

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081169.D
 Acq On : 24 Aug 2015 14:52
 Operator : UM/IZ
 Sample : PB85067BS
 Misc : FOR IDOC PURPOSE
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Quant Time: Aug 24 15:23:08 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	62466	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	266805	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	115267	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	246049	20.00	ng	0.00
75) Chrysene-d12	13.66	240	207575	20.00	ng	0.00
86) Perylene-d12	14.99	264	149547	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	522091	125.71	ng	0.02
7) Phenol-d6	6.20	99	635253	117.23	ng	0.00
23) Nitrobenzene-d5	7.12	82	438789	75.13	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	109041	109.13	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	646819	73.53	ng	0.00
78) Terphenyl-d14	12.62	244	649038	67.03	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	62483	31.93	ng	# 90
3) Pyridine	2.61	79	189039	34.22	ng	# 83
4) n-Nitrosodimethylamine	2.56	42	113890	37.03	ng	# 78
6) Aniline	6.21	93	181591	23.05	ng	# 1
8) 2-Chlorophenol	6.33	128	175519	38.61	ng	# 77
9) Benzaldehyde	6.08	77	25058	7.17	ng	94
10) Phenol	6.21	94	213487	33.36	ng	98
11) bis(2-Chloroethyl)ether	6.29	93	179890	36.63	ng	88
12) 1,3-Dichlorobenzene	6.48	146	186958	38.28	ng	96
13) 1,4-Dichlorobenzene	6.56	146	188760	39.03	ng	98
14) 1,2-Dichlorobenzene	6.71	146	160003	35.35	ng	99
15) Benzyl Alcohol	6.70	79	160117	36.52	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.84	45	367505	38.09	ng	98
17) 2-Methylphenol	6.82	107	163347	41.88	ng	95
18) Hexachloroethane	7.05	117	71938	36.81	ng	94
19) n-Nitroso-di-n-propylamine	6.97	70	138364	36.86	ng	92
20) 3+4-Methylphenols	6.98	107	197751	39.94	ng	# 41
22) Acetophenone	6.96	105	262060	37.41	ng	# 88
24) Nitrobenzene	7.13	77	212497	34.80	ng	97
25) Isophorone	7.38	82	381381	35.02	ng	# 94
26) 2-Nitrophenol	7.45	139	101813	40.09	ng	# 75
27) 2,4-Dimethylphenol	7.51	122	170257	37.90	ng	89
28) bis(2-Chloroethoxy)methane	7.60	93	253648	39.42	ng	98
29) 2,4-Dichlorophenol	7.69	162	137460	36.34	ng	88
30) 1,2,4-Trichlorobenzene	7.77	180	146805	34.92	ng	96
31) Naphthalene	7.85	128	551506	37.08	ng	99
32) Benzoic acid	7.65	122	116981	46.29	ng	93
33) 4-Chloroaniline	7.91	127	105267	16.78	ng	# 86
34) Hexachlorobutadiene	7.98	225	88533	37.24	ng	98
35) Caprolactam	8.29	113	34722	26.26	ng	# 69
36) 4-Chloro-3-methylphenol	8.40	107	166004	36.82	ng	98
37) 2-Methylnaphthalene	8.54	142	328316	34.95	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	147564	39.68	ng	98
40) Hexachlorocyclopentadiene	8.70	237	149911	77.88	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	107220	40.81	ng	98
43) 2,4,5-Trichlorophenol	8.87	196	107692	41.01	ng	95
45) 1,1'-Biphenyl	9.01	154	443743	43.71	ng	98
46) 2-Chloronaphthalene	9.03	162	303289	37.18	ng	98
47) 2-Nitroaniline	9.12	65	125080	37.47	ng	98
48) Acenaphthylene	9.43	152	491031	33.65	ng	99
49) Dimethylphthalate	9.32	163	347748	36.63	ng	99
50) 2,6-Dinitrotoluene	9.37	165	74468	36.54	ng	# 71
51) Acenaphthene	9.60	154	289151	33.10	ng	100
52) 3-Nitroaniline	9.53	138	57598	22.58	ng	97
53) 2,4-Dinitrophenol	9.65	184	95428	83.07	ng	# 74
54) Dibenzofuran	9.77	168	429354	36.68	ng	91
55) 4-Nitrophenol	9.72	139	133799	74.69	ng	# 81
56) 2,4-Dinitrotoluene	9.77	165	99185	36.72	ng	# 61
57) Fluorene	10.12	166	334882	37.19	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	81349	40.03	ng	98
59) Diethylphthalate	10.01	149	384994	38.32	ng	98
60) 4-Chlorophenyl-phenylether	10.12	204	152458	40.01	ng	97
61) 4-Nitroaniline	10.15	138	98632	37.84	ng	93
62) Azobenzene	10.28	77	490187	42.34	ng	96
64) 4,6-Dinitro-2-methylphenol	10.18	198	57678	39.25	ng	# 38
65) n-Nitrosodiphenylamine	10.24	169	328498	37.40	ng	99
66) 4-Bromophenyl-phenylether	10.60	248	86602	35.83	ng	# 62
67) Hexachlorobenzene	10.66	284	96842	39.56	ng	# 82
68) Atrazine	10.77	200	74713	30.53	ng	98
69) Pentachlorophenol	10.86	266	116043	79.01	ng	99
70) Phenanthrene	11.06	178	479512	32.88	ng	99
71) Anthracene	11.12	178	558700	39.37	ng	99
72) Carbazole	11.28	167	540546	39.57	ng	98
73) Di-n-butylphthalate	11.63	149	638257	38.61	ng	99
74) Fluoranthene	12.24	202	585579	37.21	ng	95
76) Benzidine	12.37	184	160910	20.52	ng	99
77) Pyrene	12.47	202	609569	36.12	ng	98
79) Butylbenzylphthalate	13.10	149	271347	37.41	ng	# 62
80) Benzo(a)anthracene	13.65	228	509312	36.59	ng	100
81) 3,3'-Dichlorobenzidine	13.63	252	136254	30.22	ng	# 93
82) Chrysene	13.68	228	393985	31.40	ng	100
83) Bis(2-ethylhexyl)phthalate	13.67	149	386578	41.61	ng	100
84) Di-n-octyl phthalate	14.28	149	654759	46.37	ng	100
85) Indeno(1,2,3-cd)pyrene	16.16	276	337690	38.34	ng	# 93
87) Benzo(b)fluoranthene	14.67	252	831001	78.56	ng	98
88) Benzo(k)fluoranthene	14.67	252	831001	84.31	ng	# 97
89) Benzo(a)pyrene	14.94	252	379633	41.19	ng	99
90) Dibenzo(a,h)anthracene	16.17	278	280777	39.10	ng	# 92
91) Benzo(g,h,i)perylene	16.52	276	274378	37.66	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 407

Delta R.T. 0.00 min

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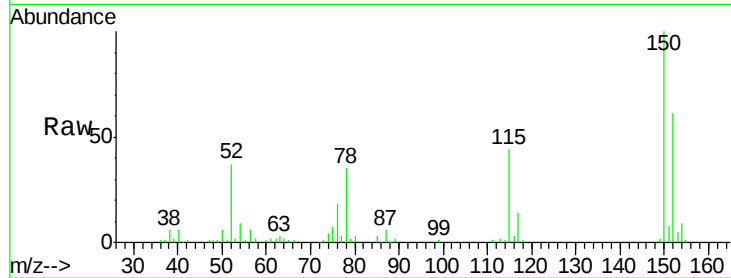
Tgt Ion:152 Resp: 62466

Ion Ratio Lower Upper

152 100

150 163.6 123.8 185.6

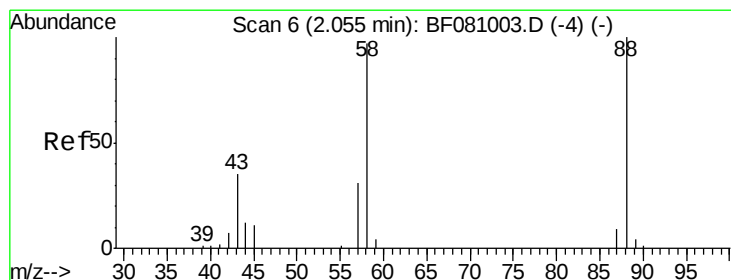
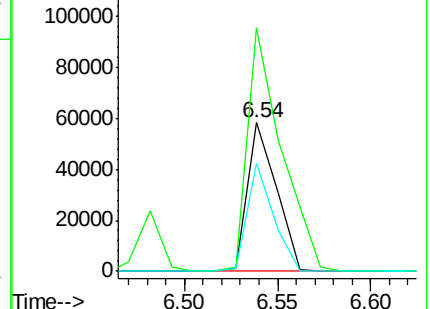
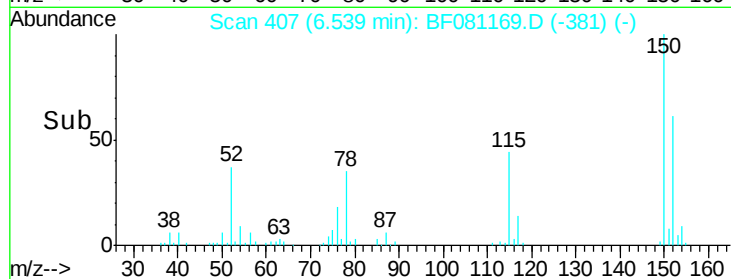
115 72.3 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.93 ng

RT: 2.01 min Scan# 11

Delta R.T. 0.08 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

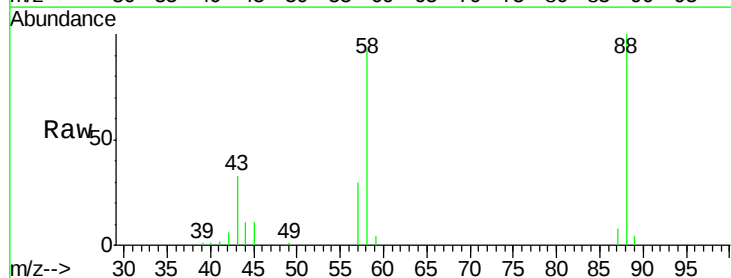
Tgt Ion: 88 Resp: 62483

Ion Ratio Lower Upper

88 100

58 97.3 83.7 125.5

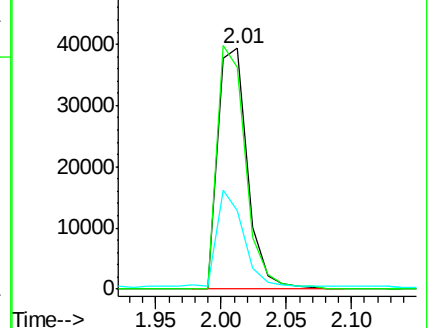
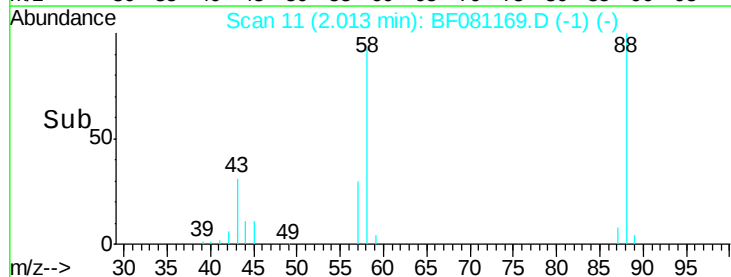
43 35.5 37.5 56.3#

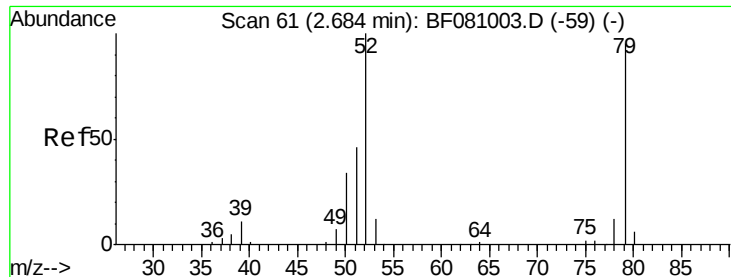


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

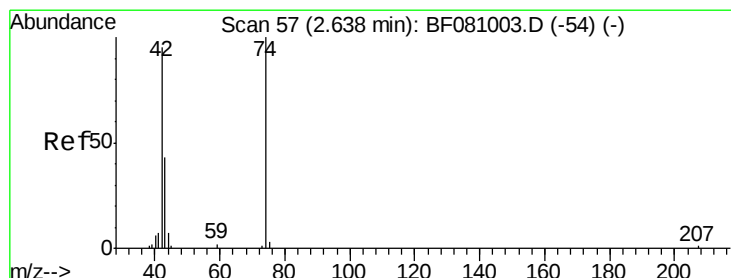
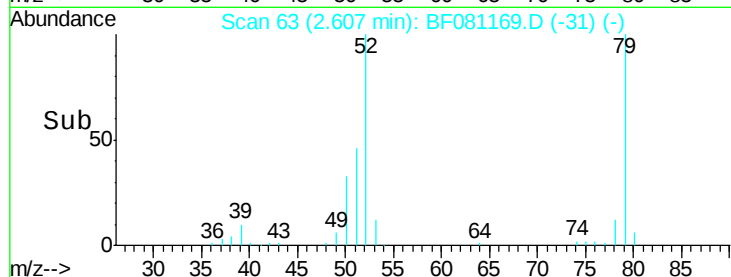
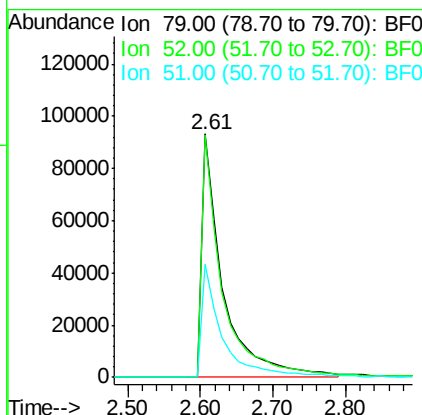
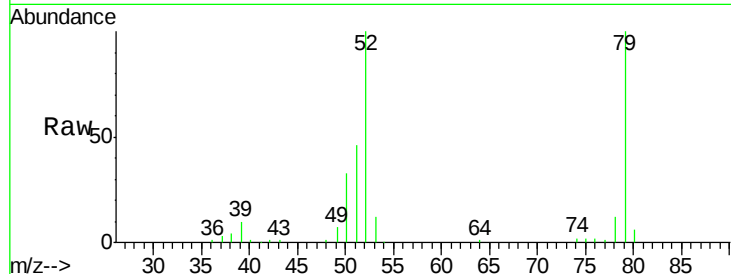




#3
 Pyridine
 Concen: 34.22 ng
 RT: 2.61 min Scan# 63
 Delta R.T. 0.07 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

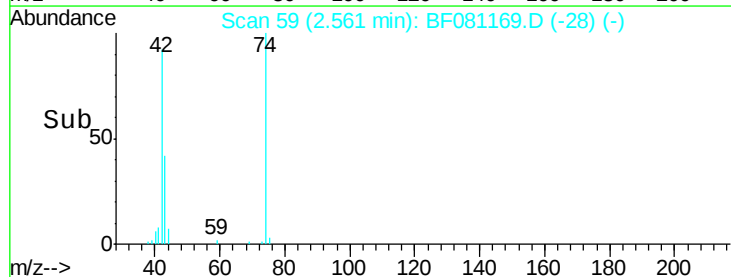
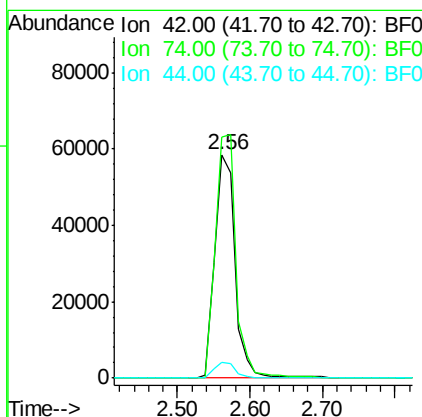
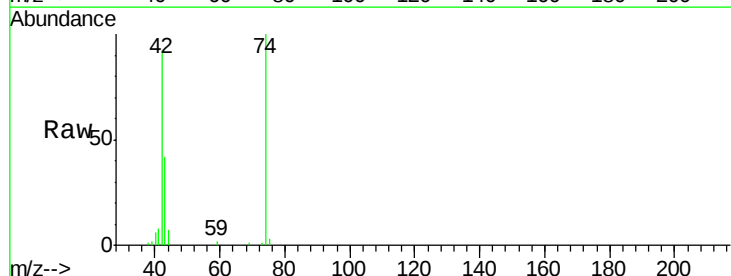
Instrument :
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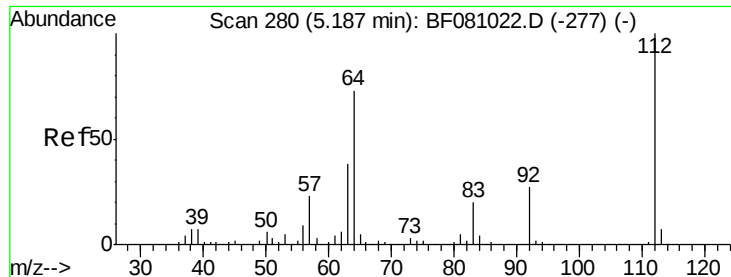
Tgt Ion: 79 Resp: 189039
 Ion Ratio Lower Upper
 79 100
 52 99.6 95.1 142.7
 51 46.4 46.6 70.0#



#4
 n-Nitrosodimethylamine
 Concen: 37.03 ng
 RT: 2.56 min Scan# 59
 Delta R.T. 0.06 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion: 42 Resp: 113890
 Ion Ratio Lower Upper
 42 100
 74 108.2 69.3 103.9#
 44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 125.71 ng

RT: 5.12 min Scan# 283

Delta R.T. 0.02 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

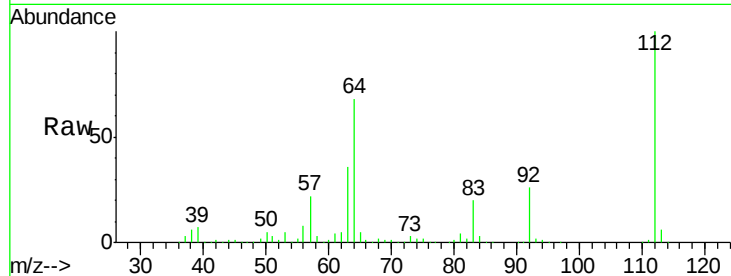
Instrument :

BNA_F

ClientSampleId :

PB85067BS

Tgt Ion:	112	Resp:	522091
Ion Ratio	Lower	Upper	
112	100		
64	68.1	66.9	100.3
63	36.2	38.1	57.1#

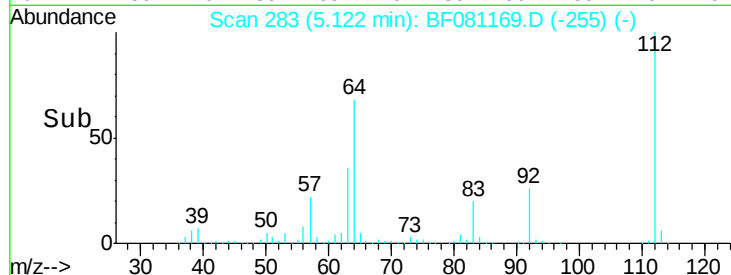


Abundance Ion 112.00 (111.70 to 112.70): E

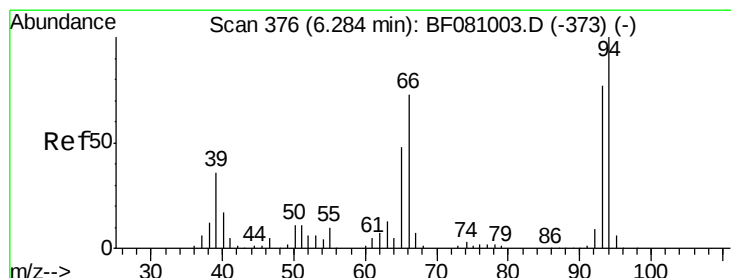
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#6

Aniline

Concen: 23.05 ng

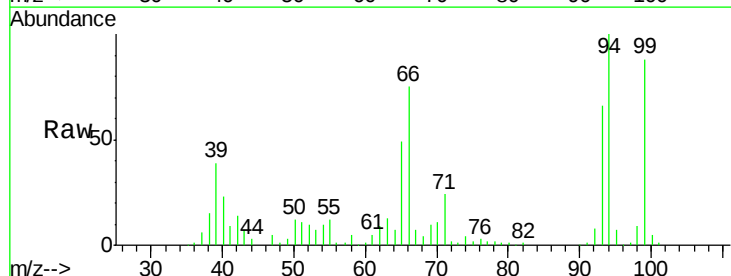
RT: 6.21 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Tgt Ion:	93	Resp:	181591
Ion Ratio	Lower	Upper	
93	100		
66	114.5	35.6	53.4#
65	74.3	18.7	28.1#

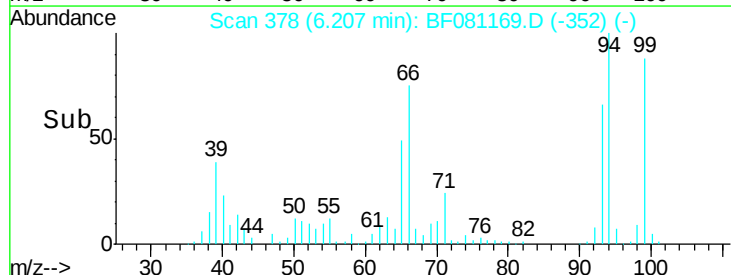


Abundance Ion 93.00 (92.70 to 93.70): BF0

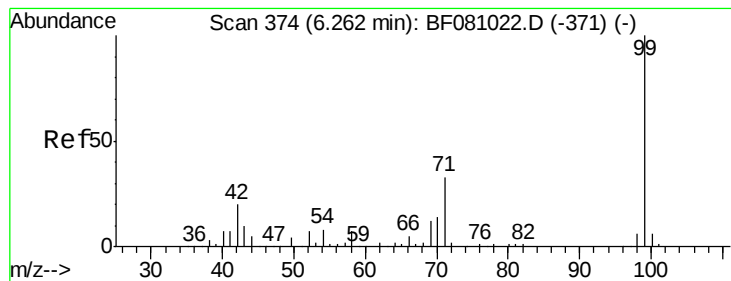
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->



Time-->



#7

Phenol-d6

Concen: 117.23 ng

RT: 6.20 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

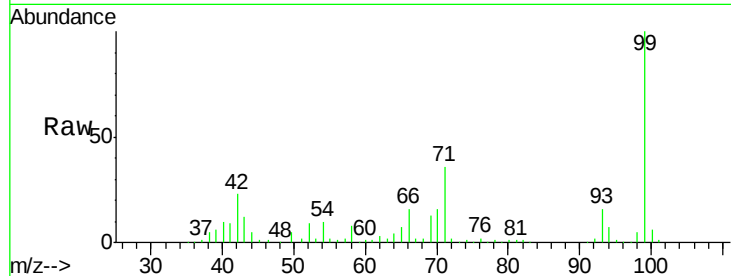
Tgt Ion: 99 Resp: 635253

Ion Ratio Lower Upper

99 100

42 23.4 19.6 29.4

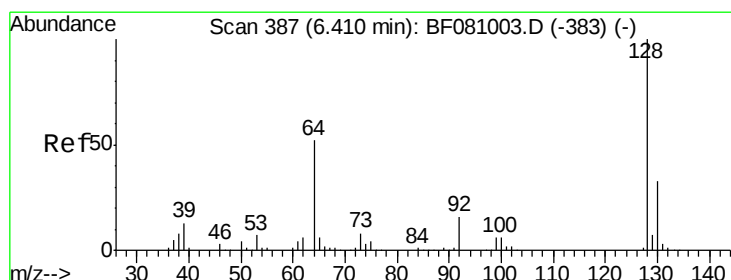
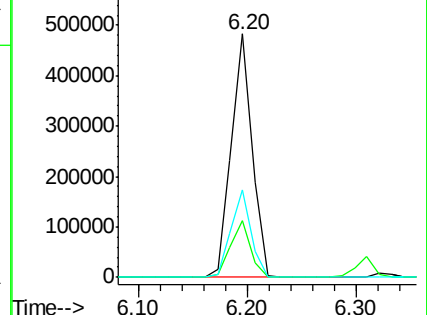
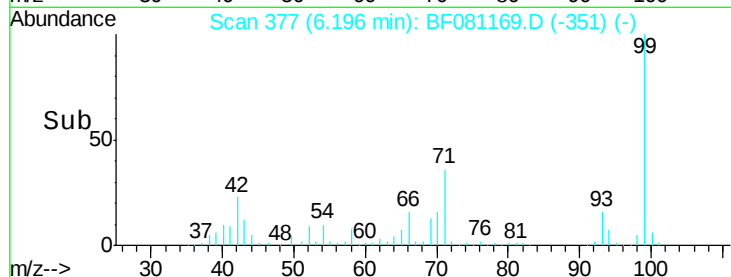
71 35.8 31.2 46.8



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: 38.61 ng

RT: 6.33 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

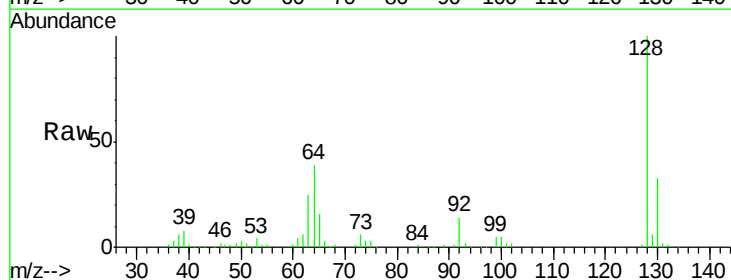
Tgt Ion: 128 Resp: 175519

Ion Ratio Lower Upper

128 100

130 33.0 12.5 52.5

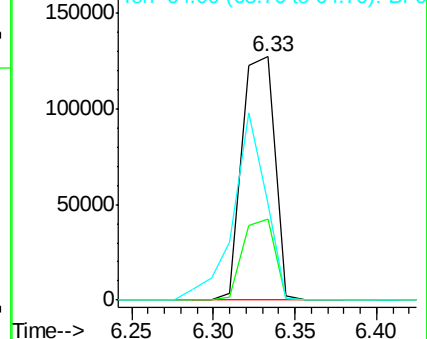
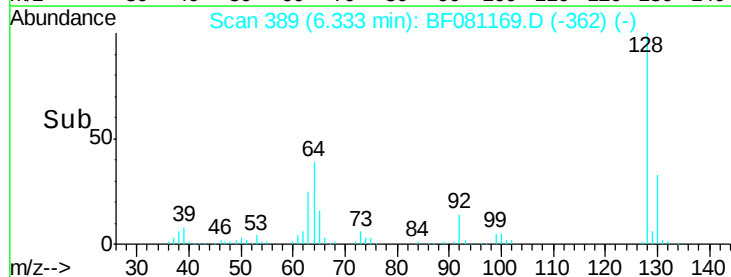
64 39.3 46.8 86.8#

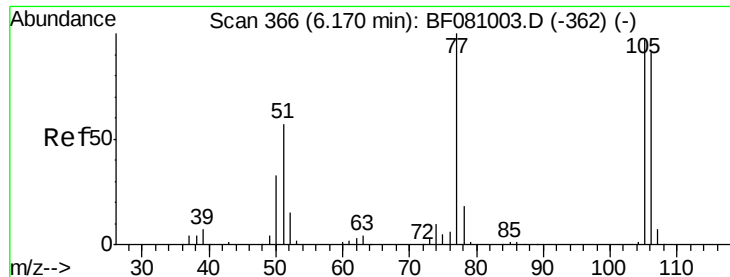


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.17 ng

RT: 6.08 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

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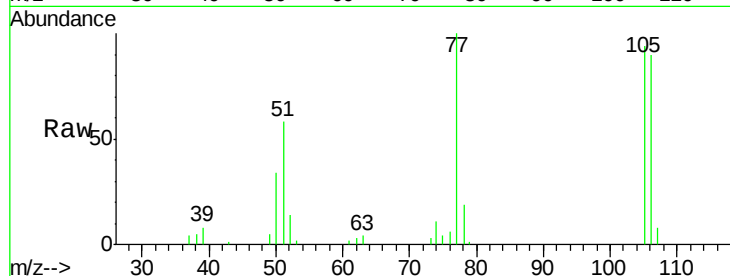
Tgt Ion: 77 Resp: 25058

Ion Ratio Lower Upper

77 100

105 94.3 69.6 109.6

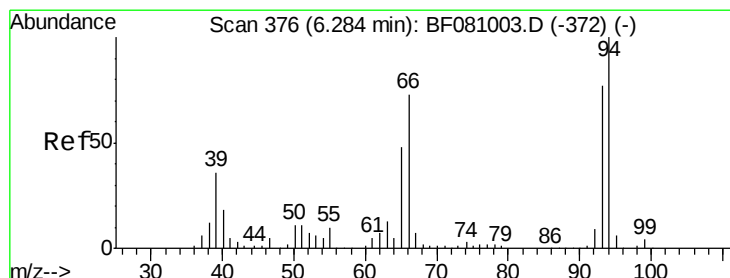
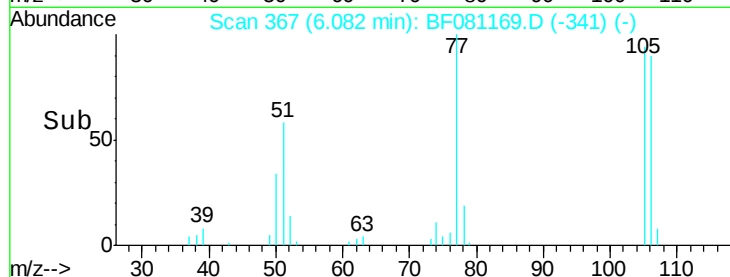
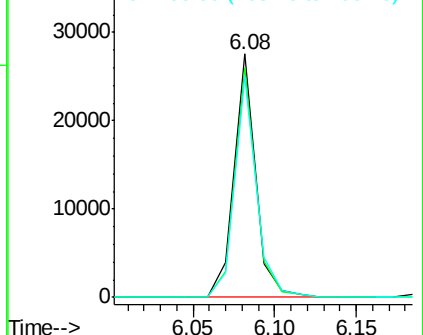
106 90.4 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.36 ng

