

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
 Data File : BF081138.D
 Acq On : 20 Aug 2015 22:15
 Operator : UM/IZ
 Sample : G3350-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-PIPE(4)MS

Quant Time: Aug 21 01:38:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	61403	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	171978	20.00	ng	0.01
38) Acenaphthene-d10	9.66	164	96021	20.00	ng	0.03
63) Phenanthrene-d10	11.13	188	151221	20.00	ng	0.05
75) Chrysene-d12	13.71	240	120078	20.00	ng	0.00
86) Perylene-d12	15.04	264	112177	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	490423	120.13	ng	0.01
7) Phenol-d6	6.23	99	616705	115.78	ng	0.00
23) Nitrobenzene-d5	7.17	82	424673	112.80	ng	0.00
41) 2,4,6-Tribromophenol	10.45	330	69352	83.32	ng	0.05
44) 2-Fluorobiphenyl	8.98	172	452423	61.74	ng	0.02
78) Terphenyl-d14	12.69	244	391820	69.95	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	57099	29.68	ng	92
3) Pyridine	2.65	79	170461	31.39	ng	# 82
4) n-Nitrosodimethylamine	2.61	42	98438	32.56	ng	# 75
6) Aniline	6.24	93	113064	14.60	ng	# 1
8) 2-Chlorophenol	6.37	128	147051	32.91	ng	97
9) Benzaldehyde	6.10	77	229822	66.93	ng	# 1
10) Phenol	6.24	94	186069	29.58	ng	92
11) bis(2-Chloroethyl)ether	6.33	93	162096	33.58	ng	92
12) 1,3-Dichlorobenzene	6.53	146	149873	31.21	ng	96
13) 1,4-Dichlorobenzene	6.61	146	153788	32.35	ng	95
14) 1,2-Dichlorobenzene	6.61	146	153788	34.56	ng	96
15) Benzyl Alcohol	6.74	79	145741	33.82	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.89	45	233265	24.59	ng	51
17) 2-Methylphenol	6.86	107	120403	31.40	ng	# 83
18) Hexachloroethane	7.18	117	930791	484.54	ng	# 23
19) n-Nitroso-di-n-propylamine	7.02	70	178033	48.25	ng	# 88
20) 3+4-Methylphenols	7.02	107	151763	31.19	ng	# 66
22) Acetophenone	7.00	105	836608	185.29	ng	# 46
24) Nitrobenzene	7.18	77	271055	68.86	ng	# 77
25) Isophorone	7.43	82	358734	51.10	ng	# 65
26) 2-Nitrophenol	7.50	139	69837	42.66	ng	# 61
27) 2,4-Dimethylphenol	7.56	122	126644	43.73	ng	94
28) bis(2-Chloroethoxy)methane	7.65	93	188220	45.38	ng	# 59
29) 2,4-Dichlorophenol	7.75	162	110753	45.42	ng	# 82
30) 1,2,4-Trichlorobenzene	7.83	180	107286	39.59	ng	98
31) Naphthalene	7.91	128	1682488	175.51	ng	# 91
32) Benzoic acid	7.68	122	12607	7.74	ng	# 1
33) 4-Chloroaniline	7.91	127	399619	98.80	ng	# 42
34) Hexachlorobutadiene	8.04	225	58999	38.50	ng	97
35) Caprolactam	8.36	113	197918	232.26	ng	# 22
36) 4-Chloro-3-methylphenol	8.47	107	117896	40.57	ng	92
37) 2-Methylnaphthalene	8.64	142	2891530	477.50	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	80432	25.96	ng	# 85
40) Hexachlorocyclopentadiene	8.78	237	63765	39.77	ng	97

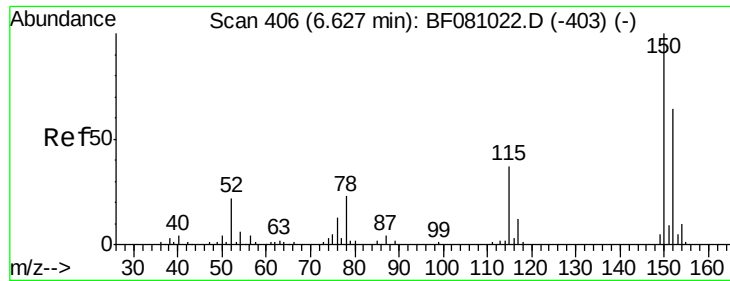
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
 Data File : BF081138.D
 Acq On : 20 Aug 2015 22:15
 Operator : UM/IZ
 Sample : G3350-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-PIPE(4)MS

Quant Time: Aug 21 01:38:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	107139	48.95	nq	97
43) 2,4,5-Trichlorophenol	8.90	196	107139	48.98	nq	# 1
45) 1,1'-Biphenyl	9.09	154	535593	63.32	nq	96
46) 2-Chloronaphthalene	9.11	162	175236	25.79	nq	# 57
47) 2-Nitroaniline	9.20	65	148096	53.26	nq	# 86
48) Acenaphthylene	9.53	152	347882	28.62	nq	# 70
49) Dimethylphthalate	9.38	163	223450	28.26	nq	# 85
50) 2,6-Dinitrotoluene	9.45	165	42343	24.94	nq	# 1
51) Acenaphthene	9.69	154	315810	43.40	nq	# 89
52) 3-Nitroaniline	9.60	138	64365	30.29	nq	# 87
53) 2,4-Dinitrophenol	9.77	184	10465	15.40	nq	# 1
54) Dibenzofuran	9.86	168	347012	35.59	nq	# 60
55) 4-Nitrophenol	9.77	139	169825	113.80	nq	# 56
56) 2,4-Dinitrotoluene	9.88	165	66654	29.62	nq	# 85
57) Fluorene	10.21	166	545832	72.77	nq	# 85
58) 2,3,4,6-Tetrachlorophenol	10.00	232	29228	17.26	nq	# 1
59) Diethylphthalate	10.08	149	197414	23.59	nq	# 87
60) 4-Chlorophenyl-phenylether	10.21	204	91314	28.77	nq	# 59
61) 4-Nitroaniline	10.22	138	47537	21.89	nq	84
62) Azobenzene	10.37	77	226830	23.52	nq	# 46
64) 4,6-Dinitro-2-methylphenol	10.29	198	14081	15.59	nq	# 1
65) n-Nitrosodiphenylamine	10.32	169	482311	89.35	nq	# 78
66) 4-Bromophenyl-phenylether	10.69	248	50691	34.12	nq	# 54
67) Hexachlorobenzene	10.79	284	42730	28.40	nq	# 76
68) Atrazine	10.85	200	77227	51.35	nq	82
69) Pentachlorophenol	10.95	266	44928	49.77	nq	99
70) Phenanthrene	11.17	178	1250614	139.55	nq	# 96
71) Anthracene	11.17	178	1250614	143.40	nq	97
72) Carbazole	11.36	167	329942	39.30	nq	# 82
73) Di-n-butylphthalate	11.69	149	331172	32.60	nq	# 95
74) Fluoranthene	12.32	202	335200	34.66	nq	85
76) Benzidine	12.44	184	75232	16.59	nq	# 79
77) Pyrene	12.55	202	600125	61.48	nq	97
79) Butylbenzylphthalate	13.16	149	155669	37.10	nq	# 68
80) Benzo(a)anthracene	13.71	228	275875	34.26	nq	98
81) 3,3'-Dichlorobenzidine	13.67	252	64839	24.86	nq	# 98
82) Chrysene	13.74	228	275875	38.01	nq	99
83) Bis(2-ethylhexyl)phthalate	13.72	149	234470	43.63	nq	99
84) Di-n-octyl phthalate	14.32	149	343277	42.02	nq	# 99
85) Indeno(1,2,3-cd)pyrene	16.24	276	255882	50.22	nq	# 94
87) Benzo(b)fluoranthene	14.71	252	449286	56.62	nq	98
88) Benzo(k)fluoranthene	14.71	252	449286	60.77	nq	# 96
89) Benzo(a)pyrene	14.99	252	213285	30.85	nq	# 96
90) Dibenzo(a,h)anthracene	16.25	278	212782	39.50	nq	# 95
91) Benzo(g,h,i)perylene	16.60	276	219277	40.12	nq	# 88

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

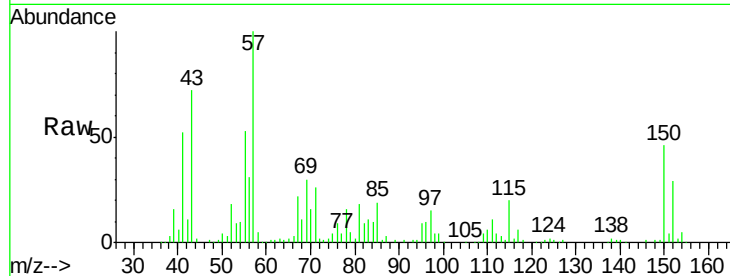


#1

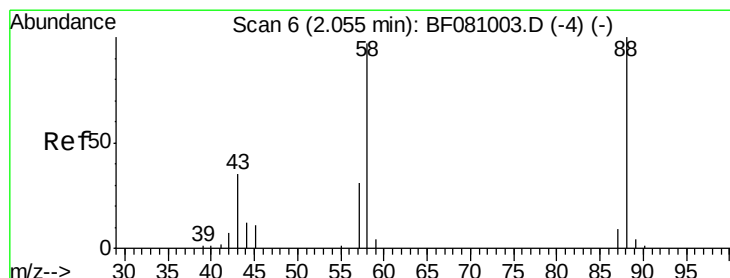
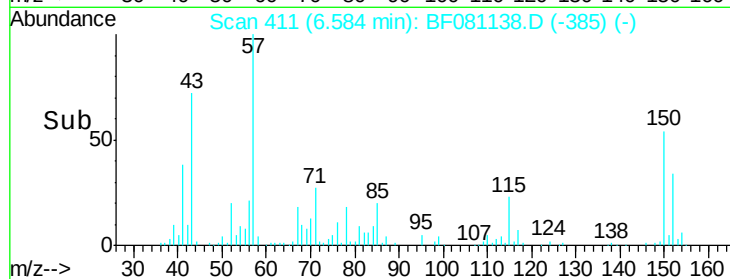
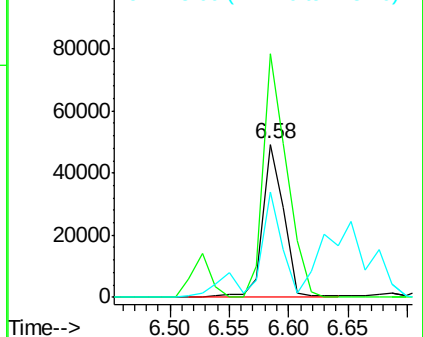
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)MS

Tot Ion:152 Resp: 61403
Ion Ratio Lower Upper
152 100
150 159.2 123.8 185.6
115 69.0 52.1 78.1



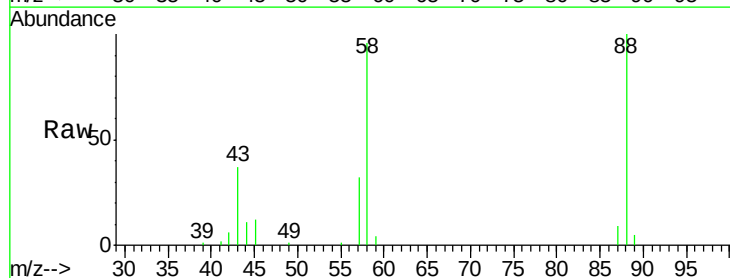
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



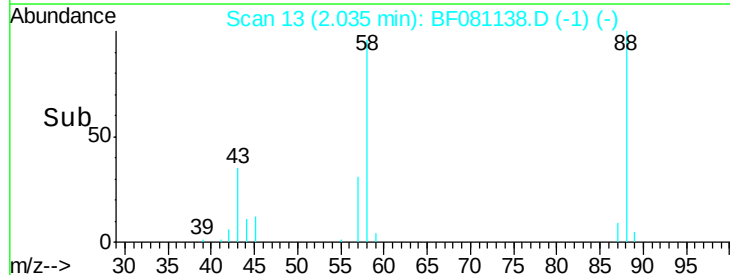
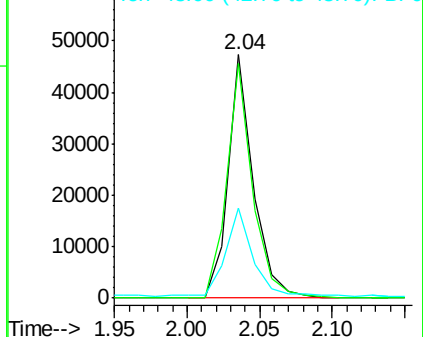
#2

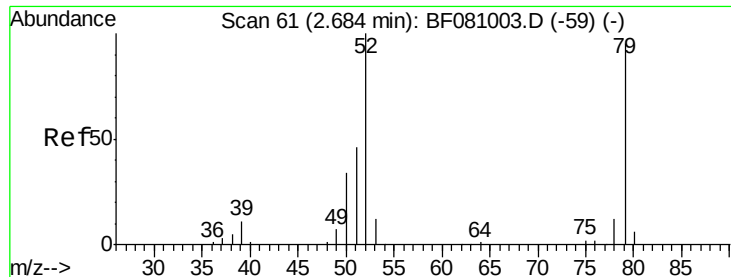
1,4-Dioxane
Concen: 29.68 ng
RT: 2.04 min Scan# 13
Delta R.T. 0.03 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

Tgt Ion: 88 Resp: 57099
Ion Ratio Lower Upper
88 100
58 98.9 83.7 125.5
43 38.3 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

Pvridine

Concen: 31.39 ng

RT: 2.65 min Scan# 67

Delta R.T. 0.02 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

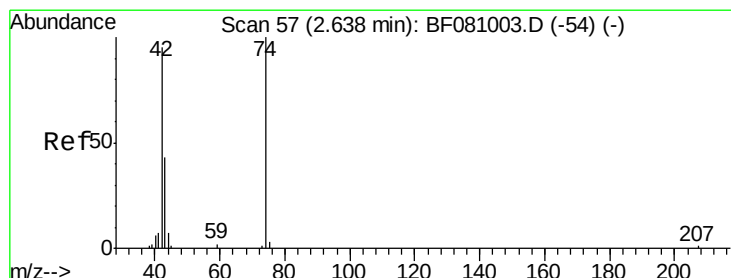
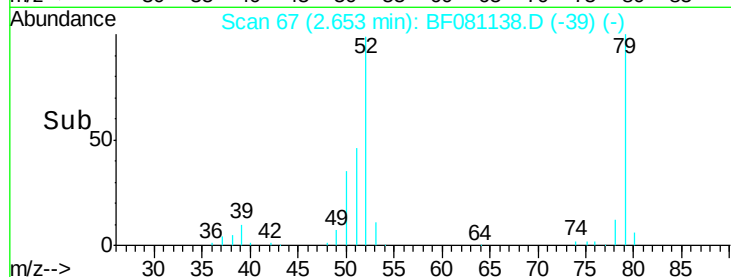
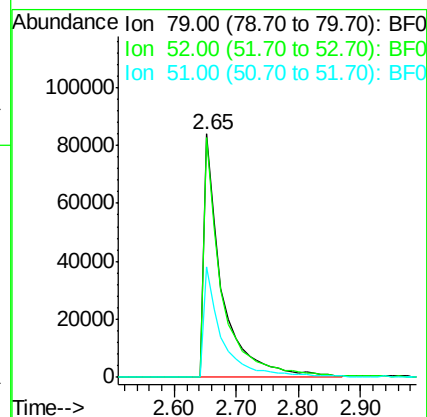
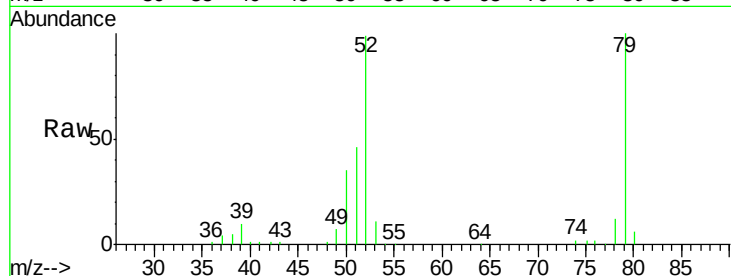
Tot Ion: 79 Resp: 170461

Ion Ratio Lower Upper

79 100

52 98.7 95.1 142.7

51 45.6 46.6 70.0#



#4

n-Nitrosodimethylamine

Concen: 32.56 ng

RT: 2.61 min Scan# 63

Delta R.T. 0.02 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

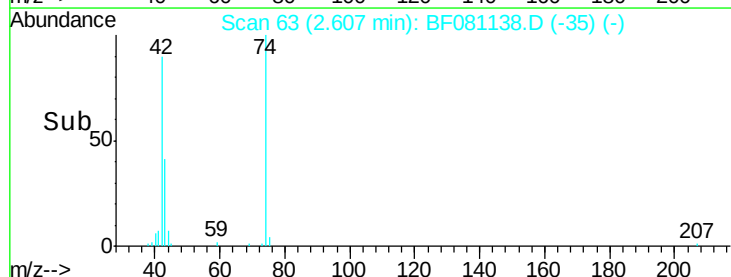
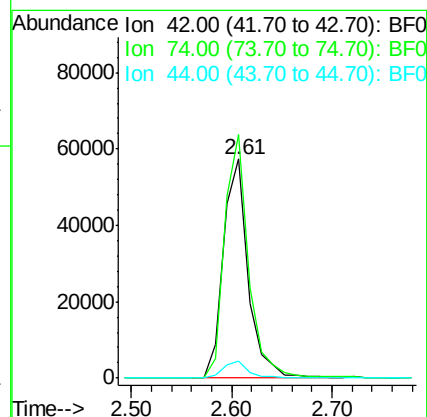
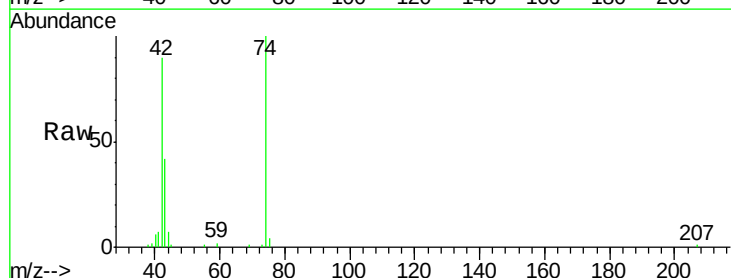
Tgt Ion: 42 Resp: 98438

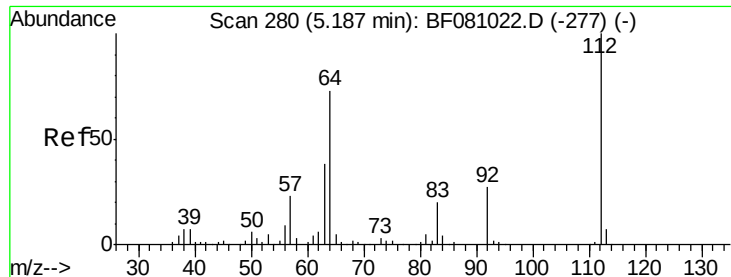
Ion Ratio Lower Upper

42 100

74 111.1 69.3 103.9#

44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 120.13 ng

RT: 5.16 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

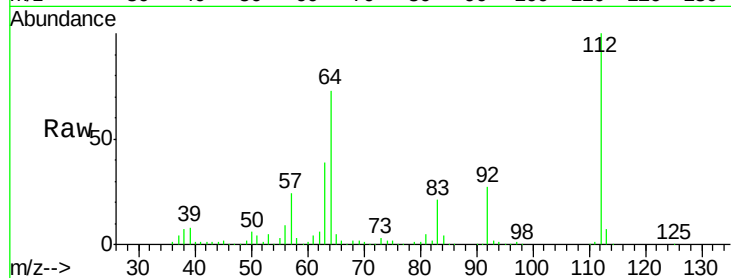
Tot Ion:112 Resp: 490423

Ion Ratio Lower Upper

112 100

64 72.5 66.9 100.3

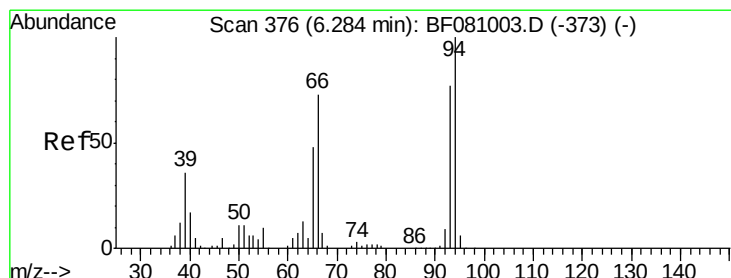
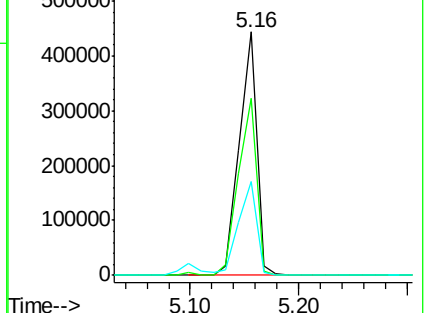
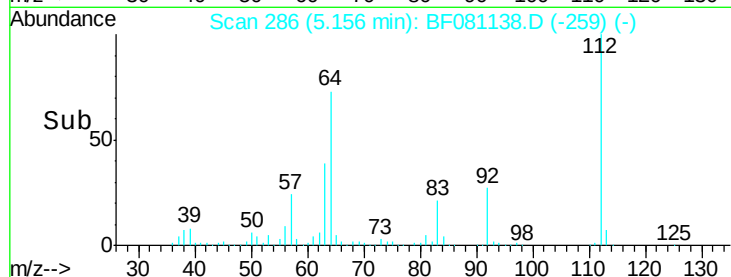
63 38.7 38.1 57.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.60 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

