

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081171.D
 Acq On : 24 Aug 2015 16:02
 Operator : UM/IZ
 Sample : PB85031BS
 Misc : FOR IDOC PURPOSE
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

Quant Time: Aug 24 16:28:16 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	64351	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	265226	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	120080	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	247750	20.00	ng	0.00
75) Chrysene-d12	13.66	240	216117	20.00	ng	0.00
86) Perylene-d12	14.99	264	146129	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	487663	113.98	ng	0.02
7) Phenol-d6	6.20	99	636098	113.95	ng	0.00
23) Nitrobenzene-d5	7.11	82	429442	73.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	109125	104.84	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	662397	72.28	ng	0.00
78) Terphenyl-d14	12.63	244	669104	66.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.02	88	64214	31.85	ng	# 93
3) Pyridine	2.63	79	168271	29.57	ng	# 78
4) n-Nitrosodimethylamine	2.58	42	111397	35.16	ng	# 74
6) Aniline	6.21	93	213313	26.28	ng	# 18
8) 2-Chlorophenol	6.33	128	180705	38.59	ng	# 78
9) Benzaldehyde	6.08	77	96935	26.94	ng	96
10) Phenol	6.21	94	215644	32.71	ng	91
11) bis(2-Chloroethyl)ether	6.29	93	182699	36.12	ng	89
12) 1,3-Dichlorobenzene	6.48	146	193833	38.52	ng	96
13) 1,4-Dichlorobenzene	6.56	146	195028	39.14	ng	98
14) 1,2-Dichlorobenzene	6.71	146	161484	34.63	ng	98
15) Benzyl Alcohol	6.70	79	167209	37.02	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	378688	38.10	ng	98
17) 2-Methylphenol	6.82	107	169987	42.31	ng	95
18) Hexachloroethane	7.05	117	75526	37.52	ng	94
19) n-Nitroso-di-n-propylamine	6.97	70	140934	36.45	ng	93
20) 3+4-Methylphenols	6.97	107	203180	39.84	ng	# 67
22) Acetophenone	6.96	105	271981	39.06	ng	# 87
24) Nitrobenzene	7.13	77	226560	37.32	ng	99
25) Isophorone	7.38	82	392828	36.28	ng	# 93
26) 2-Nitrophenol	7.45	139	102038	40.42	ng	# 73
27) 2,4-Dimethylphenol	7.51	122	169932	38.05	ng	87
28) bis(2-Chloroethoxy)methane	7.60	93	258885	40.47	ng	98
29) 2,4-Dichlorophenol	7.69	162	146045	38.84	ng	89
30) 1,2,4-Trichlorobenzene	7.77	180	152415	36.47	ng	97
31) Naphthalene	7.85	128	564091	38.15	ng	99
32) Benzoic acid	7.65	122	118880	47.32	ng	91
33) 4-Chloroaniline	7.91	127	145133	23.27	ng	# 88
34) Hexachlorobutadiene	7.98	225	89860	38.02	ng	98
35) Caprolactam	8.29	113	36111	27.48	ng	# 70
36) 4-Chloro-3-methylphenol	8.40	107	167257	37.32	ng	98
37) 2-Methylnaphthalene	8.54	142	339597	36.36	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	153417	39.60	ng	98
40) Hexachlorocyclopentadiene	8.70	237	155169	77.38	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	113110	41.33	ng	99
43) 2,4,5-Trichlorophenol	8.87	196	103405	37.80	ng #	93
45) 1,1'-Biphenyl	9.01	154	451020	42.64	ng	96
46) 2-Chloronaphthalene	9.03	162	312361	36.76	ng	98
47) 2-Nitroaniline	9.12	65	127692	36.72	ng	98
48) Acenaphthylene	9.43	152	502058	33.03	ng	99
49) Dimethylphthalate	9.32	163	356761	36.08	ng	100
50) 2,6-Dinitrotoluene	9.37	165	80163	37.76	ng #	76
51) Acenaphthene	9.60	154	299597	32.92	ng	100
52) 3-Nitroaniline	9.53	138	61296	23.07	ng	98
53) 2,4-Dinitrophenol	9.65	184	93432	79.01	ng #	79
54) Dibenzofuran	9.77	168	447789	36.72	ng	91
55) 4-Nitrophenol	9.72	139	134743	72.20	ng #	80
56) 2,4-Dinitrotoluene	9.77	165	99364	35.31	ng #	61
57) Fluorene	10.12	166	340702	36.32	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	83660	39.51	ng	97
59) Diethylphthalate	10.01	149	391766	37.43	ng	97
60) 4-Chlorophenyl-phenylether	10.12	204	156769	39.49	ng	98
61) 4-Nitroaniline	10.15	138	99845	36.77	ng	93
62) Azobenzene	10.28	77	507844	42.10	ng	96
64) 4,6-Dinitro-2-methylphenol	10.18	198	60585	40.95	ng #	41
65) n-Nitrosodiphenylamine	10.24	169	343876	38.88	ng	98
66) 4-Bromophenyl-phenylether	10.60	248	89791	36.89	ng #	60
67) Hexachlorobenzene	10.66	284	96436	39.12	ng #	86
68) Atrazine	10.77	200	102710	41.68	ng	96
69) Pentachlorophenol	10.86	266	118242	79.95	ng	99
70) Phenanthrene	11.06	178	486420	33.13	ng	99
71) Anthracene	11.12	178	570844	39.95	ng	99
72) Carbazole	11.28	167	569475	41.40	ng	98
73) Di-n-butylphthalate	11.62	149	668131	40.14	ng	99
74) Fluoranthene	12.24	202	578447	36.51	ng	94
76) Benzidine	12.38	184	261195	31.99	ng	97
77) Pyrene	12.47	202	631615	35.95	ng	99
79) Butylbenzylphthalate	13.11	149	302737	40.09	ng	98
80) Benzo(a)anthracene	13.65	228	536545	37.02	ng	99
81) 3,3'-Dichlorobenzidine	13.63	252	133761	28.49	ng #	96
82) Chrysene	13.68	228	406744	31.14	ng	99
83) Bis(2-ethylhexyl)phthalate	13.67	149	403591	41.72	ng	99
84) Di-n-octyl phthalate	14.28	149	679226	46.20	ng	99
85) Indeno(1,2,3-cd)pyrene	16.16	276	326474	35.60	ng #	93
87) Benzo(b)fluoranthene	14.67	252	811587	78.52	ng	98
88) Benzo(k)fluoranthene	14.67	252	811587	84.27	ng	98
89) Benzo(a)pyrene	14.94	252	383566	42.59	ng	99
90) Dibenzo(a,h)anthracene	16.17	278	275380	39.24	ng #	92
91) Benzo(g,h,i)perylene	16.52	276	277894	39.03	ng #	92

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

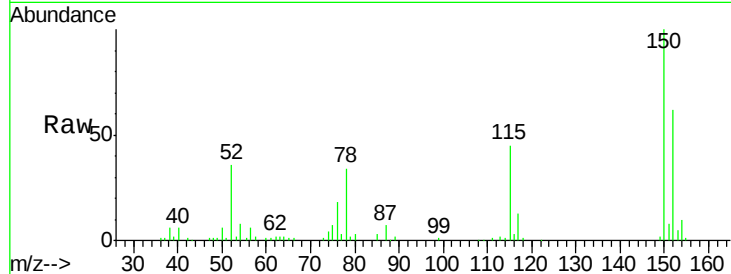


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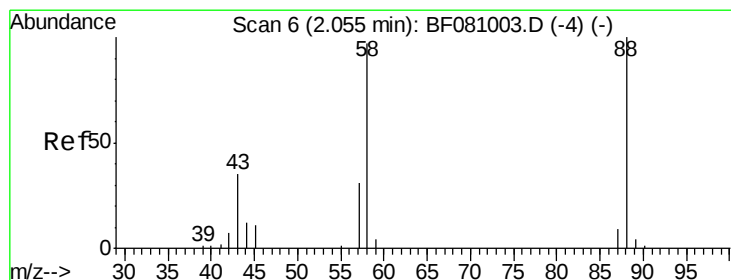
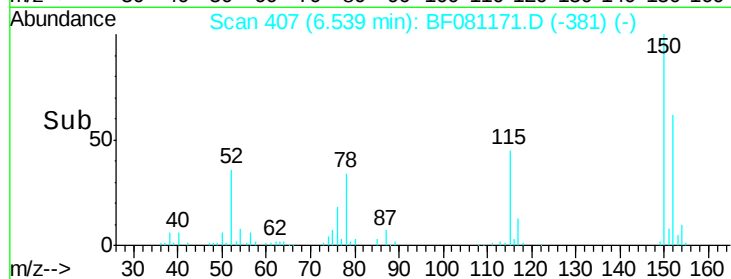
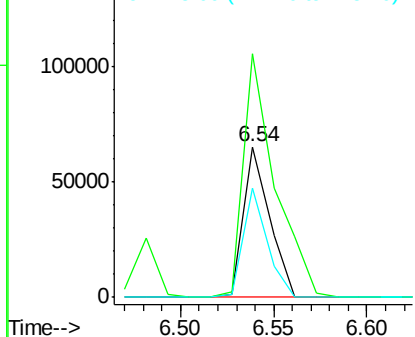
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF081171.D
Acq: 24 Aug 2015 16:02

Instrument :
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ClientSampleId :
PB85031BS

Tgt Ion:152 Resp: 64351
Ion Ratio Lower Upper
152 100
150 162.1 123.8 185.6
115 73.2 52.1 78.1



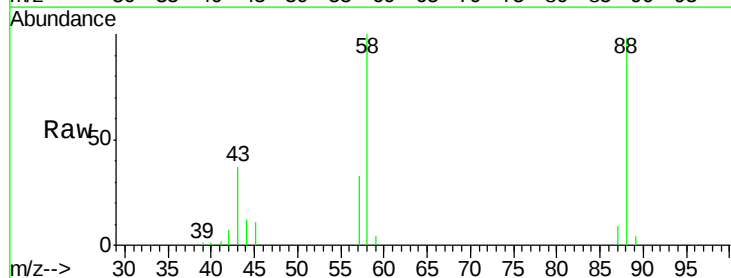
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



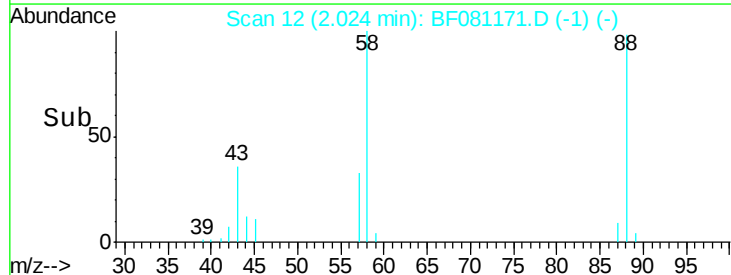
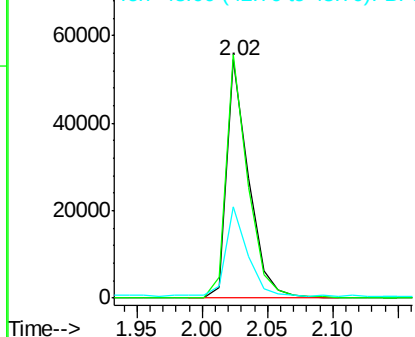
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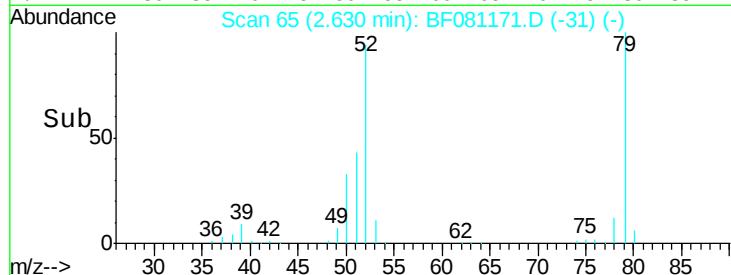
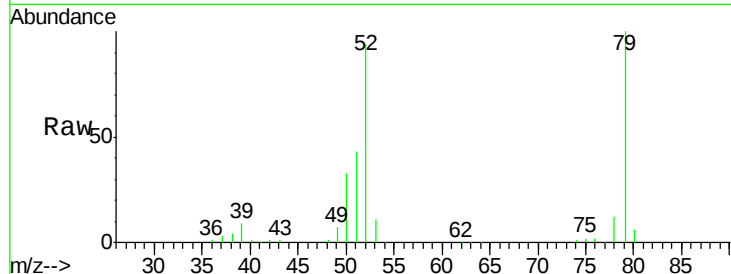
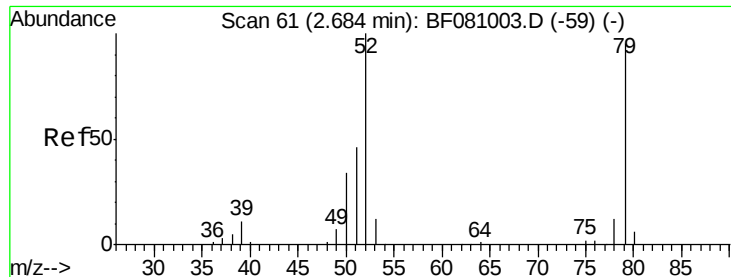
1,4-Dioxane
Concen: 31.85 ng
RT: 2.02 min Scan# 12
Delta R.T. 0.09 min
Lab File: BF081171.D
Acq: 24 Aug 2015 16:02

Tgt Ion: 88 Resp: 64214
Ion Ratio Lower Upper
88 100
58 100.6 83.7 125.5
43 36.9 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

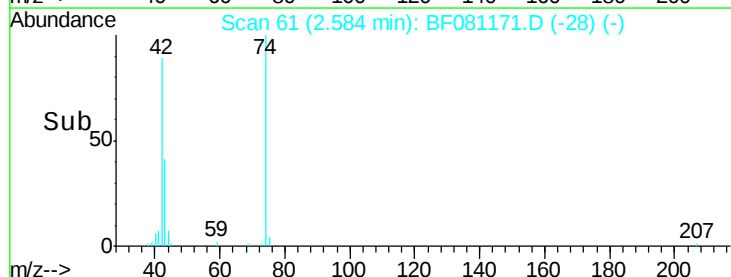
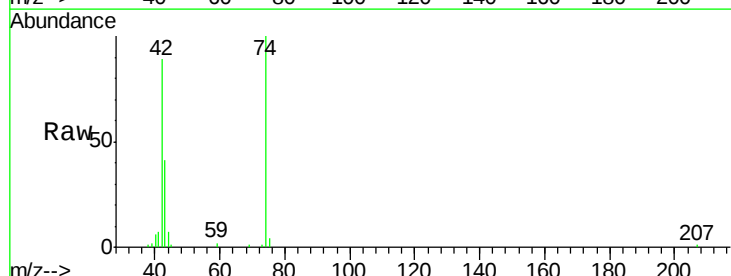
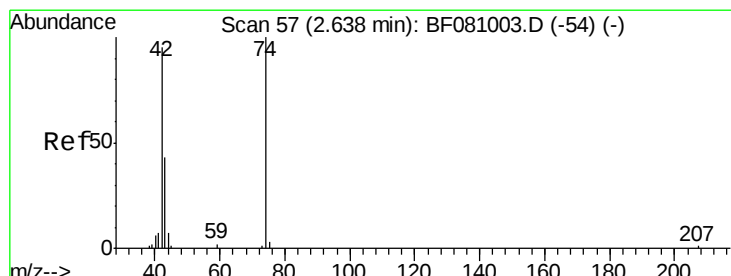
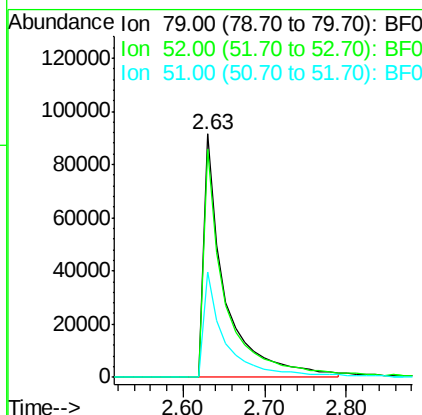




#3
 Pyridine
 Concen: 29.57 ng
 RT: 2.63 min Scan# 65
 Delta R.T. 0.09 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

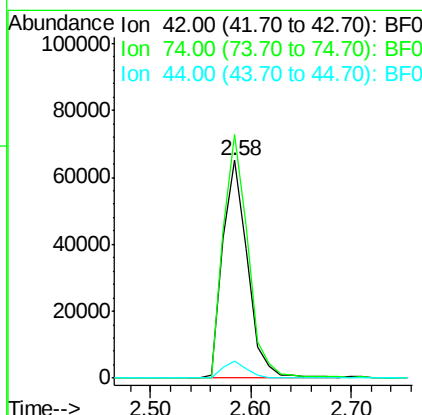
Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

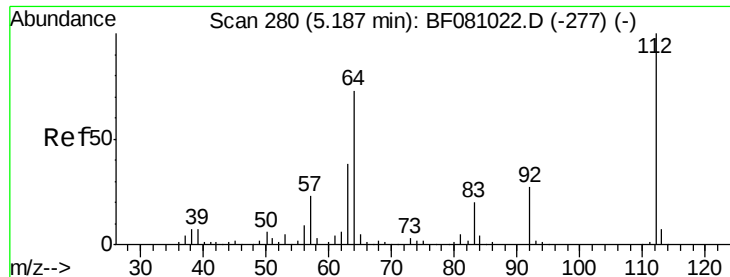
Tgt Ion: 79 Resp: 168271
 Ion Ratio Lower Upper
 79 100
 52 93.9 95.1 142.7#
 51 43.1 46.6 70.0#



#4
 n-Nitrosodimethylamine
 Concen: 35.16 ng
 RT: 2.58 min Scan# 61
 Delta R.T. 0.08 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Tgt Ion: 42 Resp: 111397
 Ion Ratio Lower Upper
 42 100
 74 112.0 69.3 103.9#
 44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 113.98 ng

RT: 5.12 min Scan# 283

Delta R.T. 0.02 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

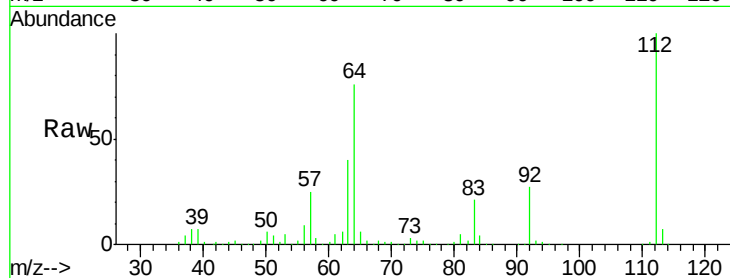
Instrument :

BNA_F

ClientSampleId :

PB85031BS

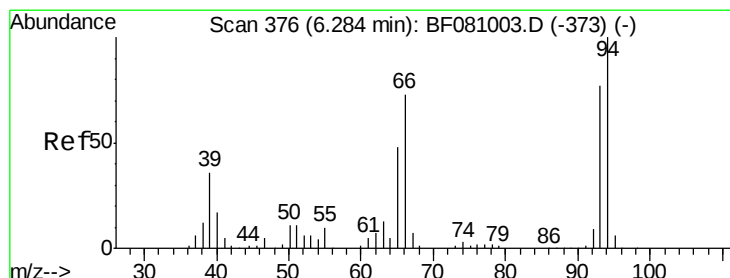
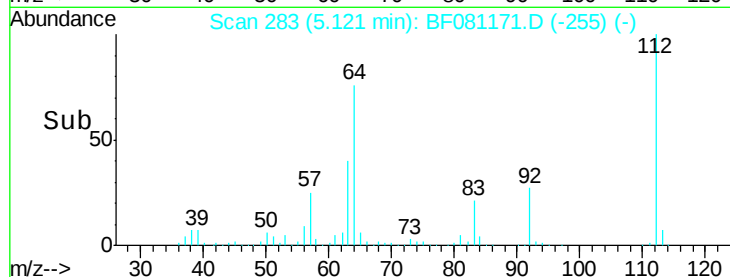
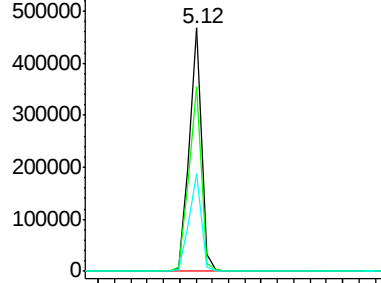
Tgt Ion:	112	Resp:	487663
Ion	Ratio	Lower	Upper
112	100		
64	76.0	66.9	100.3
63	40.0	38.1	57.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.28 ng

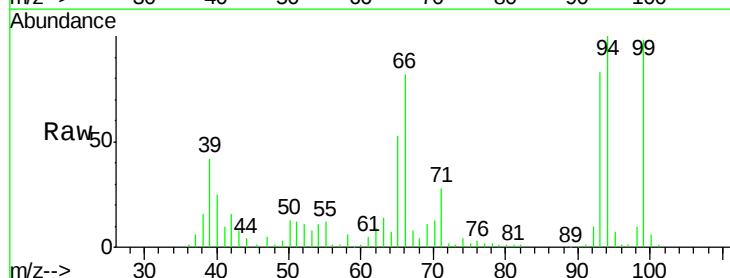
RT: 6.21 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

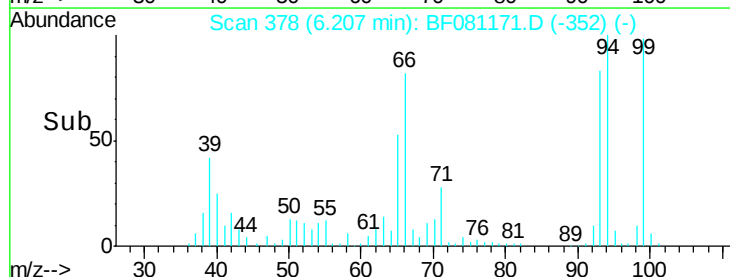
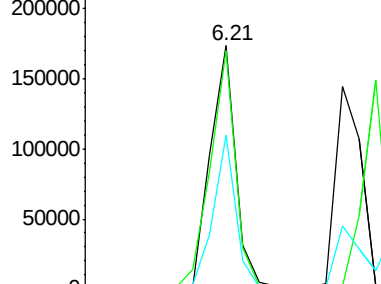
Tgt Ion:	93	Resp:	213313
Ion	Ratio	Lower	Upper
93	100		
66	97.9	35.6	53.4#
65	63.4	18.7	28.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.95 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85031BS

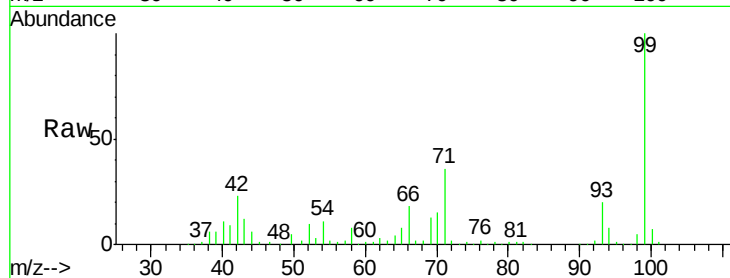
Tgt Ion: 99 Resp: 636098

Ion Ratio Lower Upper

99 100

42 22.9 19.6 29.4

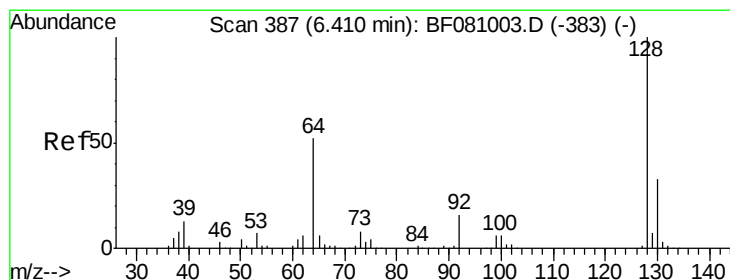
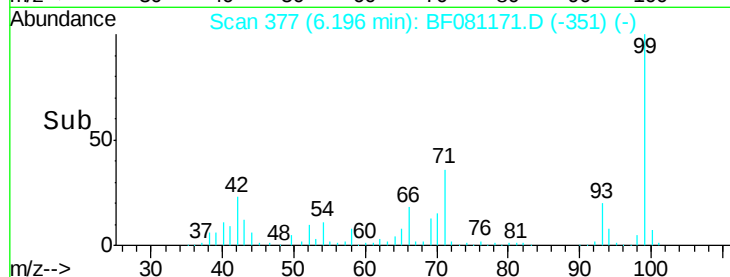
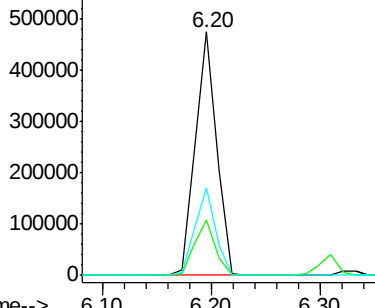
71 35.9 31.2 46.8



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: 38.59 ng

RT: 6.33 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

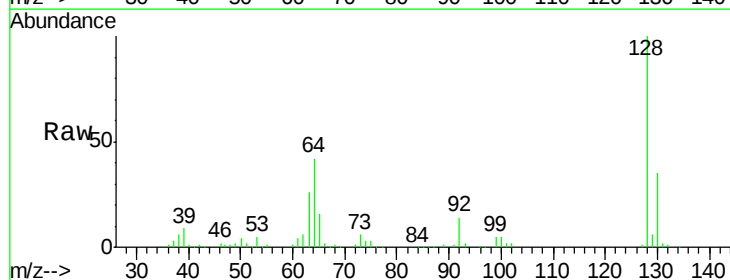
Tgt Ion: 128 Resp: 180705

Ion Ratio Lower Upper

128 100

130 34.6 12.5 52.5

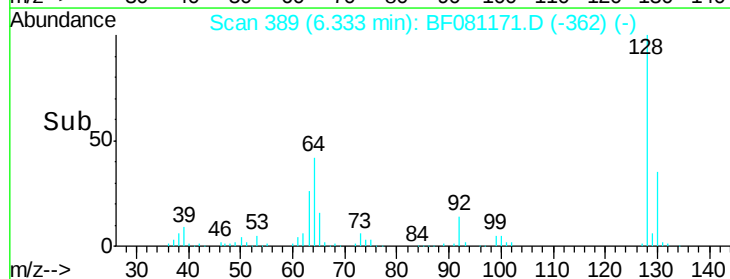
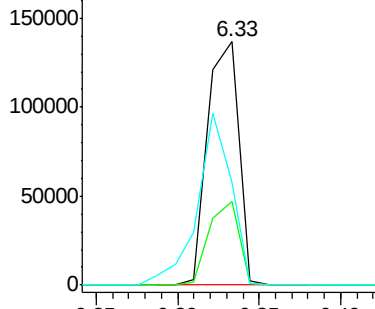
64 42.4 46.8 86.8#

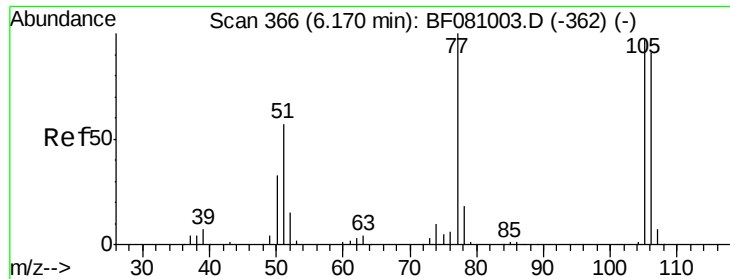


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.94 ng

RT: 6.08 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

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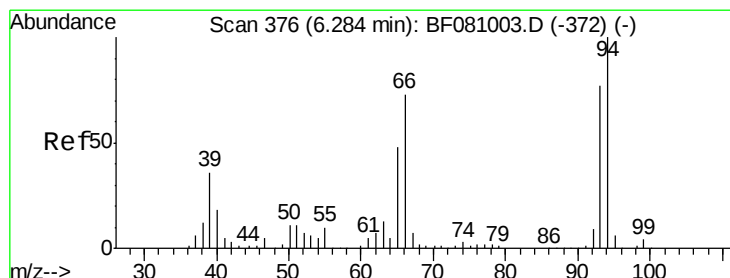
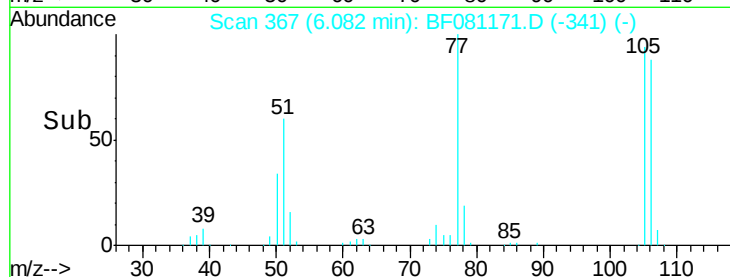
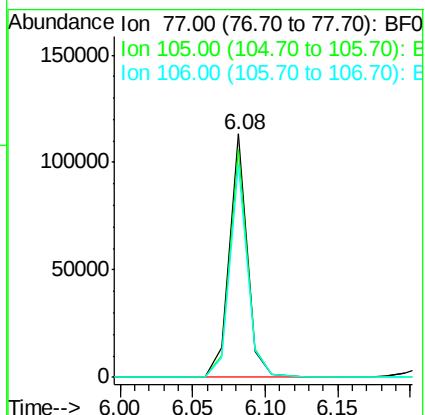
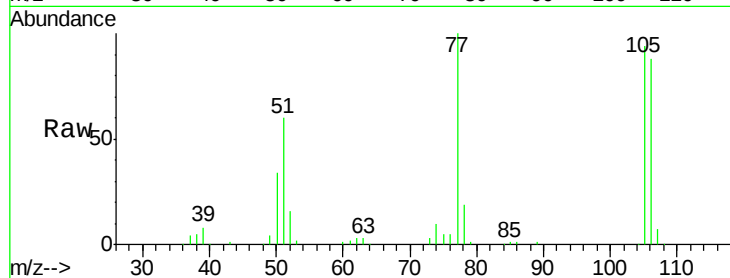
Tgt Ion: 77 Resp: 96935