RT: 6.21 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

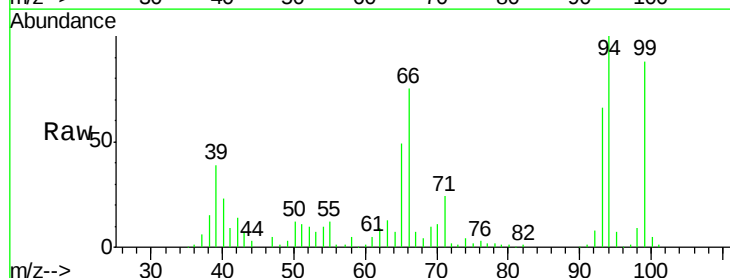
Tgt Ion: 94 Resp: 213487

Ion Ratio Lower Upper

94 100

65 48.7 28.4 68.4

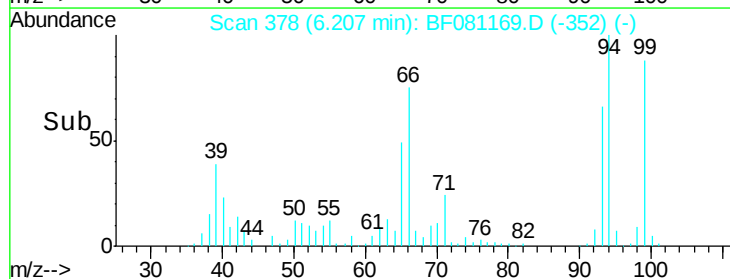
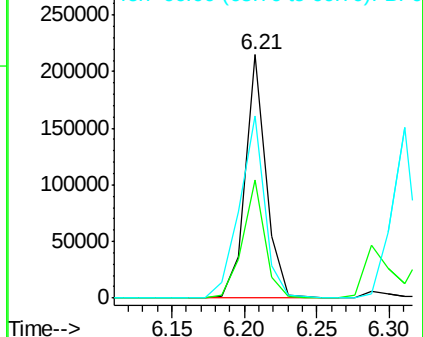
66 75.0 52.3 92.3

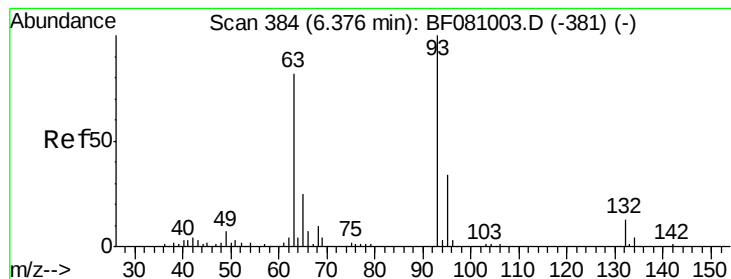


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

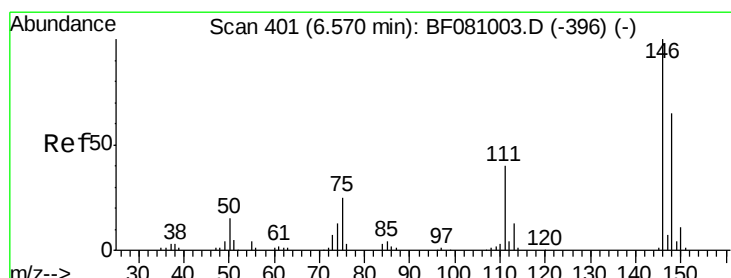
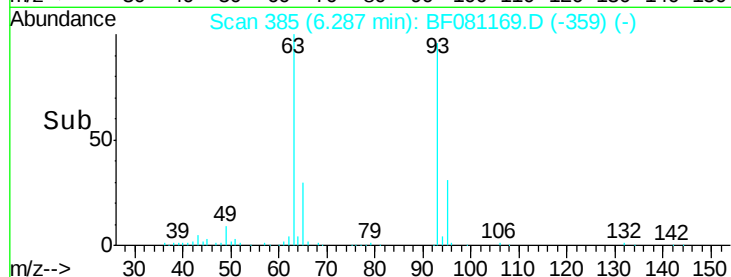
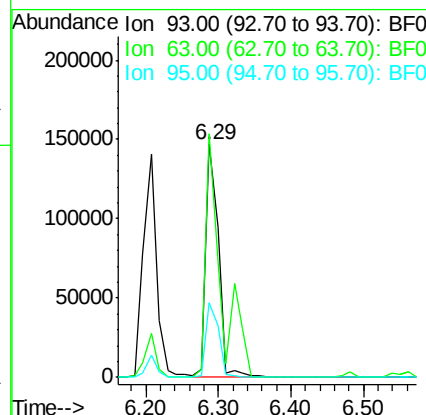
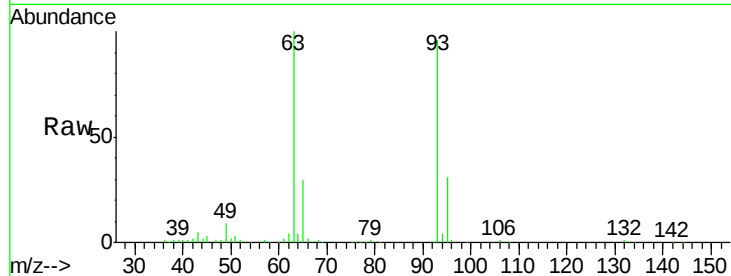




#11
 bis(2-Chloroethyl)ether
 Concen: 36.63 ng
 RT: 6.29 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

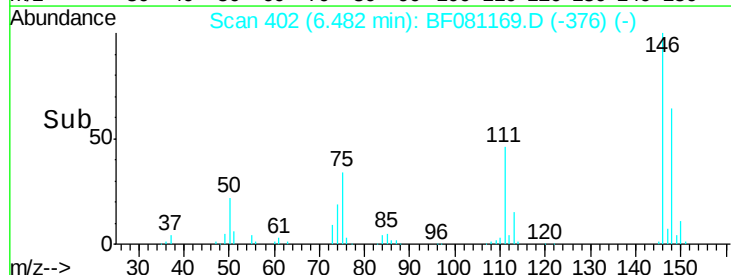
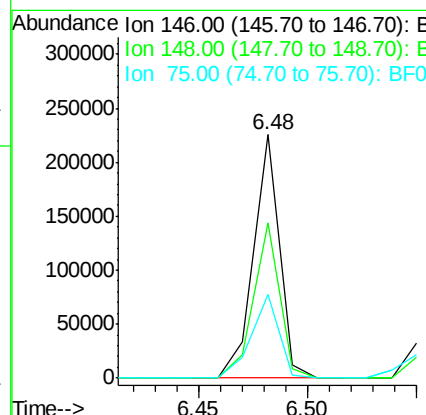
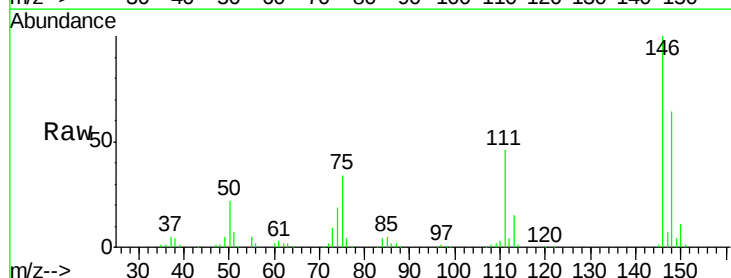
Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

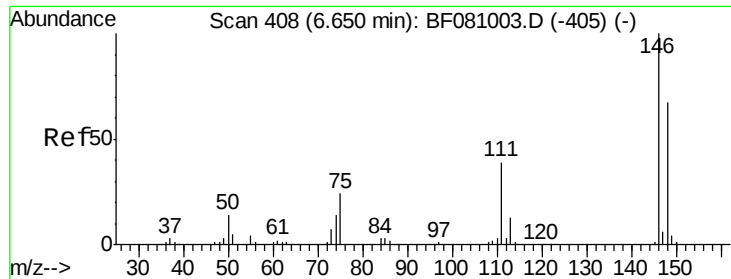
Tgt Ion: 93 Resp: 179890
 Ion Ratio Lower Upper
 93 100
 63 104.5 69.6 109.6
 95 32.1 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 38.28 ng
 RT: 6.48 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion: 146 Resp: 186958
 Ion Ratio Lower Upper
 146 100
 148 63.6 53.3 79.9
 75 34.2 25.0 37.6

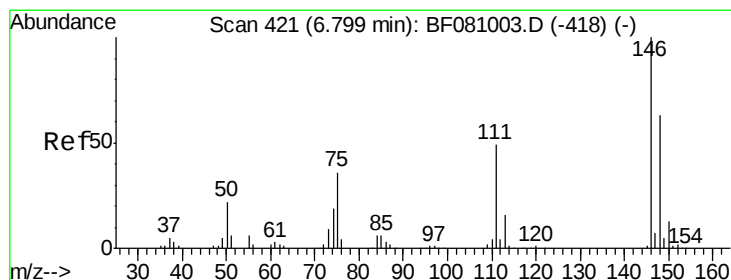
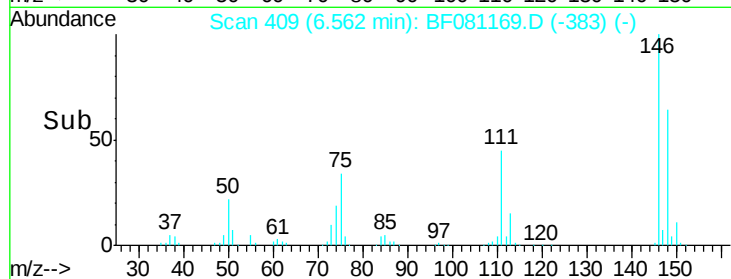
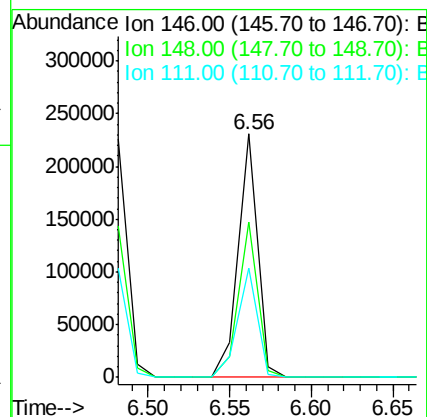
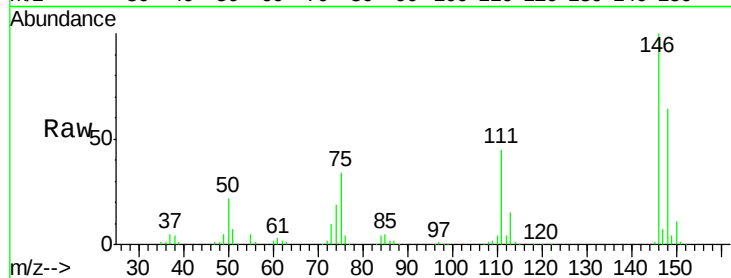




#13
 1,4-Dichlorobenzene
 Concen: 39.03 ng
 RT: 6.56 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

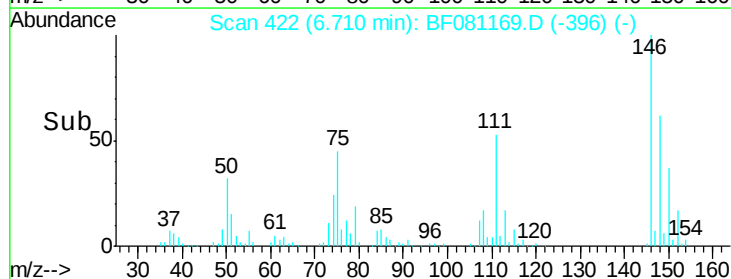
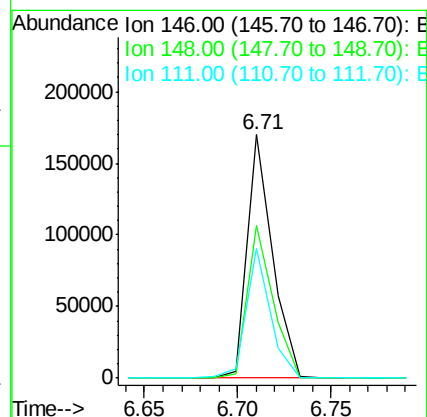
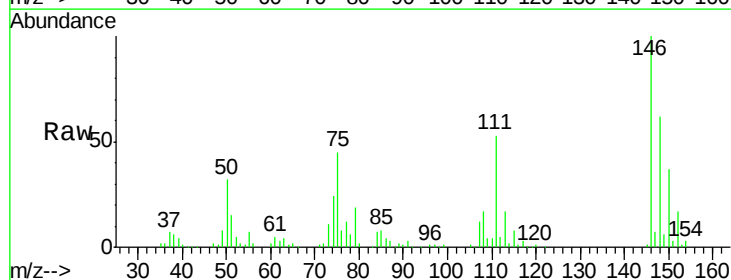
Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

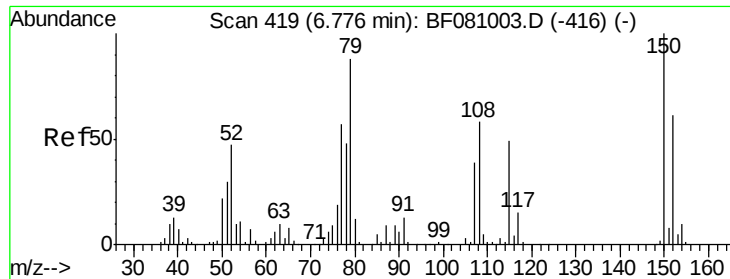
Tgt Ion:146 Resp: 188760
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.3 78.5
 111 44.7 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 35.35 ng
 RT: 6.71 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion:146 Resp: 160003
 Ion Ratio Lower Upper
 146 100
 148 62.5 48.7 73.1
 111 53.3 42.3 63.5

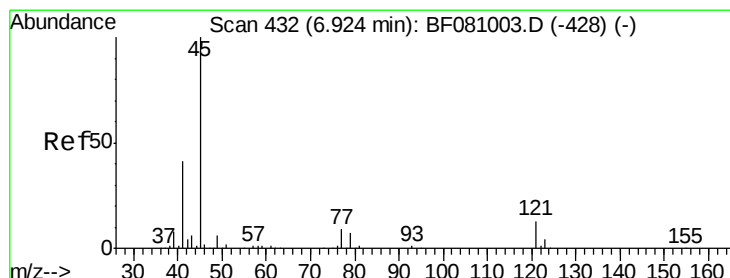
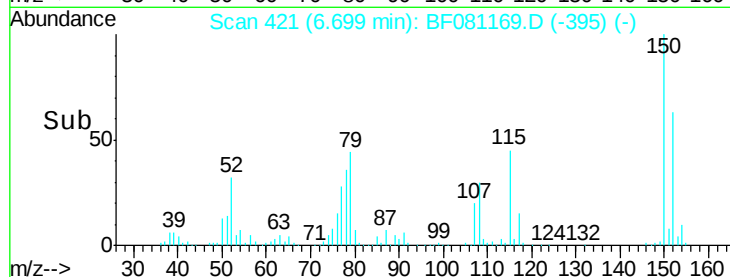
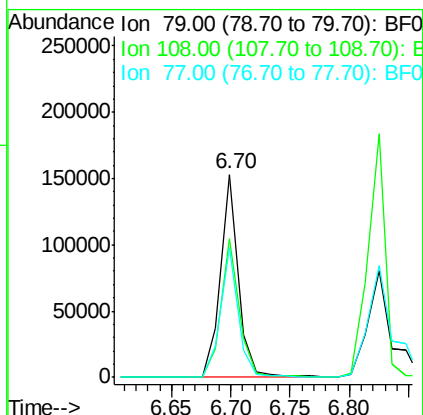
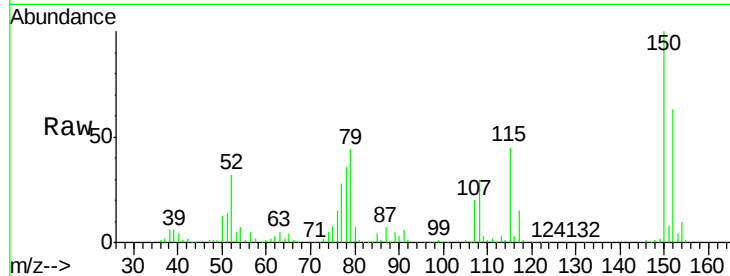




#15
Benzyl Alcohol
Concen: 36.52 ng
RT: 6.70 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

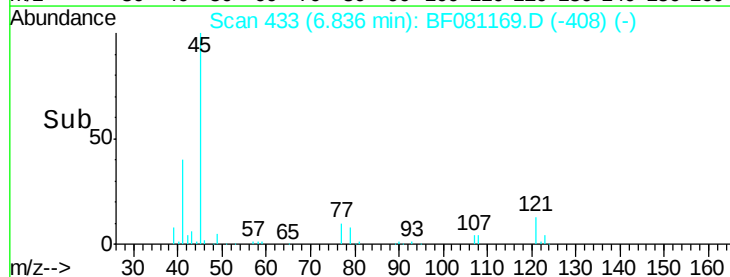
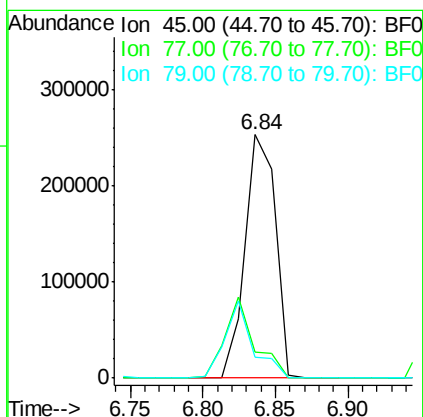
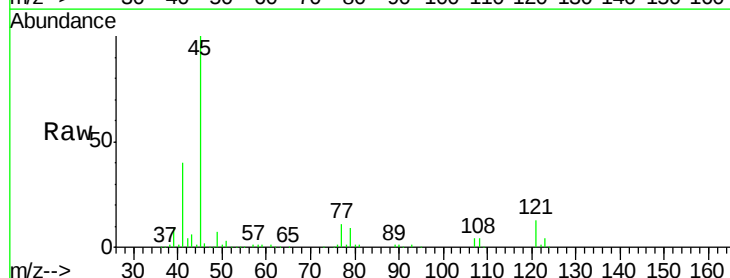
Instrument :
BNA_F
ClientSampled :
PB85067BS

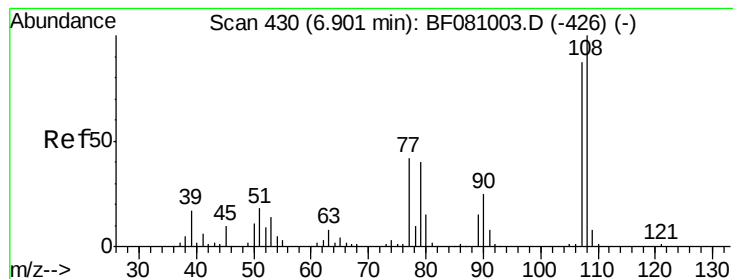
Tgt Ion: 79 Resp: 160117
Ion Ratio Lower Upper
79 100
108 68.1 49.4 74.2
77 63.6 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.09 ng
RT: 6.84 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion: 45 Resp: 367505
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.2
79 8.7 0.0 28.0





#17

2-Methylphenol

Concen: 41.88 ng

RT: 6.82 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

Tgt Ion:107 Resp: 163347

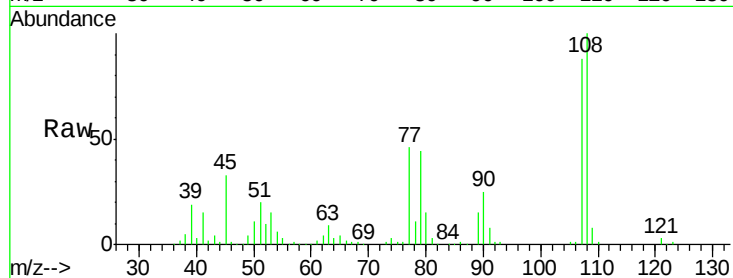
Ion Ratio Lower Upper

107 100

108 113.9 90.4 135.6

77 52.0 46.5 69.7

79 50.2 46.3 69.5

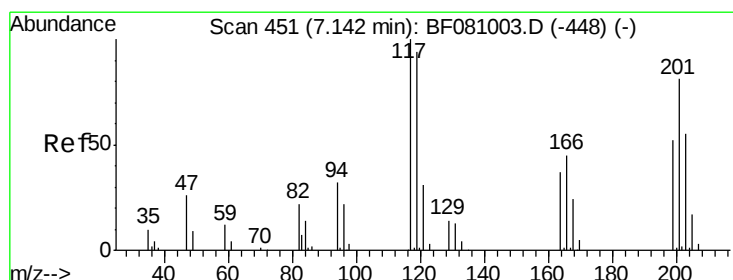
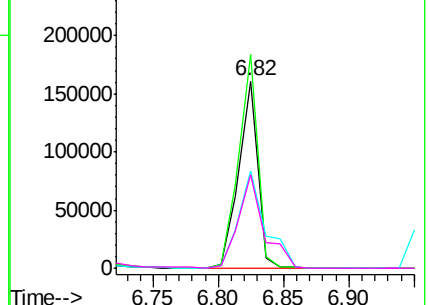
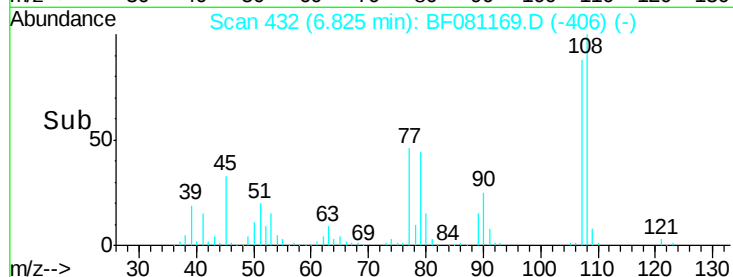


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.81 ng

RT: 7.05 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

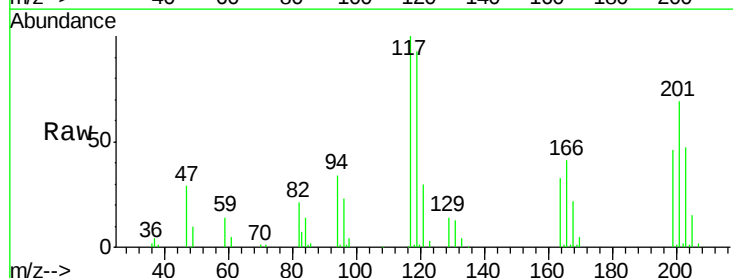
Tgt Ion:117 Resp: 71938

Ion Ratio Lower Upper

117 100

119 93.5 77.9 116.9

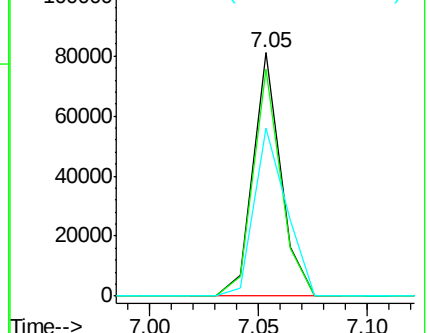
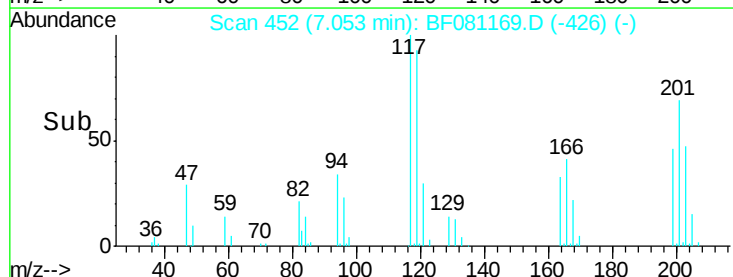
201 69.3 61.3 91.9

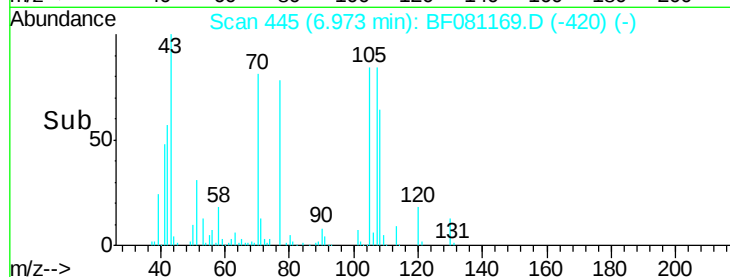
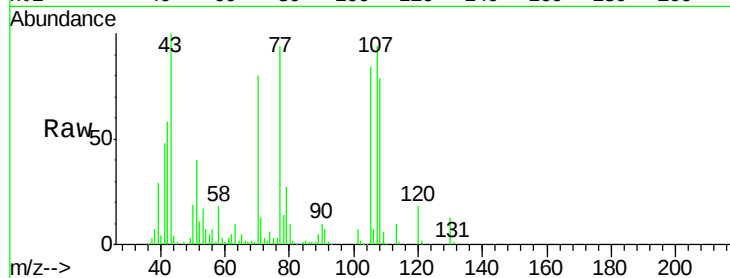
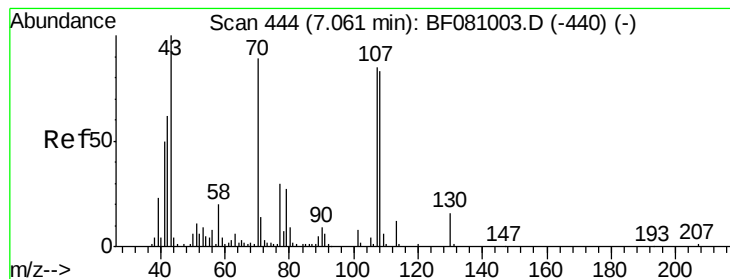


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.86 ng

RT: 6.97 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

Tgt Ion: 70 Resp: 138364

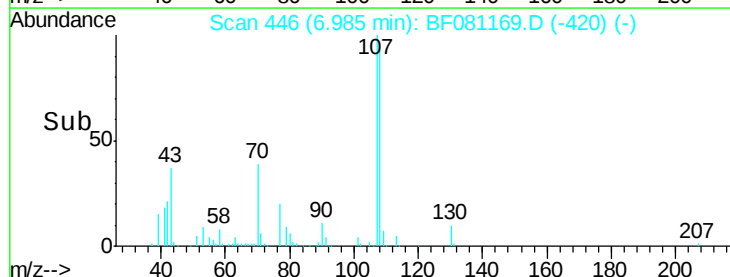
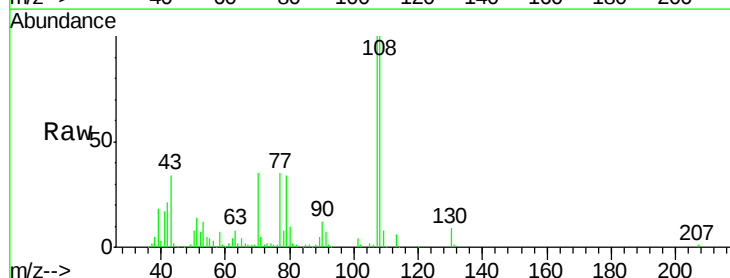
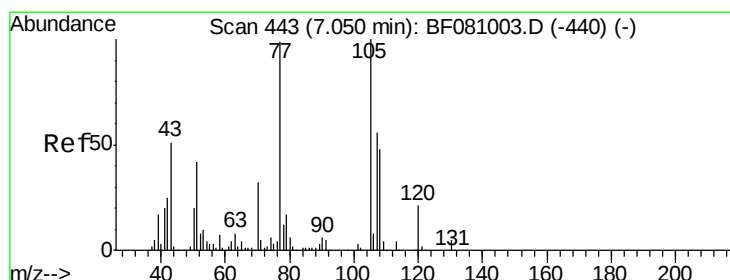
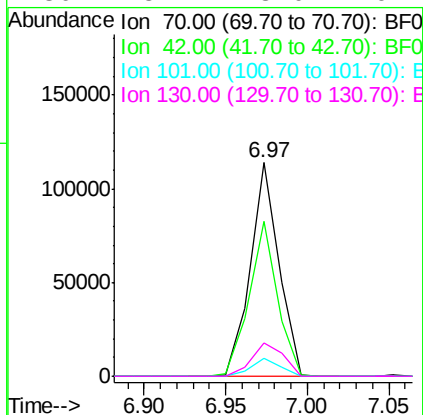
Ion Ratio Lower Upper

70 100

42 72.7 65.0 97.4

101 8.4 7.4 11.2

130 15.7 13.0 19.4



#20

3+4-Methylphenols

Concen: 39.94 ng

RT: 6.98 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Tgt Ion: 107 Resp: 197751