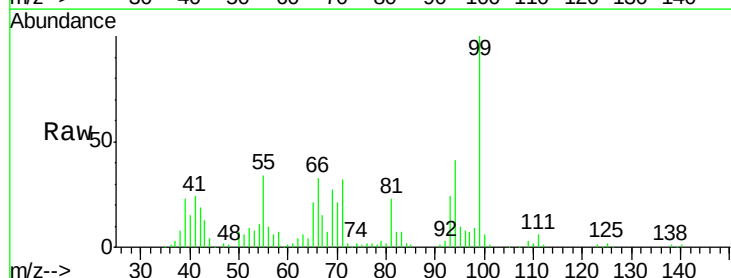
Tgt Ion: 93 Resp: 113064

Ion Ratio Lower Upper

93 100

66 138.0 35.6 53.4#

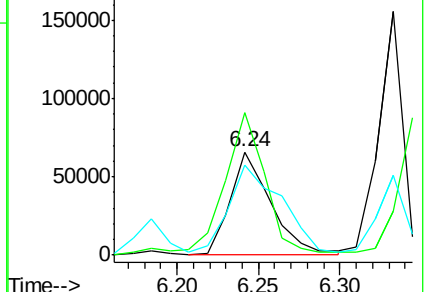
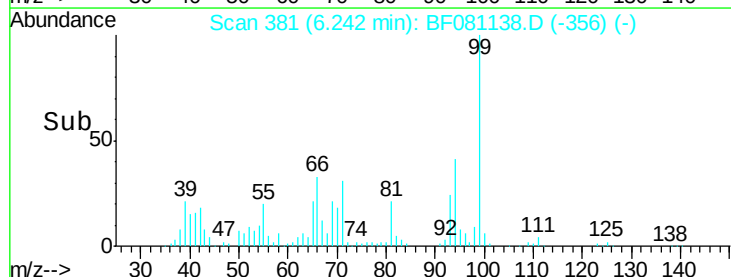
65 87.0 18.7 28.1#

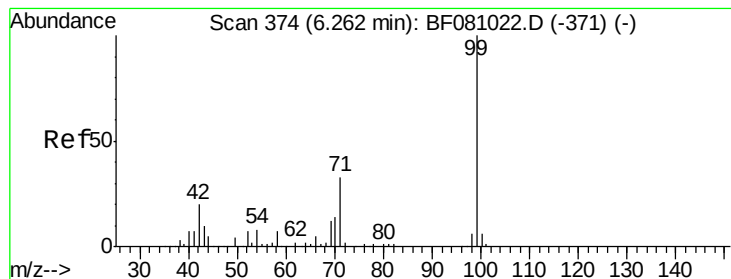


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.78 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

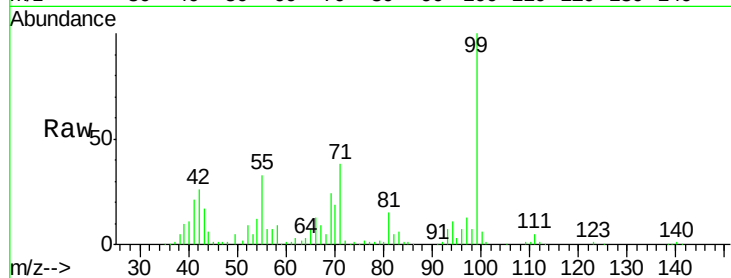
Tot Ion: 99 Resp: 616705

Ion Ratio Lower Upper

99 100

42 25.8 19.6 29.4

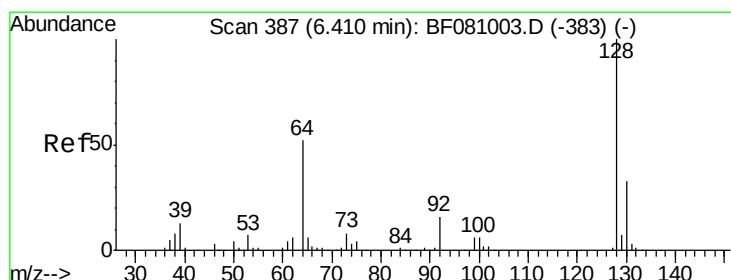
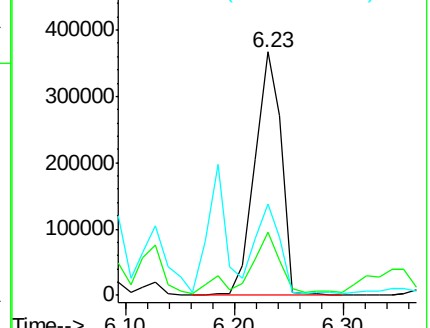
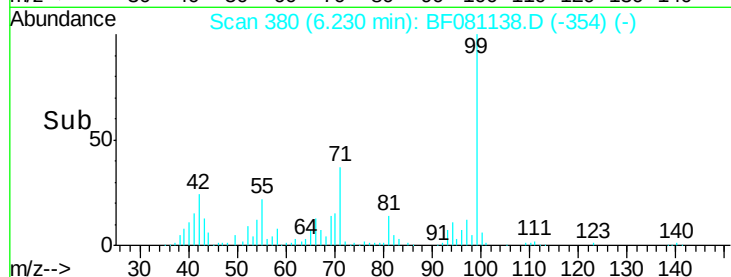
71 37.7 31.2 46.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 32.91 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

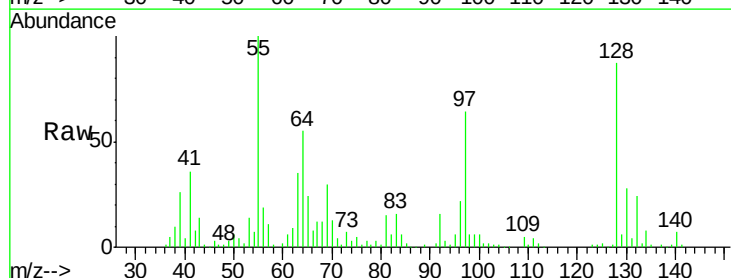
Tgt Ion:128 Resp: 147051

Ion Ratio Lower Upper

128 100

130 32.6 12.5 52.5

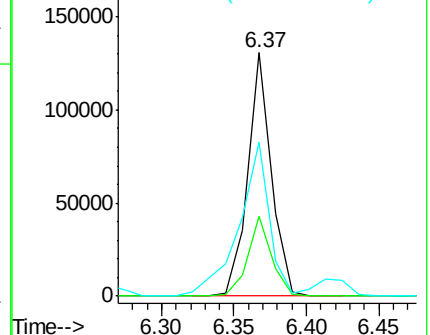
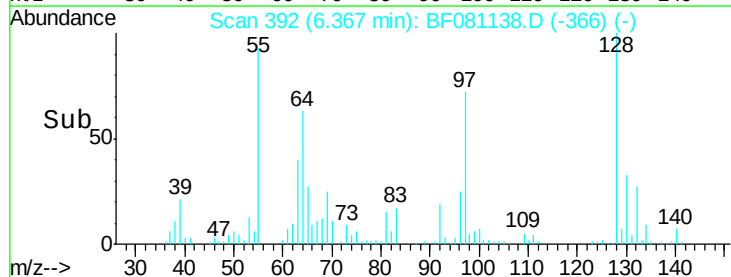
64 63.5 46.8 86.8

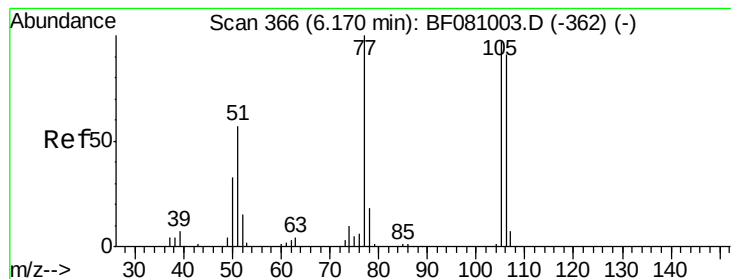


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 66.93 ng

RT: 6.10 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

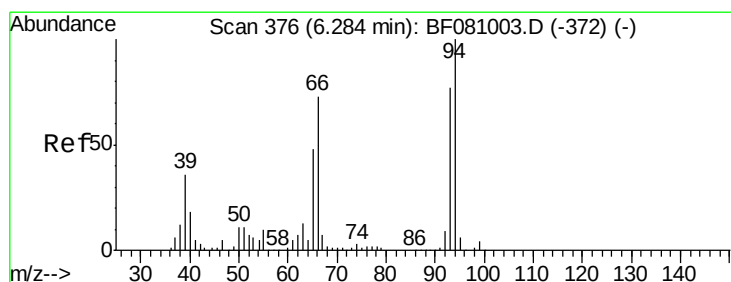
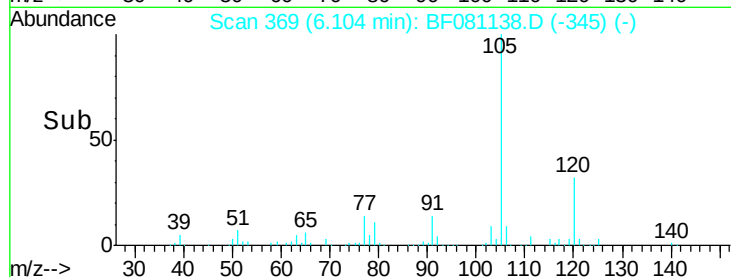
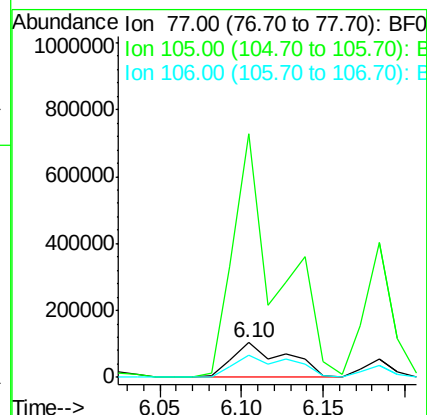
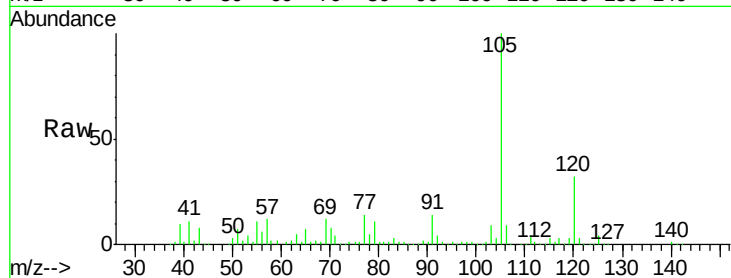
Tot Ion: 77 Resp: 229822

Ion Ratio Lower Upper

77 100

105 708.0 69.6 109.6#

106 64.0 64.0 104.0#



#10

Phenol

Concen: 29.58 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

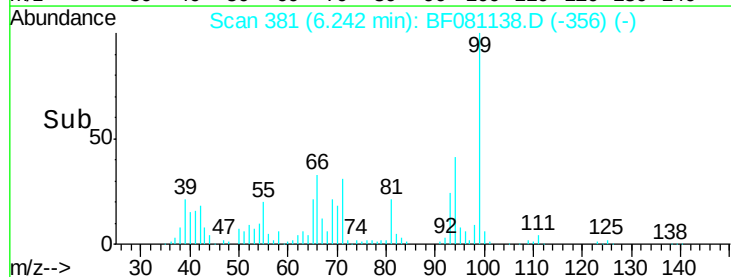
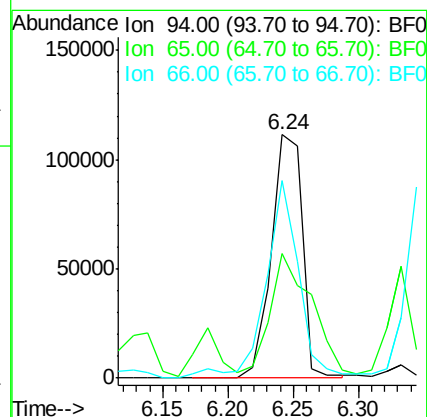
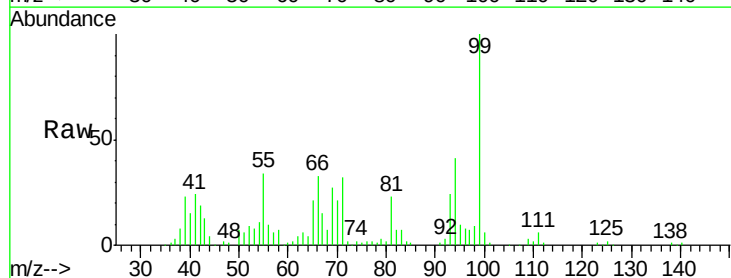
Tgt Ion: 94 Resp: 186069

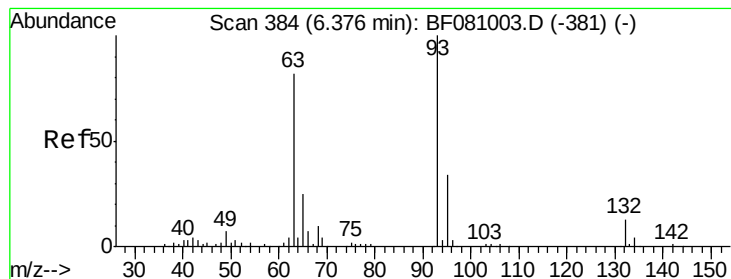
Ion Ratio Lower Upper

94 100

65 51.3 28.4 68.4

66 81.4 52.3 92.3





#11

bis(2-Chloroethyl)ether

Concen: 33.58 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

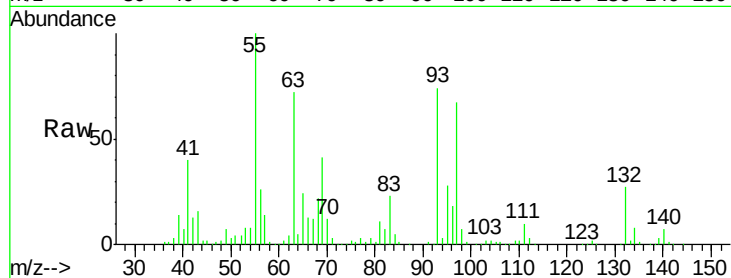
Tot Ion: 93 Resp: 162096

Ion Ratio Lower Upper

93 100

63 96.1 69.6 109.6

95 37.8 12.3 52.3

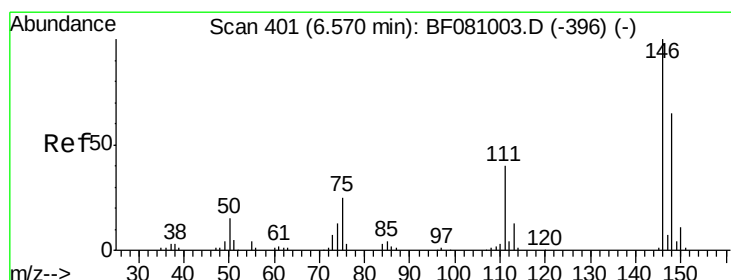
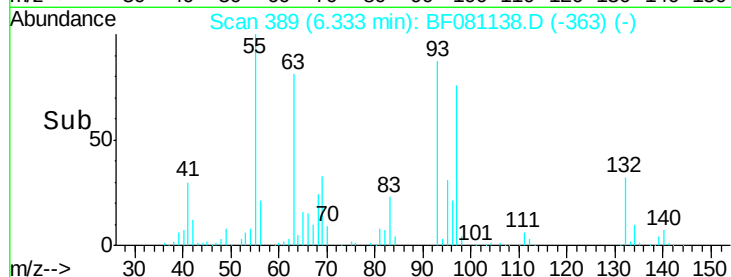
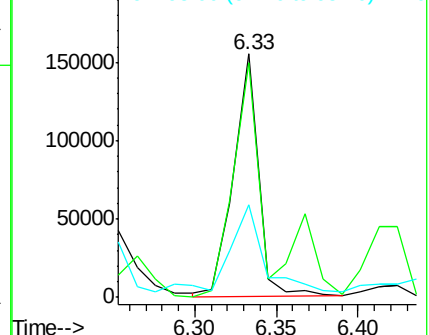


Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 31.21 ng

RT: 6.53 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

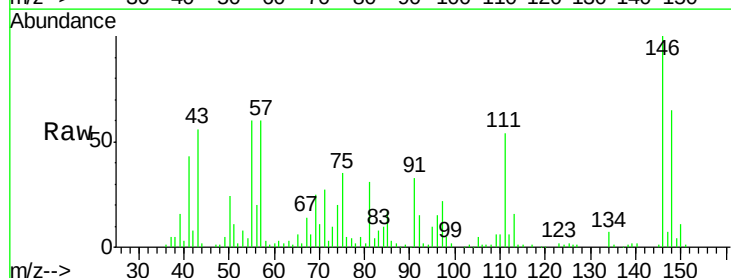
Tgt Ion: 146 Resp: 149873

Ion Ratio Lower Upper

146 100

148 64.8 53.3 79.9

75 34.8 25.0 37.6

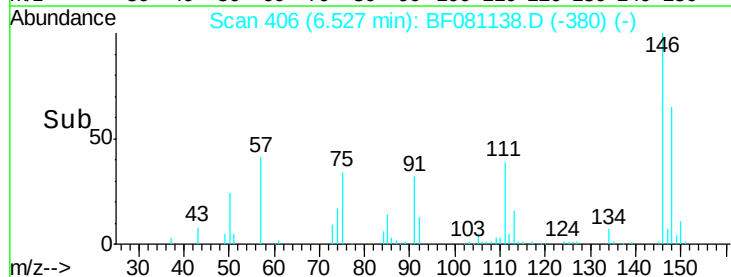
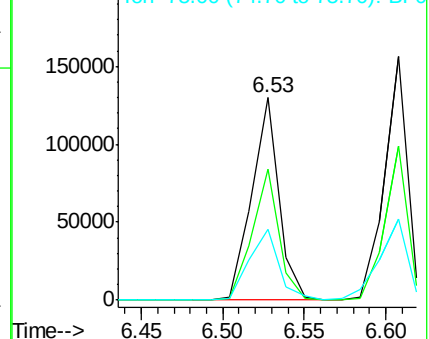


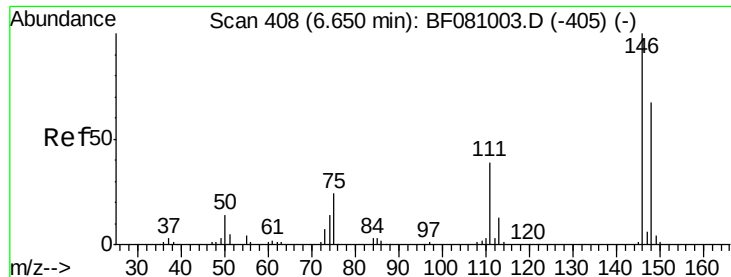
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

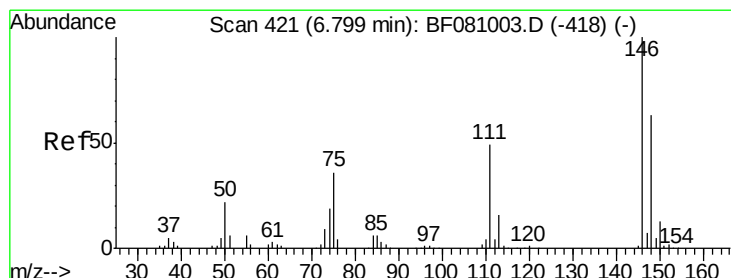
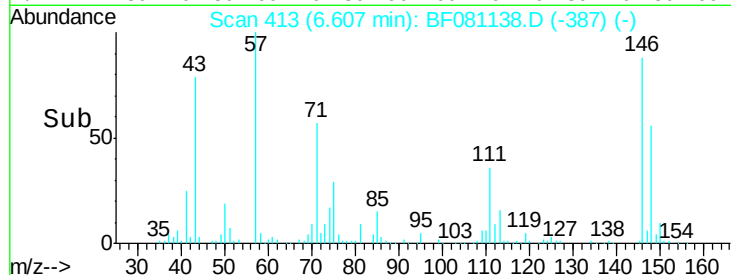
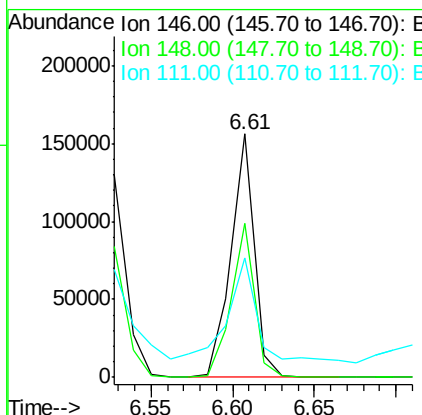
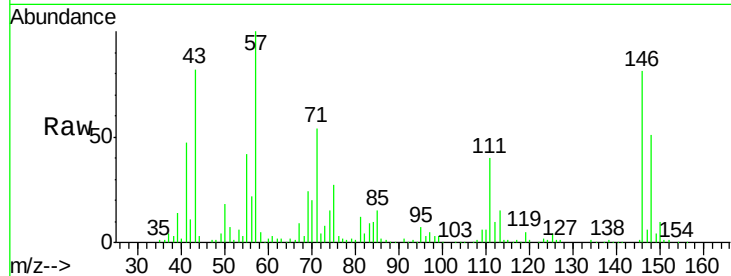




