

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081168.D
 Acq On : 24 Aug 2015 14:21
 Operator : UM/IZ
 Sample : PB84980BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Quant Time: Aug 24 15:09:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	66512	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	280560	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	123248	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	264312	20.00	ng	0.00
75) Chrysene-d12	13.66	240	229923	20.00	ng	0.00
86) Perylene-d12	14.99	264	155636	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	470135	106.32	ng	0.02
7) Phenol-d6	6.20	99	574091	99.50	ng	0.00
23) Nitrobenzene-d5	7.11	82	382448	62.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	99868	93.48	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	590444	62.77	ng	0.00
78) Terphenyl-d14	12.62	244	580635	54.14	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.02	88	57654	27.67	ng	94
3) Pyridine	2.62	79	170606	29.01	ng	# 81
4) n-Nitrosodimethylamine	2.57	42	98594	30.11	ng	# 76
6) Aniline	6.21	93	141360	16.85	ng	# 1
8) 2-Chlorophenol	6.32	128	158031	32.65	ng	95
9) Benzaldehyde	6.08	77	30277	8.14	ng	91
10) Phenol	6.21	94	228317	33.51	ng	87
11) bis(2-Chloroethyl)ether	6.29	93	163771	31.32	ng	91
12) 1,3-Dichlorobenzene	6.48	146	168959	32.49	ng	99
13) 1,4-Dichlorobenzene	6.56	146	169168	32.85	ng	98
14) 1,2-Dichlorobenzene	6.71	146	147163	30.53	ng	99
15) Benzyl Alcohol	6.70	79	152176	32.60	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	325705	31.70	ng	99
17) 2-Methylphenol	6.82	107	144374	34.76	ng	94
18) Hexachloroethane	7.05	117	64896	31.19	ng	96
19) n-Nitroso-di-n-propylamine	6.97	70	126011	31.53	ng	92
20) 3+4-Methylphenols	6.97	107	176780	33.54	ng	# 59
22) Acetophenone	6.96	105	234526	31.84	ng	# 85
24) Nitrobenzene	7.13	77	199956	31.14	ng	98
25) Isophorone	7.37	82	335805	29.32	ng	98
26) 2-Nitrophenol	7.45	139	90378	33.84	ng	# 73
27) 2,4-Dimethylphenol	7.50	122	146302	30.97	ng	96
28) bis(2-Chloroethoxy)methane	7.60	93	226166	33.43	ng	99
29) 2,4-Dichlorophenol	7.69	162	124201	31.23	ng	90
30) 1,2,4-Trichlorobenzene	7.77	180	132126	29.89	ng	99
31) Naphthalene	7.85	128	494505	31.62	ng	99
32) Benzoic acid	7.64	122	105755	39.80	ng	92
33) 4-Chloroaniline	7.91	127	89935	13.63	ng	# 86
34) Hexachlorobutadiene	7.98	225	77795	31.12	ng	98
35) Caprolactam	8.28	113	31994	23.01	ng	# 86
36) 4-Chloro-3-methylphenol	8.40	107	154952	32.69	ng	100
37) 2-Methylnaphthalene	8.54	142	298452	30.21	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	129896	32.67	ng	98
40) Hexachlorocyclopentadiene	8.70	237	137052	66.59	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	99309	35.35	ng	97
43) 2,4,5-Trichlorophenol	8.87	196	90560	32.25	ng	# 91
45) 1,1'-Biphenyl	9.01	154	393916	36.29	ng	98
46) 2-Chloronaphthalene	9.02	162	264638	30.34	ng	# 91
47) 2-Nitroaniline	9.12	65	107375	30.09	ng	98
48) Acenaphthylene	9.43	152	442528	28.36	ng	99
49) Dimethylphthalate	9.32	163	328062	32.32	ng	100
50) 2,6-Dinitrotoluene	9.37	165	74479	34.18	ng	86
51) Acenaphthene	9.60	154	265433	28.42	ng	100
52) 3-Nitroaniline	9.53	138	51835	19.01	ng	98
53) 2,4-Dinitrophenol	9.65	184	85424	71.92	ng	# 67
54) Dibenzofuran	9.77	168	385152	30.77	ng	92
55) 4-Nitrophenol	9.72	139	138798	72.47	ng	# 72
56) 2,4-Dinitrotoluene	9.77	165	98527	34.11	ng	# 76
57) Fluorene	10.12	166	318986	33.13	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.85	232	72141	33.20	ng	99
59) Diethylphthalate	10.01	149	367204	34.18	ng	97
60) 4-Chlorophenyl-phenylether	10.12	204	142417	34.96	ng	97
61) 4-Nitroaniline	10.15	138	87042	31.23	ng	# 77
62) Azobenzene	10.28	77	434229	35.08	ng	92
64) 4,6-Dinitro-2-methylphenol	10.17	198	47878	30.33	ng	98
65) n-Nitrosodiphenylamine	10.24	169	285009	30.21	ng	99
66) 4-Bromophenyl-phenylether	10.60	248	77197	29.73	ng	# 67
67) Hexachlorobenzene	10.65	284	81845	31.12	ng	# 69
68) Atrazine	10.77	200	75032	28.54	ng	98
69) Pentachlorophenol	10.86	266	103146	65.37	ng	98
70) Phenanthrene	11.06	178	457129	29.18	ng	99
71) Anthracene	11.12	178	479071	31.43	ng	98
72) Carbazole	11.27	167	461607	31.45	ng	98
73) Di-n-butylphthalate	11.62	149	596736	33.60	ng	99
74) Fluoranthene	12.24	202	544345	32.20	ng	95
76) Benzidine	12.37	184	154502	17.79	ng	98
77) Pyrene	12.47	202	521854	27.92	ng	98
79) Butylbenzylphthalate	13.10	149	248568	30.94	ng	# 62
80) Benzo(a)anthracene	13.65	228	452788	29.36	ng	99
81) 3,3'-Dichlorobenzidine	13.63	252	115905	23.21	ng	# 94
82) Chrysene	13.68	228	362446	26.08	ng	100
83) Bis(2-ethylhexyl)phthalate	13.67	149	355747	34.57	ng	100
84) Di-n-octyl phthalate	14.28	149	586328	37.49	ng	99
85) Indeno(1,2,3-cd)pyrene	16.16	276	286801	29.40	ng	# 94
87) Benzo(b)fluoranthene	14.67	252	747898	67.94	ng	99
88) Benzo(k)fluoranthene	14.67	252	747898	72.91	ng	# 96
89) Benzo(a)pyrene	14.94	252	343156	35.77	ng	98
90) Dibenzo(a,h)anthracene	16.17	278	242965	32.51	ng	# 93
91) Benzo(g,h,i)perylene	16.52	276	237244	31.29	ng	# 93

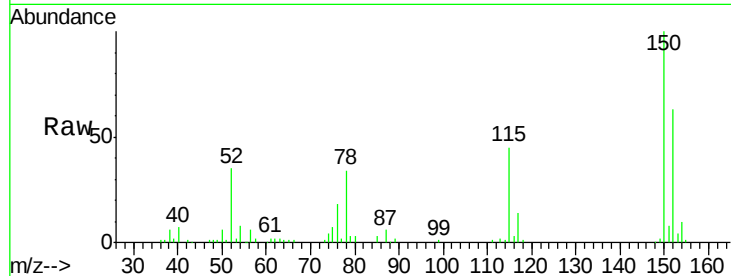
(#) = qualifier out of range (m) = manual integration (+) = signals summed



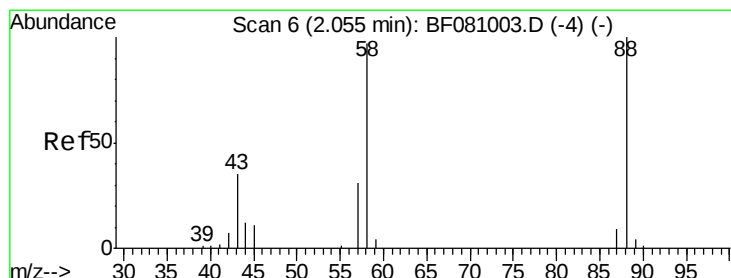
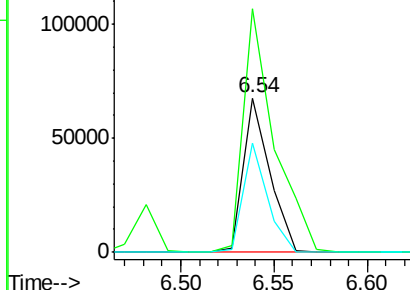
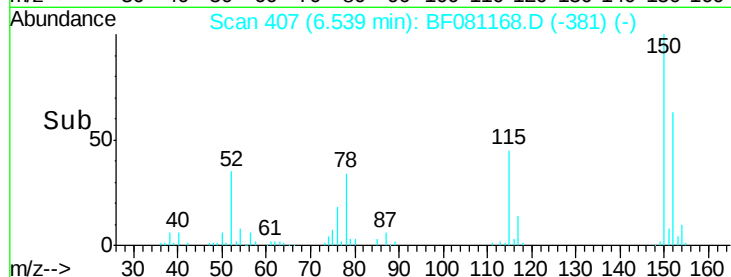
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.54 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion:152 Resp: 66512
 Ion Ratio Lower Upper
 152 100
 150 157.9 123.8 185.6
 115 70.8 52.1 78.1

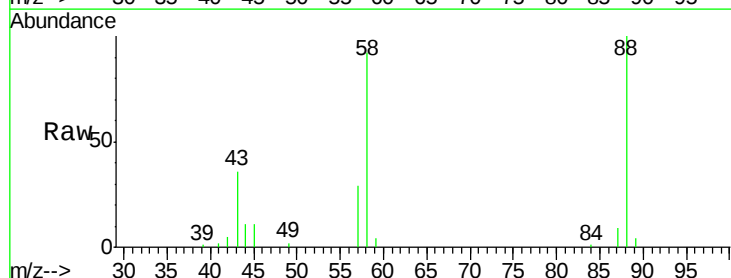


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

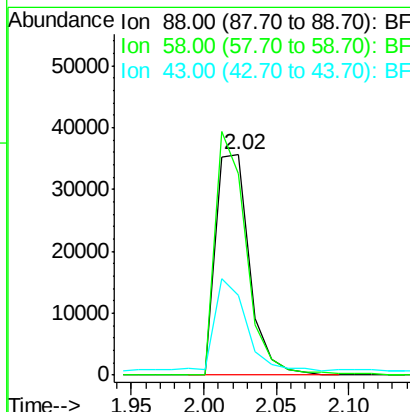
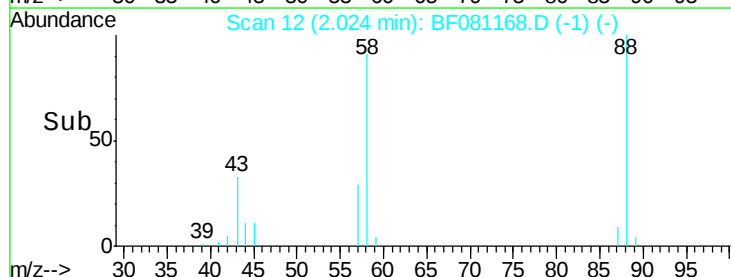


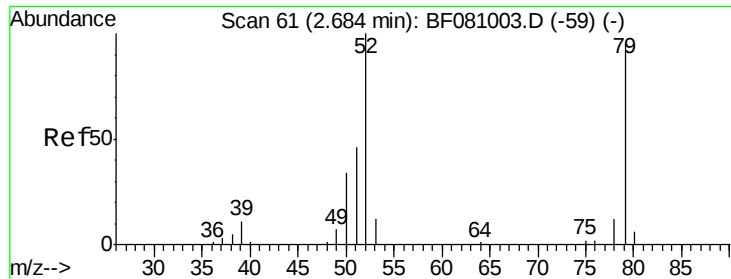
#2
 1,4-Dioxane
 Concen: 27.67 ng
 RT: 2.02 min Scan# 12
 Delta R.T. 0.09 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion: 88 Resp: 57654
 Ion Ratio Lower Upper
 88 100
 58 101.8 83.7 125.5
 43 38.1 37.5 56.3



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: 29.01 ng

RT: 2.62 min Scan# 64

Delta R.T. 0.08 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampled :

PB84980BS

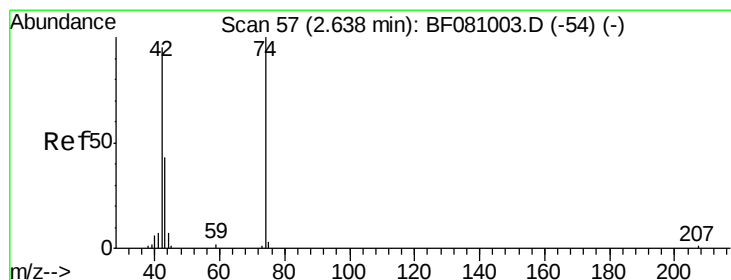
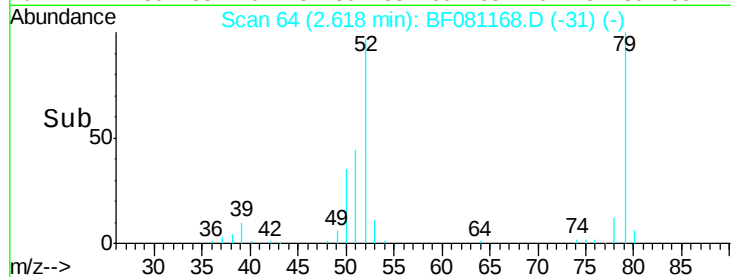
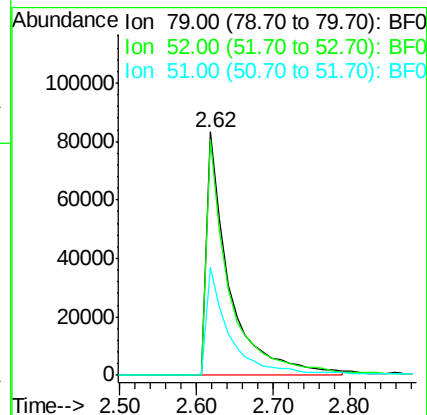
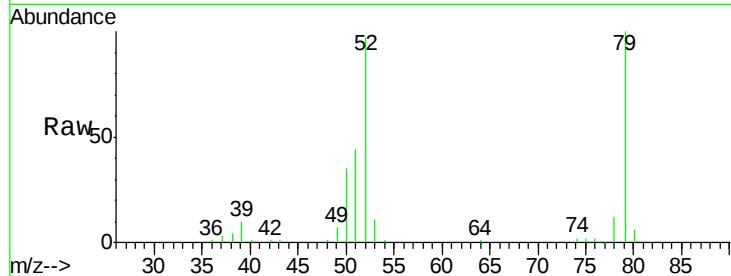
Tgt Ion: 79 Resp: 170606

Ion Ratio Lower Upper

79 100

52 97.1 95.1 142.7

51 44.5 46.6 70.0#



#4

n-Nitrosodimethylamine

Concen: 30.11 ng

RT: 2.57 min Scan# 60

Delta R.T. 0.07 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

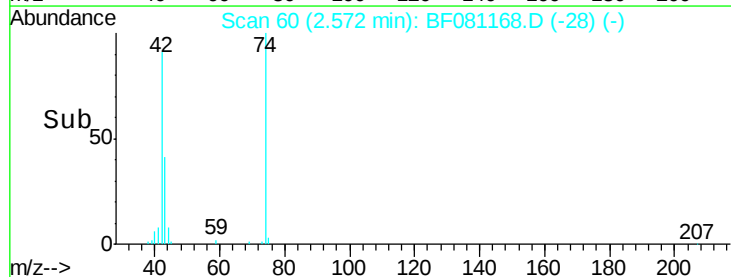
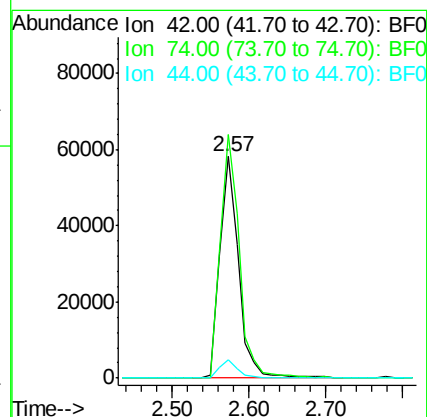
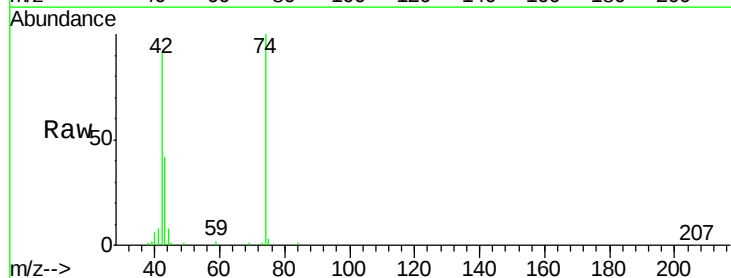
Tgt Ion: 42 Resp: 98594

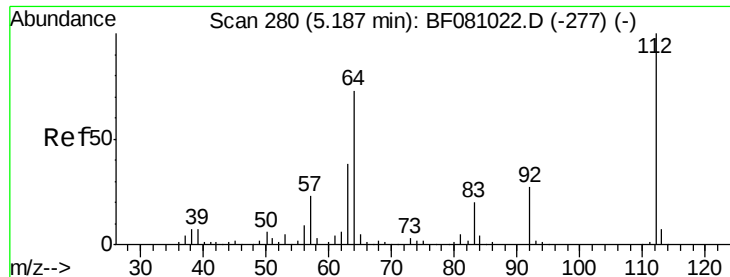
Ion Ratio Lower Upper

42 100

74 109.9 69.3 103.9#

44 8.5 5.5 8.3#





#5

2-Fluorophenol

Concen: 106.32 ng

RT: 5.12 min Scan# 283

Delta R.T. 0.02 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

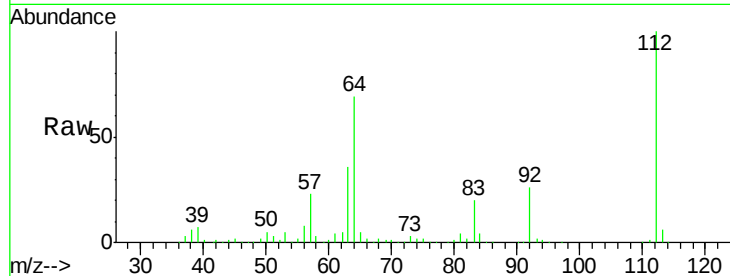
Instrument :

BNA_F

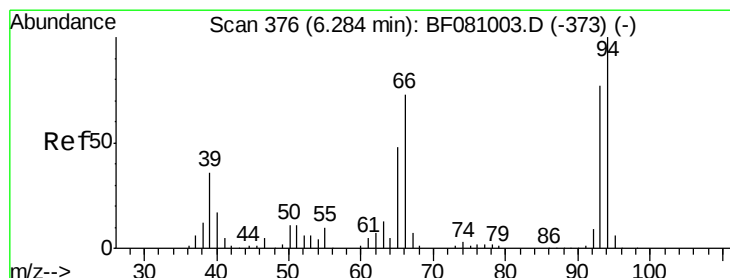
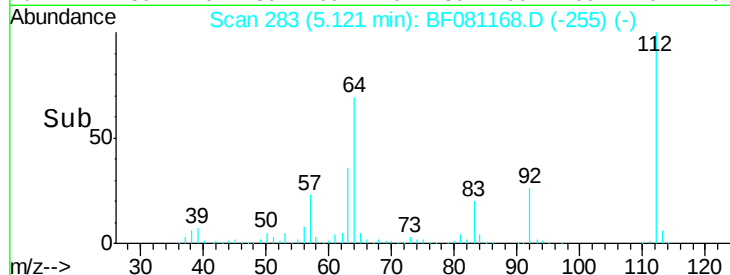
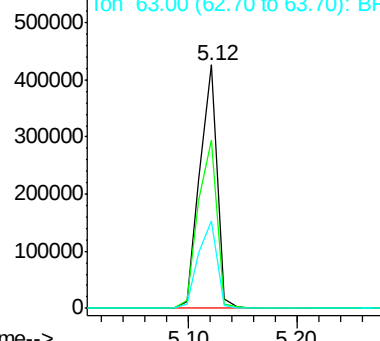
ClientSampleId :

PB84980BS

Tgt Ion:	112	Resp:	470135
Ion	Ratio	Lower	Upper
112	100		
64	69.3	66.9	100.3
63	36.1	38.1	57.1#



Abundance Ion 112.00 (111.70 to 112.70): BF0



#6

Aniline

Concen: 16.85 ng

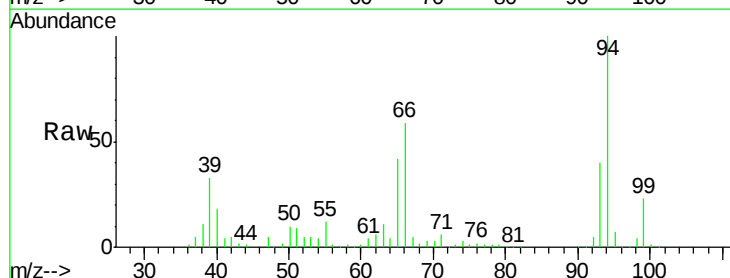
RT: 6.21 min Scan# 378

Delta R.T. -0.00 min

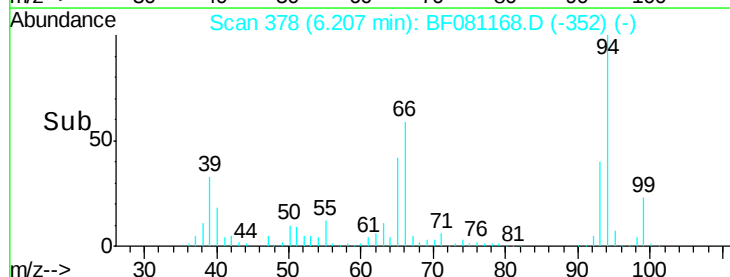
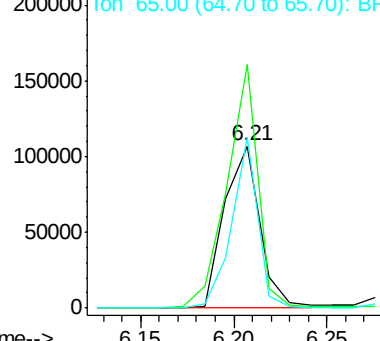
Lab File: BF081168.D

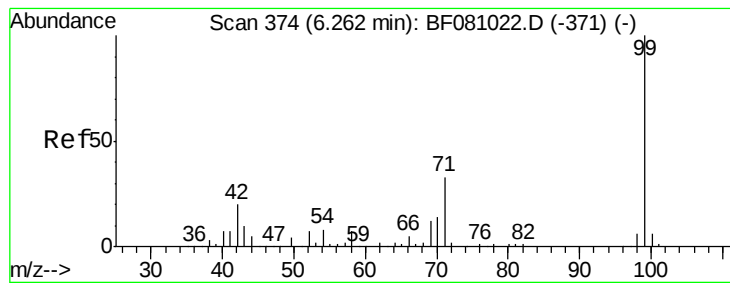
Acq: 24 Aug 2015 14:21

Tgt Ion:	93	Resp:	141360
Ion	Ratio	Lower	Upper
93	100		
66	150.6	35.6	53.4#
65	105.9	18.7	28.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 99.50 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

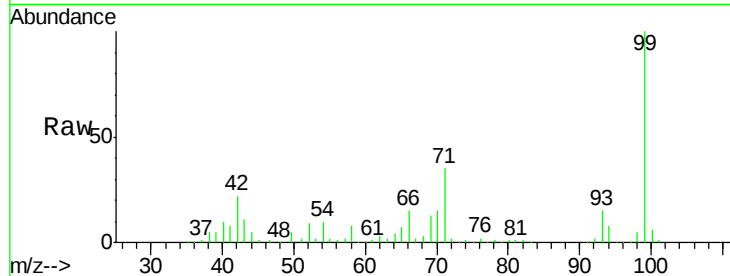
Tgt Ion: 99 Resp: 574091

Ion Ratio Lower Upper

99 100

42 22.2 19.6 29.4

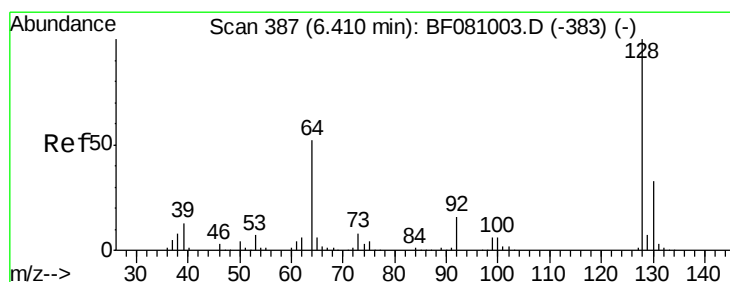
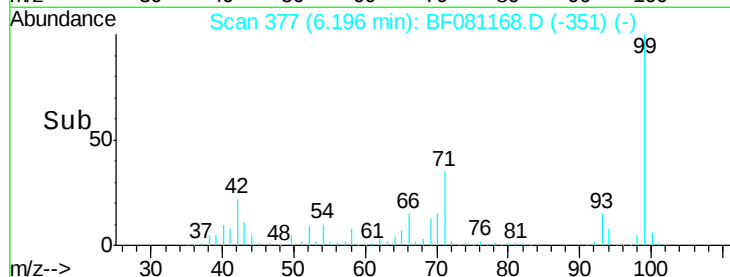
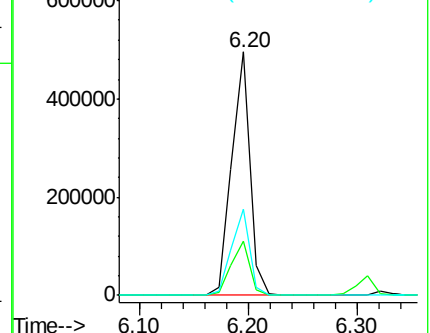
71 35.4 31.2 46.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 32.65 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

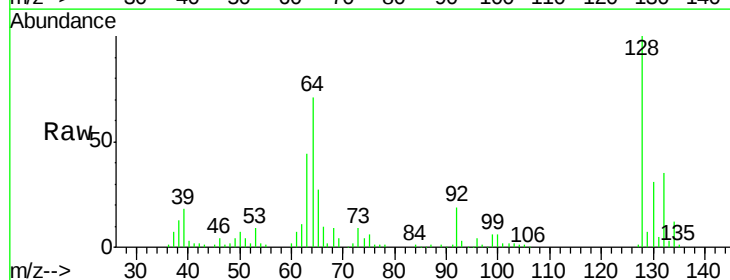
Tgt Ion: 128 Resp: 158031

Ion Ratio Lower Upper

128 100

130 31.2 12.5 52.5

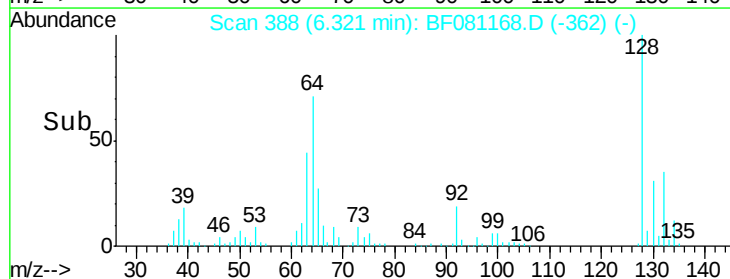
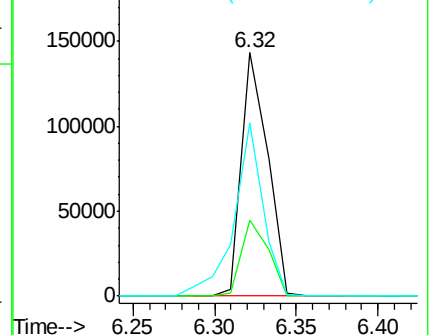
64 71.4 46.8 86.8

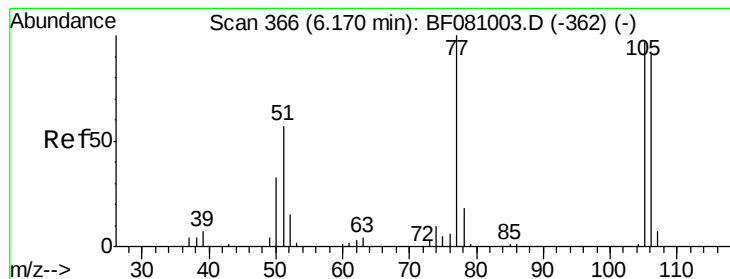


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.14 ng

RT: 6.08 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

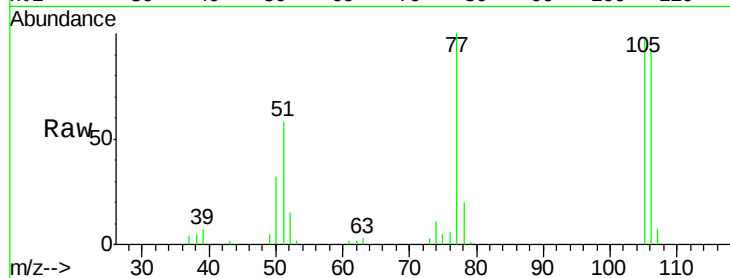
Tgt Ion: 77 Resp: 30277

Ion Ratio Lower Upper

77 100

105 97.9 69.6 109.6

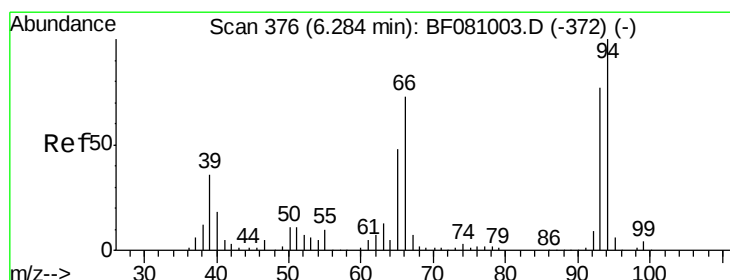
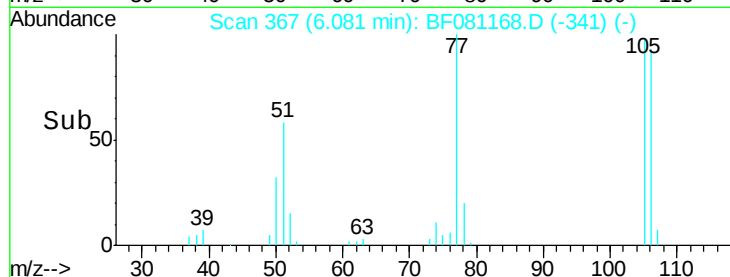
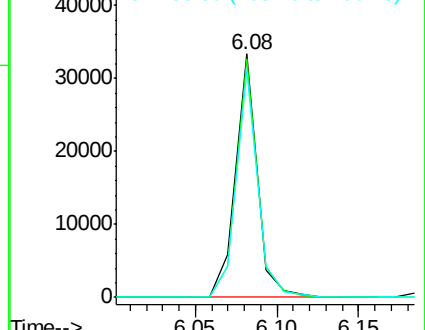
106 93.3 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.51 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