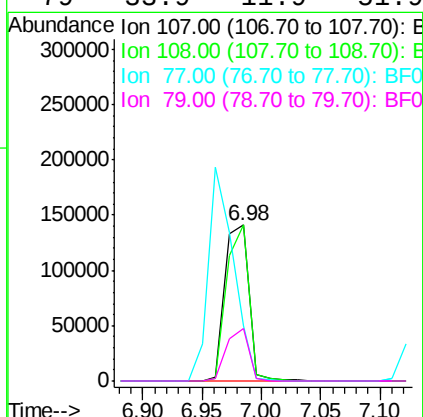
Ion Ratio Lower Upper

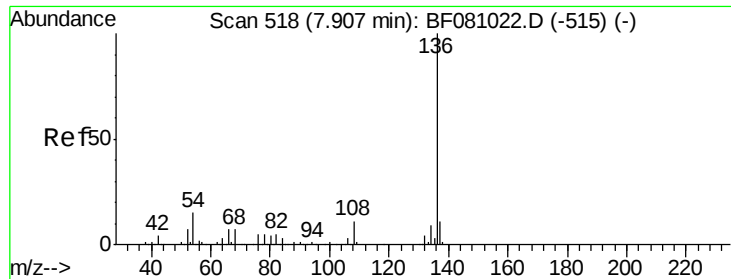
107 100

108 100.0 66.1 106.1

77 35.0 139.3 179.3#

79 33.9 11.9 51.9

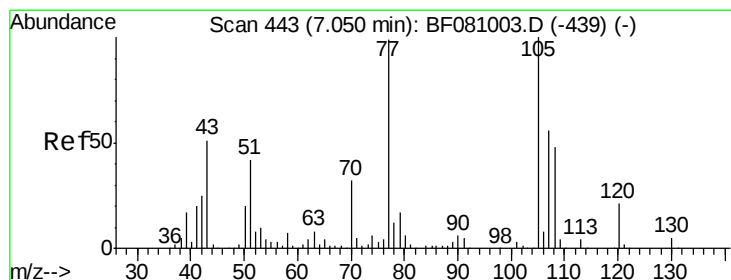
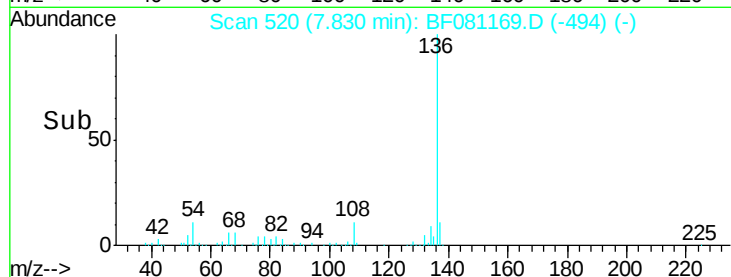
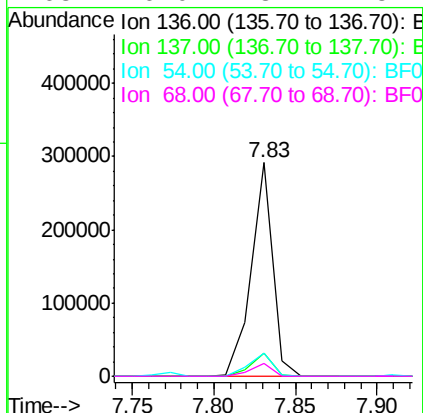
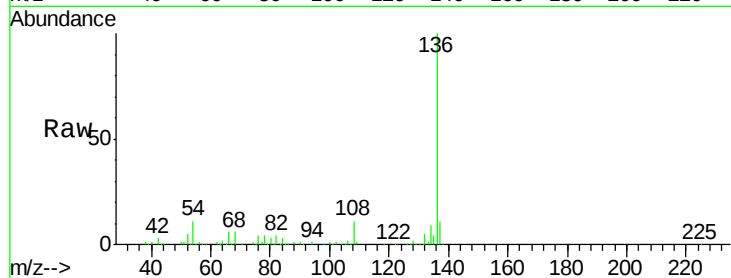




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

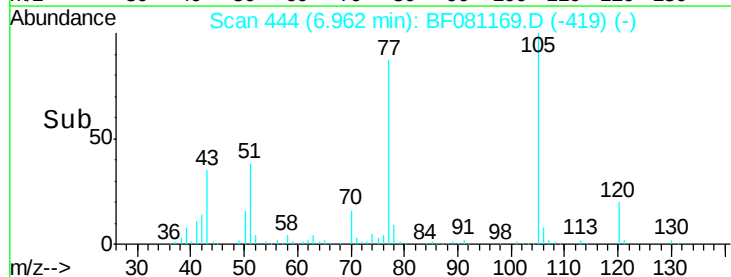
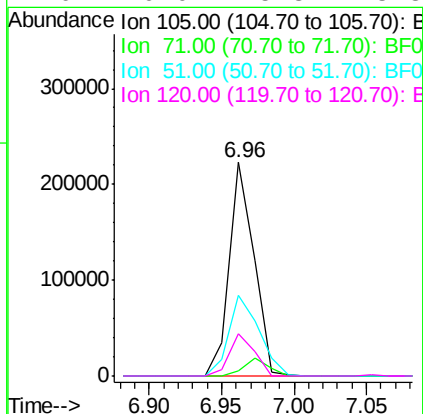
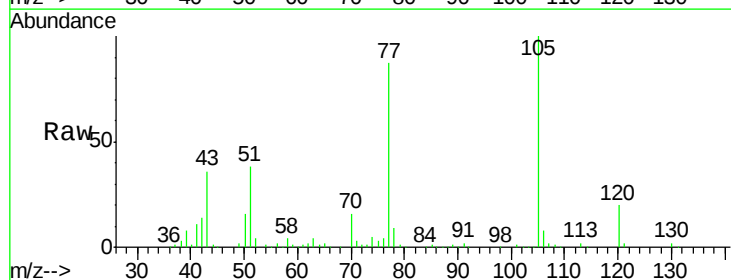
Instrument :
BNA_F
ClientSampleId :
PB85067BS

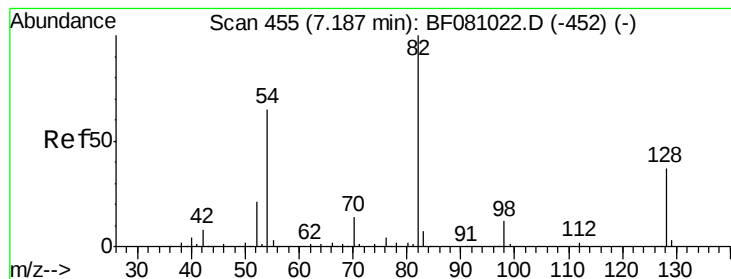
Tgt Ion:	136	Resp:	266805
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.2
54	10.9	7.7	11.5
68	6.0	3.4	5.2#



#22
Acetophenone
Concen: 37.41 ng
RT: 6.96 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion:	105	Resp:	262060
Ion	Ratio	Lower	Upper
105	100		
71	2.7	3.0	4.6#
51	37.8	39.8	59.8#
120	20.0	15.8	23.8





#23

Nitrobenzene-d5

Concen: 75.13 ng

RT: 7.12 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

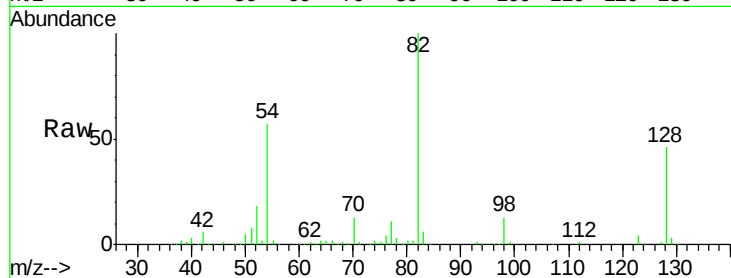
Tgt Ion: 82 Resp: 438789

Ion Ratio Lower Upper

82 100

128 45.8 28.6 42.8#

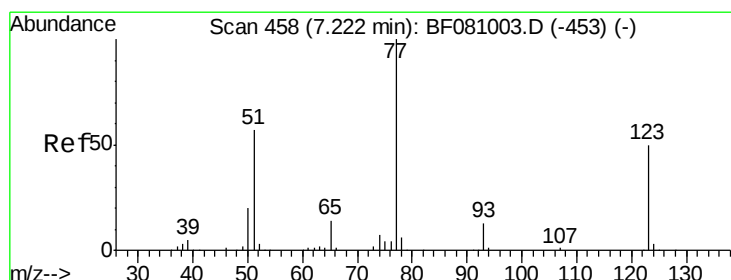
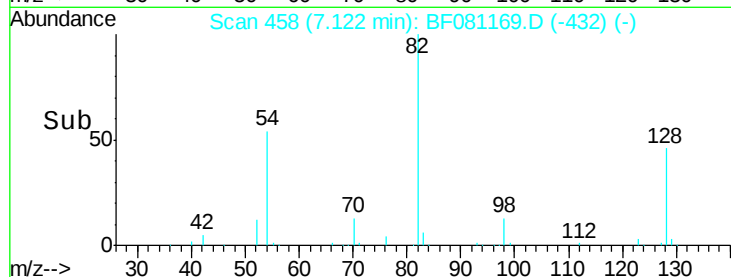
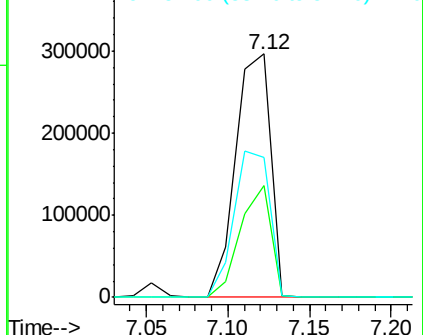
54 57.3 55.1 82.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 34.80 ng

RT: 7.13 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

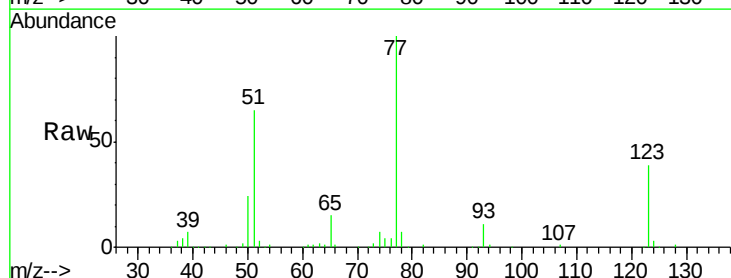
Tgt Ion: 77 Resp: 212497

Ion Ratio Lower Upper

77 100

123 38.5 32.9 49.3

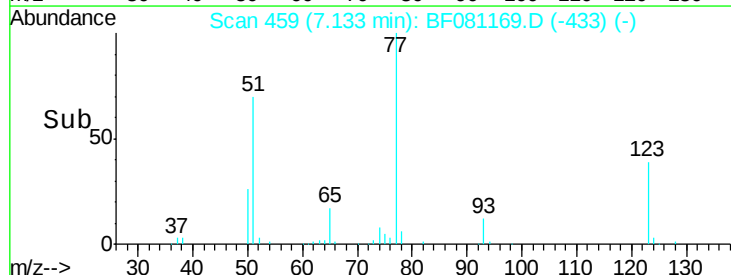
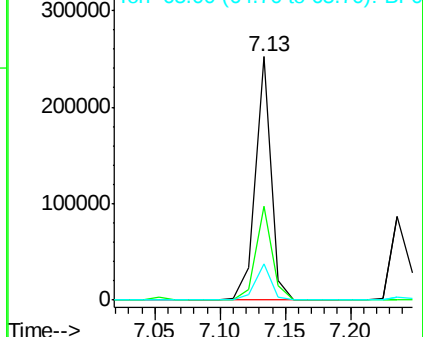
65 15.0 12.5 18.7

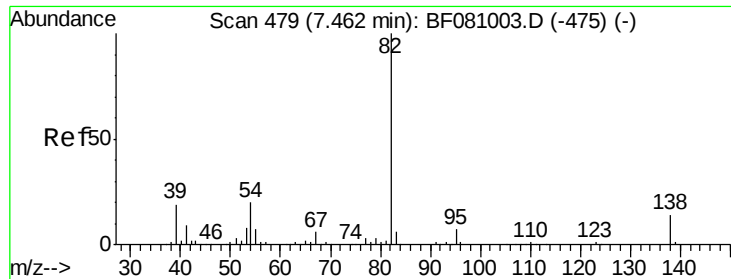


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 35.02 ng

RT: 7.38 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

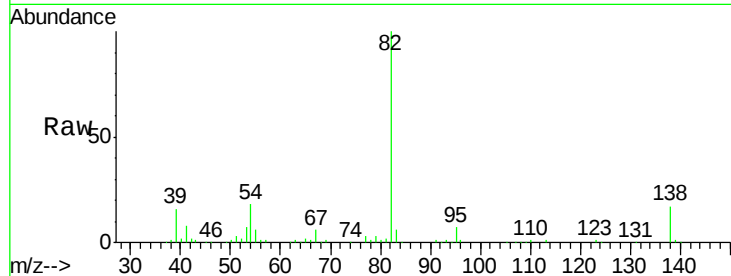
Tgt Ion: 82 Resp: 381381

Ion Ratio Lower Upper

82 100

95 7.2 6.2 9.2

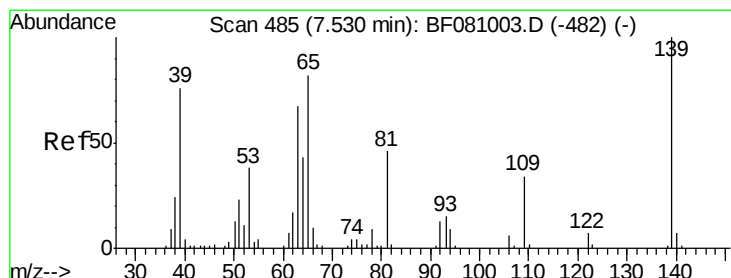
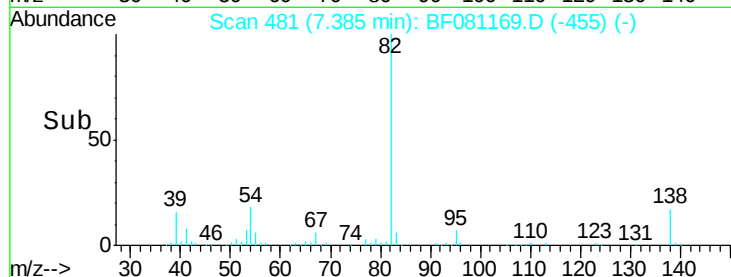
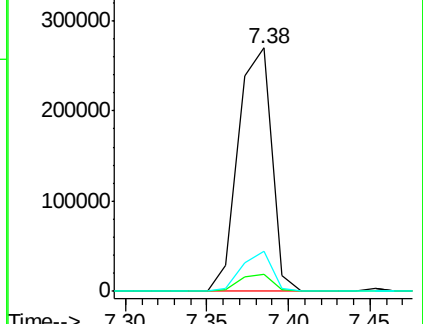
138 16.7 10.5 15.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.09 ng

RT: 7.45 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

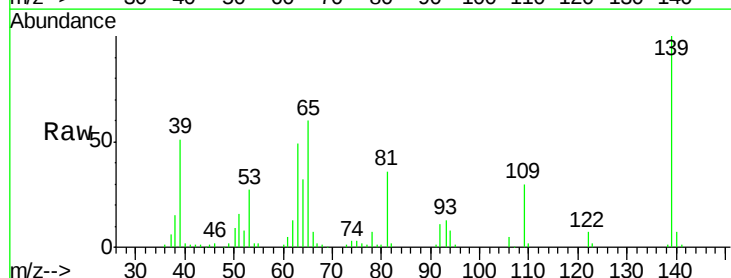
Tgt Ion: 139 Resp: 101813

Ion Ratio Lower Upper

139 100

109 29.8 32.1 48.1#

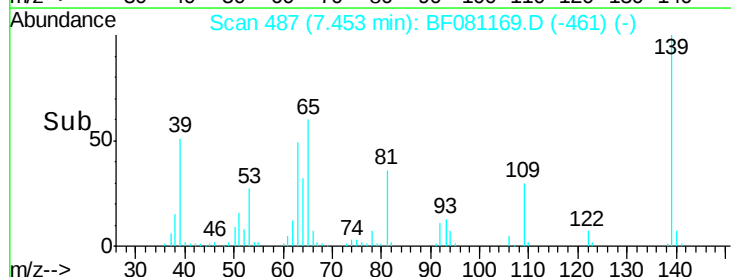
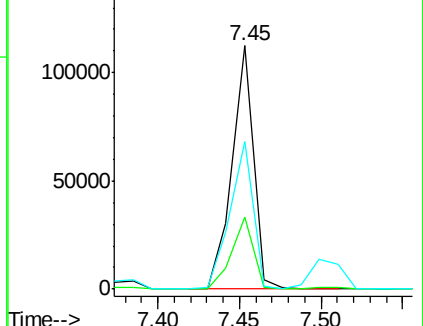
65 60.4 69.9 104.9#

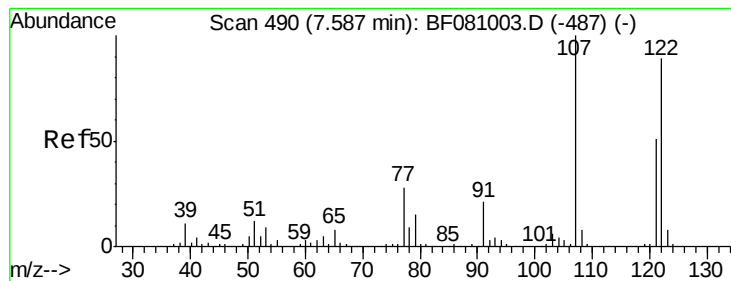


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.90 ng

RT: 7.51 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

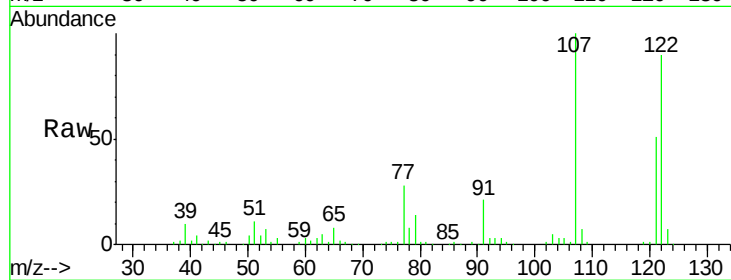
Tgt Ion:122 Resp: 170257

Ion Ratio Lower Upper

122 100

107 111.5 103.8 155.6

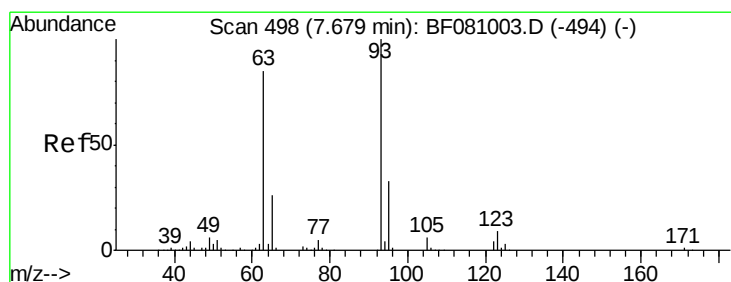
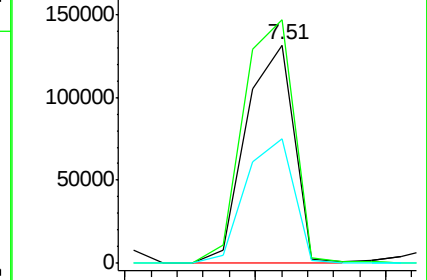
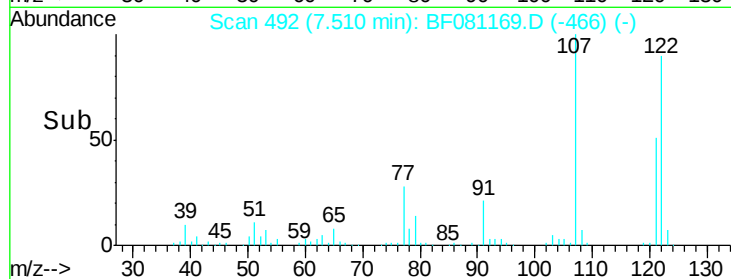
121 57.2 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.42 ng

RT: 7.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

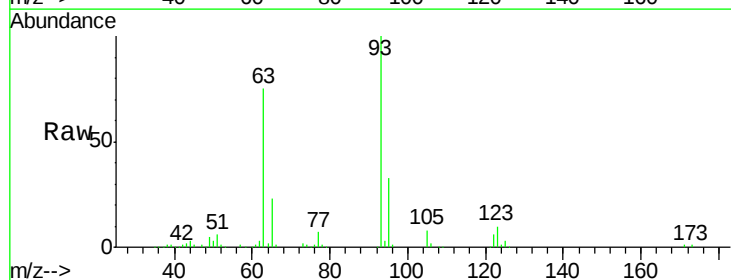
Tgt Ion: 93 Resp: 253648

Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.8

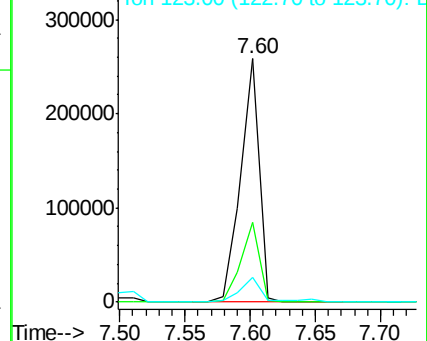
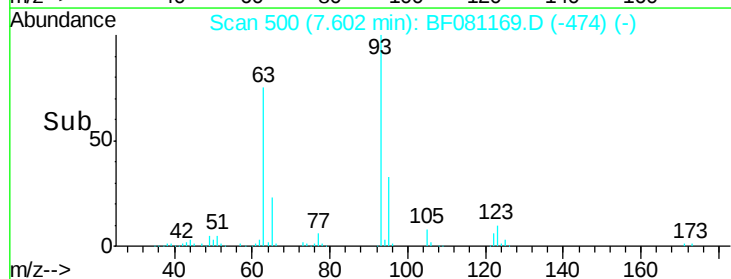
123 10.3 7.4 11.0

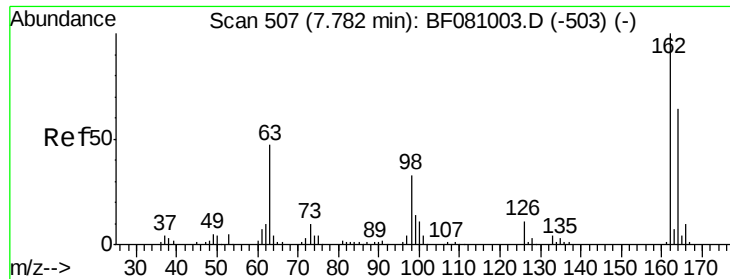


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

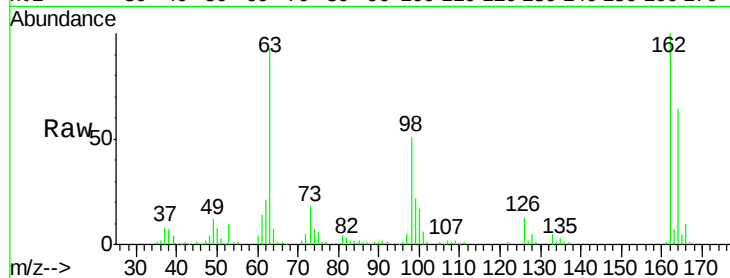




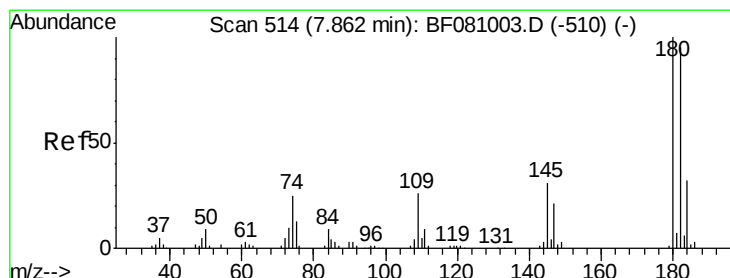
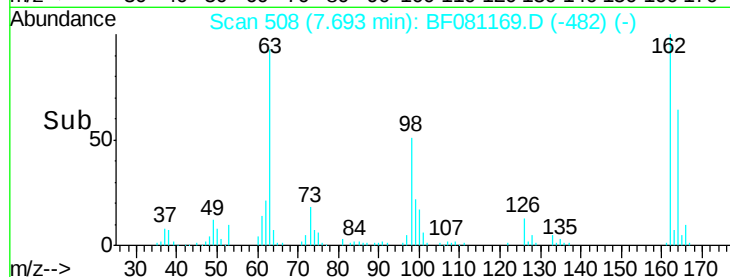
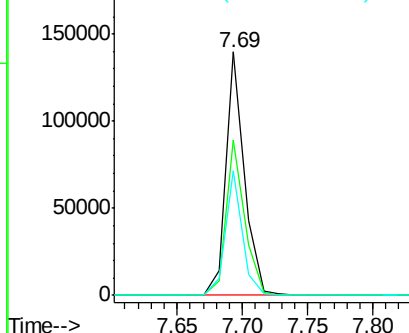
#29
2,4-Dichlorophenol
Concen: 36.34 ng
RT: 7.69 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion:162 Resp: 137460
Ion Ratio Lower Upper
162 100
164 63.9 43.2 83.2
98 51.3 12.3 52.3

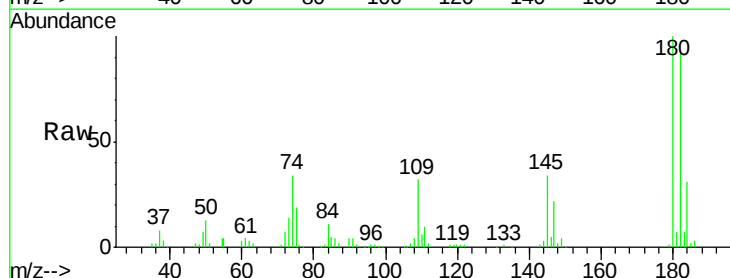


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

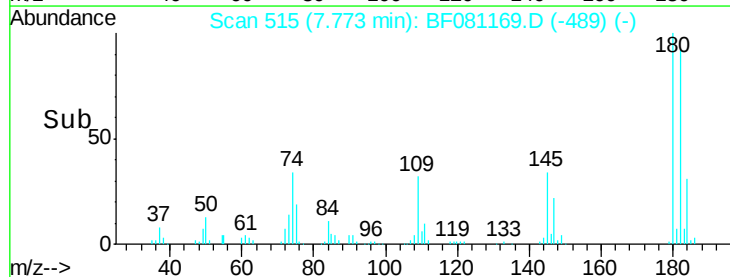
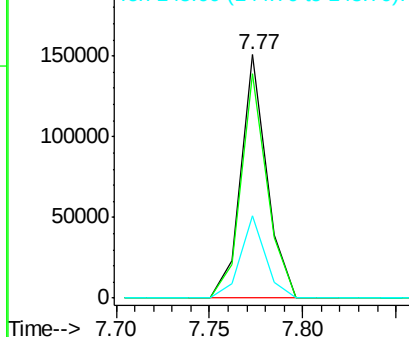


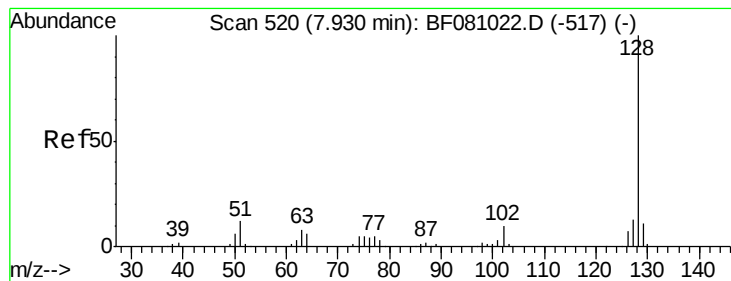
#30
1,2,4-Trichlorobenzene
Concen: 34.92 ng
RT: 7.77 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion:180 Resp: 146805
Ion Ratio Lower Upper
180 100
182 92.0 76.4 114.6
145 34.0 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: 37.08 ng

RT: 7.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

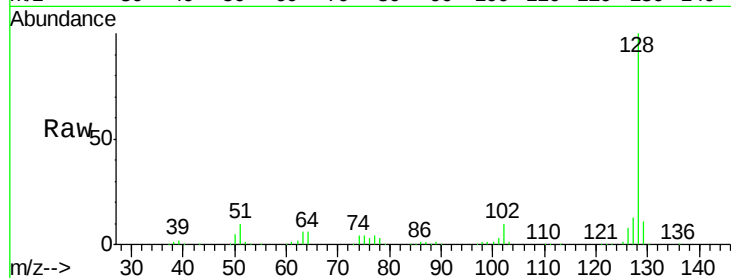
Tgt Ion:128 Resp: 551506

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

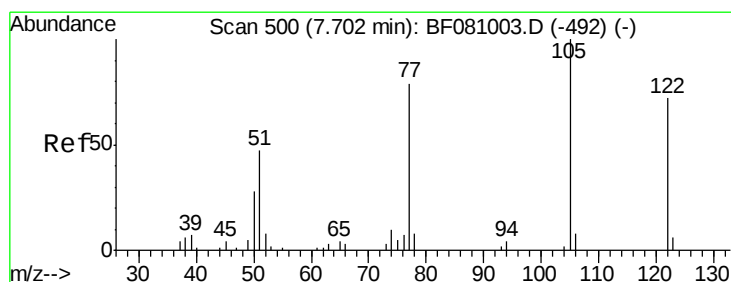
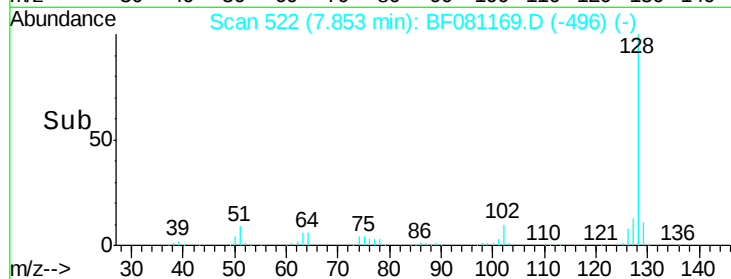
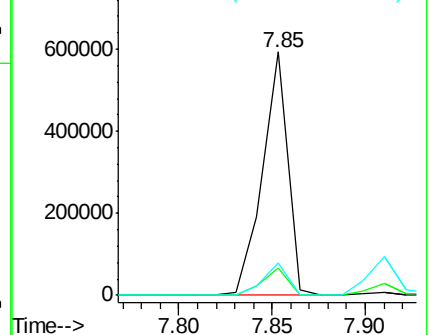
127 13.3 10.6 16.0