#13
 1,4-Dichlorobenzene
 Concen: 32.35 ng
 RT: 6.61 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: BF081138.D
 Acq: 20 Aug 2015 22:15

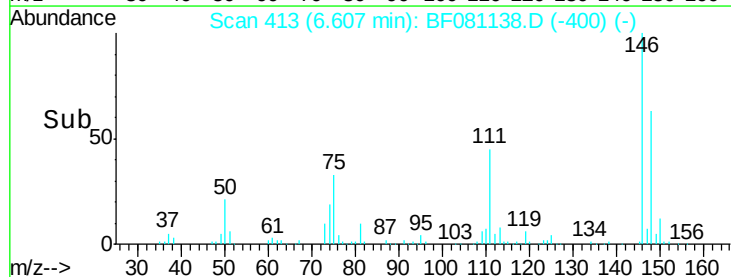
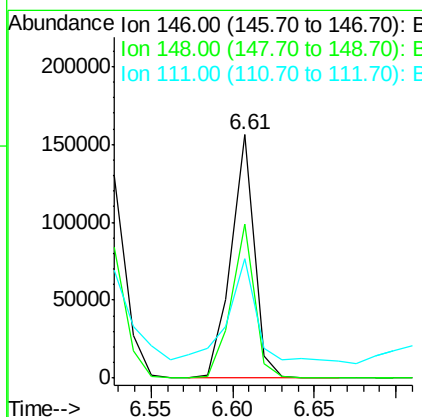
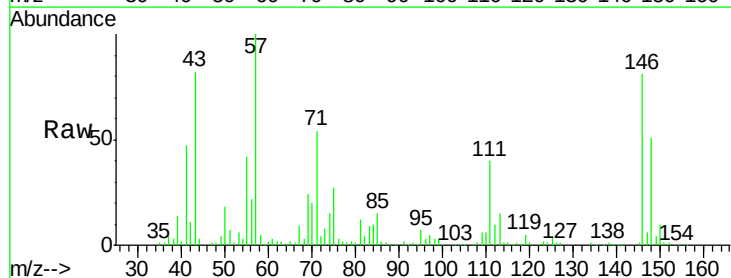
Instrument :
 BNA_F
 ClientSampleId :
 A-PIPE(4)MS

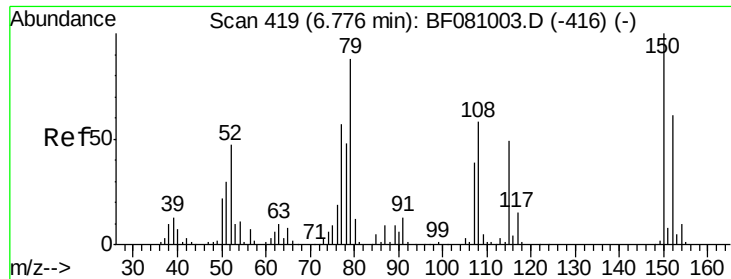
Tot Ion:146 Resp: 153788
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.3 78.5
 111 49.0 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 34.56 ng
 RT: 6.61 min Scan# 413
 Delta R.T. -0.15 min
 Lab File: BF081138.D
 Acq: 20 Aug 2015 22:15

Tgt Ion:146 Resp: 153788
 Ion Ratio Lower Upper
 146 100
 148 63.2 48.7 73.1
 111 49.0 42.3 63.5





#15

Benzyl Alcohol

Concen: 33.82 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

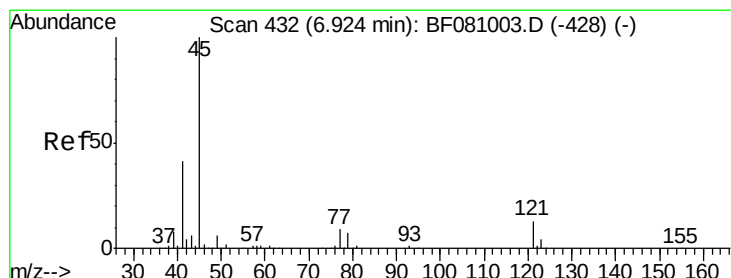
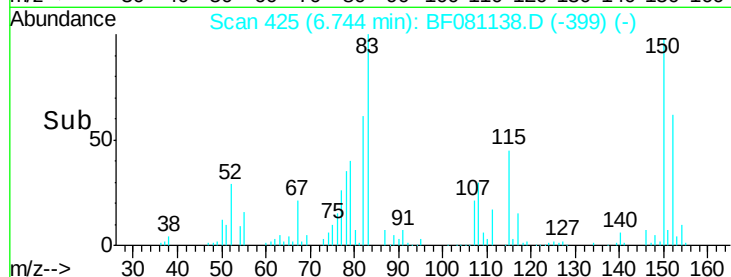
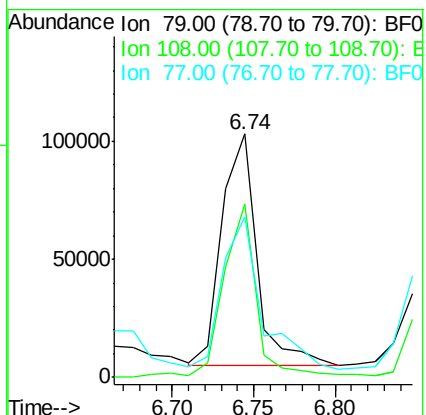
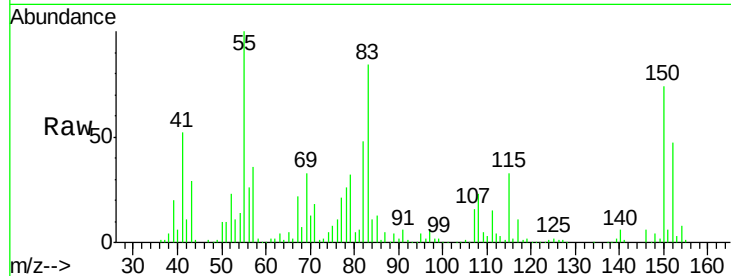
Tot Ion: 79 Resp: 145741

Ion Ratio Lower Upper

79 100

108 71.2 49.4 74.2

77 65.8 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.59 ng

RT: 6.89 min Scan# 438

Delta R.T. 0.01 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

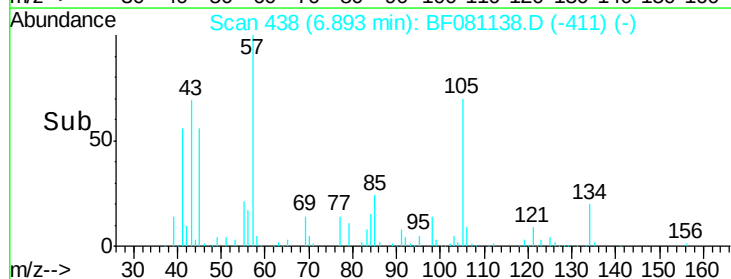
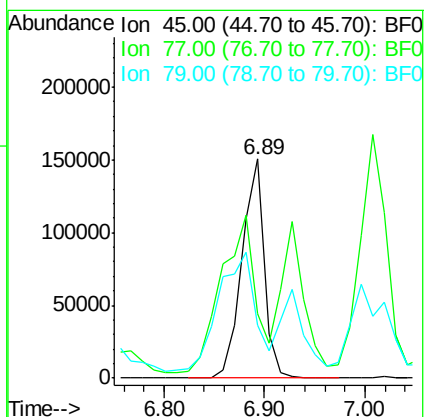
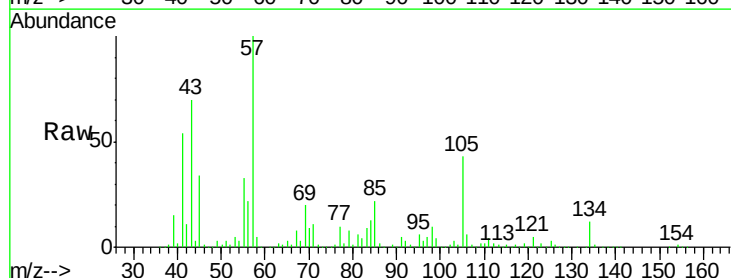
Tgt Ion: 45 Resp: 233265

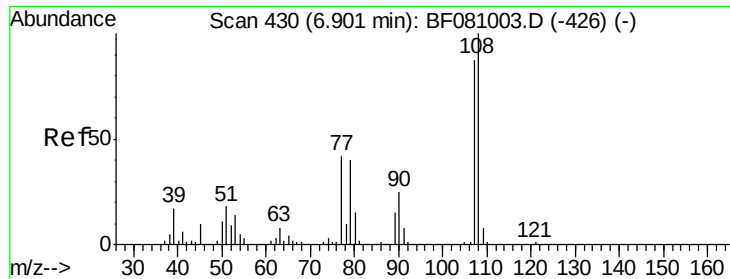
Ion Ratio Lower Upper

45 100

77 29.3 0.0 30.2

79 24.4 0.0 28.0

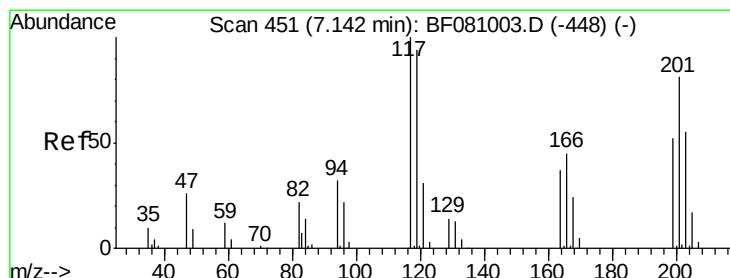
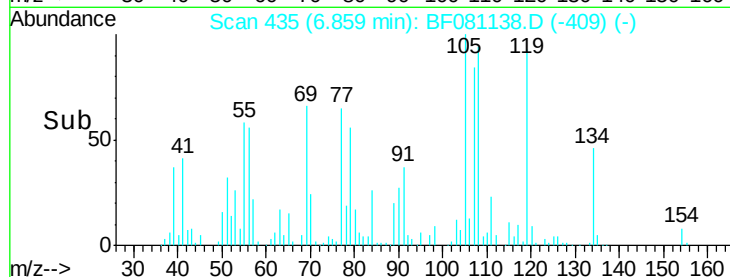
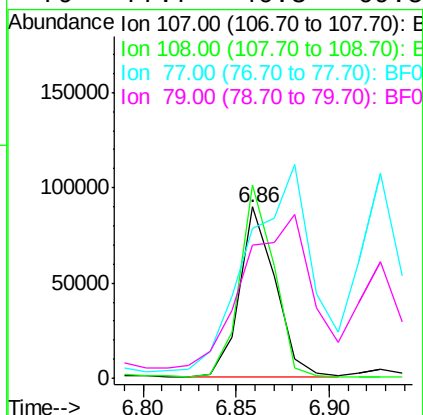
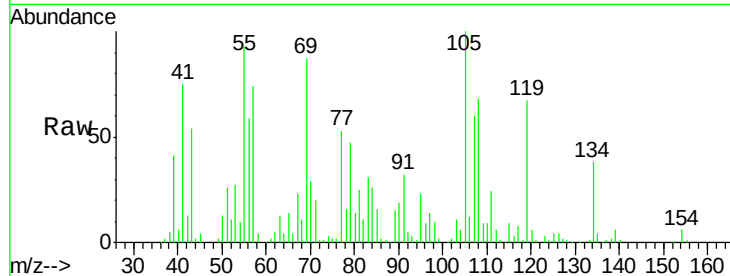




#17
2-Methylphenol
Concen: 31.40 ng
RT: 6.86 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

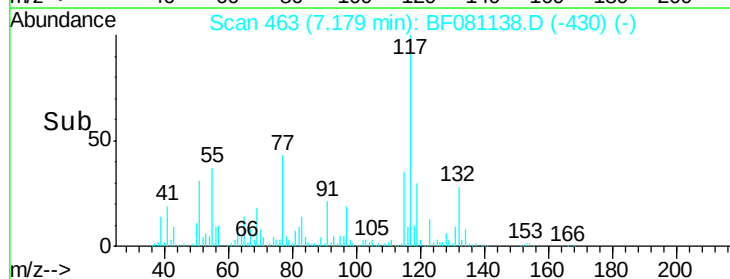
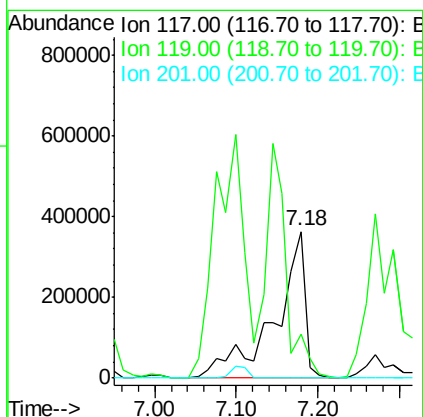
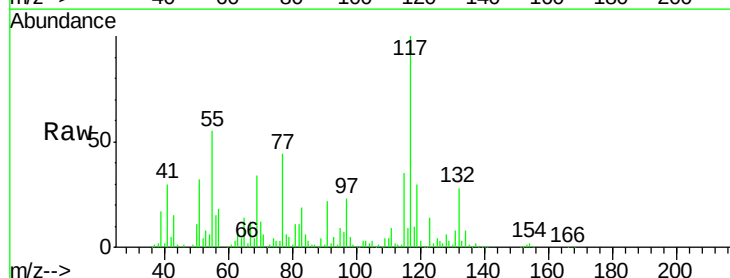
Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)MS

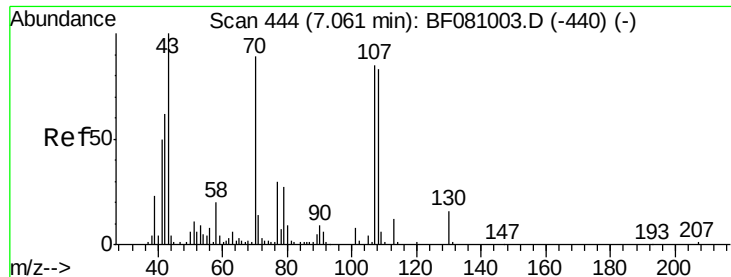
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.4	135.6
77	87.8	46.5	69.7#
79	77.7	46.3	69.5#



#18
Hexachloroethane
Concen: 484.54 ng
RT: 7.18 min Scan# 463
Delta R.T. 0.08 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	30.0	77.9	116.9#
201	0.0	61.3	91.9#

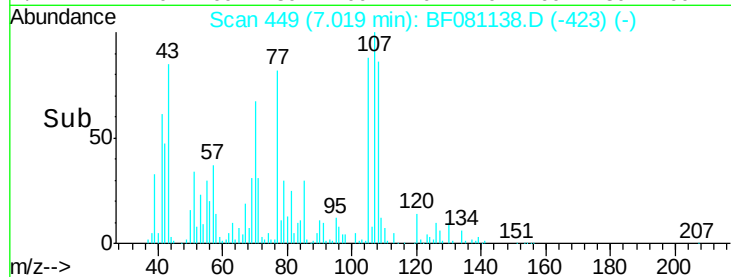
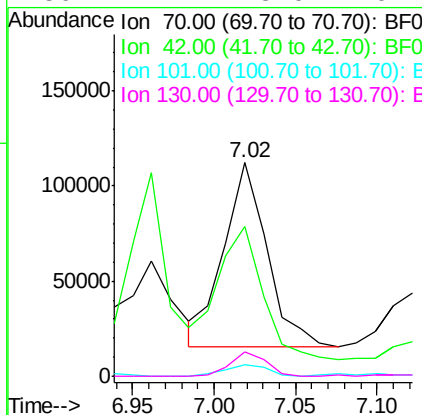
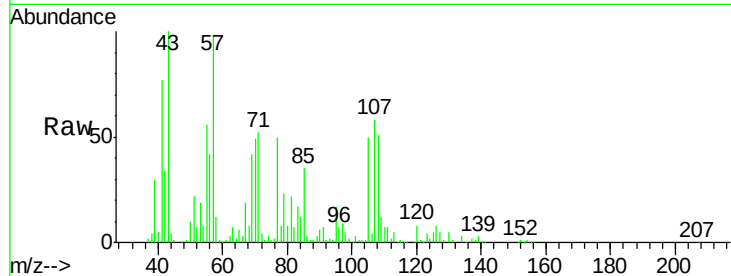




#19
n-Nitroso-di-n-propylamine
Concen: 48.25 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

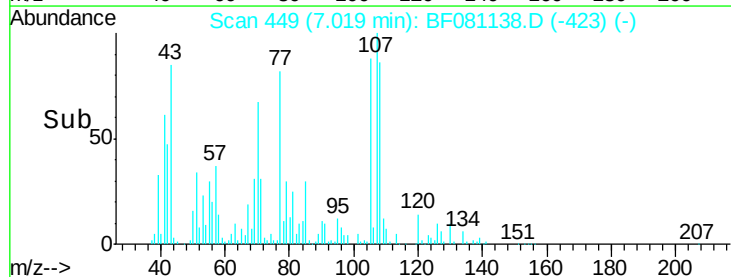
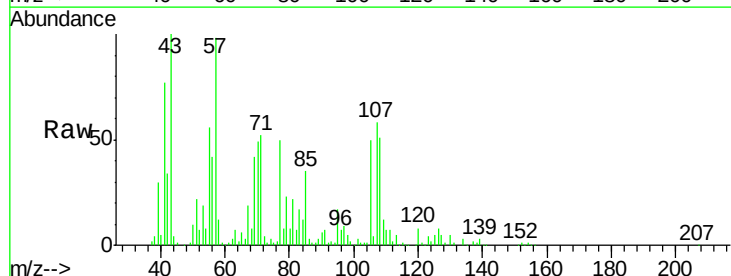
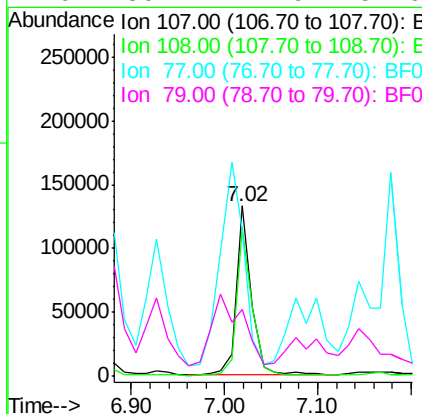
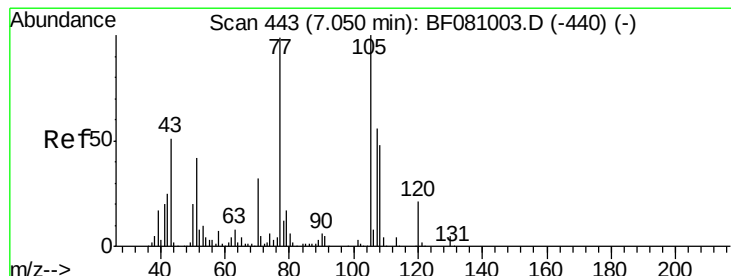
Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)MS

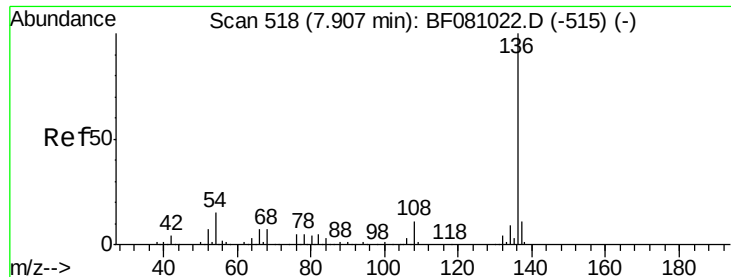
Tot Ion: 70 Resp: 178033
Ion Ratio Lower Upper
70 100
42 70.4 65.0 97.4
101 5.5 7.4 11.2#
130 11.1 13.0 19.4#



#20
3+4-Methylphenols
Concen: 31.19 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

Tgt Ion:107 Resp: 151763
Ion Ratio Lower Upper
107 100
108 87.6 66.1 106.1
77 85.7 139.3 179.3#
79 39.4 11.9 51.9