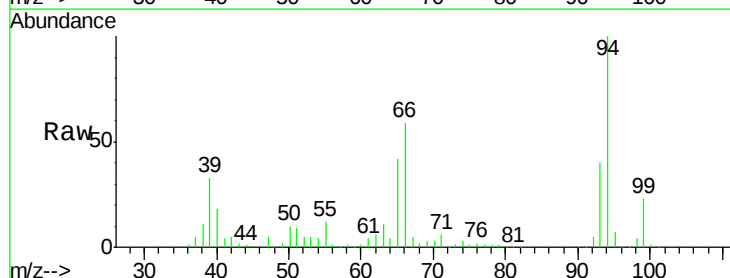
Tgt Ion: 94 Resp: 228317

Ion Ratio Lower Upper

94 100

65 41.8 28.4 68.4

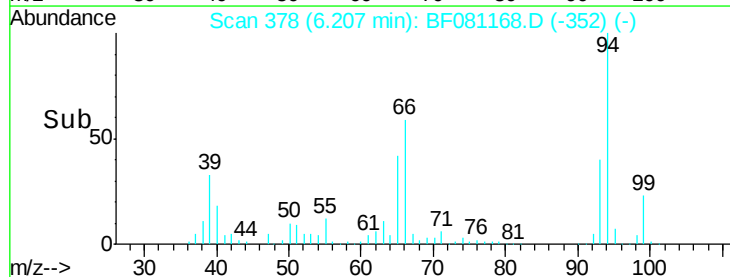
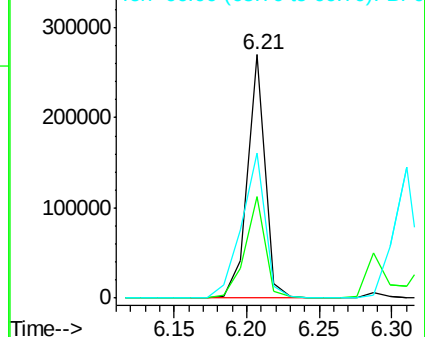
66 59.5 52.3 92.3



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 31.32 ng

RT: 6.29 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

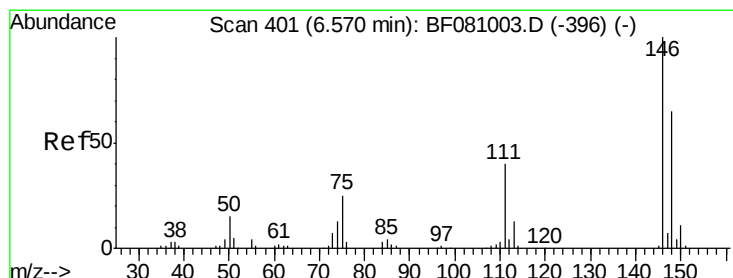
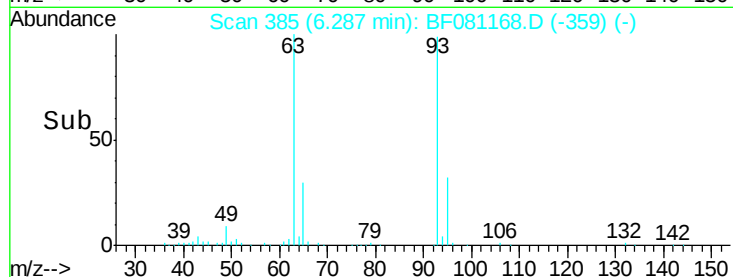
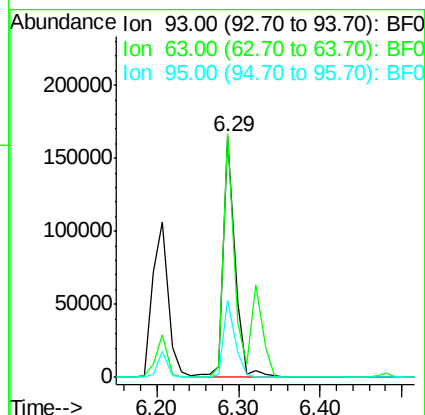
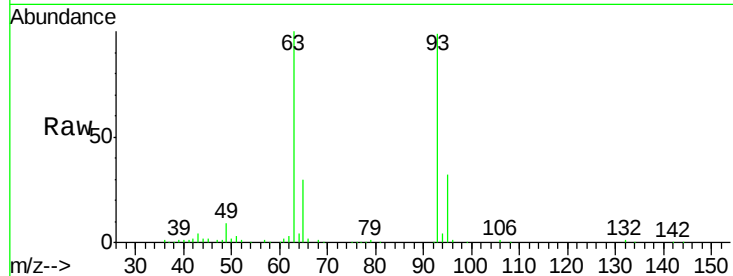
Tgt Ion: 93 Resp: 163771

Ion Ratio Lower Upper

93 100

63 101.2 69.6 109.6

95 32.2 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 32.49 ng

RT: 6.48 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

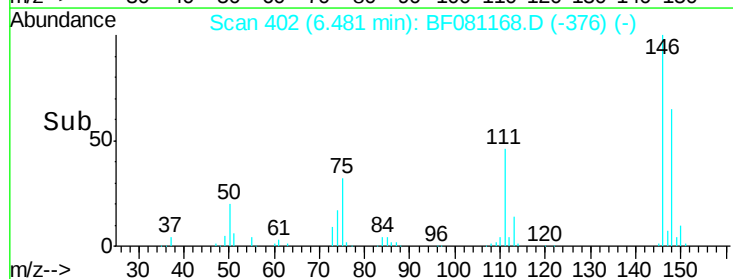
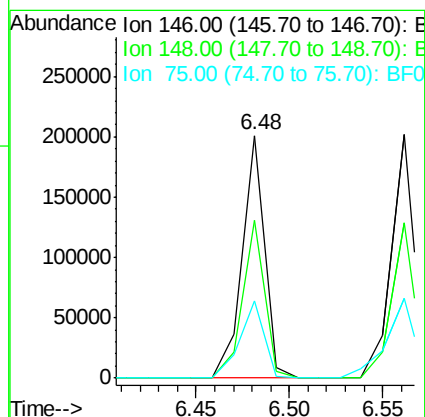
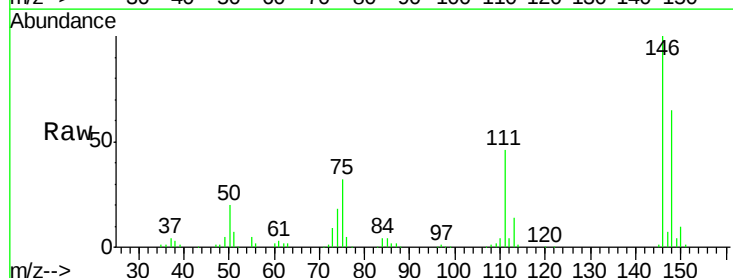
Tgt Ion: 146 Resp: 168959

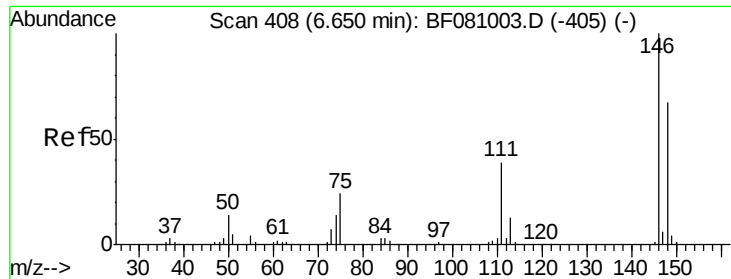
Ion Ratio Lower Upper

146 100

148 65.3 53.3 79.9

75 31.8 25.0 37.6

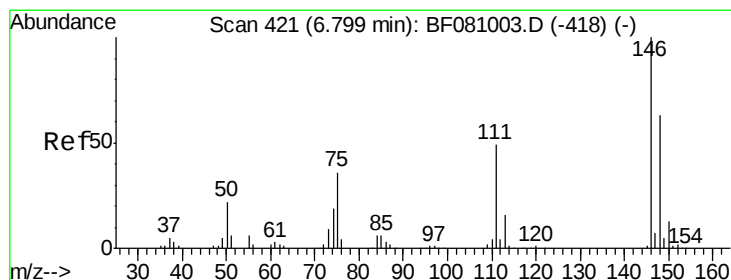
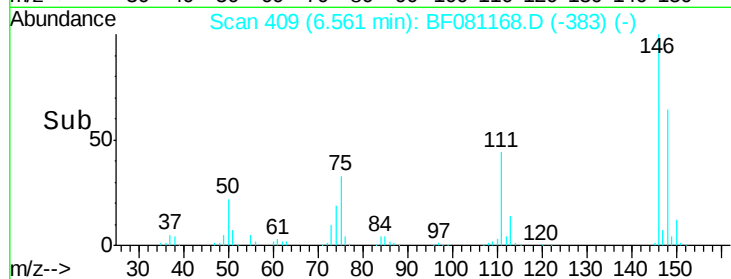
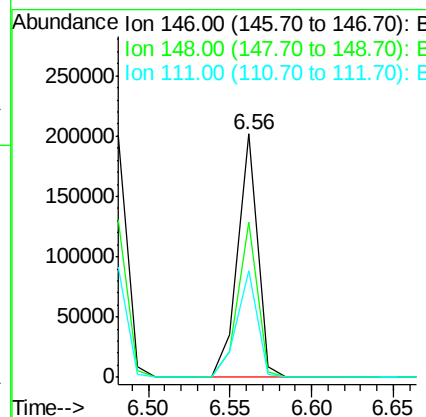
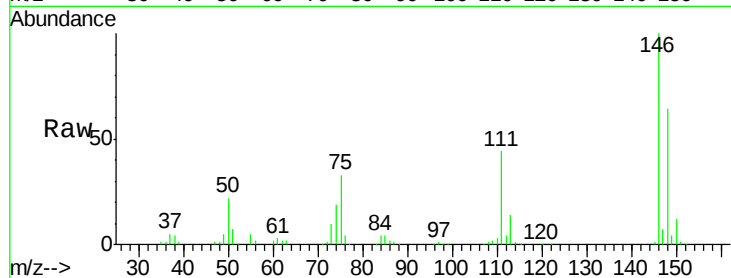




#13
 1,4-Dichlorobenzene
 Concen: 32.85 ng
 RT: 6.56 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

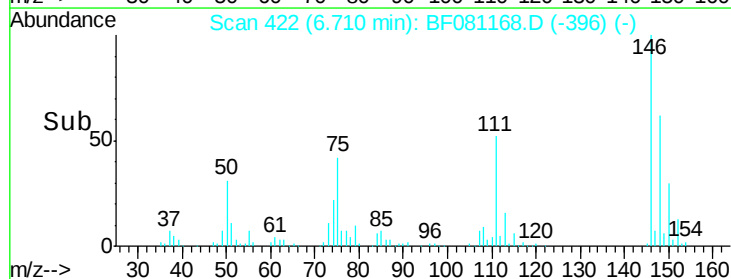
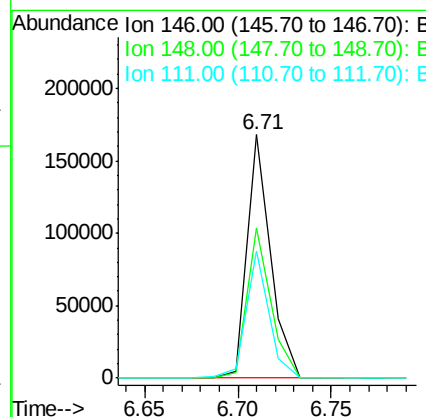
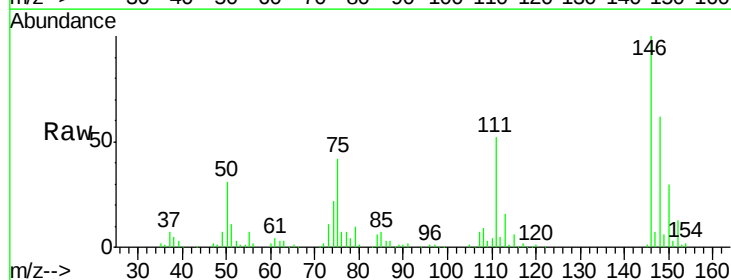
Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

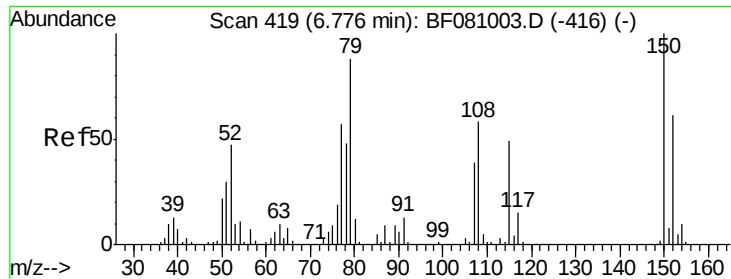
Tgt Ion:146 Resp: 169168
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.3 78.5
 111 43.7 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 30.53 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion:146 Resp: 147163
 Ion Ratio Lower Upper
 146 100
 148 61.5 48.7 73.1
 111 52.2 42.3 63.5

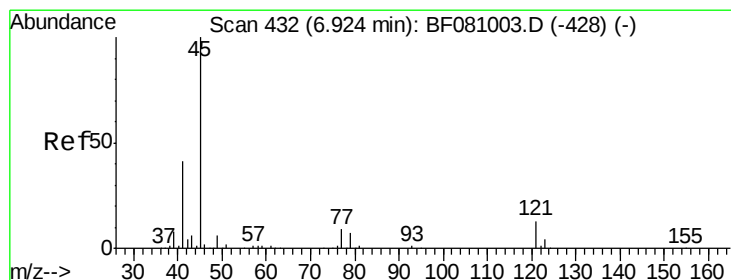
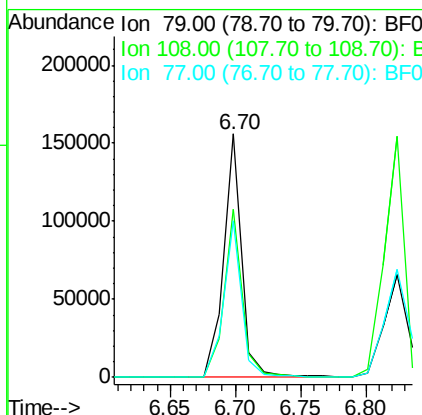
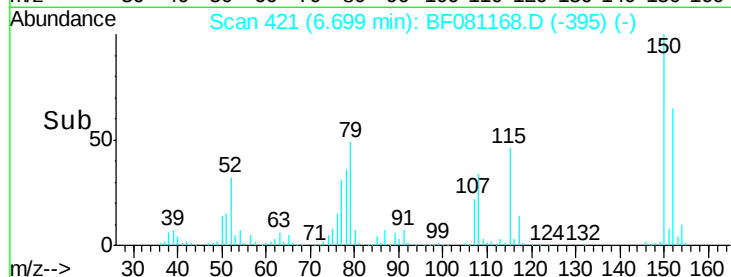
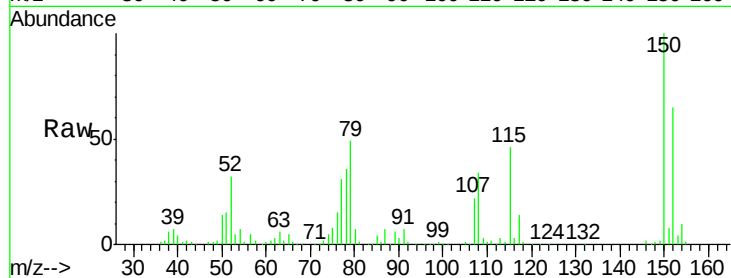




#15
Benzyl Alcohol
Concen: 32.60 ng
RT: 6.70 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

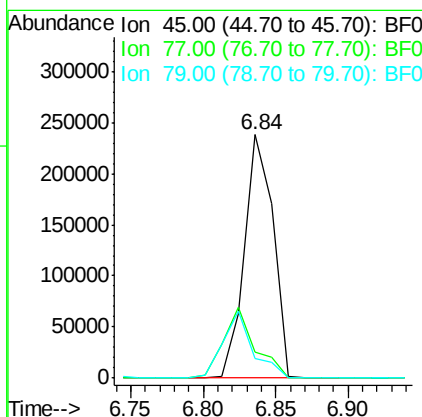
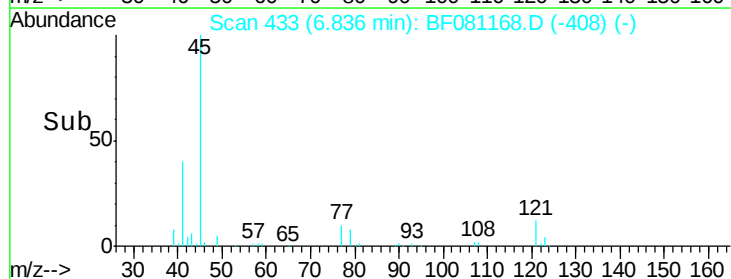
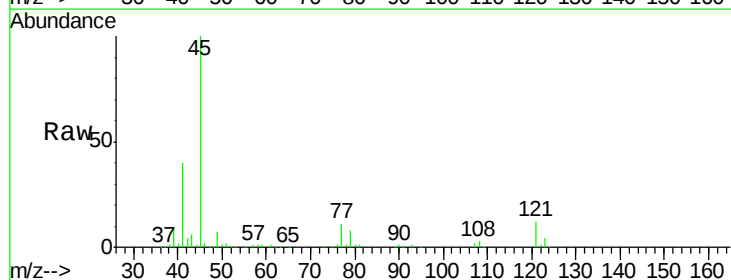
Instrument :
BNA_F
ClientSampleId :
PB84980BS

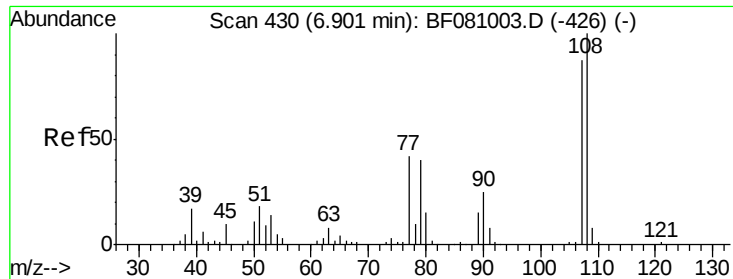
Tgt Ion: 79 Resp: 152176
Ion Ratio Lower Upper
79 100
108 68.8 49.4 74.2
77 64.1 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.70 ng
RT: 6.84 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Tgt Ion: 45 Resp: 325705
Ion Ratio Lower Upper
45 100
77 10.6 0.0 30.2
79 8.2 0.0 28.0

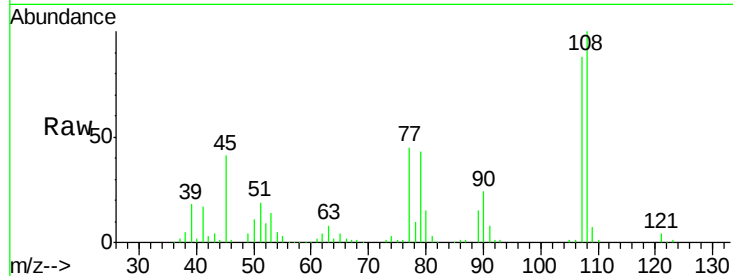




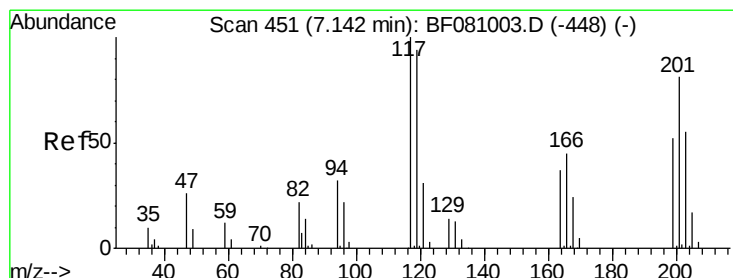
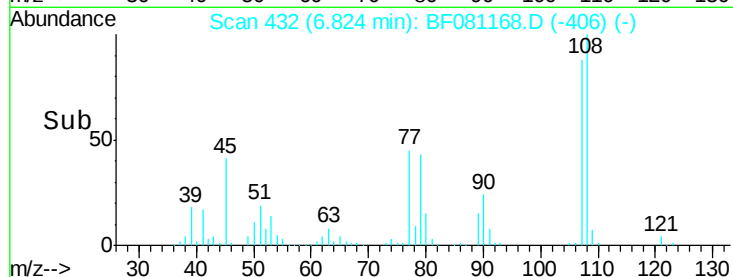
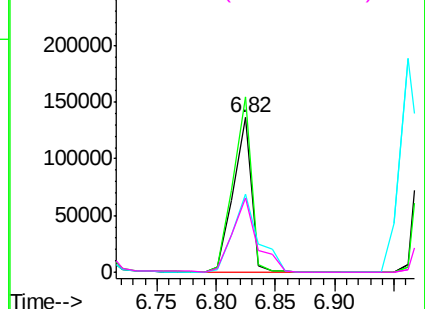
#17
2-Methylphenol
Concen: 34.76 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion:107 Resp: 144374
Ion Ratio Lower Upper
107 100
108 113.4 90.4 135.6
77 50.8 46.5 69.7
79 48.5 46.3 69.5

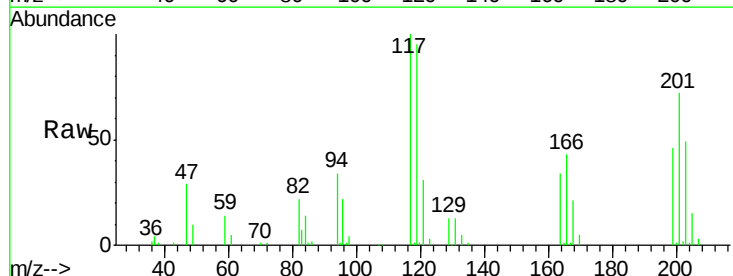


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

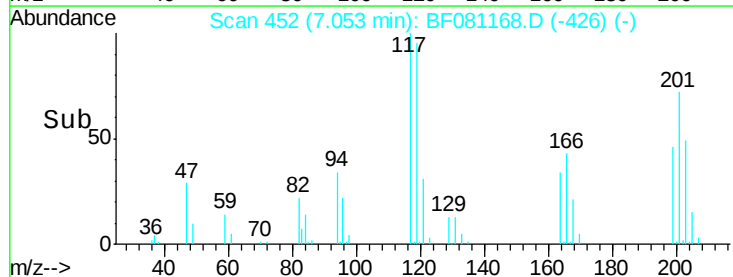
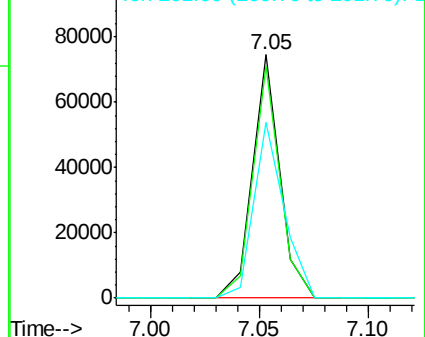


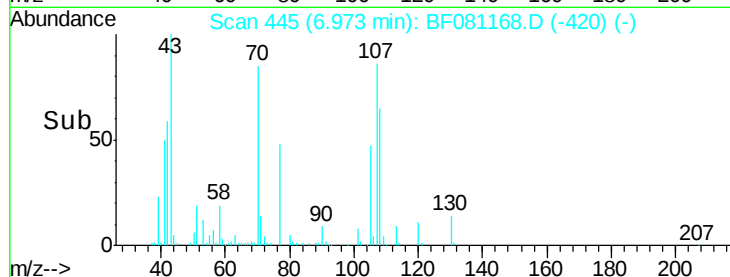
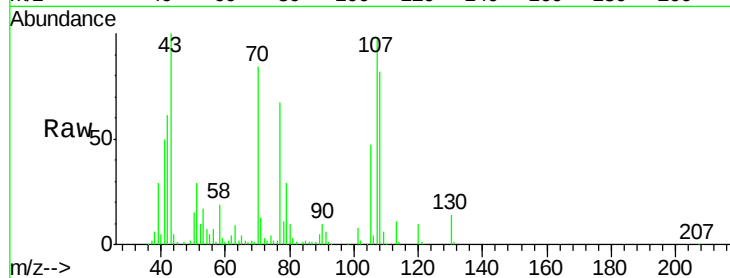
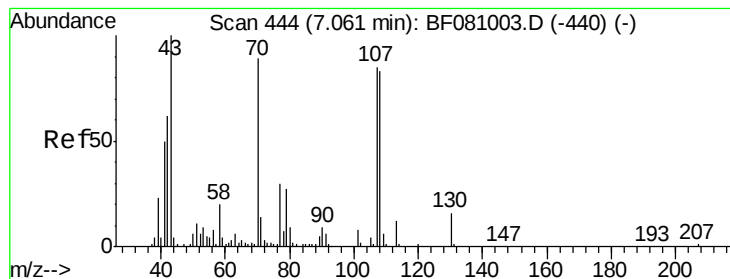
#18
Hexachloroethane
Concen: 31.19 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Tgt Ion:117 Resp: 64896
Ion Ratio Lower Upper
117 100
119 95.2 77.9 116.9
201 72.0 61.3 91.9



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: 31.53 ng

RT: 6.97 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

Tgt Ion: 70 Resp: 126011

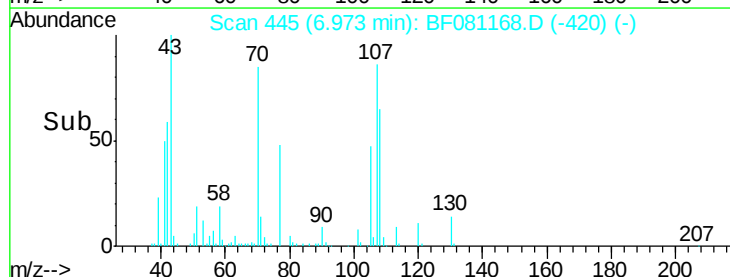
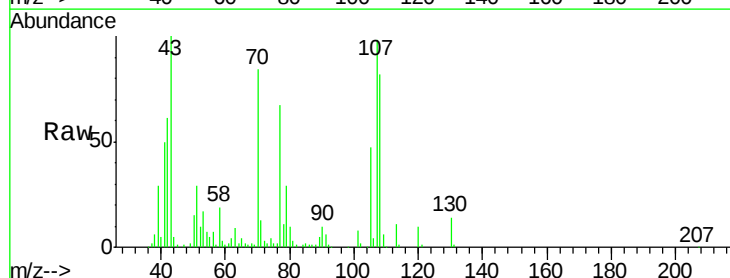
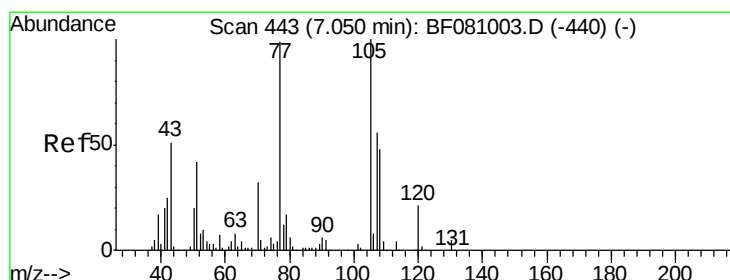
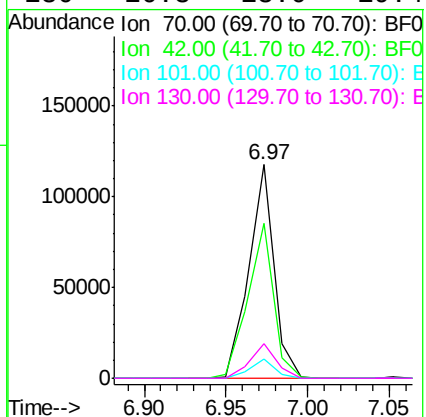
Ion Ratio Lower Upper

70 100

42 72.4 65.0 97.4

101 8.9 7.4 11.2

130 16.3 13.0 19.4



#20

3+4-Methylphenols

Concen: 33.54 ng

RT: 6.97 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Tgt Ion: 107 Resp: 176780