Ion Ratio Lower Upper

77 100

105 93.9 69.6 109.6

106 87.6 64.0 104.0



#10

Phenol

Concen: 32.71 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

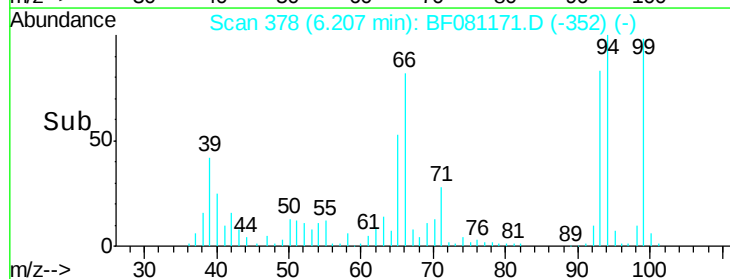
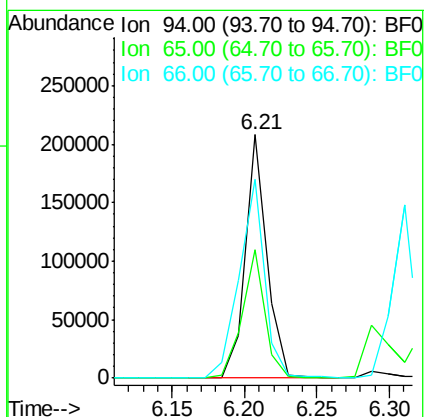
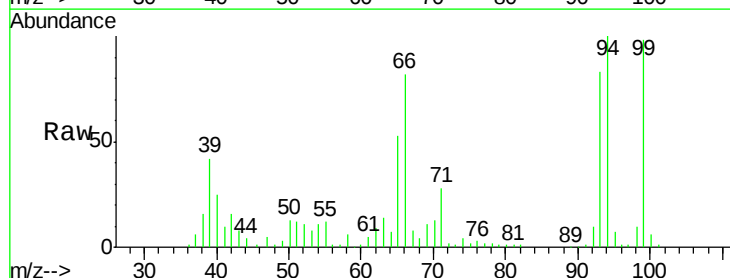
Tgt Ion: 94 Resp: 215644

Ion Ratio Lower Upper

94 100

65 52.8 28.4 68.4

66 81.6 52.3 92.3

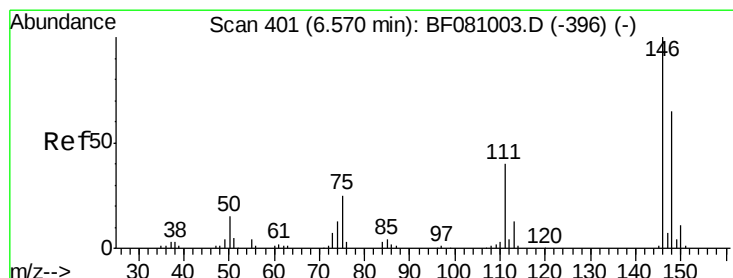
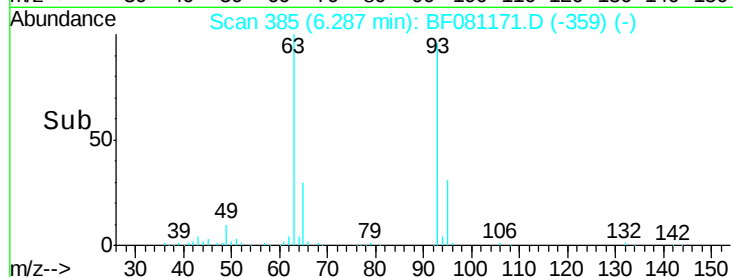
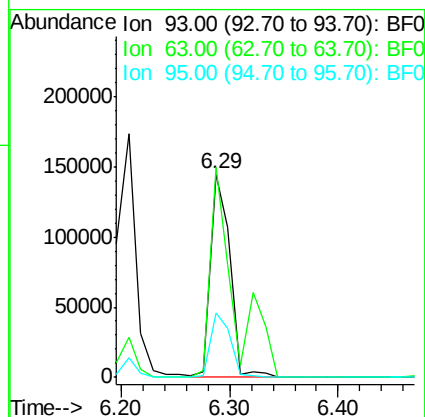
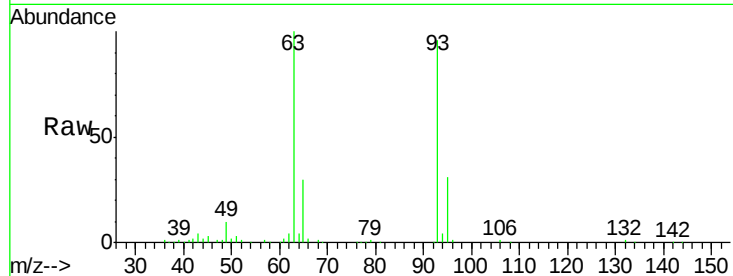




#11
 bis(2-Chloroethyl)ether
 Concen: 36.12 ng
 RT: 6.29 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

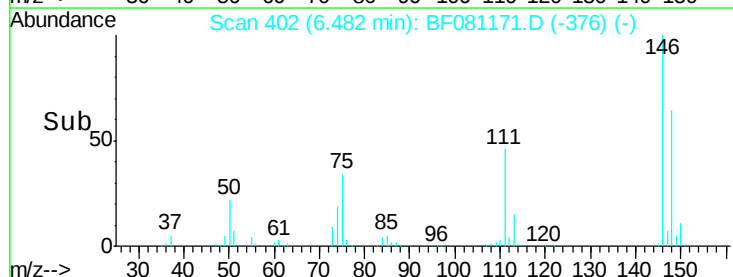
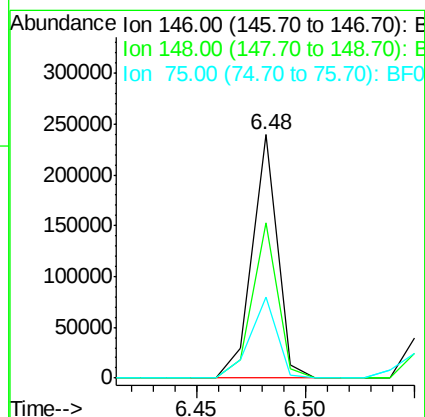
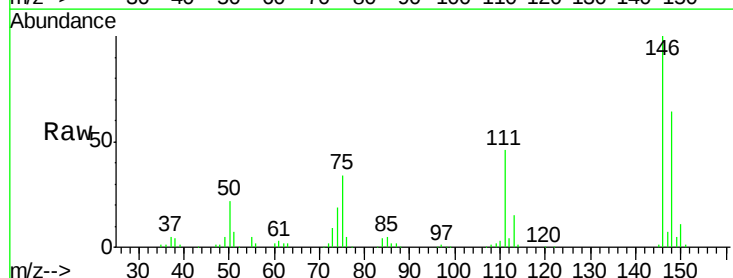
Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

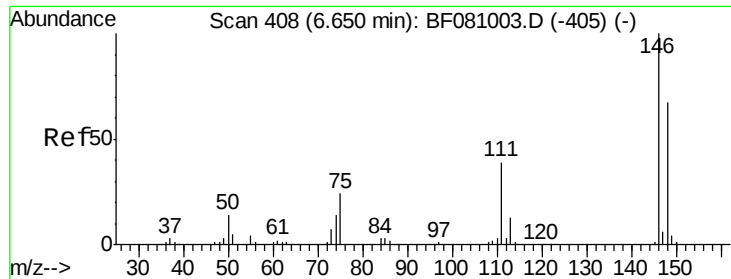
Tgt Ion: 93 Resp: 182699
 Ion Ratio Lower Upper
 93 100
 63 103.9 69.6 109.6
 95 32.0 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 38.52 ng
 RT: 6.48 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Tgt Ion: 146 Resp: 193833
 Ion Ratio Lower Upper
 146 100
 148 63.8 53.3 79.9
 75 33.5 25.0 37.6

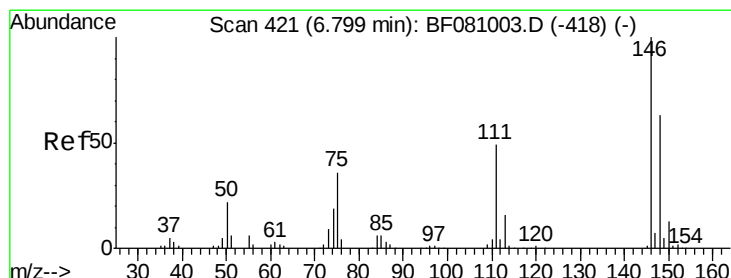
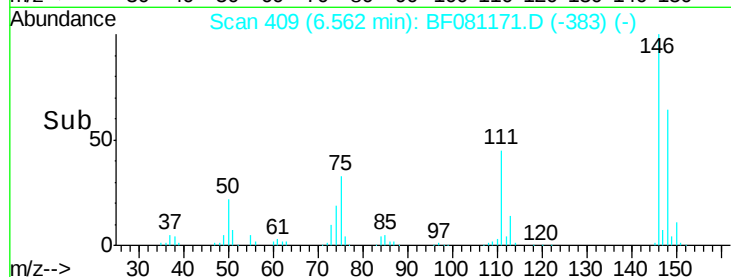
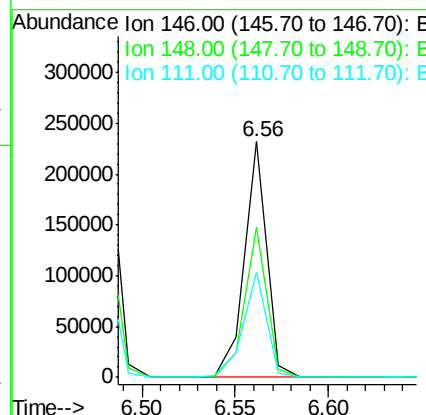
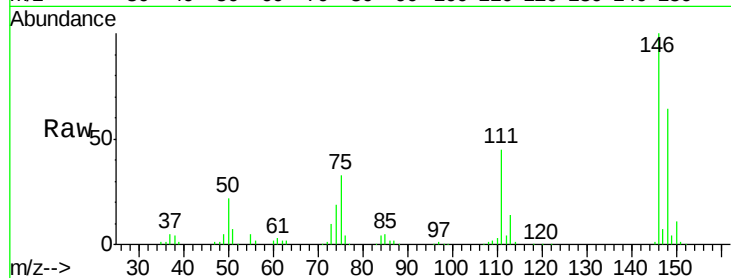




#13
 1,4-Dichlorobenzene
 Concen: 39.14 ng
 RT: 6.56 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

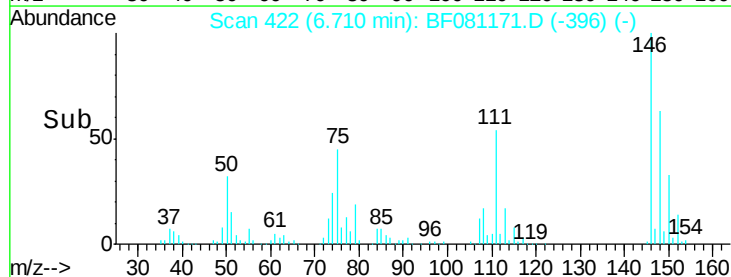
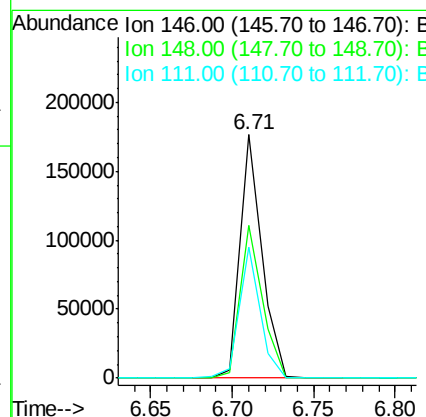
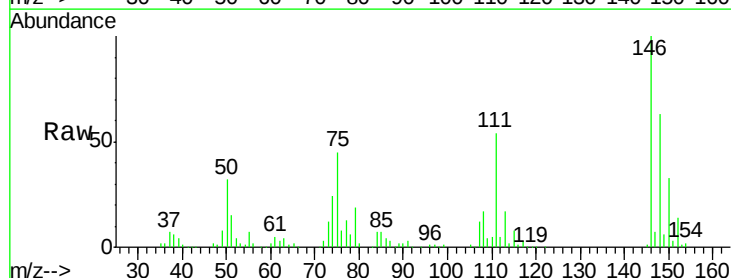
Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

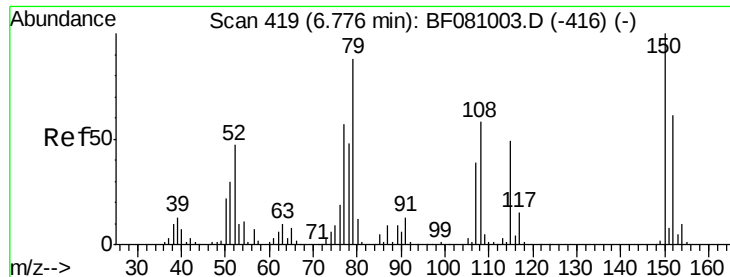
Tgt Ion:146 Resp: 195028
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.3 78.5
 111 44.5 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 34.63 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Tgt Ion:146 Resp: 161484
 Ion Ratio Lower Upper
 146 100
 148 62.5 48.7 73.1
 111 54.0 42.3 63.5





#15

Benzyl Alcohol

Concen: 37.02 ng

RT: 6.70 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleID :

PB85031BS

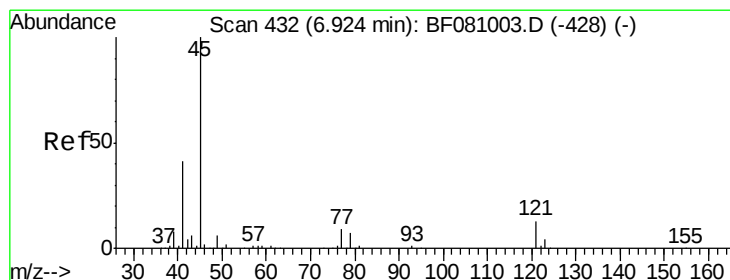
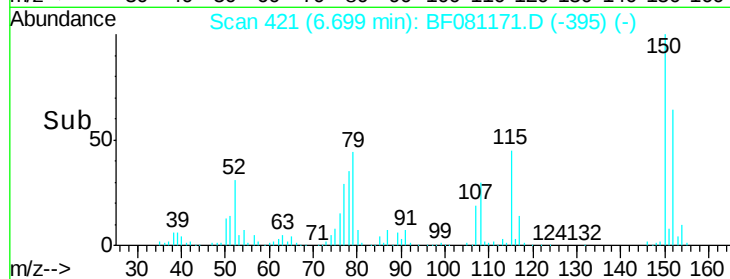
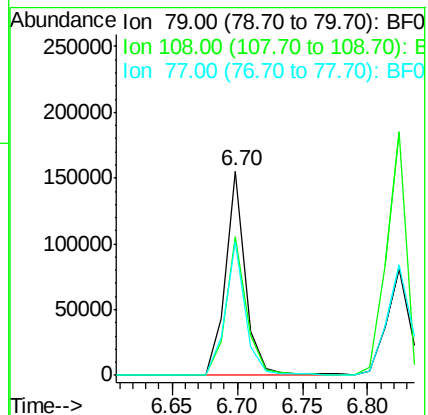
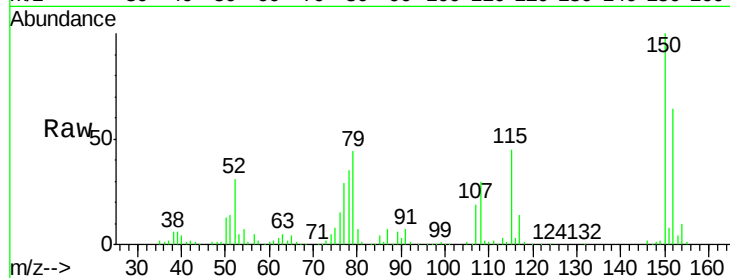
Tgt Ion: 79 Resp: 167209

Ion Ratio Lower Upper

79 100

108 67.7 49.4 74.2

77 65.3 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.10 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

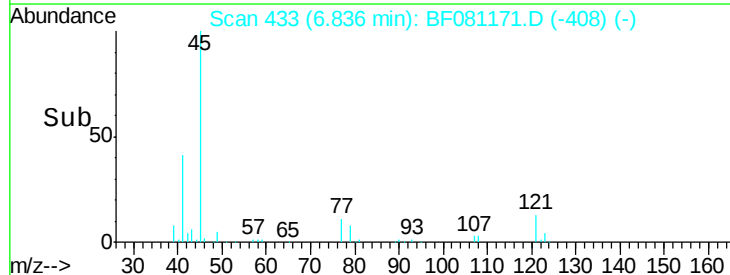
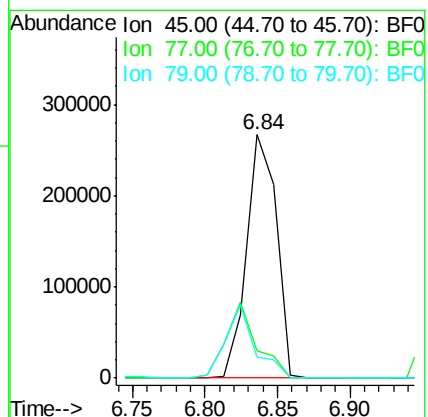
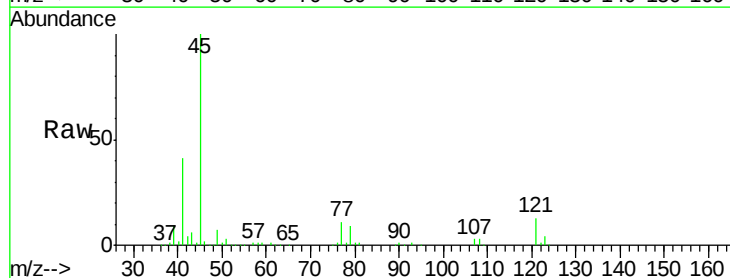
Tgt Ion: 45 Resp: 378688

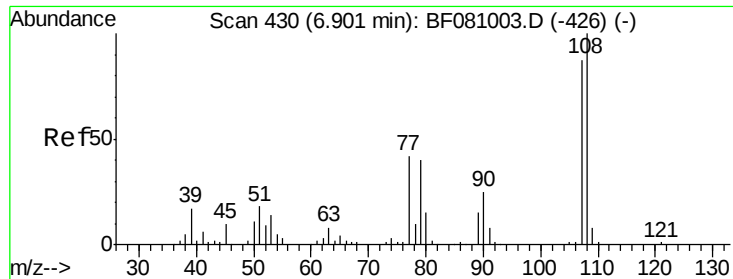
Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.2

79 8.6 0.0 28.0

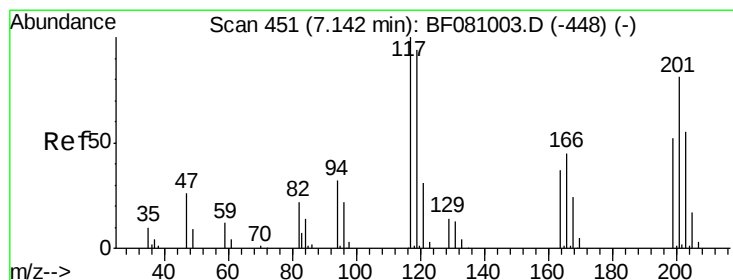
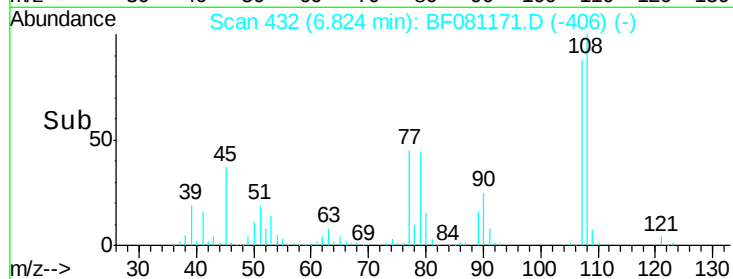
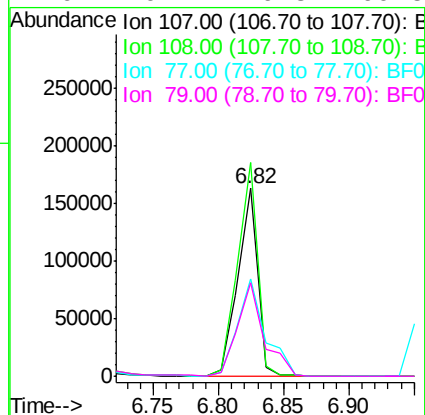
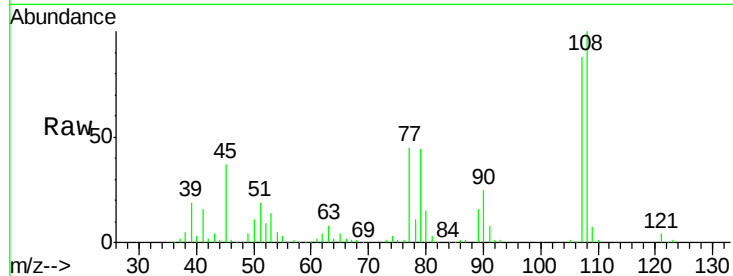




#17
2-Methylphenol
Concen: 42.31 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF081171.D
Acq: 24 Aug 2015 16:02

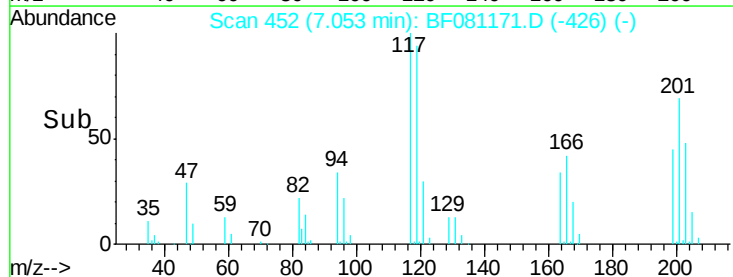
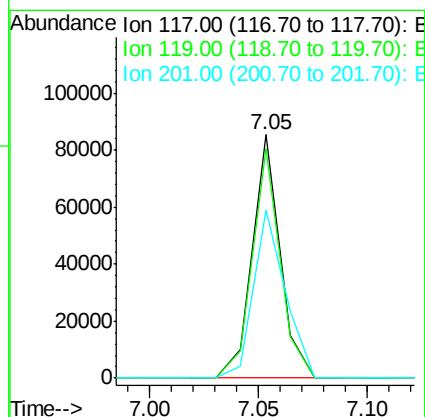
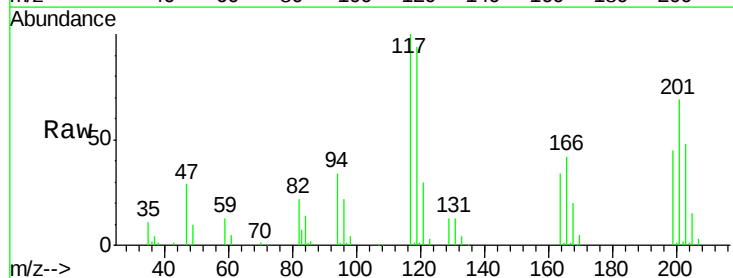
Instrument :
BNA_F
ClientSampleId :
PB85031BS

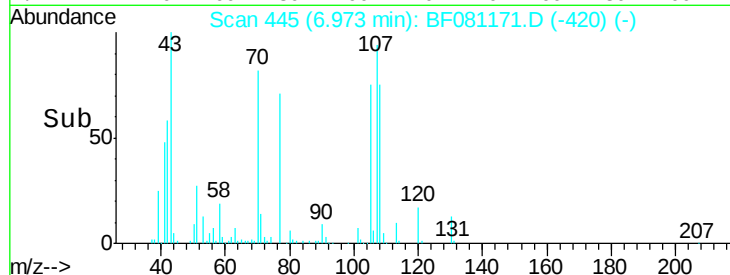
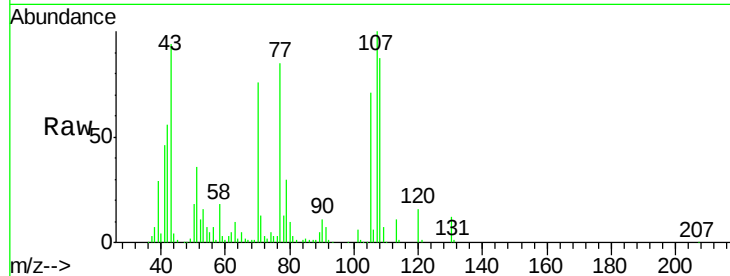
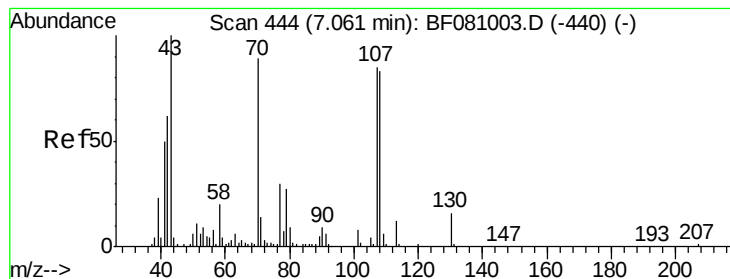
Tgt Ion:	107	Resp:	169987
Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.4	135.6
77	51.6	46.5	69.7
79	49.7	46.3	69.5



#18
Hexachloroethane
Concen: 37.52 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF081171.D
Acq: 24 Aug 2015 16:02

Tgt Ion:	117	Resp:	75526
Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.9	116.9
201	69.2	61.3	91.9





#19

n-Nitroso-di-n-propylamine

Concen: 36.45 ng

RT: 6.97 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85031BS

Tgt Ion: 70 Resp: 140934

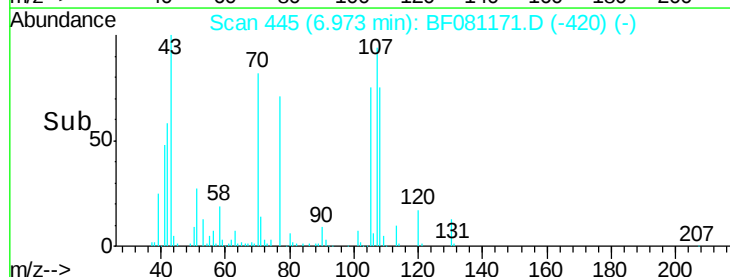
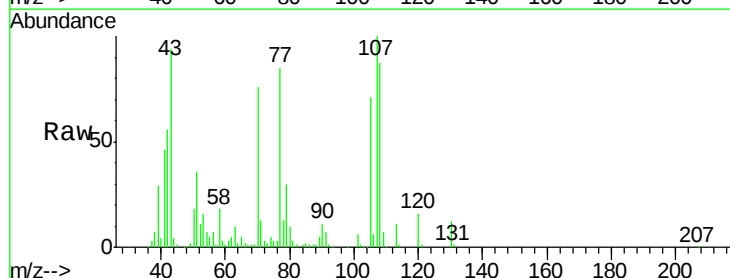
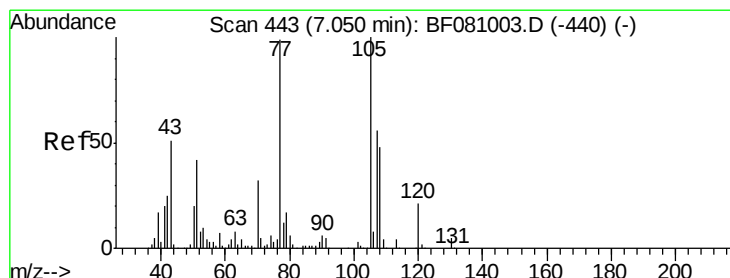
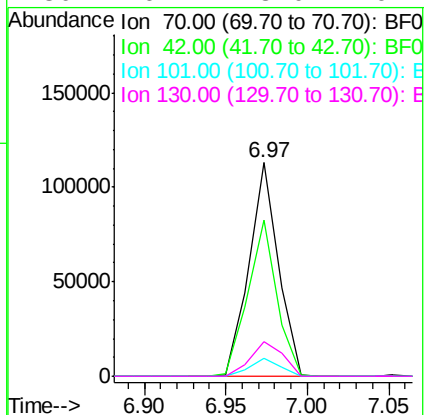
Ion Ratio Lower Upper

70 100

42 73.2 65.0 97.4

101 8.3 7.4 11.2

130 16.1 13.0 19.4



#20

3+4-Methylphenols

Concen: 39.84 ng

RT: 6.97 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Tgt Ion: 107 Resp: 203180

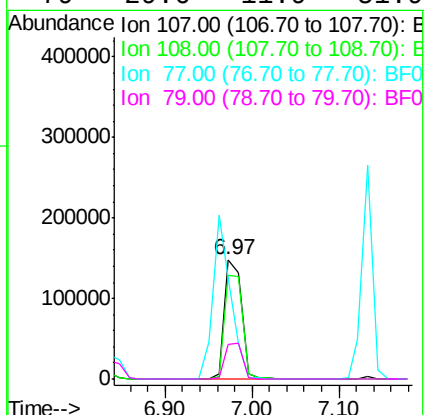
Ion Ratio Lower Upper

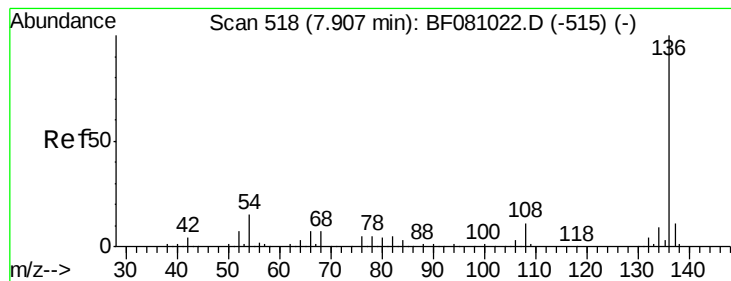
107 100

108 87.1 66.1 106.1

77 85.0 139.3 179.3#

79 29.6 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: BF081171.D

Acq: 24 Aug 2015 16:02

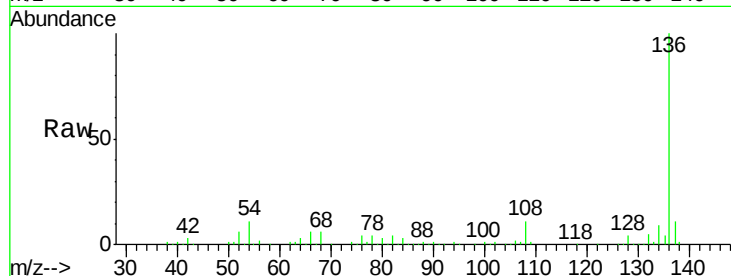
Instrument :