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: 46.29 ng

RT: 7.65 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

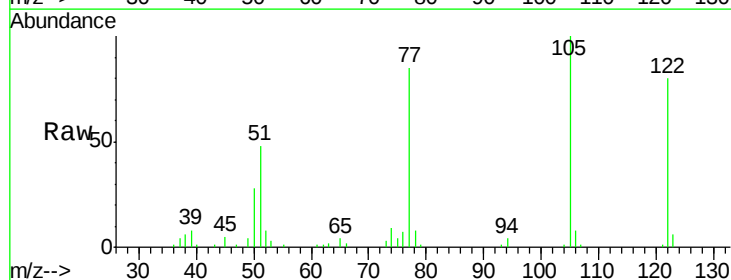
Tgt Ion:122 Resp: 116981

Ion Ratio Lower Upper

122 100

105 125.6 113.8 153.8

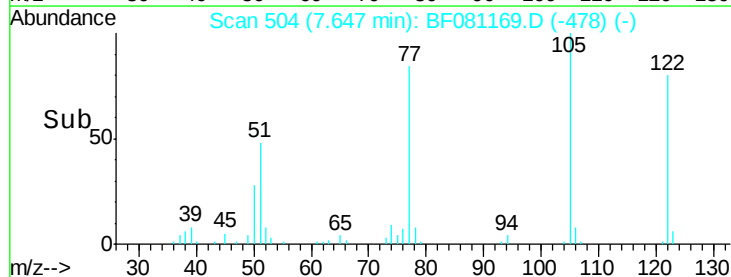
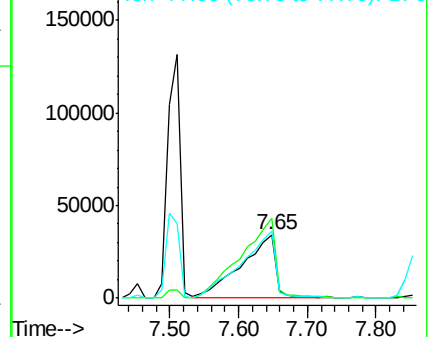
77 106.4 93.8 133.8

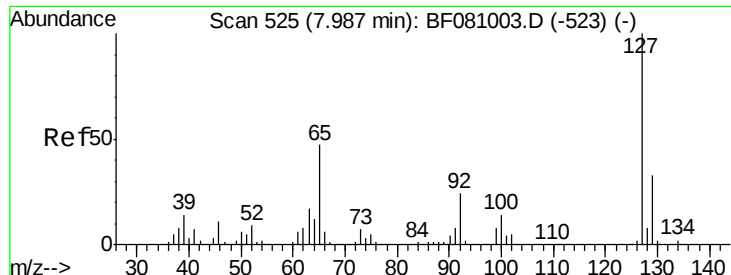


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

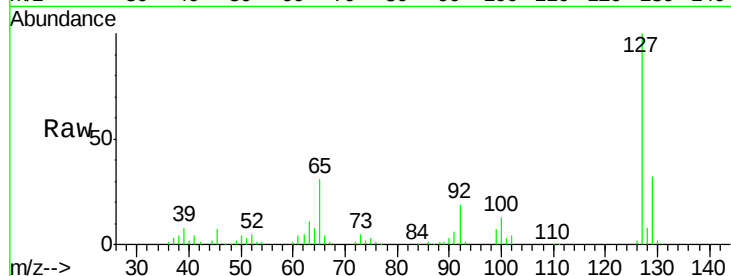




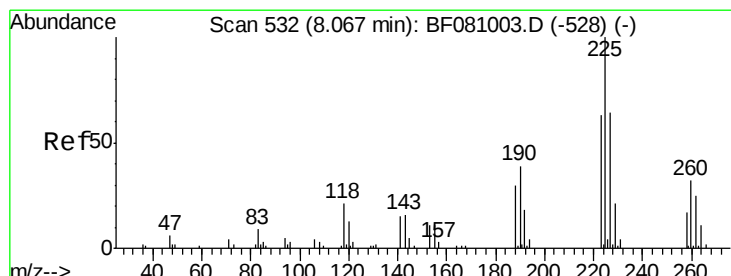
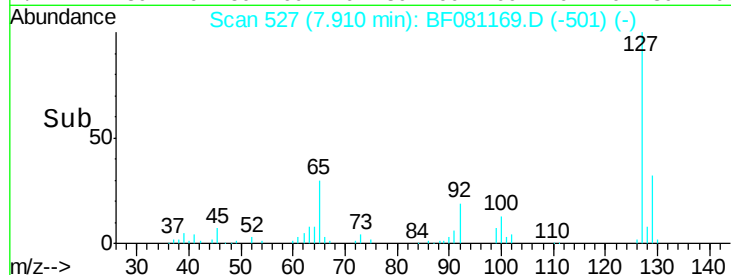
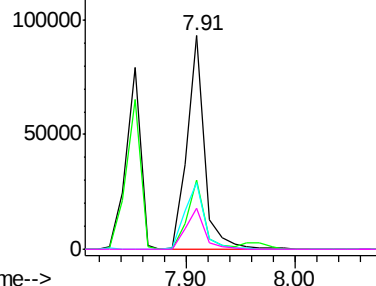
#33
4-Chloroaniline
Concen: 16.78 ng
RT: 7.91 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion:	127	Resp:	105267
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.2	37.8
65	31.2	37.8	56.6#
92	18.9	19.5	29.3#

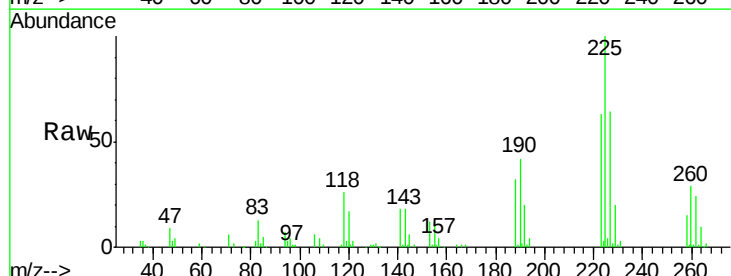


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

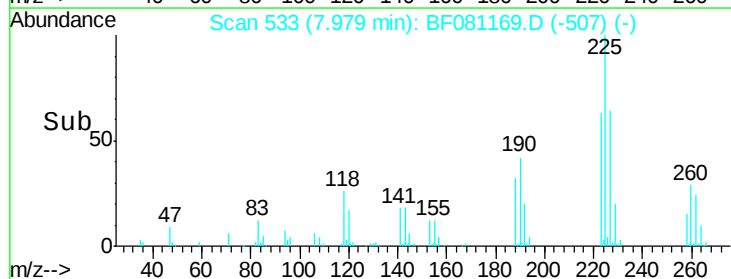
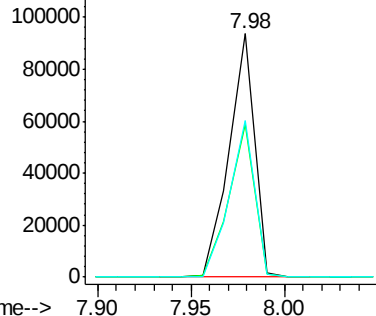


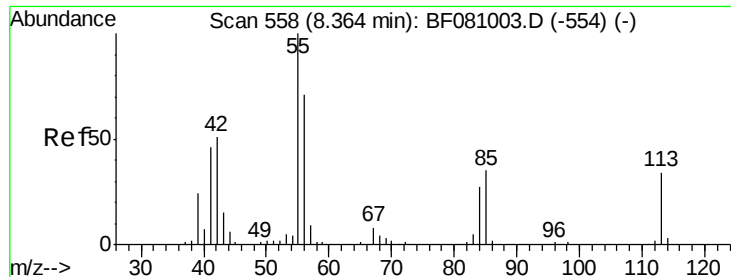
#34
Hexachlorobutadiene
Concen: 37.24 ng
RT: 7.98 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion:	225	Resp:	88533
Ion	Ratio	Lower	Upper
225	100		
223	62.6	52.6	79.0
227	64.2	51.1	76.7



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

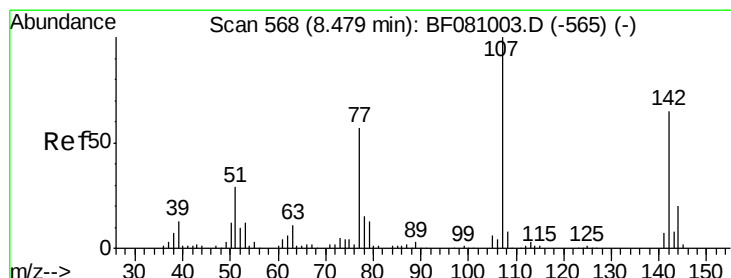
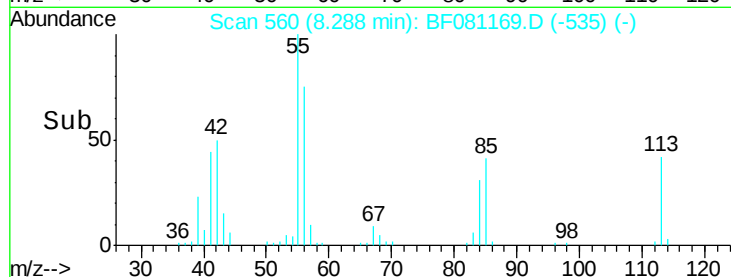
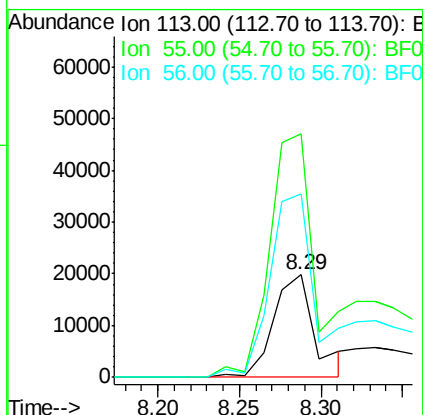
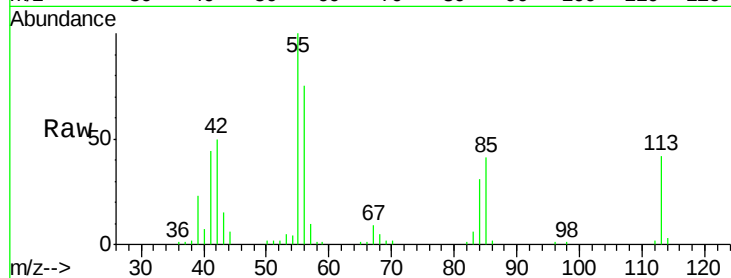




#35
 Caprolactam
 Concen: 26.26 ng
 RT: 8.29 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

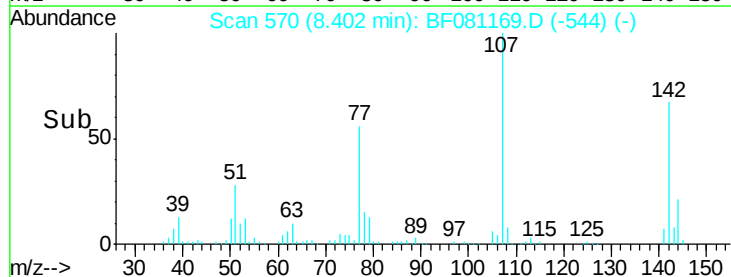
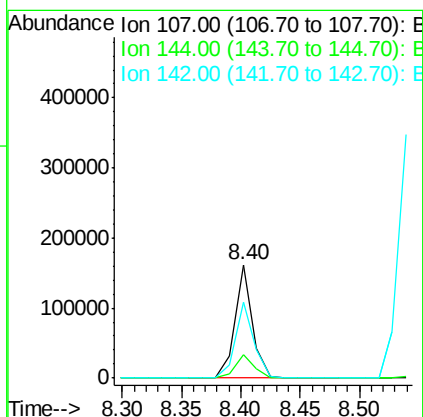
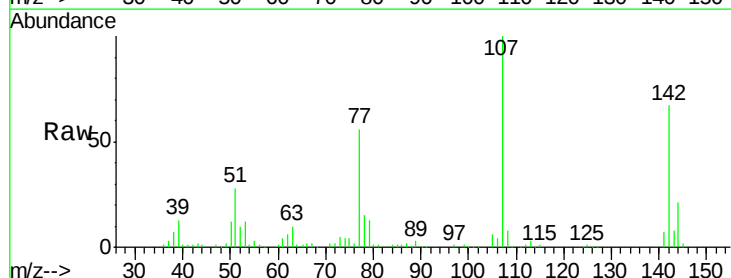
Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

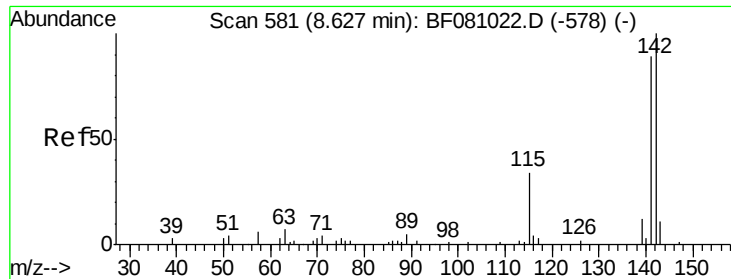
Tgt Ion:113 Resp: 34722
 Ion Ratio Lower Upper
 113 100
 55 237.6 280.4 320.4#
 56 179.1 205.9 245.9#



#36
 4-Chloro-3-methylphenol
 Concen: 36.82 ng
 RT: 8.40 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion:107 Resp: 166004
 Ion Ratio Lower Upper
 107 100
 144 20.8 17.2 25.8
 142 67.0 54.9 82.3

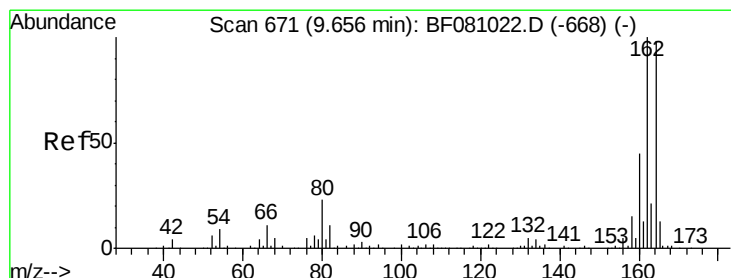
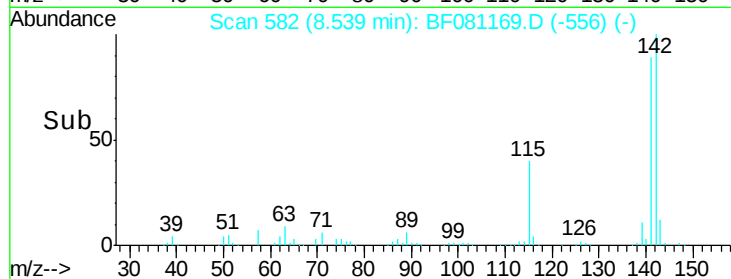
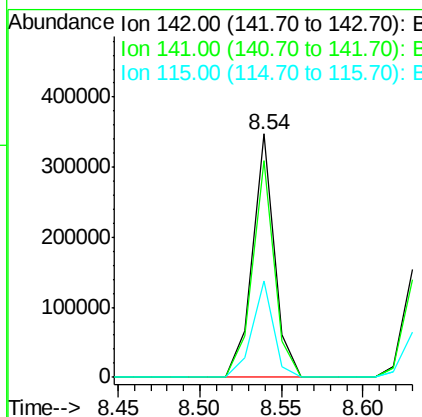
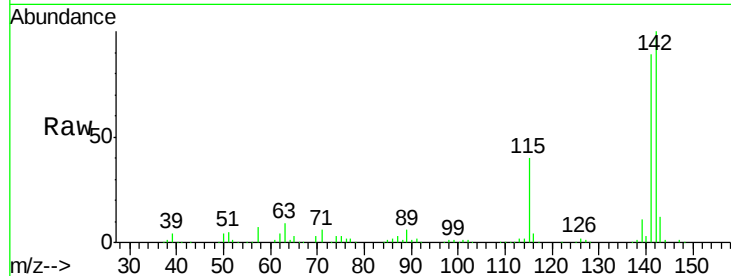




#37
 2-Methylnaphthalene
 Concen: 34.95 ng
 RT: 8.54 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

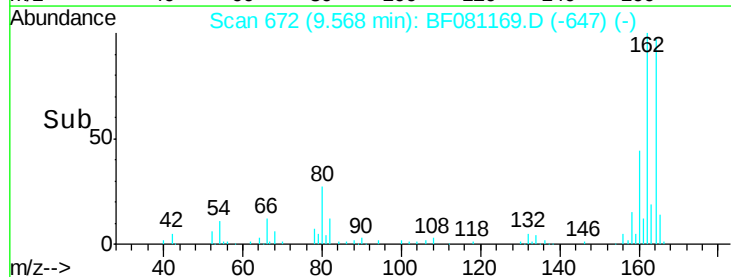
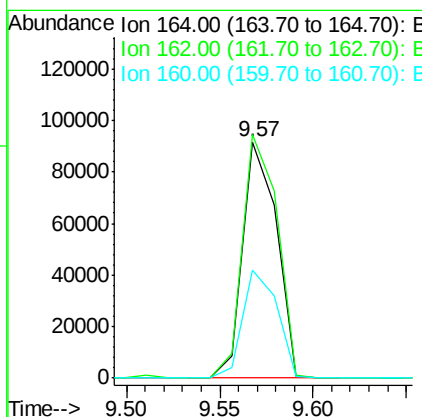
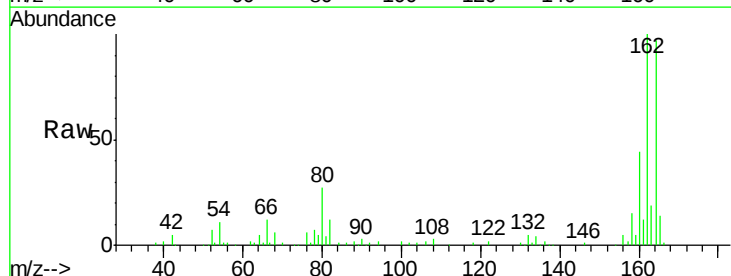
Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

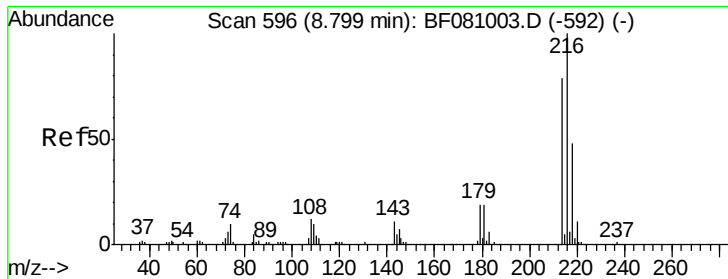
Tgt Ion:142 Resp: 328316
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.4 107.2
 115 39.6 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion:164 Resp: 115267
 Ion Ratio Lower Upper
 164 100
 162 103.0 83.8 125.8
 160 45.5 39.8 59.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.68 ng

RT: 8.71 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

Tgt Ion:216 Resp: 147564

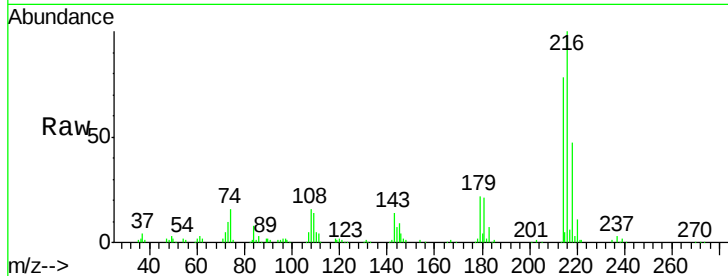
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.8

179 22.9 17.8 26.8

108 22.6 16.2 24.2

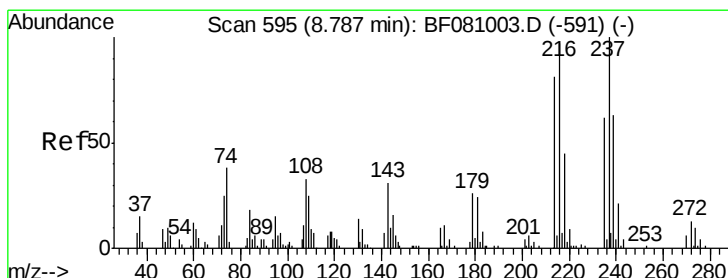
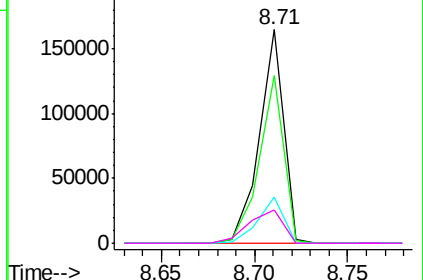
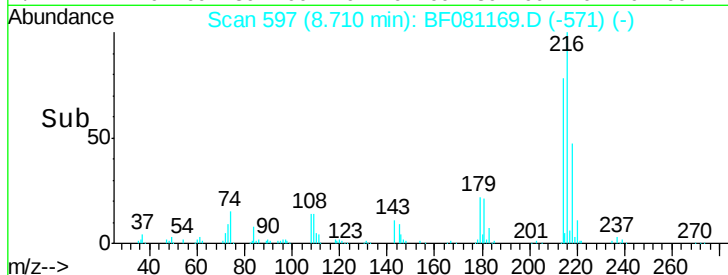


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.88 ng

RT: 8.70 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

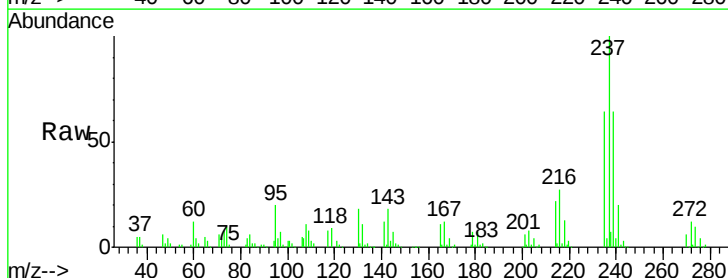
Tgt Ion:237 Resp: 149911

Ion Ratio Lower Upper

237 100

235 63.6 43.6 83.6

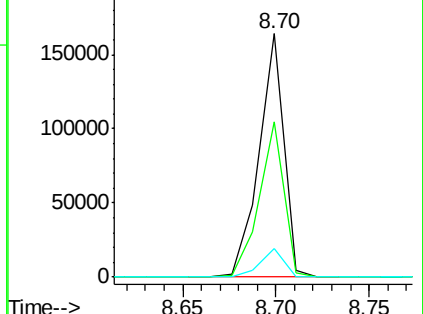
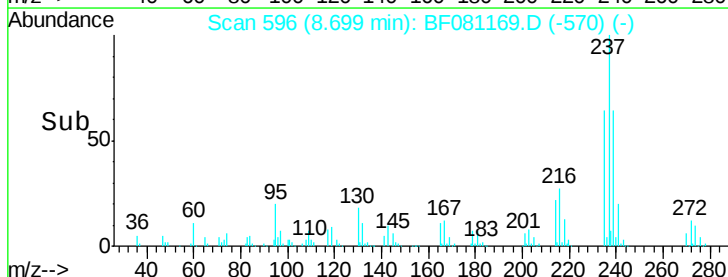
272 11.6 0.0 32.2

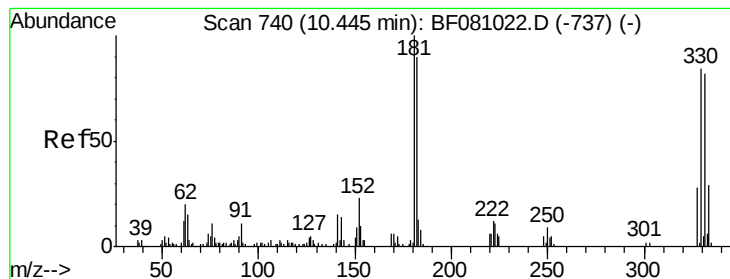


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 109.13 ng

RT: 10.36 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

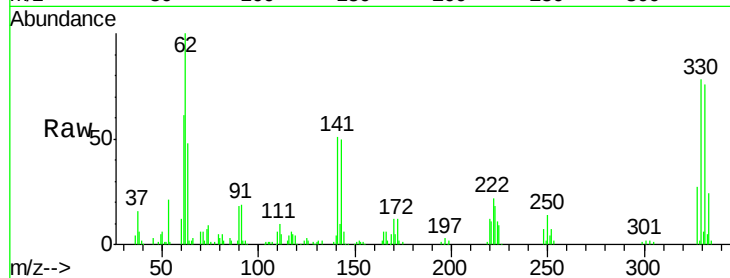
Tgt Ion:330 Resp: 109041

Ion Ratio Lower Upper

330 100

332 98.1 77.3 115.9

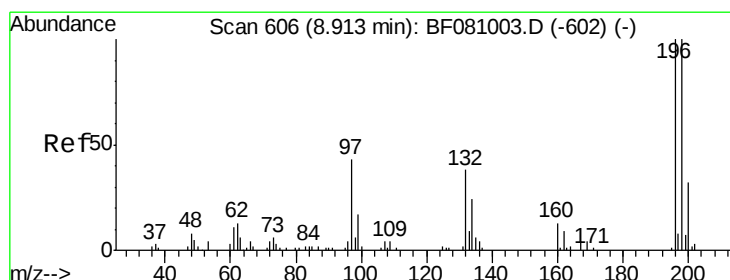
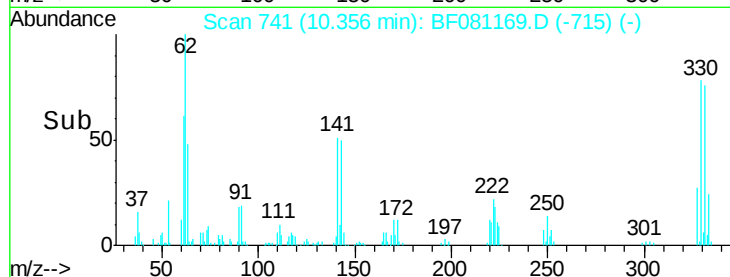
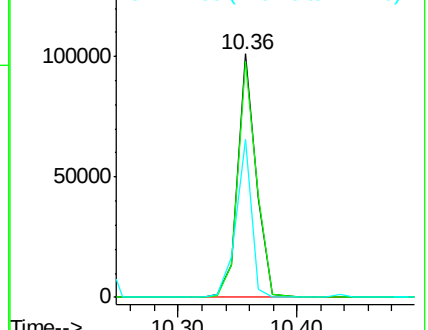
141 55.3 44.9 67.3



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: 40.81 ng

RT: 8.82 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

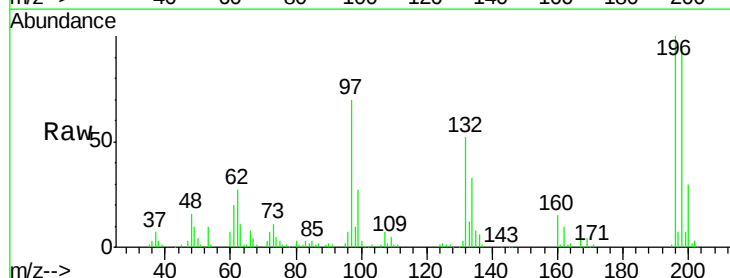
Tgt Ion:196 Resp: 107220

Ion Ratio Lower Upper

196 100

198 94.5 74.6 111.8

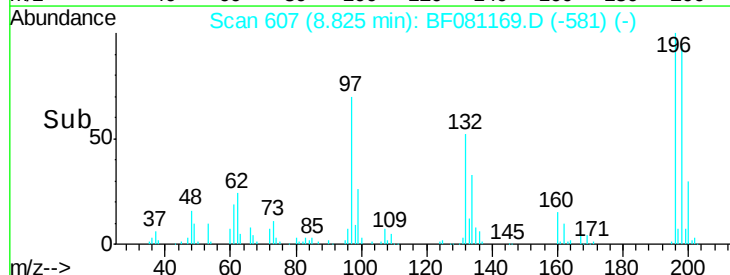
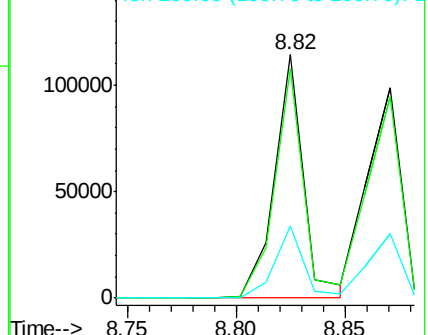
200 29.7 22.7 34.1

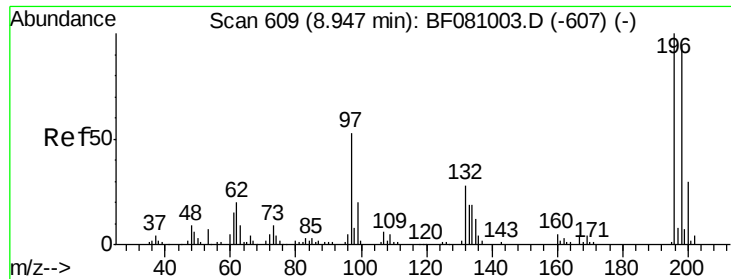


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

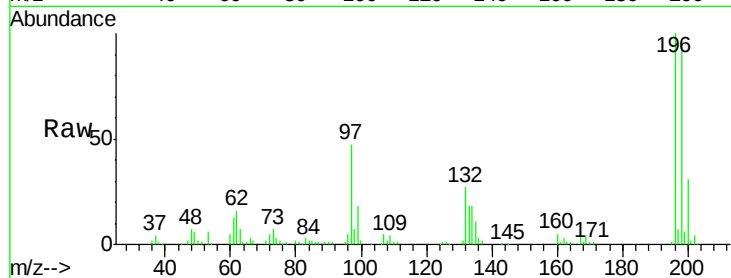




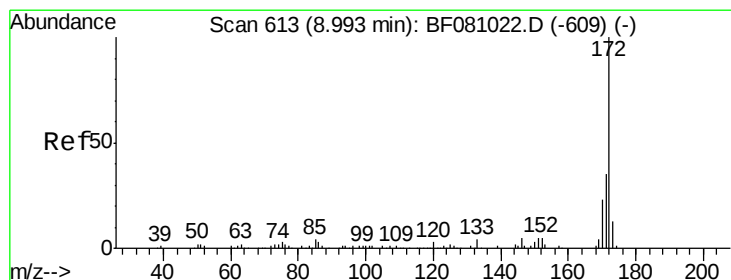
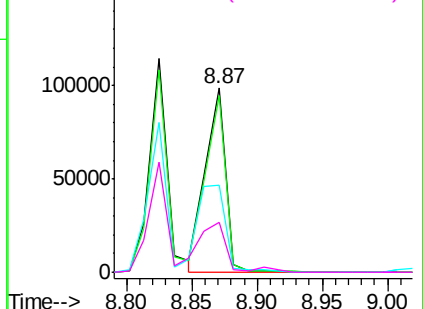
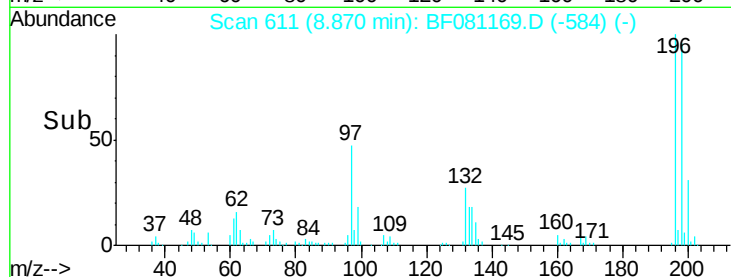
#43
 2,4,5-Trichlorophenol
 Concen: 41.01 ng
 RT: 8.87 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion:196 Resp: 107692
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.3 117.5
 97 47.0 42.7 64.1
 132 27.1 23.3 34.9