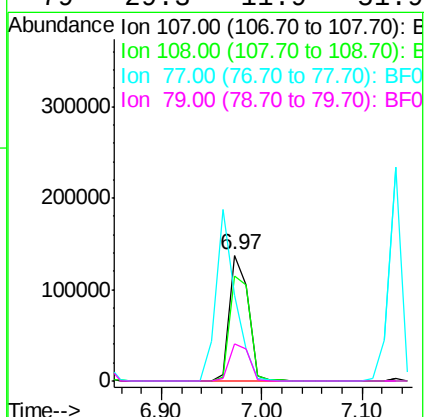
Ion Ratio Lower Upper

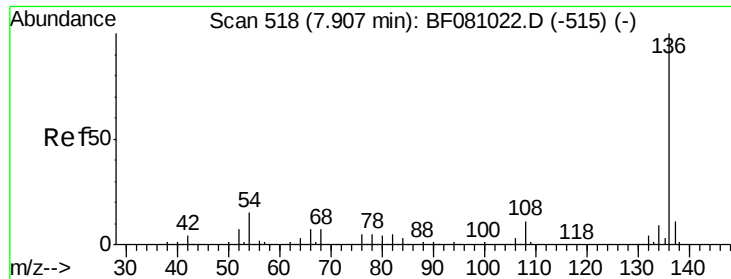
107 100

108 84.0 66.1 106.1

77 68.3 139.3 179.3#

79 29.3 11.9 51.9

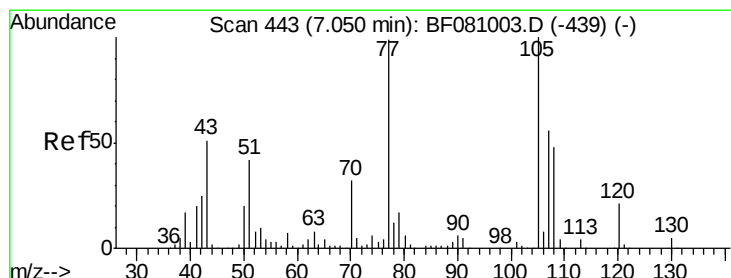
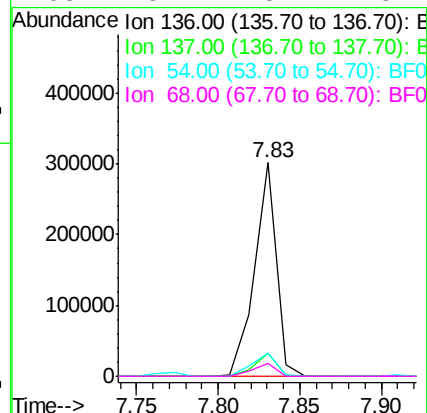
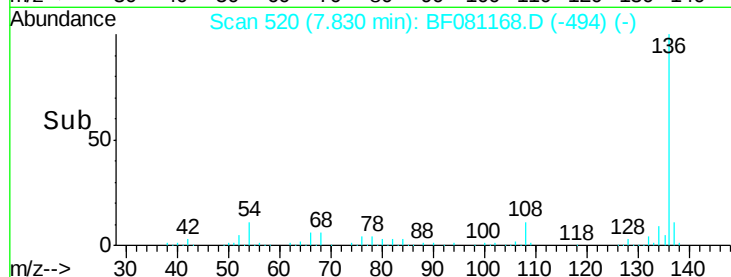
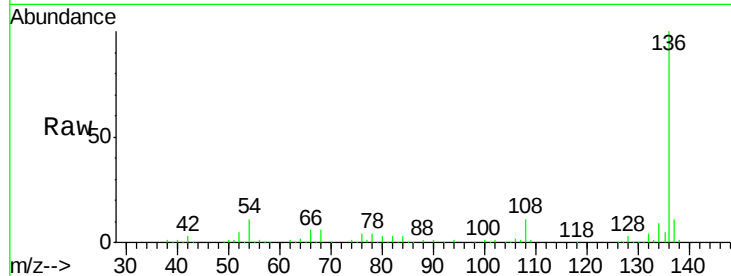




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

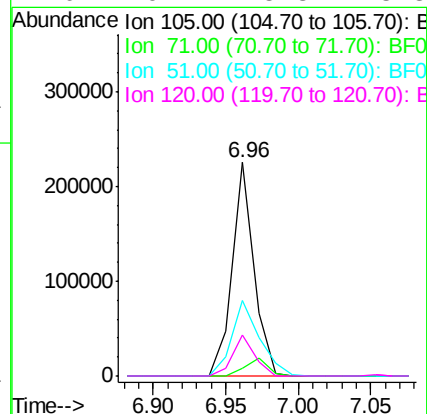
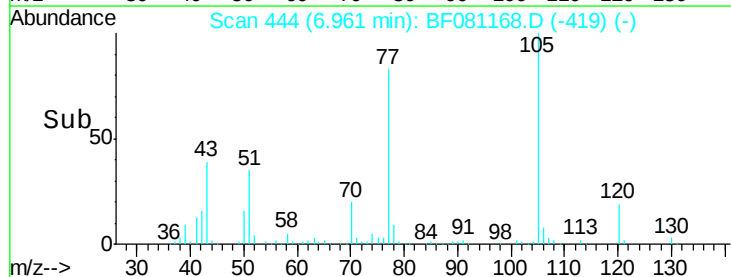
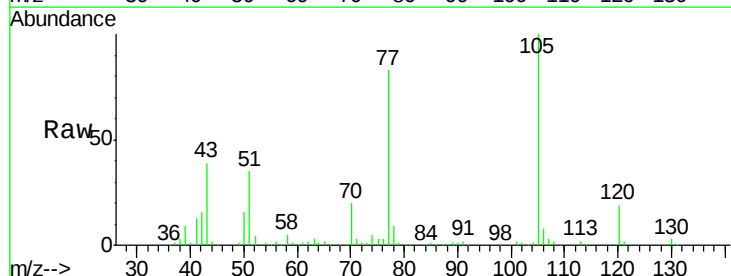
Instrument :
BNA_F
ClientSampleId :
PB84980BS

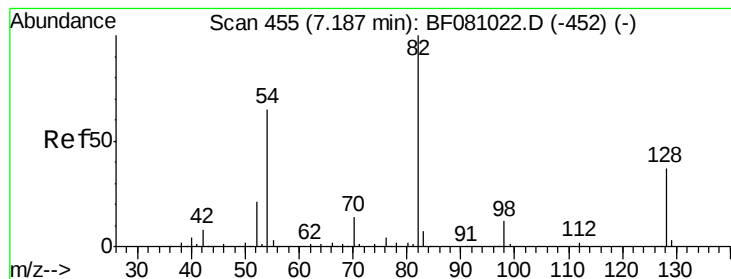
Tgt Ion:	136	Resp:	280560
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	10.6	7.7	11.5
68	5.7	3.4	5.2#



#22
Acetophenone
Concen: 31.84 ng
RT: 6.96 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Tgt Ion:	105	Resp:	234526
Ion	Ratio	Lower	Upper
105	100		
71	3.4	3.0	4.6
51	35.4	39.8	59.8#
120	19.2	15.8	23.8





#23

Nitrobenzene-d5

Concen: 62.27 ng

RT: 7.11 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

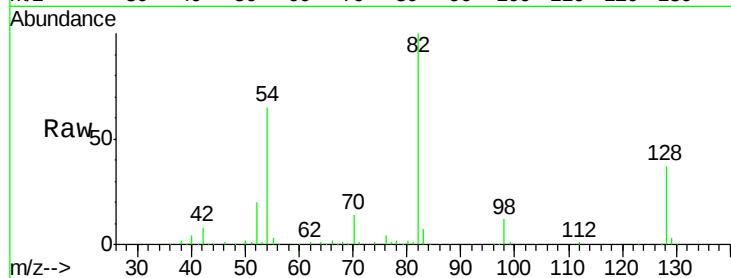
Tgt Ion: 82 Resp: 382448

Ion Ratio Lower Upper

82 100

128 36.9 28.6 42.8

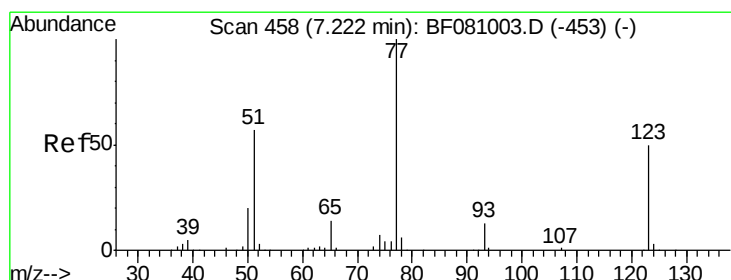
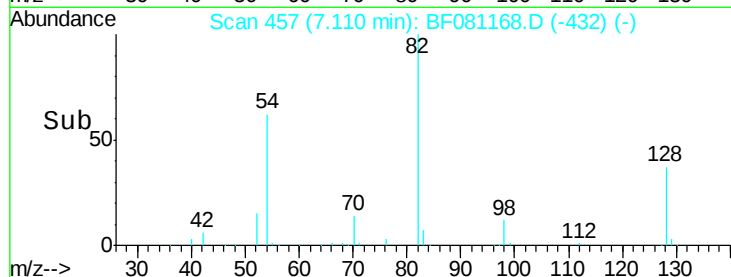
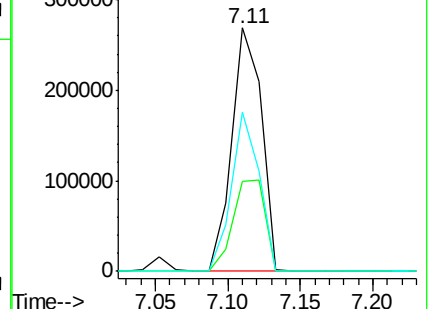
54 65.2 55.1 82.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 31.14 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

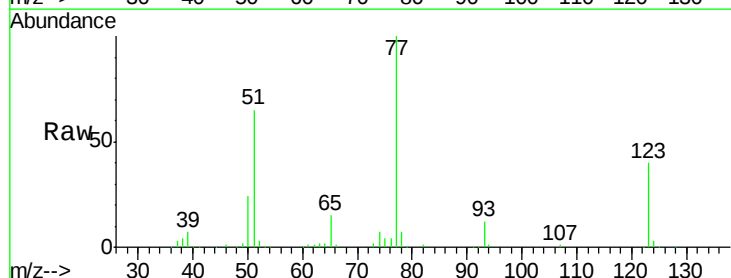
Tgt Ion: 77 Resp: 199956

Ion Ratio Lower Upper

77 100

123 39.6 32.9 49.3

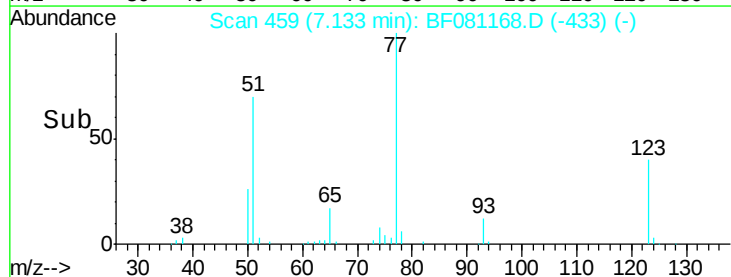
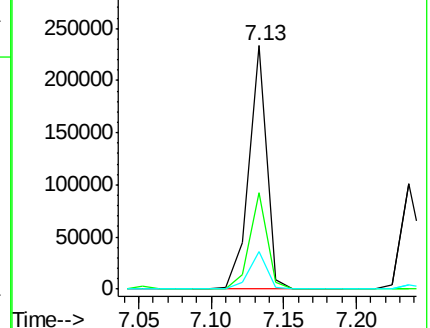
65 15.4 12.5 18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 29.32 ng

RT: 7.37 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

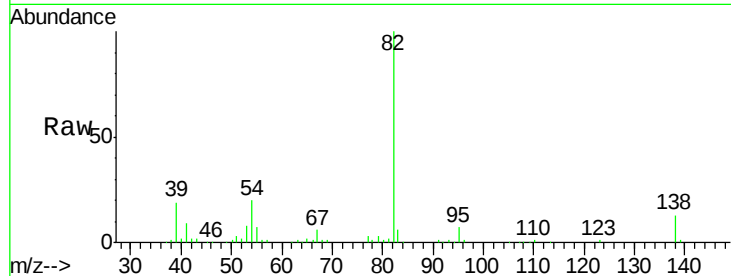
Tgt Ion: 82 Resp: 335805

Ion Ratio Lower Upper

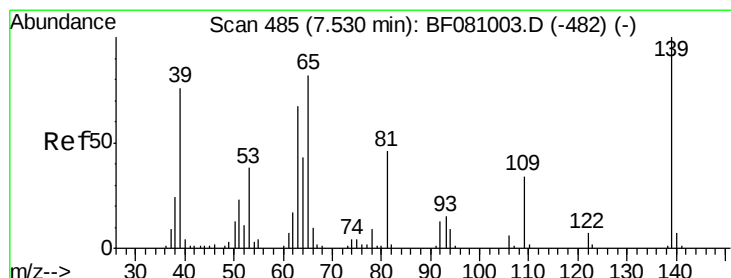
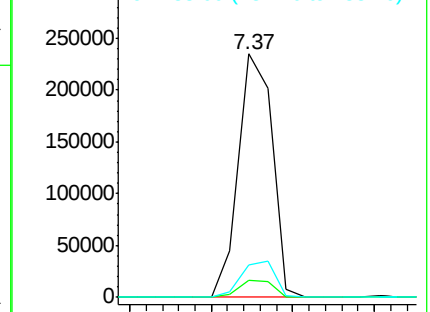
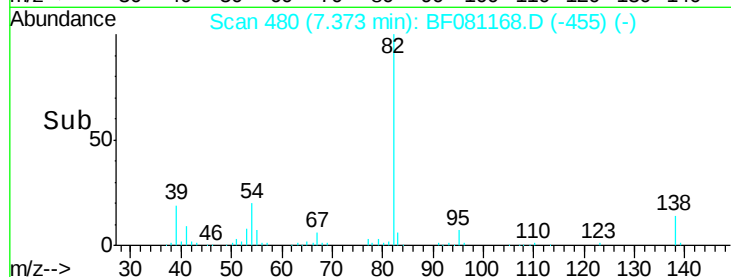
82 100

95 6.9 6.2 9.2

138 13.5 10.5 15.7



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



#26

2-Nitrophenol

Concen: 33.84 ng

RT: 7.45 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

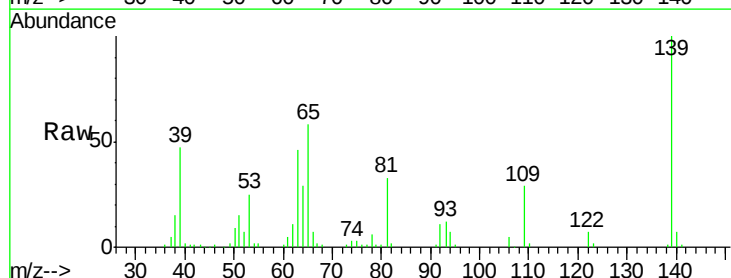
Tgt Ion: 139 Resp: 90378

Ion Ratio Lower Upper

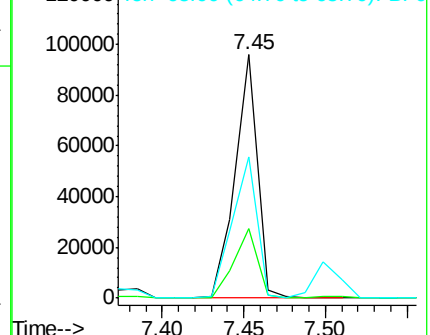
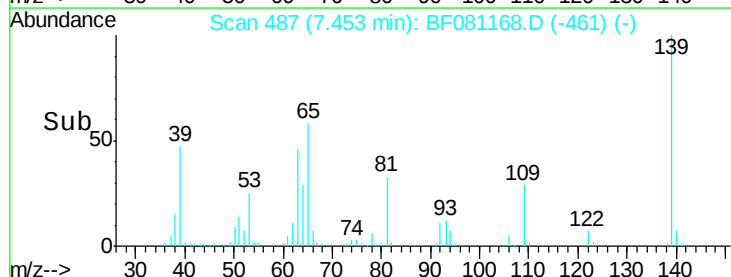
139 100

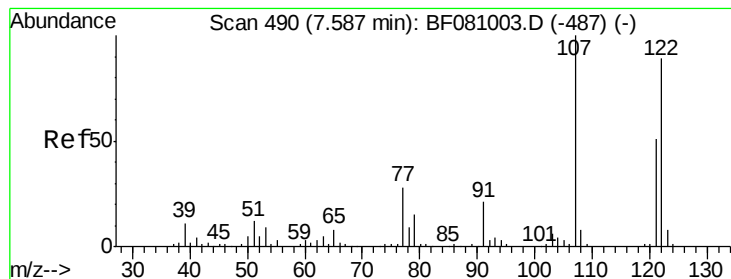
109 28.7 32.1 48.1#

65 58.1 69.9 104.9#



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





#27

2,4-Dimethylphenol

Concen: 30.97 ng

RT: 7.50 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

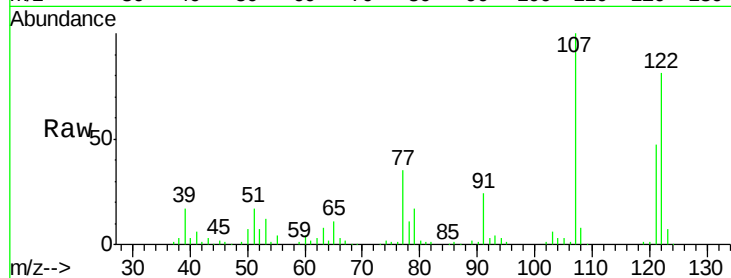
Tgt Ion:122 Resp: 146302

Ion Ratio Lower Upper

122 100

107 123.4 103.8 155.6

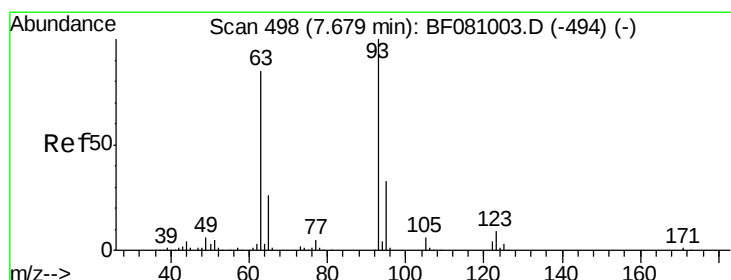
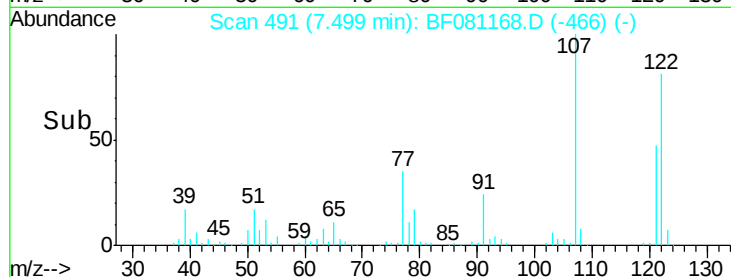
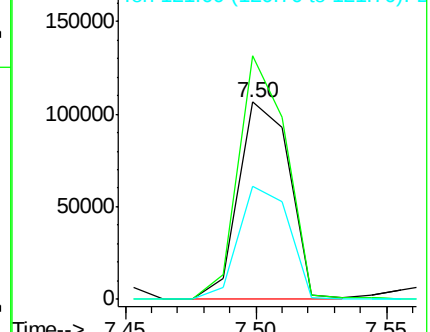
121 57.4 47.0 70.4



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: 33.43 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

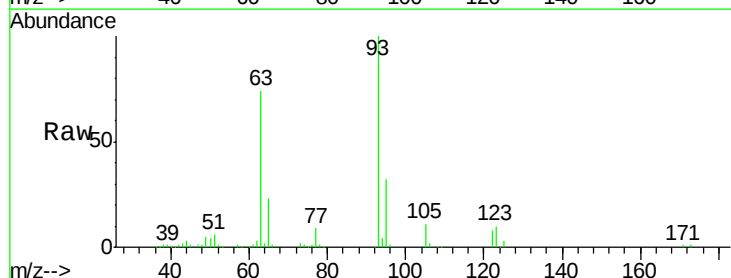
Tgt Ion: 93 Resp: 226166

Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.8

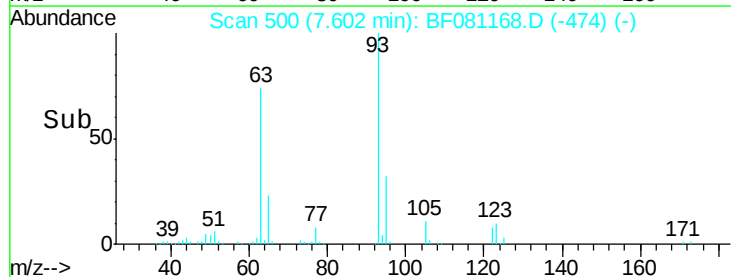
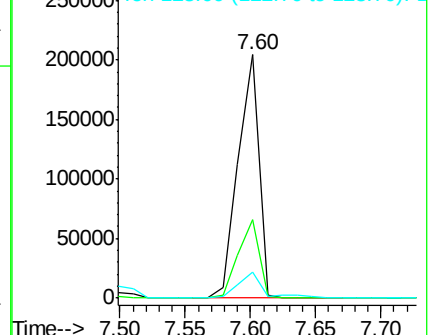
123 10.4 7.4 11.0

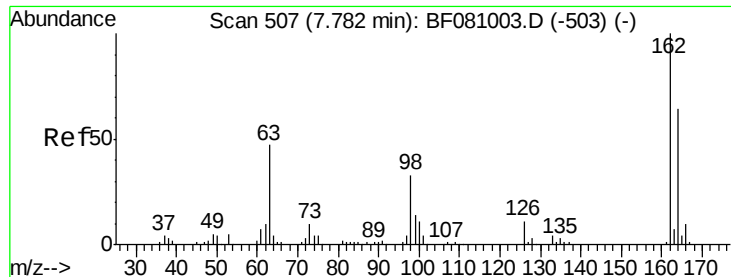


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

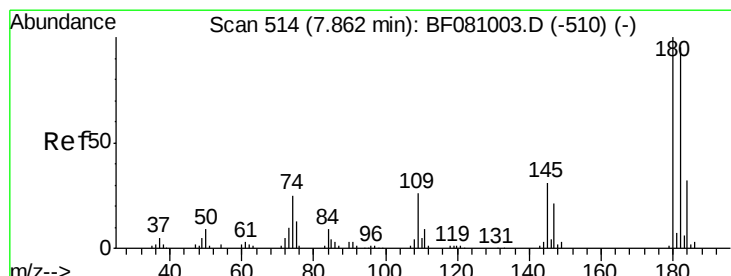
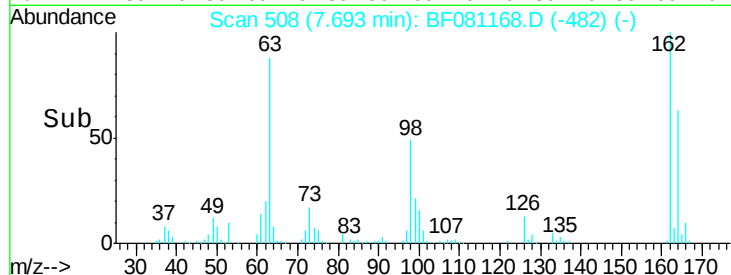
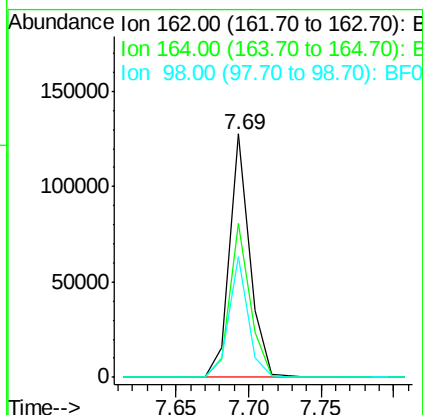
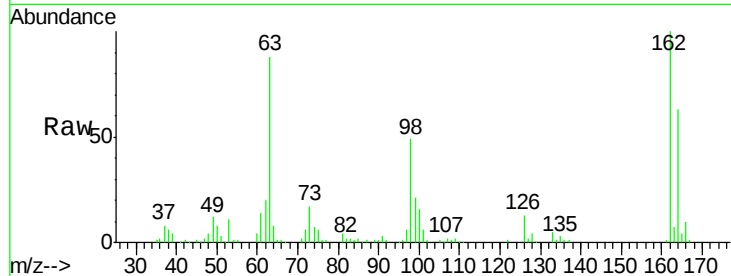




#29
 2,4-Dichlorophenol
 Concen: 31.23 ng
 RT: 7.69 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

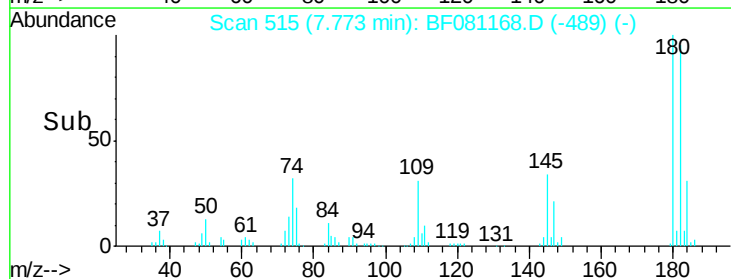
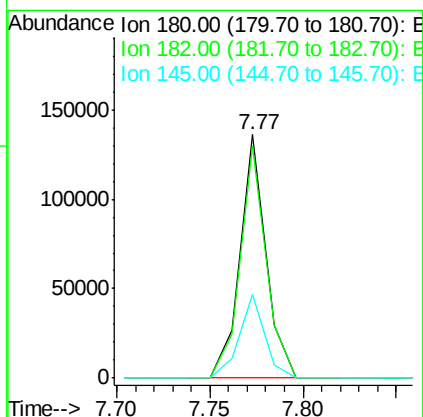
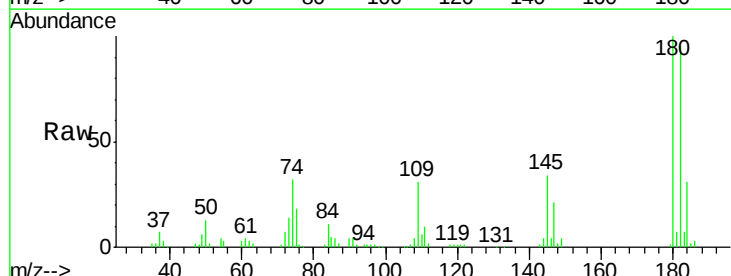
Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

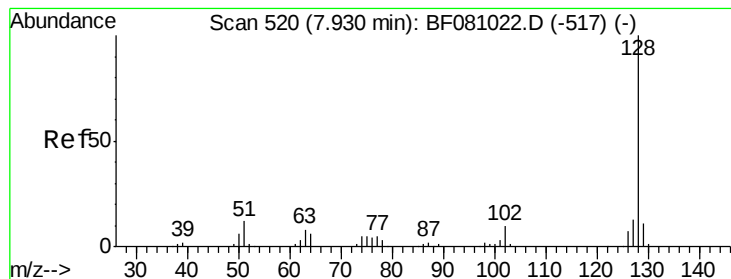
Tgt Ion:162 Resp: 124201
 Ion Ratio Lower Upper
 162 100
 164 63.2 43.2 83.2
 98 49.4 12.3 52.3



#30
 1,2,4-Trichlorobenzene
 Concen: 29.89 ng
 RT: 7.77 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion:180 Resp: 132126
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.4 114.6
 145 34.4 25.4 38.2





#31

Naphthalene

Concen: 31.62 ng

RT: 7.85 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

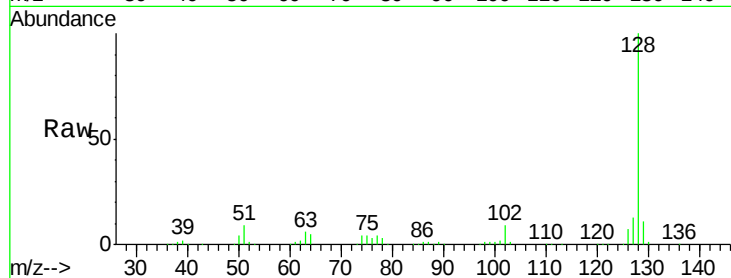
Tgt Ion:128 Resp: 494505

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

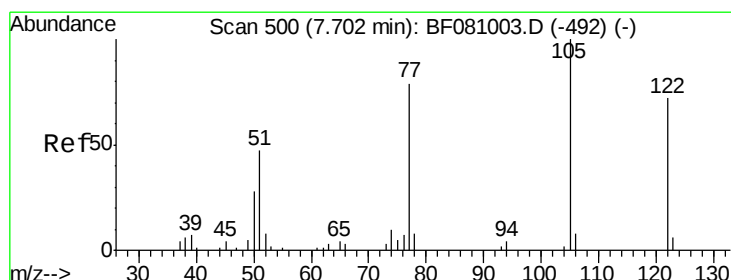
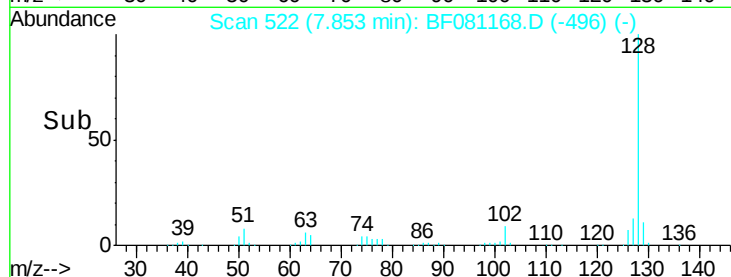
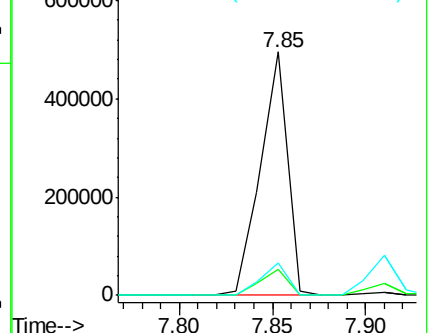
127 13.1 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.80 ng