BNA_F

ClientSampleId :

PB85031BS

Tgt Ion:	136	Resp:	265226
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.2	12.2
54	10.8	7.7	11.5
68	6.1	3.4	5.2#



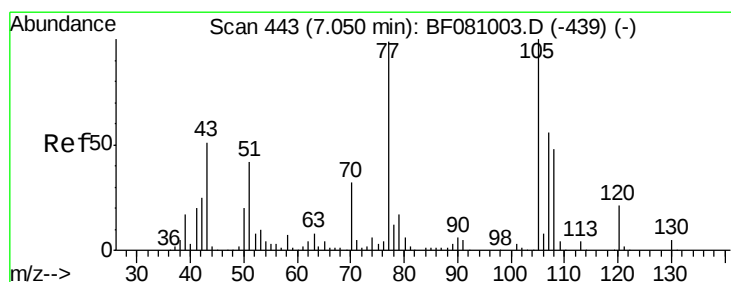
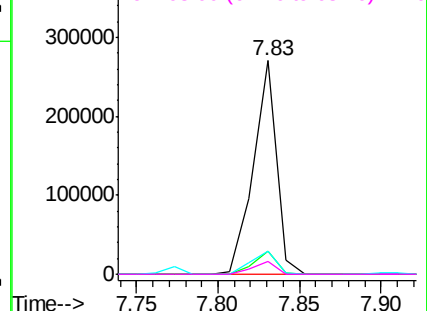
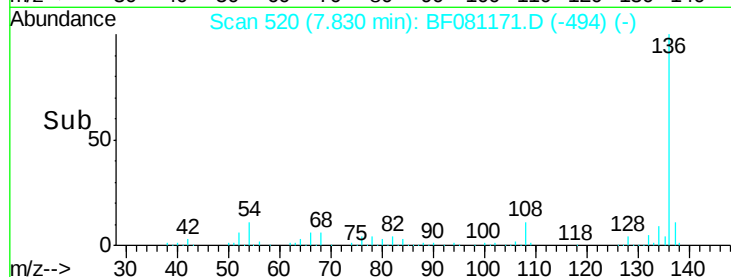
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.06 ng

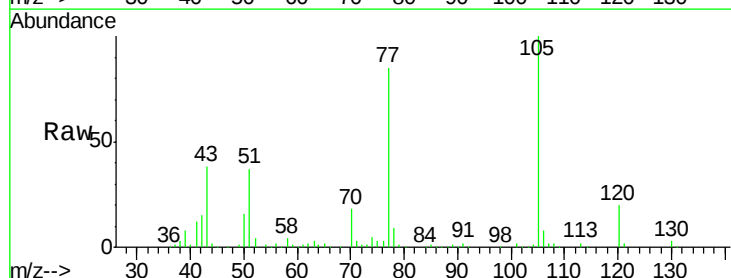
RT: 6.96 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Tgt Ion:	105	Resp:	271981
Ion Ratio	Lower	Upper	
105	100		
71	3.1	3.0	4.6
51	36.9	39.8	59.8#
120	19.7	15.8	23.8



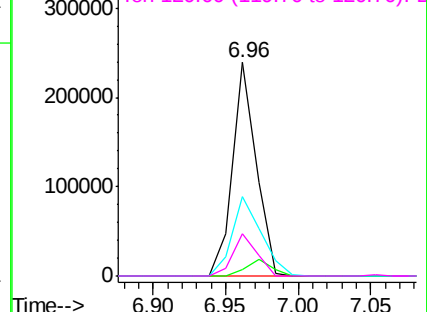
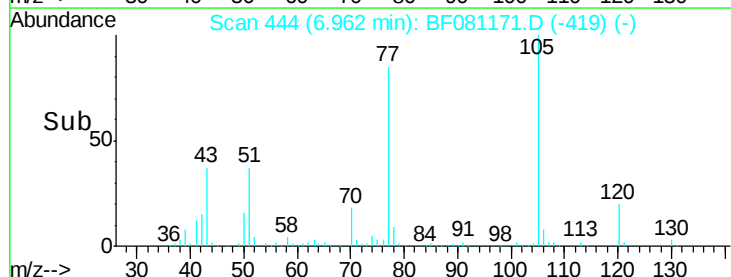
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

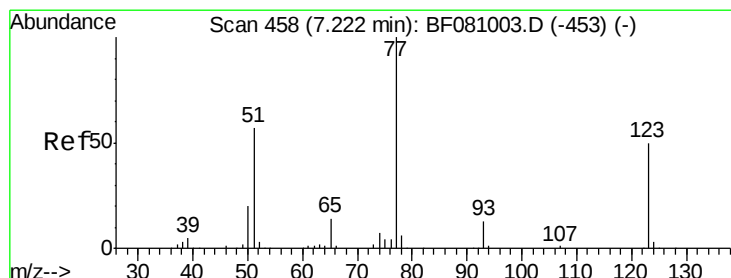
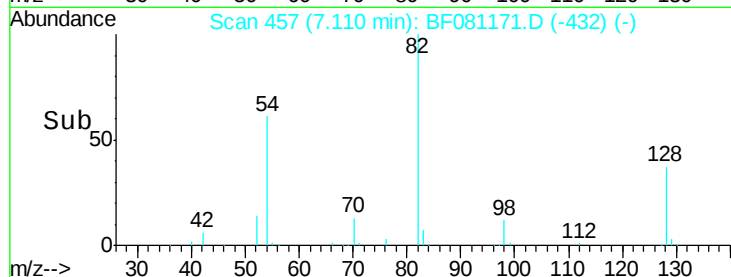
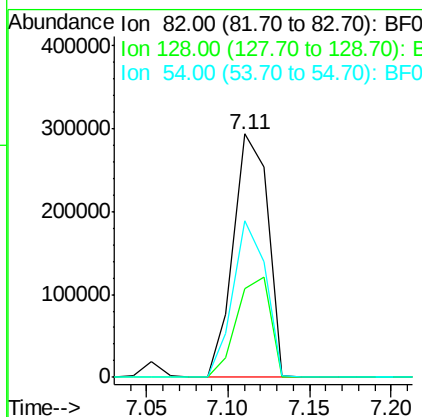
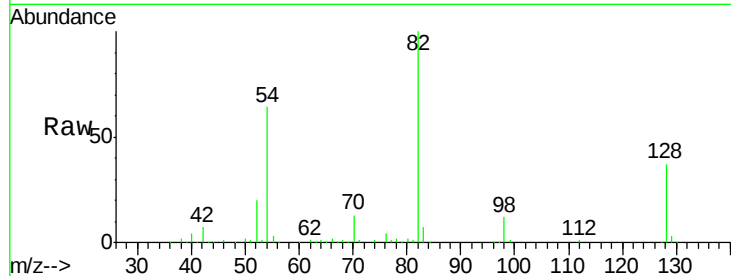




#23
 Nitrobenzene-d5
 Concen: 73.97 ng
 RT: 7.11 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

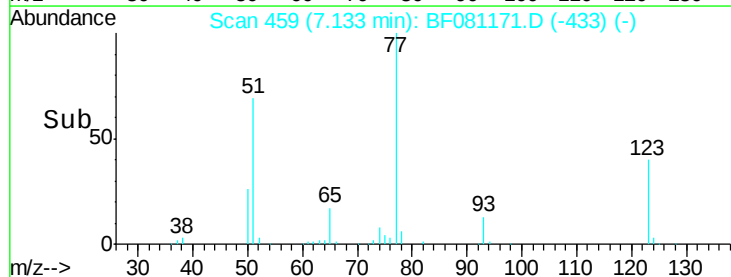
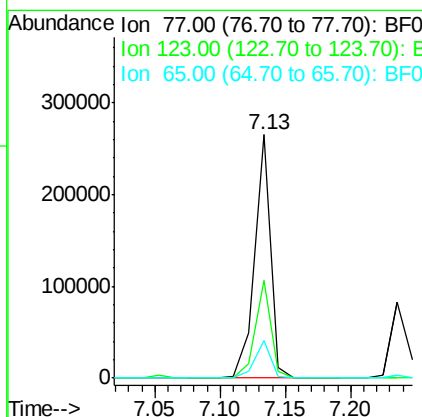
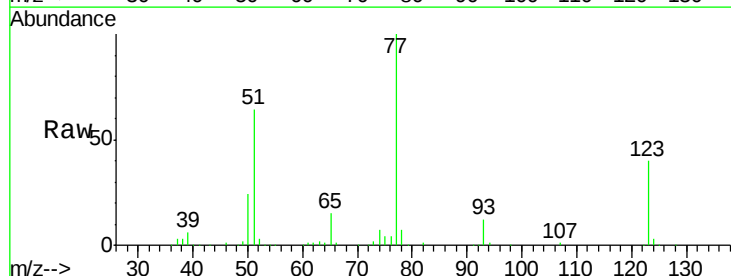
Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

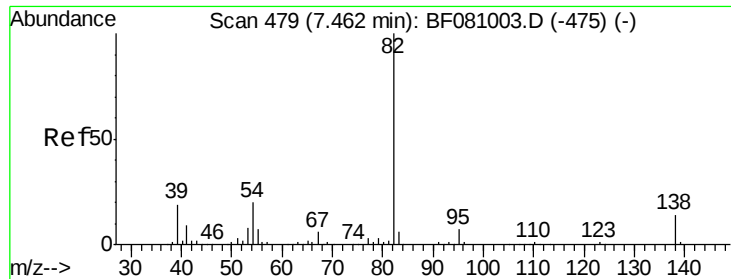
Tgt Ion:	82	Resp:	429442
Ion	Ratio	Lower	Upper
82	100		
128	36.5	28.6	42.8
54	64.4	55.1	82.7



#24
 Nitrobenzene
 Concen: 37.32 ng
 RT: 7.13 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Tgt Ion:	77	Resp:	226560
Ion	Ratio	Lower	Upper
77	100		
123	40.0	32.9	49.3
65	15.2	12.5	18.7





#25

Isophorone

Concen: 36.28 ng

RT: 7.38 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85031BS

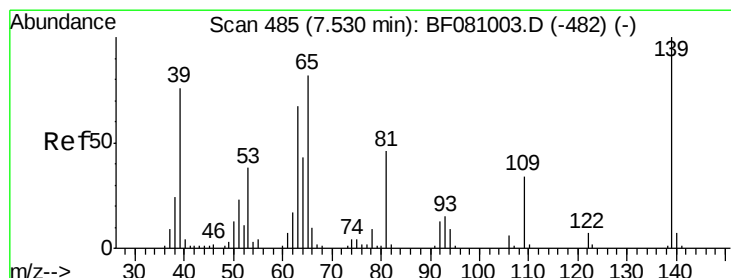
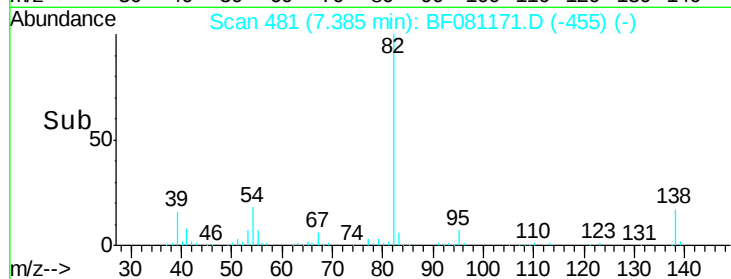
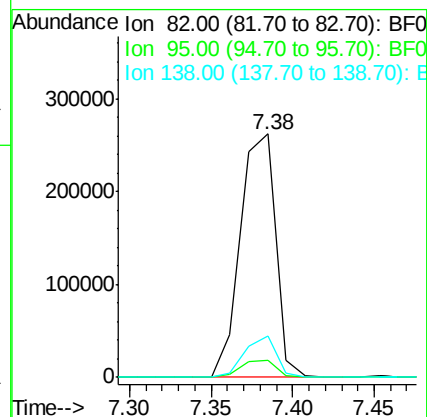
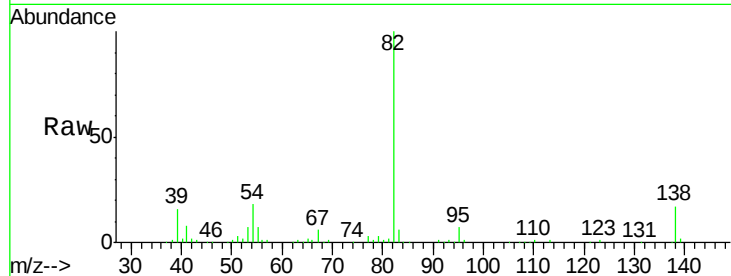
Tgt Ion: 82 Resp: 392828

Ion Ratio Lower Upper

82 100

95 6.9 6.2 9.2

138 17.0 10.5 15.7#



#26

2-Nitrophenol

Concen: 40.42 ng

RT: 7.45 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

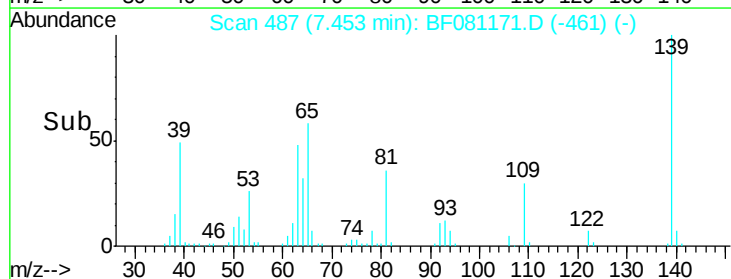
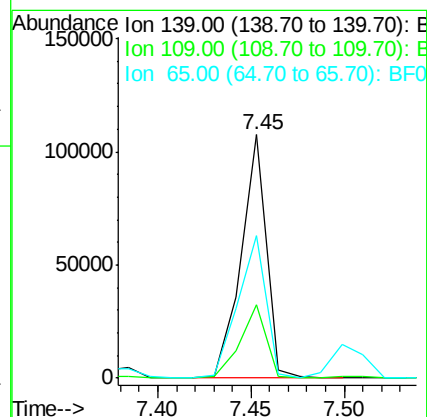
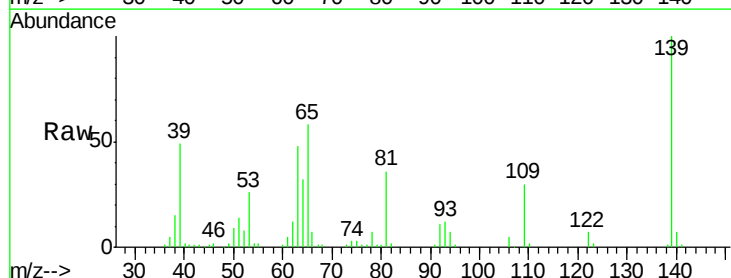
Tgt Ion: 139 Resp: 102038

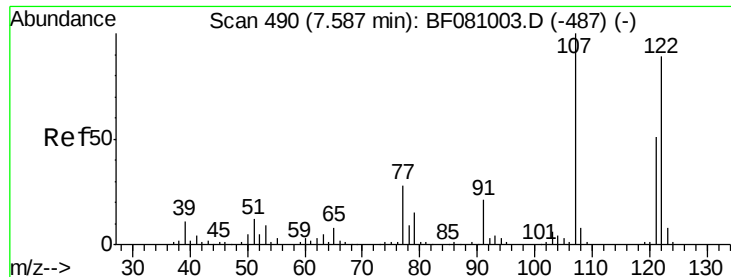
Ion Ratio Lower Upper

139 100

109 30.0 32.1 48.1#

65 58.4 69.9 104.9#

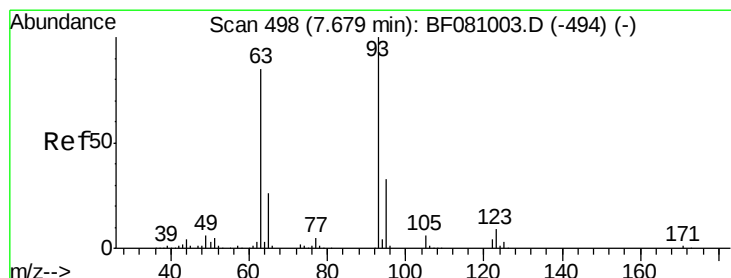
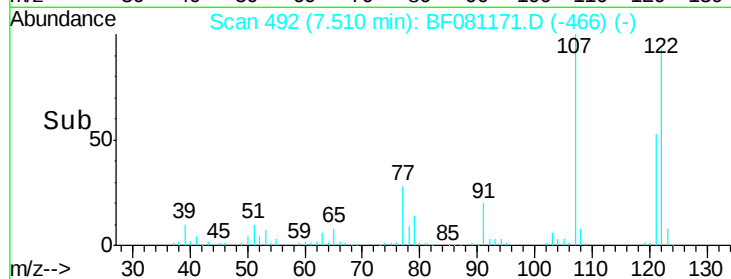
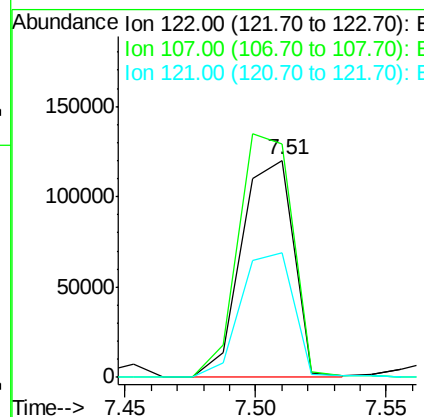
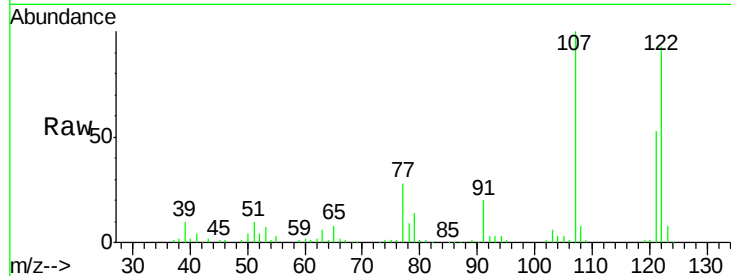




#27
 2,4-Dimethylphenol
 Concen: 38.05 ng
 RT: 7.51 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

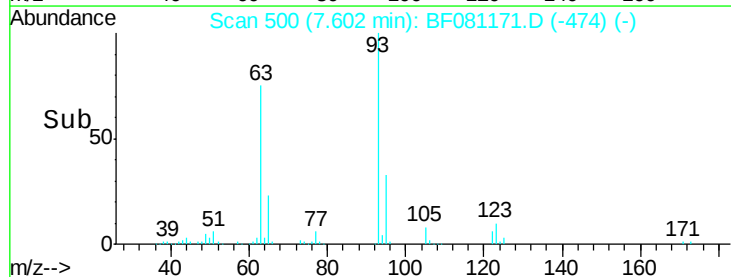
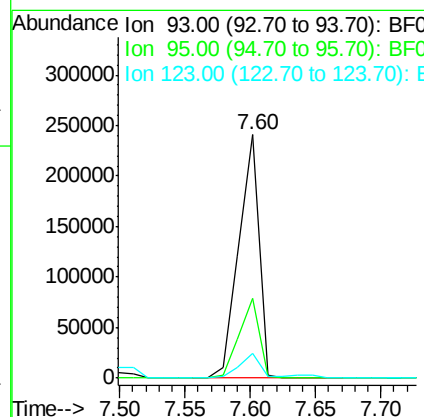
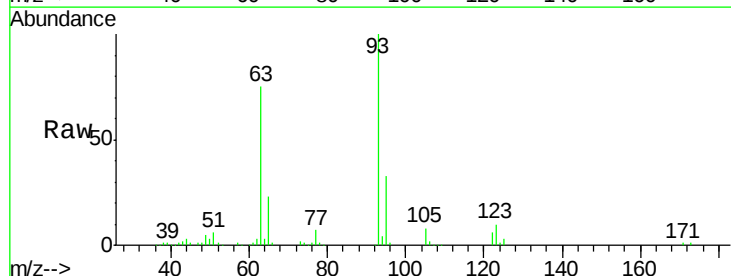
Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

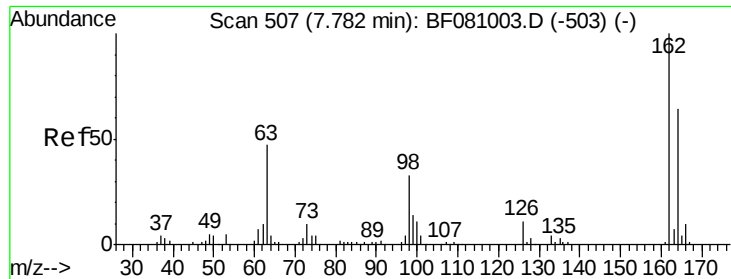
Tgt Ion:122 Resp: 169932
 Ion Ratio Lower Upper
 122 100
 107 107.8 103.8 155.6
 121 57.5 47.0 70.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.47 ng
 RT: 7.60 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Tgt Ion: 93 Resp: 258885
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.8 38.8
 123 10.1 7.4 11.0

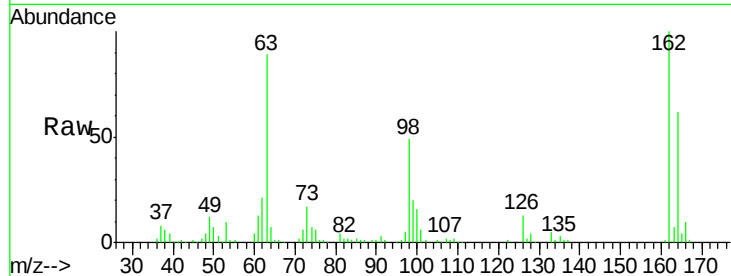




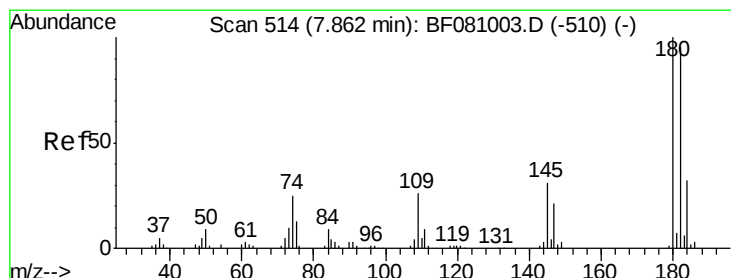
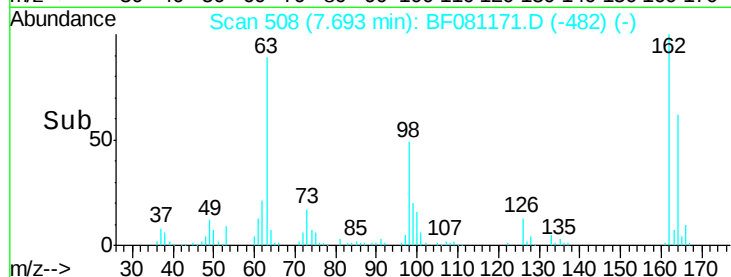
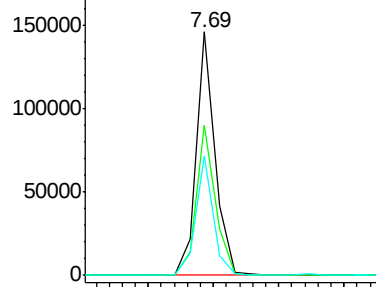
#29
 2,4-Dichlorophenol
 Concen: 38.84 ng
 RT: 7.69 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.6	43.2	83.2
98	48.9	12.3	52.3

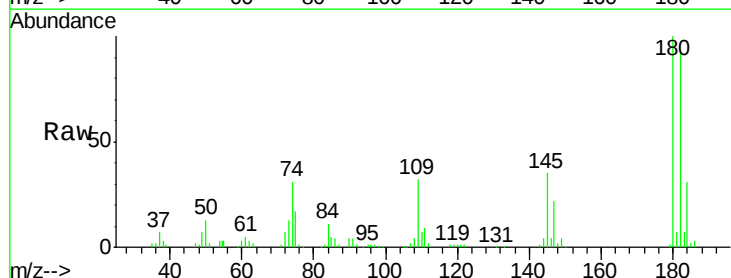


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

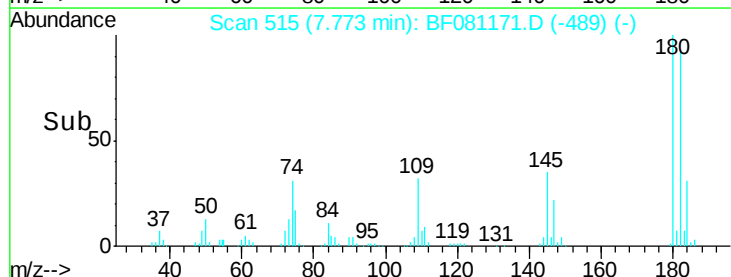
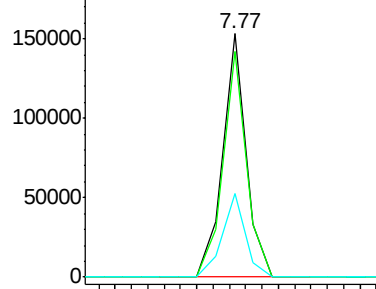


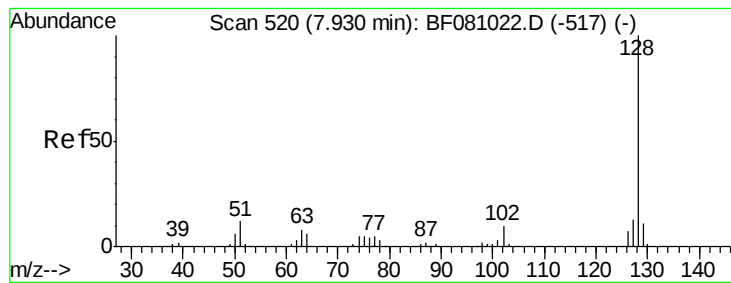
#30
 1,2,4-Trichlorobenzene
 Concen: 36.47 ng
 RT: 7.77 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.4	114.6
145	34.5	25.4	38.2



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





#31

Naphthalene

Concen: 38.15 ng

RT: 7.85 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85031BS

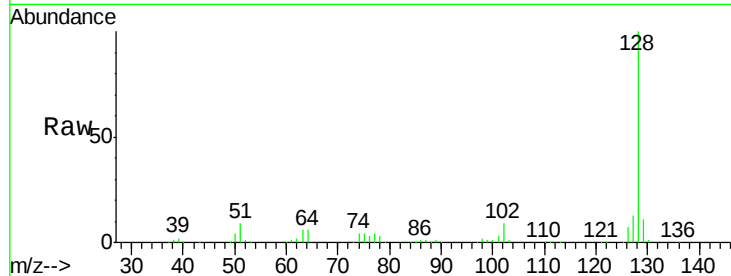
Tgt Ion:128 Resp: 564091

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

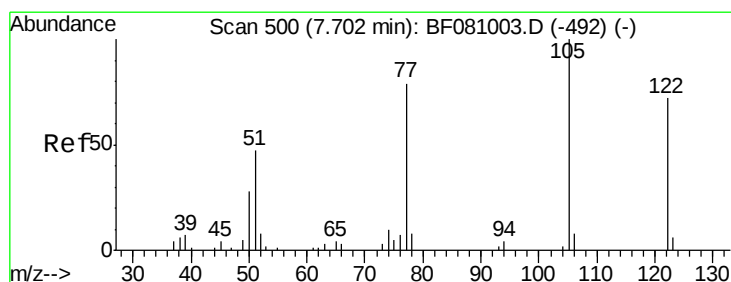
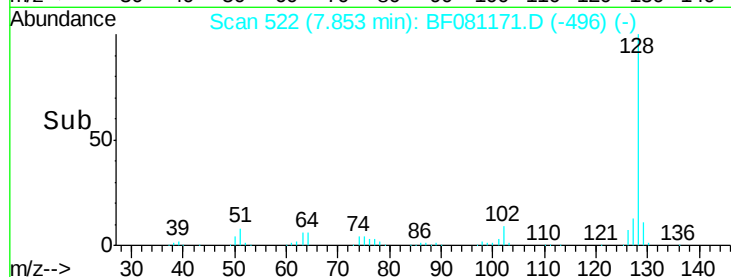
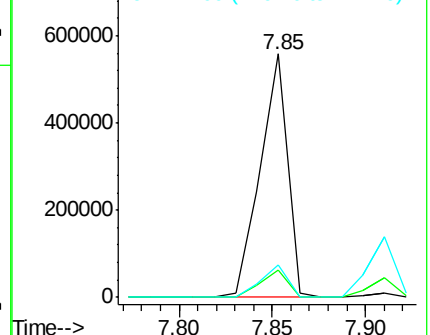
127 13.3 10.6 16.0



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: 47.32 ng

RT: 7.65 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

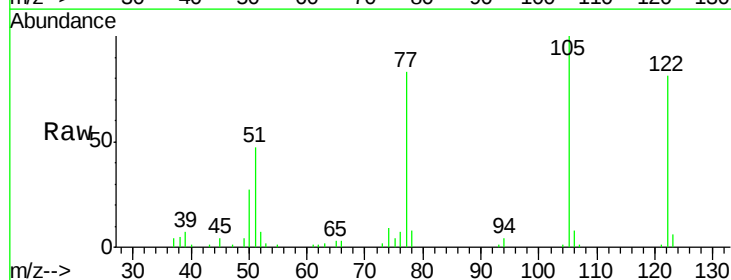
Tgt Ion:122 Resp: 118880

Ion Ratio Lower Upper

122 100

105 124.1 113.8 153.8

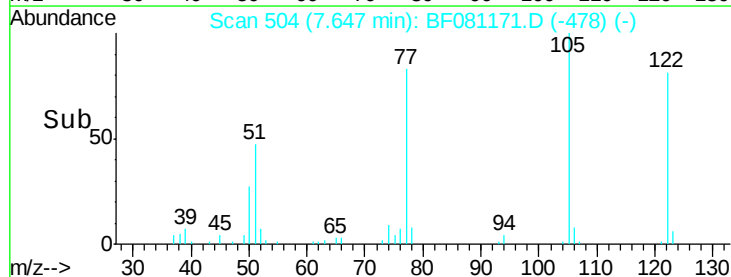
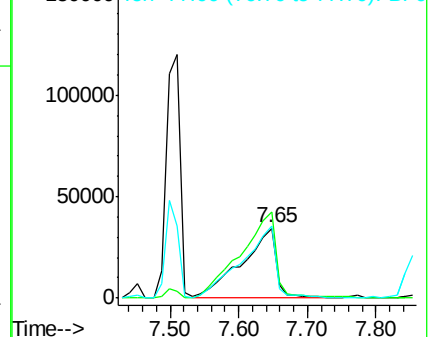
77 103.5 93.8 133.8