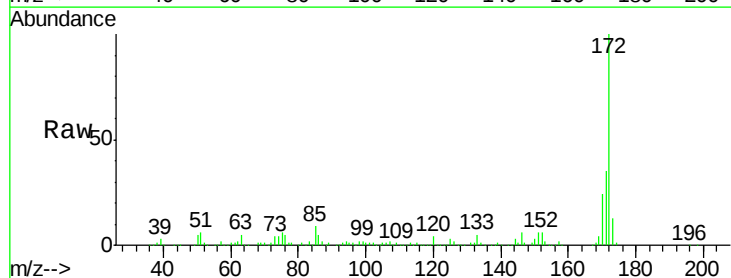


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

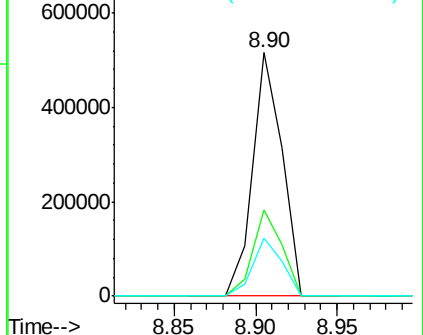
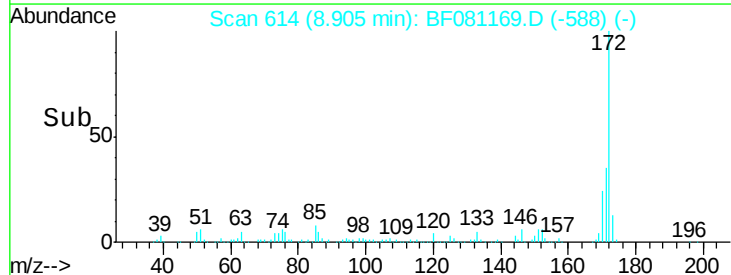


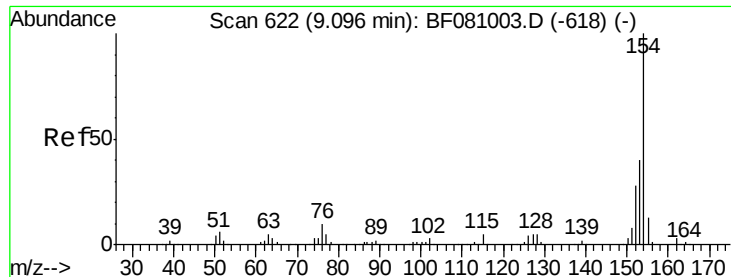
#44
 2-Fluorobiphenyl
 Concen: 73.53 ng
 RT: 8.90 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion:172 Resp: 646819
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 23.9 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

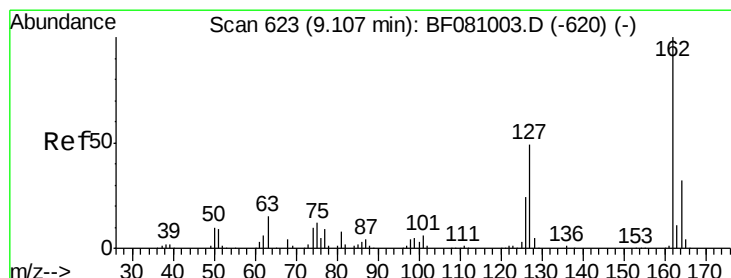
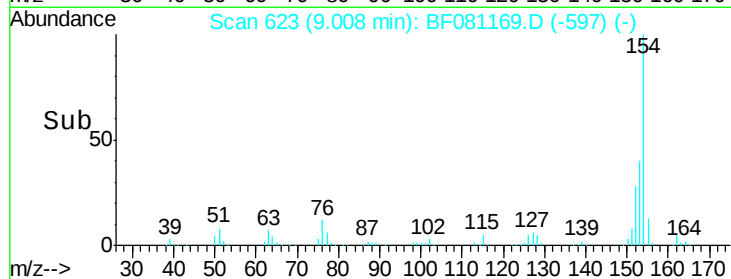
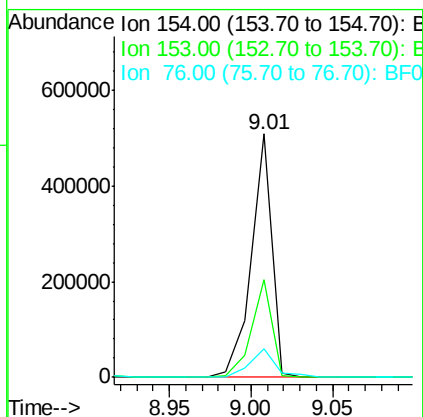
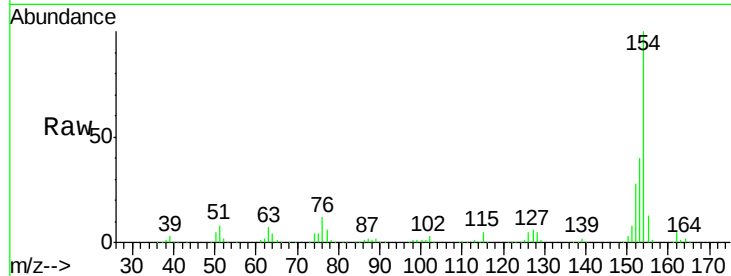




#45
 1,1'-Biphenyl
 Concen: 43.71 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

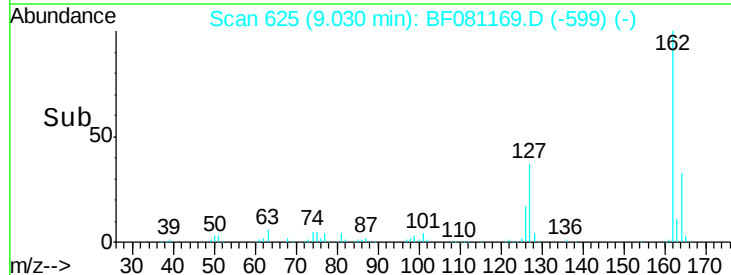
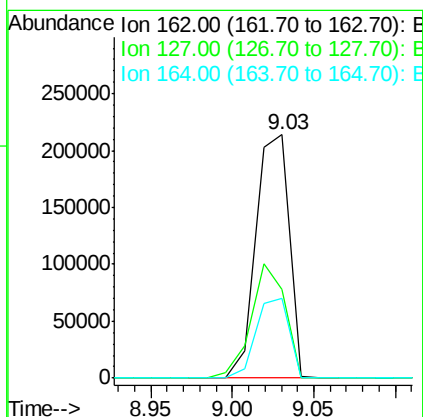
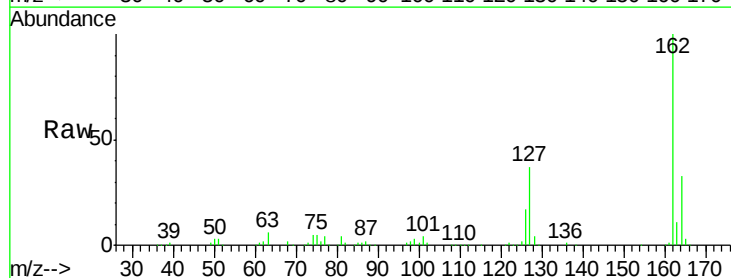
Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion:154 Resp: 443743
 Ion Ratio Lower Upper
 154 100
 153 40.2 19.5 59.5
 76 11.8 0.0 29.3



#46
 2-Chloronaphthalene
 Concen: 37.18 ng
 RT: 9.03 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion:162 Resp: 303289
 Ion Ratio Lower Upper
 162 100
 127 36.6 31.3 46.9
 164 33.0 26.3 39.5

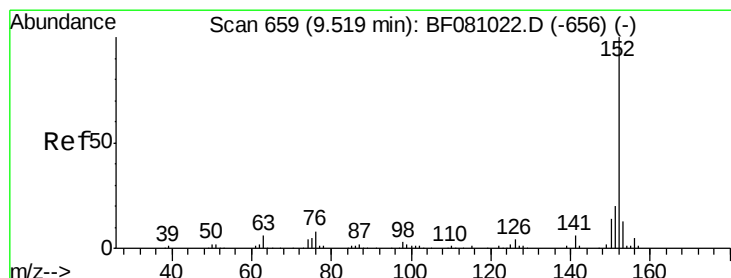
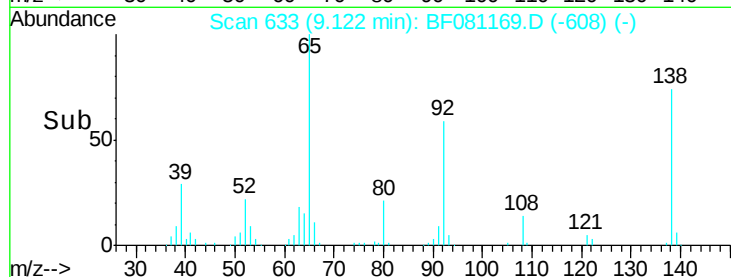
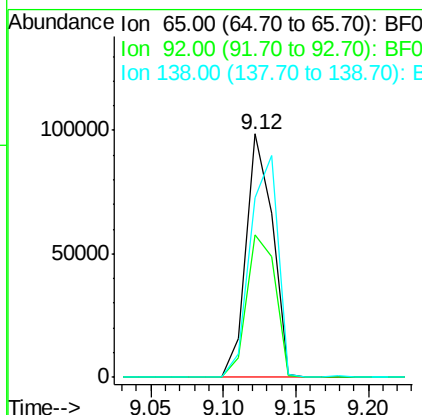
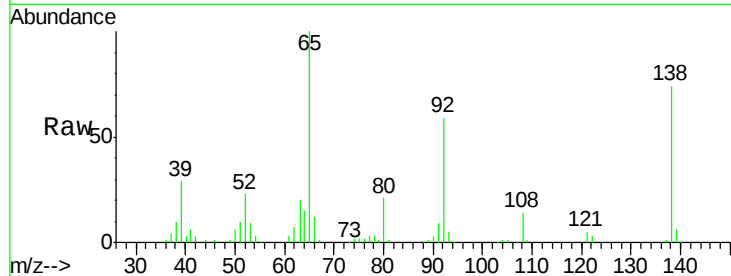




#47
 2-Nitroaniline
 Concen: 37.47 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

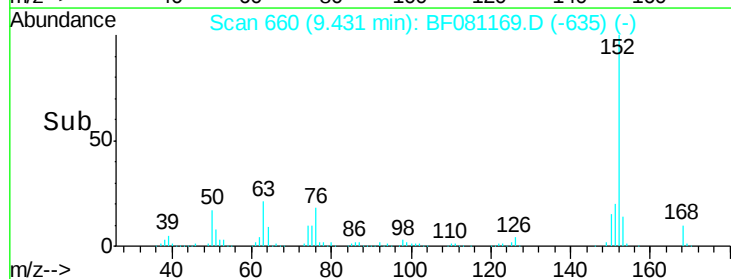
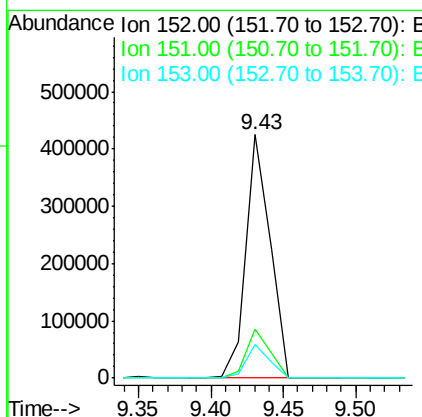
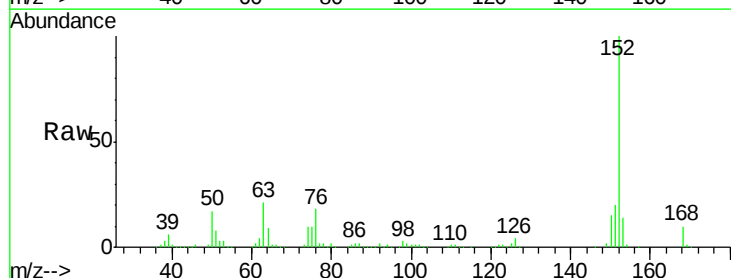
Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion:	65	Resp:	125080
Ion	Ratio	Lower	Upper
65	100		
92	58.6	45.6	68.4
138	73.6	57.9	86.9



#48
 Acenaphthylene
 Concen: 33.65 ng
 RT: 9.43 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion:	152	Resp:	491031
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.6	9.8	14.6





#49

Dimethylphthalate

Concen: 36.63 ng

RT: 9.32 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

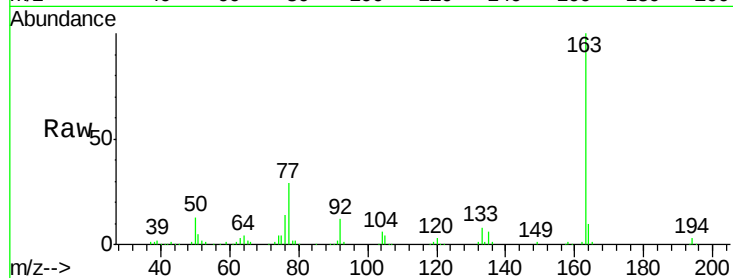
Tgt Ion:163 Resp: 347748

Ion Ratio Lower Upper

163 100

194 3.0 2.5 3.7

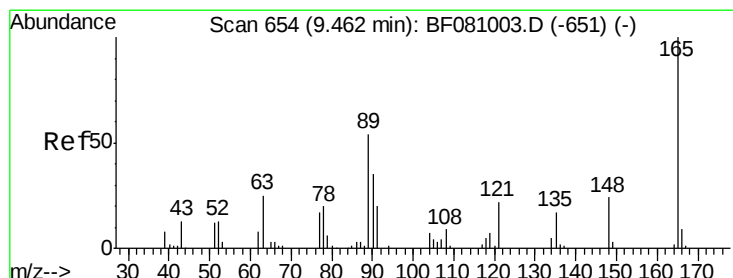
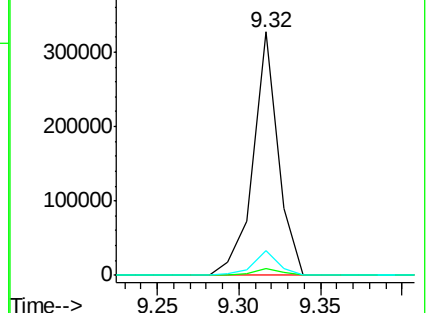
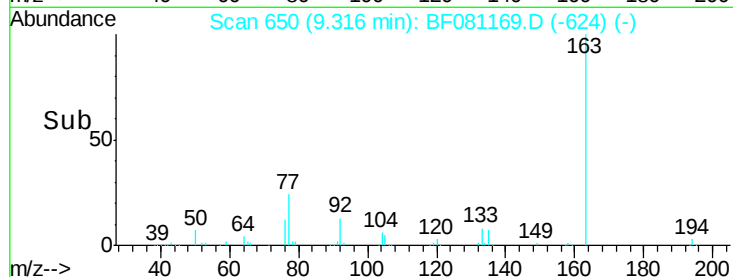
164 10.4 8.1 12.1



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: 36.54 ng

RT: 9.37 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

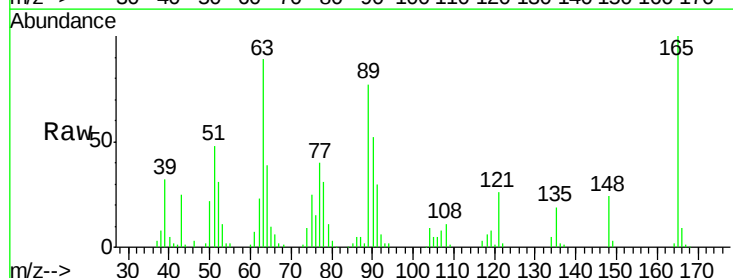
Tgt Ion:165 Resp: 74468

Ion Ratio Lower Upper

165 100

63 88.6 49.5 74.3#

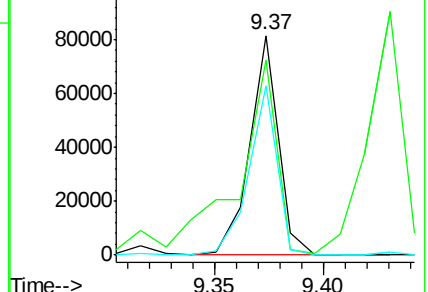
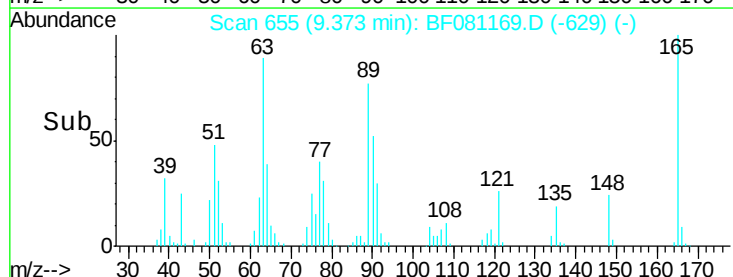
89 77.3 47.6 71.4#

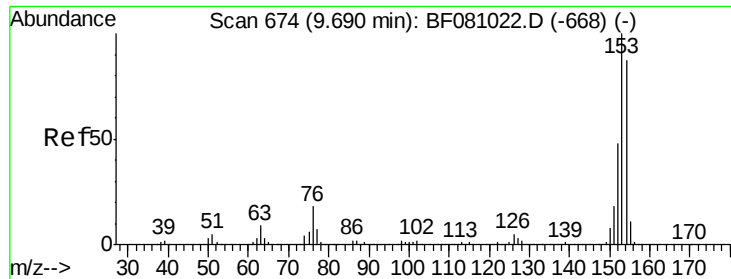


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.10 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

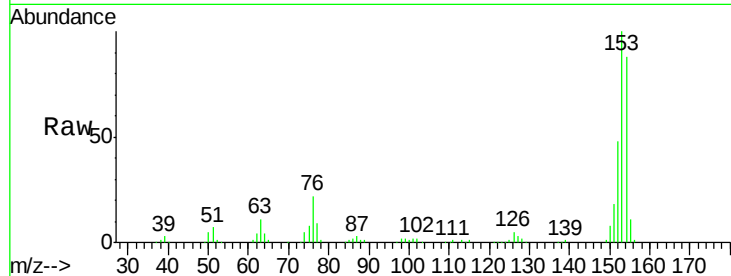
Tgt Ion:154 Resp: 289151

Ion Ratio Lower Upper

154 100

153 114.1 91.4 137.2

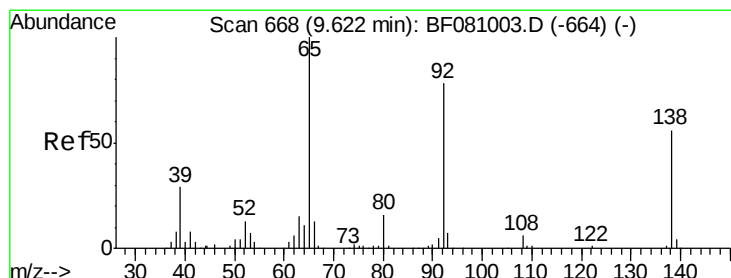
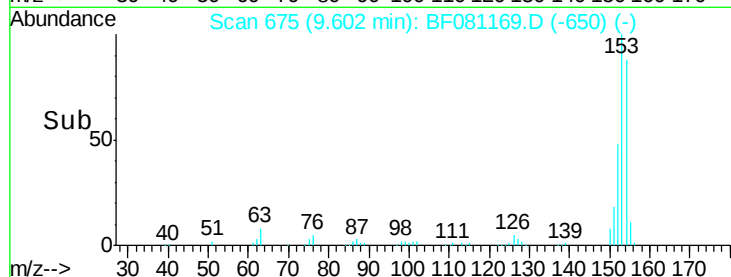
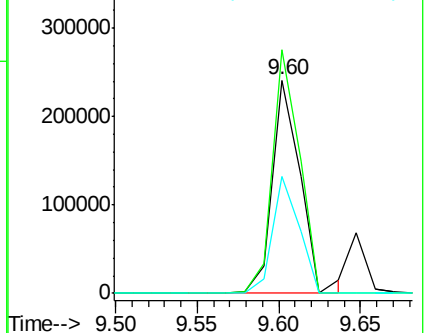
152 54.7 43.7 65.5



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: 22.58 ng

RT: 9.53 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

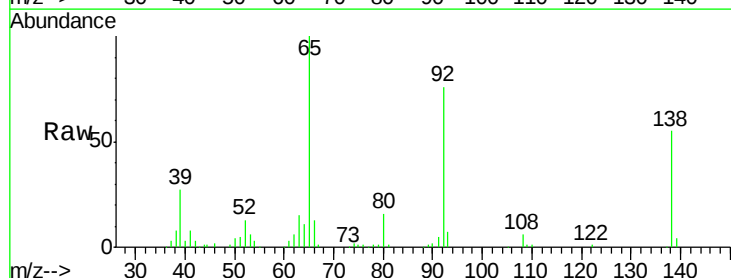
Tgt Ion:138 Resp: 57598

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.2

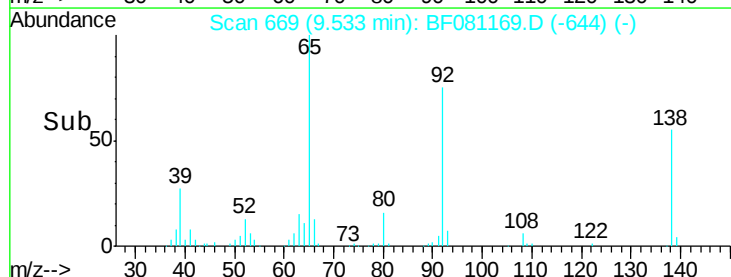
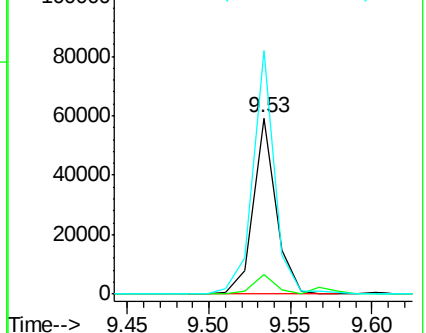
92 138.0 113.2 169.8



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

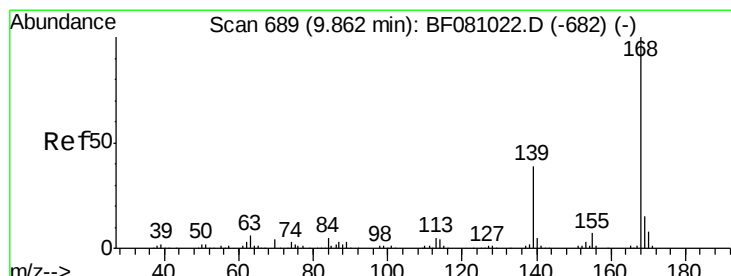
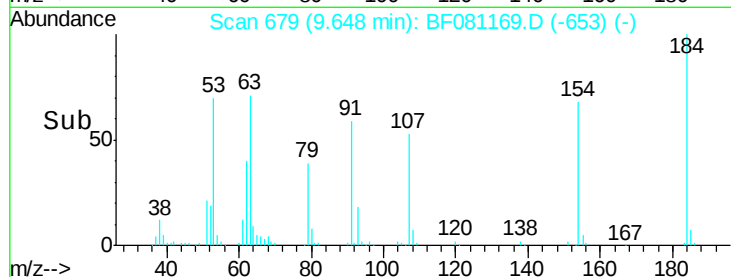
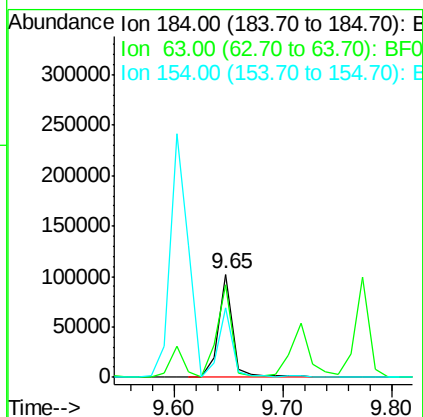
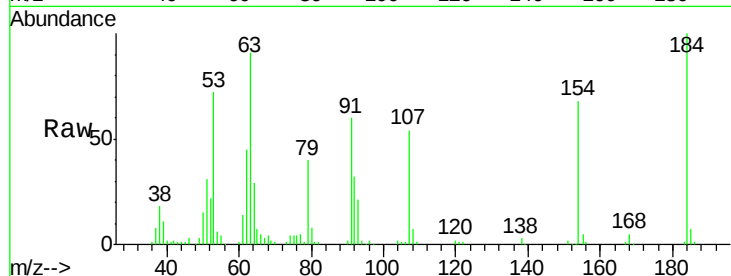




#53
 2,4-Dinitrophenol
 Concen: 83.07 ng
 RT: 9.65 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

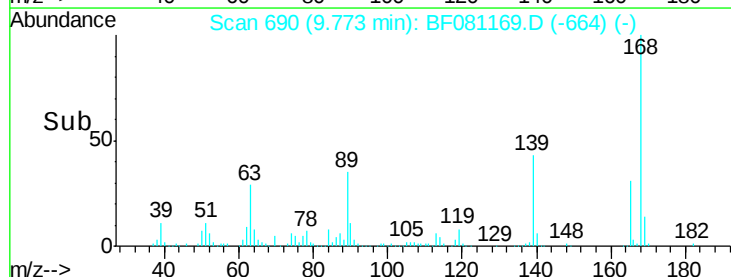
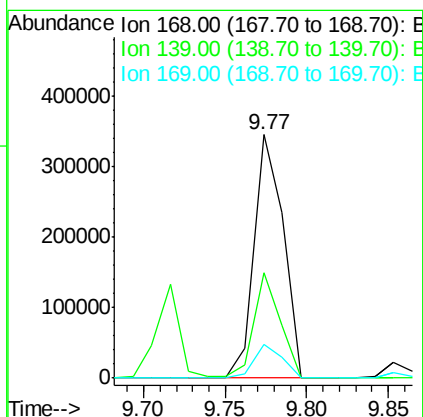
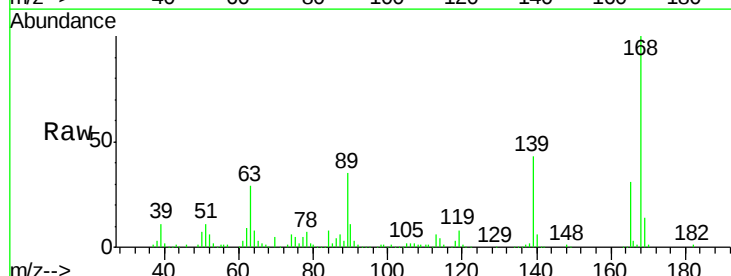
Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion:184 Resp: 95428
 Ion Ratio Lower Upper
 184 100
 63 90.6 101.7 152.5#
 154 67.7 67.4 101.0



#54
 Dibenzofuran
 Concen: 36.68 ng
 RT: 9.77 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion:168 Resp: 429354
 Ion Ratio Lower Upper
 168 100
 139 43.4 29.3 43.9
 169 13.8 10.3 15.5

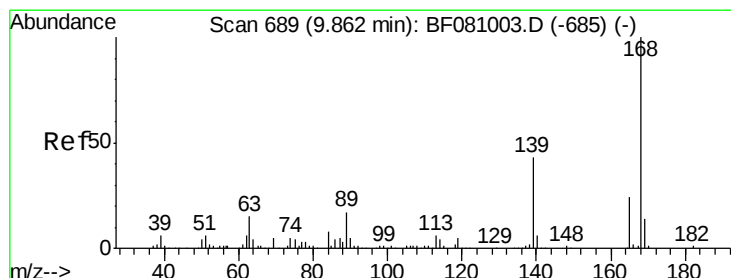
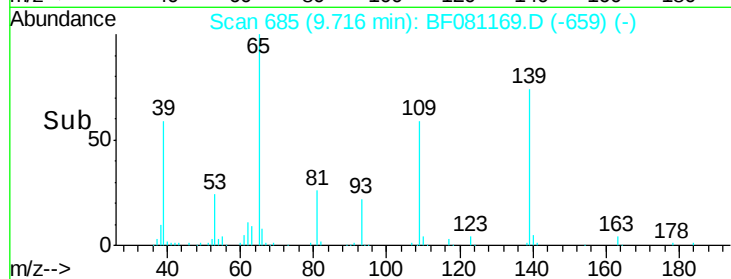
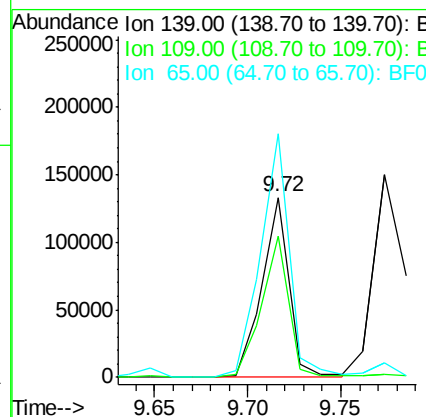
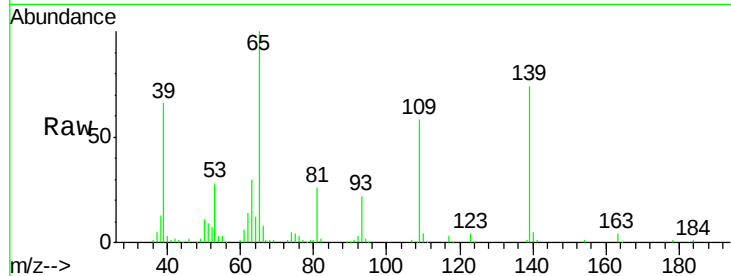