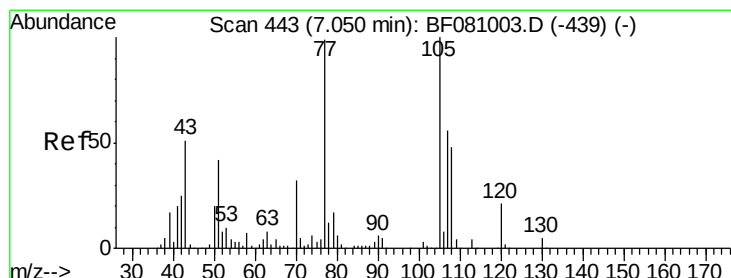
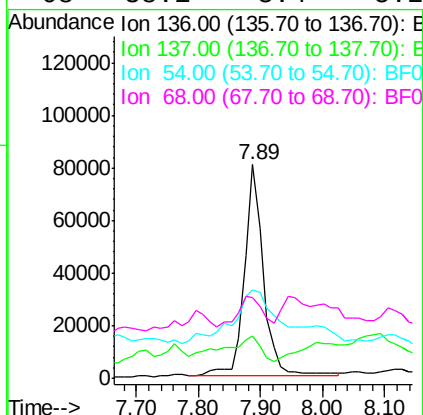
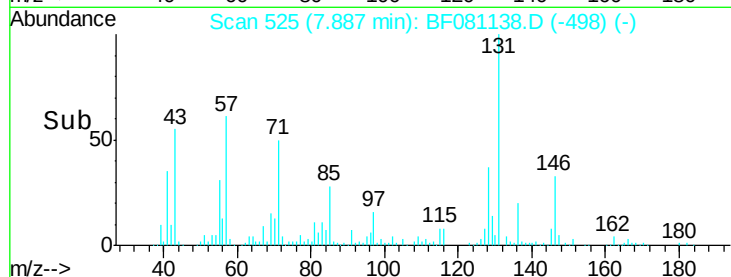
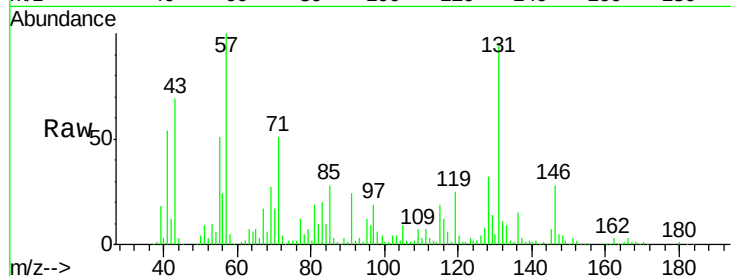




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.89 min Scan# 525
Delta R.T. 0.01 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

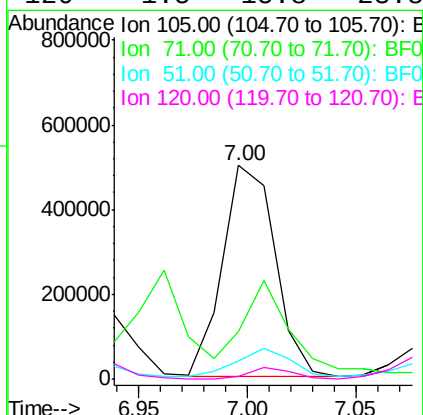
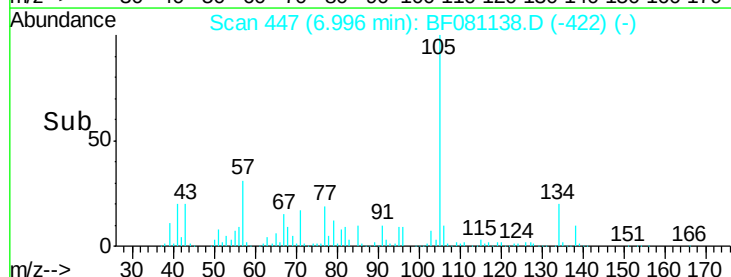
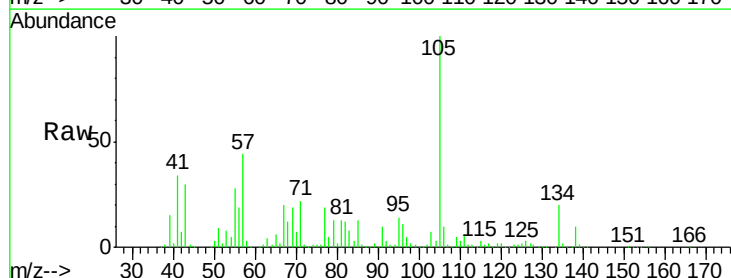
Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)MS

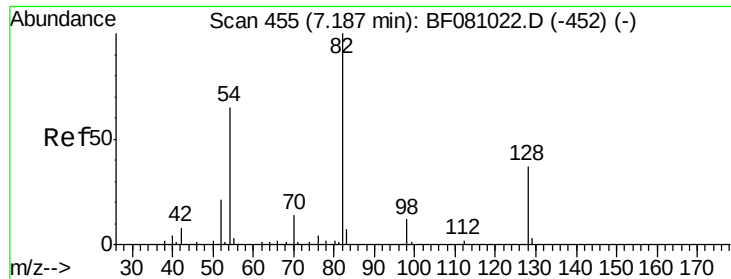
Tot Ion:136	Resp:	171978
Ion Ratio	Lower	Upper
136	100	
137	19.7	8.2 12.2#
54	41.6	7.7 11.5#
68	38.1	3.4 5.2#



#22
Acetophenone
Concen: 185.29 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

Tgt Ion:105	Resp:	836608
Ion Ratio	Lower	Upper
105	100	
71	22.0	3.0 4.6#
51	8.5	39.8 59.8#
120	1.5	15.8 23.8#

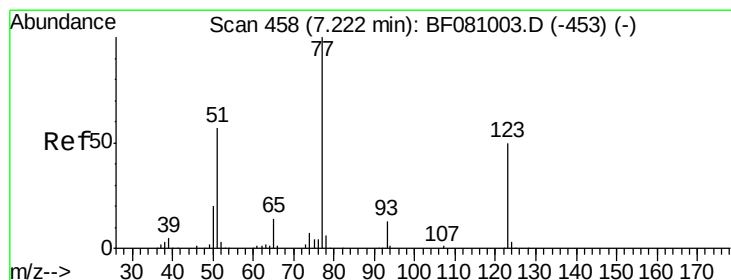
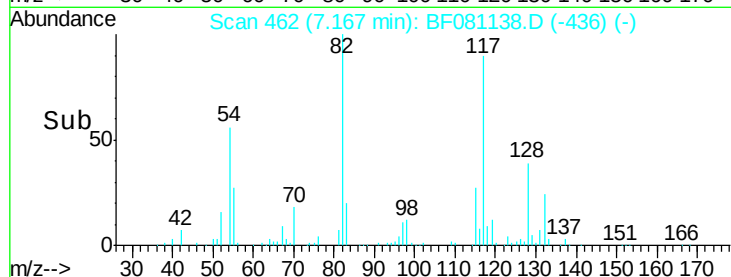
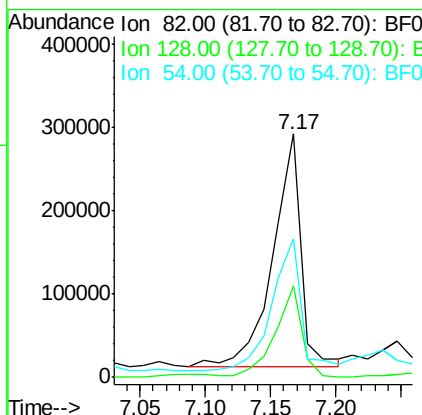
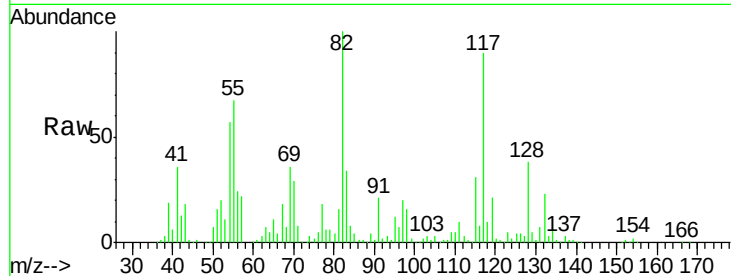




#23
 Nitrobenzene-d5
 Concen: 112.80 ng
 RT: 7.17 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF081138.D
 Acq: 20 Aug 2015 22:15

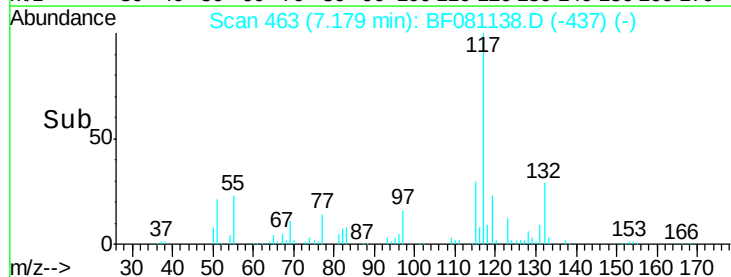
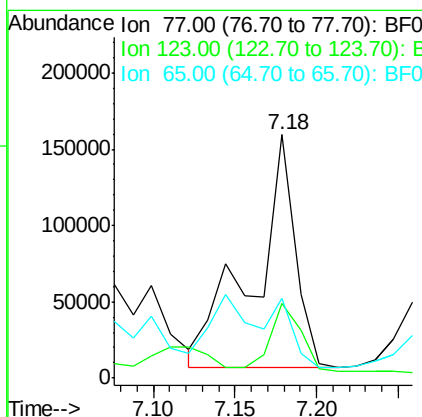
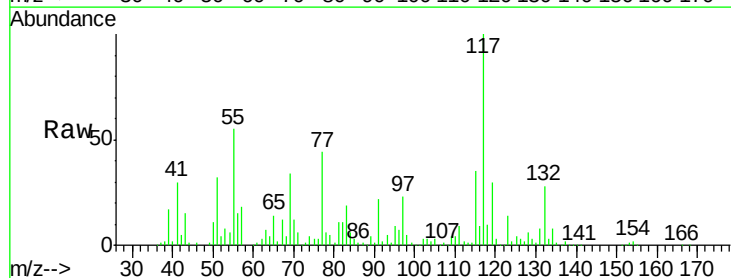
Instrument :
 BNA_F
 ClientSampleId :
 A-PIPE(4)MS

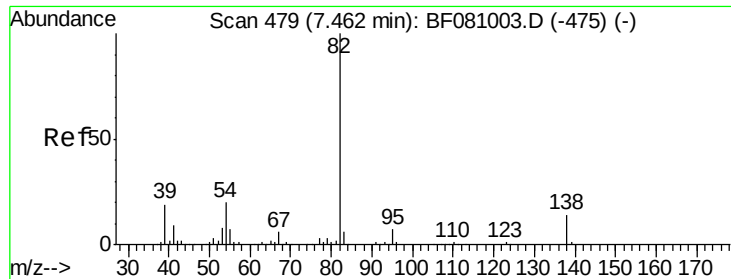
Tot Ion	82	Resp	424673
Ion Ratio	Lower	Upper	
82	100		
128	37.7	28.6	42.8
54	57.0	55.1	82.7



#24
 Nitrobenzene
 Concen: 68.86 ng
 RT: 7.18 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF081138.D
 Acq: 20 Aug 2015 22:15

Tgt Ion	77	Resp	271055
Ion Ratio	Lower	Upper	
77	100		
123	30.8	32.9	49.3#
65	32.9	12.5	18.7#





#25

Isophorone

Concen: 51.10 ng

RT: 7.43 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

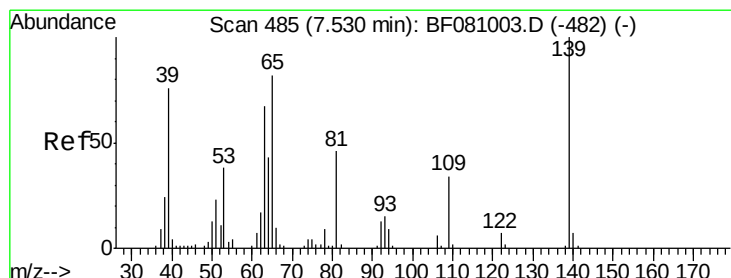
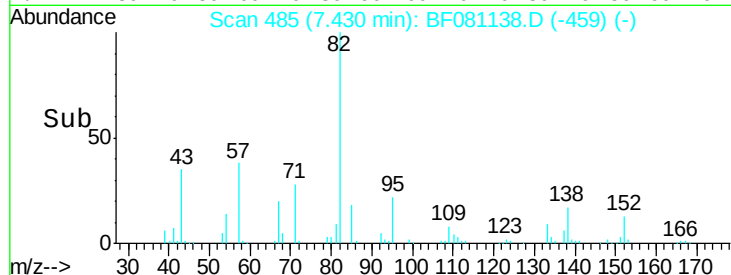
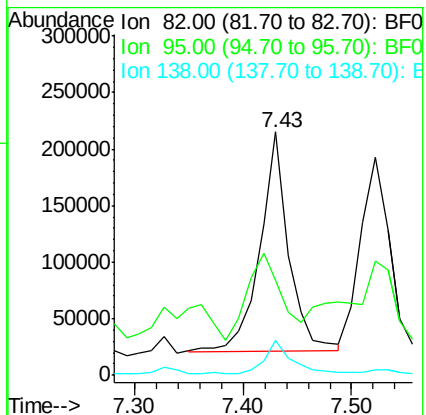
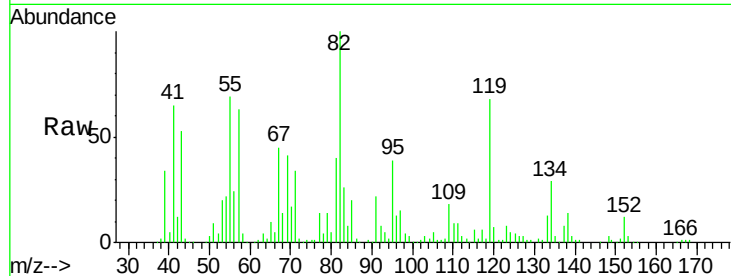
Tot Ion: 82 Resp: 358734

Ion Ratio Lower Upper

82 100

95 39.0 6.2 9.2#

138 14.3 10.5 15.7



#26

2-Nitrophenol

Concen: 42.66 ng

RT: 7.50 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

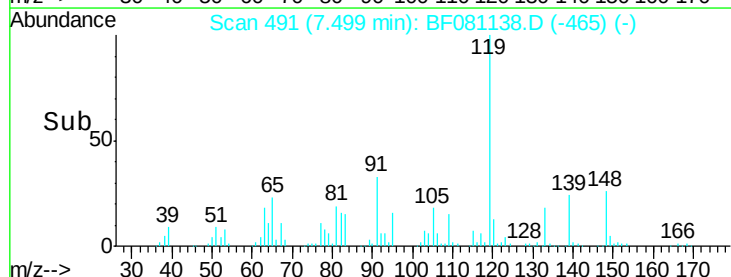
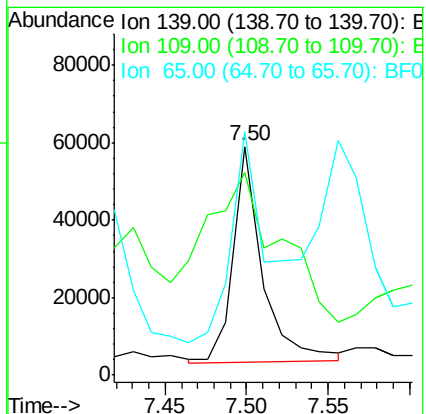
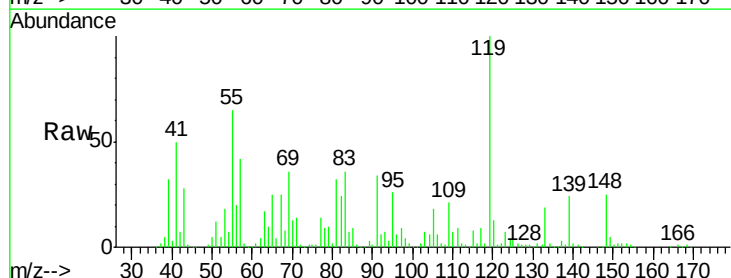
Tgt Ion: 139 Resp: 69837

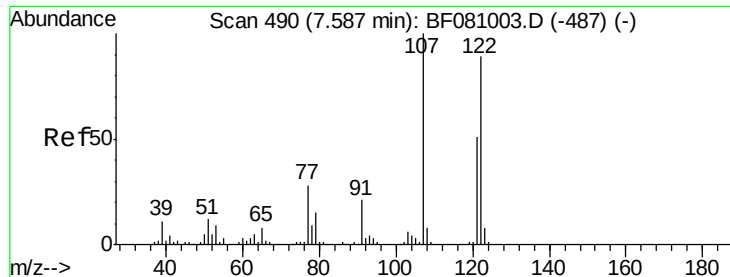
Ion Ratio Lower Upper

139 100

109 88.9 32.1 48.1#

65 106.5 69.9 104.9#





#27

2,4-Dimethylphenol

Concen: 43.73 ng

RT: 7.56 min Scan# 496

Delta R.T. 0.01 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

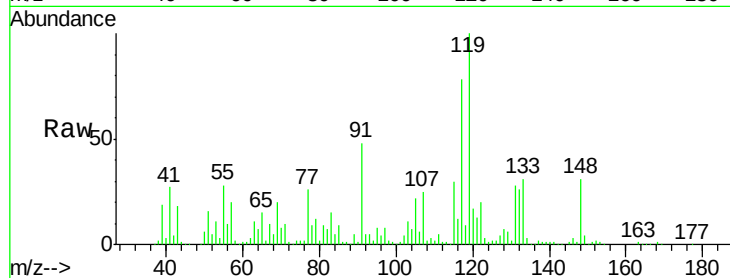
Tot Ion:122 Resp: 126644

Ion Ratio Lower Upper

122 100

107 124.3 103.8 155.6

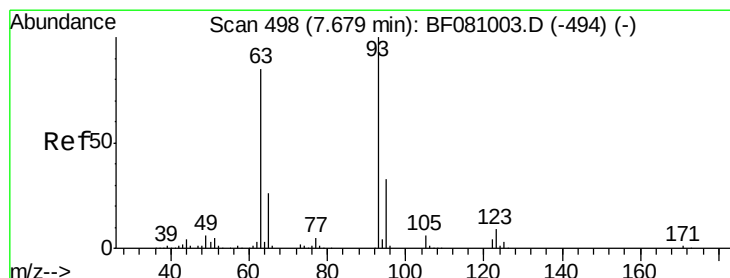
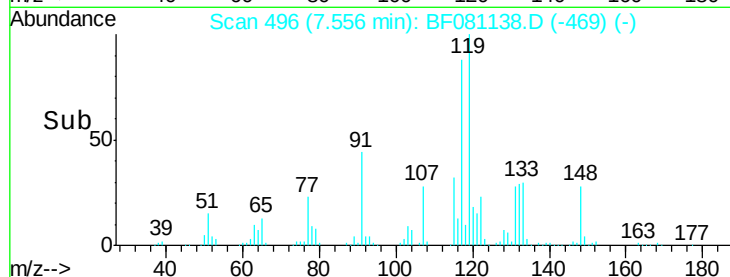
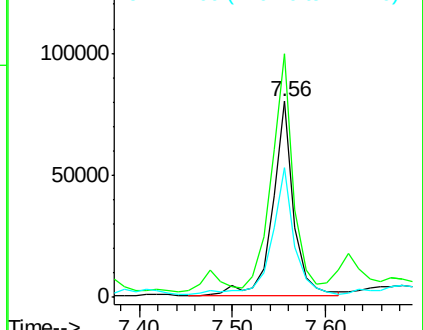
121 66.4 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.38 ng

RT: 7.65 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

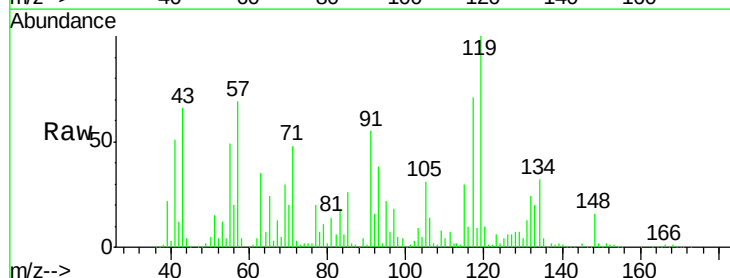
Tgt Ion: 93 Resp: 188220

Ion Ratio Lower Upper

93 100

95 58.6 25.8 38.8#

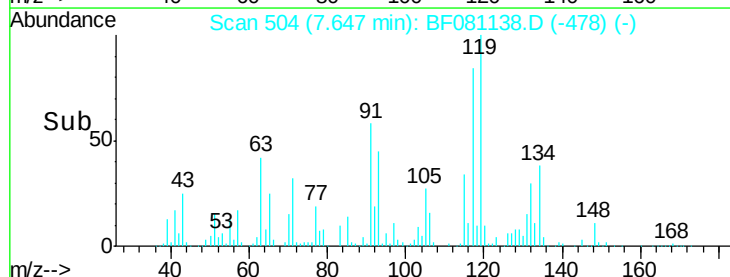
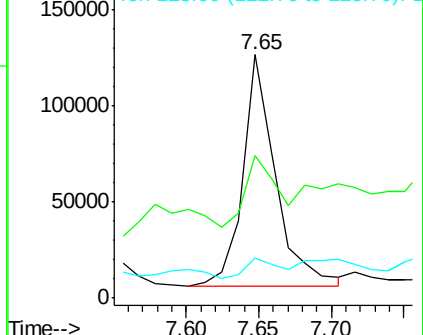
123 16.2 7.4 11.0#