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

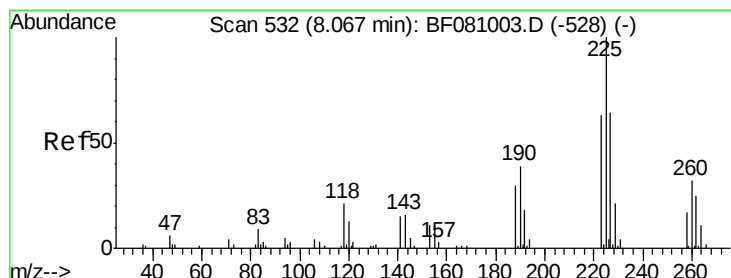
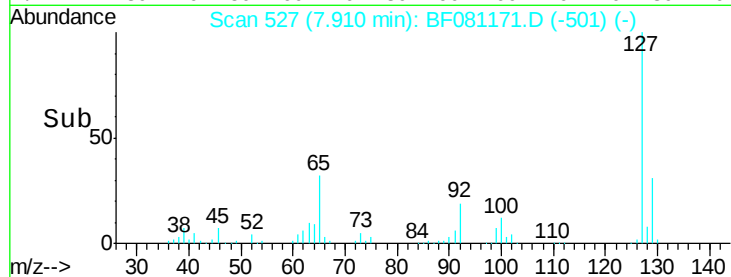
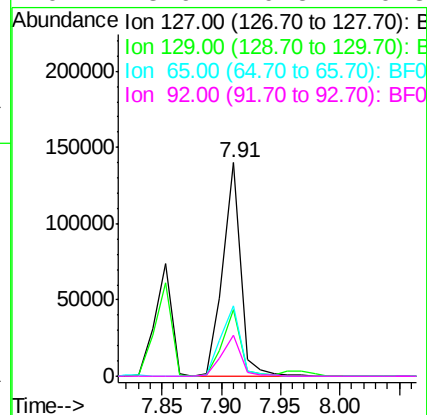
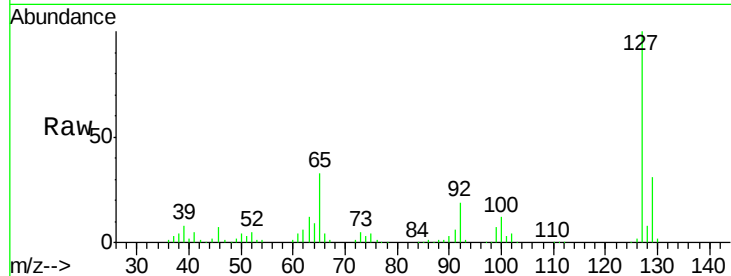




#33
4-Chloroaniline
Concen: 23.27 ng
RT: 7.91 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF081171.D
Acq: 24 Aug 2015 16:02

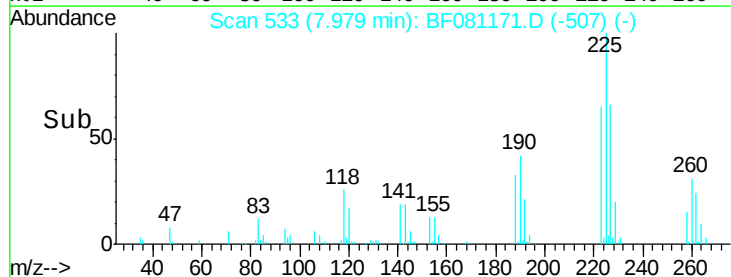
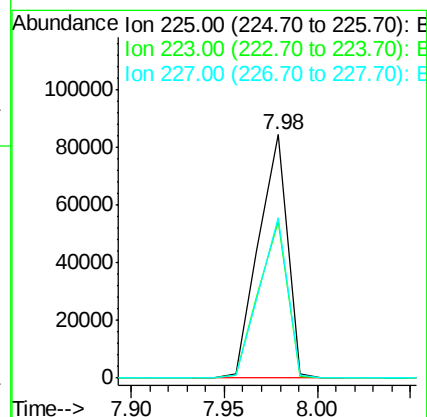
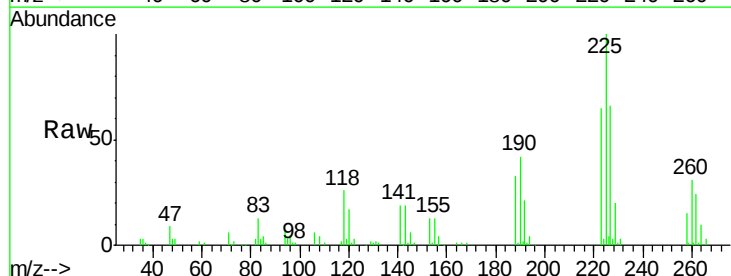
Instrument :
BNA_F
ClientSampleId :
PB85031BS

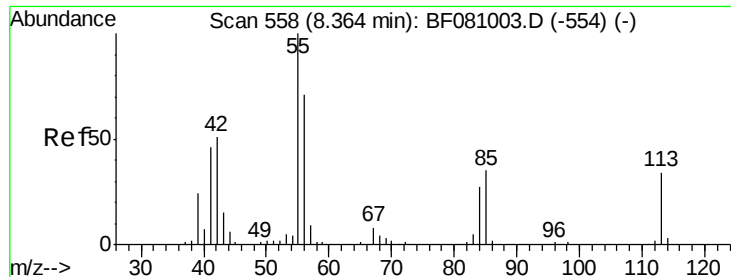
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.2	37.8
65	32.9	37.8	56.6#
92	18.9	19.5	29.3#



#34
Hexachlorobutadiene
Concen: 38.02 ng
RT: 7.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF081171.D
Acq: 24 Aug 2015 16:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	52.6	79.0
227	65.7	51.1	76.7





#35

Caprolactam

Concen: 27.48 ng

RT: 8.29 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85031BS

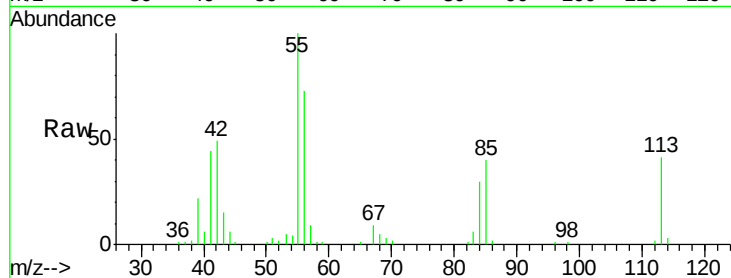
Tgt Ion:113 Resp: 36111

Ion Ratio Lower Upper

113 100

55 241.0 280.4 320.4#

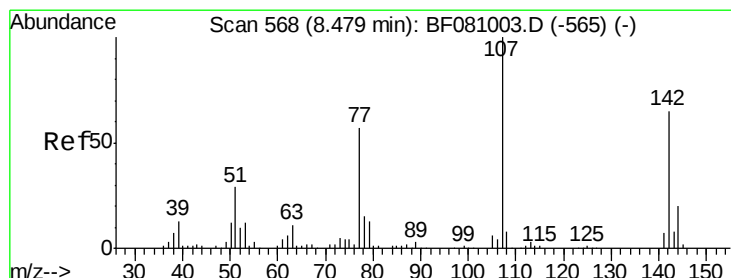
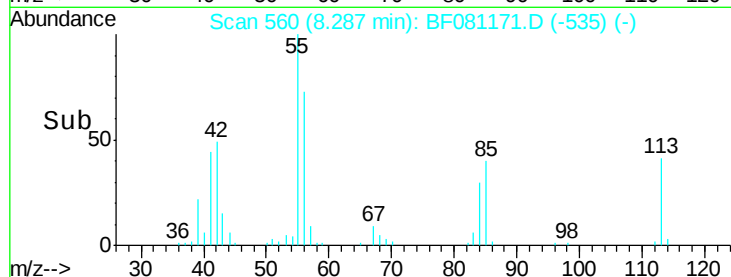
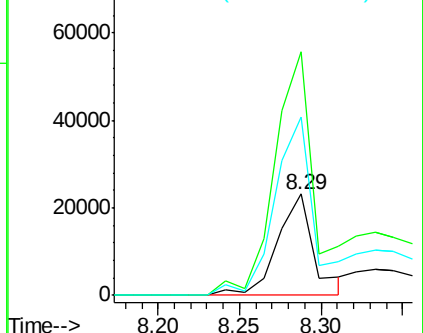
56 176.6 205.9 245.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.32 ng

RT: 8.40 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

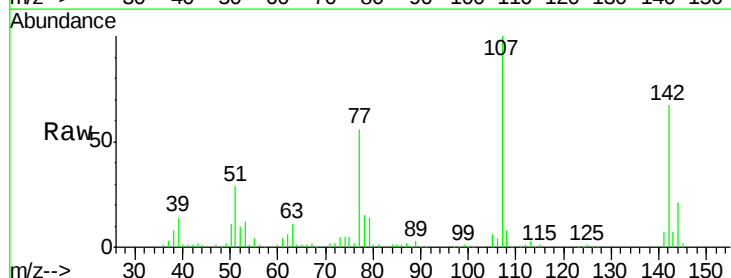
Tgt Ion:107 Resp: 167257

Ion Ratio Lower Upper

107 100

144 20.8 17.2 25.8

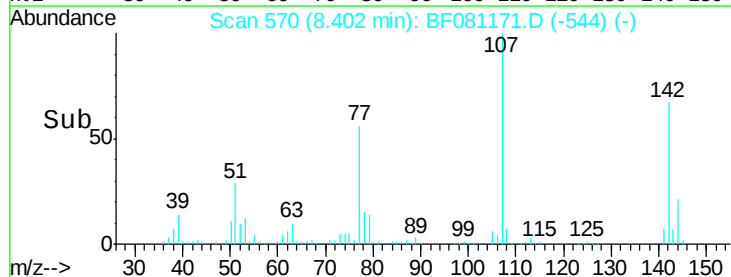
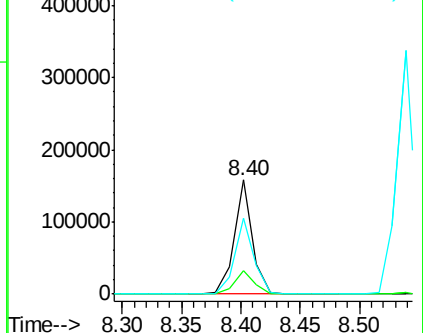
142 67.0 54.9 82.3

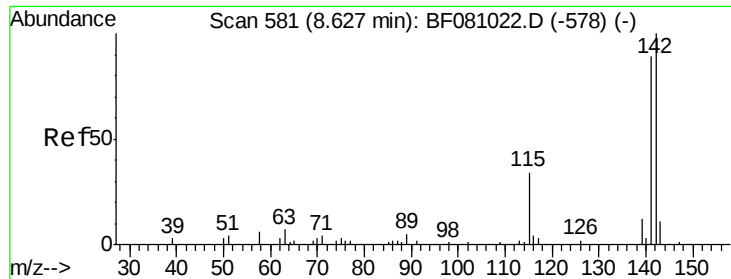


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

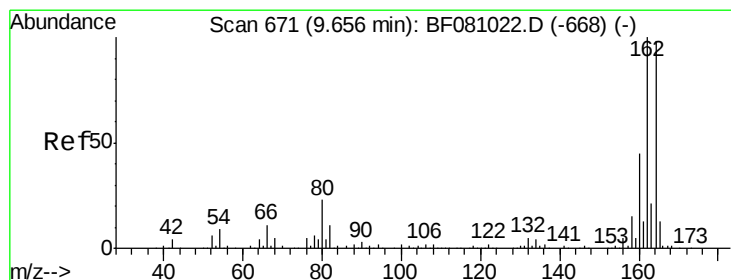
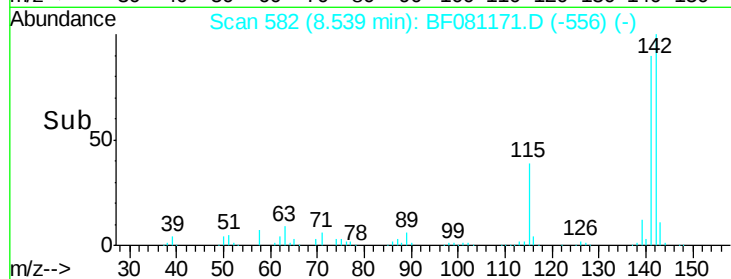
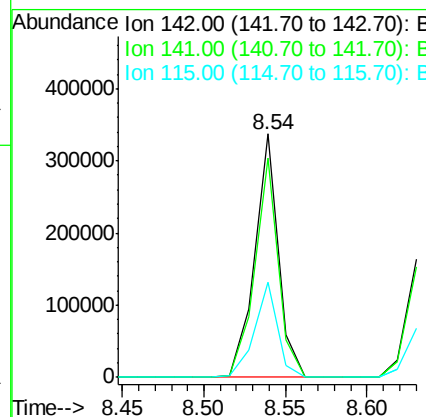
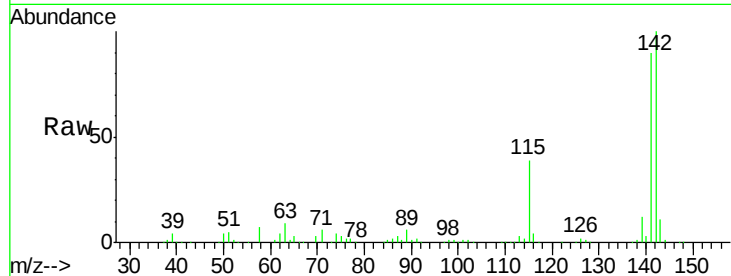




#37
 2-Methylnaphthalene
 Concen: 36.36 ng
 RT: 8.54 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

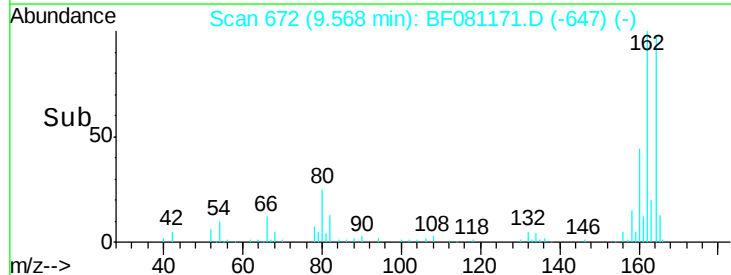
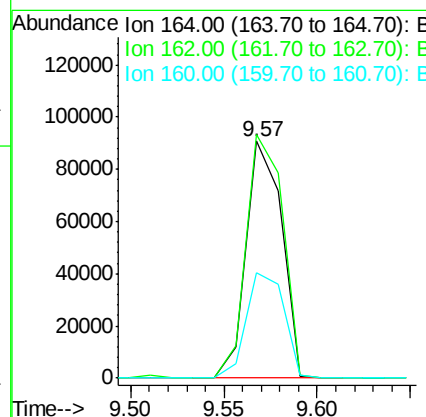
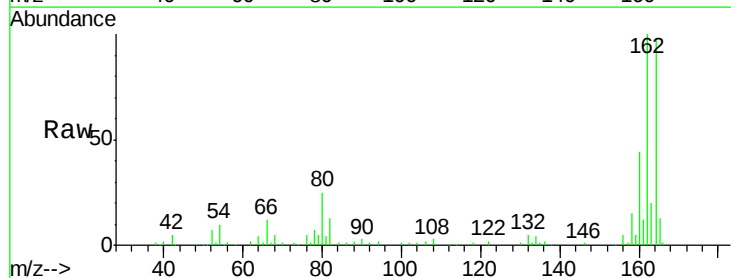
Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

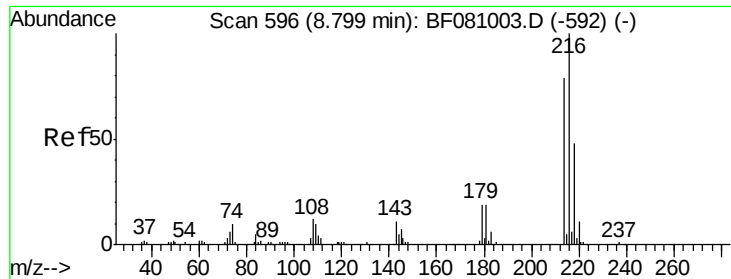
Tgt Ion:142 Resp: 339597
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.4 107.2
 115 38.9 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Tgt Ion:164 Resp: 120080
 Ion Ratio Lower Upper
 164 100
 162 102.8 83.8 125.8
 160 44.8 39.8 59.8

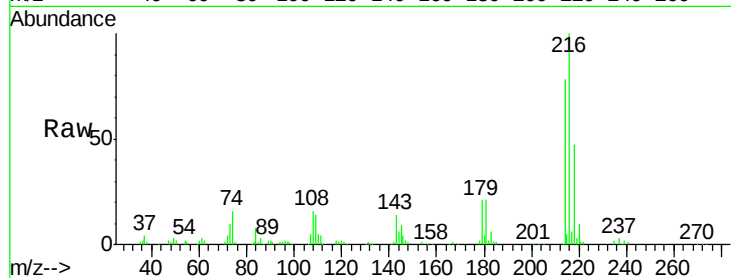




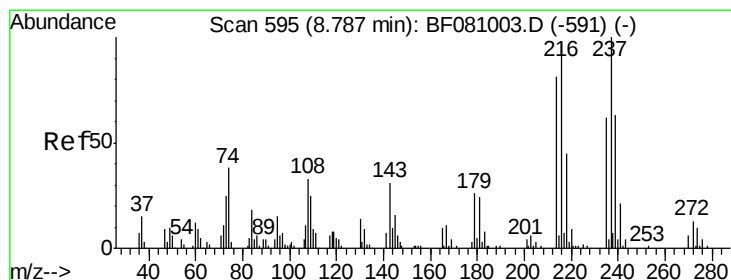
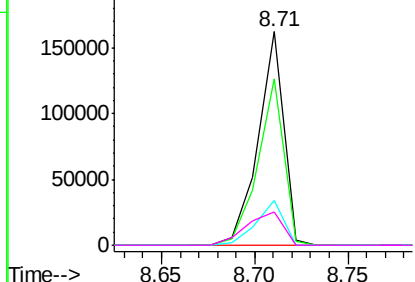
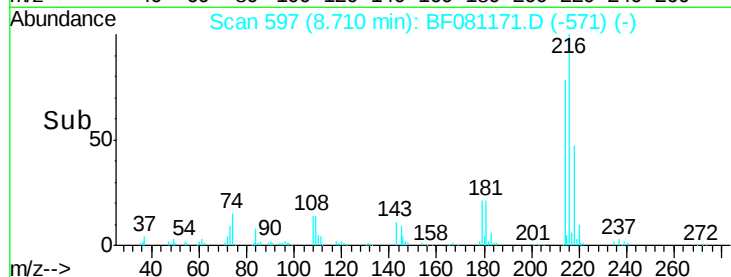
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.60 ng
 RT: 8.71 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

Tgt Ion:	216	Resp:	153417
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.8
179	22.2	17.8	26.8
108	22.6	16.2	24.2

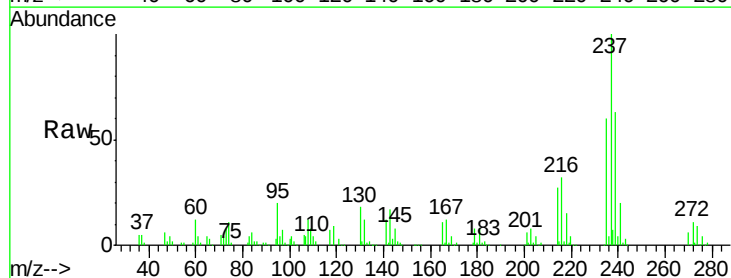


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

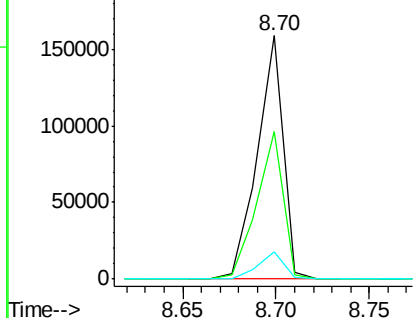
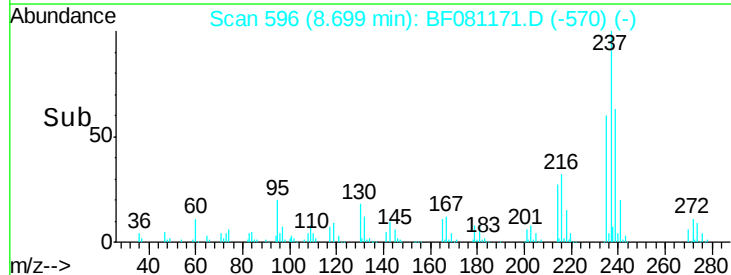


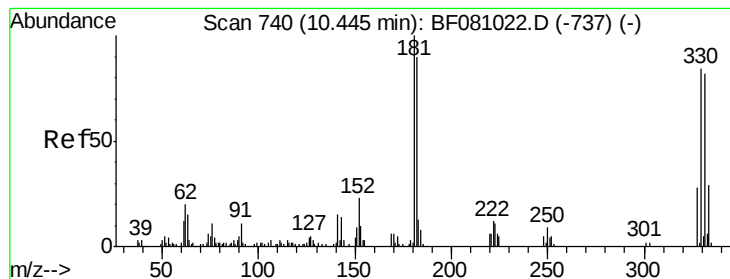
#40
 Hexachlorocyclopentadiene
 Concen: 77.38 ng
 RT: 8.70 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Tgt Ion:	237	Resp:	155169
Ion	Ratio	Lower	Upper
237	100		
235	60.4	43.6	83.6
272	11.2	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





#41

2,4,6-Tribromophenol

Concen: 104.84 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85031BS

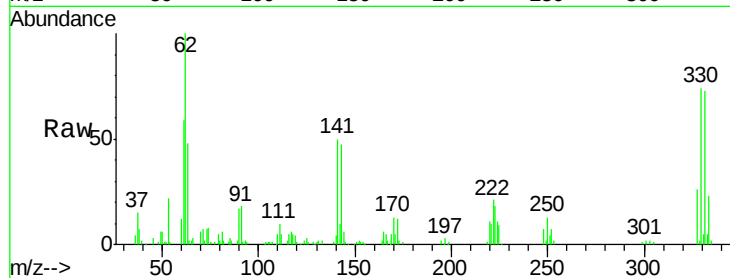
Tgt Ion:330 Resp: 109125

Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

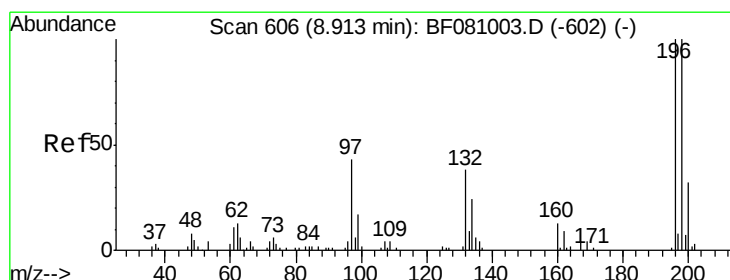
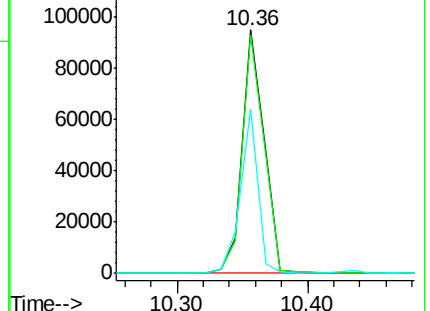
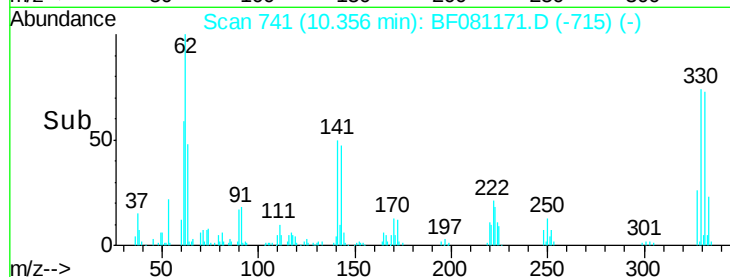
141 54.1 44.9 67.3



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: 41.33 ng

RT: 8.82 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

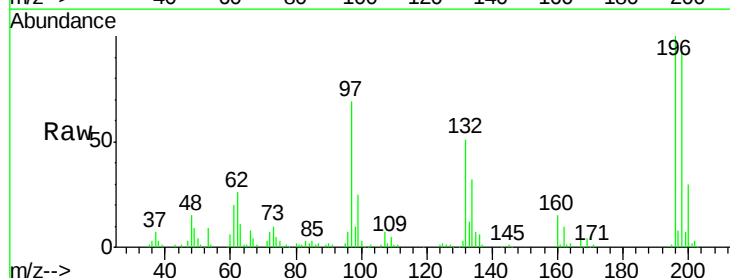
Tgt Ion:196 Resp: 113110

Ion Ratio Lower Upper

196 100

198 93.4 74.6 111.8

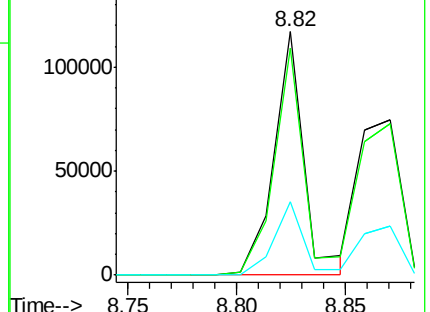
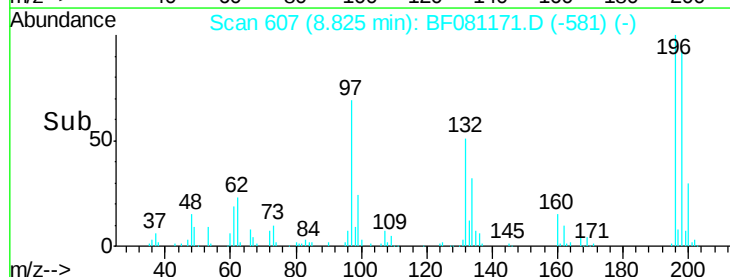
200 30.0 22.7 34.1



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

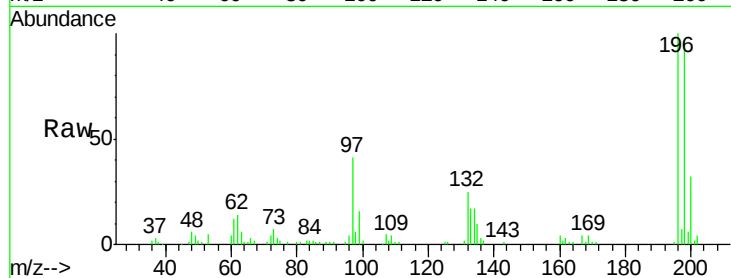




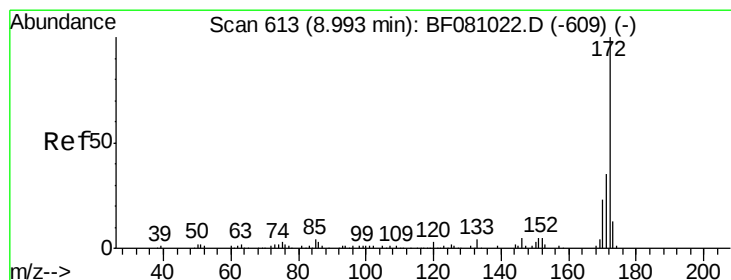
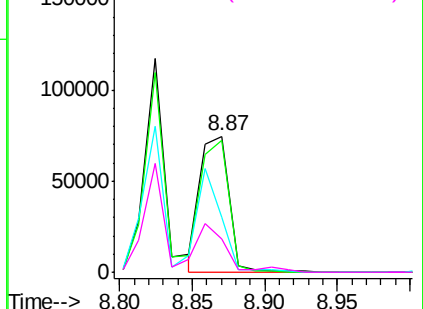
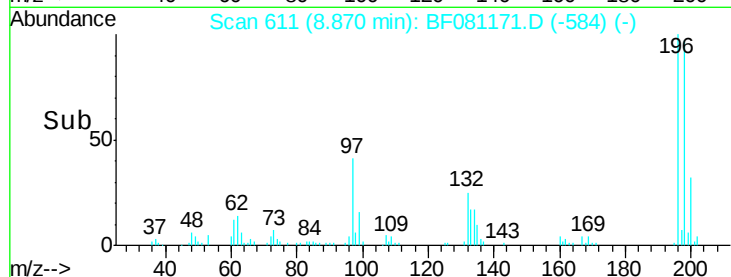
#43
 2,4,5-Trichlorophenol
 Concen: 37.80 ng
 RT: 8.87 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

Tgt Ion	Resp	Lower	Upper
196	103405		
198	97.5	78.3	117.5
97	41.0	42.7	64.1#
132	24.8	23.3	34.9