#55
4-Nitrophenol
Concen: 74.69 ng
RT: 9.72 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

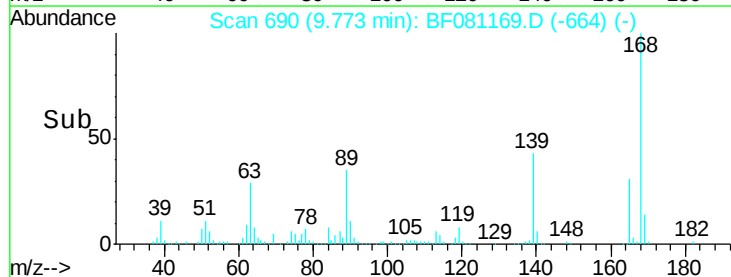
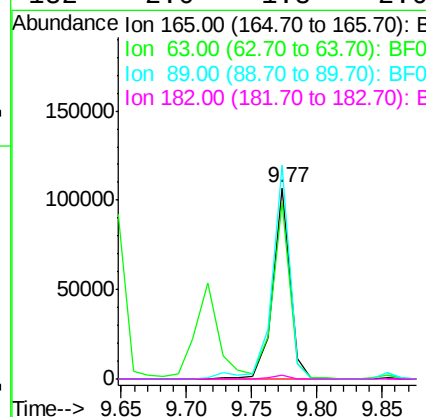
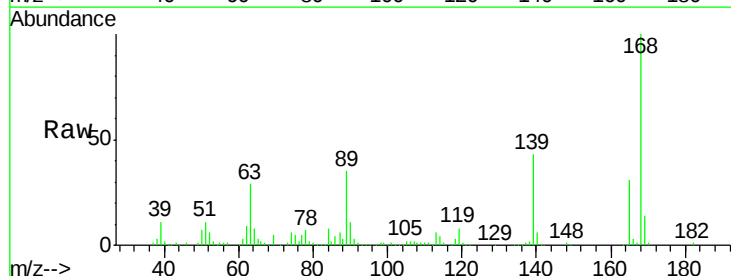
Instrument :
BNA_F
ClientSampleId :
PB85067BS

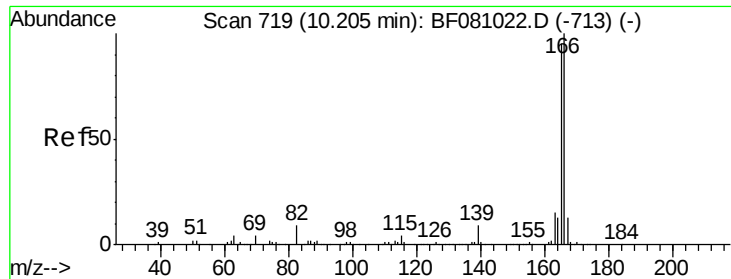
Tgt Ion:139 Resp: 133799
Ion Ratio Lower Upper
139 100
109 78.9 80.0 120.0#
65 135.6 138.3 178.3#



#56
2,4-Dinitrotoluene
Concen: 36.72 ng
RT: 9.77 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion:165 Resp: 99185
Ion Ratio Lower Upper
165 100
63 92.9 52.2 78.4#
89 111.9 60.1 90.1#
182 2.0 1.8 2.6

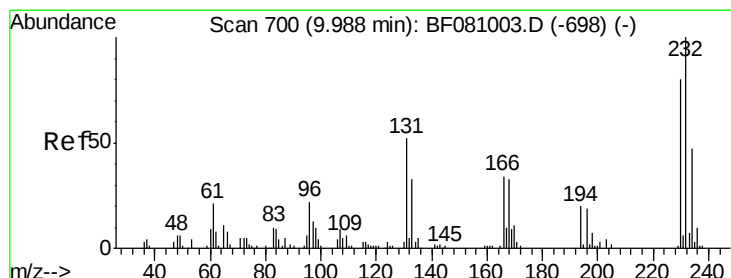
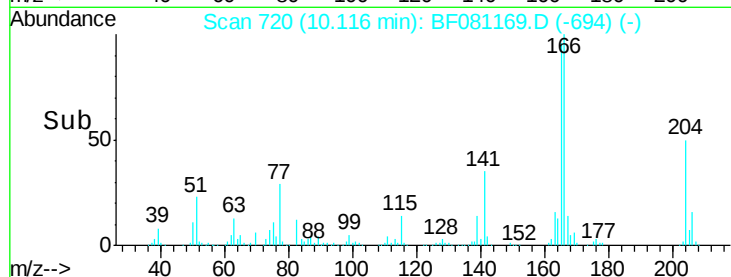
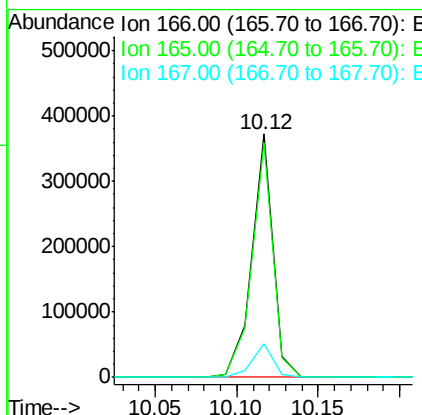
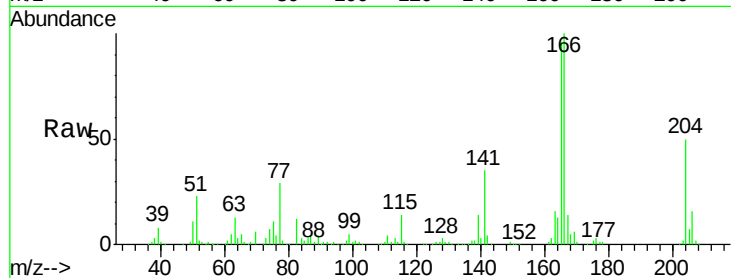




#57
 Fluorene
 Concen: 37.19 ng
 RT: 10.12 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

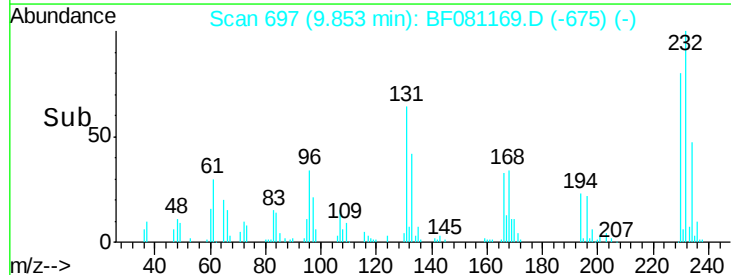
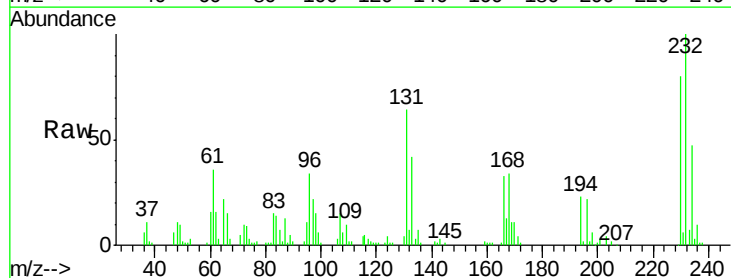
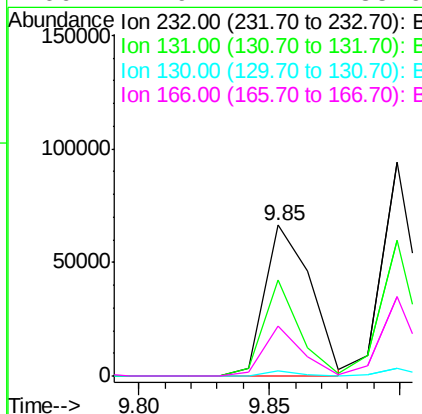
Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

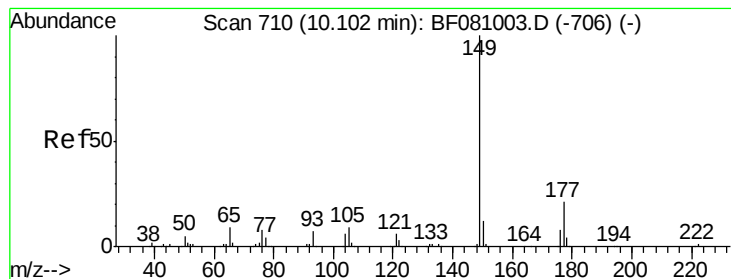
Tgt Ion:166 Resp: 334882
 Ion Ratio Lower Upper
 166 100
 165 96.3 75.8 113.8
 167 13.9 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.03 ng
 RT: 9.85 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion:232 Resp: 81349
 Ion Ratio Lower Upper
 232 100
 131 50.1 42.2 63.4
 130 2.5 2.1 3.1
 166 27.9 22.4 33.6





#59

Diethylphthalate

Concen: 38.32 ng

RT: 10.01 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampled :

PB85067BS

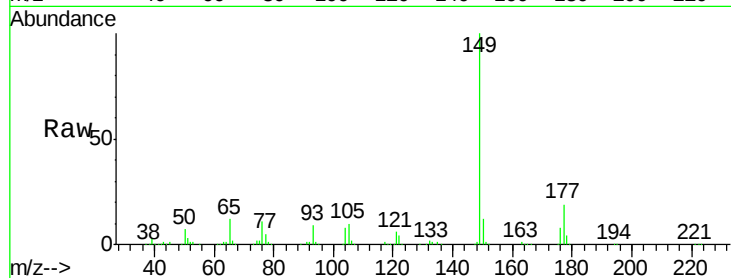
Tgt Ion:149 Resp: 384994

Ion Ratio Lower Upper

149 100

177 19.1 14.1 21.1

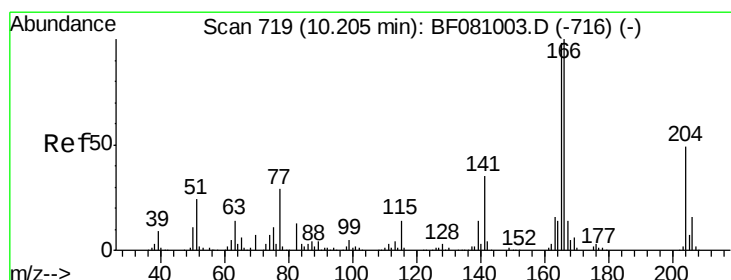
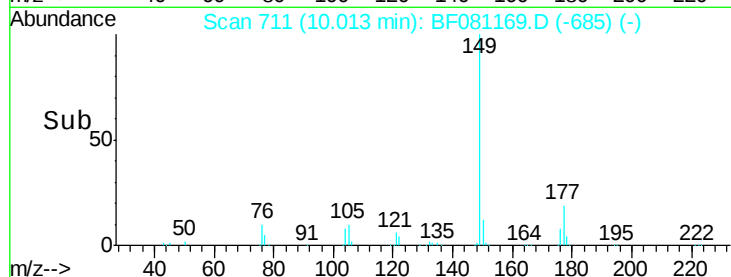
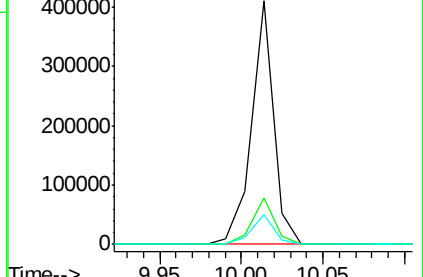
150 12.5 10.3 15.5



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: 40.01 ng

RT: 10.12 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

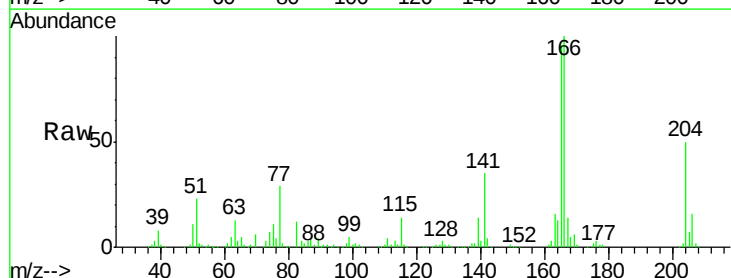
Tgt Ion:204 Resp: 152458

Ion Ratio Lower Upper

204 100

206 31.8 26.2 39.2

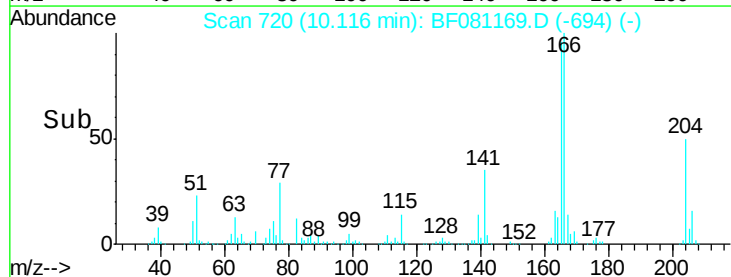
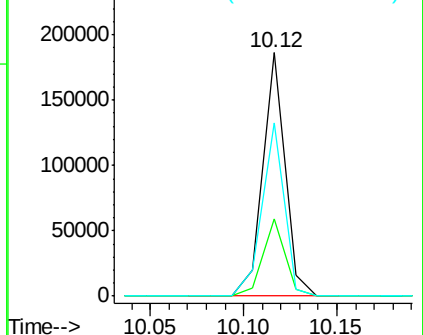
141 71.0 59.6 89.4



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

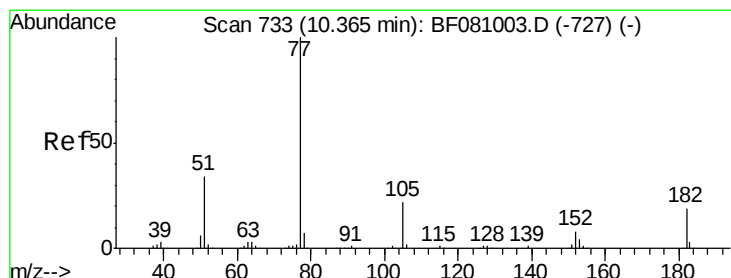
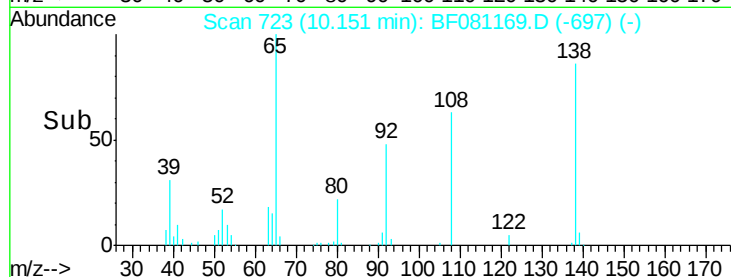
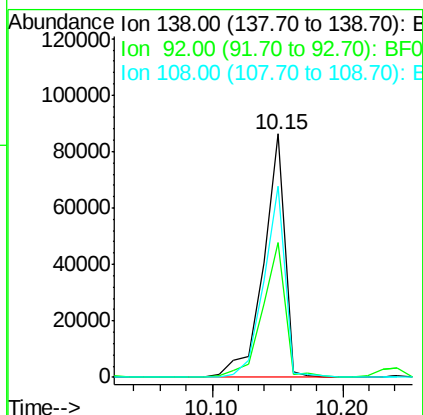
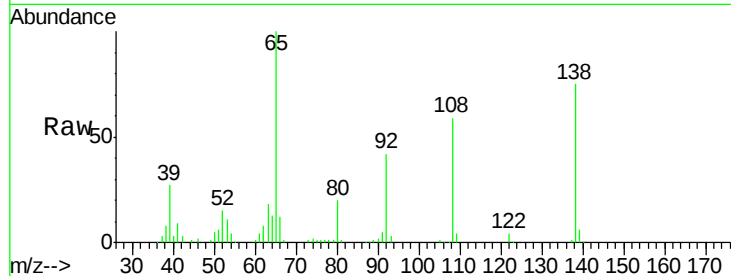




#61
4-Nitroaniline
Concen: 37.84 ng
RT: 10.15 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

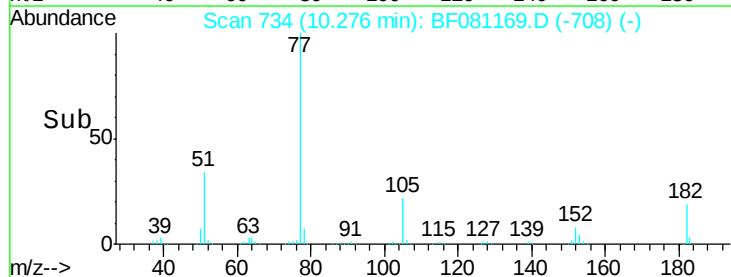
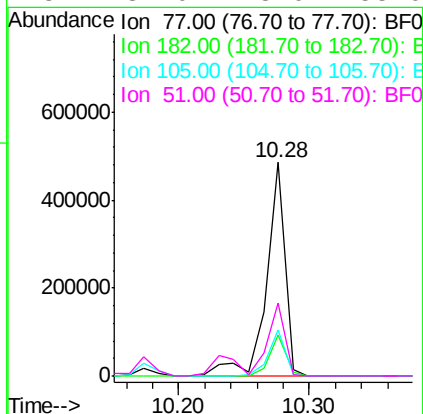
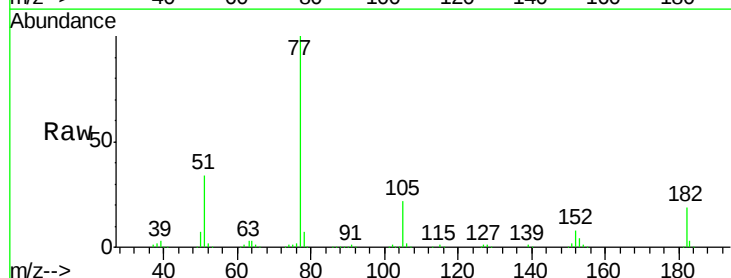
Instrument :
BNA_F
ClientSampleId :
PB85067BS

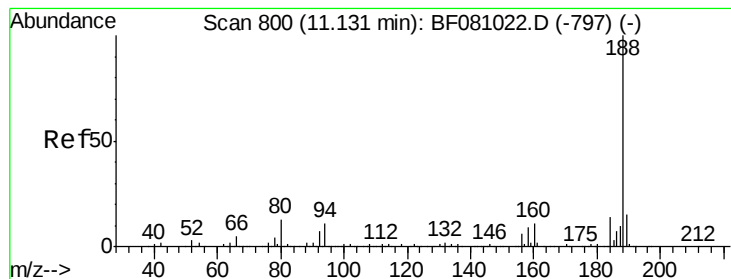
Tgt Ion:138 Resp: 98632
Ion Ratio Lower Upper
138 100
92 55.3 34.7 74.7
108 78.3 68.9 108.9



#62
Azobenzene
Concen: 42.34 ng
RT: 10.28 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion: 77 Resp: 490187
Ion Ratio Lower Upper
77 100
182 19.4 0.0 39.0
105 21.8 0.2 40.2
51 34.0 18.0 58.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.04 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

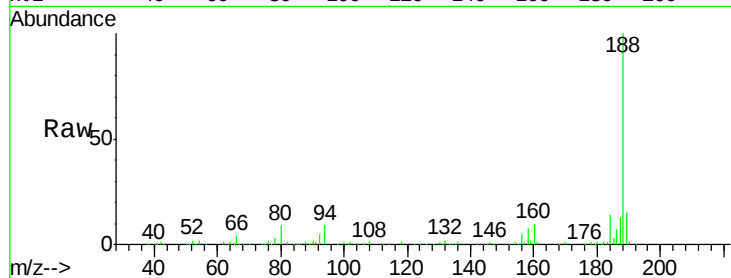
Tgt Ion:188 Resp: 246049

Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.2

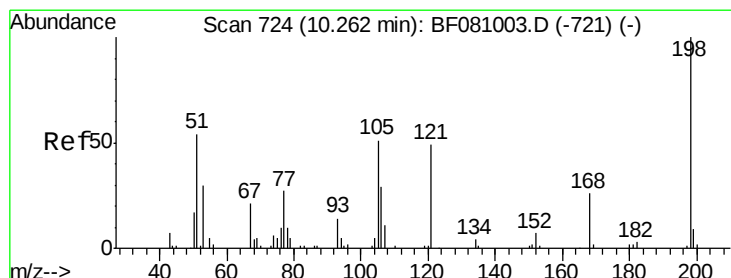
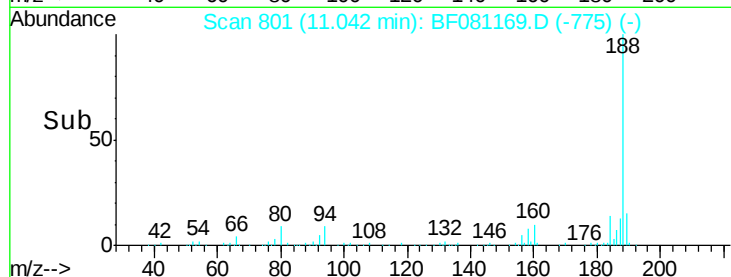
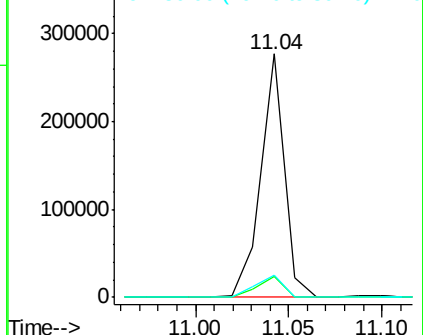
80 9.3 9.5 14.3#



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: 39.25 ng

RT: 10.18 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

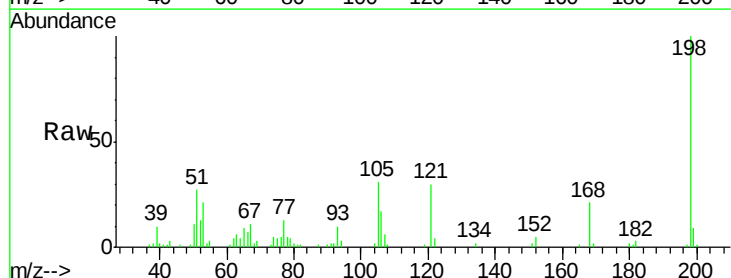
Tgt Ion:198 Resp: 57678

Ion Ratio Lower Upper

198 100

51 26.6 79.7 119.7#

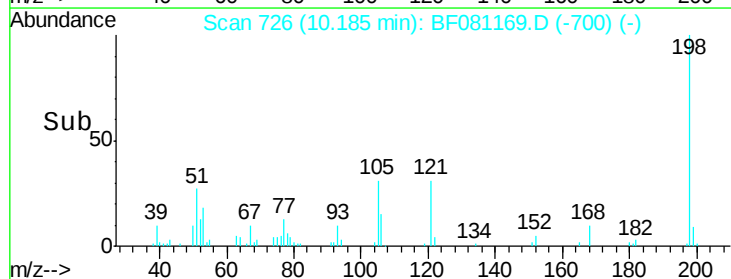
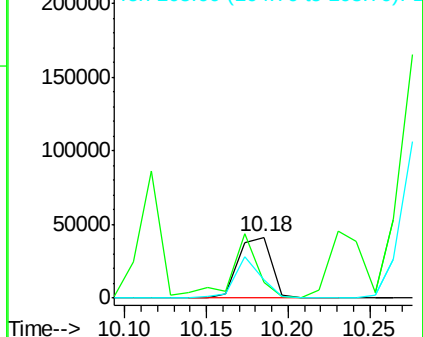
105 31.0 47.0 87.0#

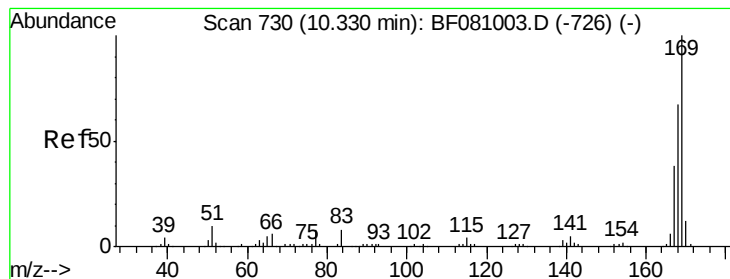


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

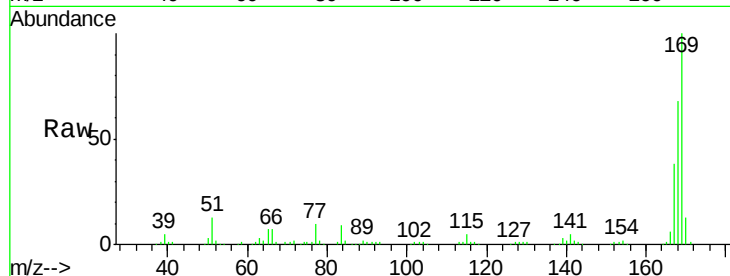




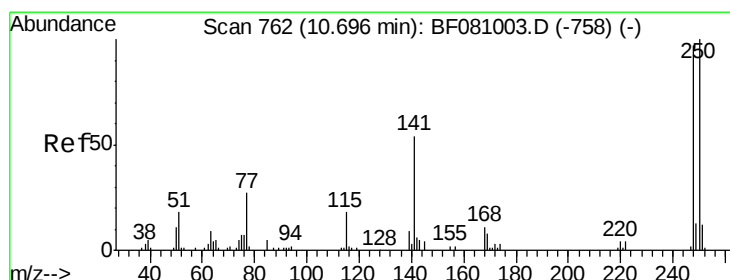
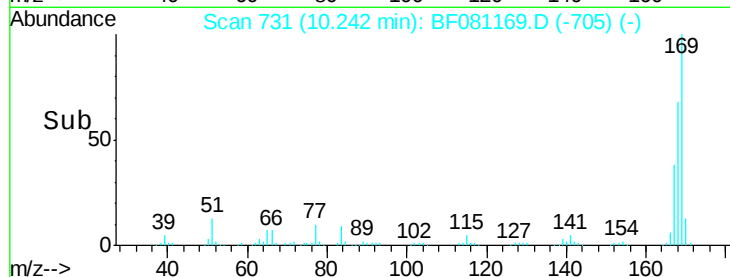
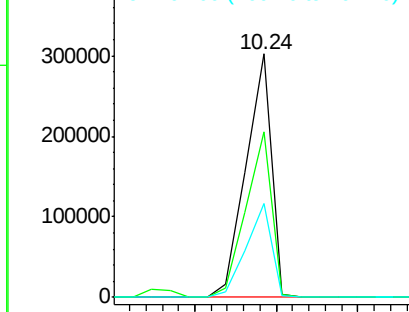
#65
 n-Nitrosodiphenylamine
 Concen: 37.40 ng
 RT: 10.24 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion:169 Resp: 328498
 Ion Ratio Lower Upper
 169 100
 168 68.1 55.3 82.9
 167 38.5 30.8 46.2

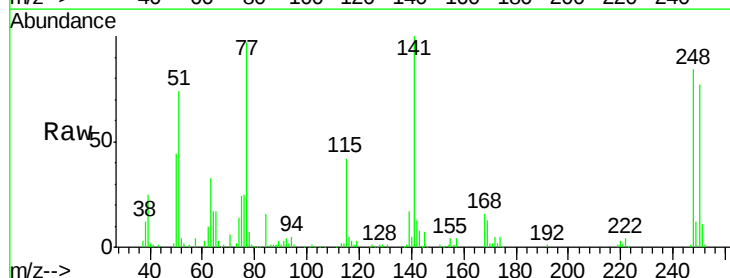


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

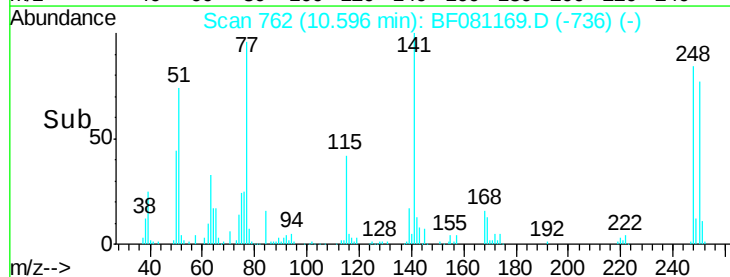
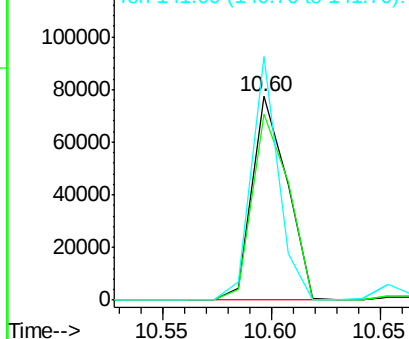


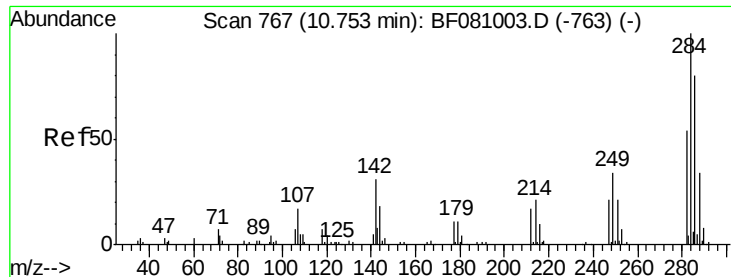
#66
 4-Bromophenyl-phenylether
 Concen: 35.83 ng
 RT: 10.60 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion:248 Resp: 86602
 Ion Ratio Lower Upper
 248 100
 250 91.4 77.8 116.6
 141 119.5 39.8 59.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