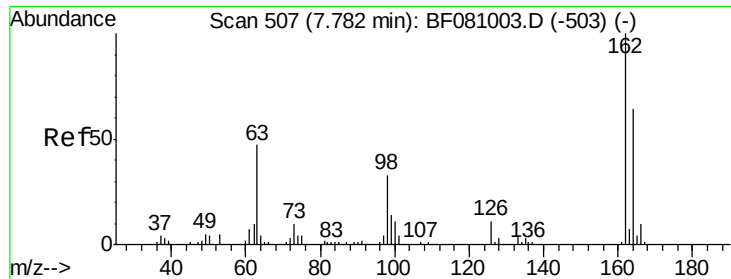


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.42 ng

RT: 7.75 min Scan# 513

Delta R.T. 0.01 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

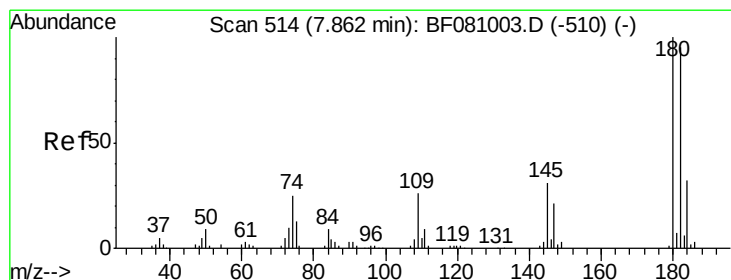
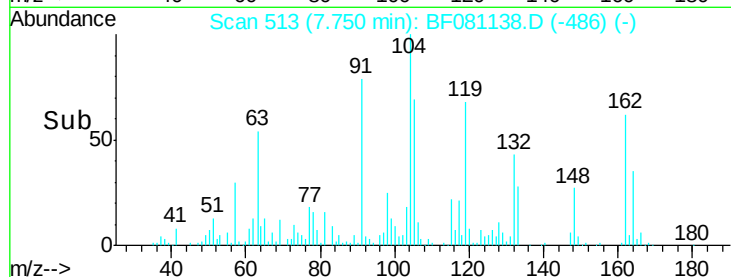
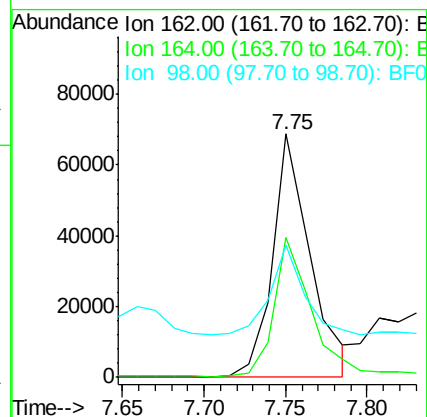
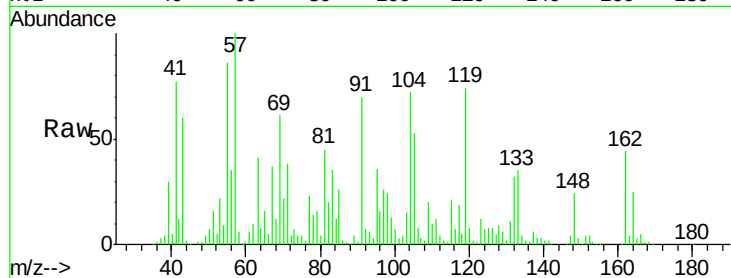
Tot Ion:162 Resp: 110753

Ion Ratio Lower Upper

162 100

164 57.6 43.2 83.2

98 54.2 12.3 52.3#



#30

1,2,4-Trichlorobenzene

Concen: 39.59 ng

RT: 7.83 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

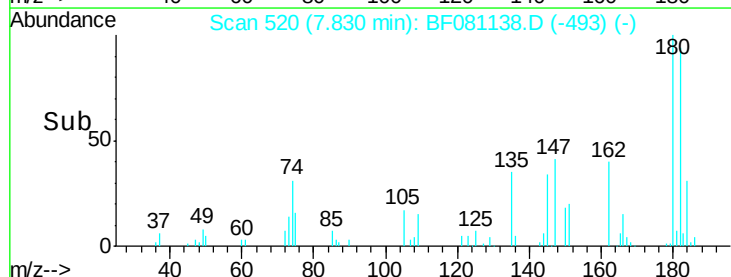
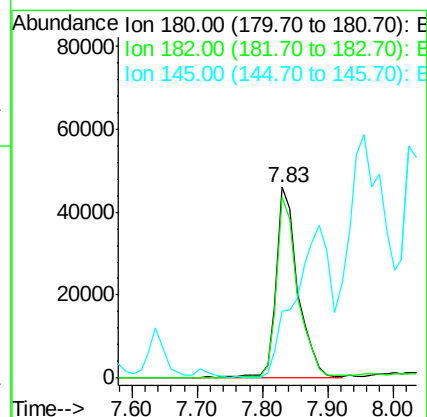
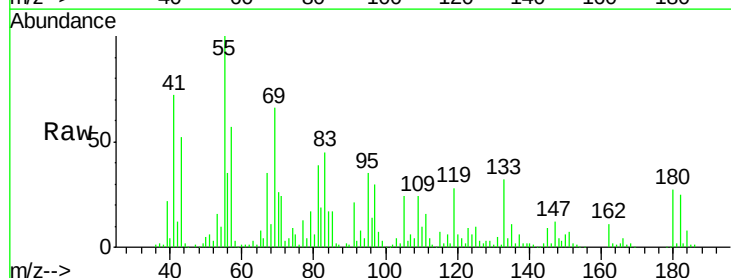
Tgt Ion:180 Resp: 107286

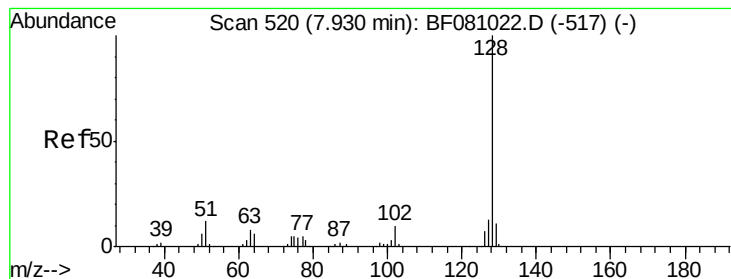
Ion Ratio Lower Upper

180 100

182 94.4 76.4 114.6

145 35.3 25.4 38.2





#31

Naphthalene

Concen: 175.51 ng

RT: 7.91 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

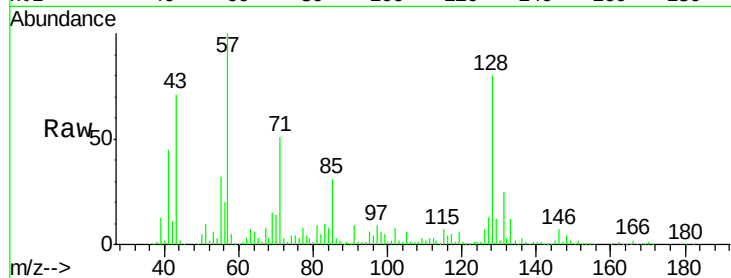
Tot Ion:128 Resp: 1682488

Ion Ratio Lower Upper

128 100

129 14.9 8.4 12.6#

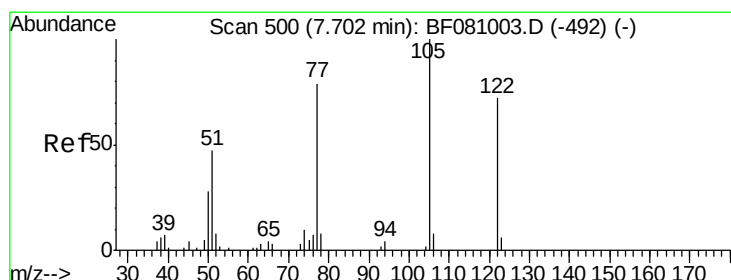
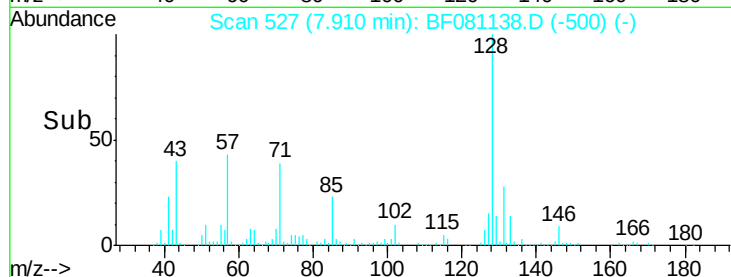
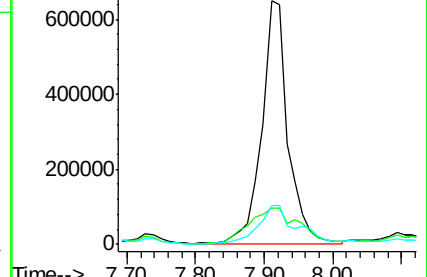
127 15.9 10.6 16.0



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: 7.74 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

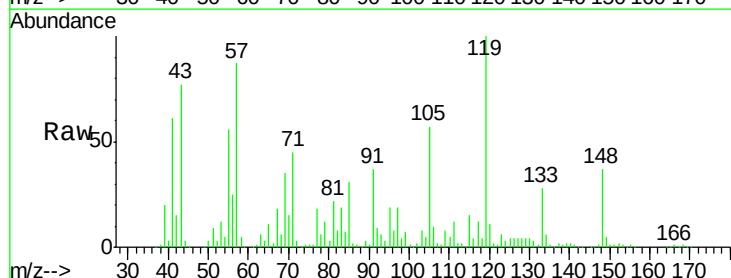
Tgt Ion:122 Resp: 12607

Ion Ratio Lower Upper

122 100

105 3818.2 113.8 153.8#

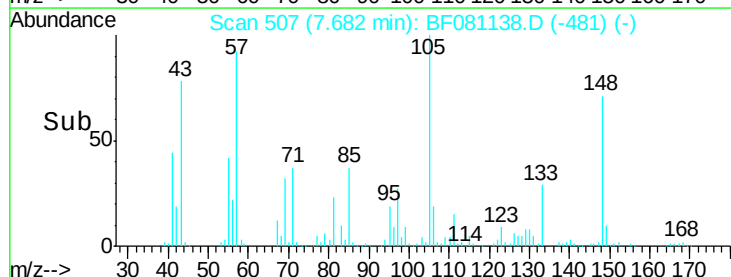
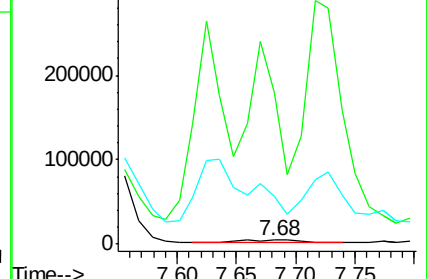
77 1193.8 93.8 133.8#

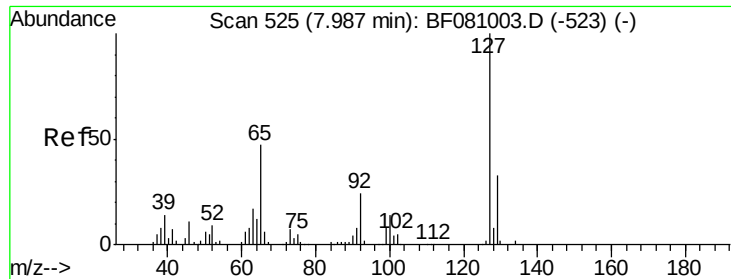


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

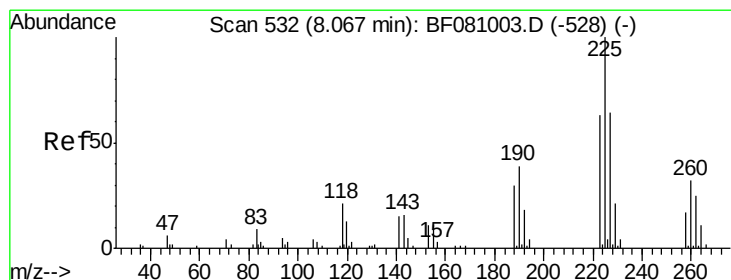
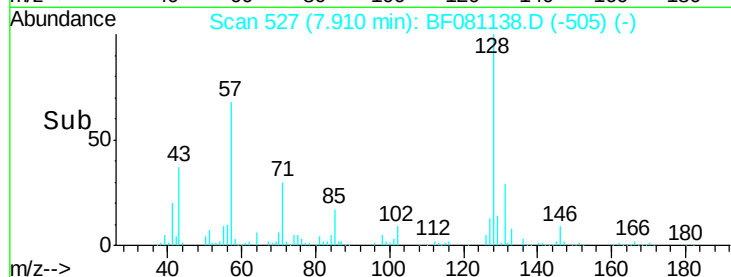
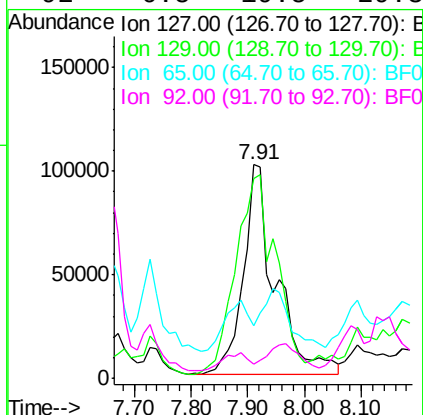
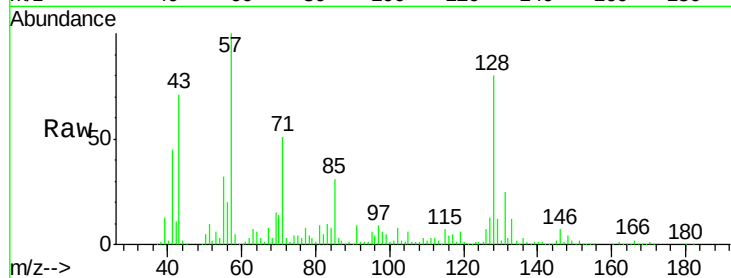




#33
 4-Chloroaniline
 Concen: 98.80 ng
 RT: 7.91 min Scan# 527
 Delta R.T. -0.05 min
 Lab File: BF081138.D
 Acq: 20 Aug 2015 22:15

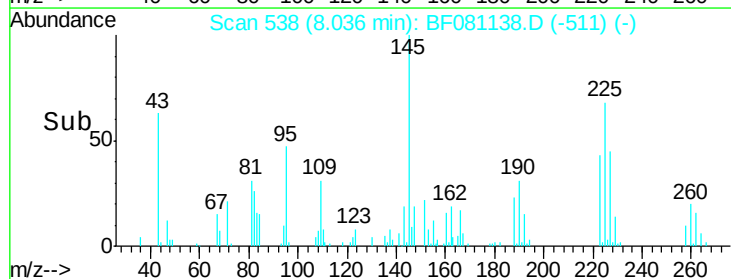
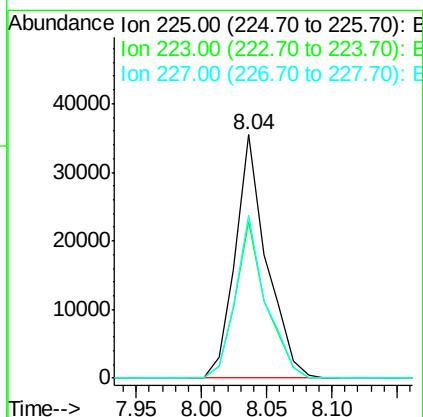
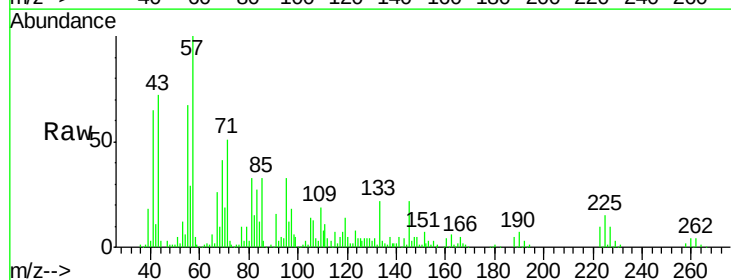
Instrument :
 BNA_F
 ClientSampleId :
 A-PIPE(4)MS

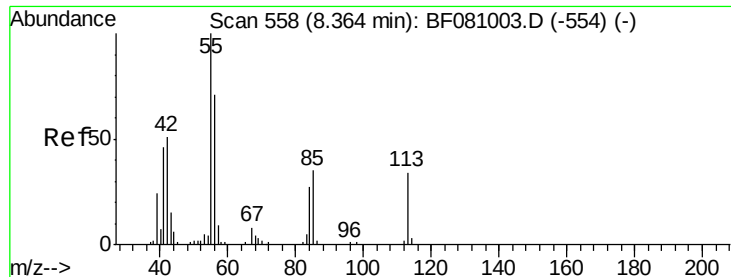
Tot Ion:127	Resp:	399619
Ion Ratio	Lower	Upper
127	100	
129	93.6	25.2 37.8#
65	24.5	37.8 56.6#
92	6.5	19.5 29.3#



#34
 Hexachlorobutadiene
 Concen: 38.50 ng
 RT: 8.04 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: BF081138.D
 Acq: 20 Aug 2015 22:15

Tgt Ion:225	Resp:	58999
Ion Ratio	Lower	Upper
225	100	
223	64.1	52.6 79.0
227	66.7	51.1 76.7





#35

Caprolactam

Concen: 232.26 ng

RT: 8.36 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

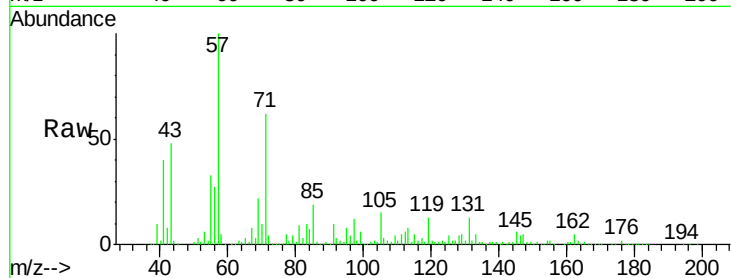
Tot Ion:113 Resp: 197918

Ion Ratio Lower Upper

113 100

55 443.4 280.4 320.4#

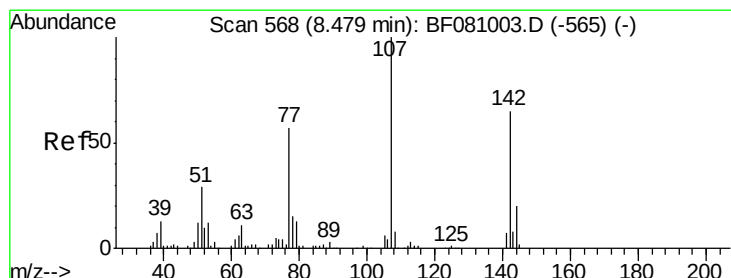
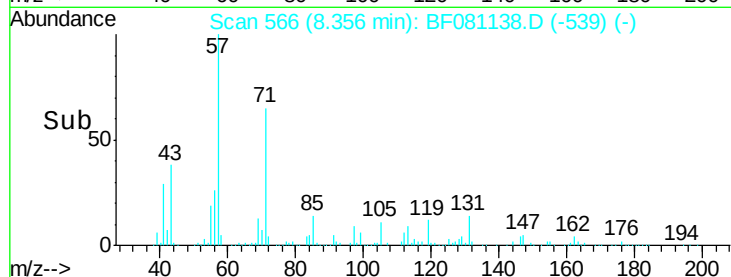
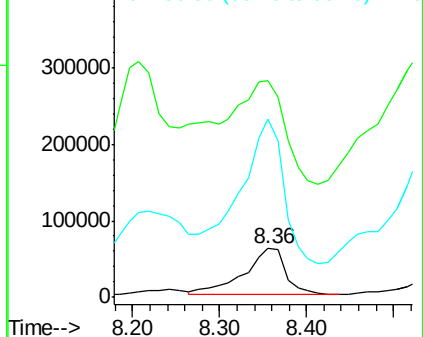
56 364.3 205.9 245.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.57 ng