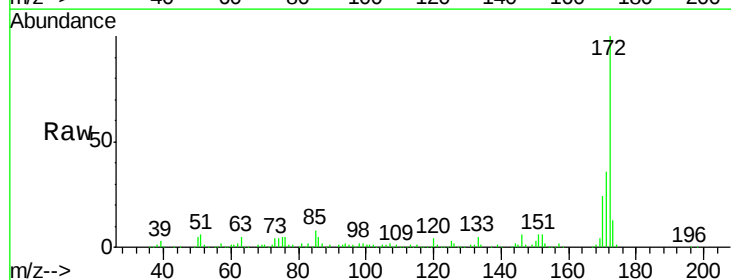


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

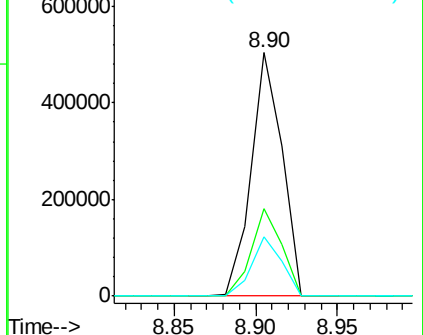
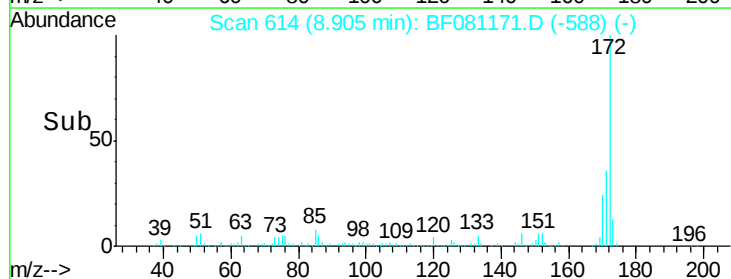


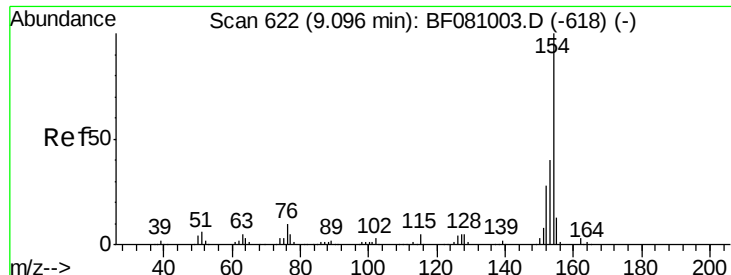
#44
 2-Fluorobiphenyl
 Concen: 72.28 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Tgt Ion	Resp	Lower	Upper
172	662397		
171	36.0	28.9	43.3
170	24.3	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: 42.64 ng

RT: 9.01 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85031BS

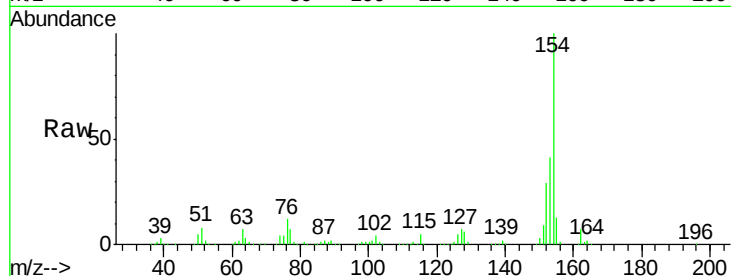
Tgt Ion:154 Resp: 451020

Ion Ratio Lower Upper

154 100

153 41.0 19.5 59.5

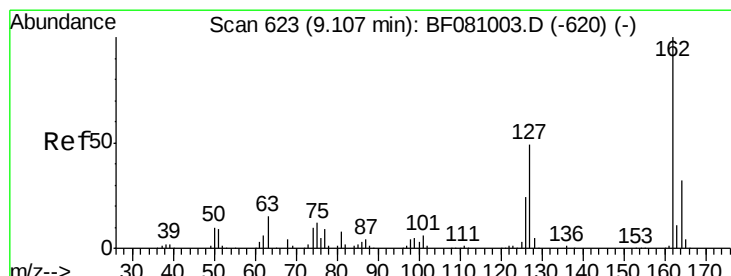
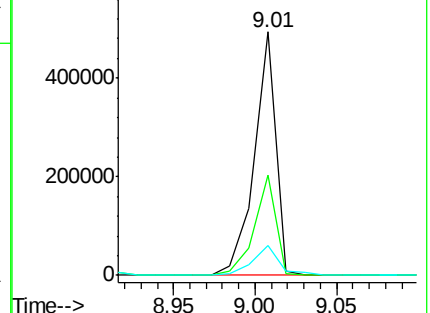
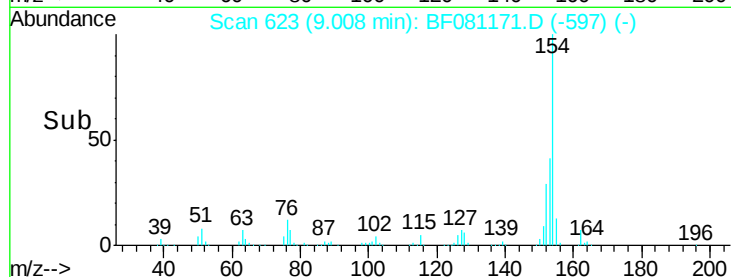
76 12.5 0.0 29.3



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: 36.76 ng

RT: 9.03 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

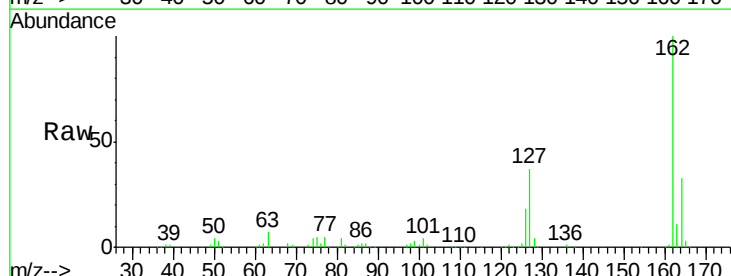
Tgt Ion:162 Resp: 312361

Ion Ratio Lower Upper

162 100

127 37.1 31.3 46.9

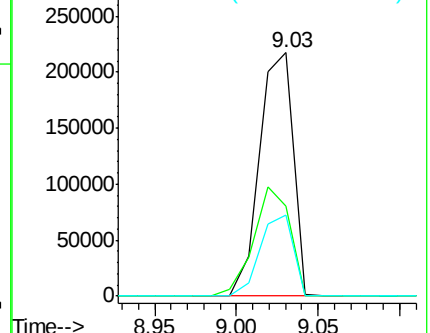
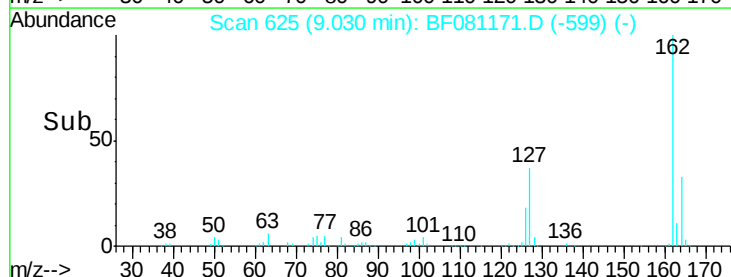
164 33.2 26.3 39.5



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

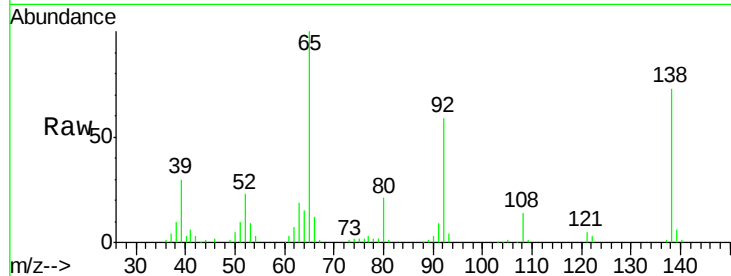




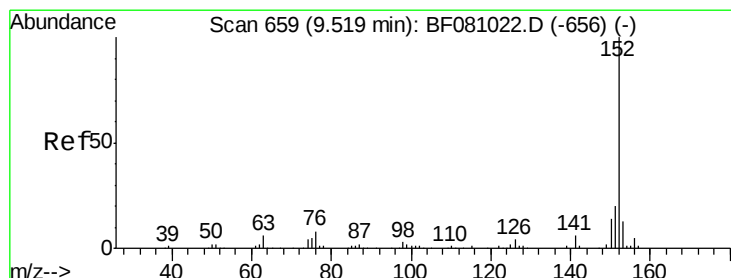
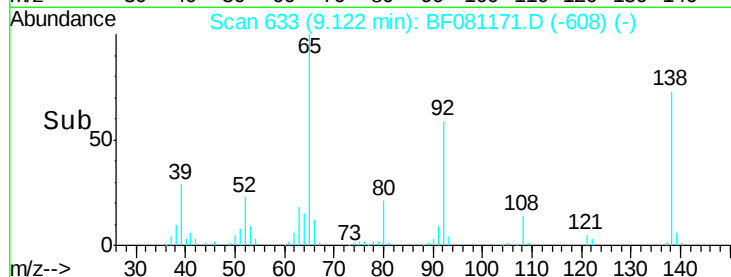
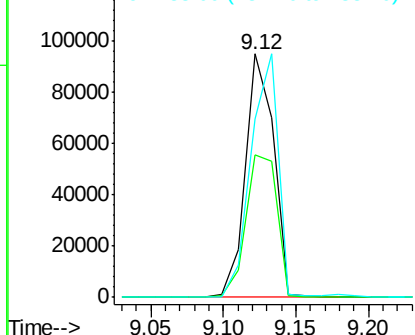
#47
 2-Nitroaniline
 Concen: 36.72 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

Tgt Ion: 65 Resp: 127692
 Ion Ratio Lower Upper
 65 100
 92 58.8 45.6 68.4
 138 73.2 57.9 86.9

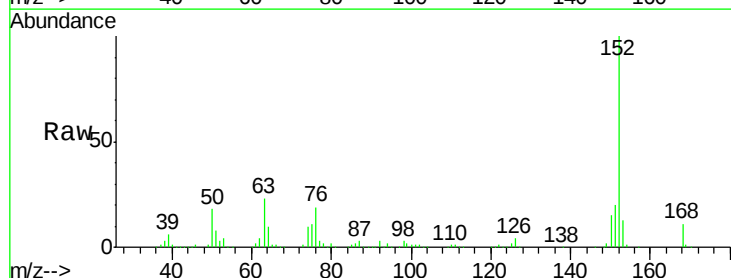


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

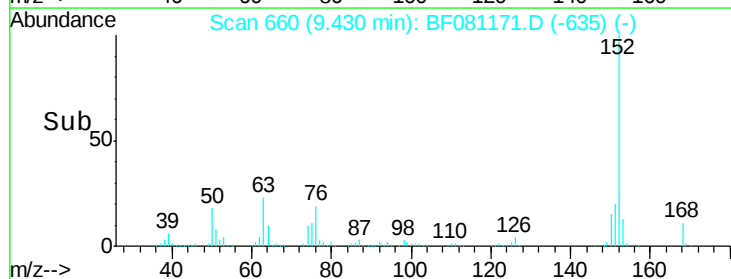
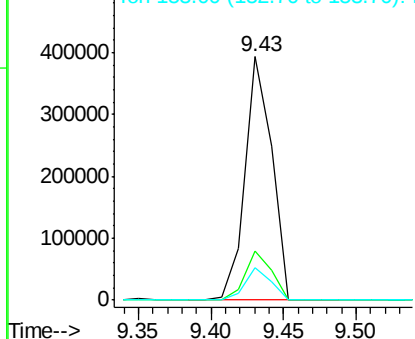


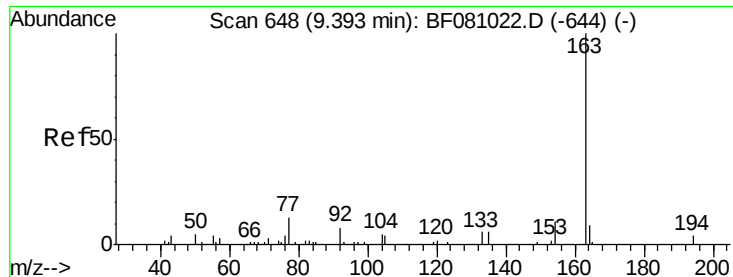
#48
 Acenaphthylene
 Concen: 33.03 ng
 RT: 9.43 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Tgt Ion: 152 Resp: 502058
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.1 24.1
 153 13.4 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: 36.08 ng

RT: 9.32 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85031BS

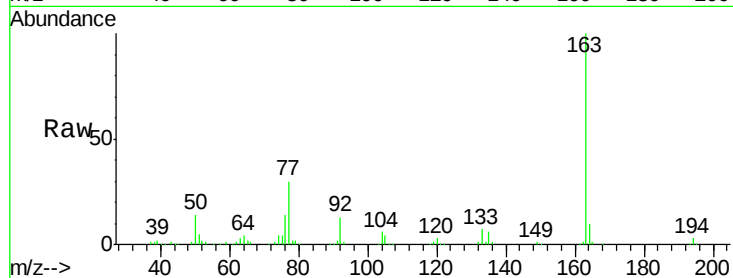
Tgt Ion:163 Resp: 356761

Ion Ratio Lower Upper

163 100

194 3.0 2.5 3.7

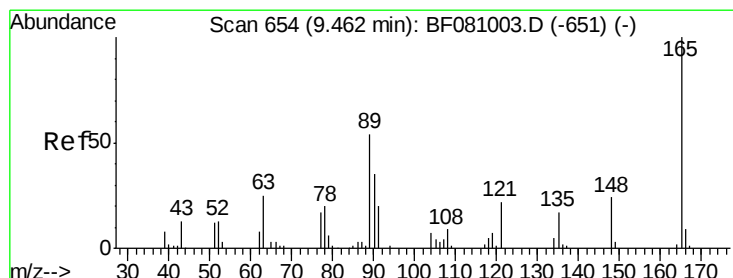
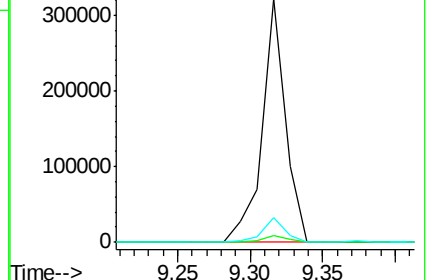
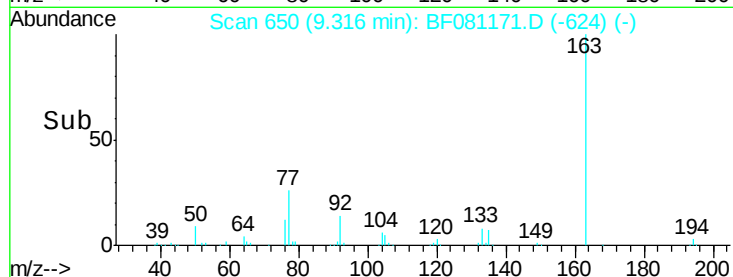
164 10.1 8.1 12.1



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: 37.76 ng

RT: 9.37 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

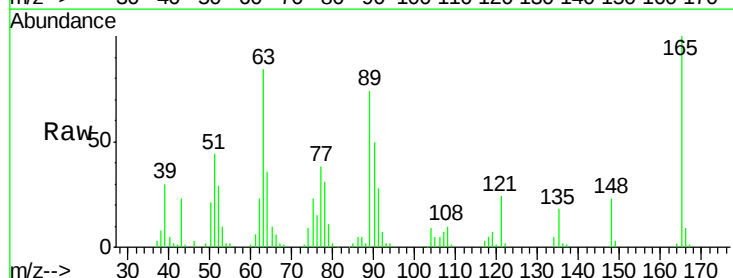
Tgt Ion:165 Resp: 80163

Ion Ratio Lower Upper

165 100

63 83.6 49.5 74.3#

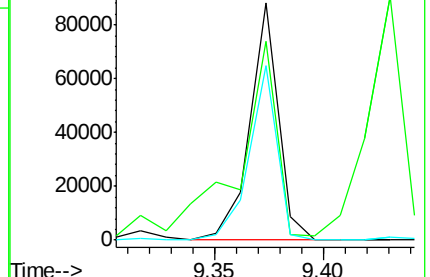
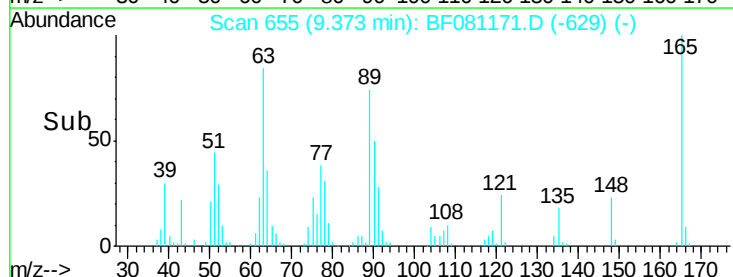
89 73.7 47.6 71.4#

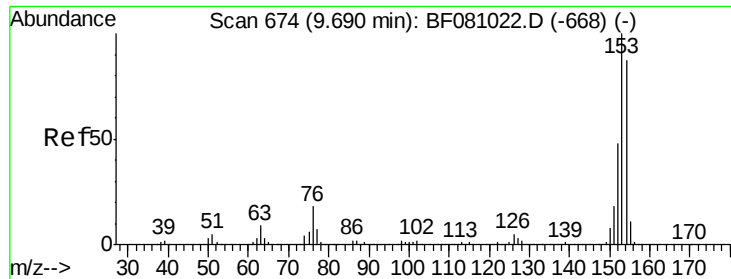


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 32.92 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85031BS

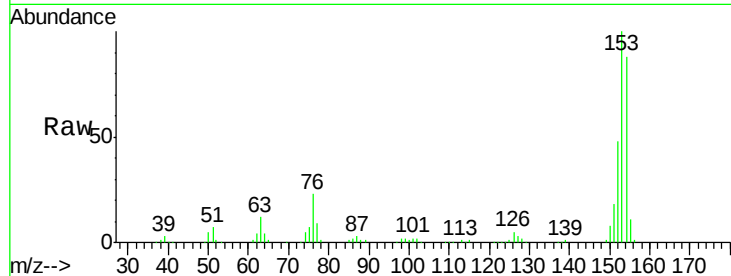
Tgt Ion:154 Resp: 299597

Ion Ratio Lower Upper

154 100

153 113.6 91.4 137.2

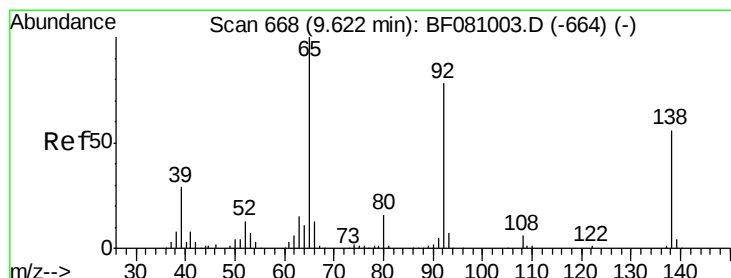
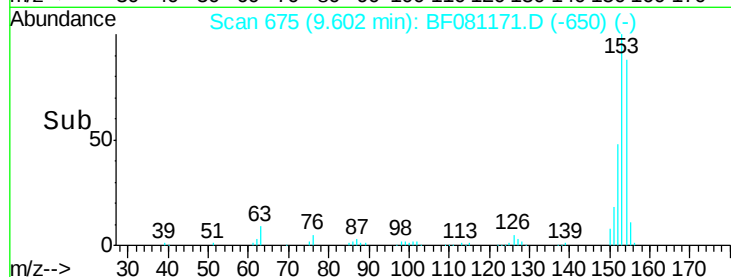
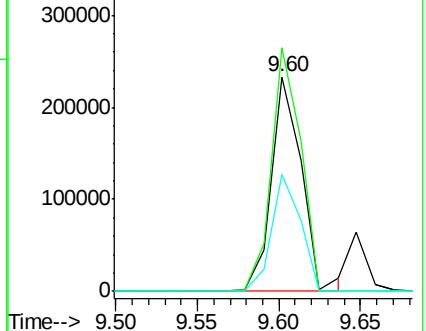
152 54.7 43.7 65.5



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: 23.07 ng

RT: 9.53 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

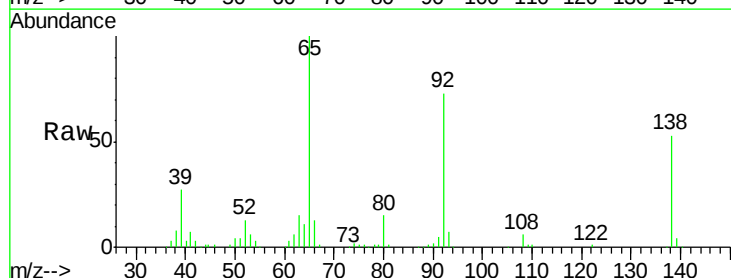
Tgt Ion:138 Resp: 61296

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.2

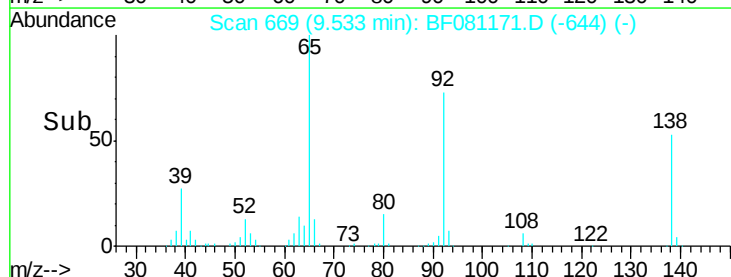
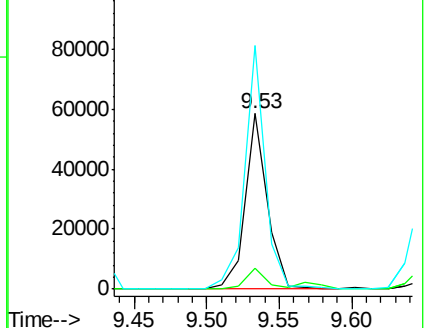
92 138.9 113.2 169.8

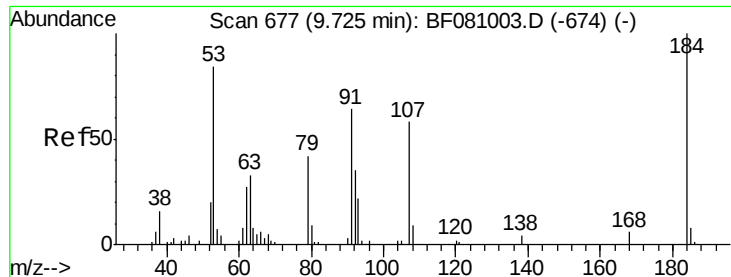


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

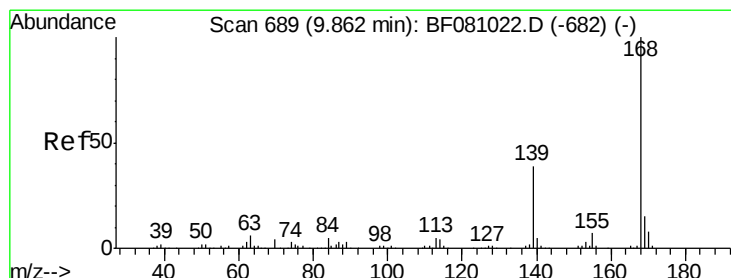
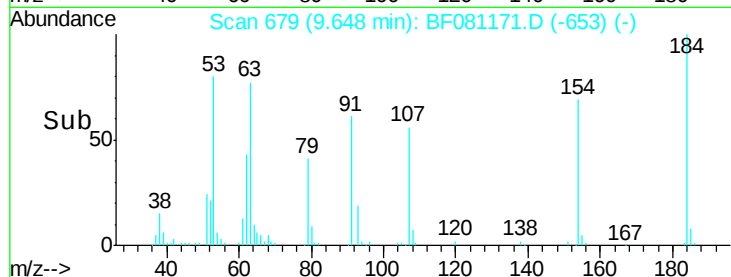
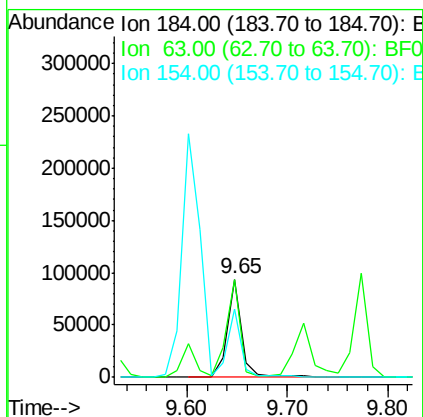
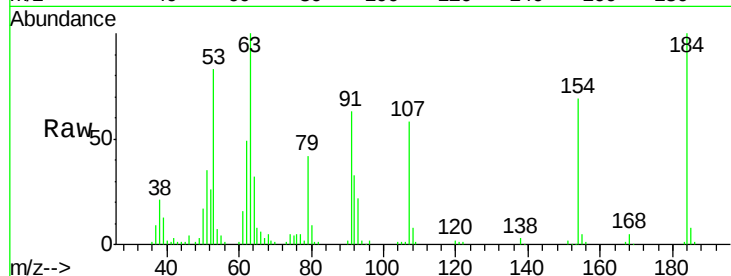




#53
 2,4-Dinitrophenol
 Concen: 79.01 ng
 RT: 9.65 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

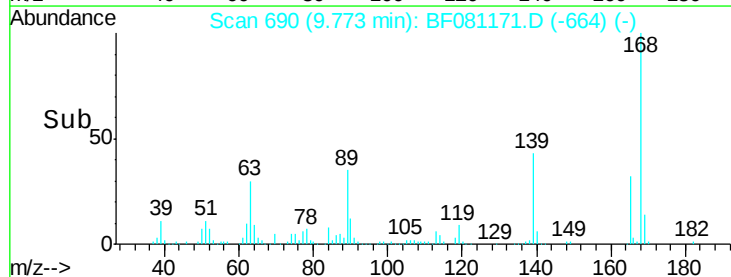
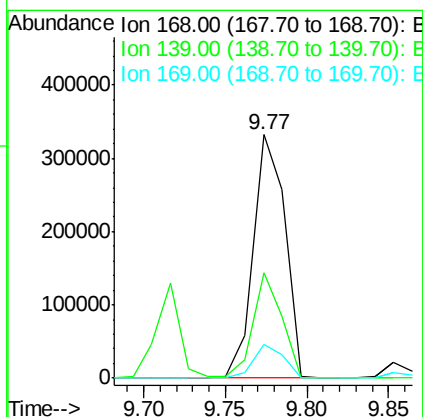
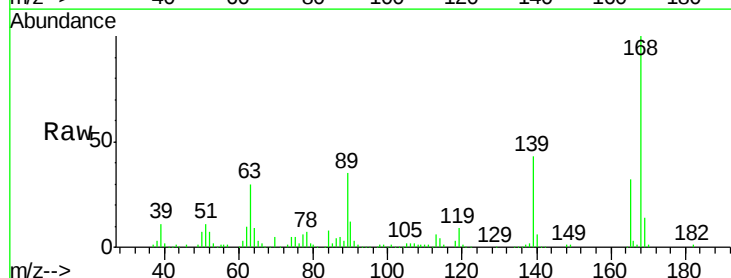
Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

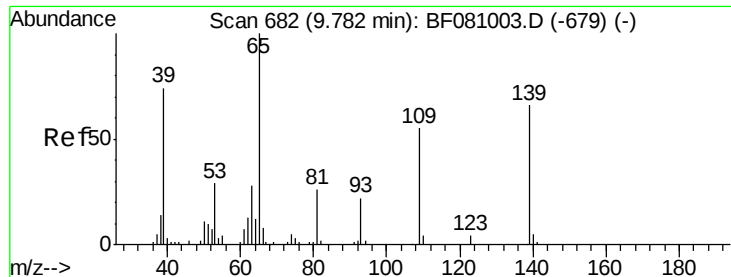
Tgt Ion:184 Resp: 93432
 Ion Ratio Lower Upper
 184 100
 63 99.6 101.7 152.5#
 154 69.2 67.4 101.0



#54
 Dibenzofuran
 Concen: 36.72 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Tgt Ion:168 Resp: 447789
 Ion Ratio Lower Upper
 168 100
 139 43.4 29.3 43.9
 169 14.1 10.3 15.5





#55

4-Nitrophenol

Concen: 72.20 ng

RT: 9.72 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85031BS

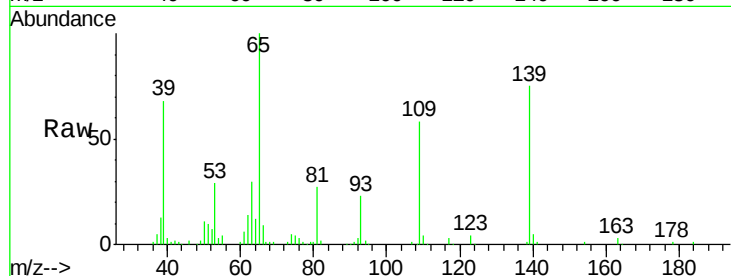
Tgt Ion:139 Resp: 134743

Ion Ratio Lower Upper

139 100

109 78.1 80.0 120.0#

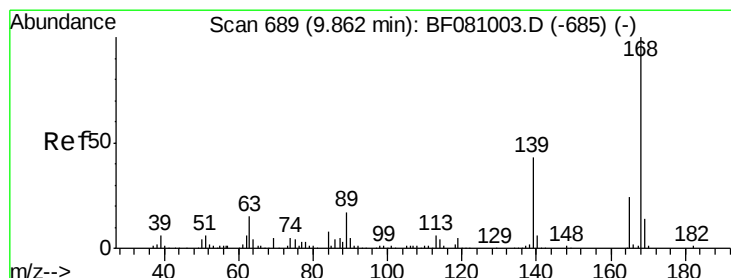
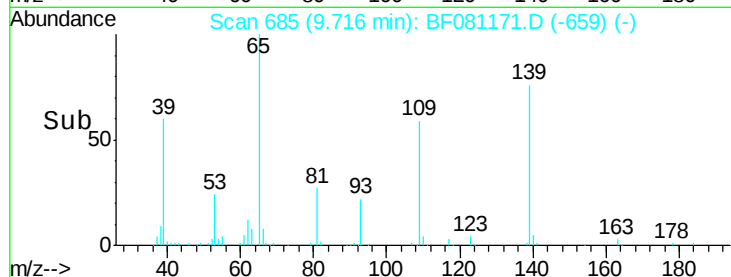
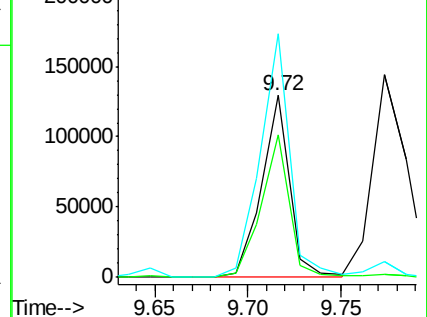
65 133.7 138.3 178.3#