RT: 7.64 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

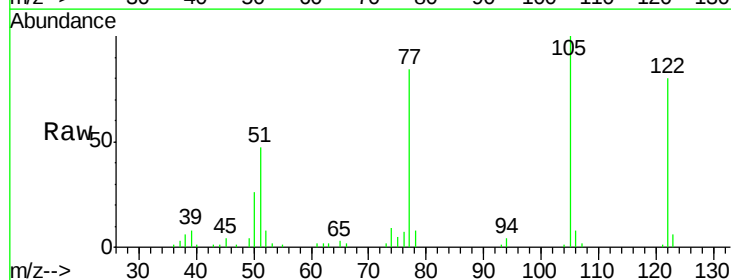
Tgt Ion:122 Resp: 105755

Ion Ratio Lower Upper

122 100

105 124.8 113.8 153.8

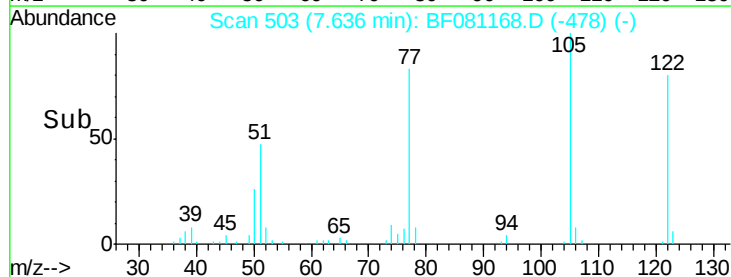
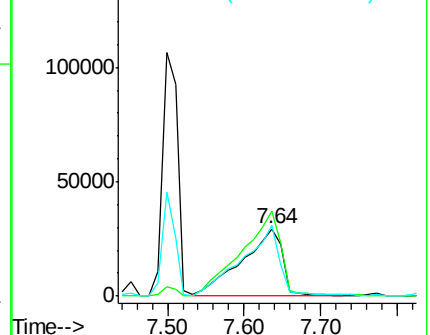
77 105.1 93.8 133.8



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

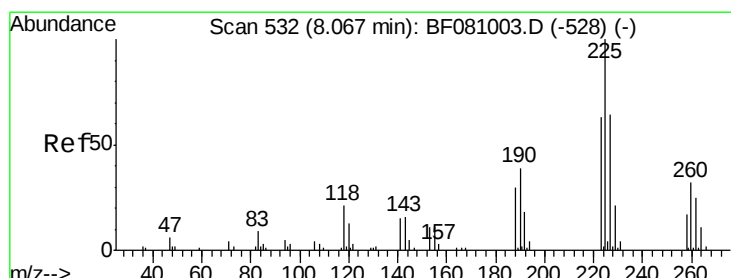
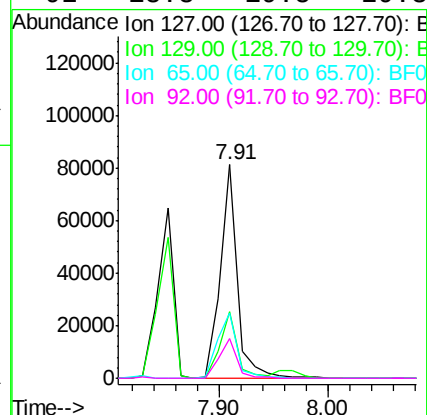
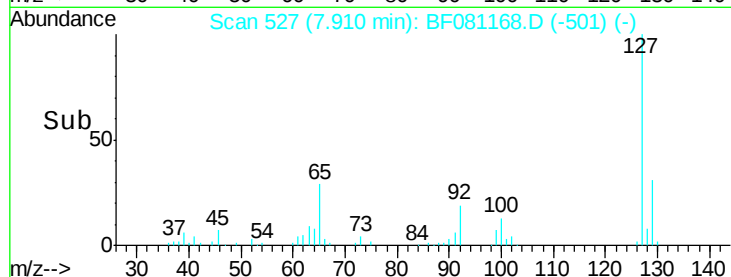
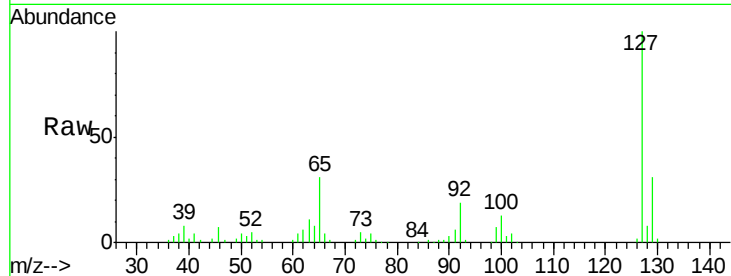




#33
4-Chloroaniline
Concen: 13.63 ng
RT: 7.91 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

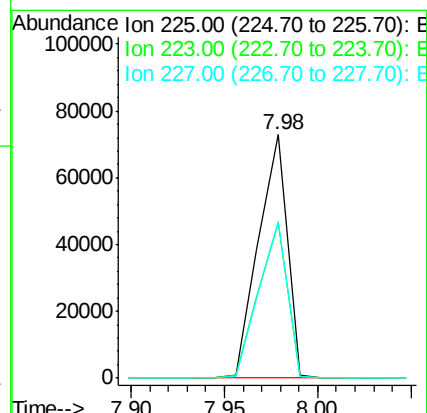
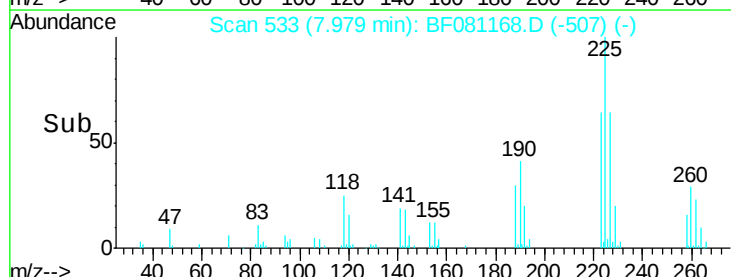
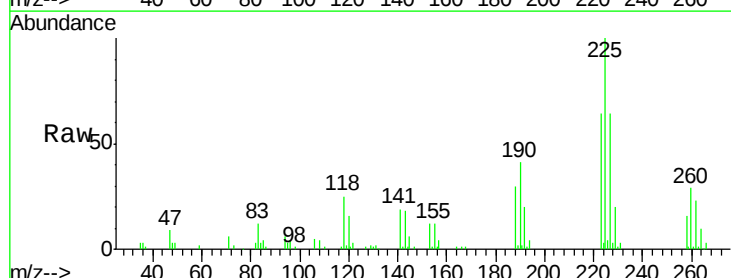
Instrument :
BNA_F
ClientSampleId :
PB84980BS

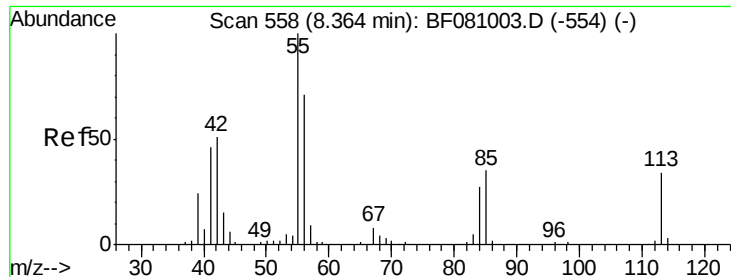
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.2	37.8
65	30.6	37.8	56.6#
92	18.8	19.5	29.3#



#34
Hexachlorobutadiene
Concen: 31.12 ng
RT: 7.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	52.6	79.0
227	64.4	51.1	76.7

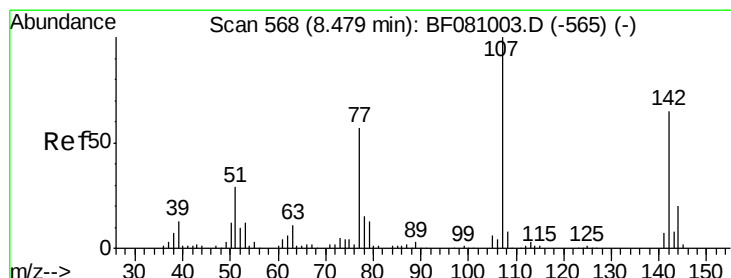
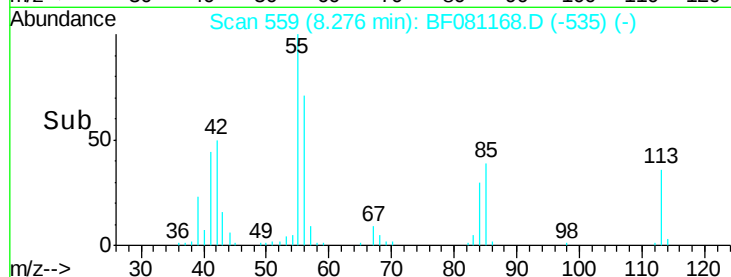
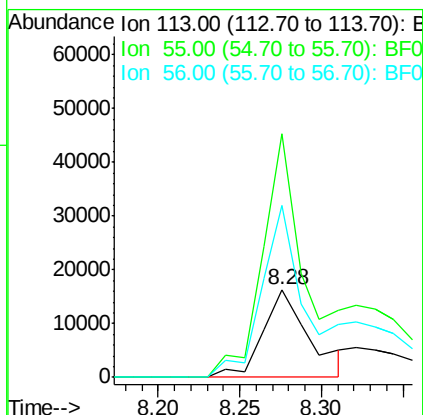
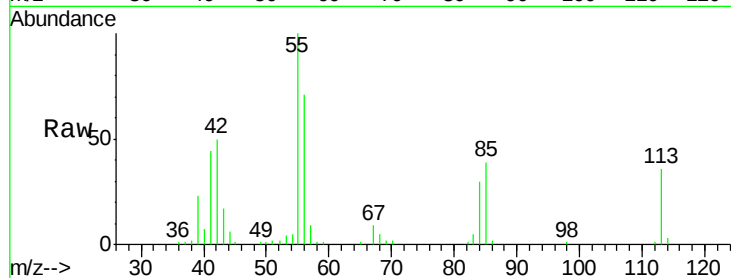




#35
 Caprolactam
 Concen: 23.01 ng
 RT: 8.28 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

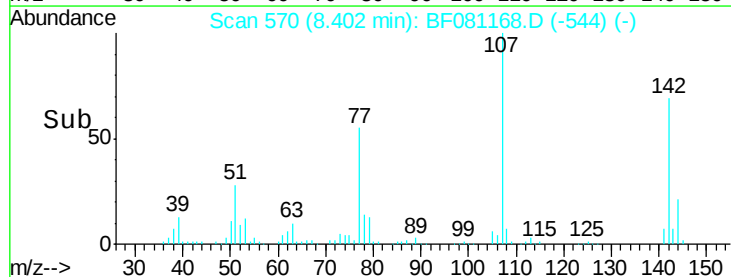
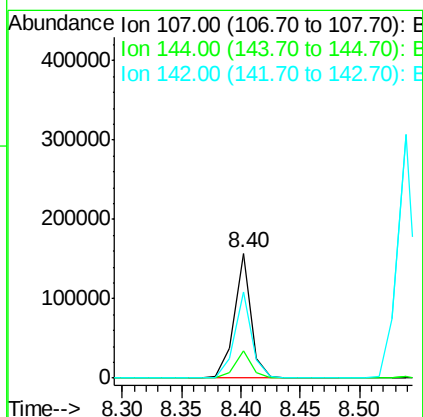
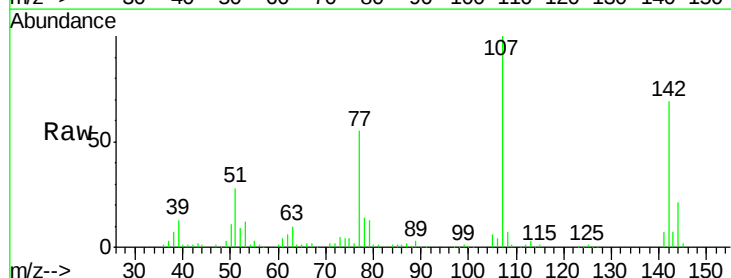
Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

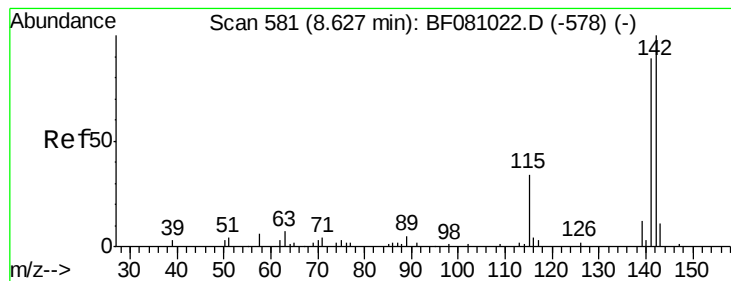
Tgt Ion:113 Resp: 31994
 Ion Ratio Lower Upper
 113 100
 55 278.4 280.4 320.4#
 56 196.7 205.9 245.9#



#36
 4-Chloro-3-methylphenol
 Concen: 32.69 ng
 RT: 8.40 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion:107 Resp: 154952
 Ion Ratio Lower Upper
 107 100
 144 21.4 17.2 25.8
 142 68.8 54.9 82.3





#37

2-Methylnaphthalene

Concen: 30.21 ng

RT: 8.54 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

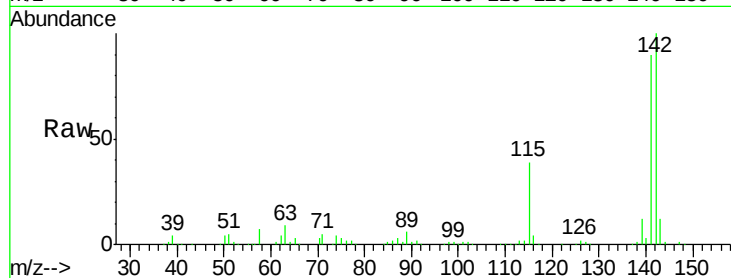
Tgt Ion:142 Resp: 298452

Ion Ratio Lower Upper

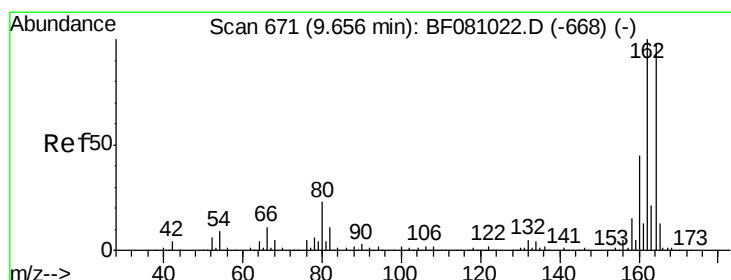
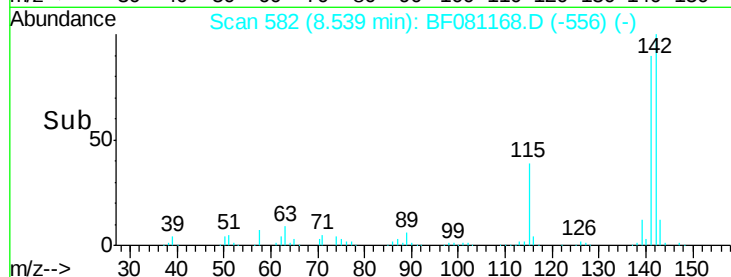
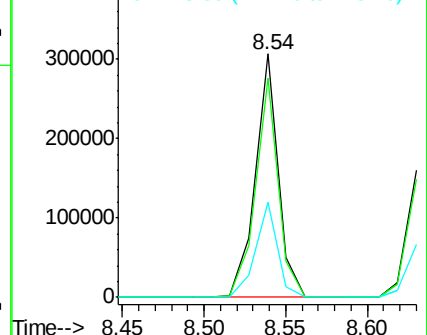
142 100

141 90.2 71.4 107.2

115 39.2 33.4 50.0



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: 9.57 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

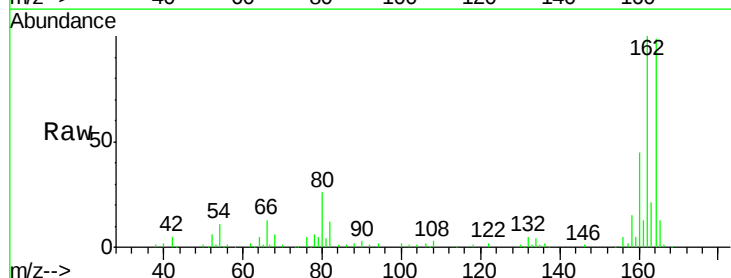
Tgt Ion:164 Resp: 123248

Ion Ratio Lower Upper

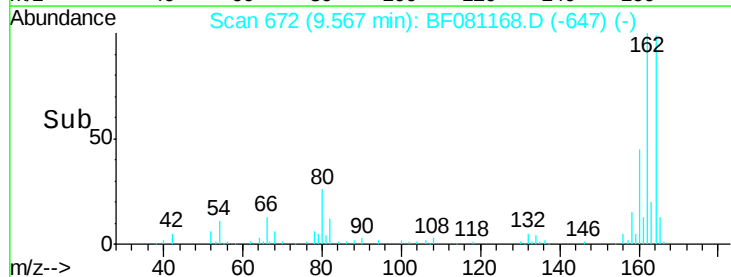
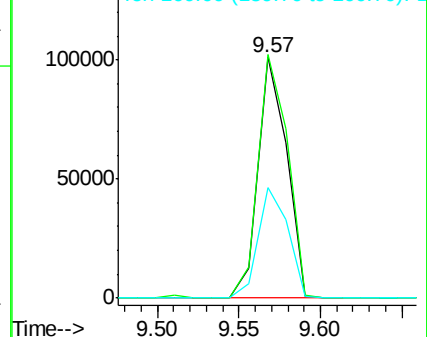
164 100

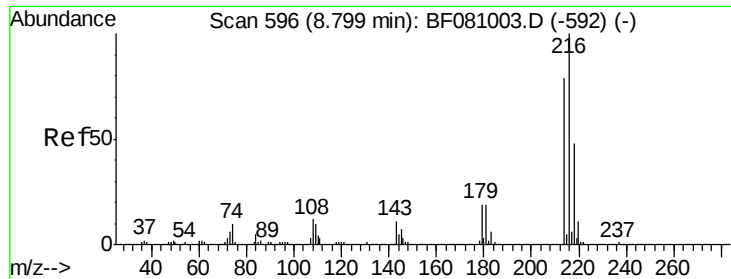
162 101.2 83.8 125.8

160 45.8 39.8 59.8



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: 32.67 ng

RT: 8.71 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

Tgt Ion:216 Resp: 129896

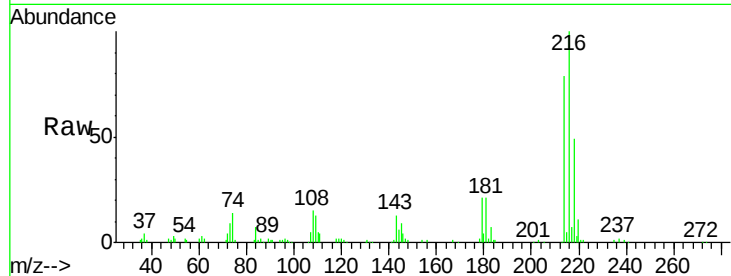
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.8

179 22.9 17.8 26.8

108 22.7 16.2 24.2

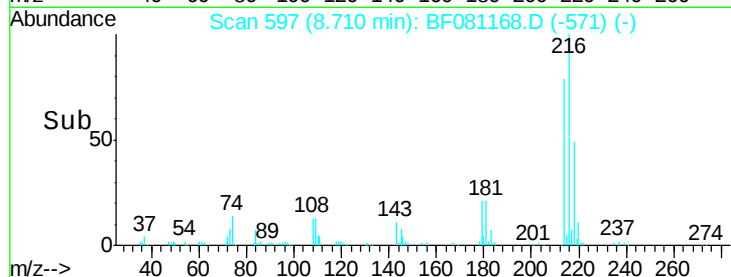


Abundance Ion 216.00 (215.70 to 216.70): E

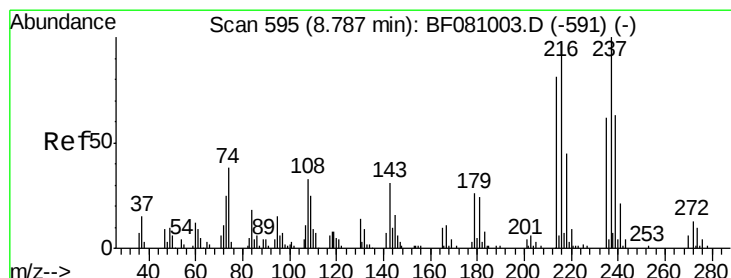
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 66.59 ng

RT: 8.70 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

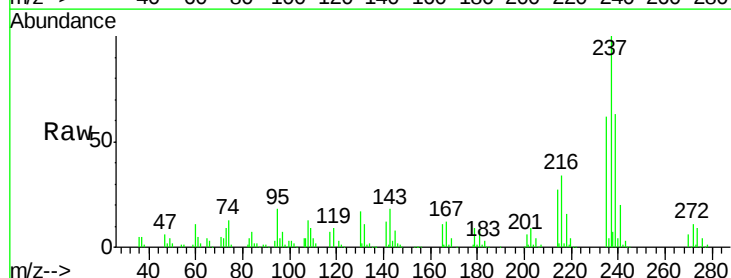
Tgt Ion:237 Resp: 137052

Ion Ratio Lower Upper

237 100

235 61.5 43.6 83.6

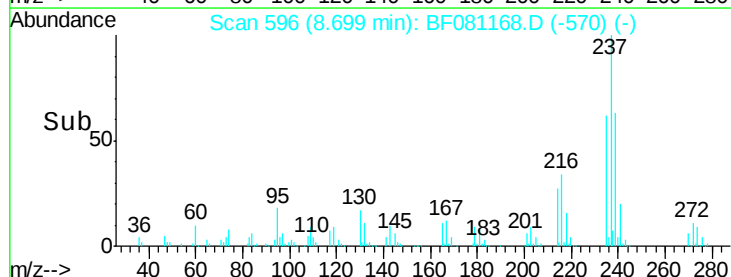
272 11.4 0.0 32.2



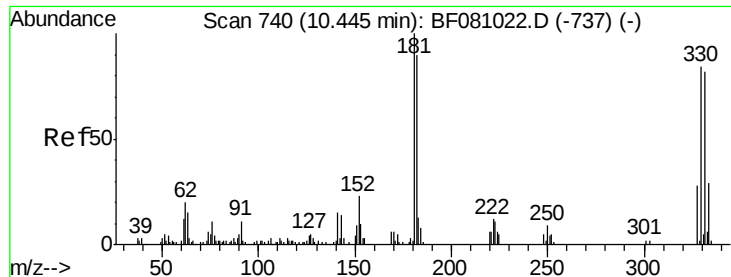
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 93.48 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

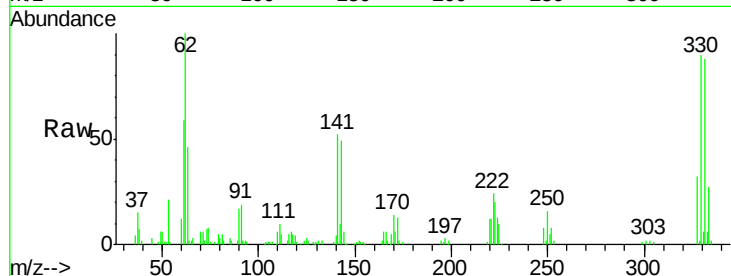
Tgt Ion:330 Resp: 99868

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

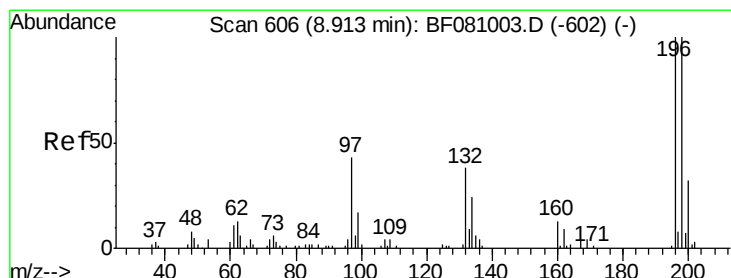
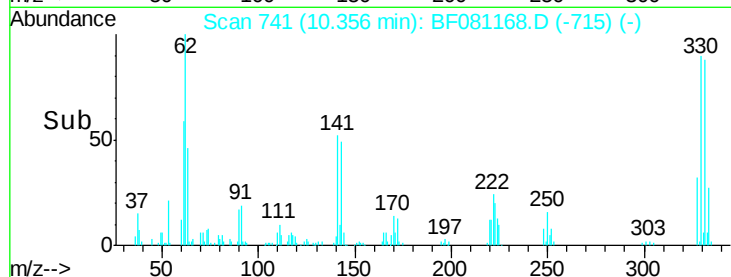
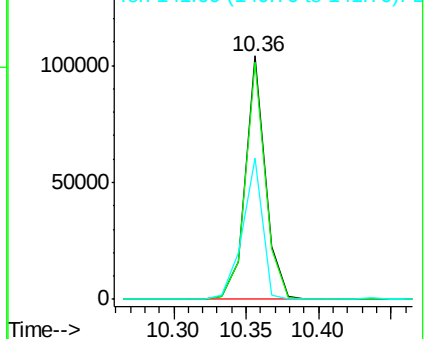
141 57.1 44.9 67.3



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: 35.35 ng

RT: 8.82 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

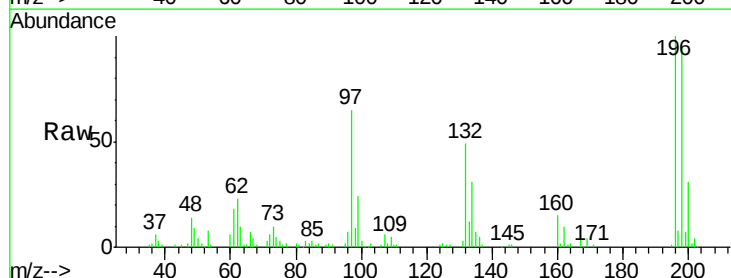
Tgt Ion:196 Resp: 99309

Ion Ratio Lower Upper

196 100

198 96.1 74.6 111.8

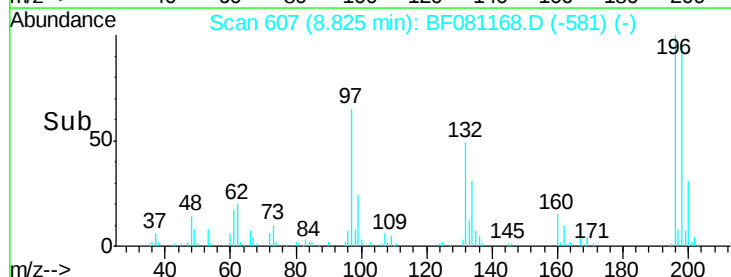
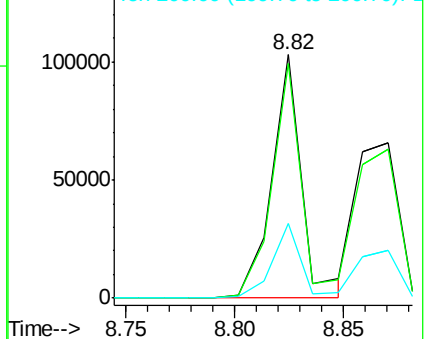
200 30.5 22.7 34.1



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

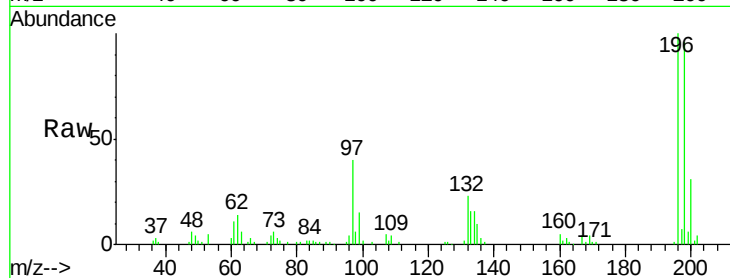




#43
 2,4,5-Trichlorophenol
 Concen: 32.25 ng
 RT: 8.87 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion	Resp	Lower	Upper
196	100		
198	95.8	78.3	117.5
97	39.7	42.7	64.1#
132	23.5	23.3	34.9



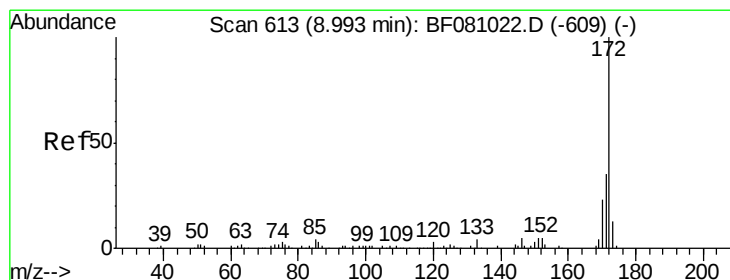
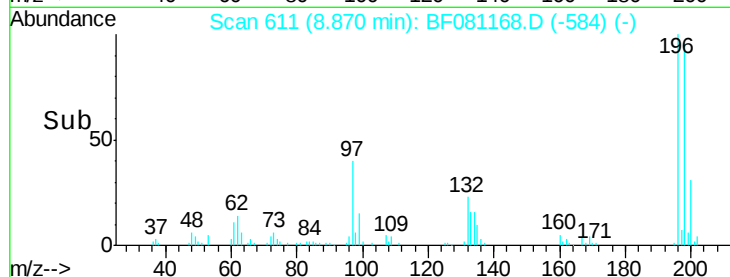
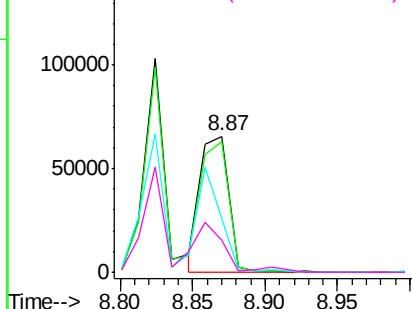
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

