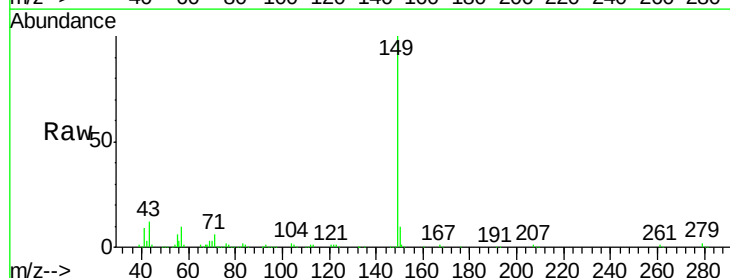
Tgt Ion:149 Resp: 430580

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

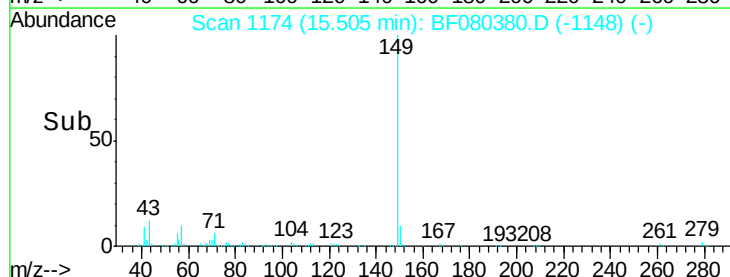
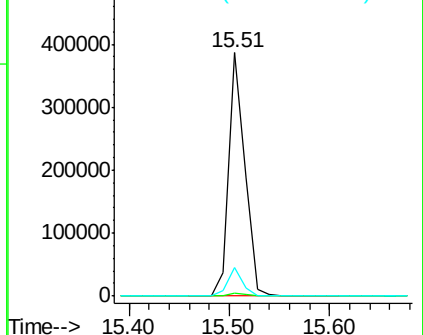
43 11.2 9.1 13.7

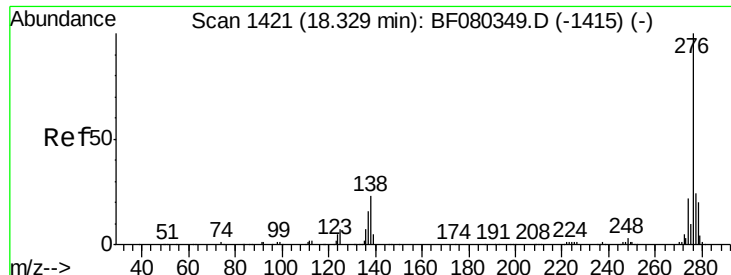


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

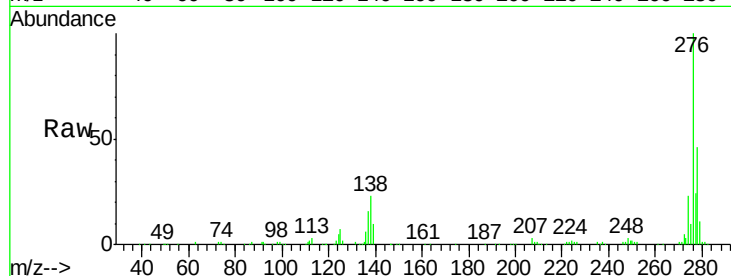




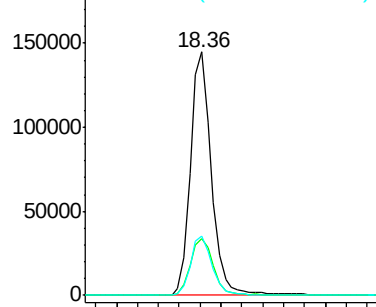
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.55 ng
 RT: 18.36 min Scan# 1424
 Delta R.T. 0.03 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