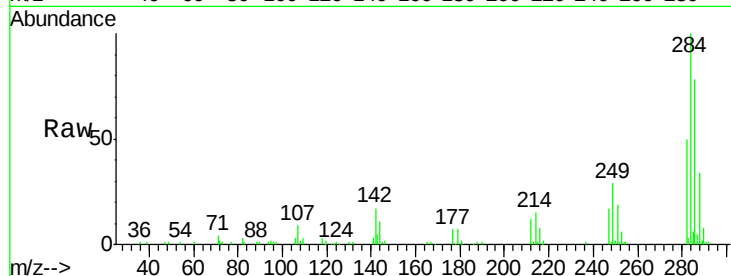




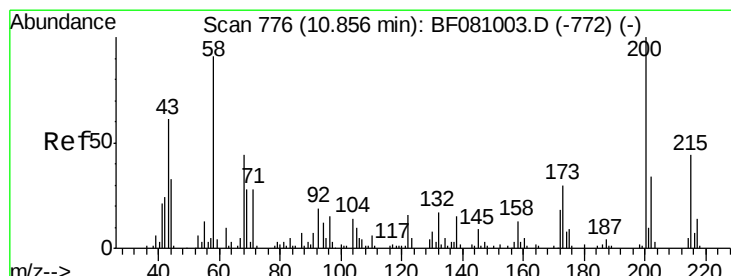
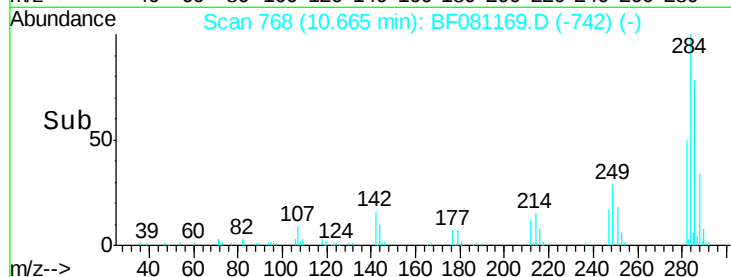
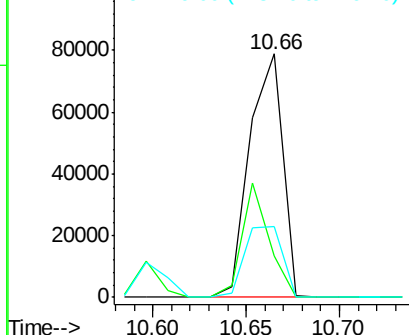
#67
Hexachlorobenzene
Concen: 39.56 ng
RT: 10.66 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion:284 Resp: 96842
Ion Ratio Lower Upper
284 100
142 17.0 25.4 38.0#
249 29.2 28.5 42.7

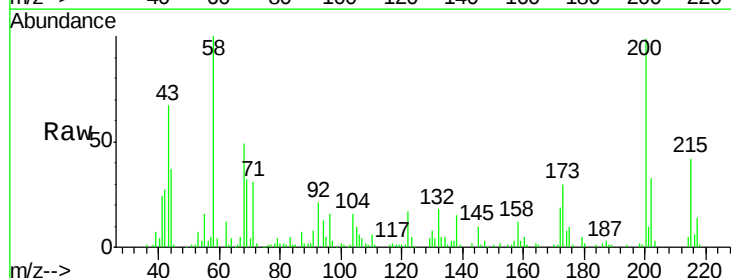


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

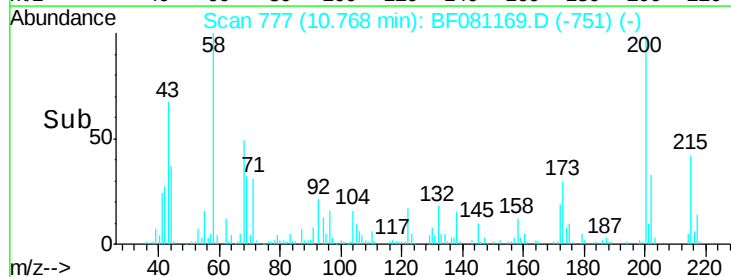
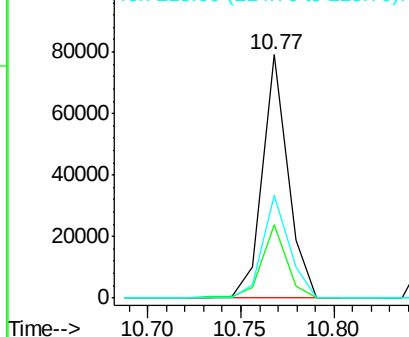


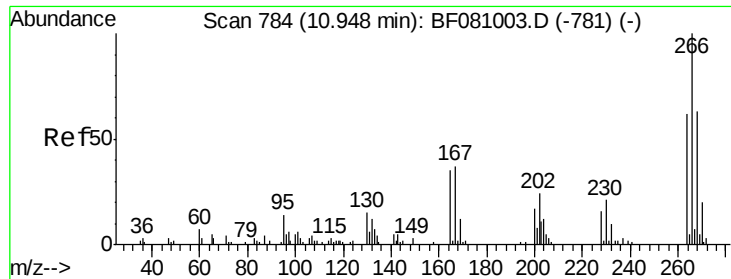
#68
Atrazine
Concen: 30.53 ng
RT: 10.77 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion:200 Resp: 74713
Ion Ratio Lower Upper
200 100
173 30.2 8.1 48.1
215 42.4 23.3 63.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

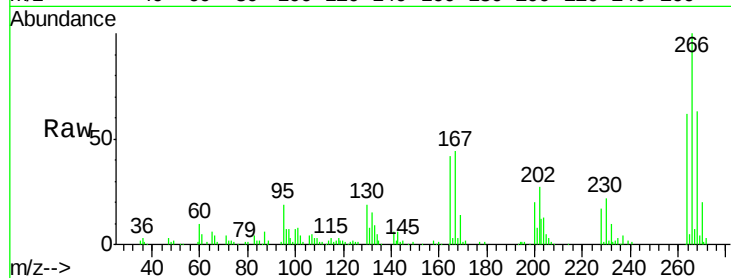




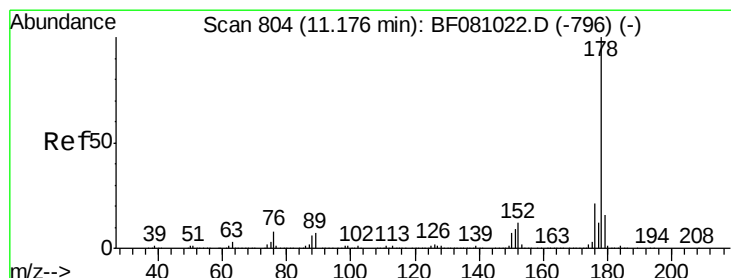
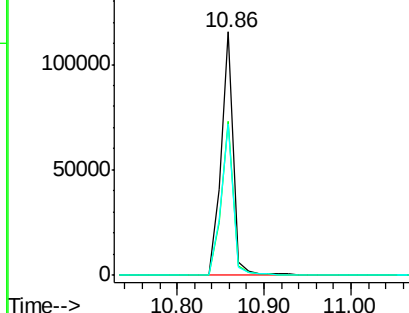
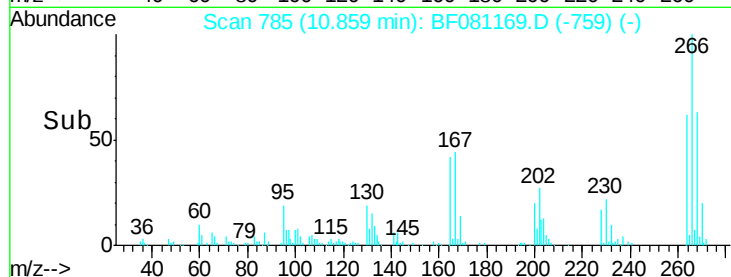
#69
 Pentachlorophenol
 Concen: 79.01 ng
 RT: 10.86 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.2	76.8
264	62.3	50.6	75.8

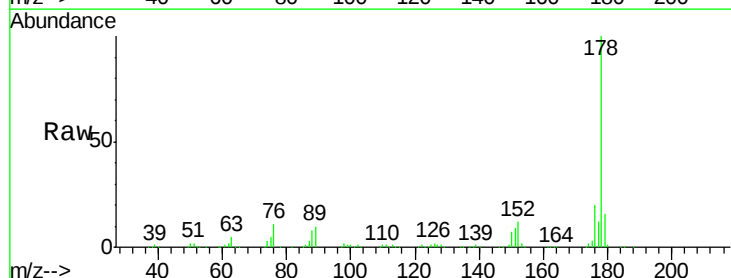


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

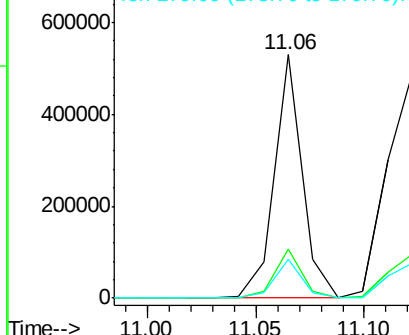
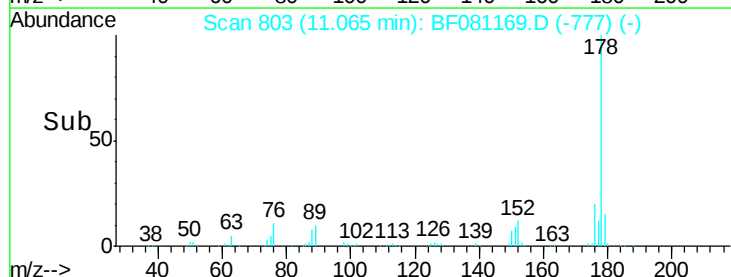


#70
 Phenanthrene
 Concen: 32.88 ng
 RT: 11.06 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	15.8	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

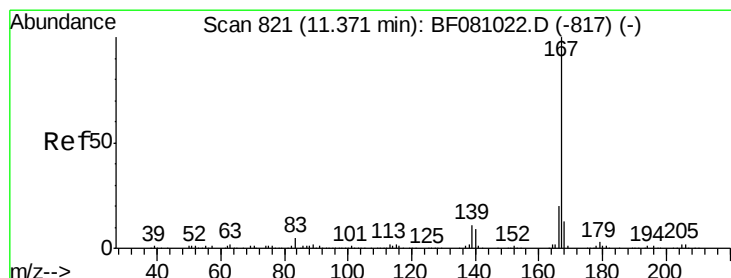
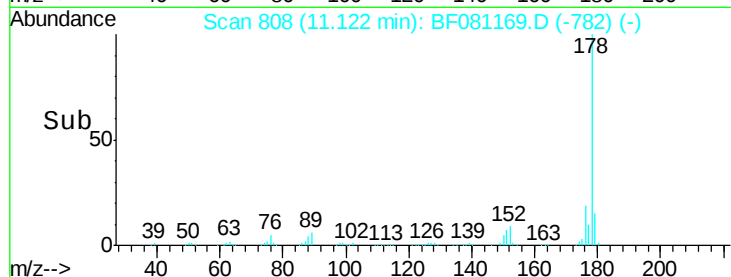
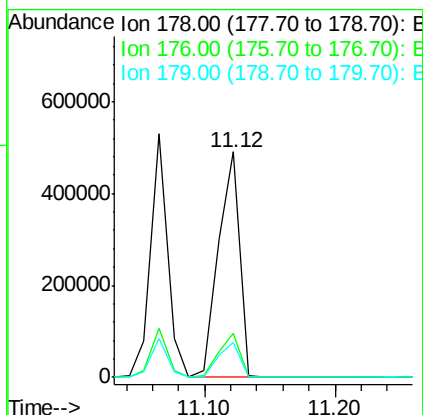
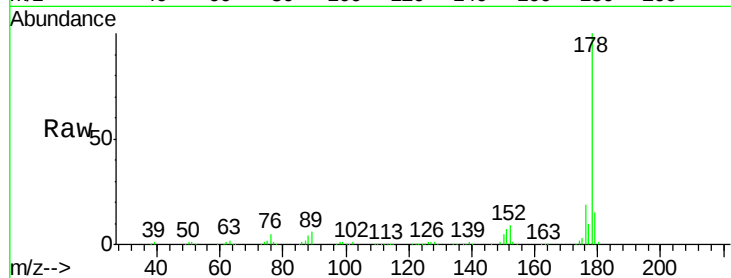




#71
 Anthracene
 Concen: 39.37 ng
 RT: 11.12 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

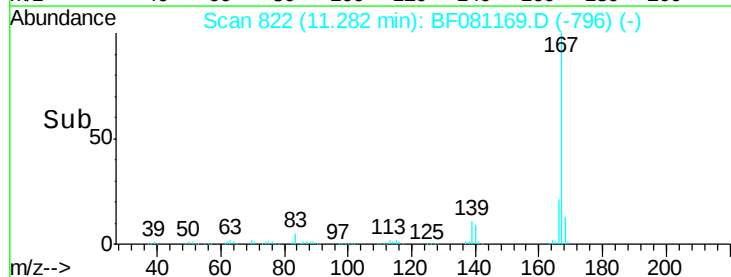
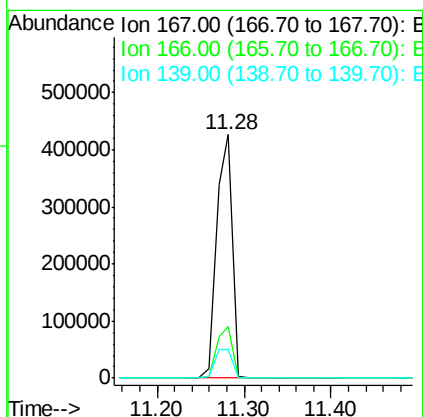
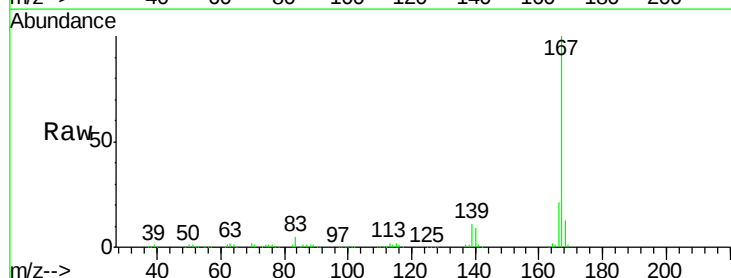
Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

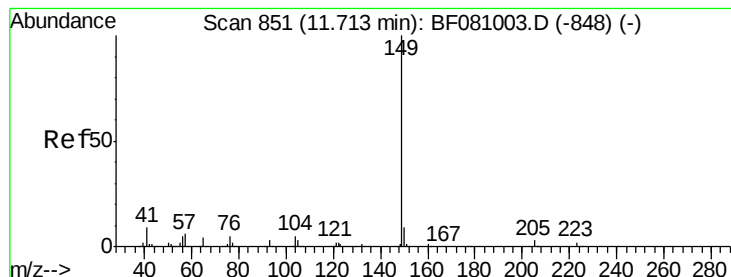
Tgt Ion:178 Resp: 558700
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.7 23.5
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 39.57 ng
 RT: 11.28 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion:167 Resp: 540546
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 11.5 10.6 16.0





#73

Di-n-butylphthalate

Concen: 38.61 ng

RT: 11.63 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

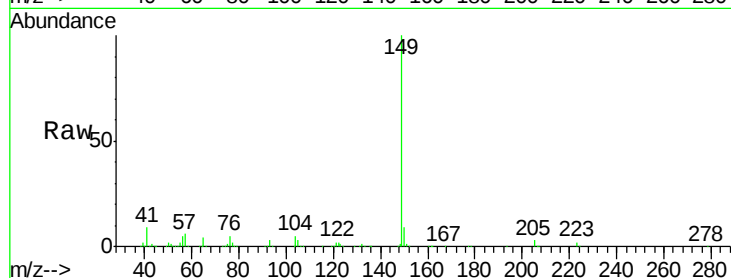
Tgt Ion:149 Resp: 638257

Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

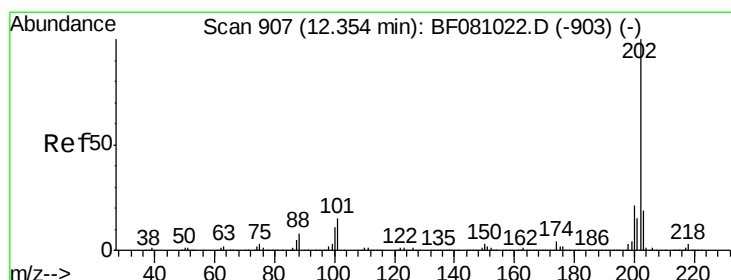
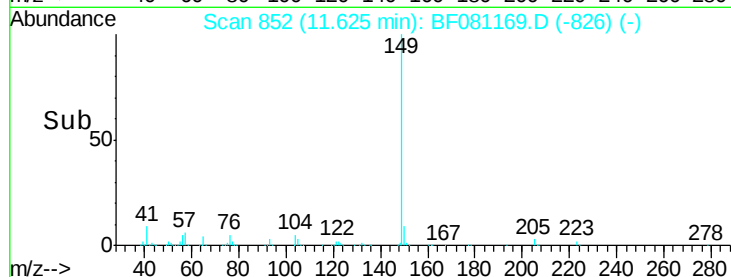
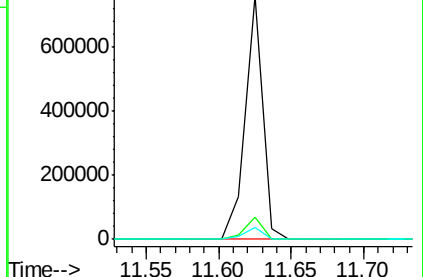
104 5.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.21 ng

RT: 12.24 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

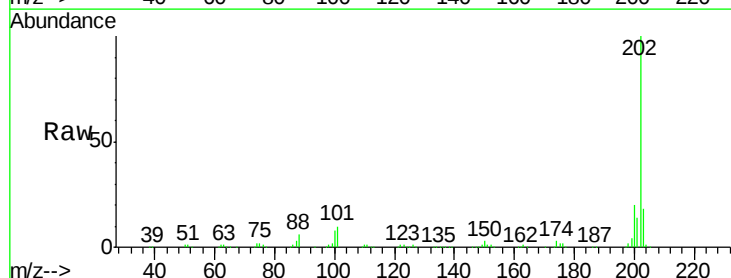
Tgt Ion:202 Resp: 585579

Ion Ratio Lower Upper

202 100

101 10.5 0.0 24.8

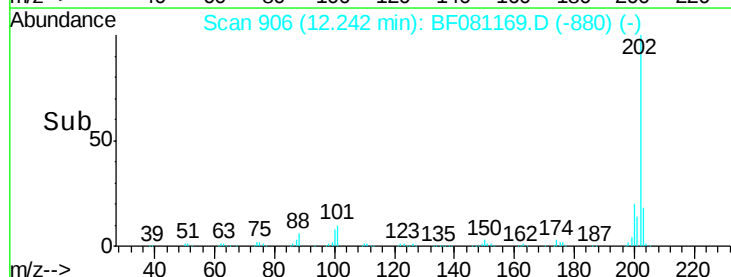
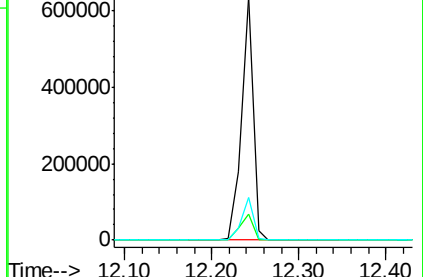
203 17.7 0.0 36.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

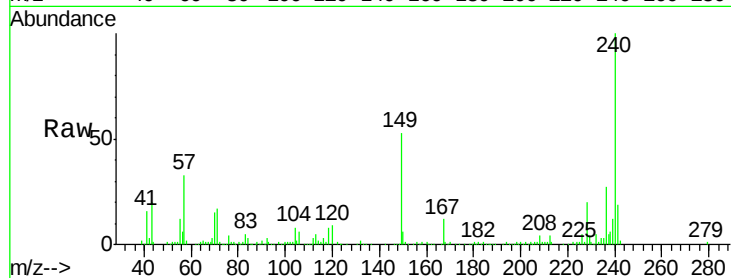
Tgt Ion:240 Resp: 207575

Ion Ratio Lower Upper

240 100

120 9.3 5.6 8.4#

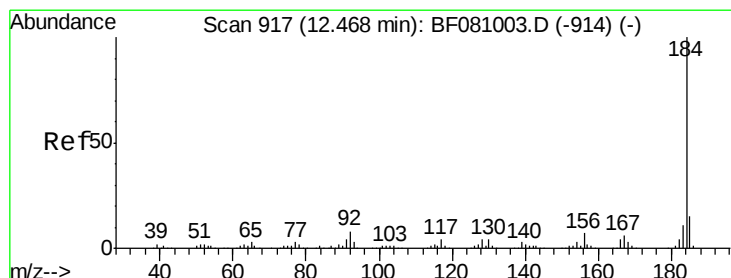
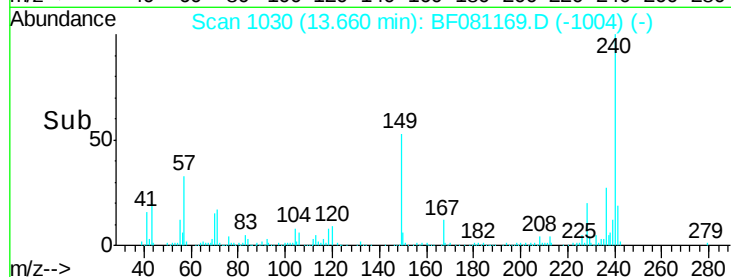
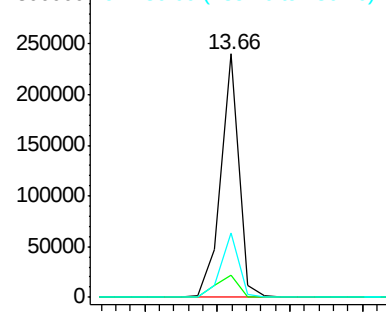
236 26.6 20.6 30.8



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: 20.52 ng

RT: 12.37 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

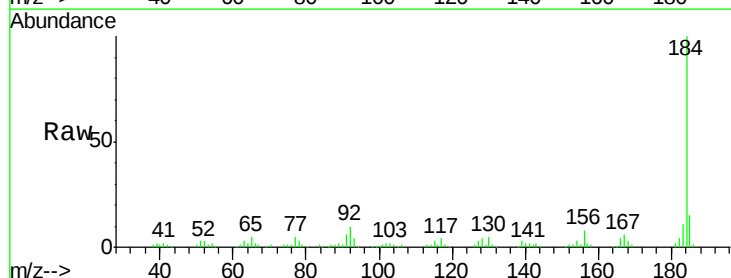
Tgt Ion:184 Resp: 160910

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

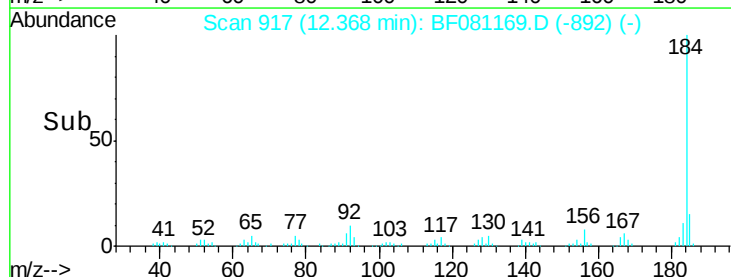
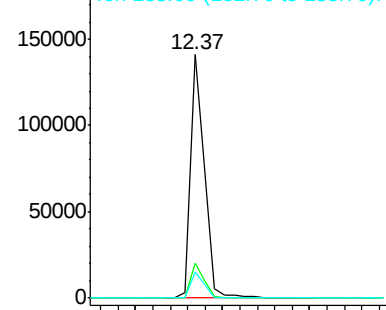
183 10.6 8.9 13.3

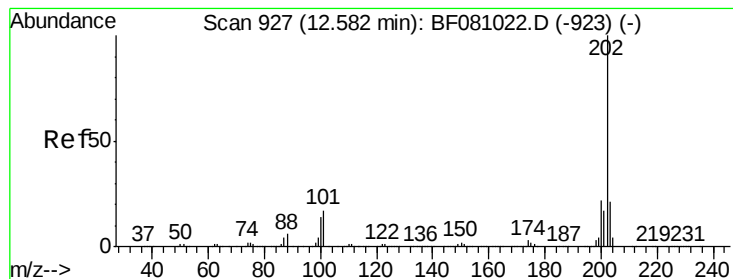


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 36.12 ng

RT: 12.47 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

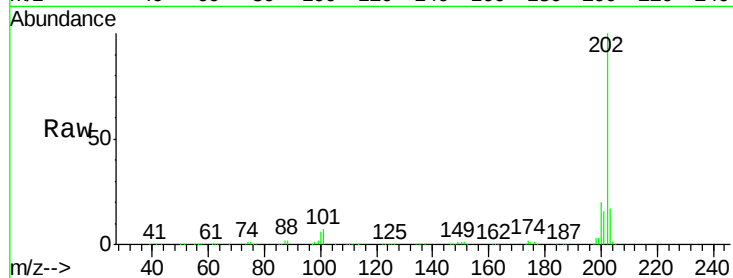
Tgt Ion:202 Resp: 609569

Ion Ratio Lower Upper

202 100

200 19.7 16.6 24.8

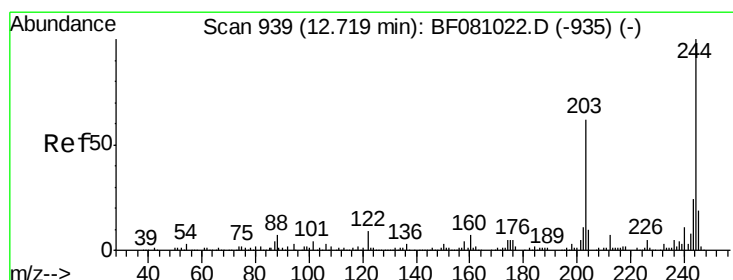
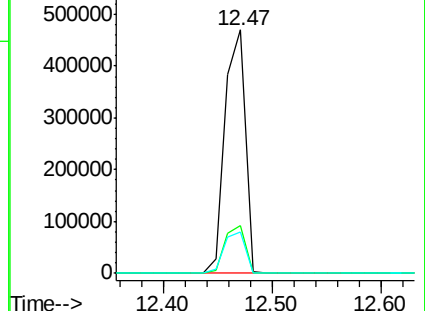
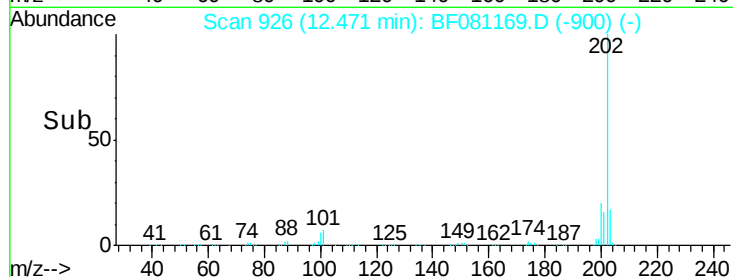
203 16.8 14.1 21.1



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: 67.03 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

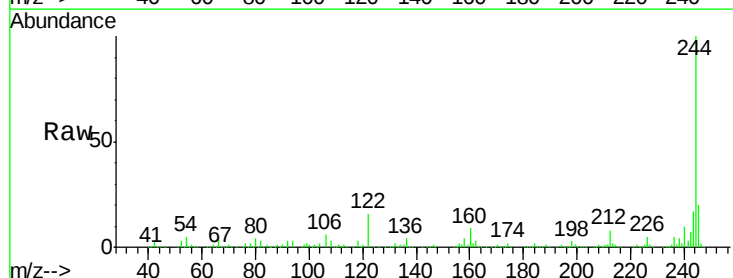
Tgt Ion:244 Resp: 649038

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

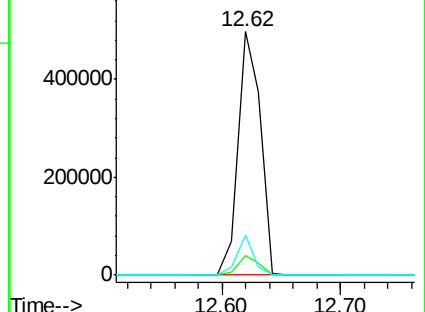
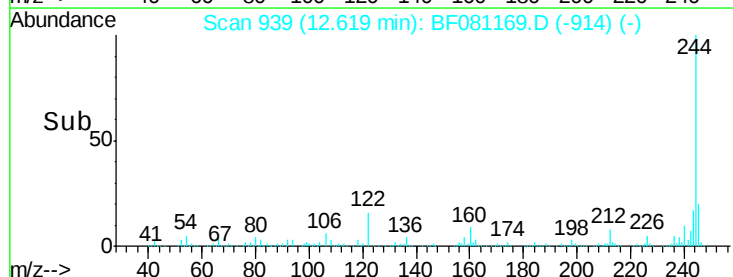
122 16.3 8.2 12.4#