RT: 8.47 min Scan# 576

Delta R.T. 0.02 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

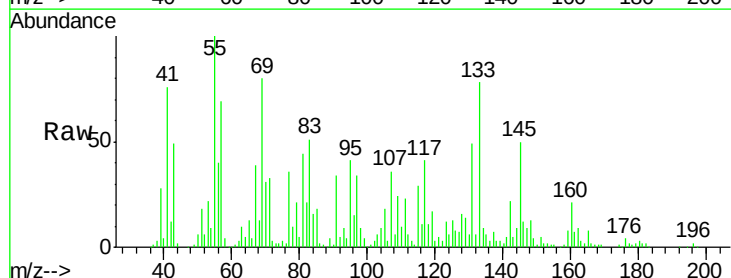
Tgt Ion:107 Resp: 117896

Ion Ratio Lower Upper

107 100

144 24.3 17.2 25.8

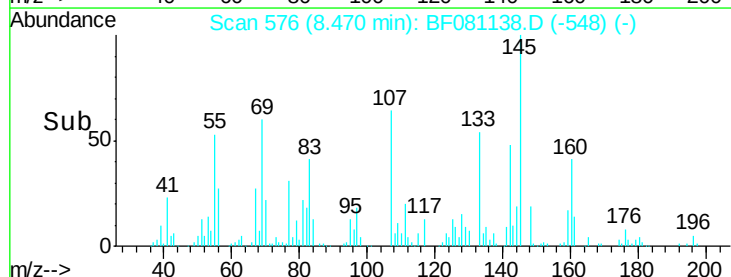
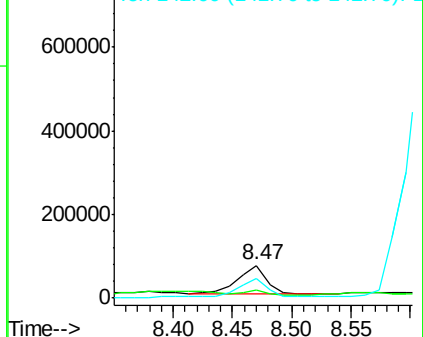
142 61.9 54.9 82.3

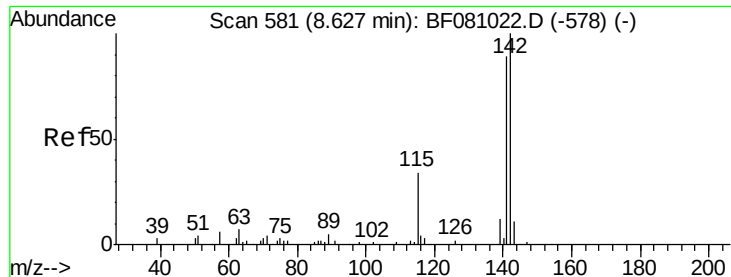


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

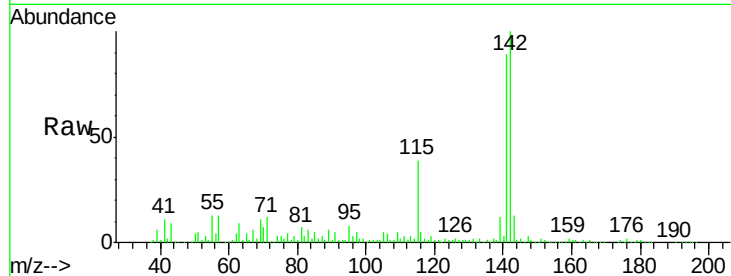




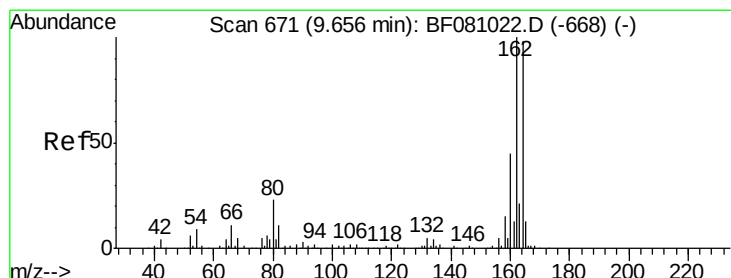
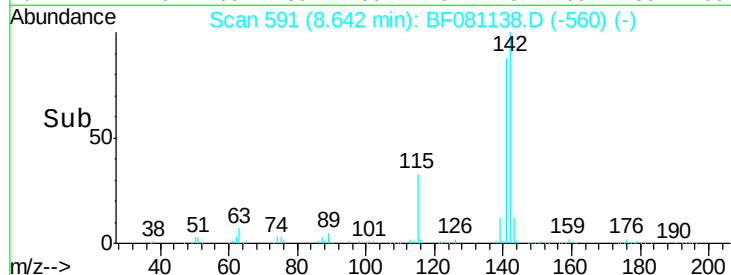
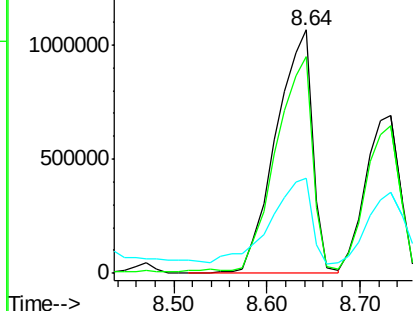
#37
2-Methylnaphthalene
Concen: 477.50 ng
RT: 8.64 min Scan# 591
Delta R.T. 0.06 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)MS

Tot Ion:142 Resp: 2891530
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2
115 39.2 33.4 50.0

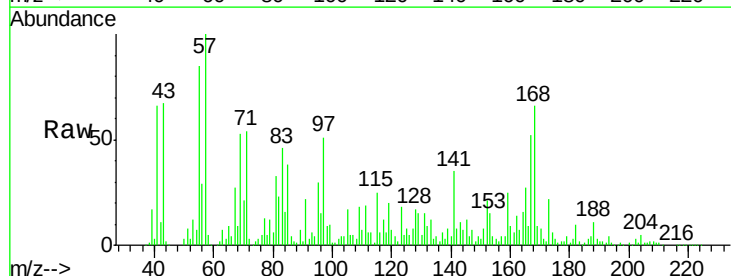


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

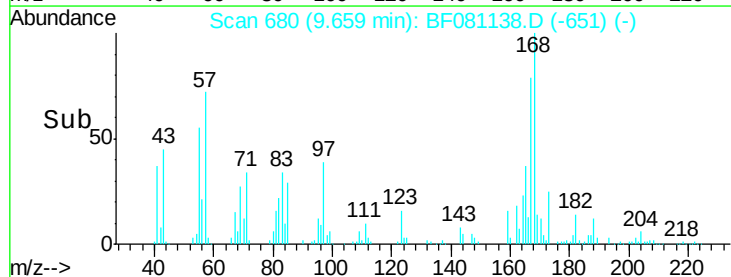
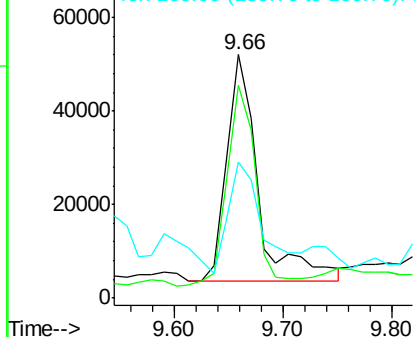


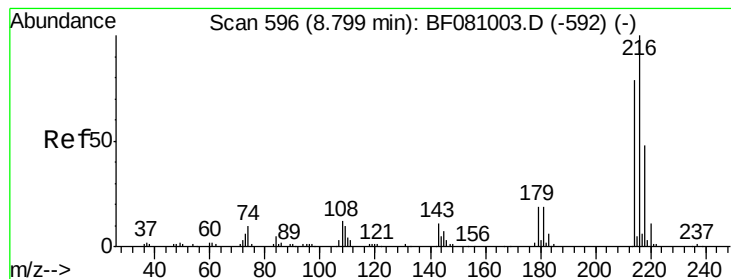
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 680
Delta R.T. 0.03 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

Tgt Ion:164 Resp: 96021
Ion Ratio Lower Upper
164 100
162 87.7 83.8 125.8
160 56.0 39.8 59.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.96 ng

RT: 8.80 min Scan# 605

Delta R.T. 0.05 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

Tot Ion:216 Resp: 80432

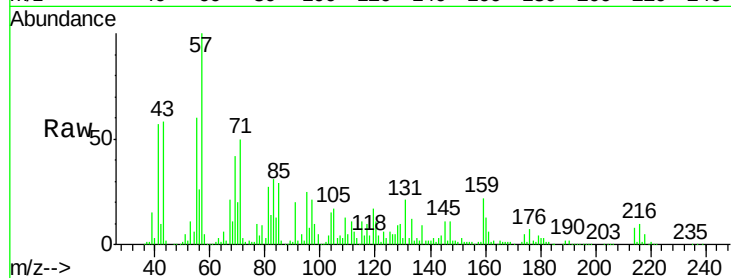
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.8

179 44.5 17.8 26.8#

108 37.4 16.2 24.2#

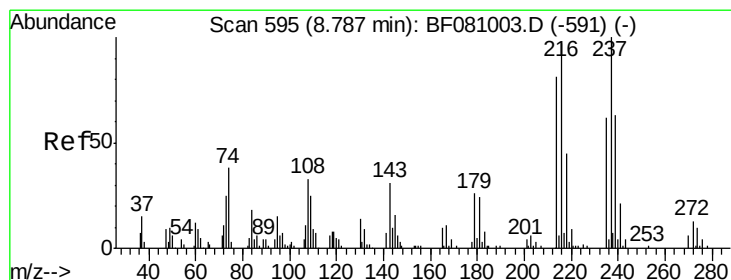
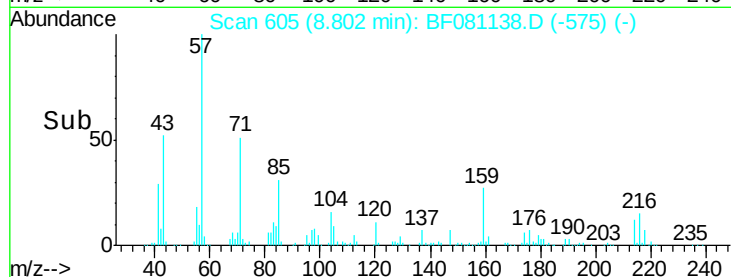
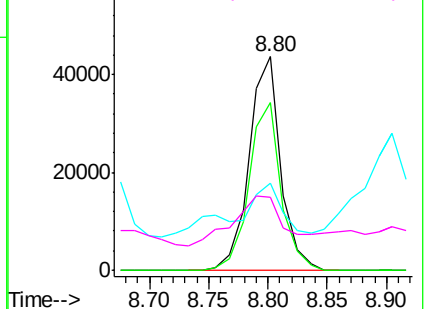


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.77 ng

RT: 8.78 min Scan# 603

Delta R.T. 0.03 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

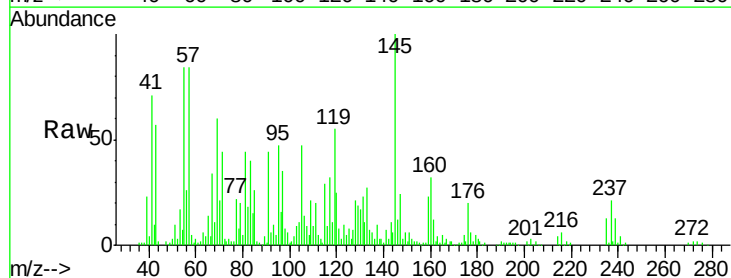
Tgt Ion:237 Resp: 63765

Ion Ratio Lower Upper

237 100

235 61.3 43.6 83.6

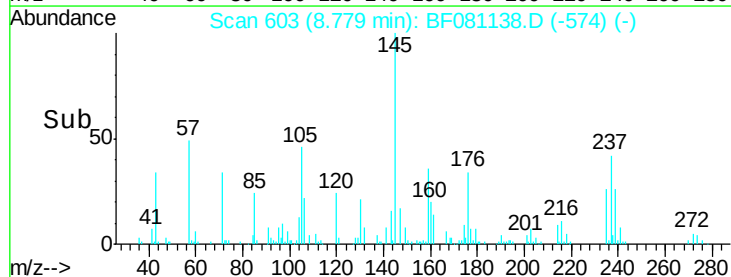
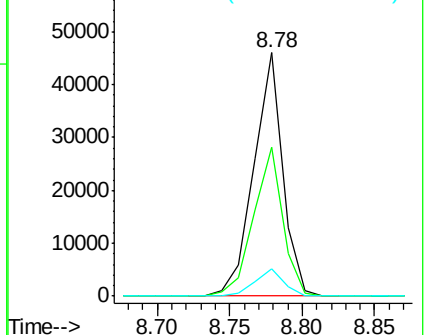
272 11.3 0.0 32.2

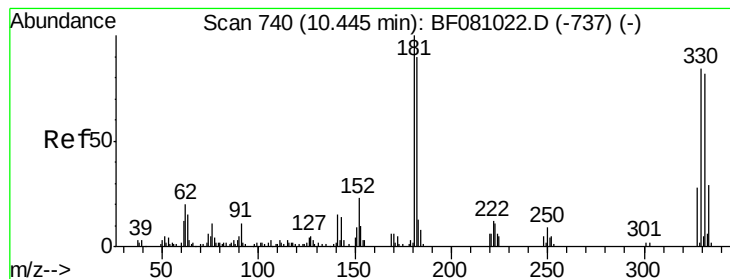


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 83.32 ng

RT: 10.45 min Scan# 749

Delta R.T. 0.05 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

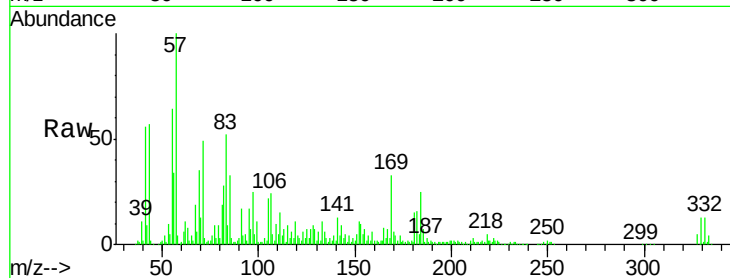
Tot Ion:330 Resp: 69352

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

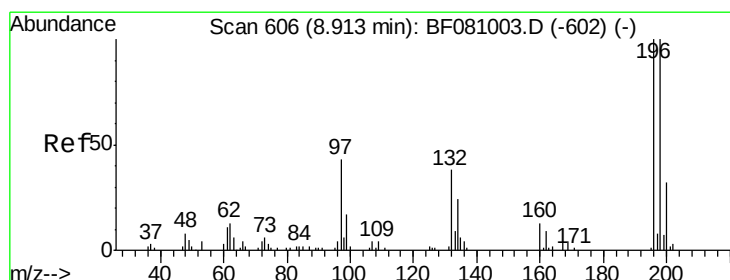
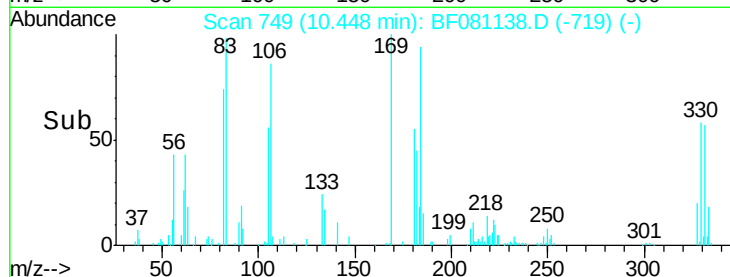
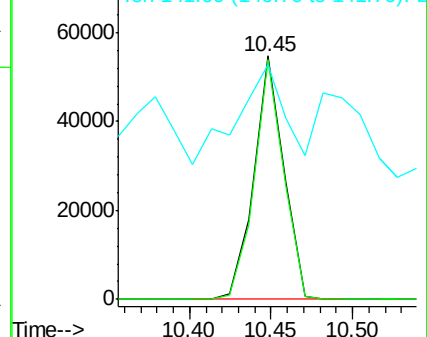
141 64.5 44.9 67.3



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: 48.95 ng

RT: 8.90 min Scan# 614

Delta R.T. 0.03 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

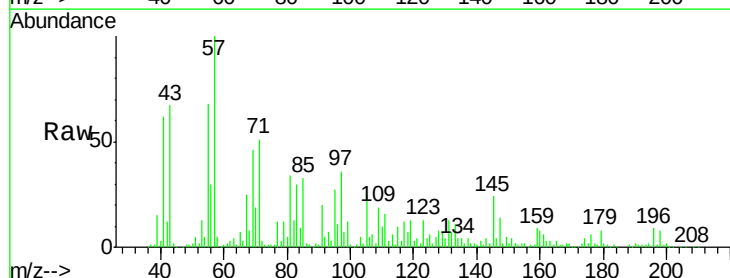
Tgt Ion:196 Resp: 107139

Ion Ratio Lower Upper

196 100

198 89.2 74.6 111.8

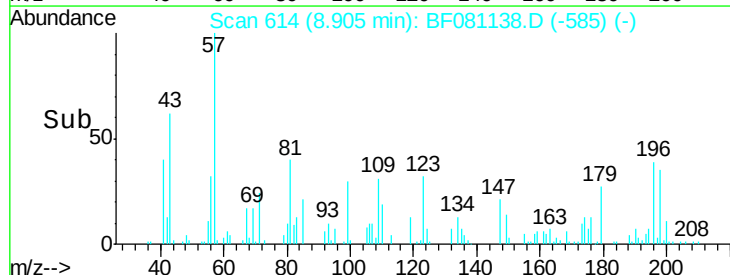
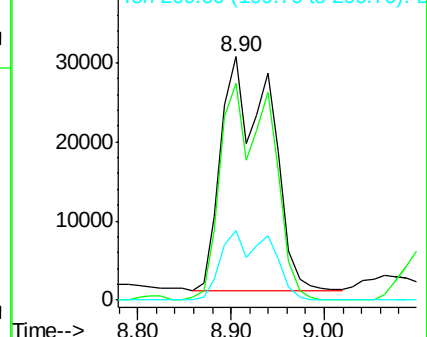
200 28.5 22.7 34.1

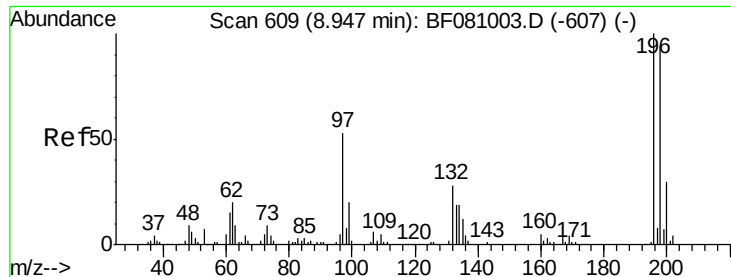


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

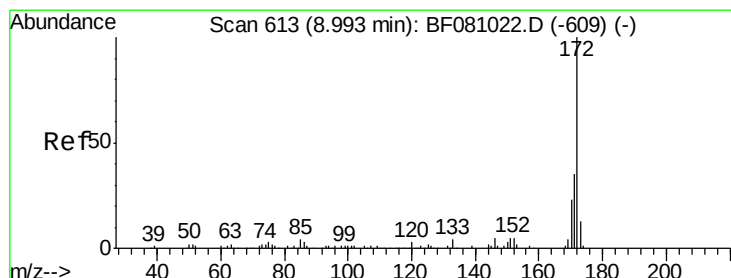
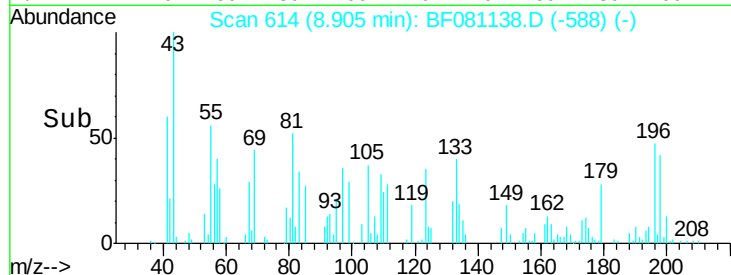
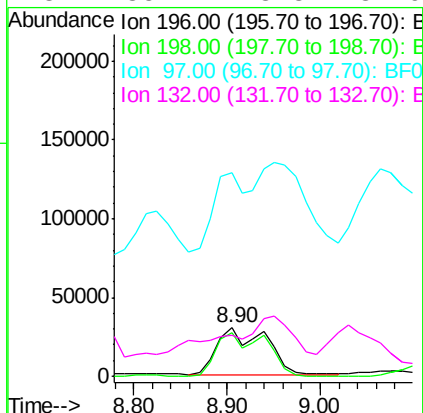
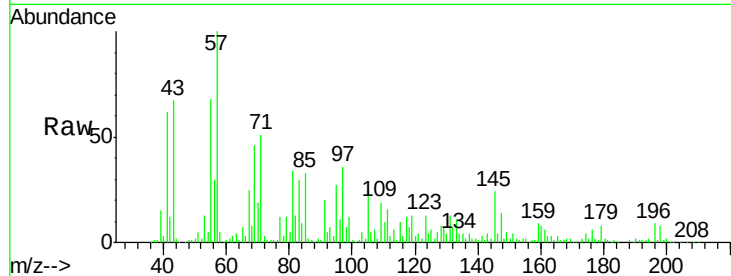




#43
2,4,5-Trichlorophenol
Concen: 48.98 ng
RT: 8.90 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