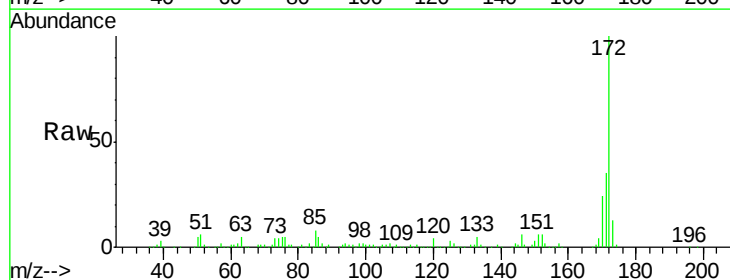
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 62.77 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	24.1	19.4	29.2

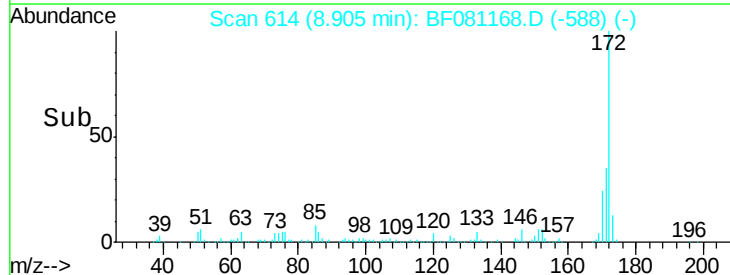
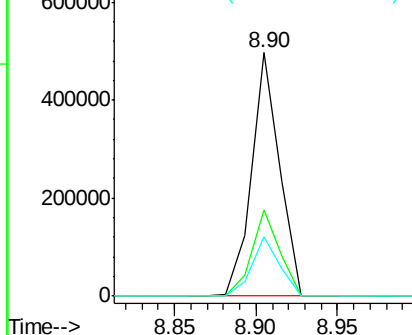


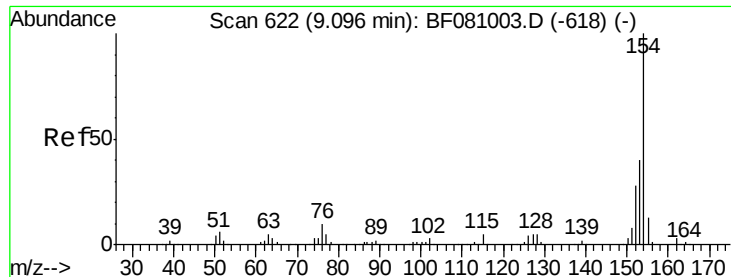
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.29 ng

RT: 9.01 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampled :

PB84980BS

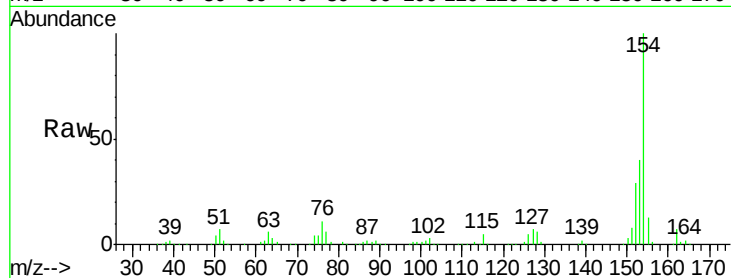
Tgt Ion:154 Resp: 393916

Ion Ratio Lower Upper

154 100

153 40.0 19.5 59.5

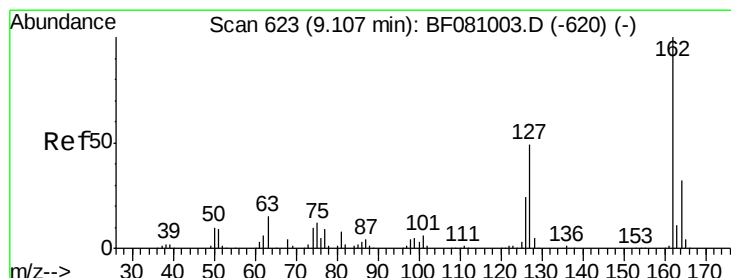
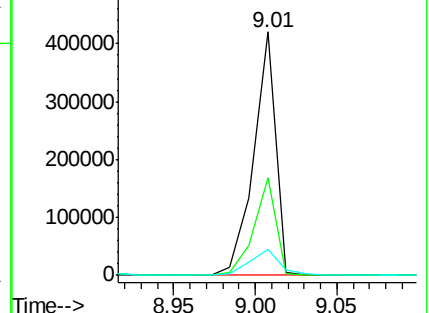
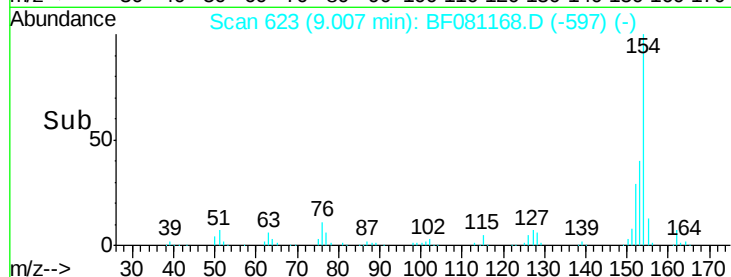
76 10.9 0.0 29.3



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: 30.34 ng

RT: 9.02 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

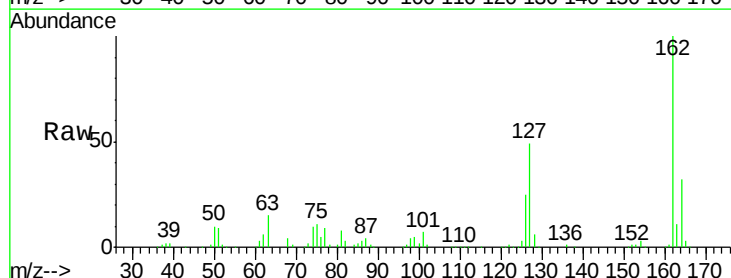
Tgt Ion:162 Resp: 264638

Ion Ratio Lower Upper

162 100

127 48.6 31.3 46.9#

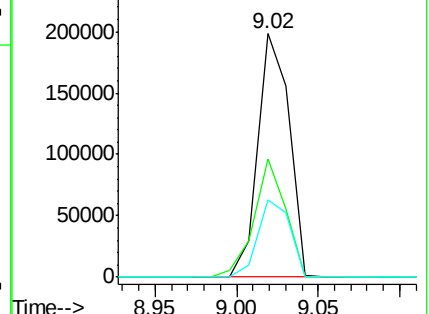
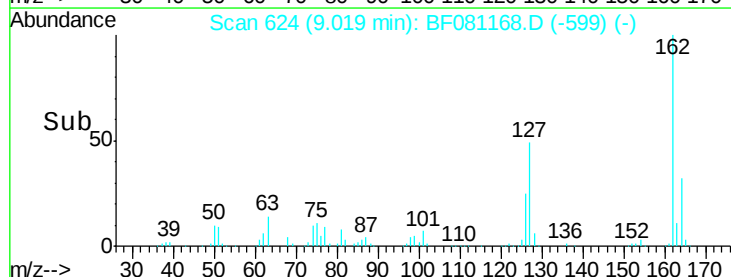
164 32.0 26.3 39.5

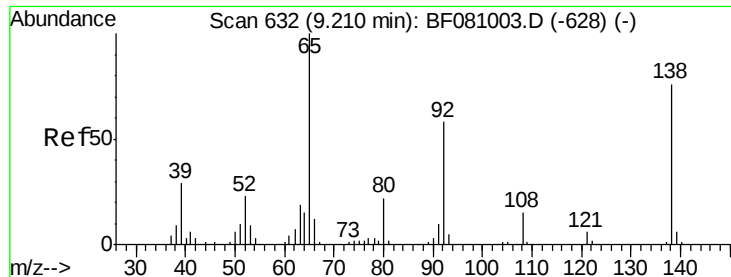


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 30.09 ng

RT: 9.12 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

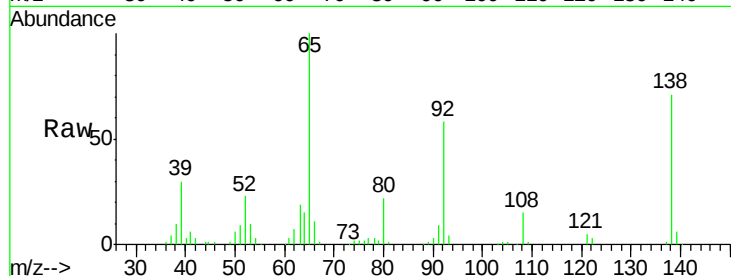
Tgt Ion: 65 Resp: 107375

Ion Ratio Lower Upper

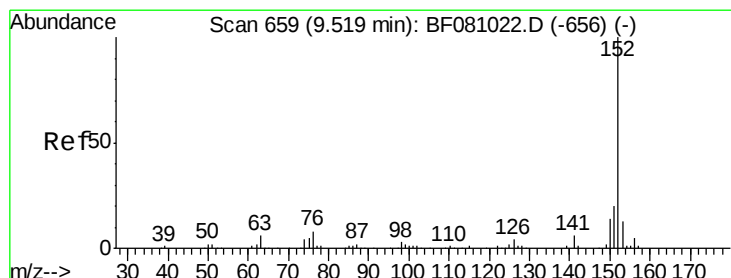
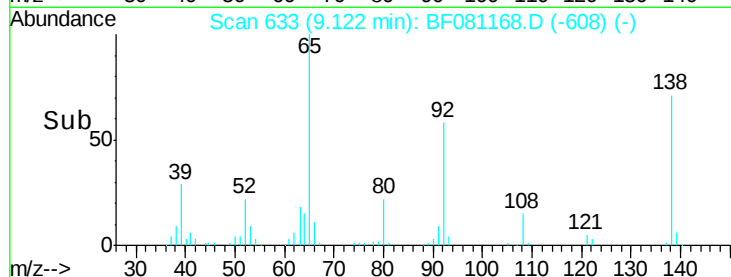
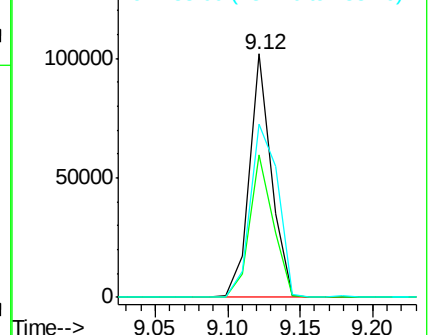
65 100

92 58.4 45.6 68.4

138 71.3 57.9 86.9



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



#48

Acenaphthylene

Concen: 28.36 ng

RT: 9.43 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

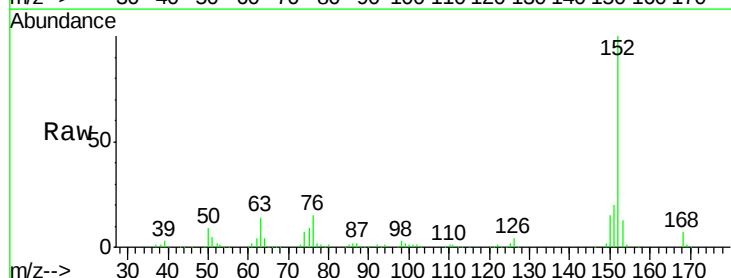
Tgt Ion: 152 Resp: 442528

Ion Ratio Lower Upper

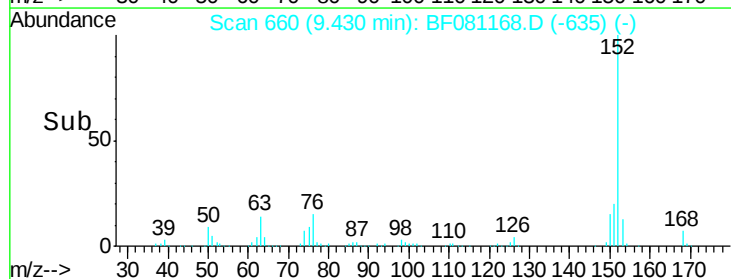
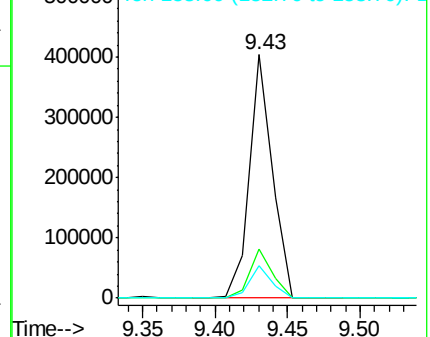
152 100

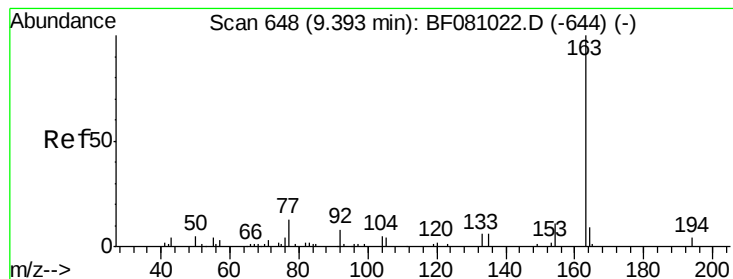
151 20.3 16.1 24.1

153 13.3 9.8 14.6



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: 32.32 ng

RT: 9.32 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

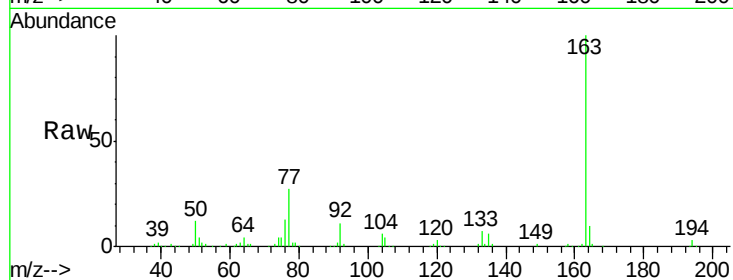
Tgt Ion:163 Resp: 328062

Ion Ratio Lower Upper

163 100

194 3.0 2.5 3.7

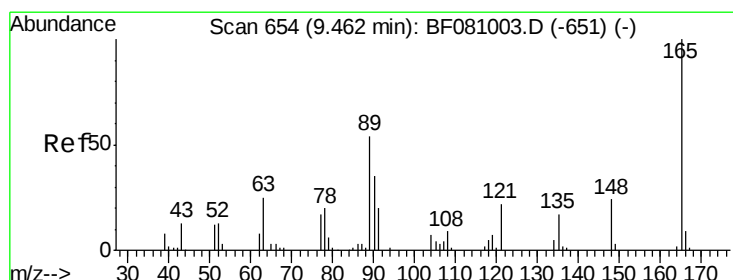
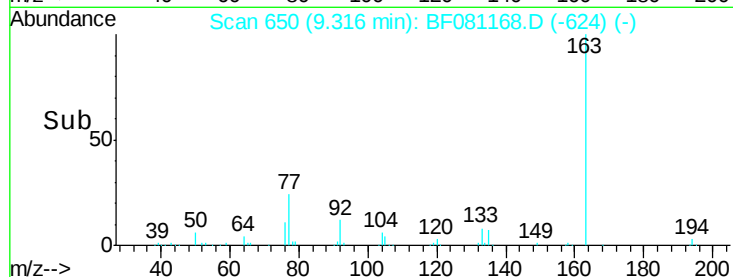
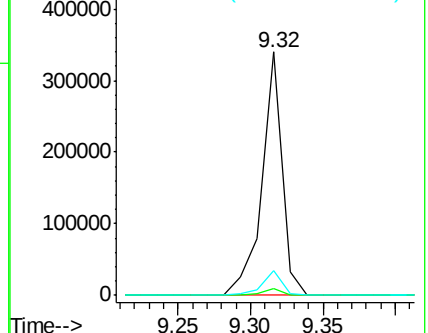
164 10.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 34.18 ng

RT: 9.37 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

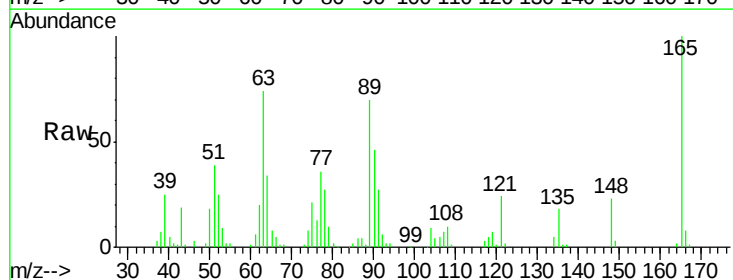
Tgt Ion:165 Resp: 74479

Ion Ratio Lower Upper

165 100

63 73.6 49.5 74.3

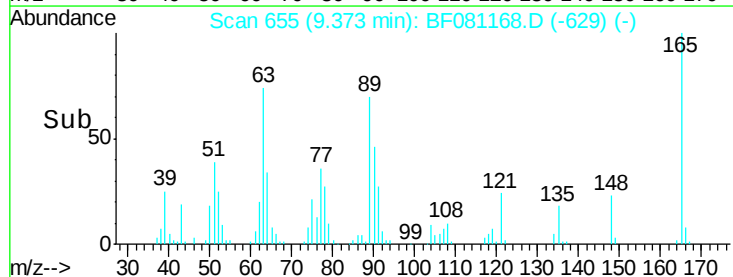
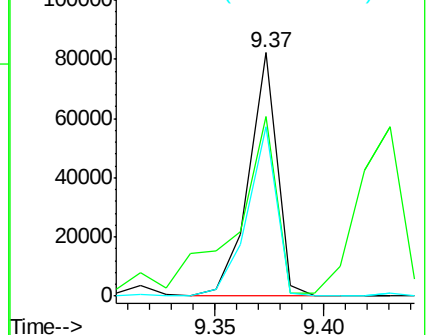
89 69.6 47.6 71.4

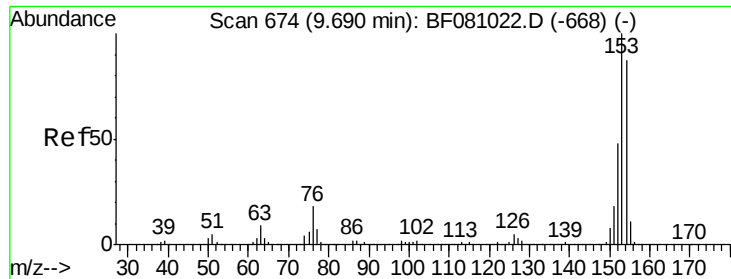


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 28.42 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

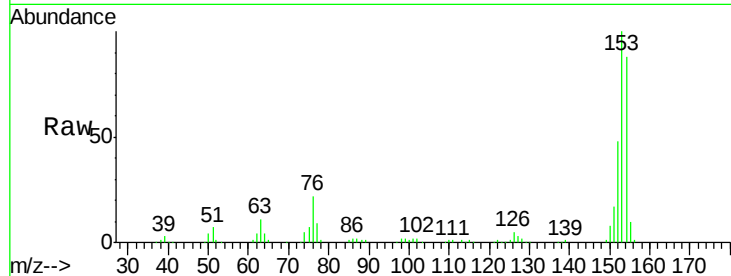
Tgt Ion:154 Resp: 265433

Ion Ratio Lower Upper

154 100

153 114.1 91.4 137.2

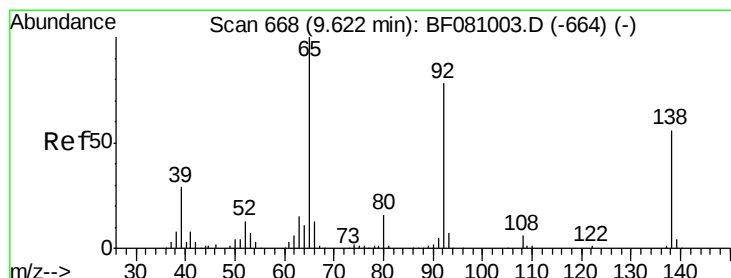
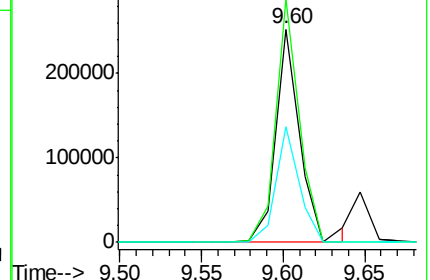
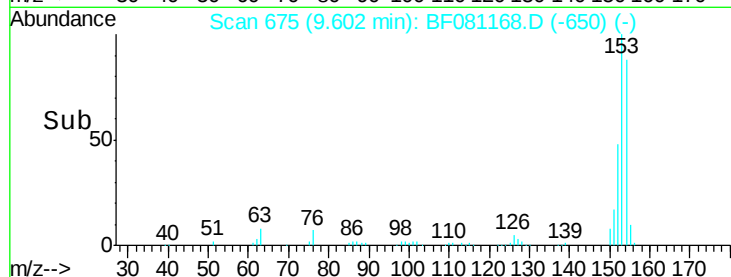
152 54.2 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.01 ng

RT: 9.53 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

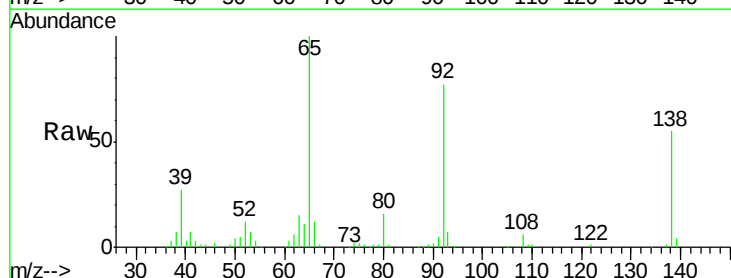
Tgt Ion:138 Resp: 51835

Ion Ratio Lower Upper

138 100

108 11.4 9.4 14.2

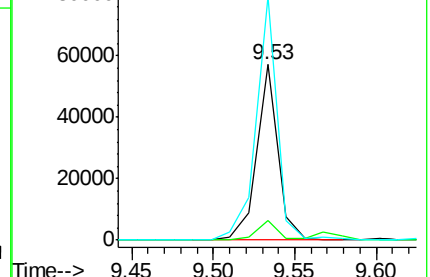
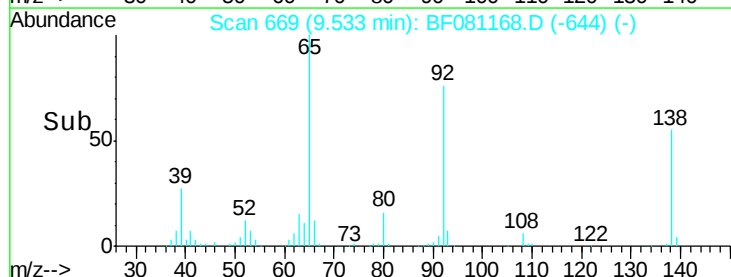
92 138.9 113.2 169.8

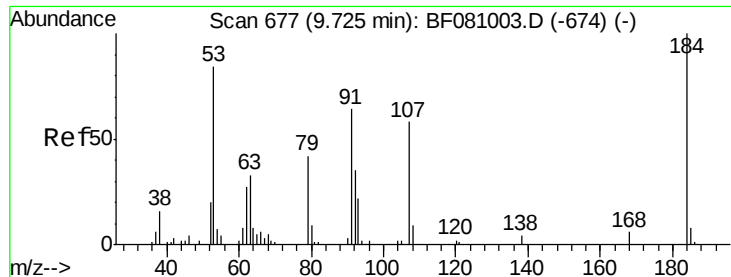


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

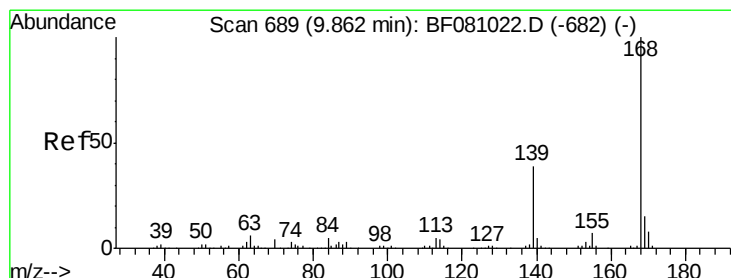
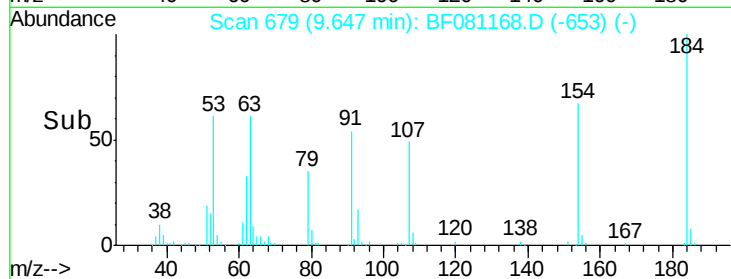
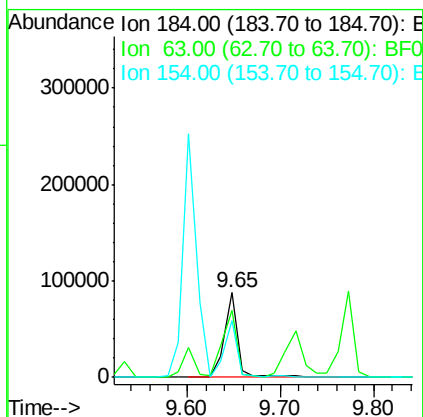
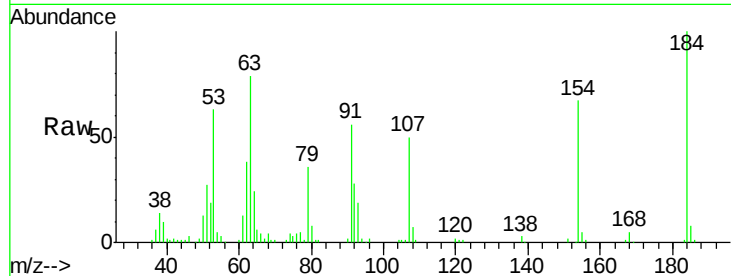




#53
 2,4-Dinitrophenol
 Concen: 71.92 ng
 RT: 9.65 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

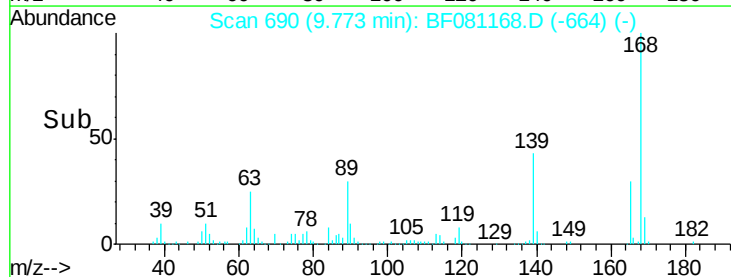
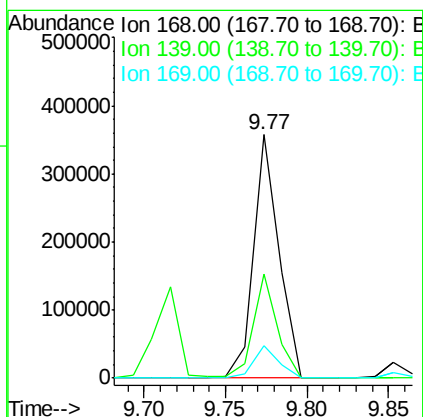
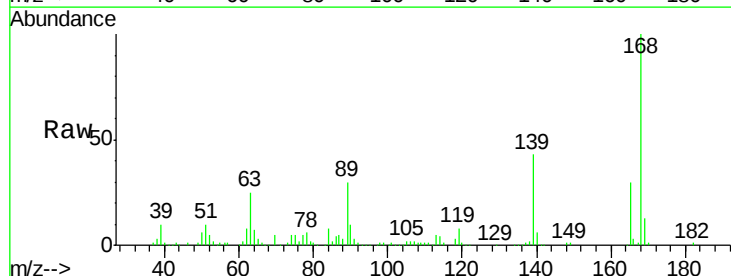
Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

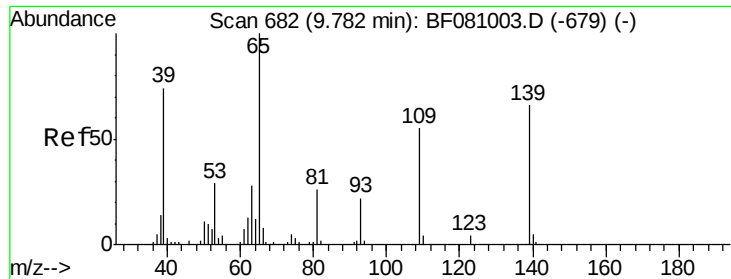
Tgt Ion:184 Resp: 85424
 Ion Ratio Lower Upper
 184 100
 63 79.1 101.7 152.5#
 154 67.4 67.4 101.0



#54
 Dibenzofuran
 Concen: 30.77 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion:168 Resp: 385152
 Ion Ratio Lower Upper
 168 100
 139 42.6 29.3 43.9
 169 13.4 10.3 15.5