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

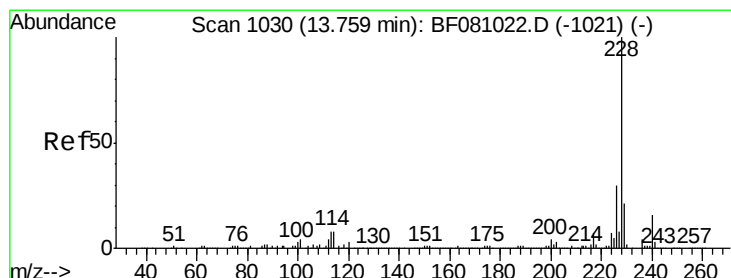
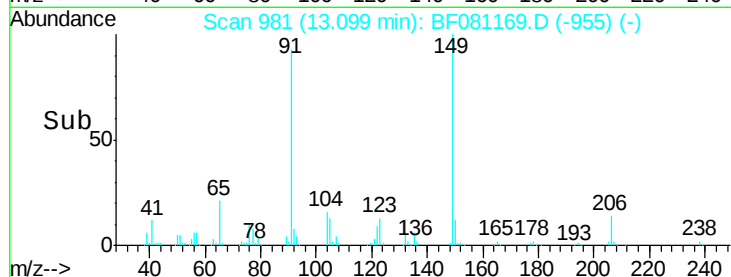
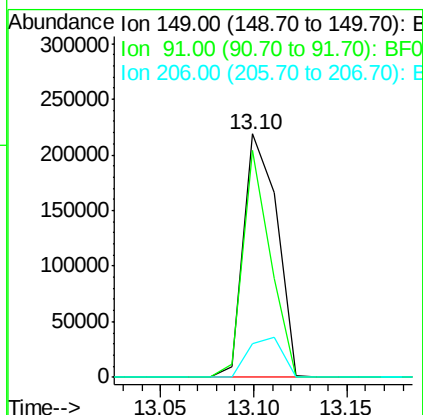
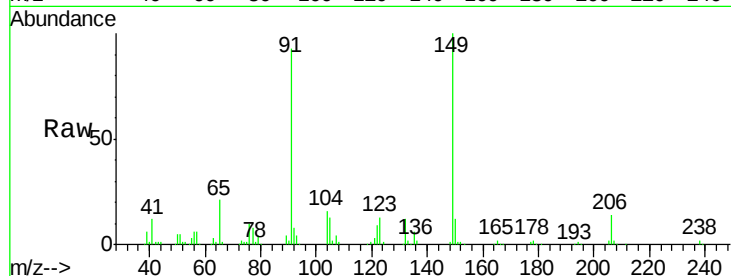




#79
Butylbenzylphthalate
Concen: 37.41 ng
RT: 13.10 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

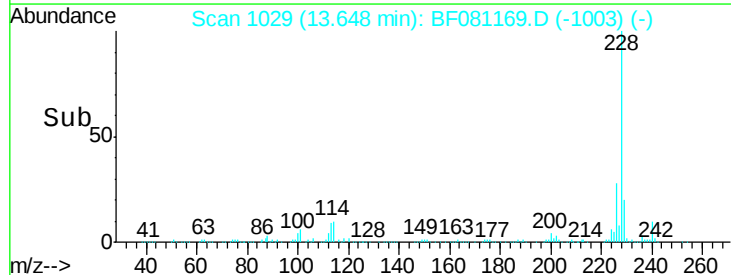
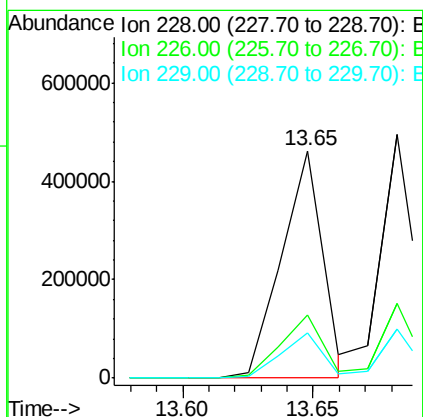
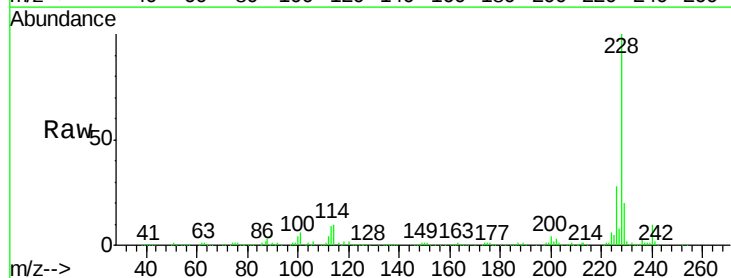
Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion:149 Resp: 271347
Ion Ratio Lower Upper
149 100
91 93.0 46.9 70.3#
206 13.8 17.0 25.4#



#80
Benzo(a)anthracene
Concen: 36.59 ng
RT: 13.65 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF081169.D
Acq: 24 Aug 2015 14:52

Tgt Ion:228 Resp: 509312
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 20.1 15.9 23.9

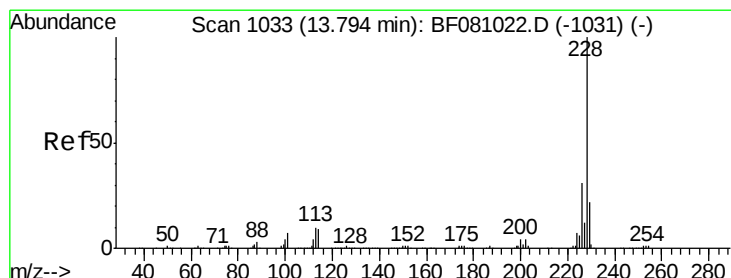
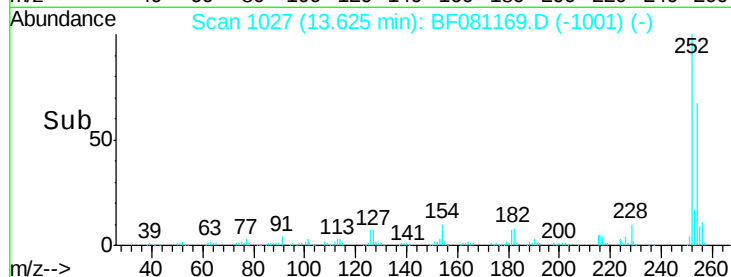
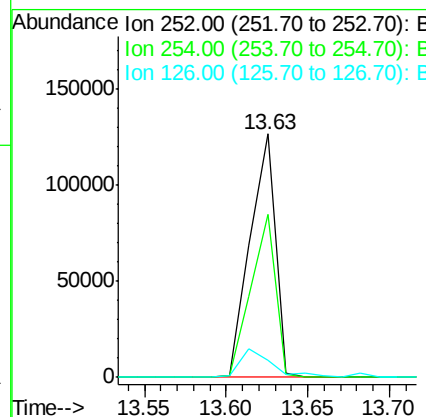
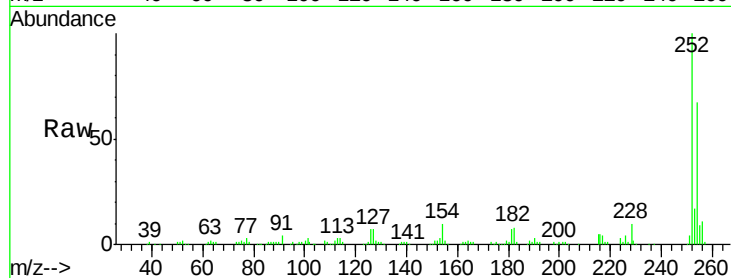




#81
 3,3'-Dichlorobenzidine
 Concen: 30.22 ng
 RT: 13.63 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

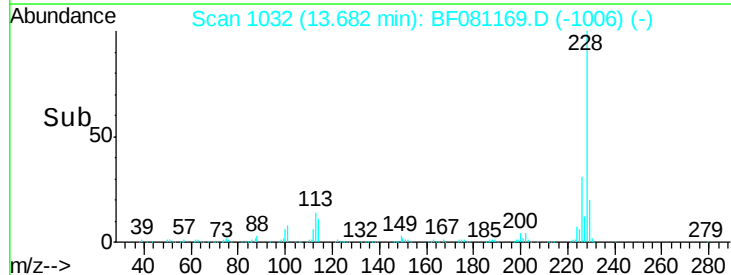
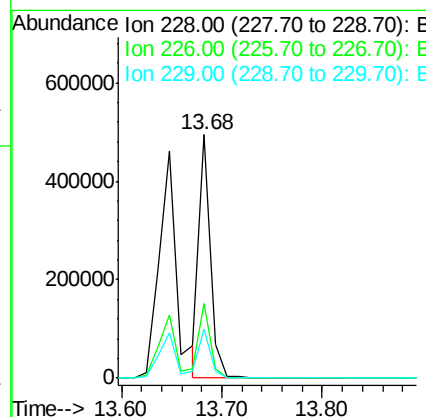
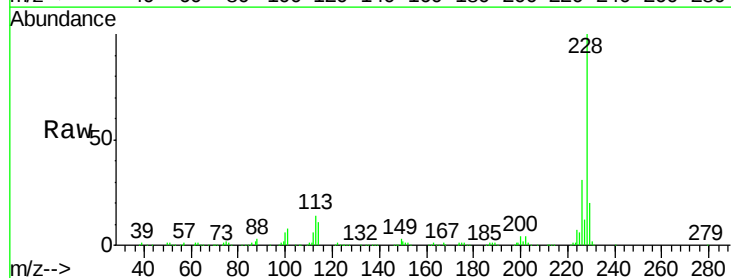
Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

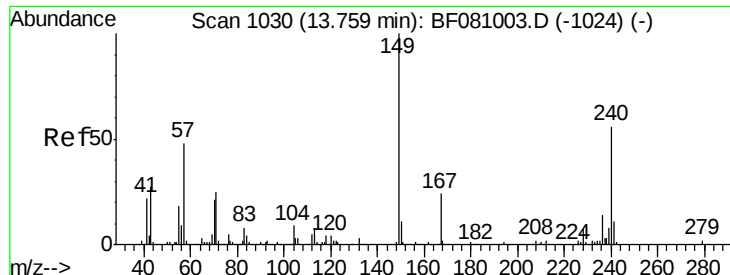
Tgt Ion:252 Resp: 136254
 Ion Ratio Lower Upper
 252 100
 254 67.2 51.5 77.3
 126 6.8 12.5 18.7#



#82
 Chrysene
 Concen: 31.40 ng
 RT: 13.68 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Tgt Ion:228 Resp: 393985
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.4 36.6
 229 20.1 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.61 ng

RT: 13.67 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

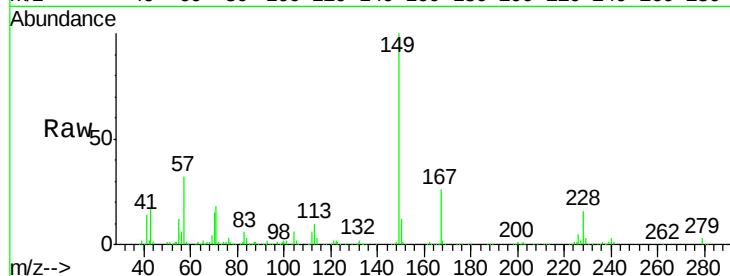
Tgt Ion:149 Resp: 386578

Ion Ratio Lower Upper

149 100

167 26.0 20.7 31.1

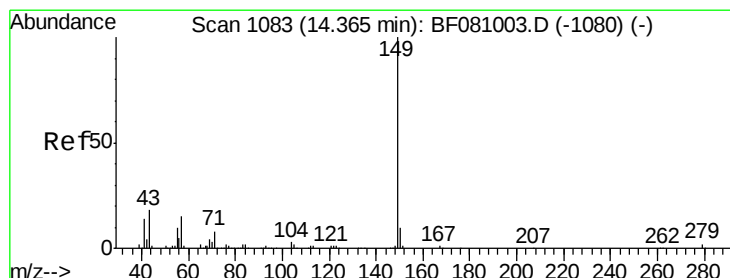
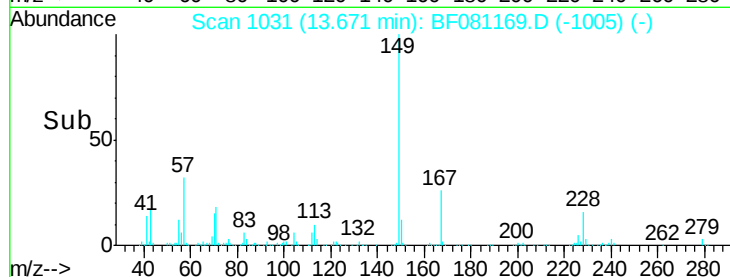
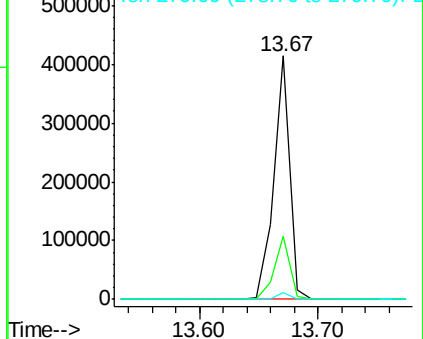
279 2.7 2.2 3.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.37 ng

RT: 14.28 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

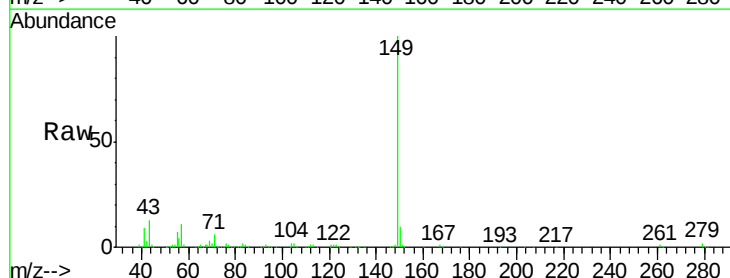
Tgt Ion:149 Resp: 654759

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

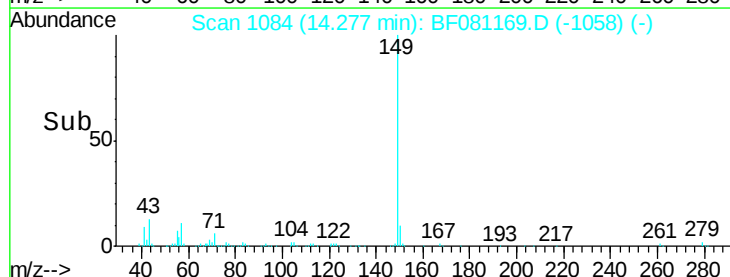
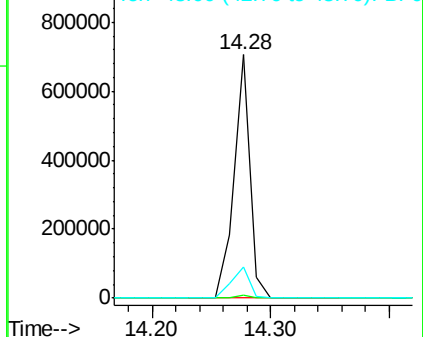
43 14.5 11.6 17.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

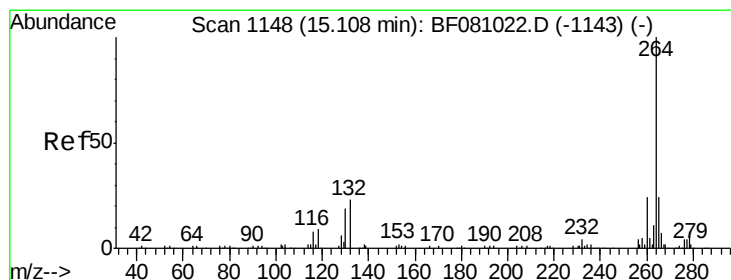
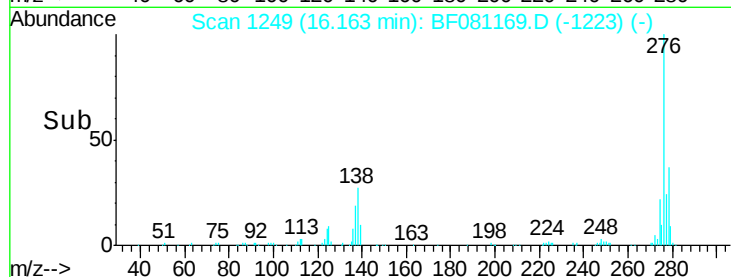
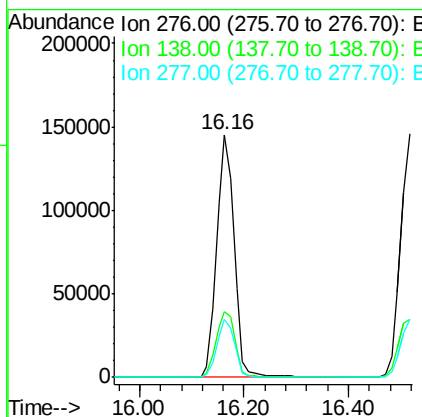
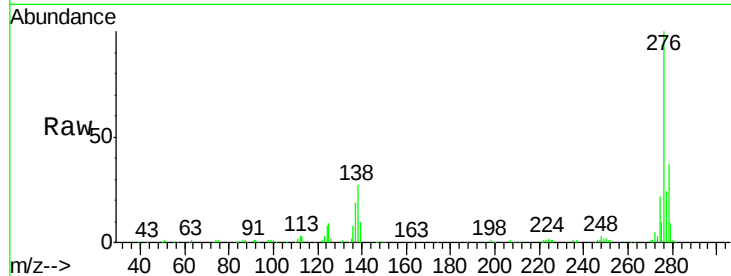




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.34 ng
 RT: 16.16 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

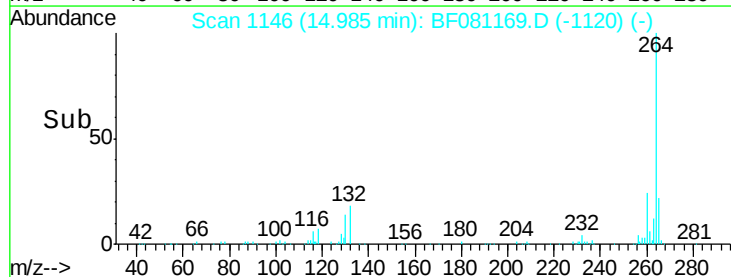
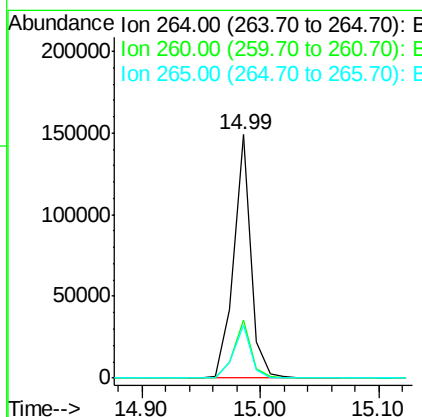
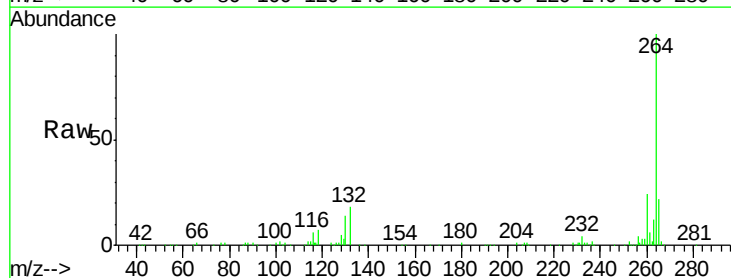
Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

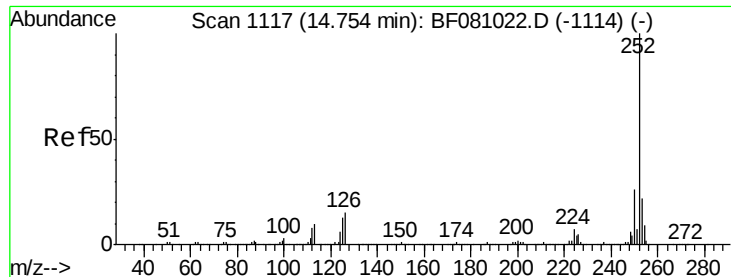
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	18.6	28.0#
277	24.1	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

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





#87

Benzo(b)fluoranthene

Concen: 78.56 ng

RT: 14.67 min Scan# 1118

Delta R.T. 0.02 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

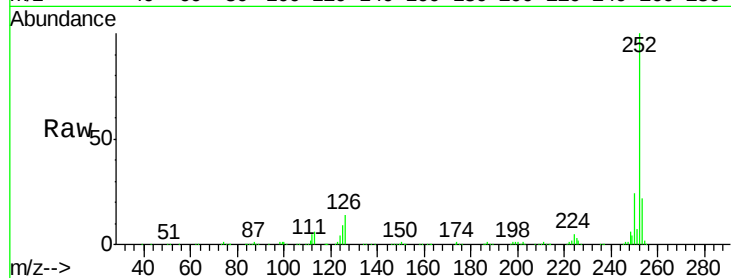
Tgt Ion:252 Resp: 831001

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

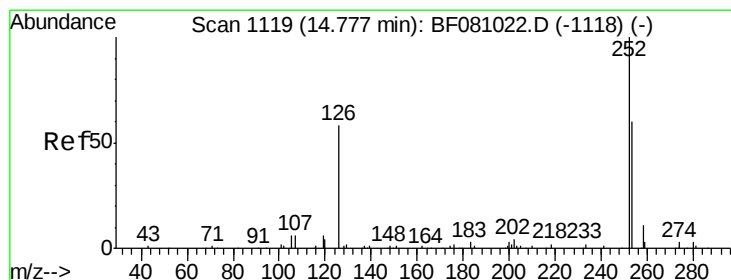
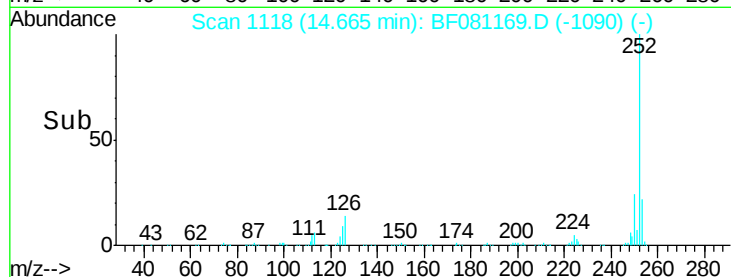
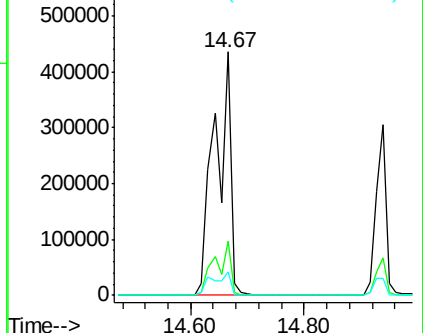
125 9.4 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 84.31 ng

RT: 14.67 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

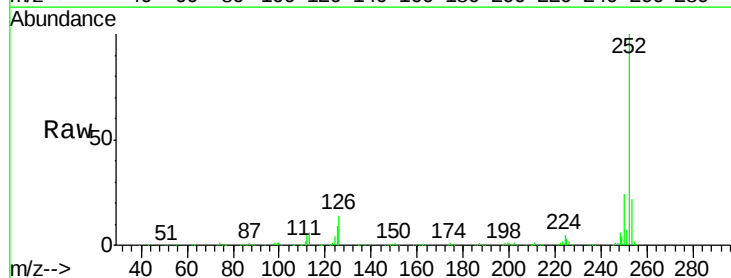
Tgt Ion:252 Resp: 831001

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

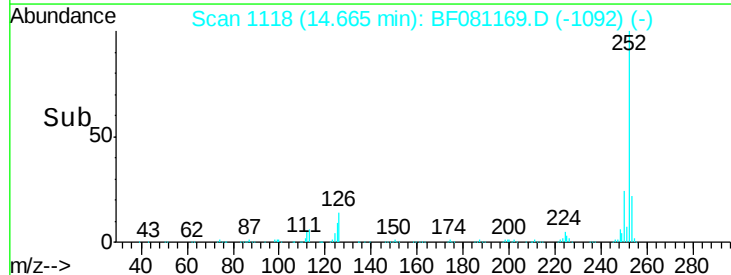
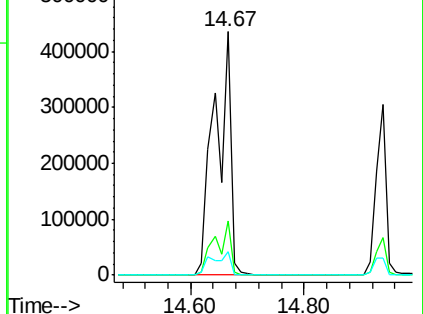
125 9.4 10.3 15.5#

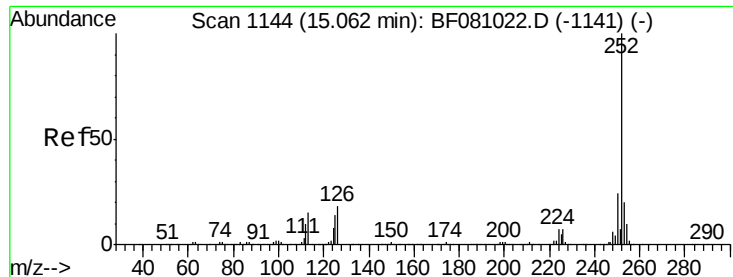


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.19 ng

RT: 14.94 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB85067BS

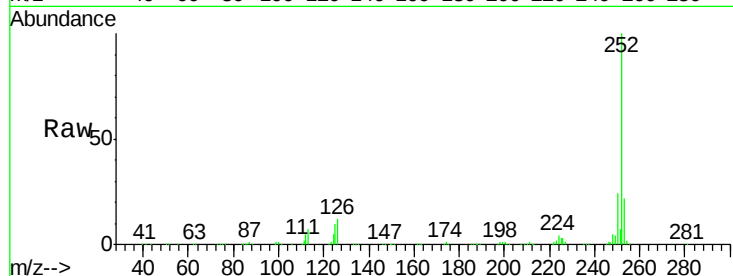
Tgt Ion:252 Resp: 379633

Ion Ratio Lower Upper

252 100

253 21.7 16.6 25.0

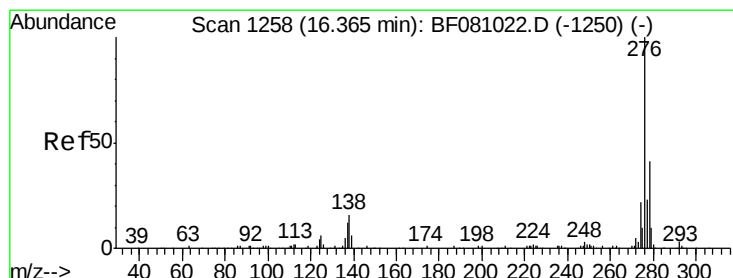
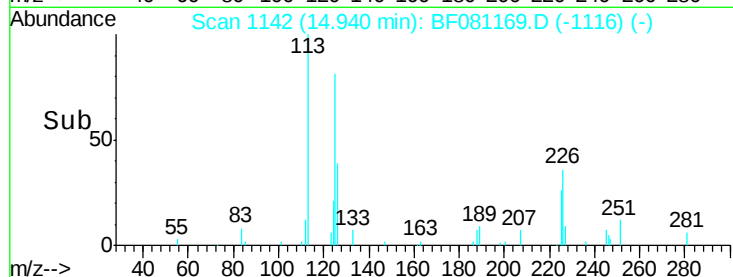
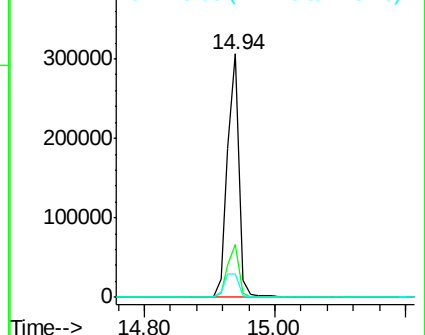
125 9.7 7.8 11.8



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: 39.10 ng

RT: 16.17 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF081169.D

Acq: 24 Aug 2015 14:52

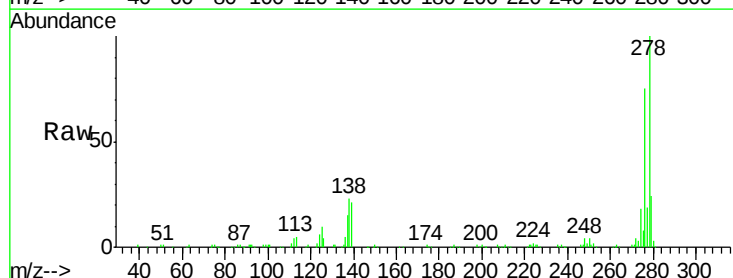
Tgt Ion:278 Resp: 280777

Ion Ratio Lower Upper

278 100

139 21.4 10.8 16.2#

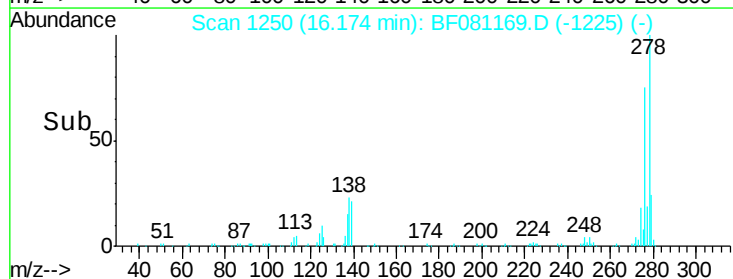
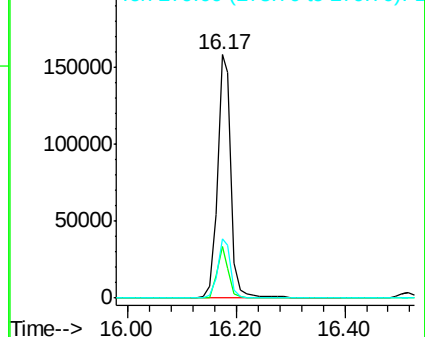
279 24.3 19.0 28.6

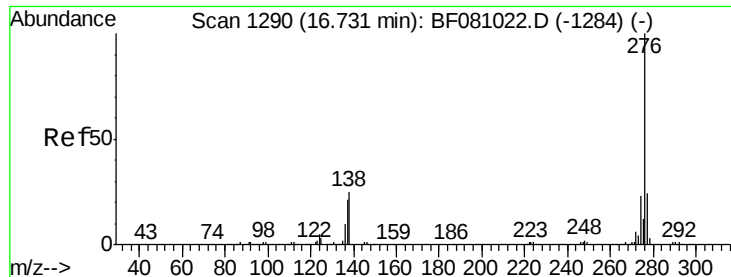


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.66 ng
 RT: 16.52 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BF081169.D
 Acq: 24 Aug 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.2	27.2
138	23.9	13.7	20.5