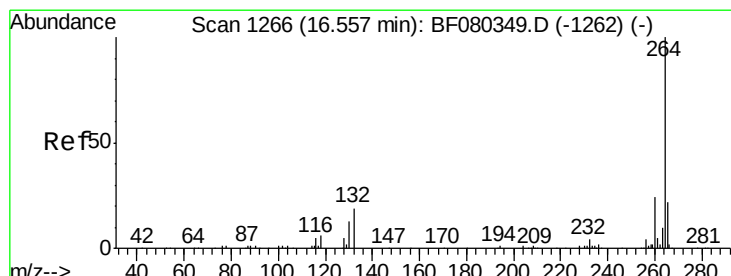
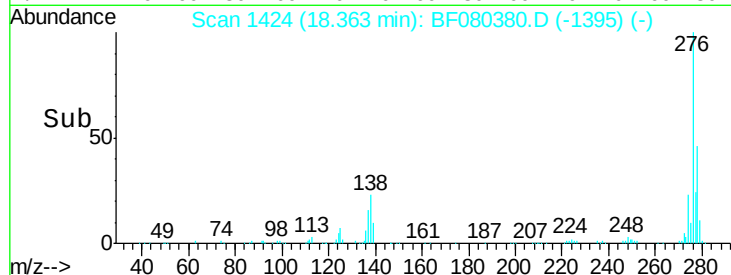
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.7	29.5
277	24.9	19.4	29.0



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

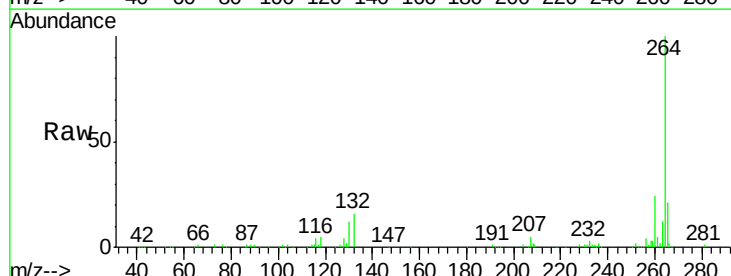


Time-->

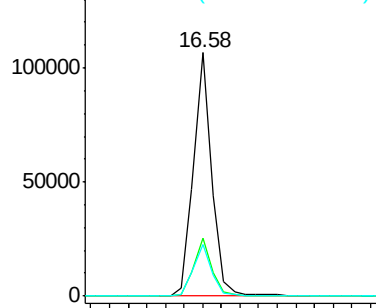


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.58 min Scan# 1268
 Delta R.T. 0.02 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

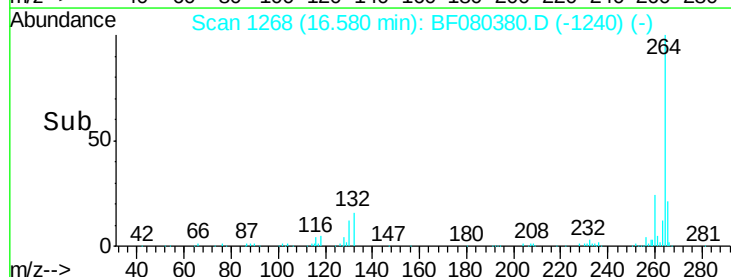
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	17.6	26.4