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): E



#56

2,4-Dinitrotoluene

Concen: 35.31 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Tgt Ion:165 Resp: 99364

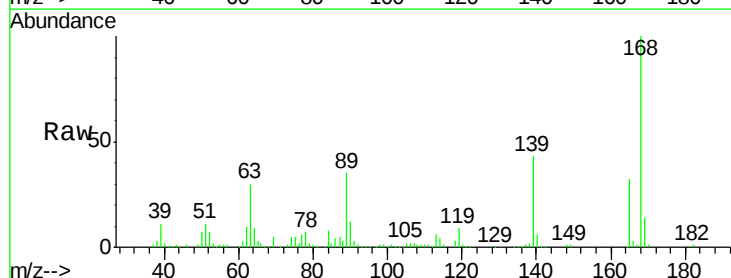
Ion Ratio Lower Upper

165 100

63 95.0 52.2 78.4#

89 110.5 60.1 90.1#

182 1.8 1.8 2.6

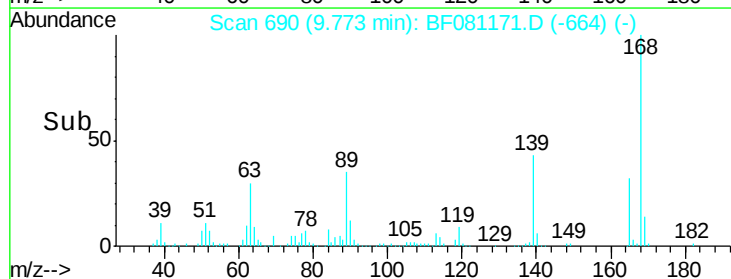
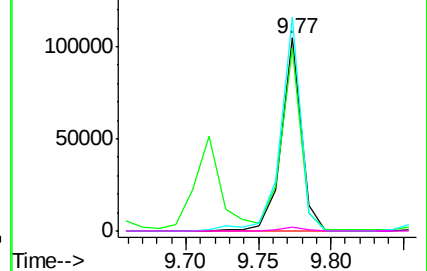


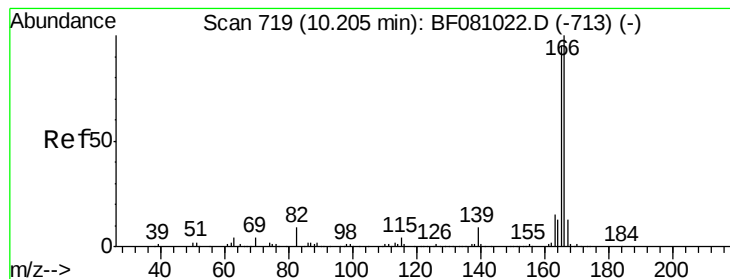
Abundance Ion 165.00 (164.70 to 165.70): E

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: 36.32 ng

RT: 10.12 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85031BS

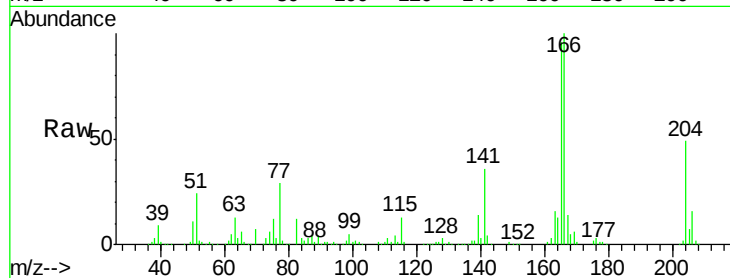
Tgt Ion:166 Resp: 340702

Ion Ratio Lower Upper

166 100

165 96.0 75.8 113.8

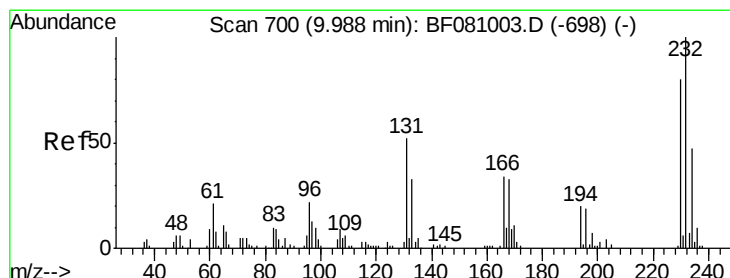
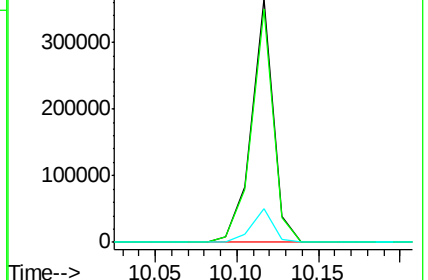
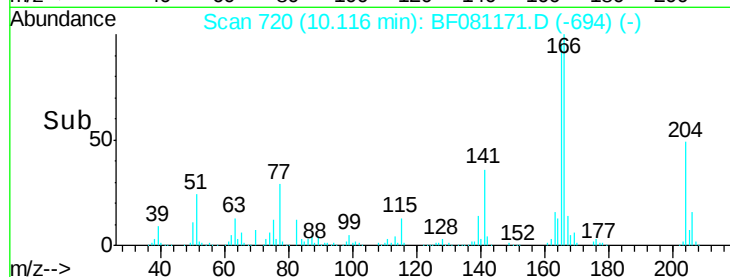
167 14.1 11.3 16.9



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: 39.51 ng

RT: 9.85 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Tgt Ion:232 Resp: 83660

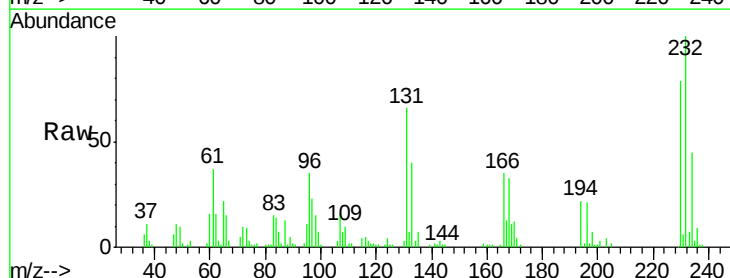
Ion Ratio Lower Upper

232 100

131 49.5 42.2 63.4

130 2.3 2.1 3.1

166 27.9 22.4 33.6

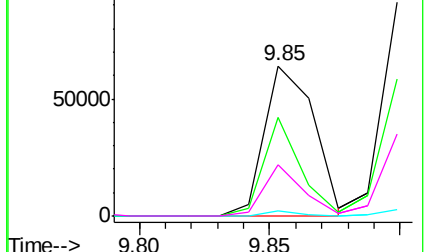
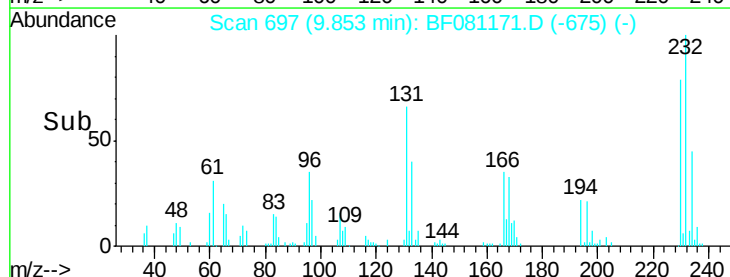


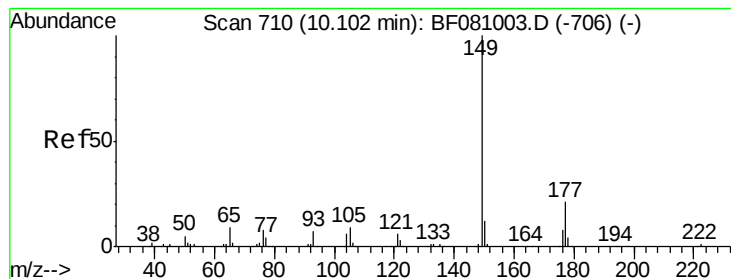
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.43 ng

RT: 10.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85031BS

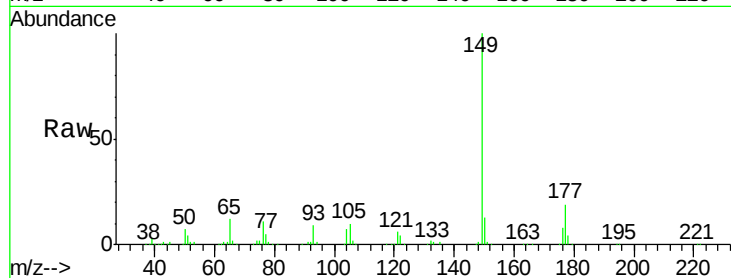
Tgt Ion:149 Resp: 391766

Ion Ratio Lower Upper

149 100

177 19.2 14.1 21.1

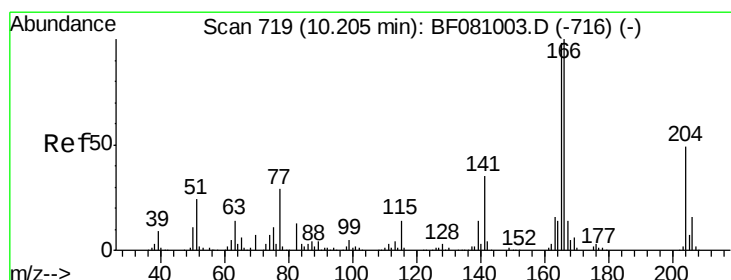
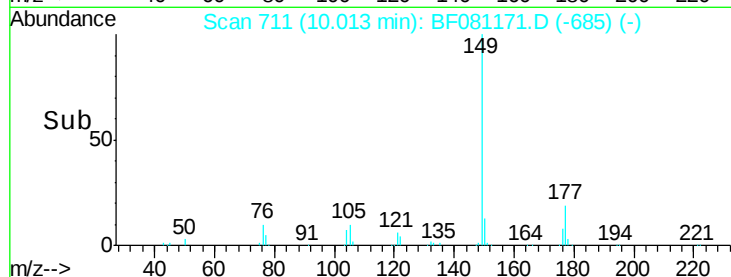
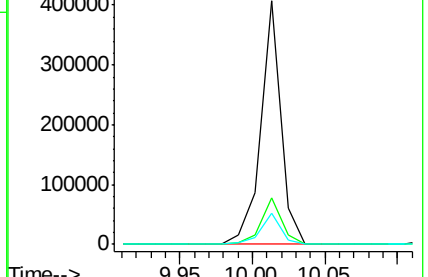
150 12.5 10.3 15.5



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: 39.49 ng

RT: 10.12 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

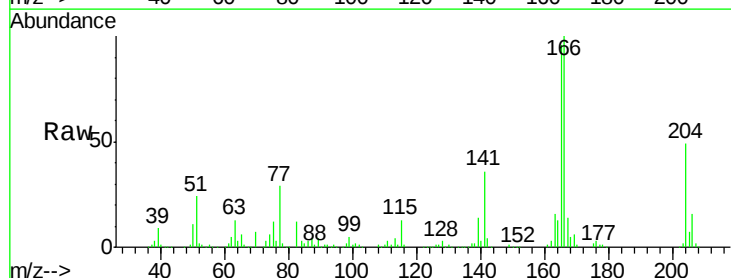
Tgt Ion:204 Resp: 156769

Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.2

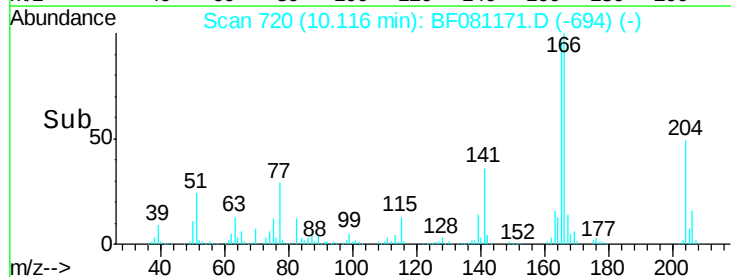
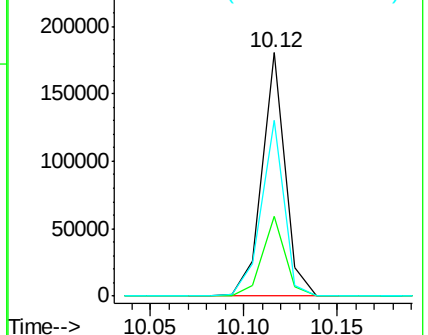
141 72.3 59.6 89.4

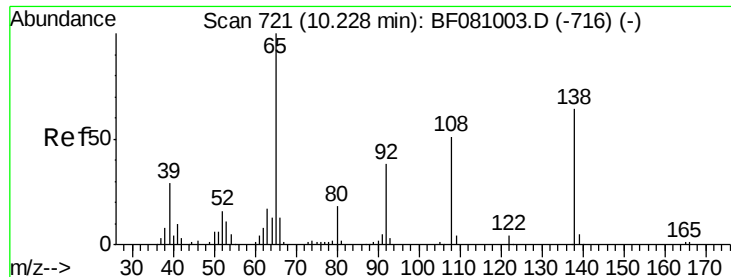


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

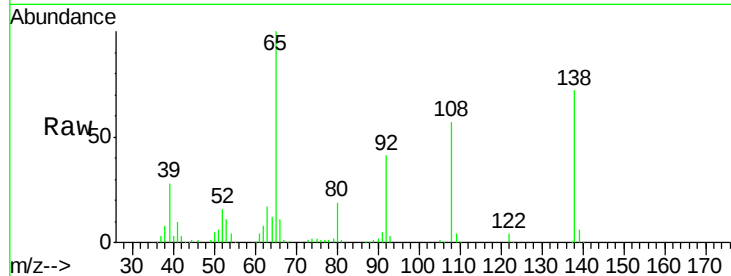




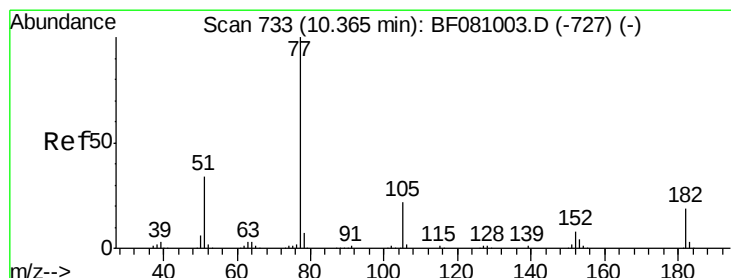
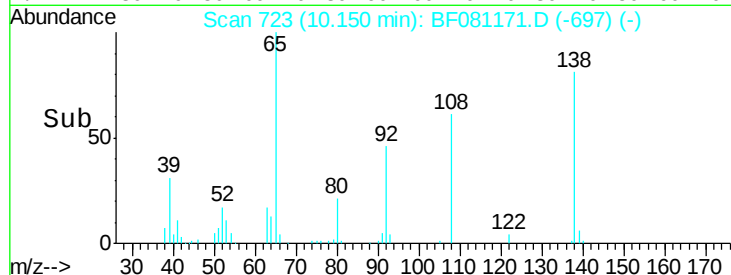
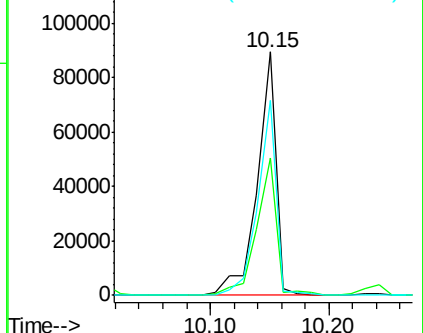
#61
4-Nitroaniline
Concen: 36.77 ng
RT: 10.15 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF081171.D
Acq: 24 Aug 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB85031BS

Tgt Ion:138 Resp: 99845
Ion Ratio Lower Upper
138 100
92 56.6 34.7 74.7
108 79.9 68.9 108.9

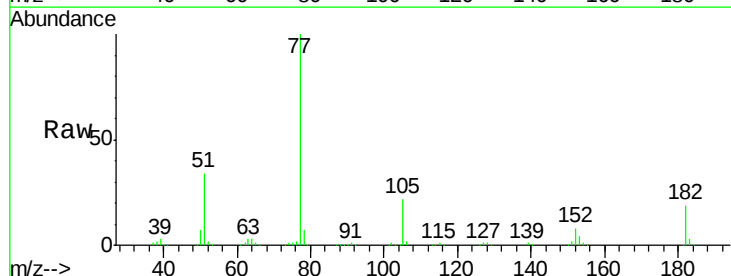


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

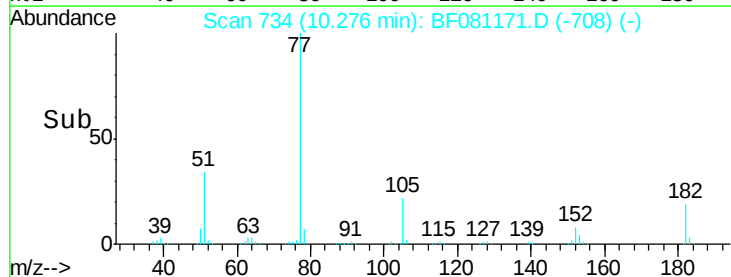
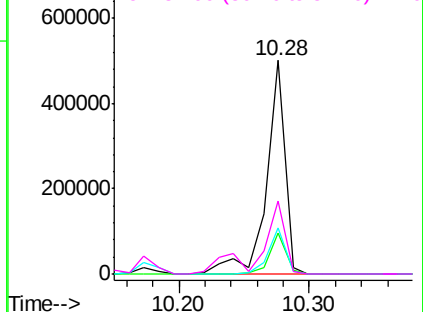


#62
Azobenzene
Concen: 42.10 ng
RT: 10.28 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF081171.D
Acq: 24 Aug 2015 16:02

Tgt Ion: 77 Resp: 507844
Ion Ratio Lower Upper
77 100
182 19.3 0.0 39.0
105 21.6 0.2 40.2
51 34.1 18.0 58.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

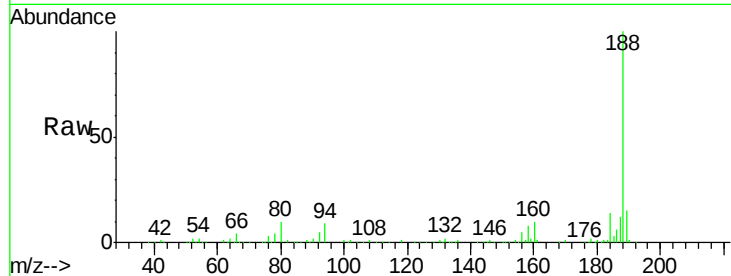




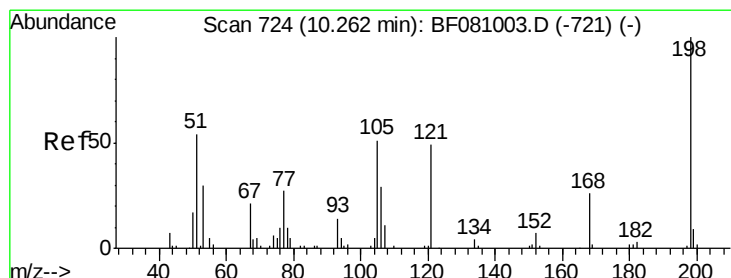
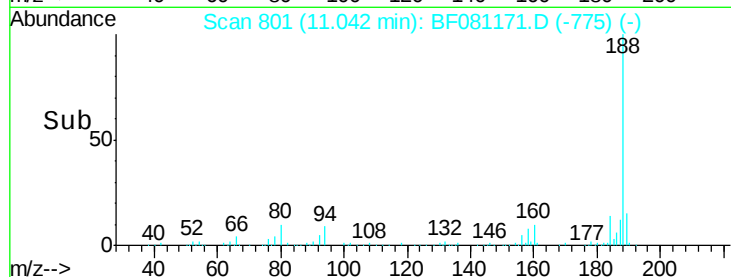
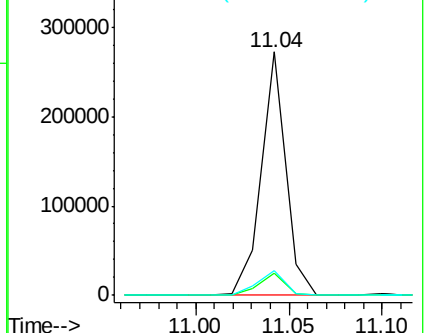
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF081171.D
Acq: 24 Aug 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB85031BS

Tgt Ion:188 Resp: 247750
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 10.2 9.5 14.3

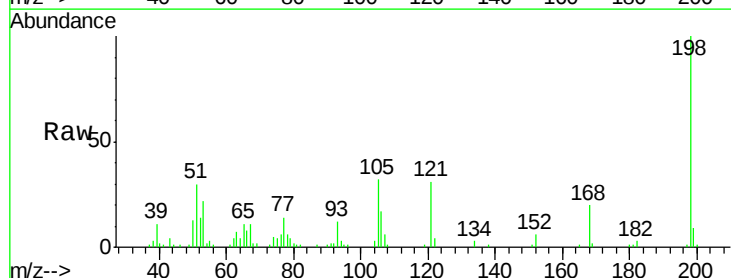


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

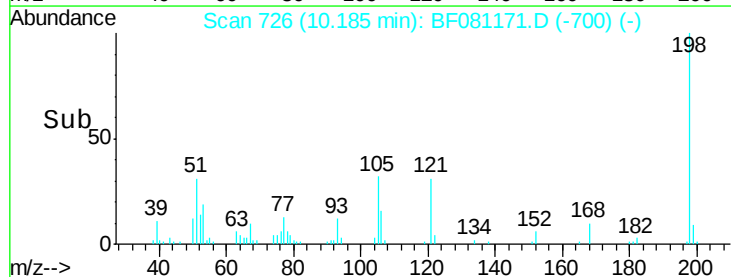
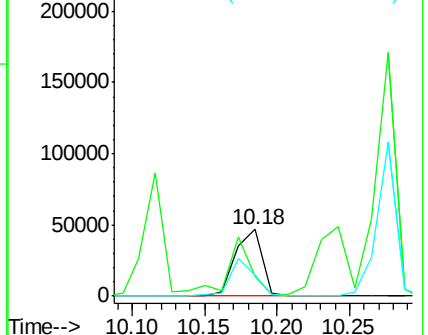


#64
4,6-Dinitro-2-methylphenol
Concen: 40.95 ng
RT: 10.18 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF081171.D
Acq: 24 Aug 2015 16:02

Tgt Ion:198 Resp: 60585
Ion Ratio Lower Upper
198 100
51 30.2 79.7 119.7#
105 31.8 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

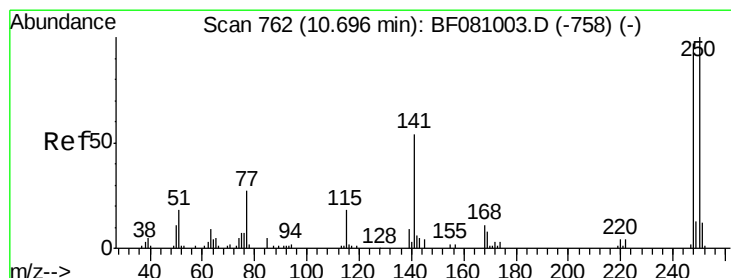
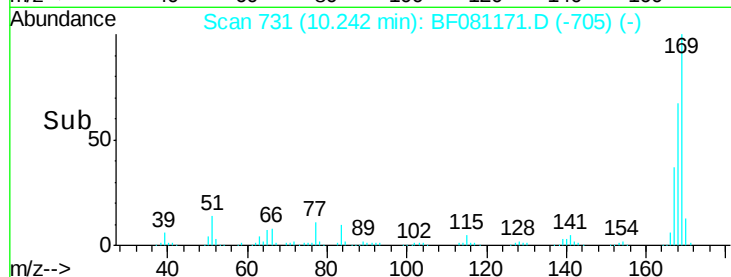
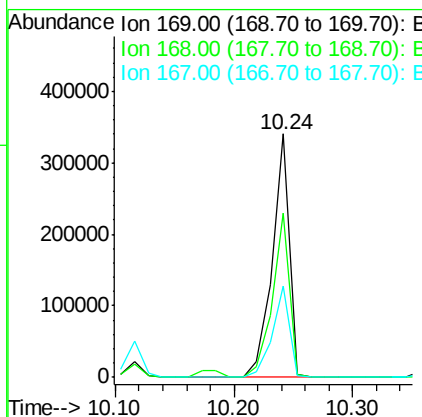
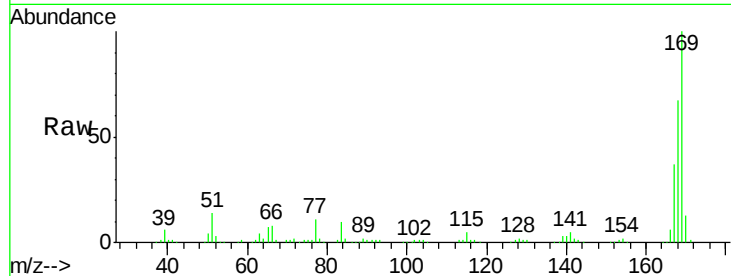




#65
 n-Nitrosodiphenylamine
 Concen: 38.88 ng
 RT: 10.24 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

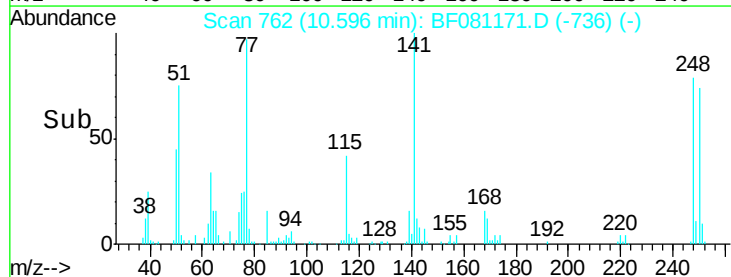
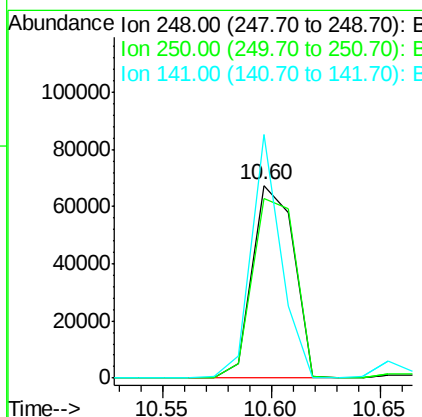
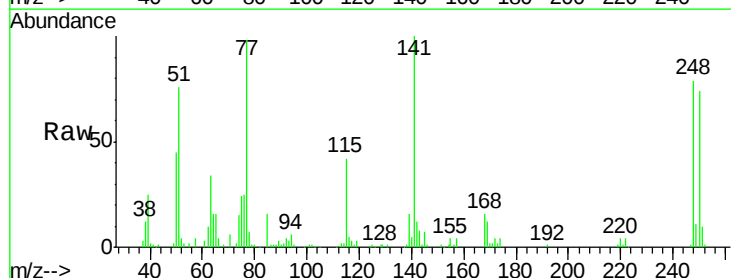
Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

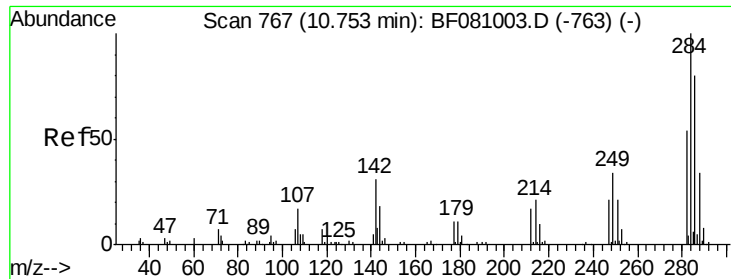
Tgt Ion:169 Resp: 343876
 Ion Ratio Lower Upper
 169 100
 168 67.4 55.3 82.9
 167 37.2 30.8 46.2



#66
 4-Bromophenyl-phenylether
 Concen: 36.89 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Tgt Ion:248 Resp: 89791
 Ion Ratio Lower Upper
 248 100
 250 93.2 77.8 116.6
 141 126.2 39.8 59.6#

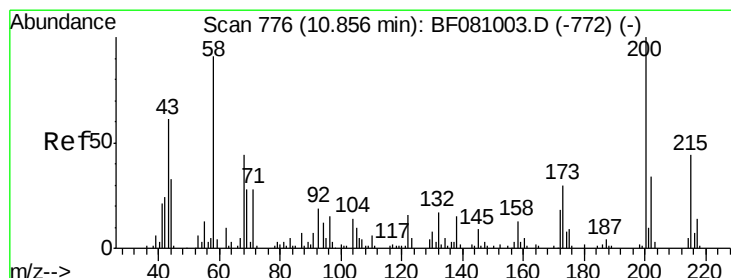
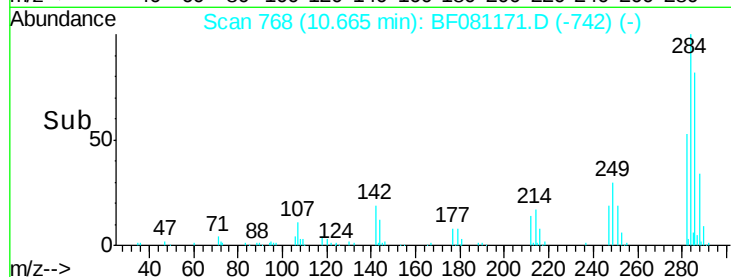
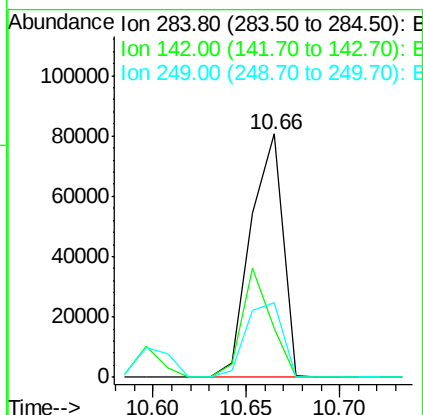
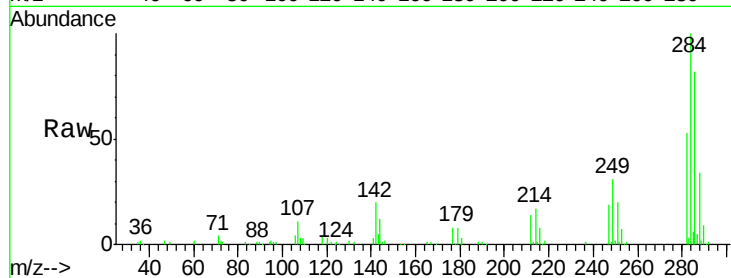