#55

4-Nitrophenol

Concen: 72.47 ng

RT: 9.72 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

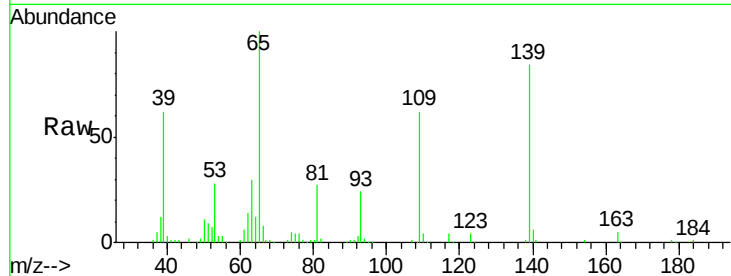
Tgt Ion:139 Resp: 138798

Ion Ratio Lower Upper

139 100

109 74.5 80.0 120.0#

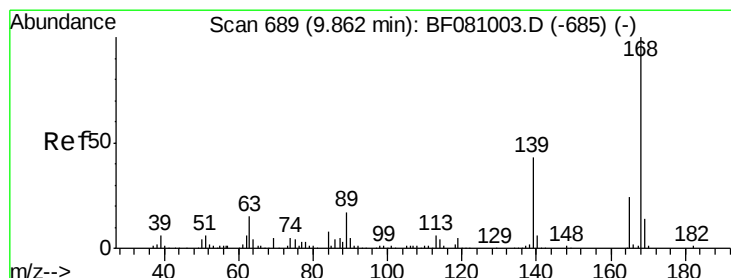
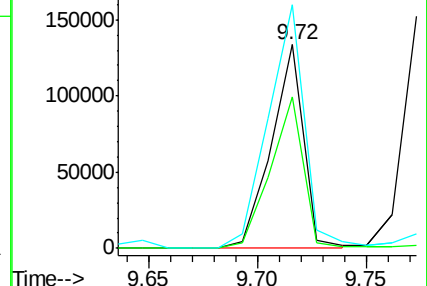
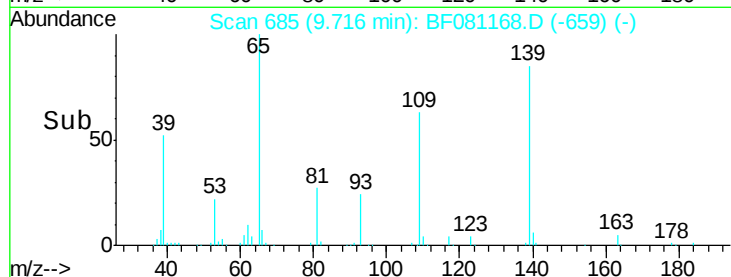
65 119.7 138.3 178.3#



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: 34.11 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Tgt Ion:165 Resp: 98527

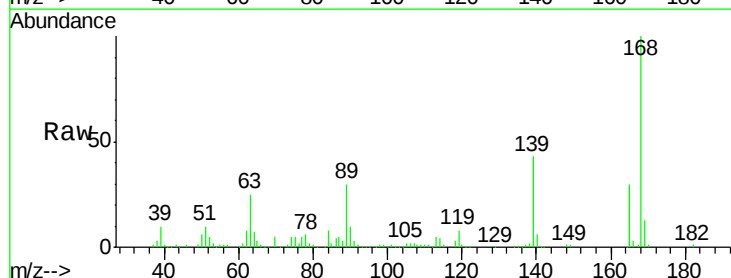
Ion Ratio Lower Upper

165 100

63 81.9 52.2 78.4#

89 98.4 60.1 90.1#

182 2.0 1.8 2.6

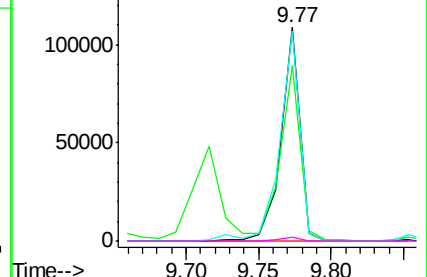
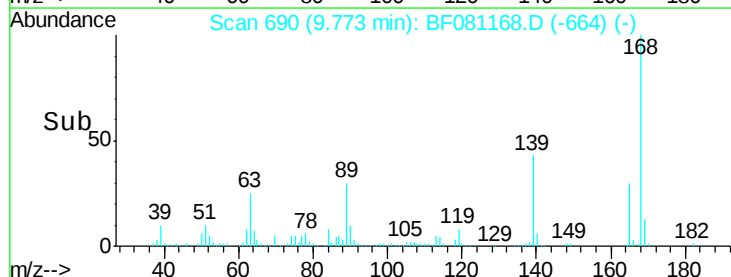


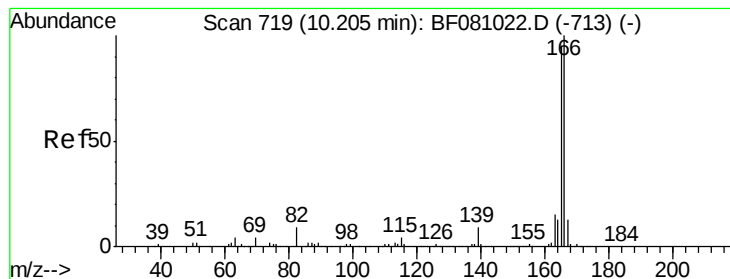
Abundance Ion 165.00 (164.70 to 165.70): E

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: 33.13 ng

RT: 10.12 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

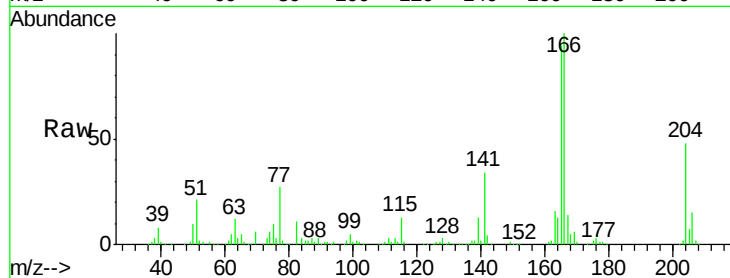
Tgt Ion:166 Resp: 318986

Ion Ratio Lower Upper

166 100

165 94.4 75.8 113.8

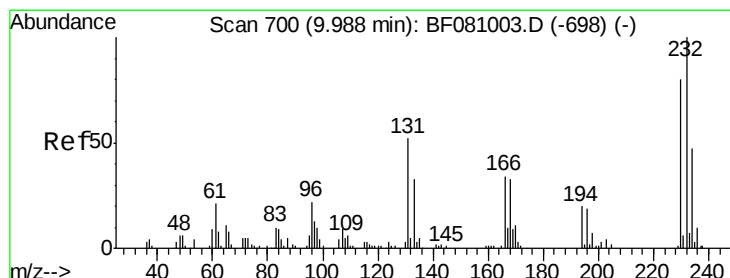
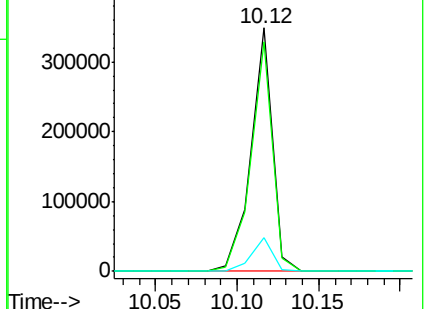
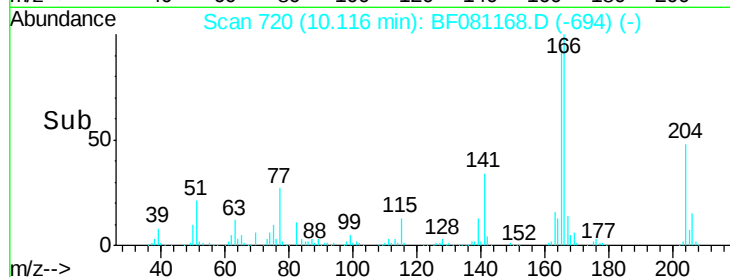
167 14.1 11.3 16.9



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: 33.20 ng

RT: 9.85 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Tgt Ion:232 Resp: 72141

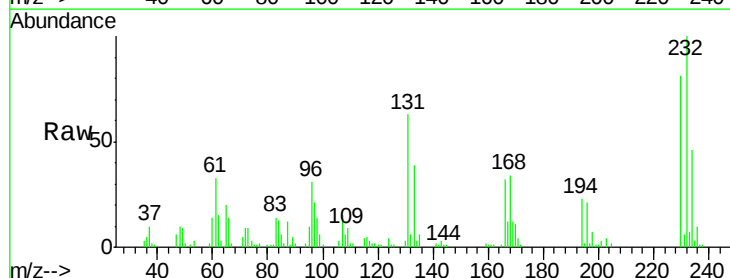
Ion Ratio Lower Upper

232 100

131 52.0 42.2 63.4

130 2.5 2.1 3.1

166 28.4 22.4 33.6

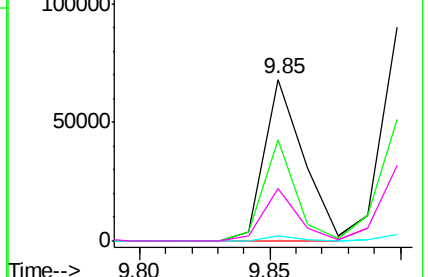
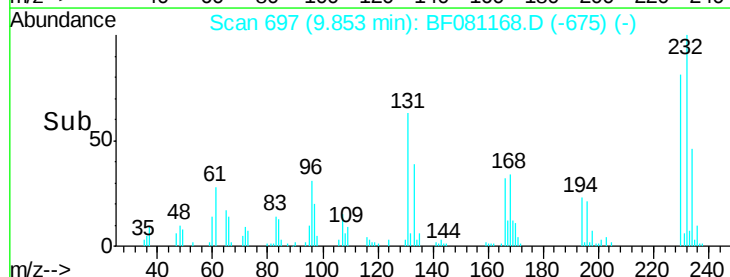


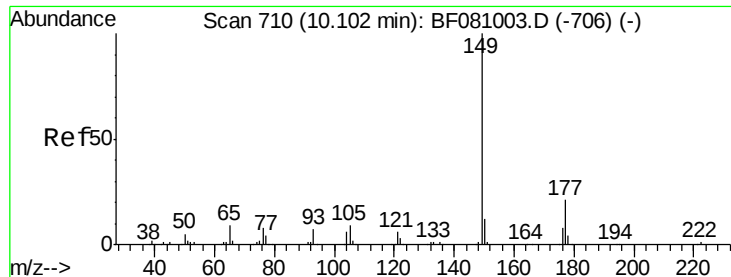
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

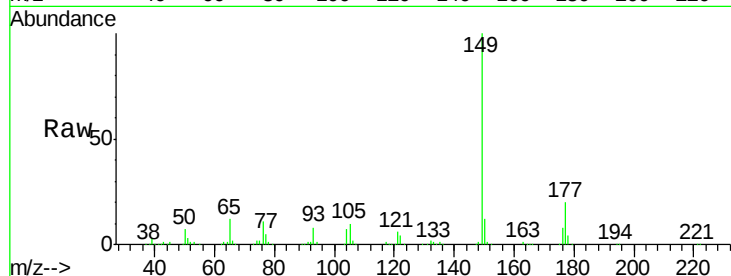




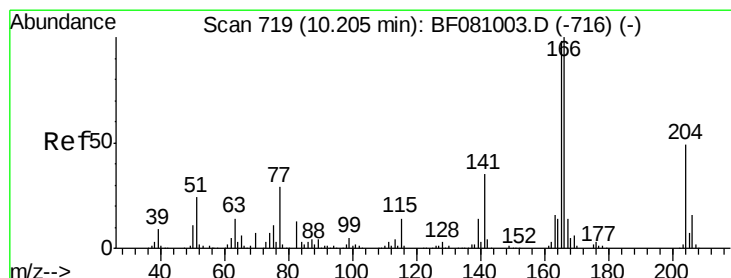
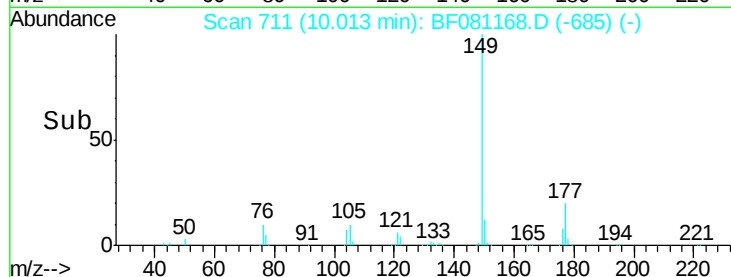
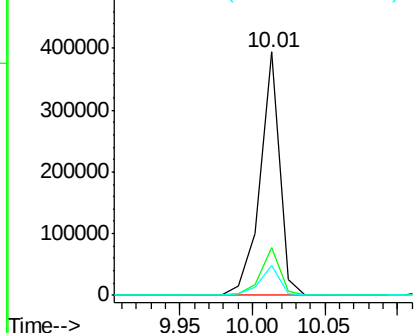
#59
Diethylphthalate
Concen: 34.18 ng
RT: 10.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion:149 Resp: 367204
Ion Ratio Lower Upper
149 100
177 19.7 14.1 21.1
150 12.5 10.3 15.5

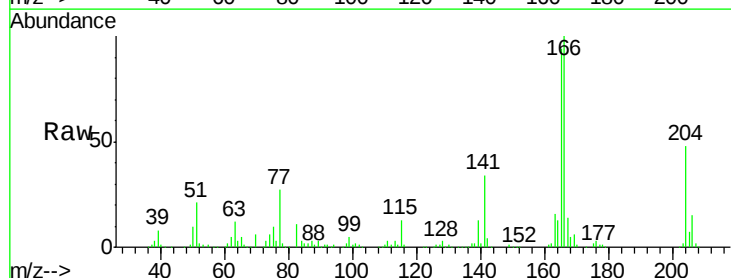


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

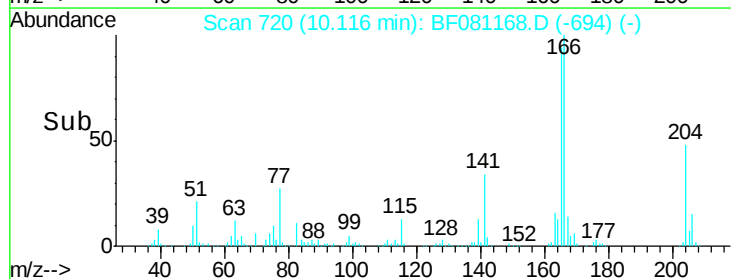
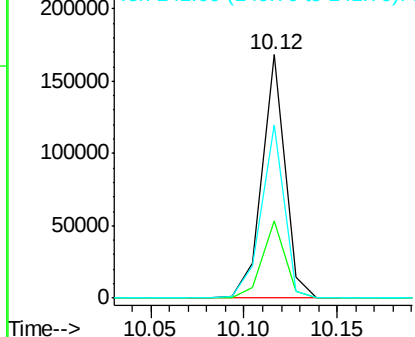


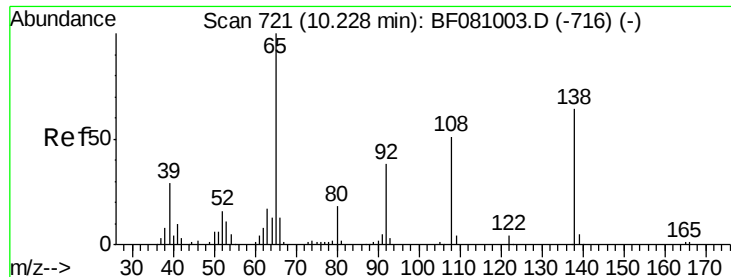
#60
4-Chlorophenyl-phenylether
Concen: 34.96 ng
RT: 10.12 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Tgt Ion:204 Resp: 142417
Ion Ratio Lower Upper
204 100
206 31.8 26.2 39.2
141 71.2 59.6 89.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

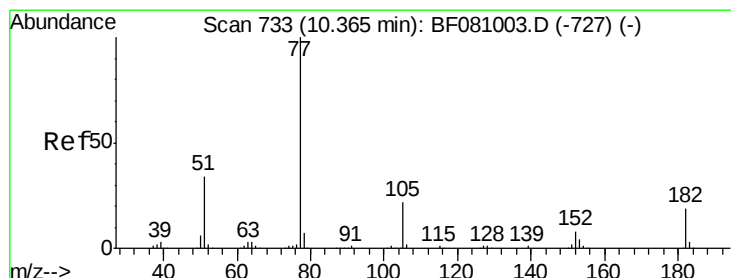
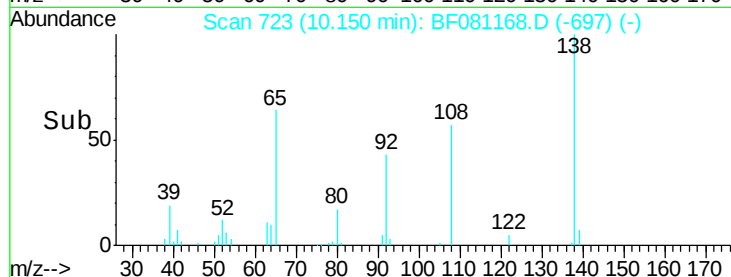
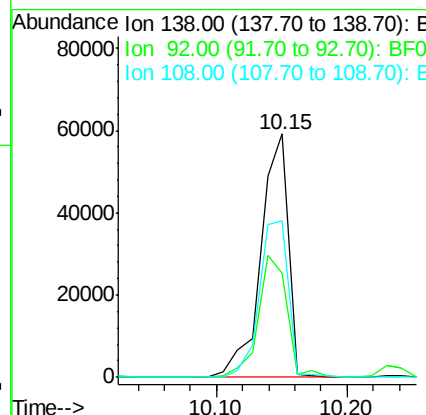
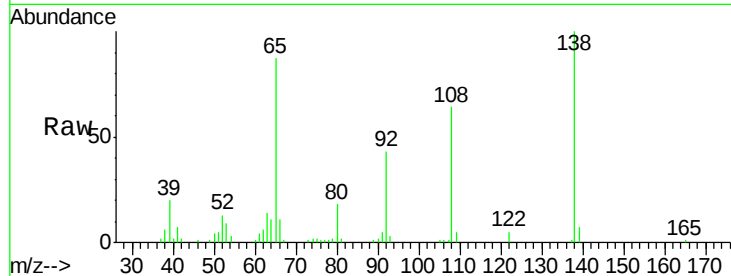




#61
4-Nitroaniline
Concen: 31.23 ng
RT: 10.15 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

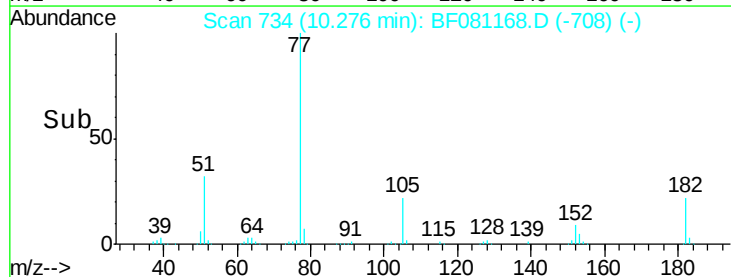
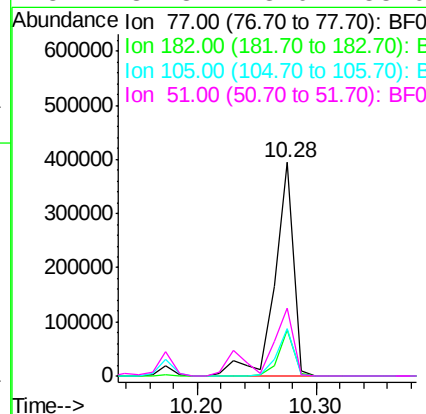
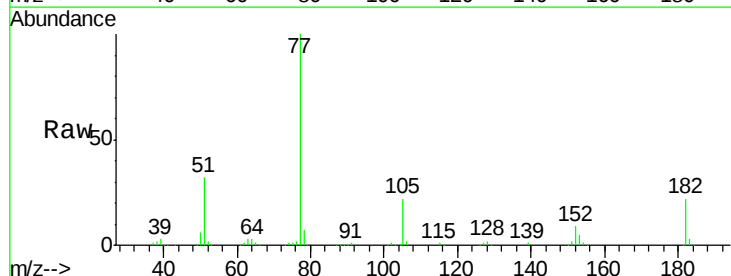
Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion:138 Resp: 87042
Ion Ratio Lower Upper
138 100
92 42.6 34.7 74.7
108 64.5 68.9 108.9#



#62
Azobenzene
Concen: 35.08 ng
RT: 10.28 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Tgt Ion: 77 Resp: 434229
Ion Ratio Lower Upper
77 100
182 21.8 0.0 39.0
105 22.3 0.2 40.2
51 31.8 18.0 58.0

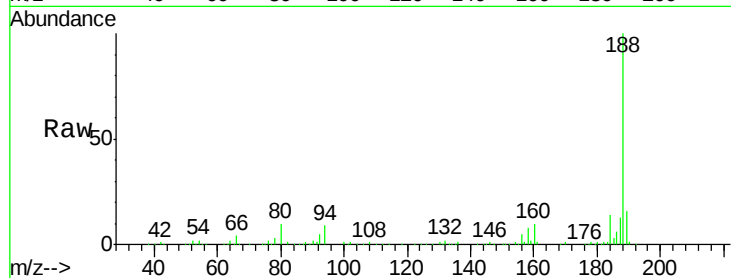




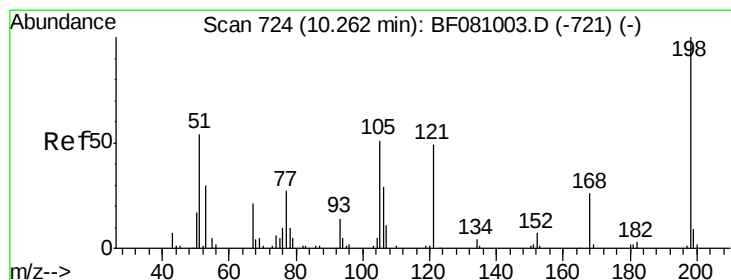
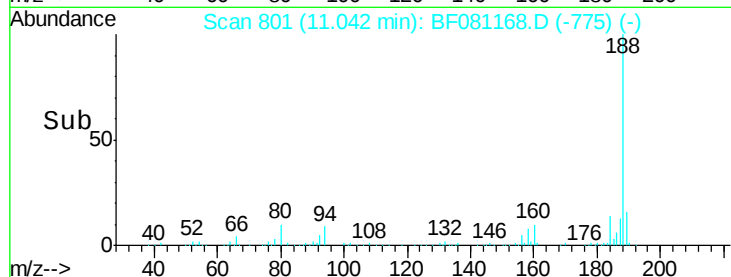
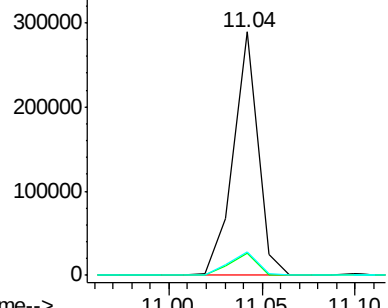
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion:188 Resp: 264312
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 9.8 9.5 14.3

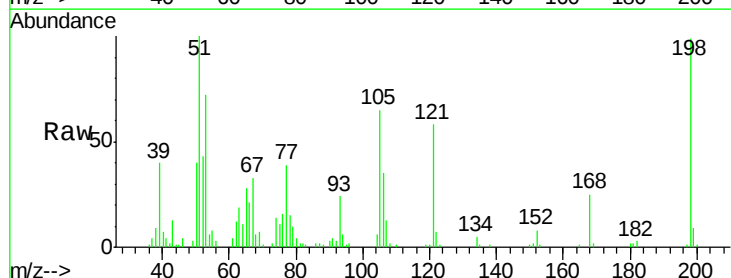


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

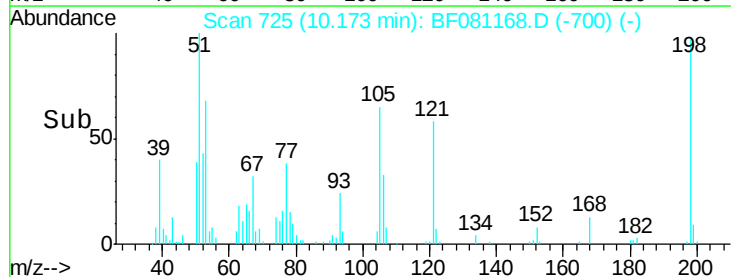
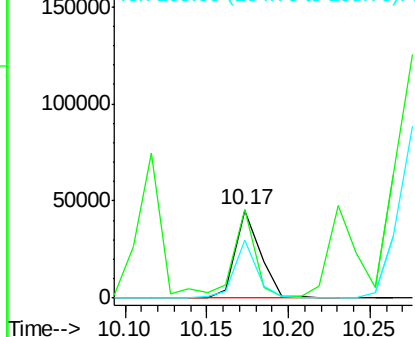


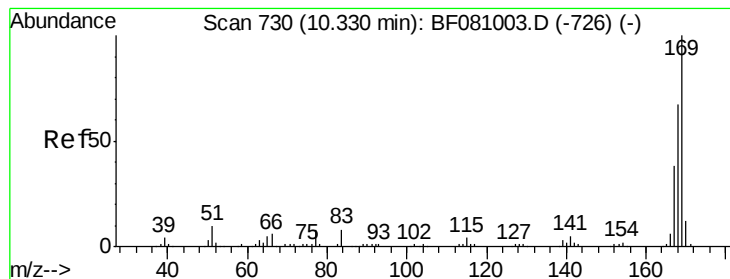
#64
4,6-Dinitro-2-methylphenol
Concen: 30.33 ng
RT: 10.17 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF081168.D
Acq: 24 Aug 2015 14:21

Tgt Ion:198 Resp: 47878
Ion Ratio Lower Upper
198 100
51 101.5 79.7 119.7
105 66.1 47.0 87.0



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

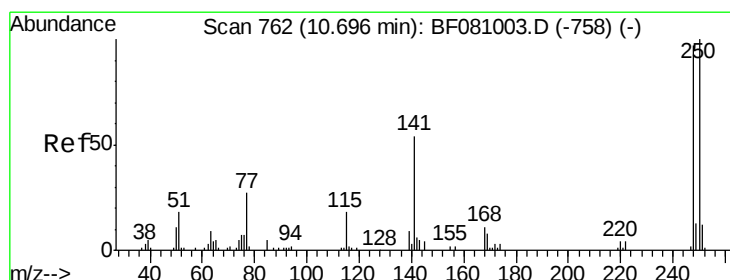
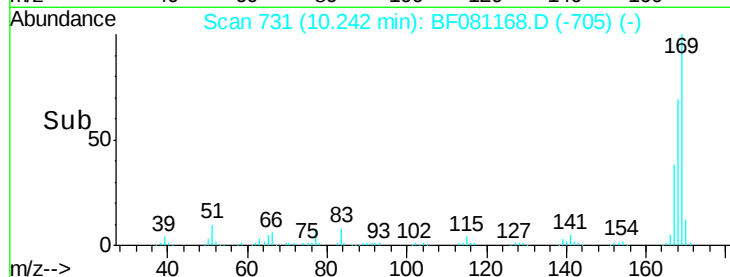
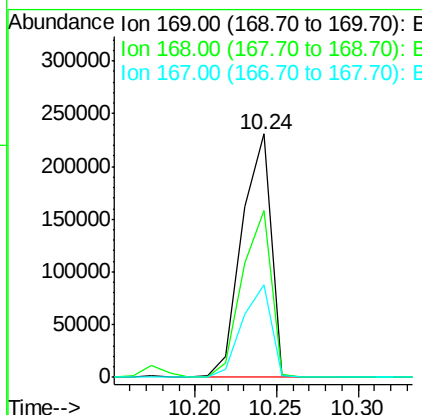
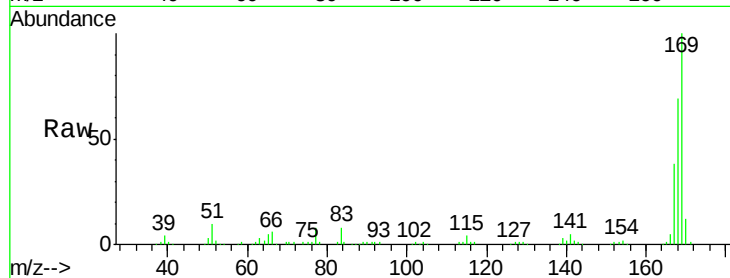




#65
 n-Nitrosodiphenylamine
 Concen: 30.21 ng
 RT: 10.24 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

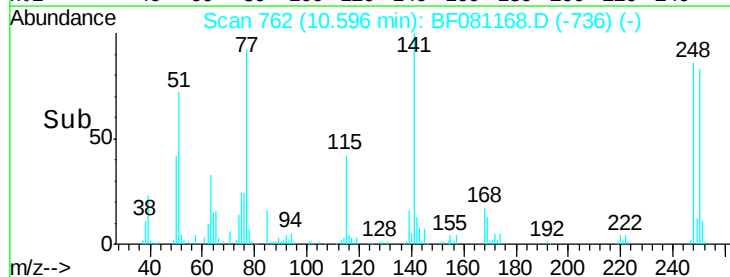
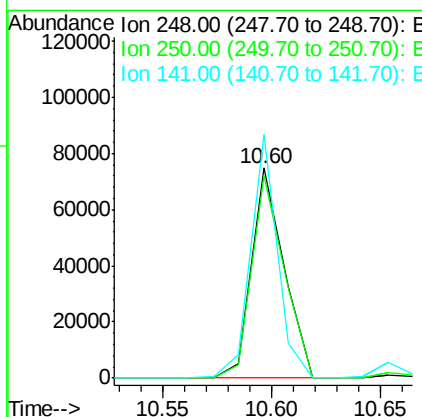
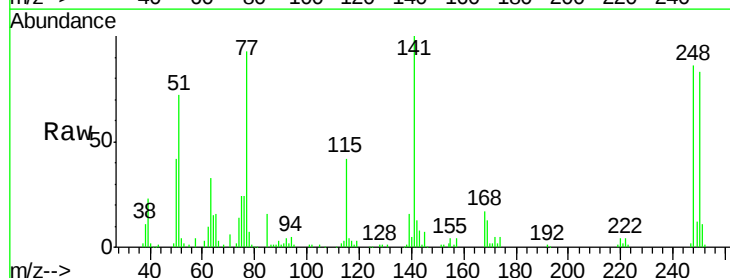
Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

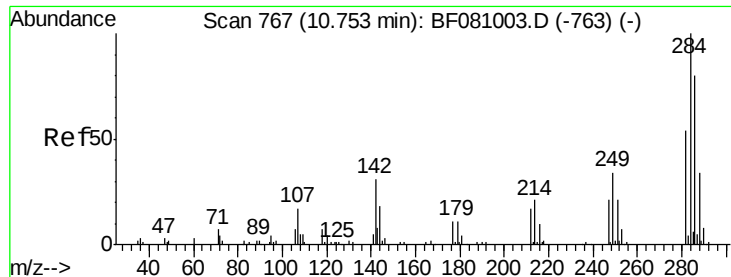
Tgt Ion:169 Resp: 285009
 Ion Ratio Lower Upper
 169 100
 168 68.6 55.3 82.9
 167 38.2 30.8 46.2