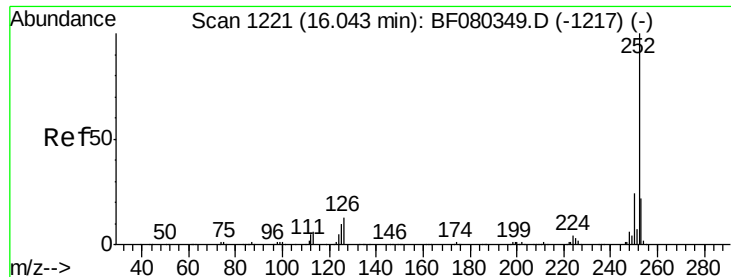


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 39.91 ng

RT: 16.10 min Scan# 1226

Delta R.T. 0.06 min

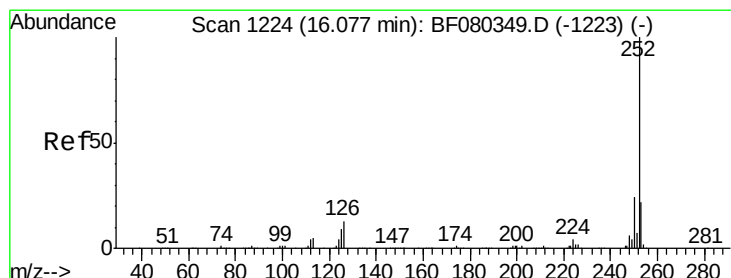
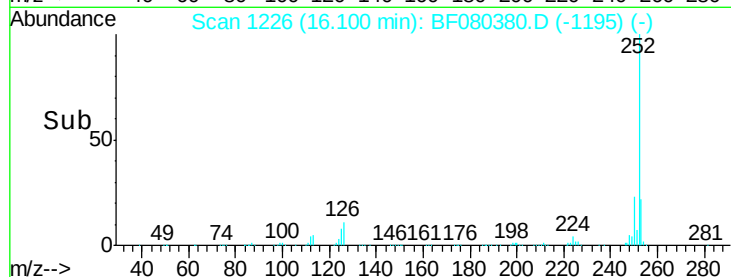
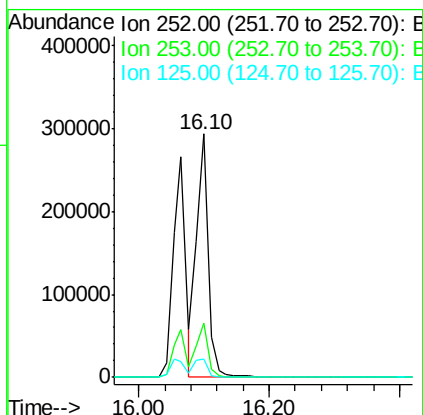
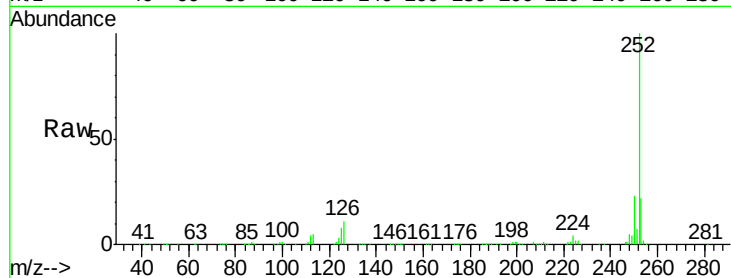
Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

Tgt Ion: 252 Resp: 365486

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	7.7	7.7	11.5



#88

Benzo(k)fluoranthene

Concen: 42.16 ng

RT: 16.10 min Scan# 1226

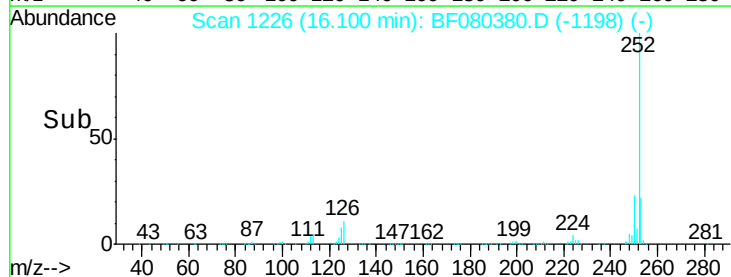
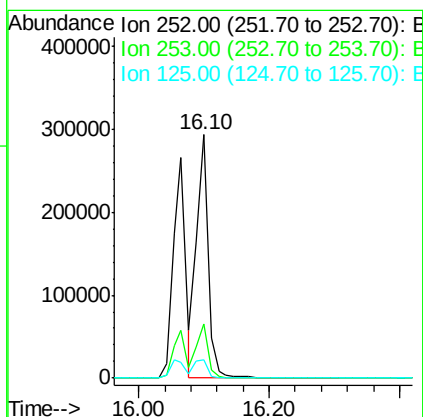
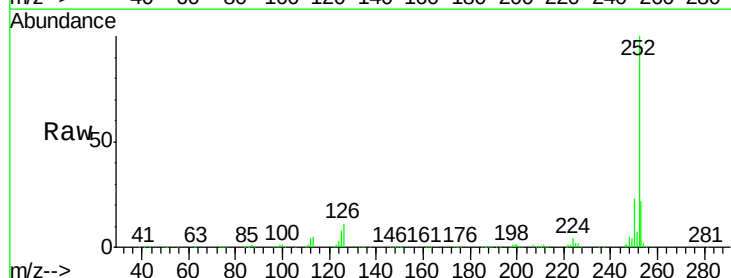
Delta R.T. 0.02 min