#67
Hexachlorobenzene
Concen: 39.12 ng
RT: 10.66 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF081171.D
Acq: 24 Aug 2015 16:02

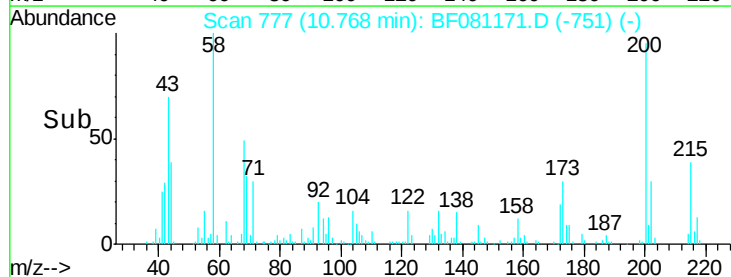
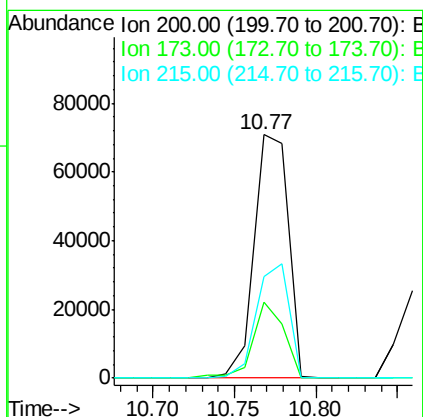
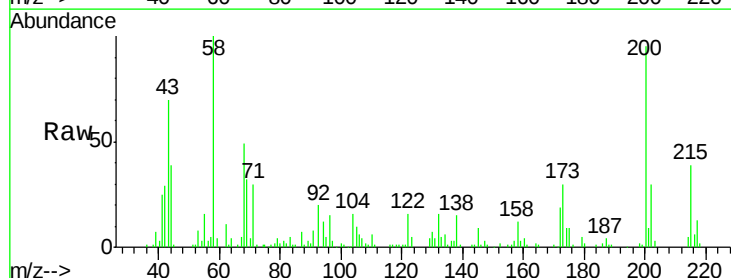
Instrument :
BNA_F
ClientSampled :
PB85031BS

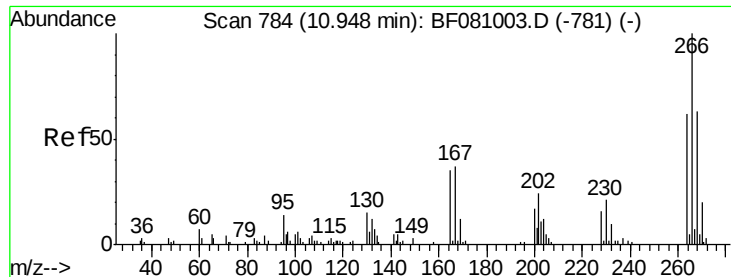
Tgt Ion:284 Resp: 96436
Ion Ratio Lower Upper
284 100
142 20.2 25.4 38.0#
249 30.6 28.5 42.7



#68
Atrazine
Concen: 41.68 ng
RT: 10.77 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF081171.D
Acq: 24 Aug 2015 16:02

Tgt Ion:200 Resp: 102710
Ion Ratio Lower Upper
200 100
173 31.4 8.1 48.1
215 41.5 23.3 63.3

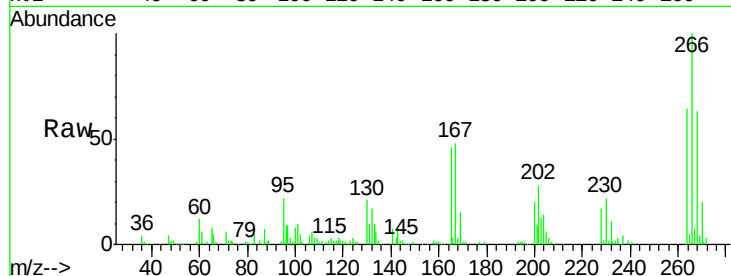




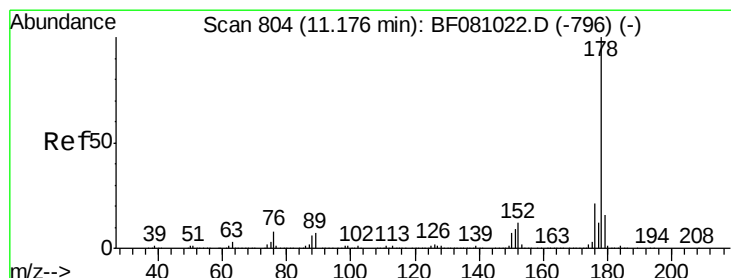
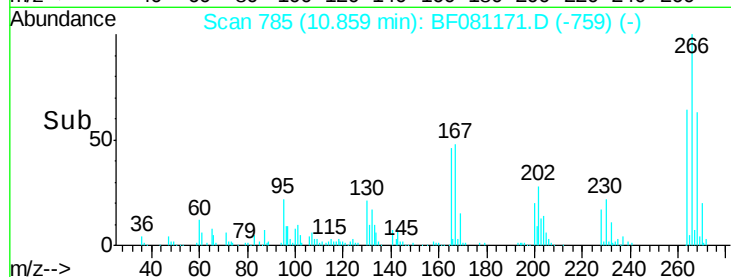
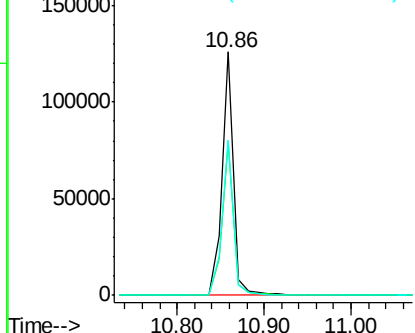
#69
 Pentachlorophenol
 Concen: 79.95 ng
 RT: 10.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

Tgt Ion:266 Resp: 118242
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.2 76.8
 264 64.0 50.6 75.8

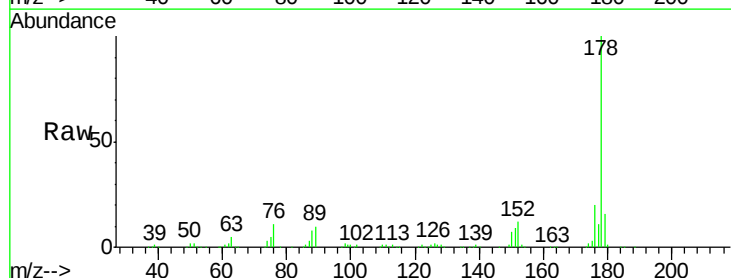


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

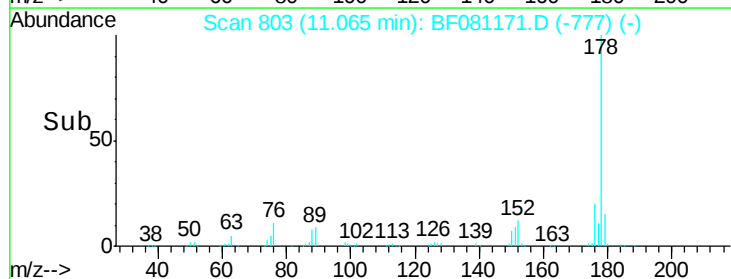
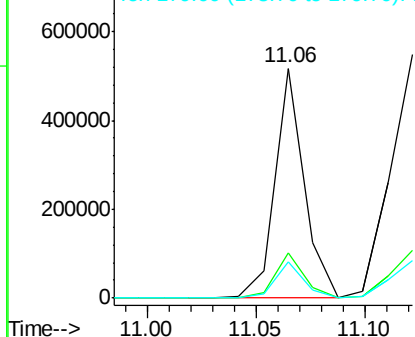


#70
 Phenanthrene
 Concen: 33.13 ng
 RT: 11.06 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Tgt Ion:178 Resp: 486420
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.7 23.5
 179 15.5 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: 39.95 ng

RT: 11.12 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85031BS

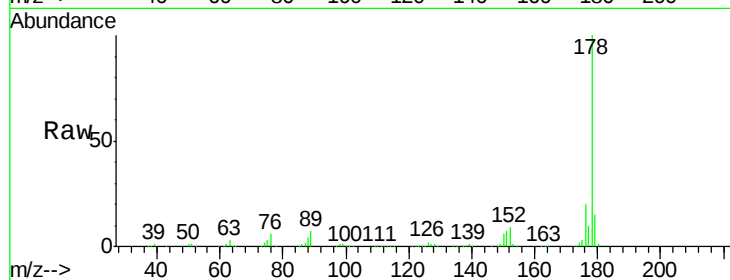
Tgt Ion:178 Resp: 570844

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

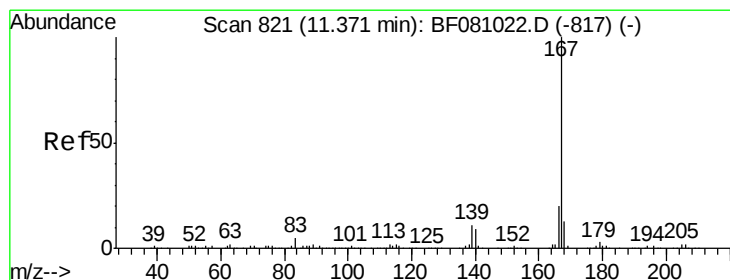
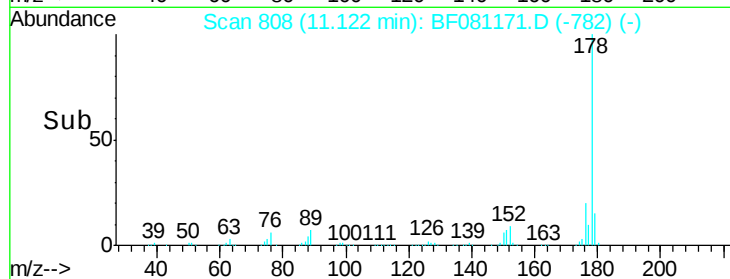
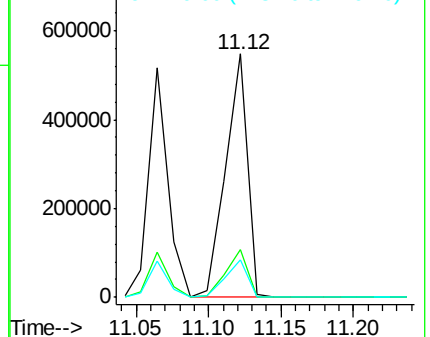
179 15.3 12.7 19.1



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: 41.40 ng

RT: 11.28 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

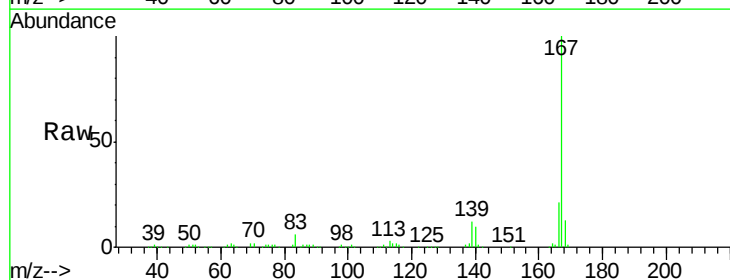
Tgt Ion:167 Resp: 569475

Ion Ratio Lower Upper

167 100

166 21.1 17.4 26.0

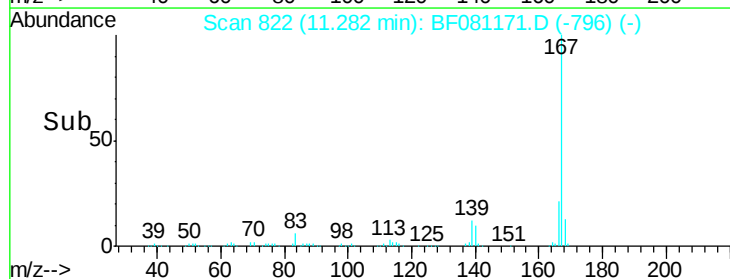
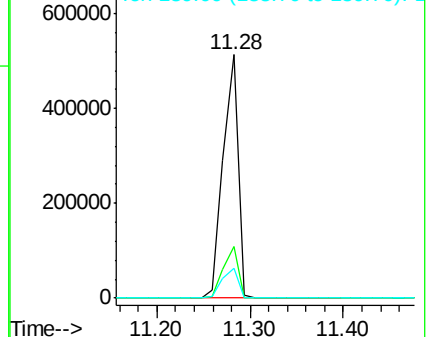
139 12.4 10.6 16.0

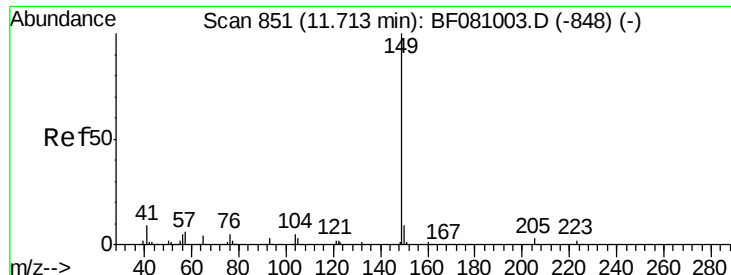


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

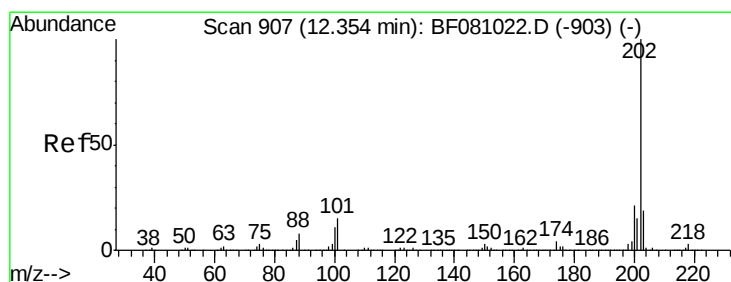
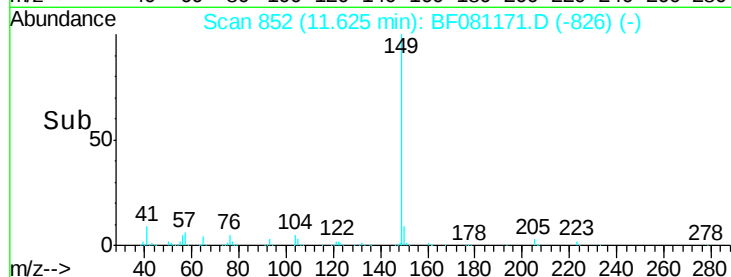
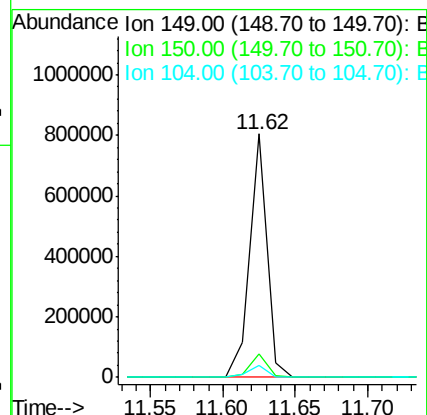
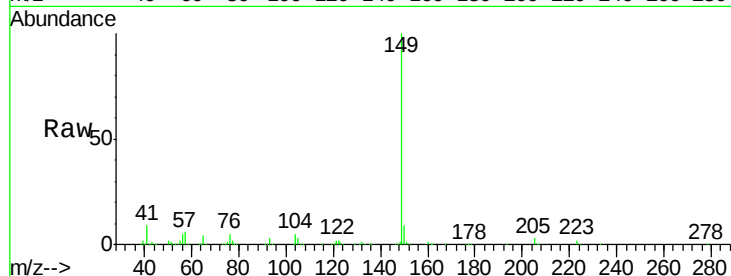




#73
Di-n-butylphthalate
Concen: 40.14 ng
RT: 11.62 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF081171.D
Acq: 24 Aug 2015 16:02

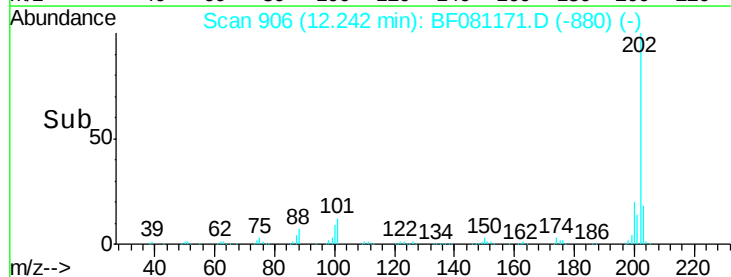
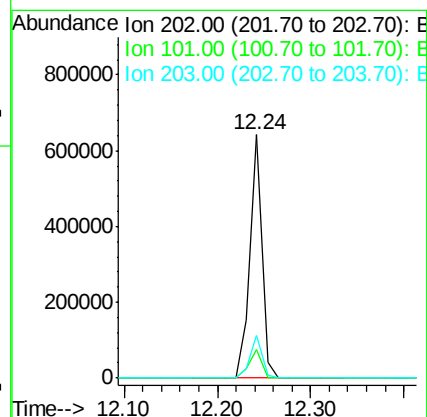
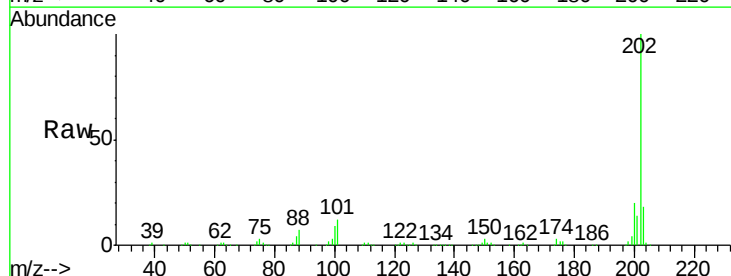
Instrument :
BNA_F
ClientSampleId :
PB85031BS

Tgt Ion:149 Resp: 668131
Ion Ratio Lower Upper
149 100
150 9.4 7.1 10.7
104 5.1 3.9 5.9



#74
Fluoranthene
Concen: 36.51 ng
RT: 12.24 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF081171.D
Acq: 24 Aug 2015 16:02

Tgt Ion:202 Resp: 578447
Ion Ratio Lower Upper
202 100
101 11.9 0.0 24.8
203 17.5 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: BF081171.D

Acq: 24 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85031BS

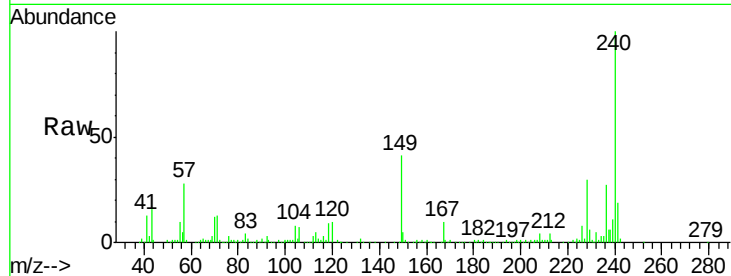
Tgt Ion:240 Resp: 216117

Ion Ratio Lower Upper

240 100

120 10.0 5.6 8.4#

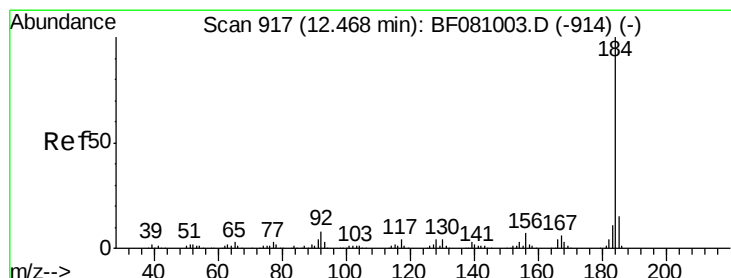
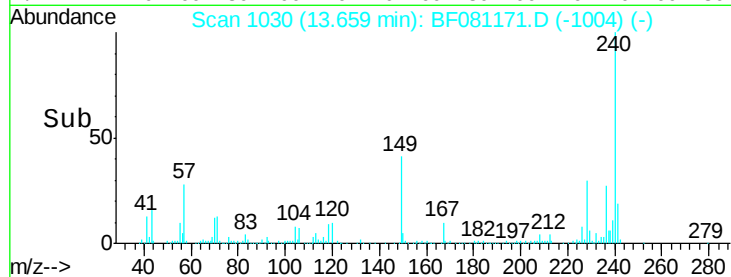
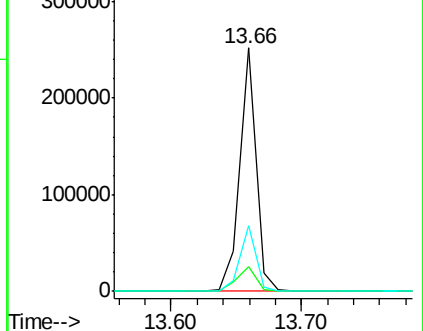
236 26.8 20.6 30.8



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: 31.99 ng

RT: 12.38 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

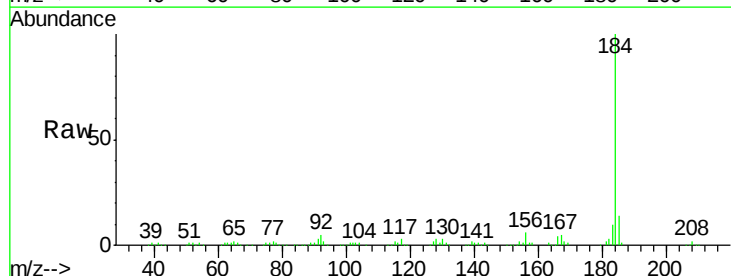
Tgt Ion:184 Resp: 261195

Ion Ratio Lower Upper

184 100

185 13.7 12.0 18.0

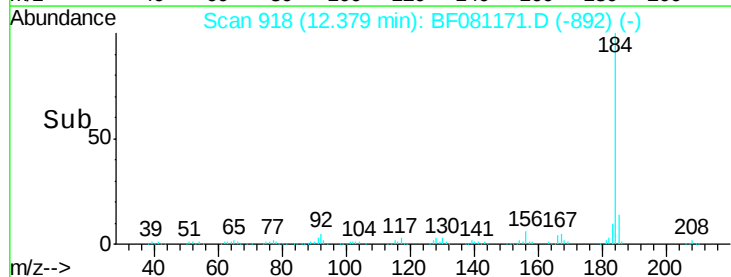
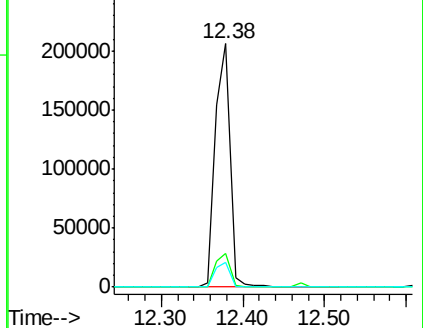
183 10.3 8.9 13.3

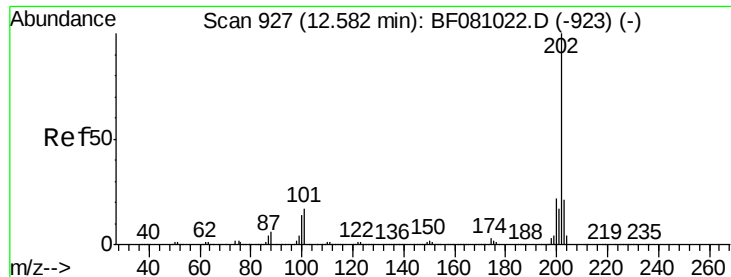


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.95 ng

RT: 12.47 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85031BS

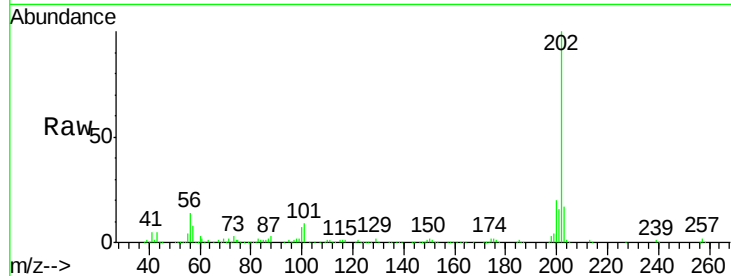
Tgt Ion:202 Resp: 631615

Ion Ratio Lower Upper

202 100

200 20.1 16.6 24.8

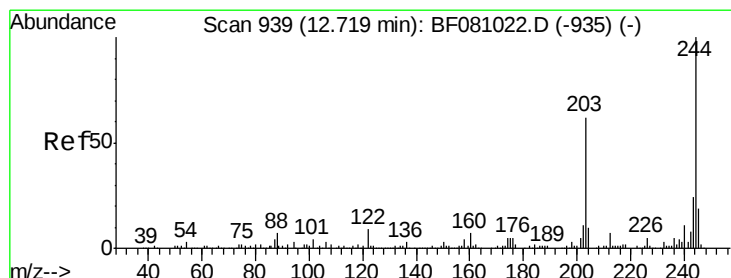
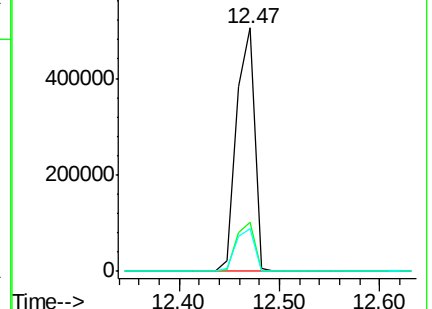
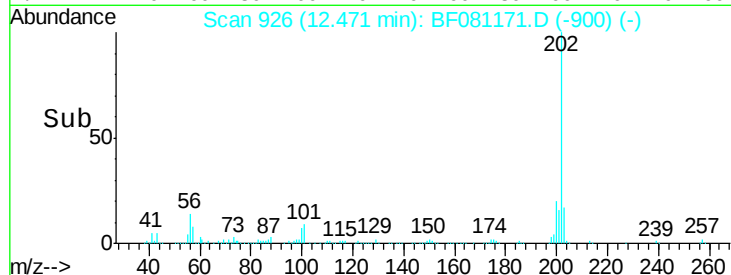
203 17.4 14.1 21.1



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: 66.37 ng

RT: 12.63 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

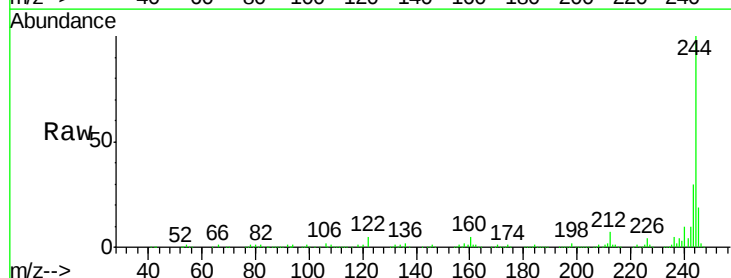
Tgt Ion:244 Resp: 669104

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

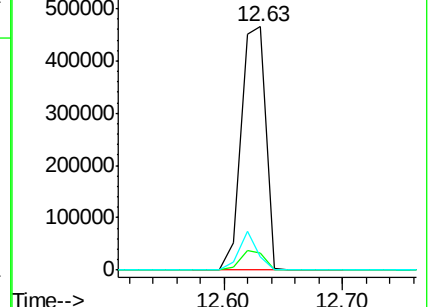
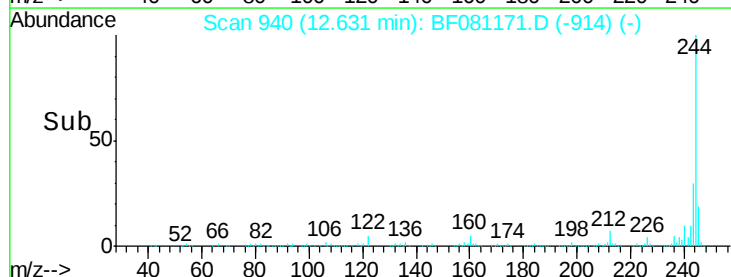
122 5.5 8.2 12.4#