#66
 4-Bromophenyl-phenylether
 Concen: 29.73 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion:248 Resp: 77197
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.8 116.6
 141 115.9 39.8 59.6#

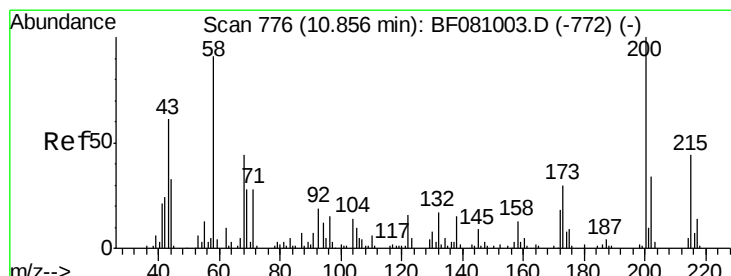
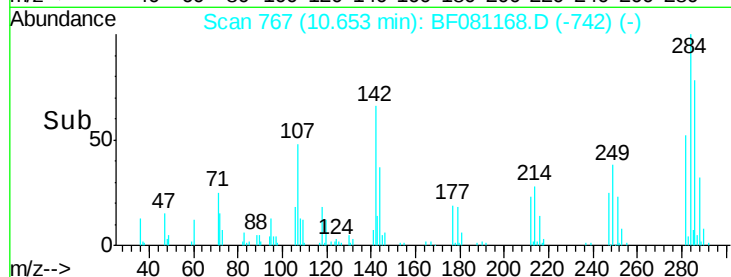
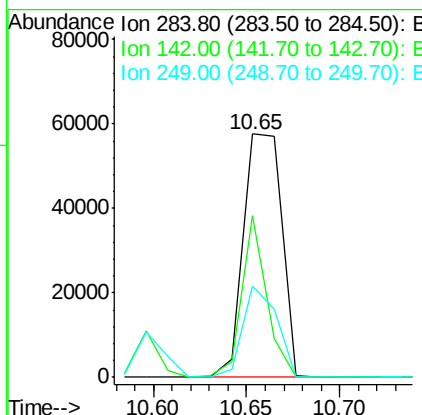
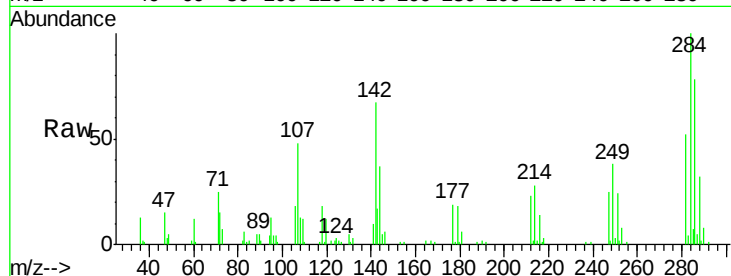




#67
 Hexachlorobenzene
 Concen: 31.12 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

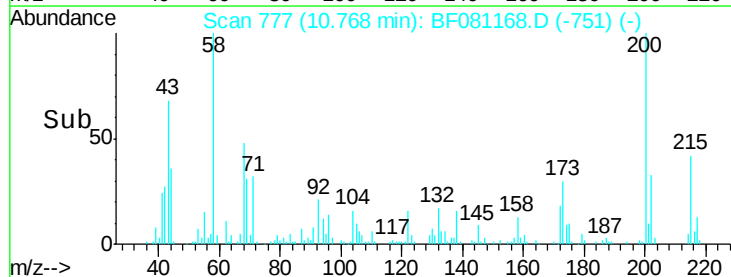
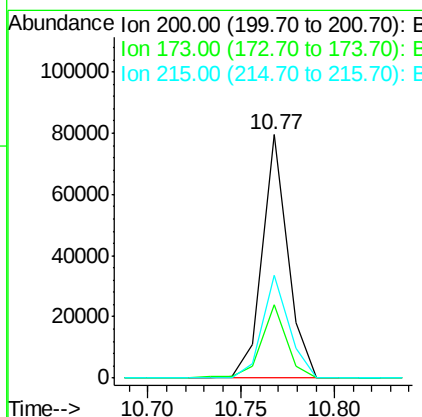
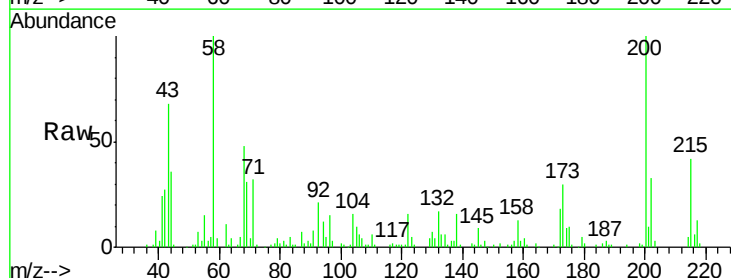
Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	66.6	25.4	38.0#
249	37.6	28.5	42.7



#68
 Atrazine
 Concen: 28.54 ng
 RT: 10.77 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.2	8.1	48.1
215	42.4	23.3	63.3

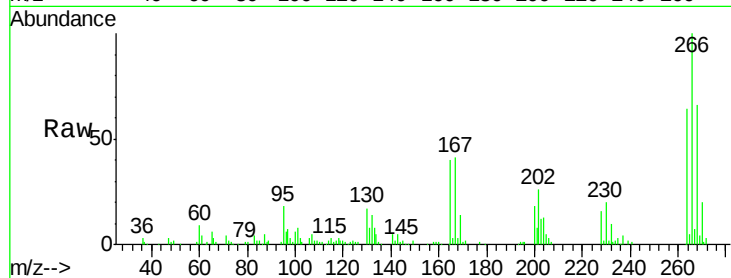




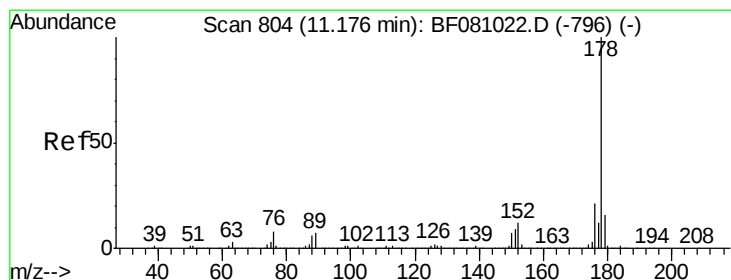
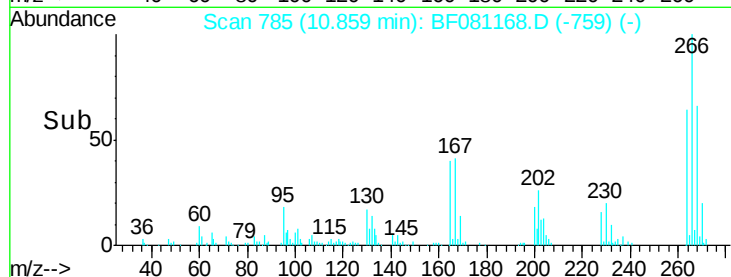
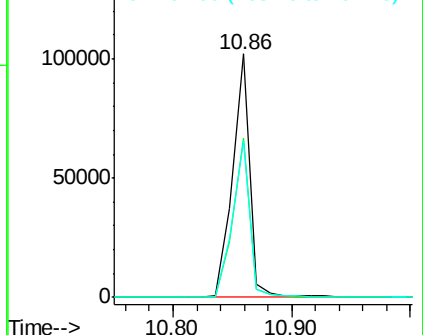
#69
 Pentachlorophenol
 Concen: 65.37 ng
 RT: 10.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.2	76.8
264	64.4	50.6	75.8

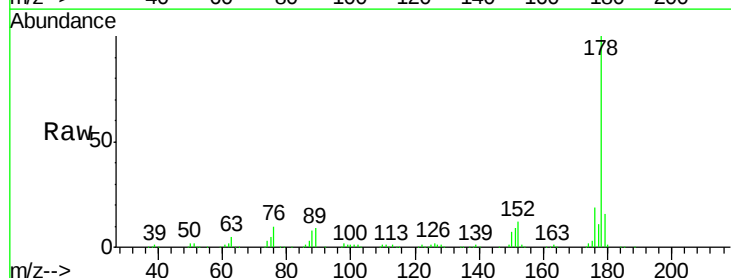


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

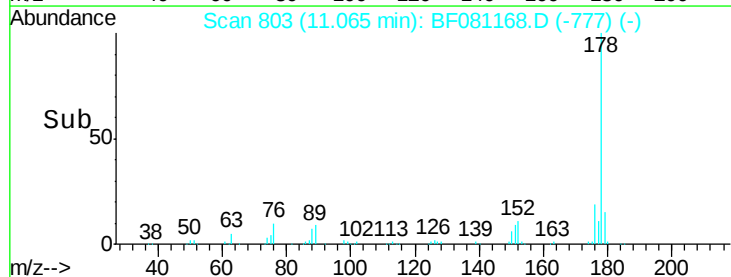
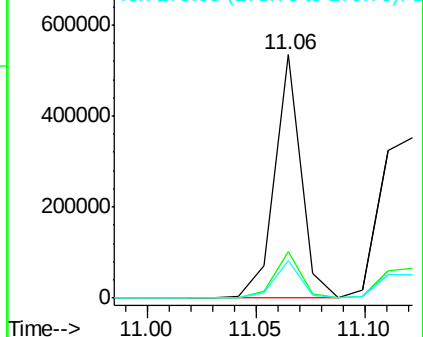


#70
 Phenanthrene
 Concen: 29.18 ng
 RT: 11.06 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.6	12.2	18.2



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





#71

Anthracene

Concen: 31.43 ng

RT: 11.12 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

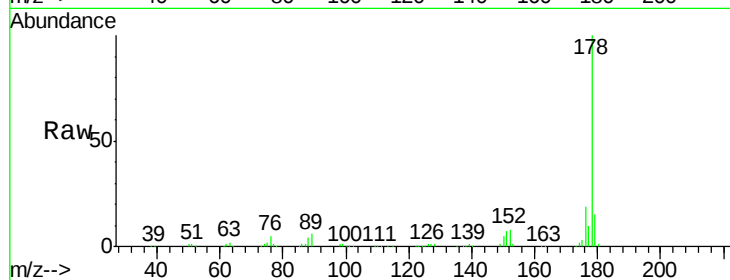
Tgt Ion:178 Resp: 479071

Ion Ratio Lower Upper

178 100

176 18.8 15.7 23.5

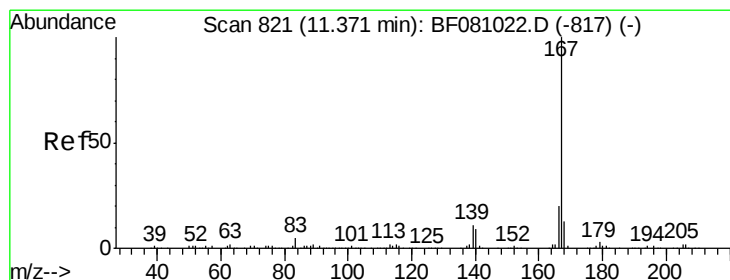
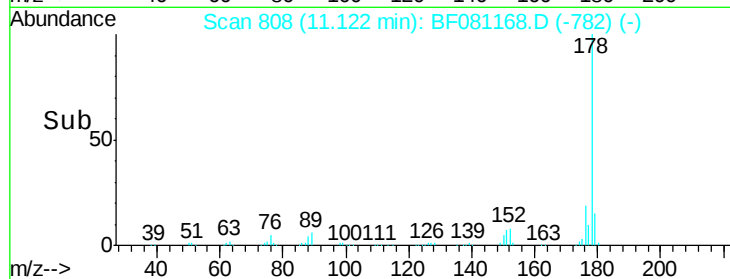
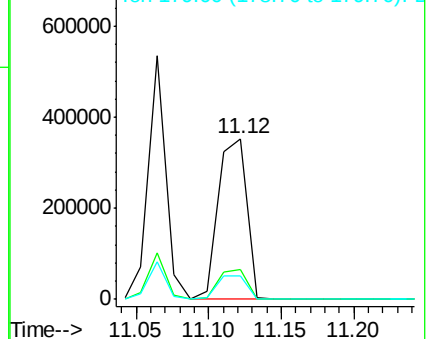
179 14.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 31.45 ng

RT: 11.27 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

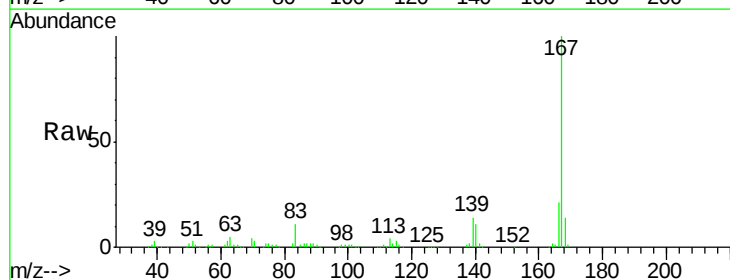
Tgt Ion:167 Resp: 461607

Ion Ratio Lower Upper

167 100

166 21.0 17.4 26.0

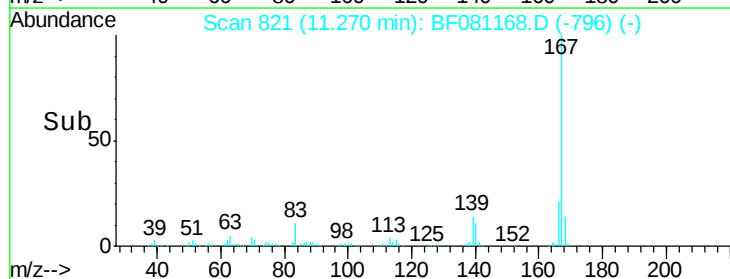
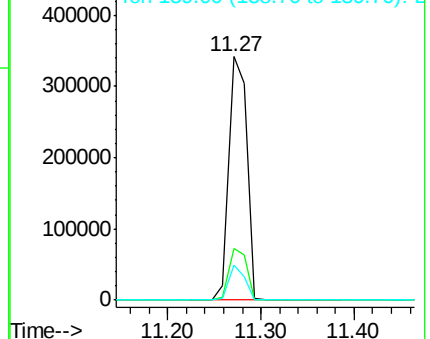
139 14.3 10.6 16.0

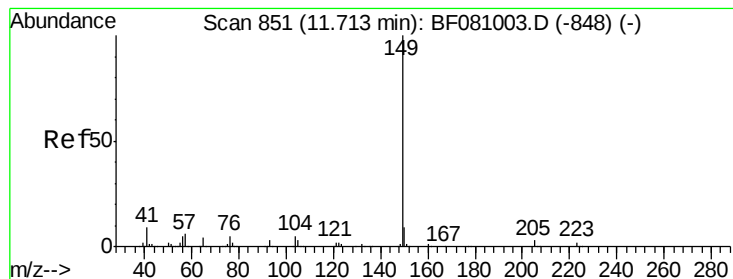


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 33.60 ng

RT: 11.62 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

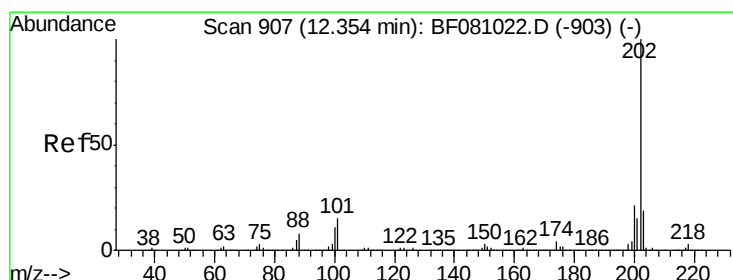
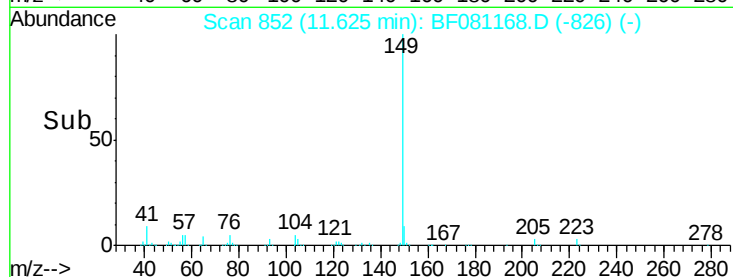
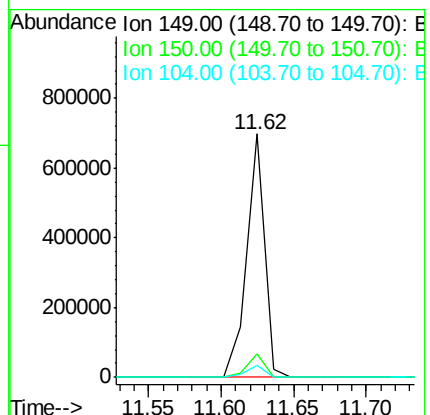
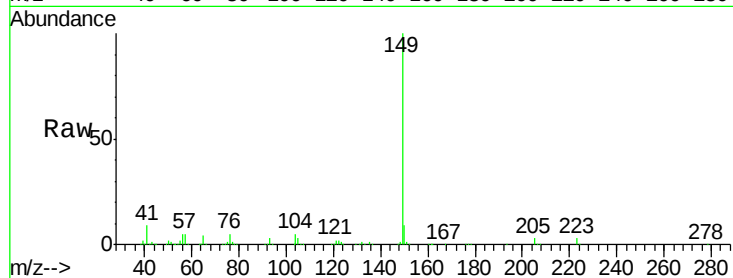
Tgt Ion:149 Resp: 596736

Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

104 4.8 3.9 5.9



#74

Fluoranthene

Concen: 32.20 ng

RT: 12.24 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

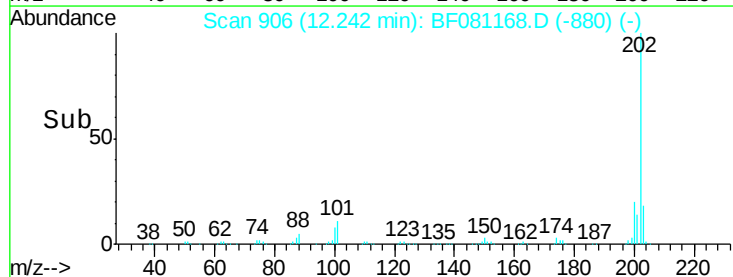
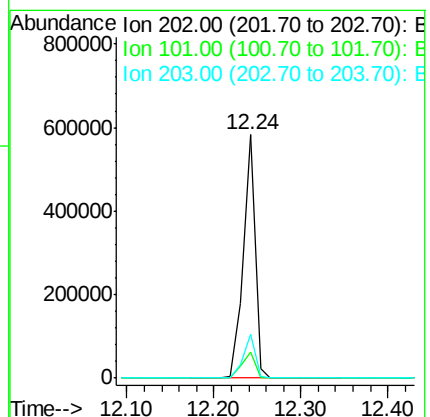
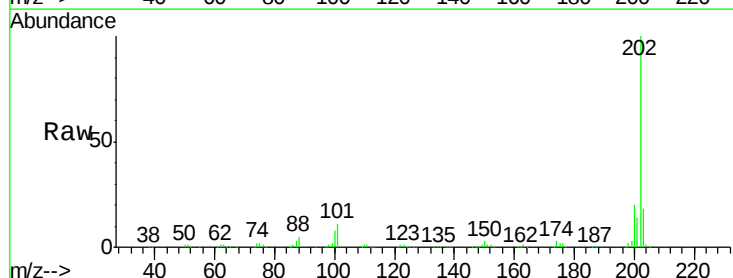
Tgt Ion:202 Resp: 544345

Ion Ratio Lower Upper

202 100

101 10.5 0.0 24.8

203 17.8 0.0 36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

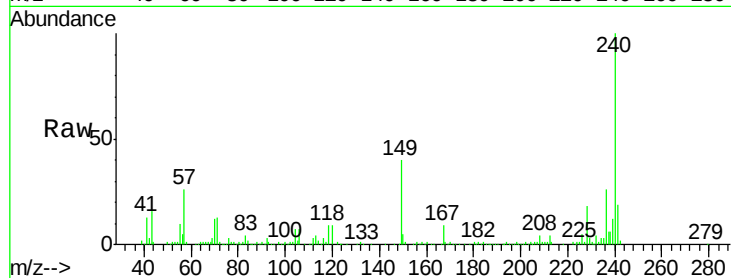
Tgt Ion:240 Resp: 229923

Ion Ratio Lower Upper

240 100

120 9.2 5.6 8.4#

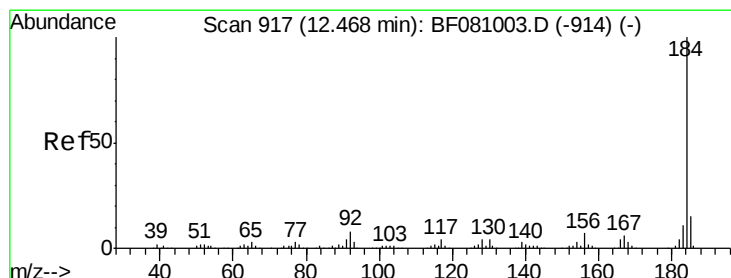
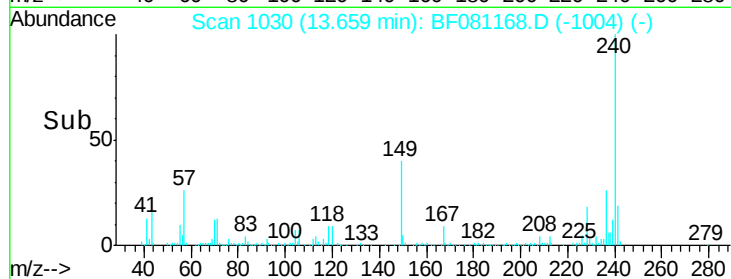
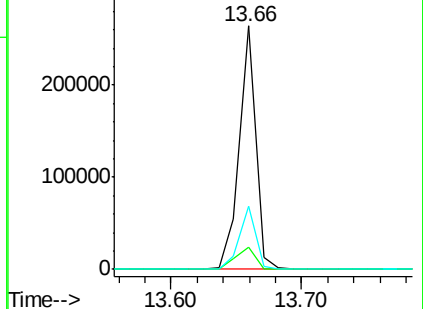
236 26.0 20.6 30.8



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: 17.79 ng

RT: 12.37 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

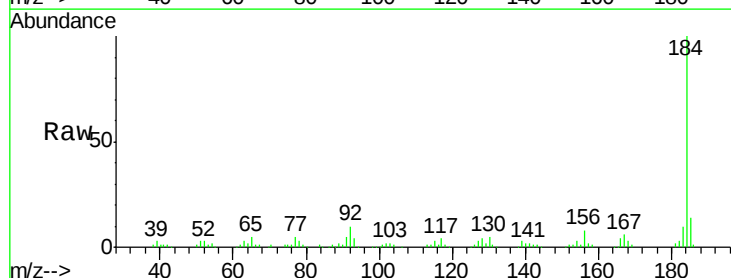
Tgt Ion:184 Resp: 154502

Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

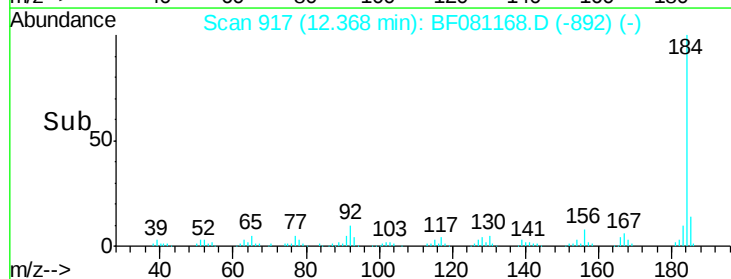
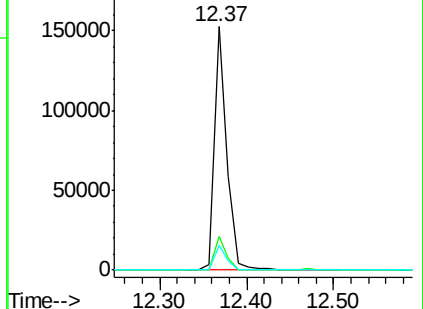
183 10.4 8.9 13.3

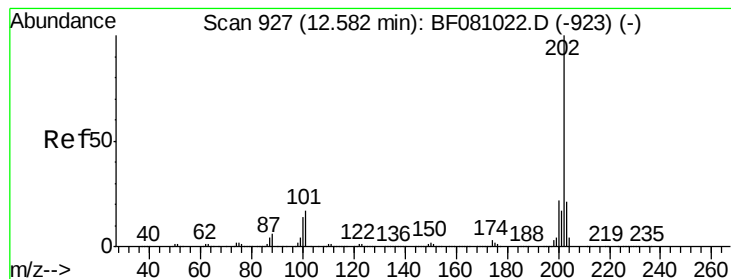


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 27.92 ng

RT: 12.47 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

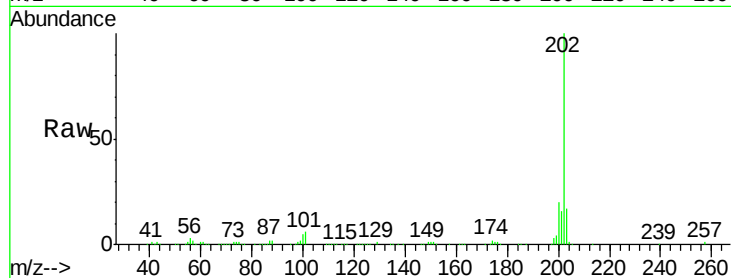
Tgt Ion: 202 Resp: 521854

Ion Ratio Lower Upper

202 100

200 19.6 16.6 24.8

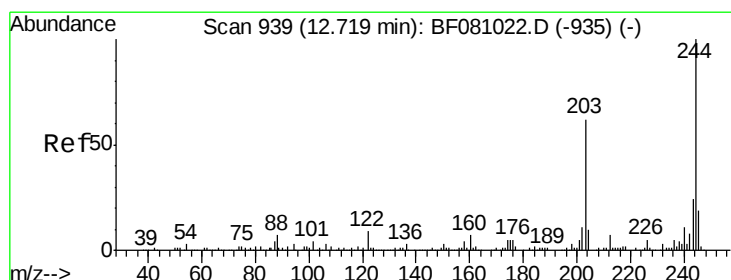
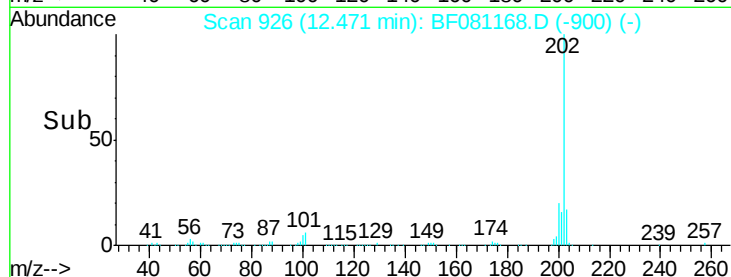
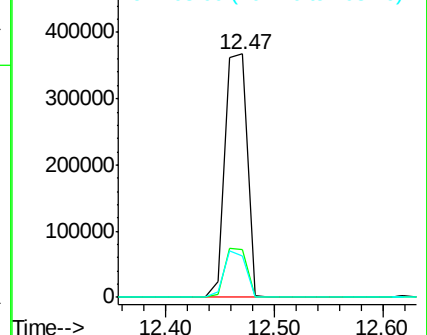
203 17.0 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 54.14 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

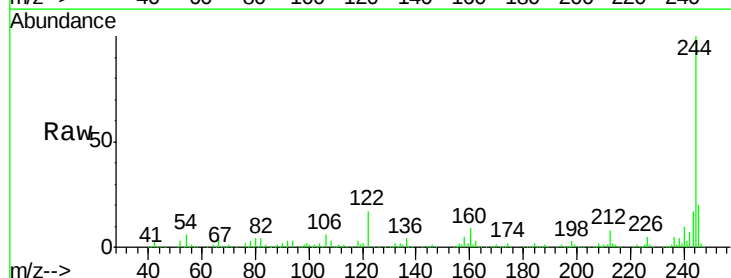
Tgt Ion: 244 Resp: 580635

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

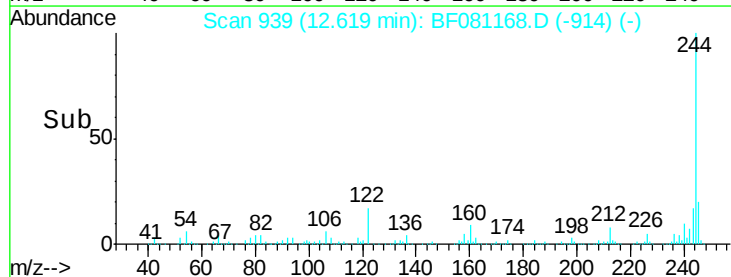
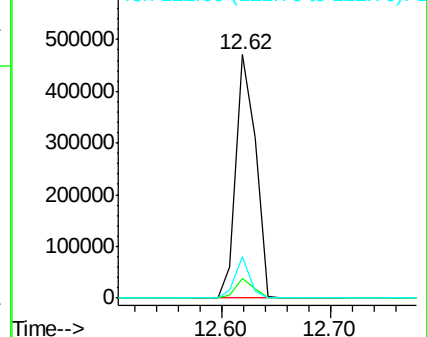
122 17.0 8.2 12.4#