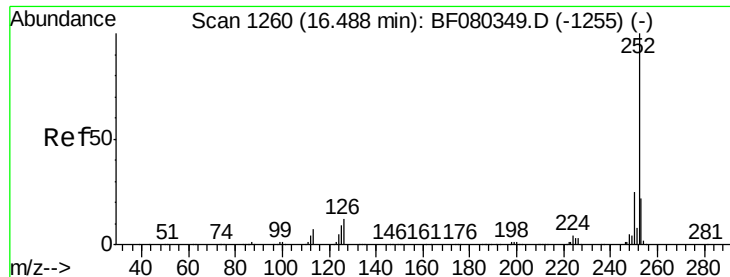
Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Tgt Ion: 252 Resp: 365486

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.7	8.5	12.7#

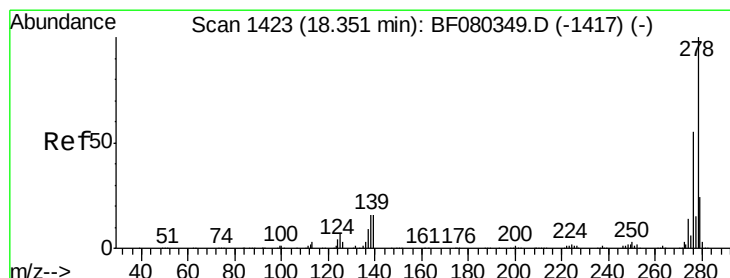
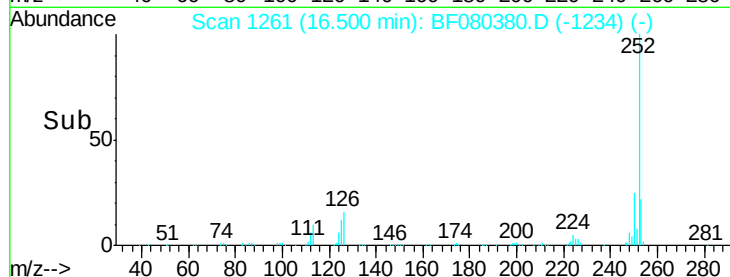
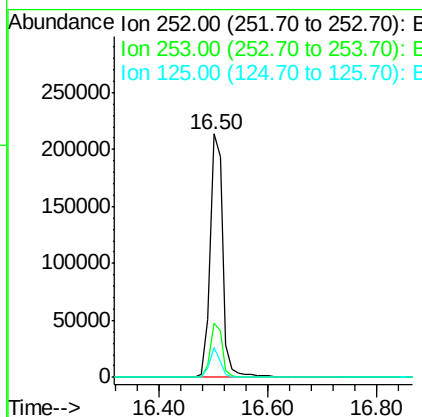
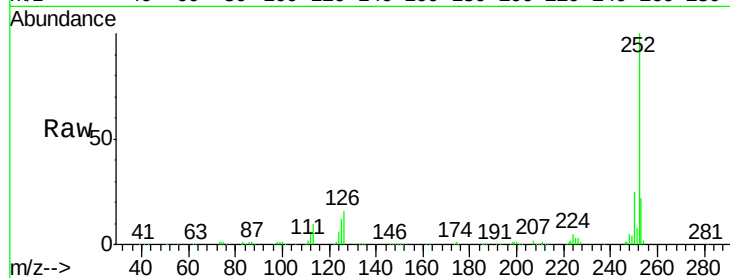