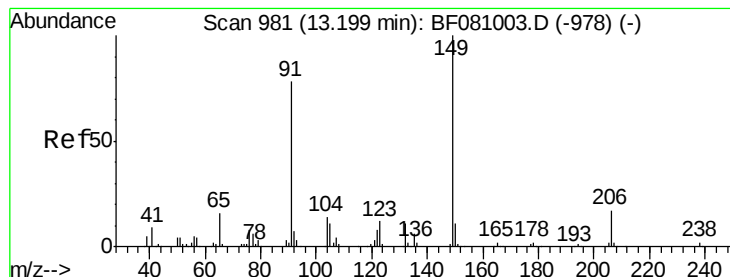


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.09 ng

RT: 13.11 min Scan# 982

Delta R.T. 0.01 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85031BS

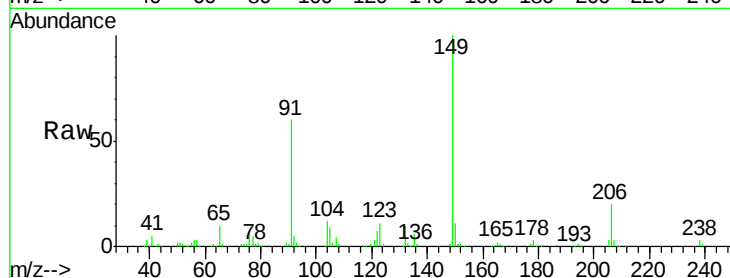
Tgt Ion:149 Resp: 302737

Ion Ratio Lower Upper

149 100

91 60.1 46.9 70.3

206 19.7 17.0 25.4

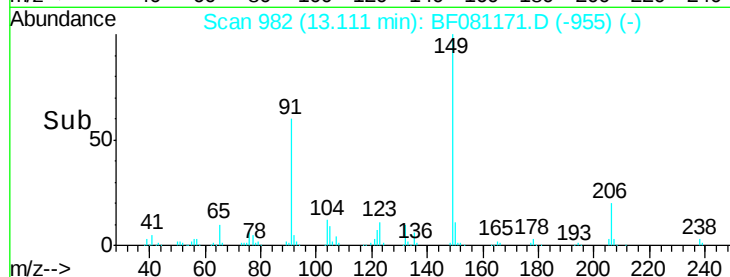


Abundance Ion 149.00 (148.70 to 149.70): E

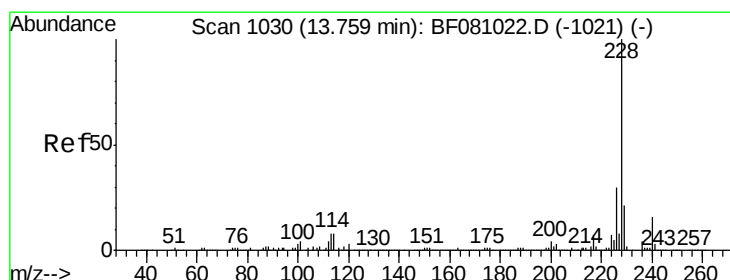
Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

Time-->



Time-->



#80

Benzo(a)anthracene

Concen: 37.02 ng

RT: 13.65 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

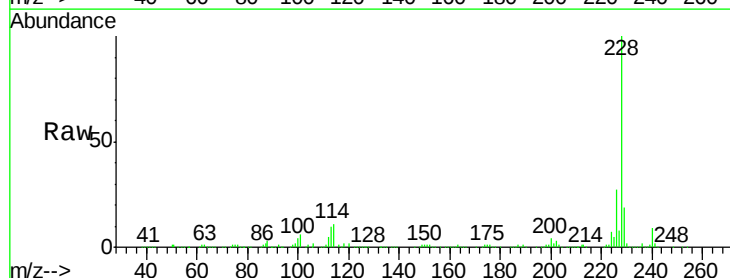
Tgt Ion:228 Resp: 536545

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

229 19.5 15.9 23.9

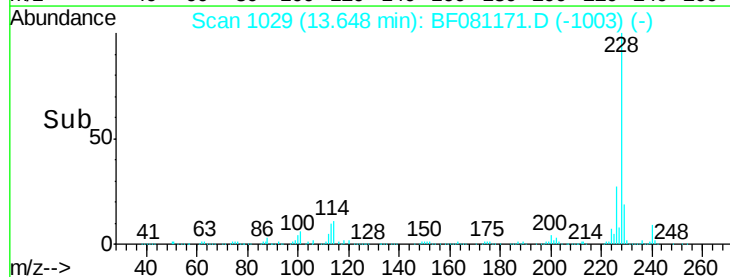


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



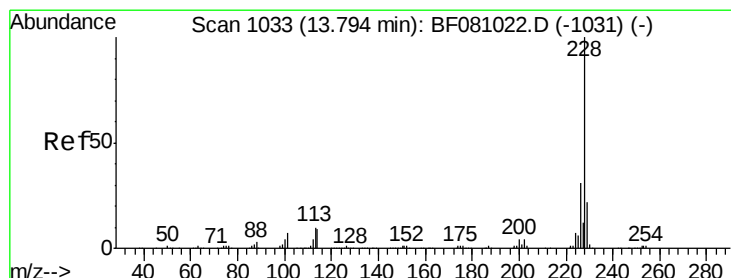
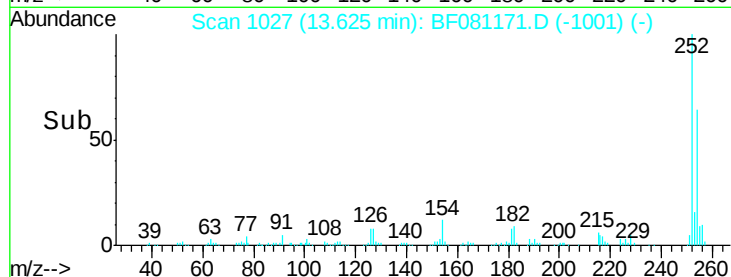
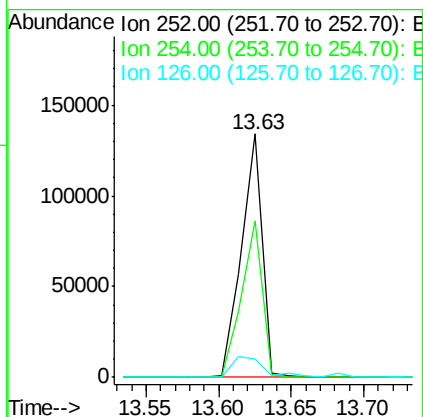
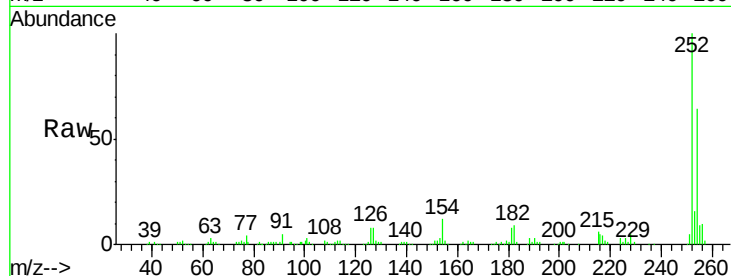
Time-->



#81
 3,3'-Dichlorobenzidine
 Concen: 28.49 ng
 RT: 13.63 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

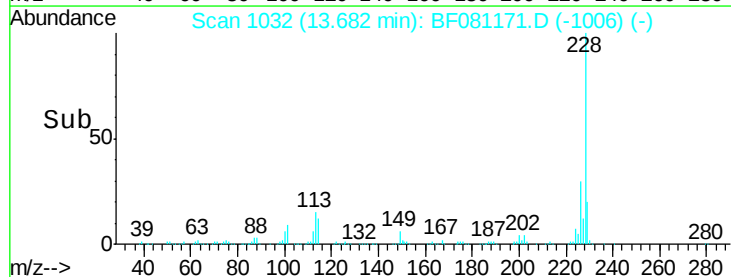
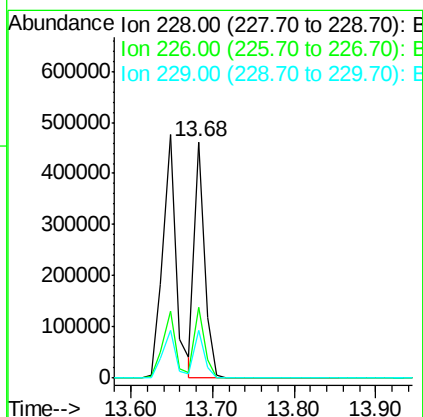
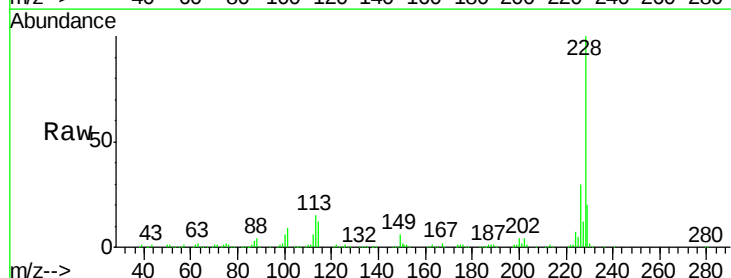
Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

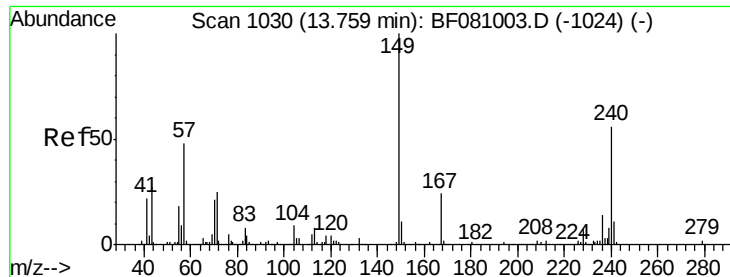
Tgt Ion:252 Resp: 133761
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.5 77.3
 126 7.7 12.5 18.7#



#82
 Chrysene
 Concen: 31.14 ng
 RT: 13.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Tgt Ion:228 Resp: 406744
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.4 36.6
 229 20.1 16.0 24.0

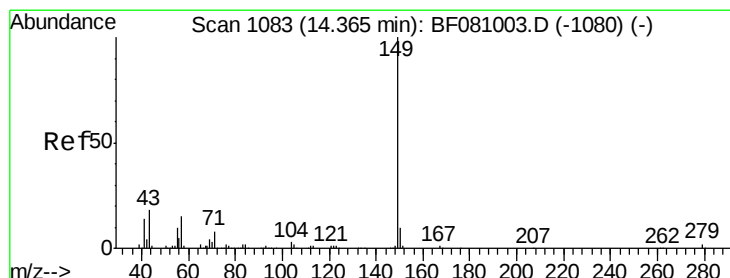
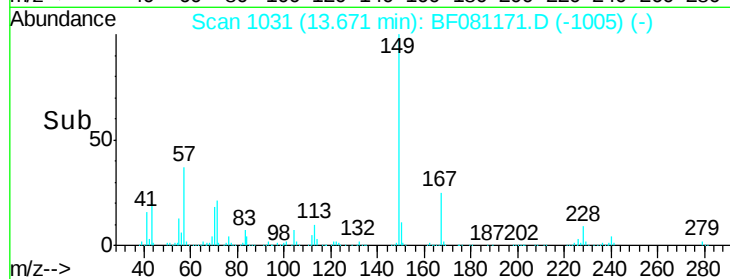
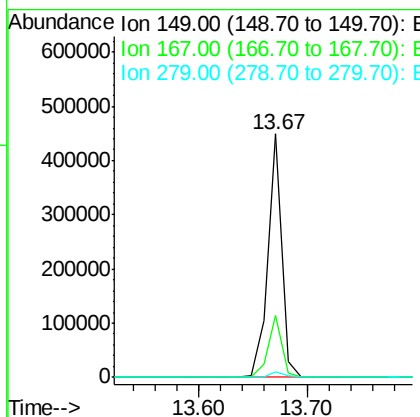
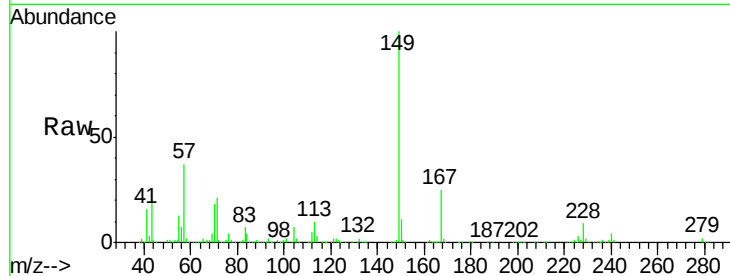




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.72 ng
 RT: 13.67 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

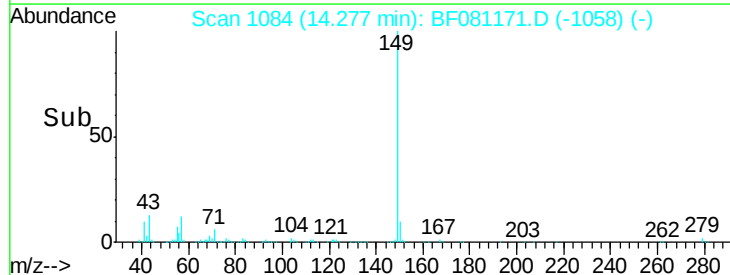
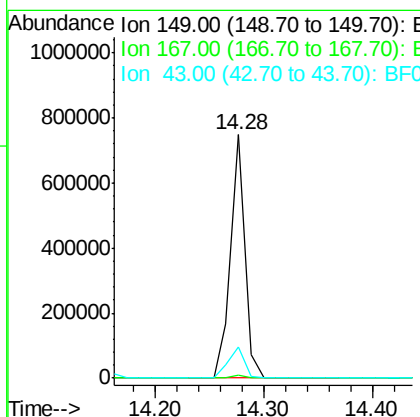
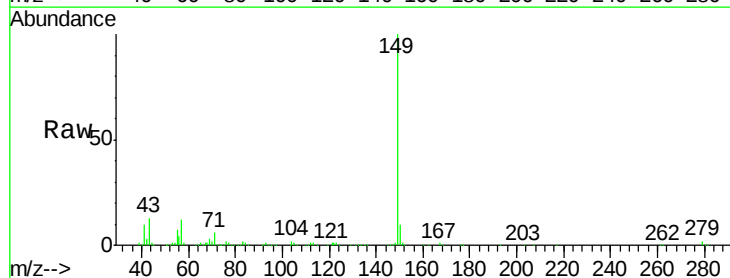
Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

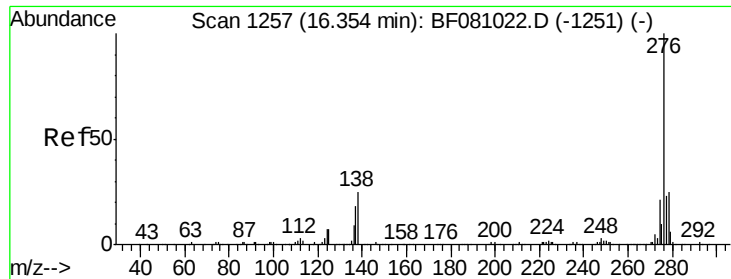
Tgt Ion:149 Resp: 403591
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.7 31.1
 279 2.3 2.2 3.4



#84
 Di-n-octyl phthalate
 Concen: 46.20 ng
 RT: 14.28 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Tgt Ion:149 Resp: 679226
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 14.0 11.6 17.4

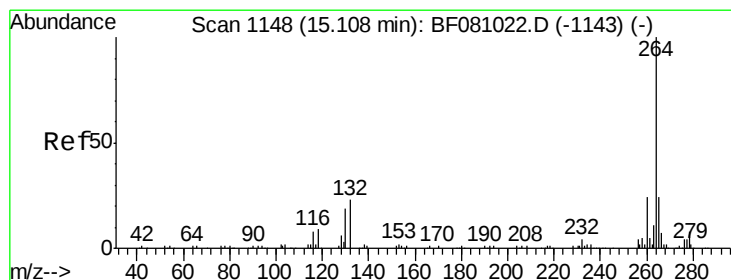
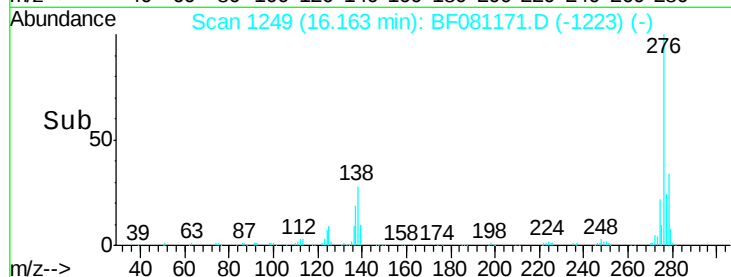
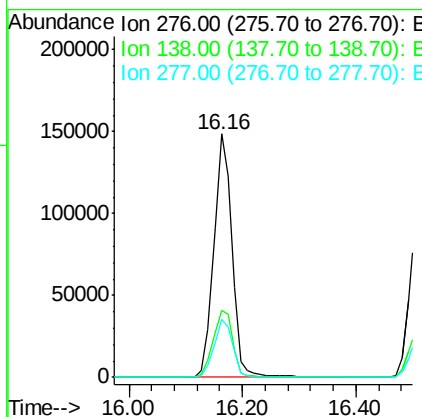
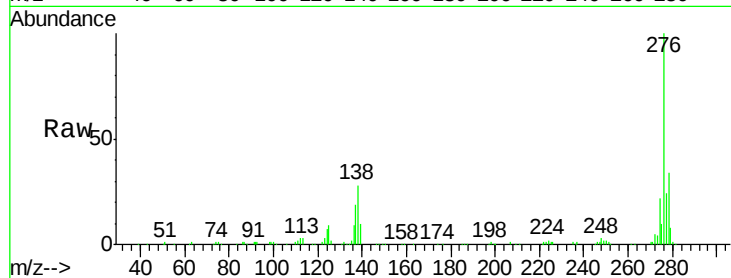




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.60 ng
 RT: 16.16 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

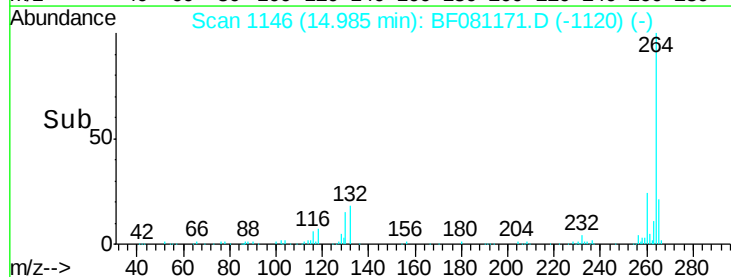
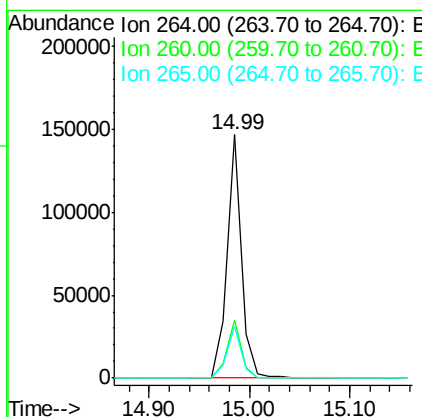
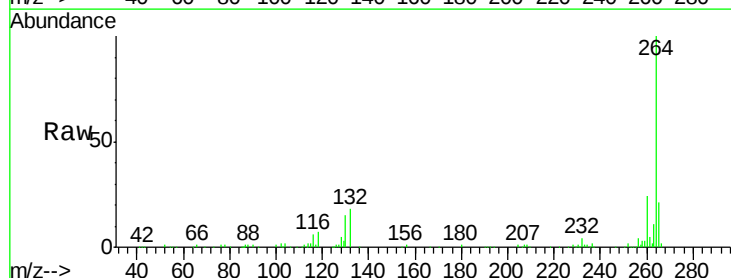
Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

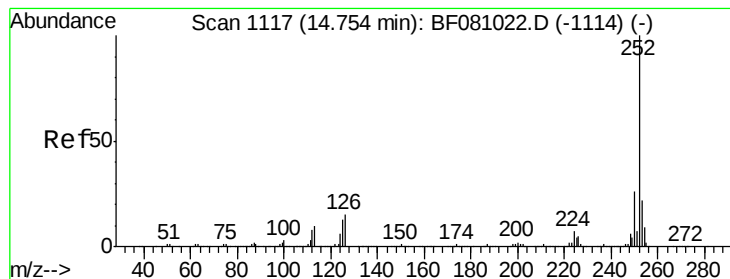
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.7	18.6	28.0#
277	24.6	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF081171.D
 Acq: 24 Aug 2015 16:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 78.52 ng

RT: 14.67 min Scan# 1118

Delta R.T. 0.02 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85031BS

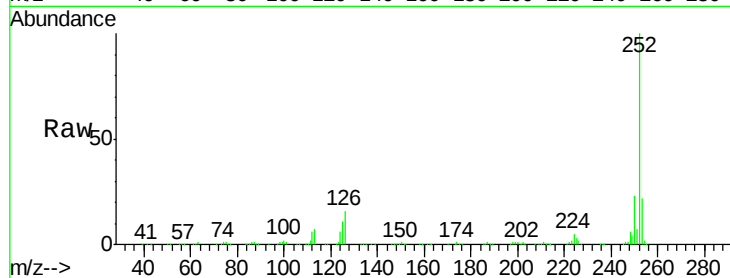
Tgt Ion:252 Resp: 811587

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

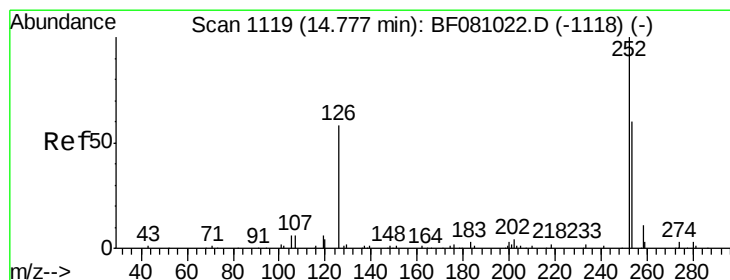
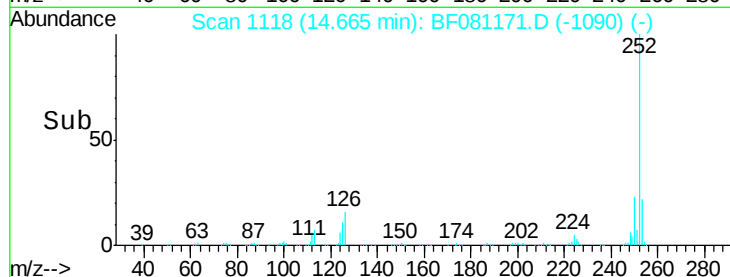
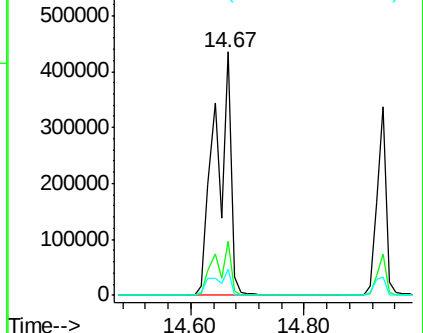
125 10.9 8.0 12.0



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: 84.27 ng

RT: 14.67 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

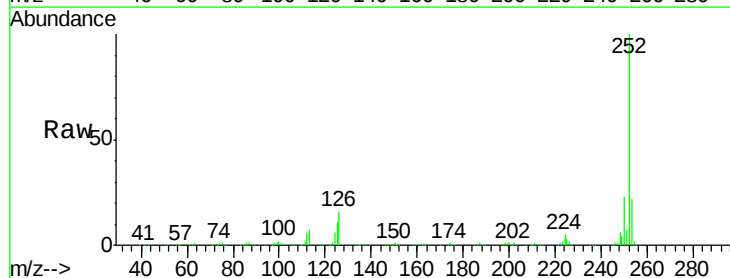
Tgt Ion:252 Resp: 811587

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

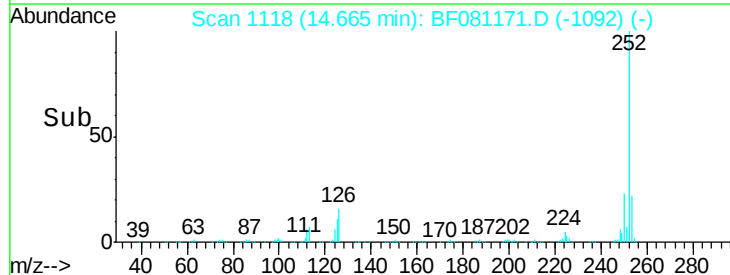
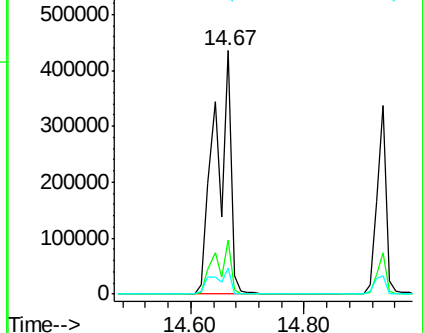
125 10.9 10.3 15.5

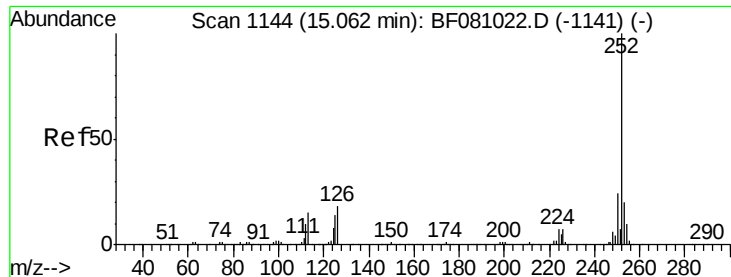


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.59 ng

RT: 14.94 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85031BS

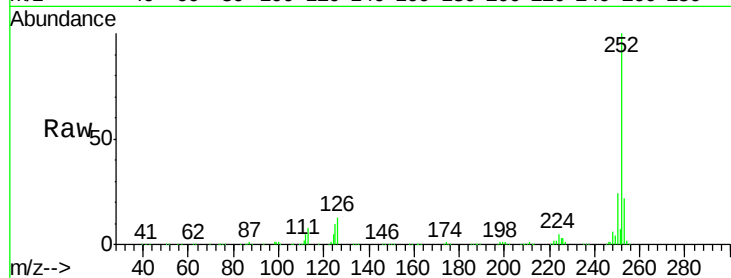
Tgt Ion:252 Resp: 383566

Ion Ratio Lower Upper

252 100

253 21.7 16.6 25.0

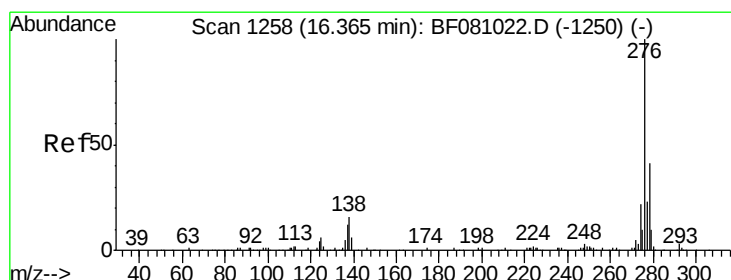
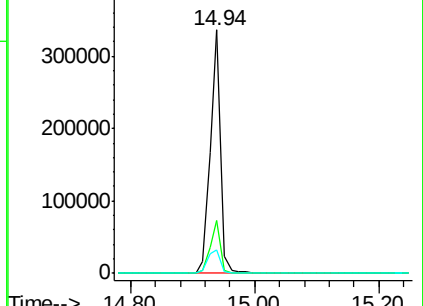
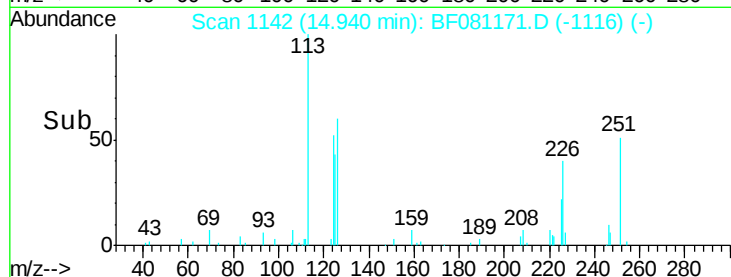
125 9.7 7.8 11.8



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: 39.24 ng

RT: 16.17 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

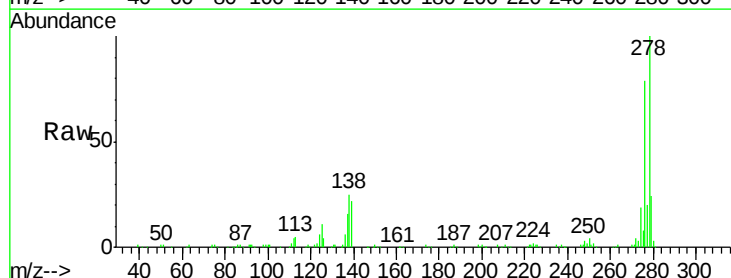
Tgt Ion:278 Resp: 275380

Ion Ratio Lower Upper

278 100

139 22.3 10.8 16.2#

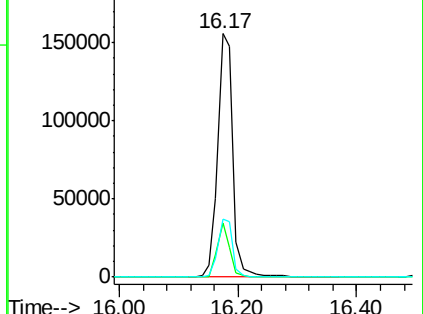
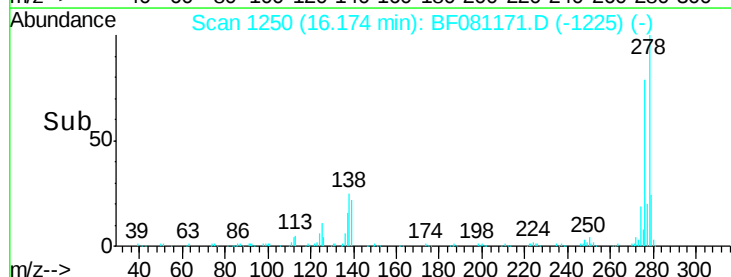
279 24.1 19.0 28.6



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: 39.03 ng

RT: 16.52 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF081171.D

Acq: 24 Aug 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85031BS

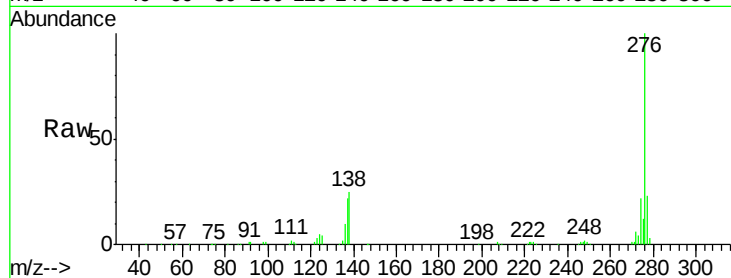
Tgt Ion: 276 Resp: 277894

Ion Ratio Lower Upper

276 100

277 23.3 18.2 27.2

138 24.7 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