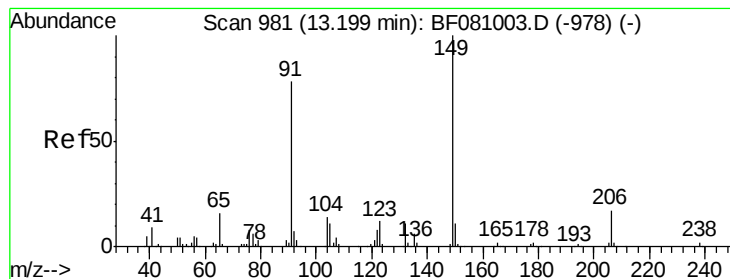


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 30.94 ng

RT: 13.10 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

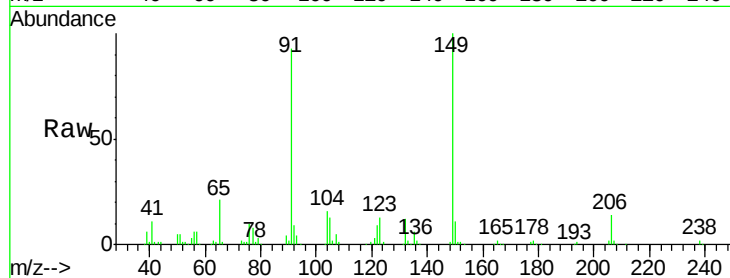
Tgt Ion:149 Resp: 248568

Ion Ratio Lower Upper

149 100

91 93.3 46.9 70.3#

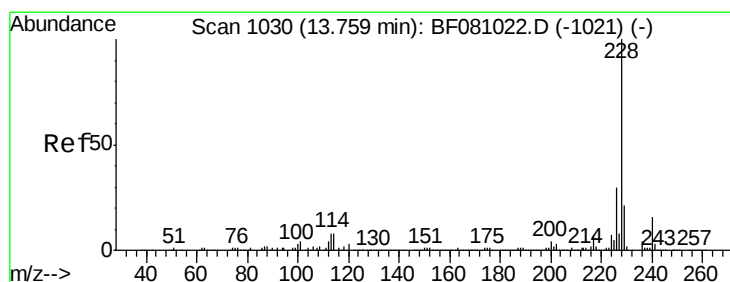
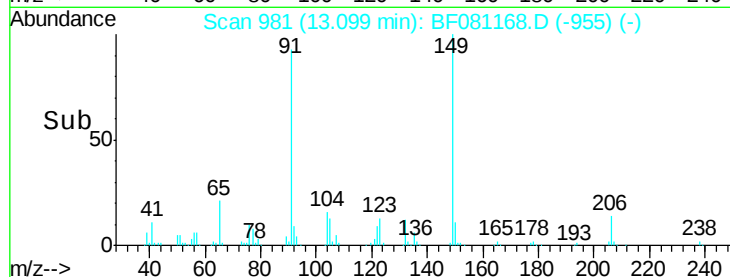
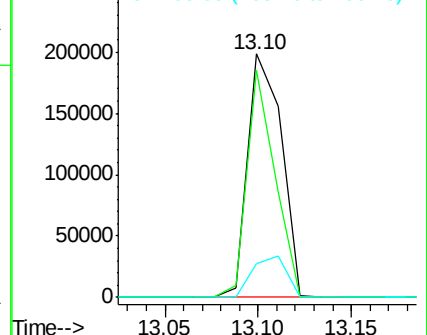
206 14.0 17.0 25.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 29.36 ng

RT: 13.65 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

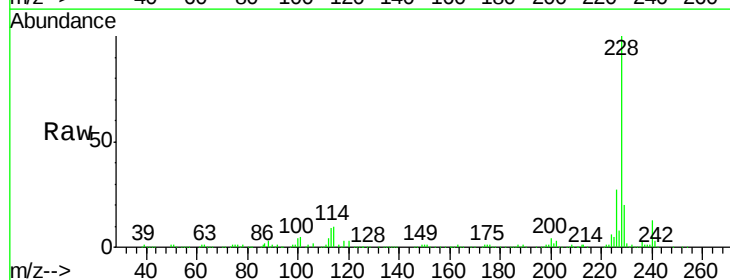
Tgt Ion:228 Resp: 452788

Ion Ratio Lower Upper

228 100

226 27.2 22.3 33.5

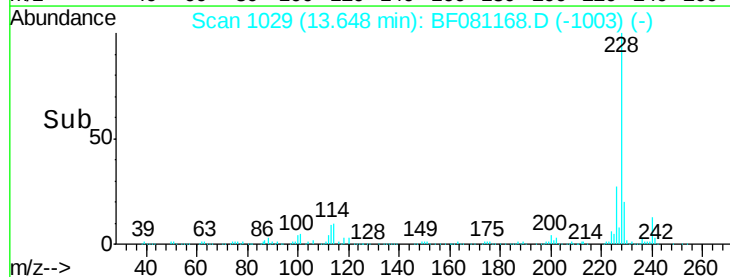
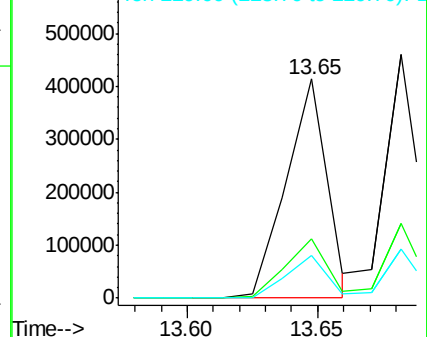
229 19.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

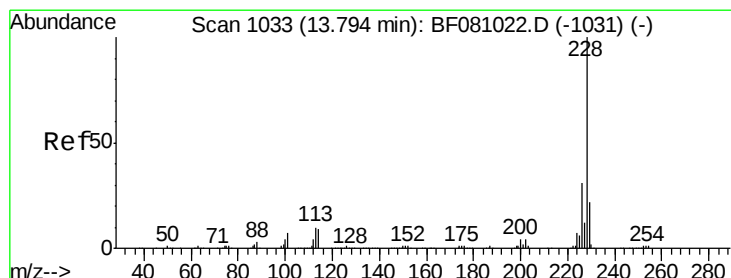
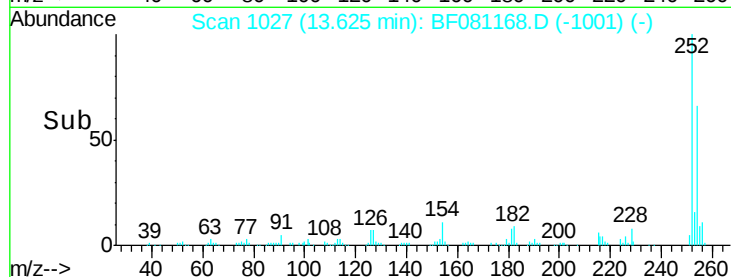
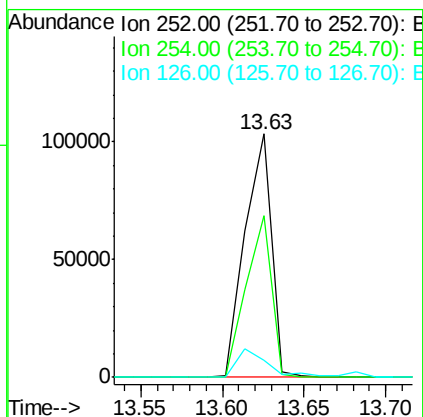
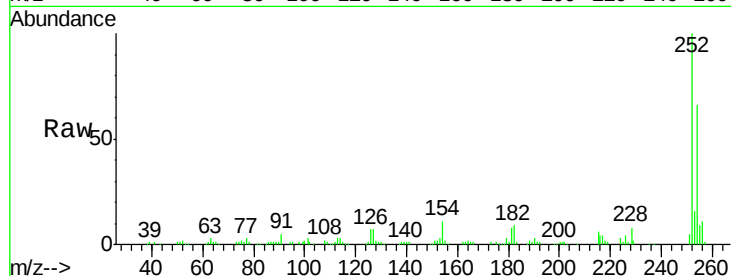




#81
 3,3'-Dichlorobenzidine
 Concen: 23.21 ng
 RT: 13.63 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

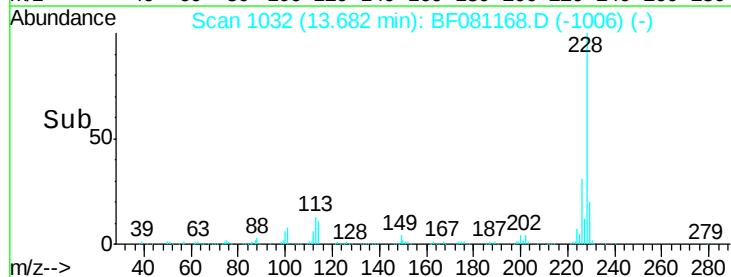
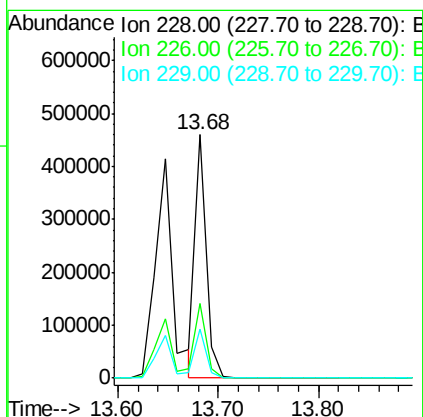
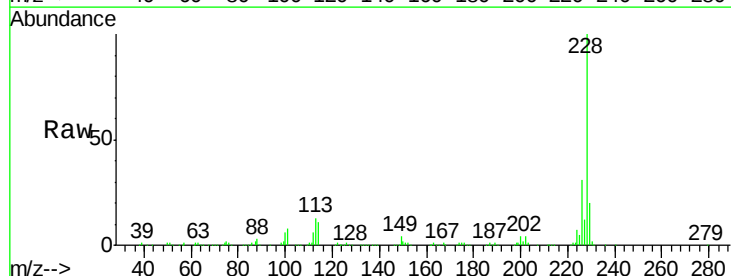
Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

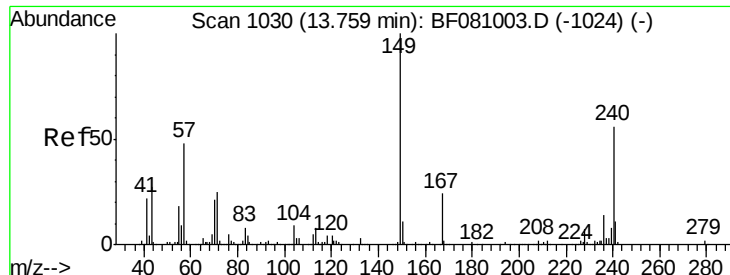
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	51.5	77.3
126	7.2	12.5	18.7#



#82
 Chrysene
 Concen: 26.08 ng
 RT: 13.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	20.1	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.57 ng

RT: 13.67 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

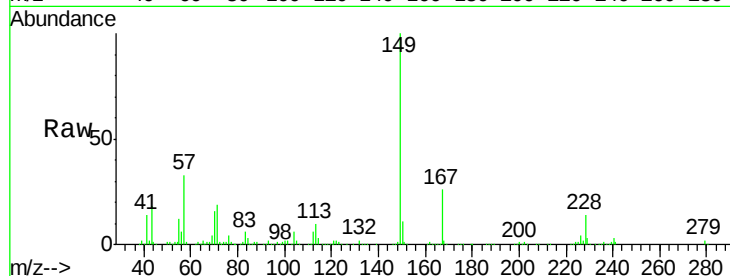
Tgt Ion:149 Resp: 355747

Ion Ratio Lower Upper

149 100

167 25.7 20.7 31.1

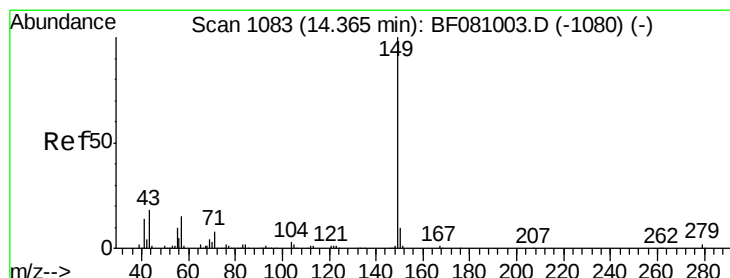
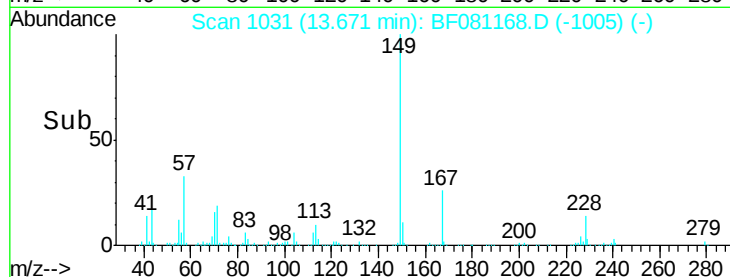
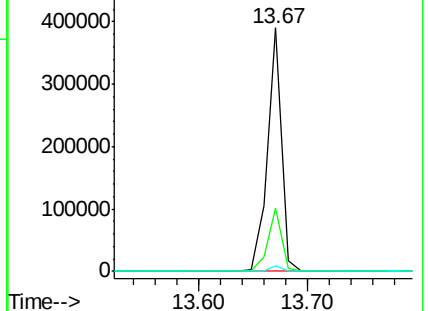
279 2.5 2.2 3.4



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: 37.49 ng

RT: 14.28 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

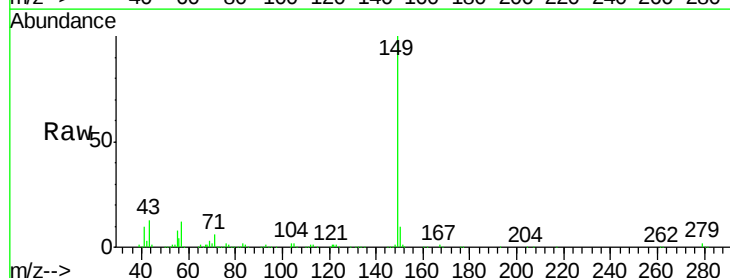
Tgt Ion:149 Resp: 586328

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

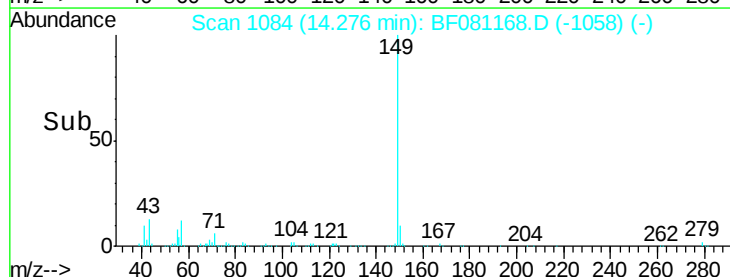
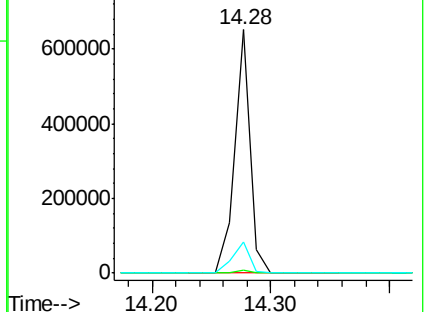
43 13.9 11.6 17.4



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

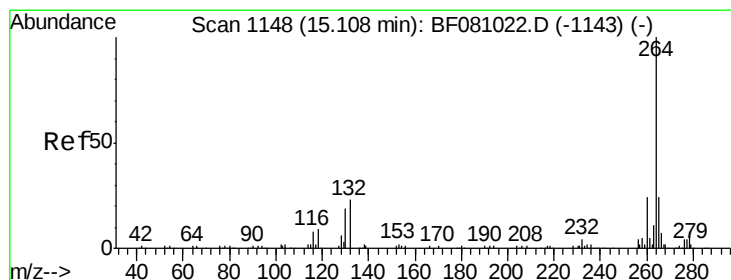
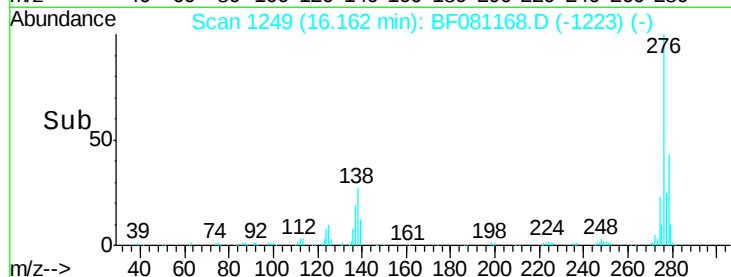
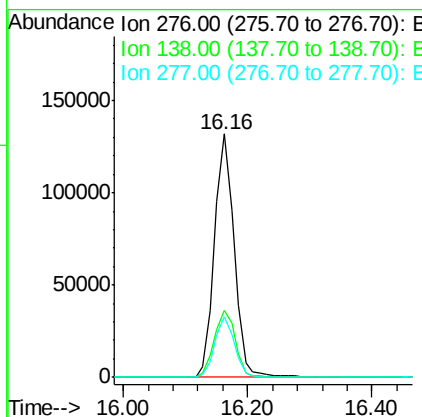
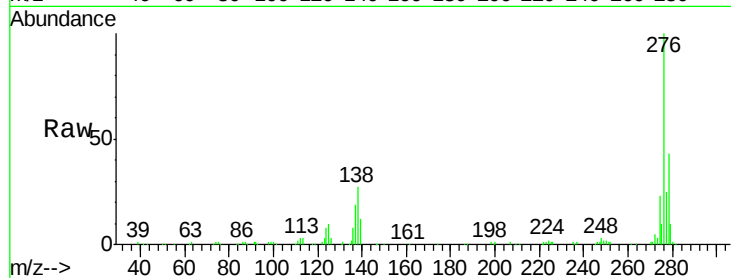




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.40 ng
 RT: 16.16 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

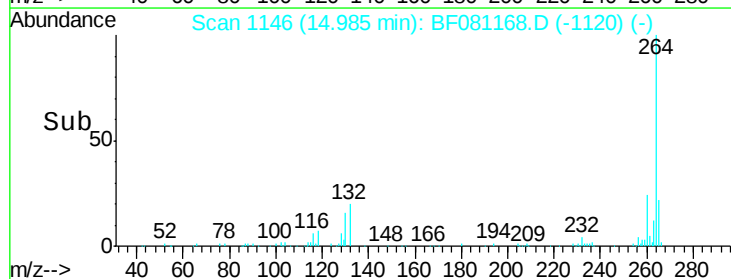
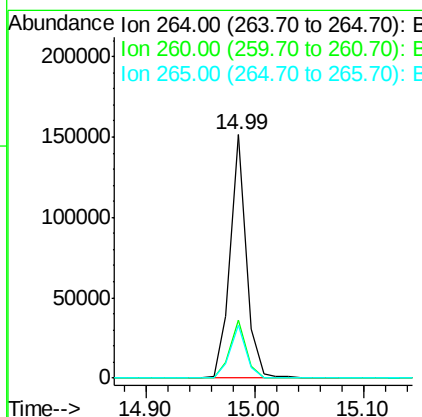
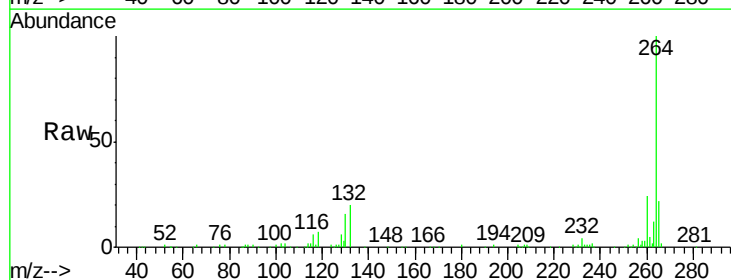
Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

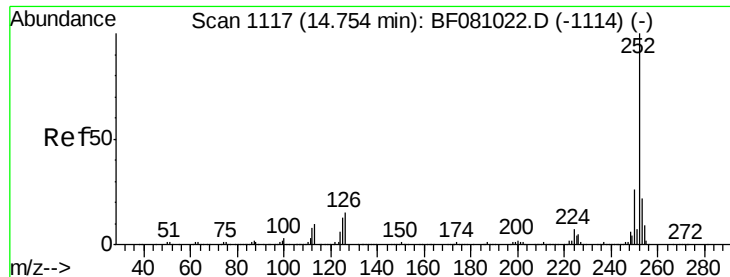
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	18.6	28.0#
277	24.7	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 67.94 ng

RT: 14.67 min Scan# 1118

Delta R.T. 0.02 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

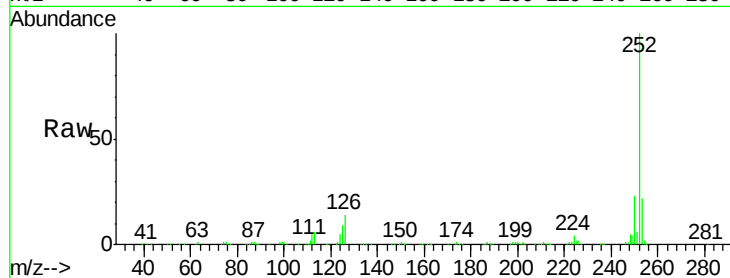
Tgt Ion:252 Resp: 747898

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

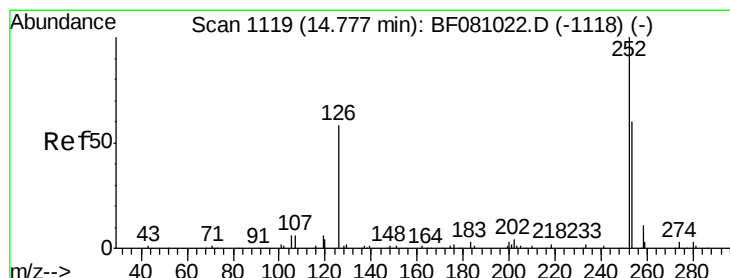
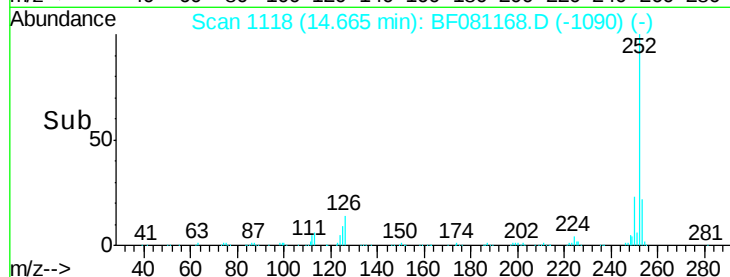
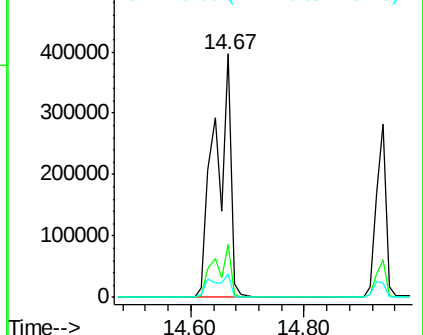
125 9.4 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 72.91 ng

RT: 14.67 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

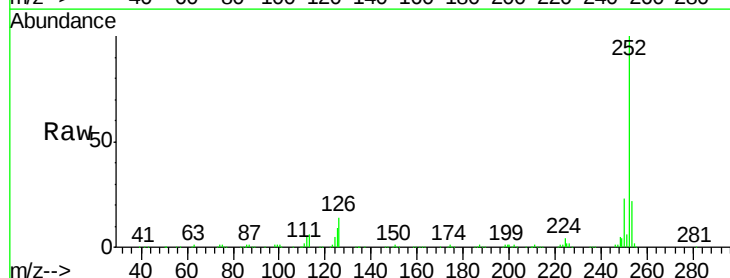
Tgt Ion:252 Resp: 747898

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

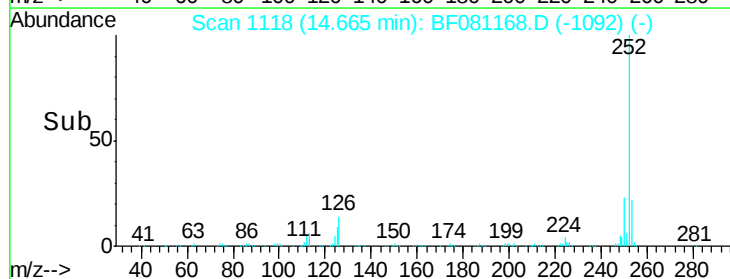
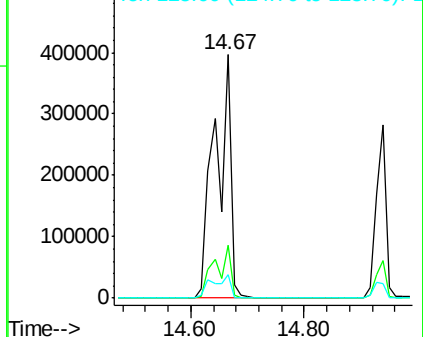
125 9.4 10.3 15.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 35.77 ng

RT: 14.94 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB84980BS

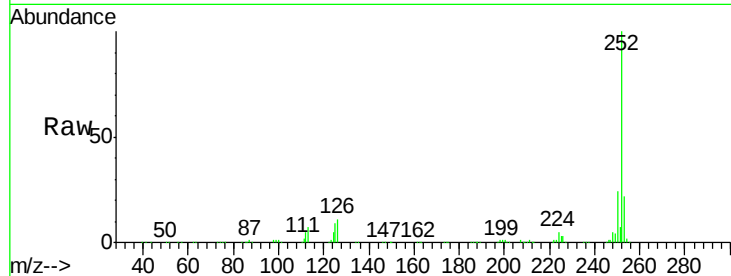
Tgt Ion:252 Resp: 343156

Ion Ratio Lower Upper

252 100

253 21.6 16.6 25.0

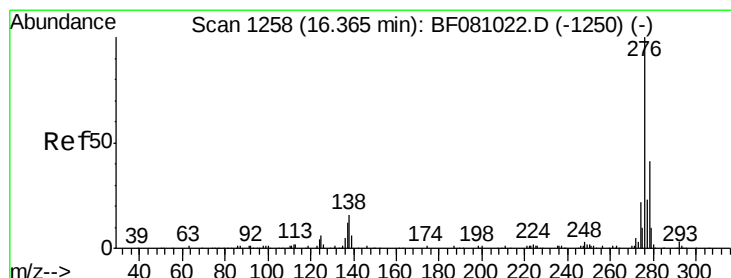
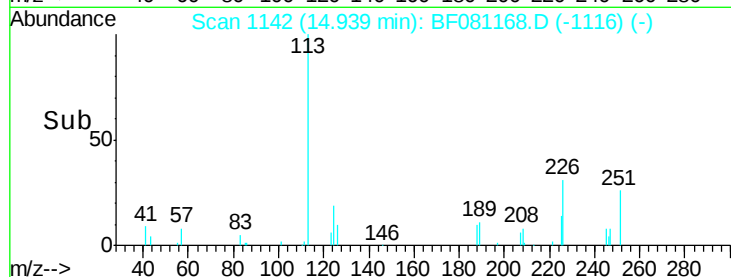
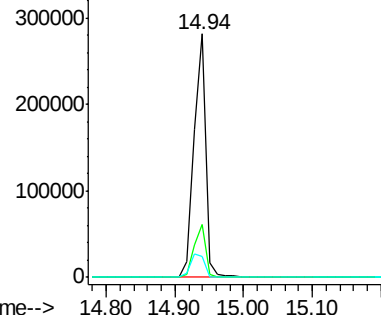
125 8.5 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 32.51 ng

RT: 16.17 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF081168.D

Acq: 24 Aug 2015 14:21

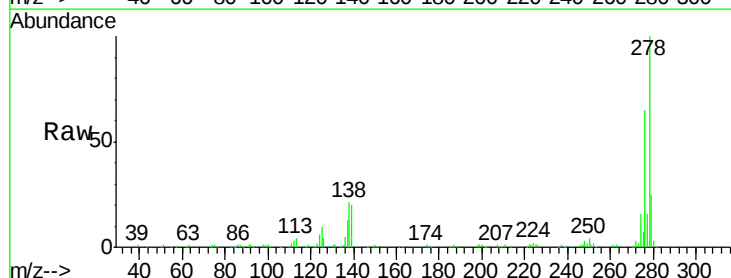
Tgt Ion:278 Resp: 242965

Ion Ratio Lower Upper

278 100

139 20.5 10.8 16.2#

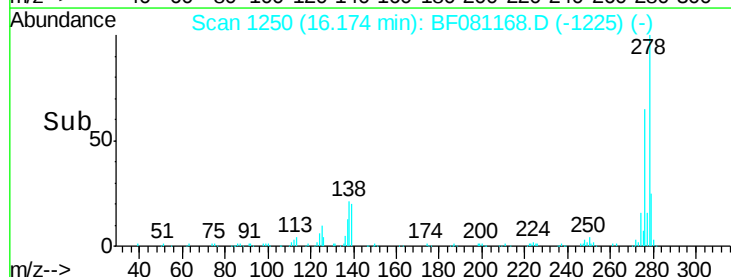
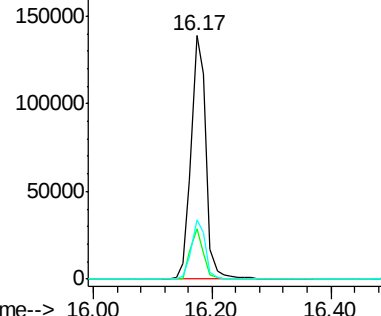
279 24.6 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

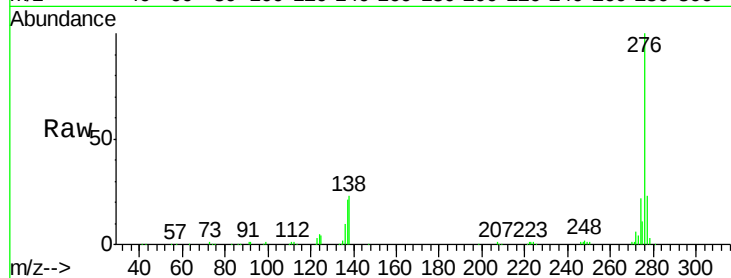




#91
 Benzo(g,h,i)perylene
 Concen: 31.29 ng
 RT: 16.52 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF081168.D
 Acq: 24 Aug 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.2	27.2
138	23.0	13.7	20.5



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