#89
Benzo(a)pyrene
Concen: 41.99 ng
RT: 16.50 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

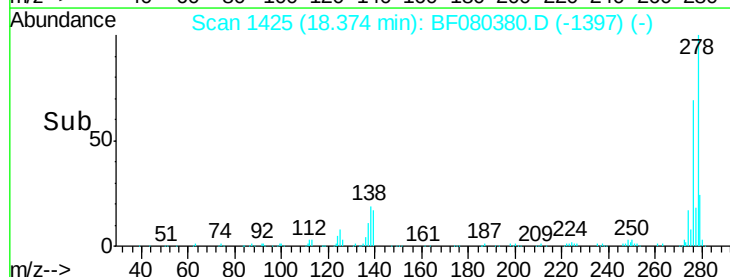
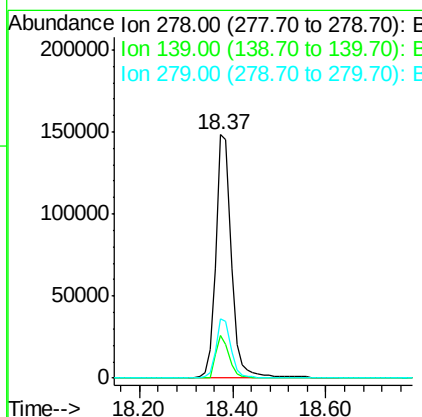
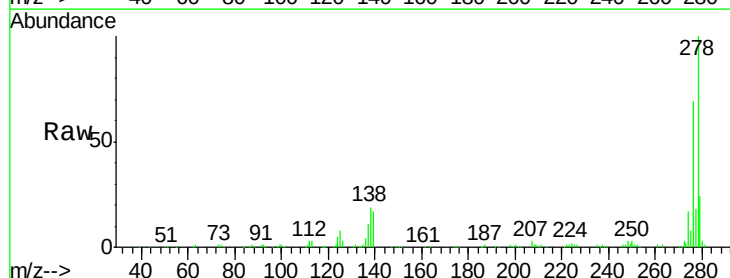
Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

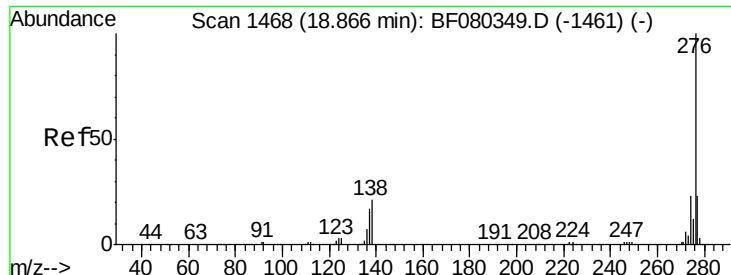
Tgt Ion: 252 Resp: 351719
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 12.0 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 41.69 ng
RT: 18.37 min Scan# 1425
Delta R.T. 0.02 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Tgt Ion: 278 Resp: 343878
Ion Ratio Lower Upper
278 100
139 17.3 13.0 19.6
279 24.2 19.1 28.7





#91

Benzo(g,h,i)perylene

Concen: 40.79 ng

RT: 18.89 min Scan# 1470

Delta R.T. 0.02 min

Lab File: BF080380.D

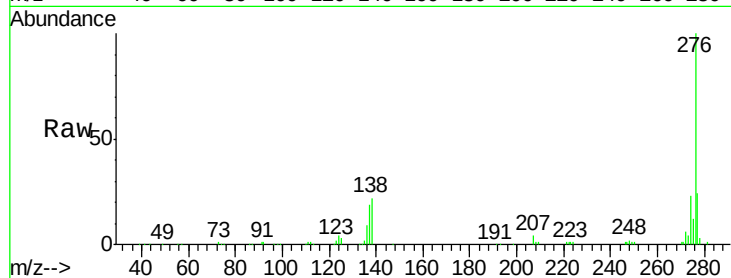
Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD



Tgt Ion:	276	Resp:	341207
Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	22.5	16.8	25.2