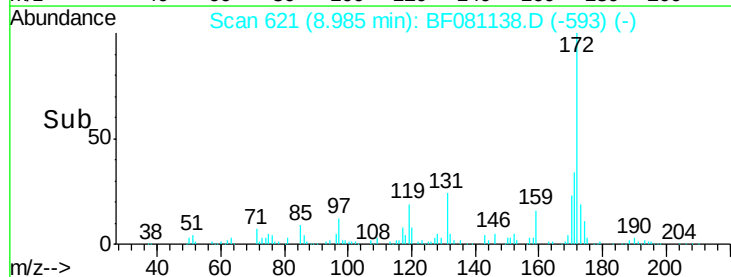
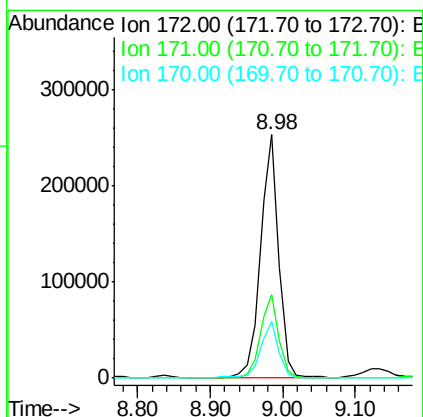
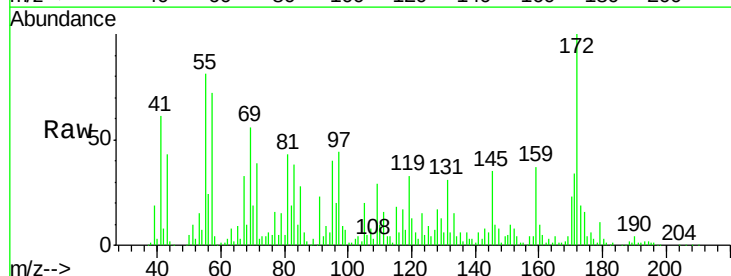
Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)MS

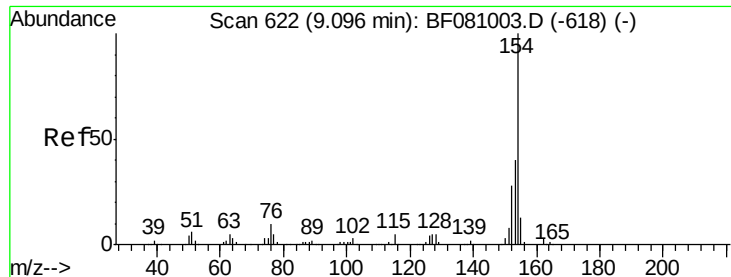
Tot Ion:196 Resp: 107139
Ion Ratio Lower Upper
196 100
198 89.2 78.3 117.5
97 420.3 42.7 64.1#
132 85.4 23.3 34.9#



#44
2-Fluorobiphenyl
Concen: 61.74 ng
RT: 8.98 min Scan# 621
Delta R.T. 0.02 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

Tgt Ion:172 Resp: 452423
Ion Ratio Lower Upper
172 100
171 34.5 28.9 43.3
170 23.3 19.4 29.2





#45

1,1'-Biphenyl

Concen: 63.32 ng

RT: 9.09 min Scan# 630

Delta R.T. 0.03 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

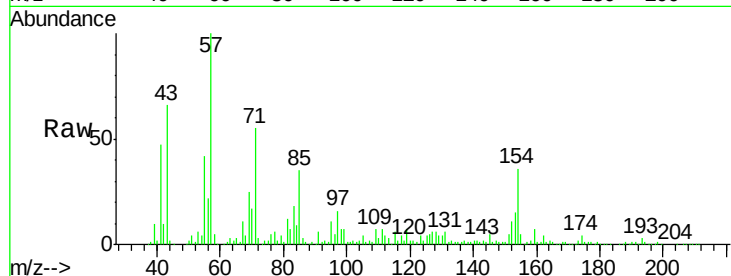
Tot Ion:154 Resp: 535593

Ion Ratio Lower Upper

154 100

153 40.5 19.5 59.5

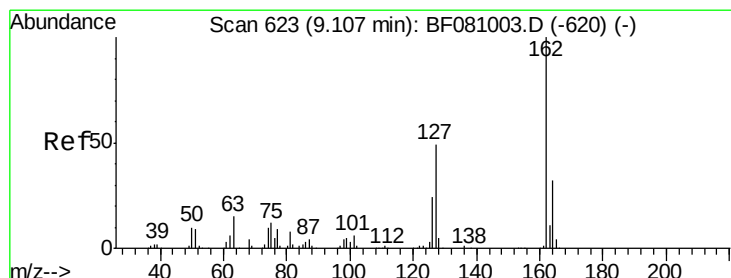
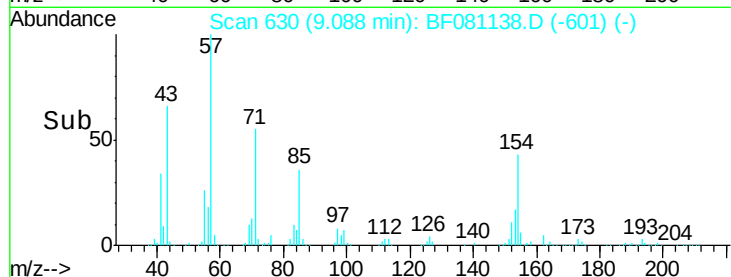
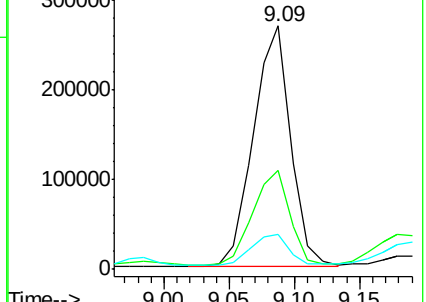
76 14.4 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 25.79 ng

RT: 9.11 min Scan# 632

Delta R.T. 0.03 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

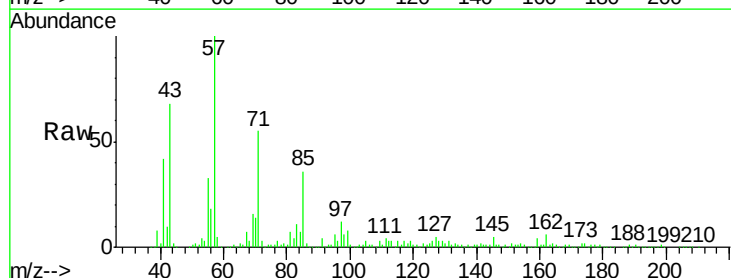
Tgt Ion:162 Resp: 175236

Ion Ratio Lower Upper

162 100

127 85.4 31.3 46.9#

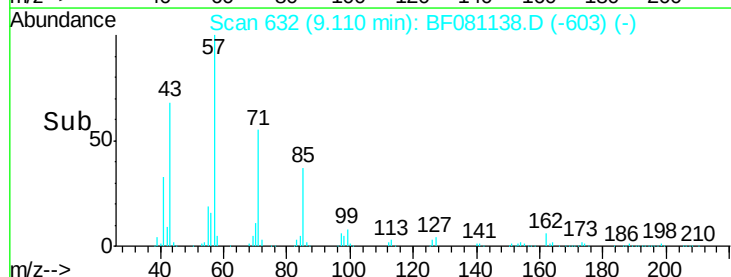
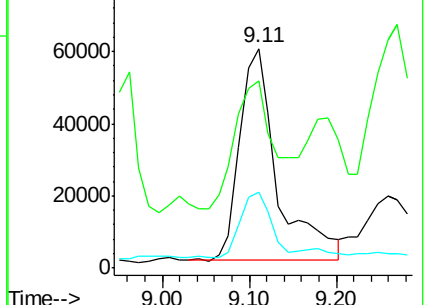
164 34.9 26.3 39.5

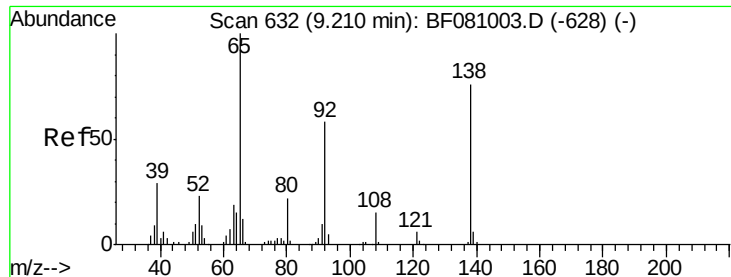


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.26 ng

RT: 9.20 min Scan# 640

Delta R.T. 0.02 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

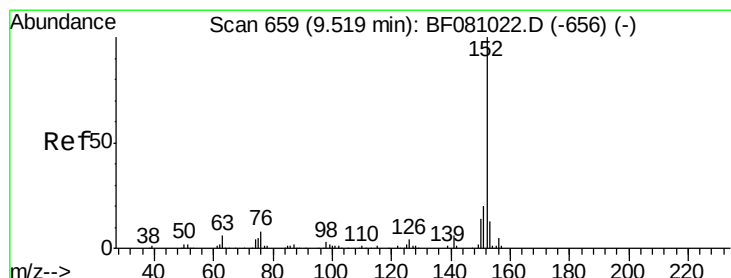
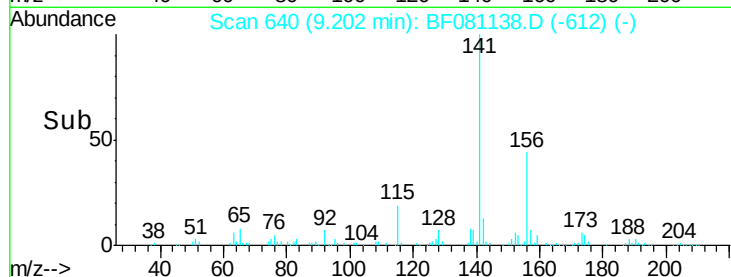
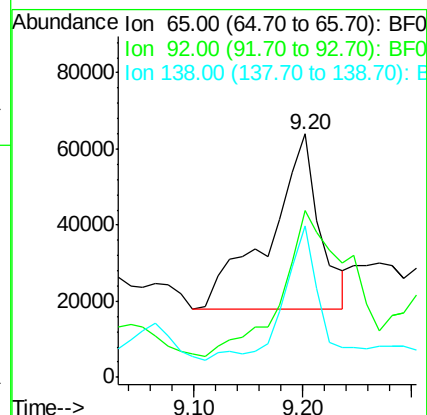
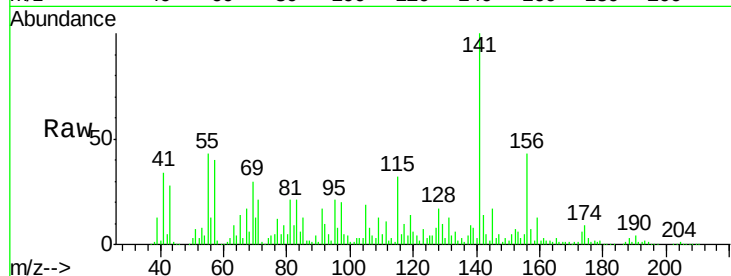
Tot Ion: 65 Resp: 148096

Ion Ratio Lower Upper

65 100

92 68.5 45.6 68.4#

138 62.3 57.9 86.9



#48

Acenaphthylene

Concen: 28.62 ng

RT: 9.53 min Scan# 669

Delta R.T. 0.05 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

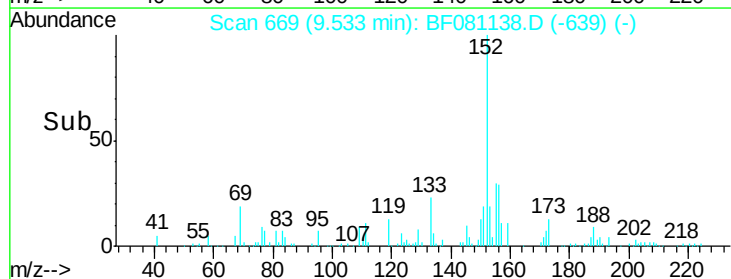
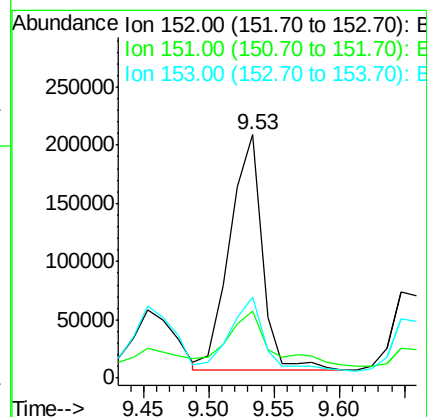
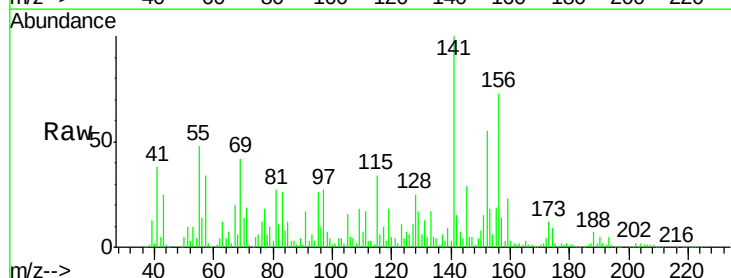
Tgt Ion: 152 Resp: 347882

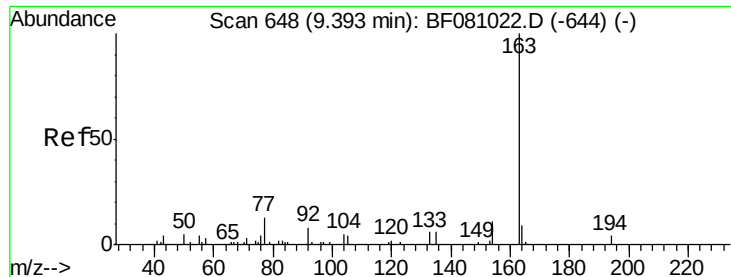
Ion Ratio Lower Upper

152 100

151 27.3 16.1 24.1#

153 33.2 9.8 14.6#





#49

Dimethylphthalate

Concen: 28.26 ng

RT: 9.38 min Scan# 656

Delta R.T. 0.02 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

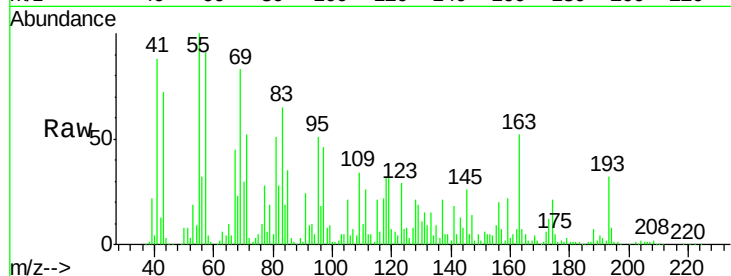
Tot Ion:163 Resp: 223450

Ion Ratio Lower Upper

163 100

194 15.3 2.5 3.7#

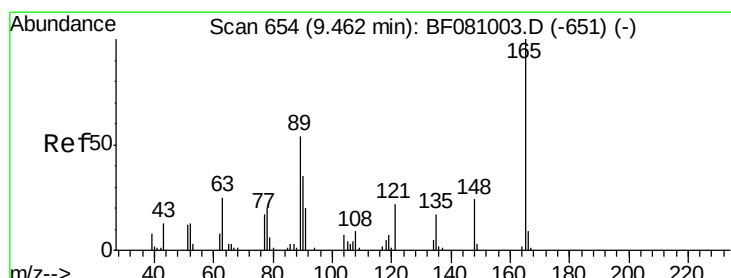
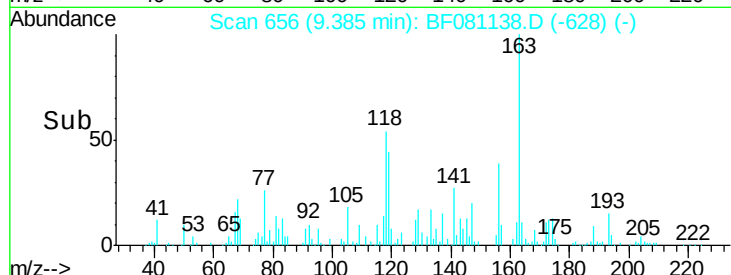
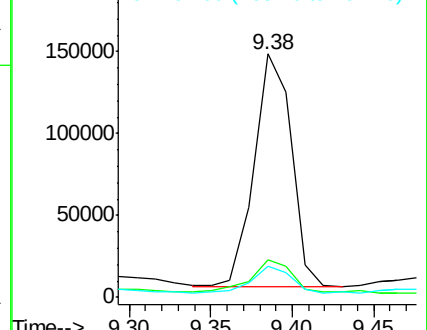
164 13.0 8.1 12.1#



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: 24.94 ng

RT: 9.45 min Scan# 662

Delta R.T. 0.03 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

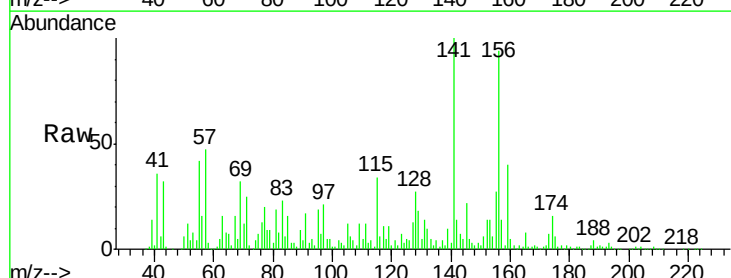
Tgt Ion:165 Resp: 42343

Ion Ratio Lower Upper

165 100

63 208.5 49.5 74.3#

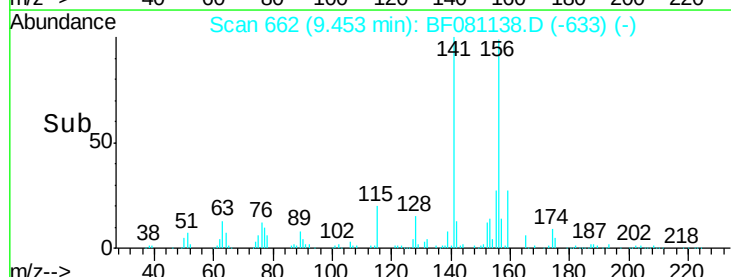
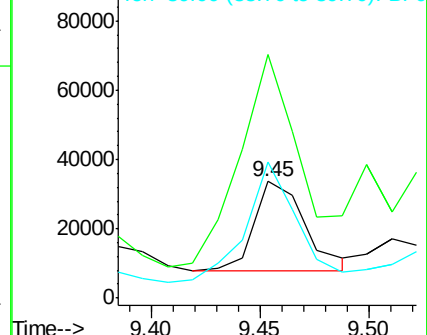
89 116.8 47.6 71.4#

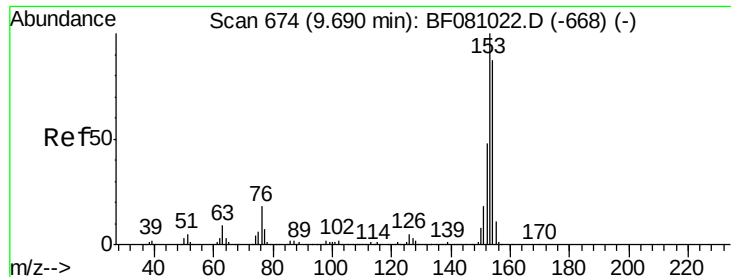


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.40 ng

RT: 9.69 min Scan# 683

Delta R.T. 0.03 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

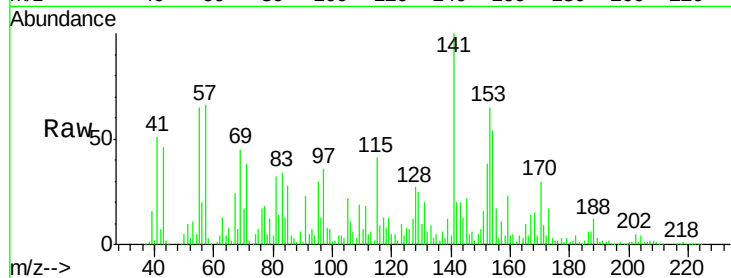
Tot Ion:154 Resp: 315810

Ion Ratio Lower Upper

154 100

153 120.3 91.4 137.2

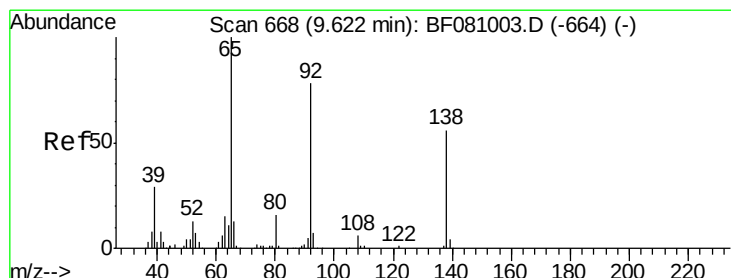
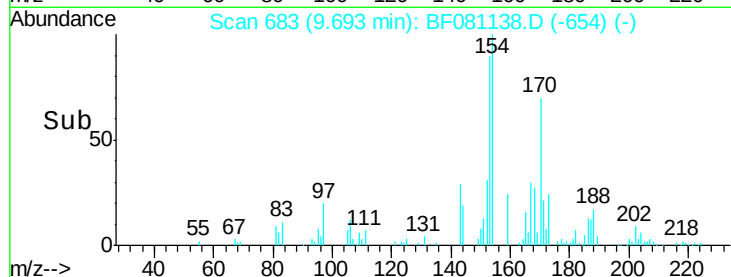
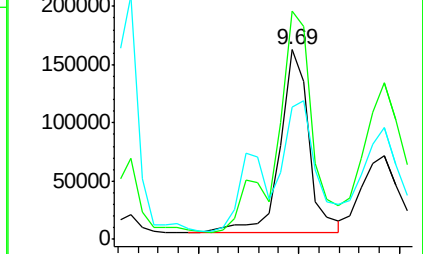
152 69.9 43.7 65.5#



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: 30.29 ng

RT: 9.60 min Scan# 675

Delta R.T. 0.01 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

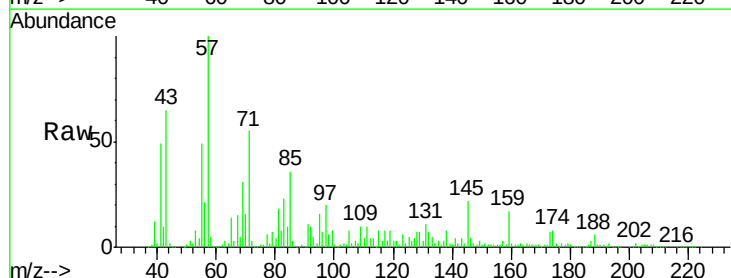
Tgt Ion:138 Resp: 64365

Ion Ratio Lower Upper

138 100

108 28.7 9.4 14.2#

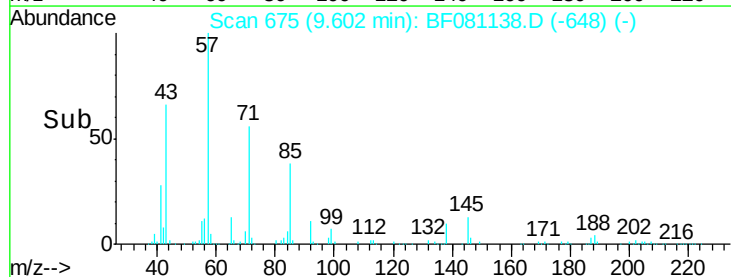
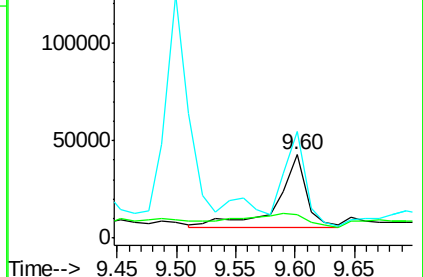
92 128.2 113.2 169.8

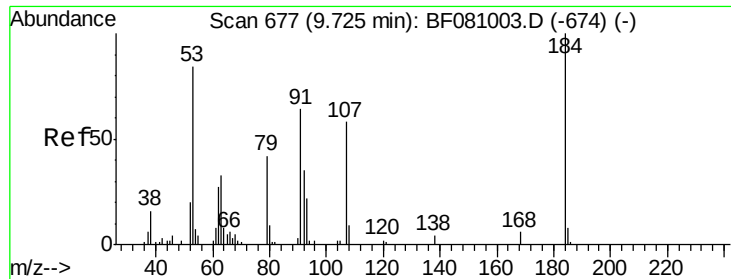


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

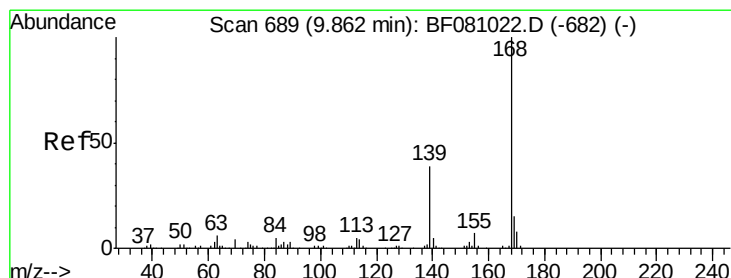
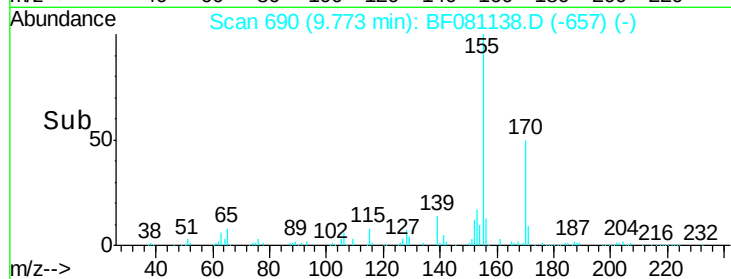
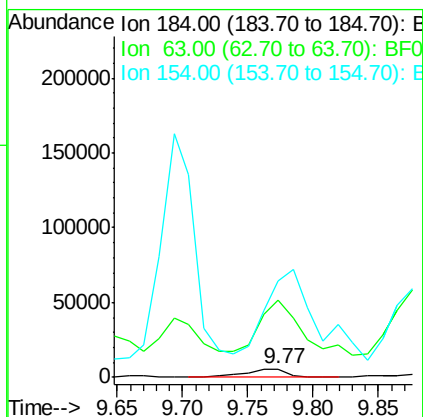
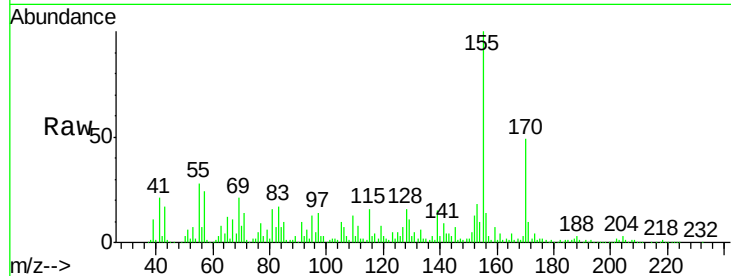




#53
 2,4-Dinitrophenol
 Concen: 15.40 ng
 RT: 9.77 min Scan# 690
 Delta R.T. 0.08 min
 Lab File: BF081138.D
 Acq: 20 Aug 2015 22:15

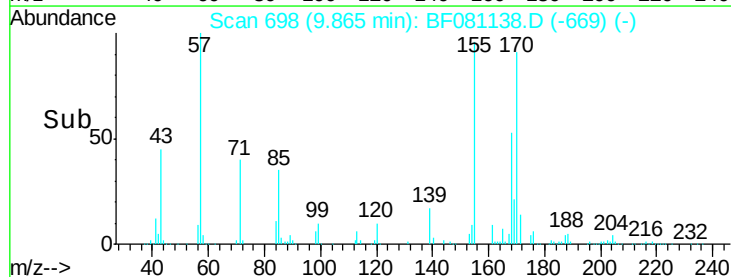
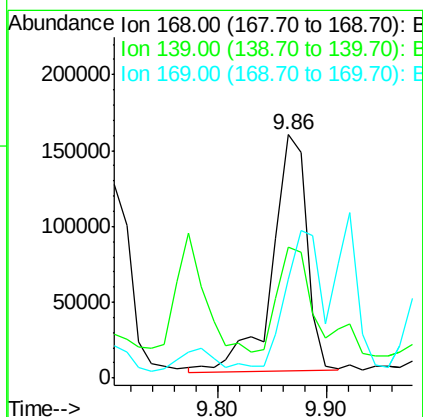
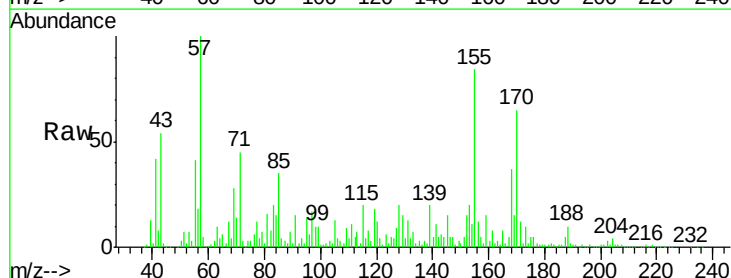
Instrument :
 BNA_F
 ClientSampleId :
 A-PIPE(4)MS

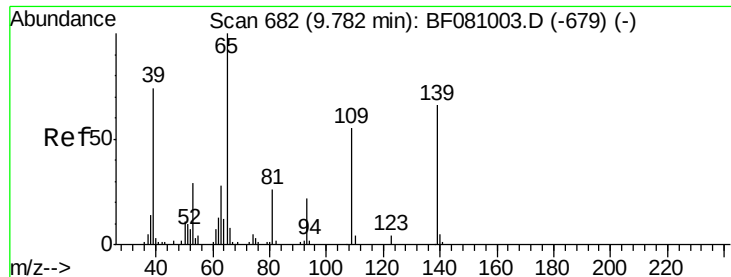
Tot Ion:184 Resp: 10465
 Ion Ratio Lower Upper
 184 100
 63 933.8 101.7 152.5#
 154 1161.9 67.4 101.0#



#54
 Dibenzofuran
 Concen: 35.59 ng
 RT: 9.86 min Scan# 698
 Delta R.T. 0.03 min
 Lab File: BF081138.D
 Acq: 20 Aug 2015 22:15

Tgt Ion:168 Resp: 347012
 Ion Ratio Lower Upper
 168 100
 139 54.1 29.3 43.9#
 169 40.5 10.3 15.5#





#55

4-Nitrophenol

Concen: 113.80 ng

RT: 9.77 min Scan# 690

Delta R.T. 0.02 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

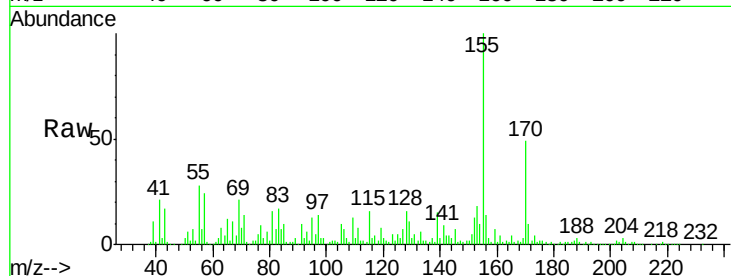
Tot Ion:139 Resp: 169825

Ion Ratio Lower Upper

139 100

109 86.7 80.0 120.0

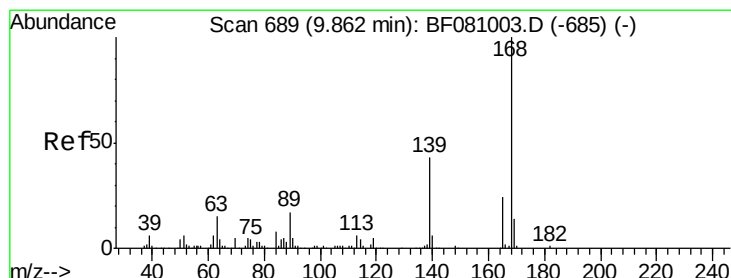
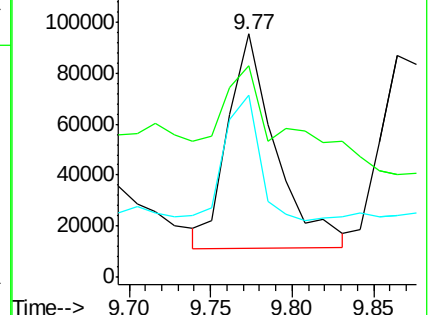
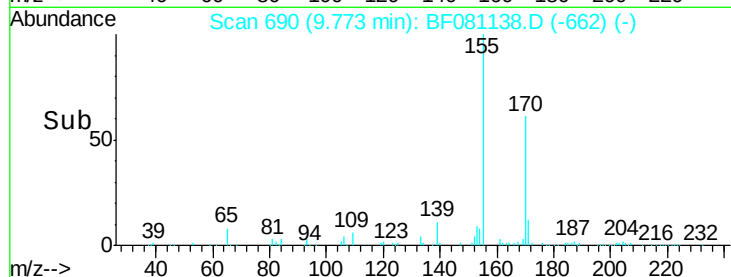
65 74.6 138.3 178.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 29.62 ng

RT: 9.88 min Scan# 699

Delta R.T. 0.06 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Tgt Ion:165 Resp: 66654

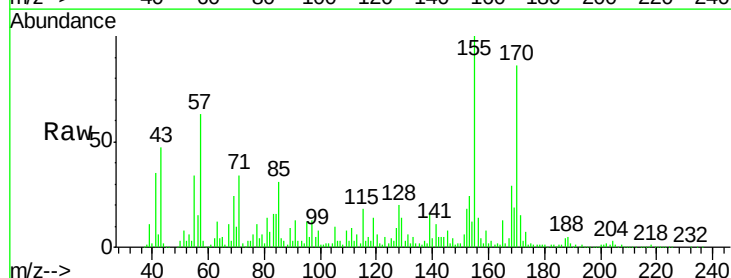
Ion Ratio Lower Upper

165 100

63 86.9 52.2 78.4#

89 71.0 60.1 90.1

182 6.3 1.8 2.6#

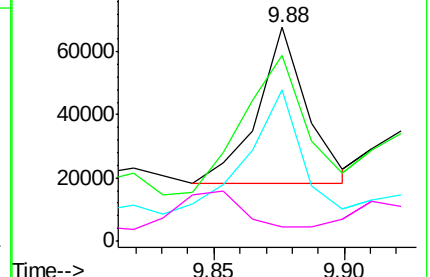
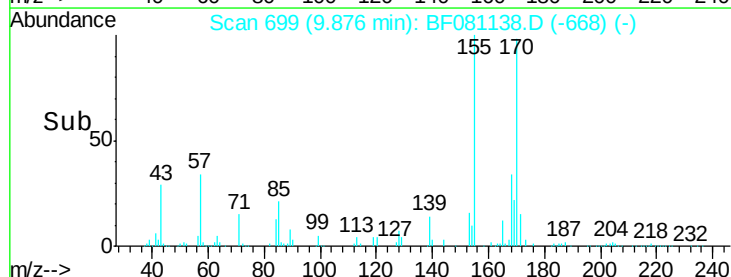


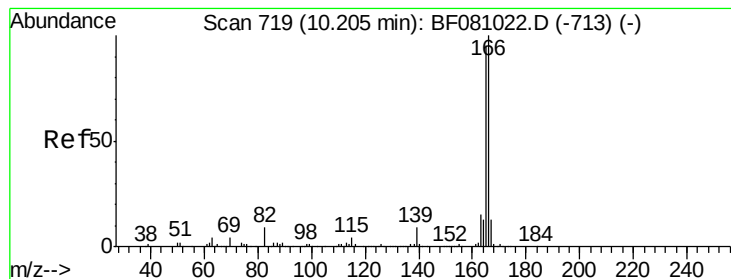
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 72.77 ng

RT: 10.21 min Scan# 728

Delta R.T. 0.05 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

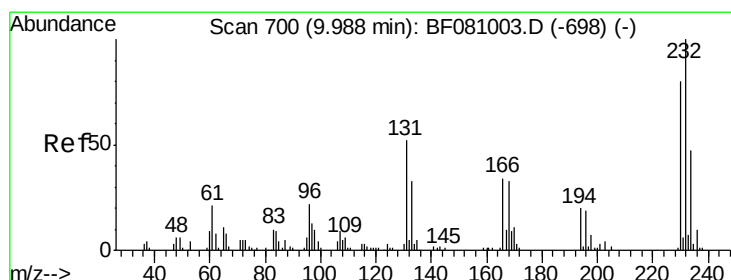
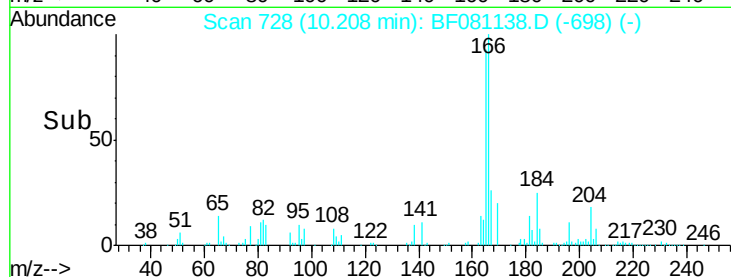
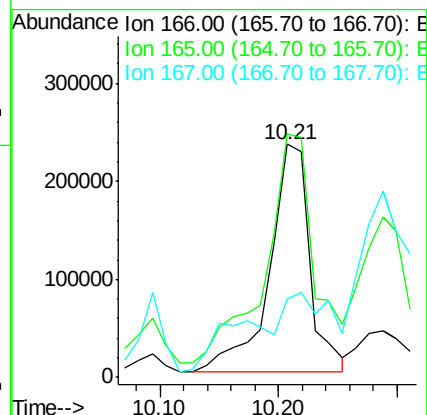
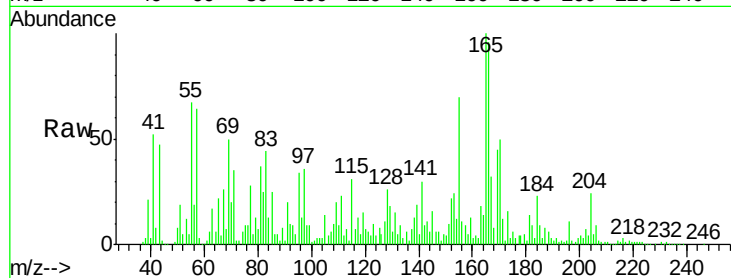
Tot Ion:166 Resp: 545832

Ion Ratio Lower Upper

166 100

165 104.5 75.8 113.8

167 33.5 11.3 16.9#



#58

2,3,4,6-Tetrachlorophenol

Concen: 17.26 ng

RT: 10.00 min Scan# 710

Delta R.T. 0.06 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Tgt Ion:232 Resp: 29228

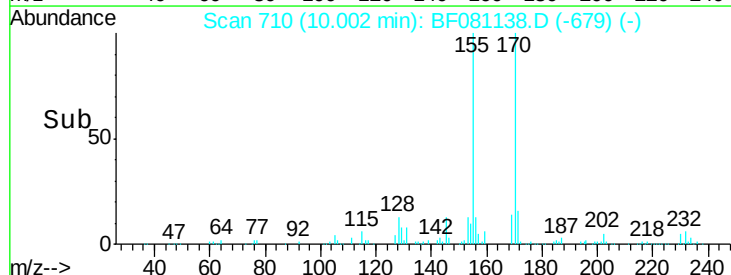
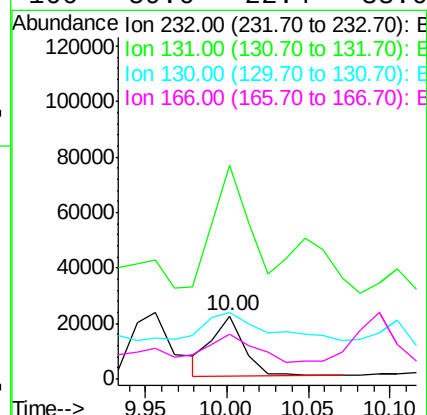
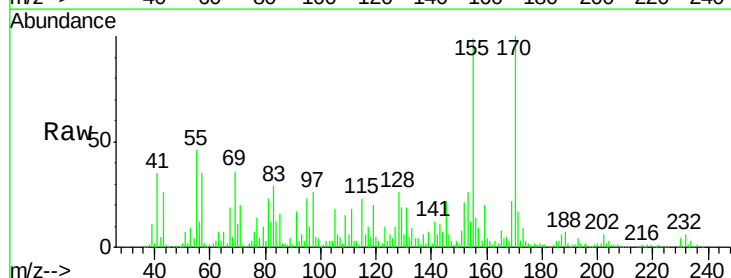
Ion Ratio Lower Upper

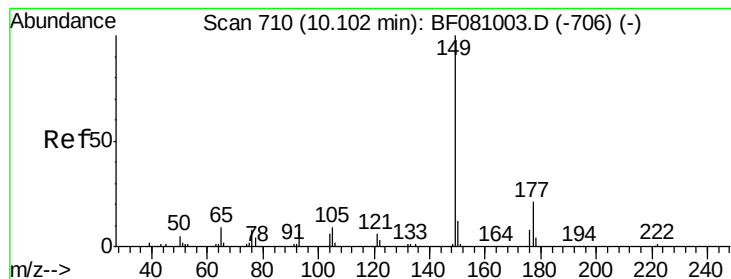
232 100

131 226.1 42.2 63.4#

130 108.6 2.1 3.1#

166 59.6 22.4 33.6#





#59

Diethylphthalate

Concen: 23.59 ng

RT: 10.08 min Scan# 717

Delta R.T. 0.02 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

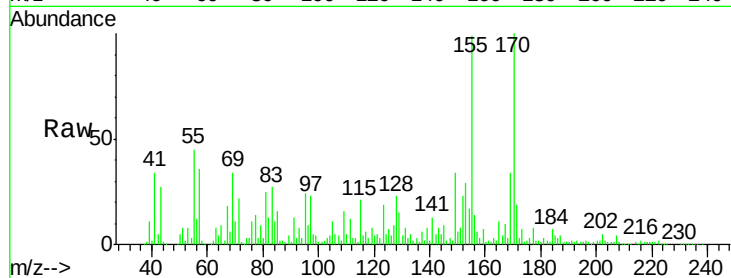
Tot Ion:149 Resp: 197414

Ion Ratio Lower Upper

149 100

177 22.9 14.1 21.1#

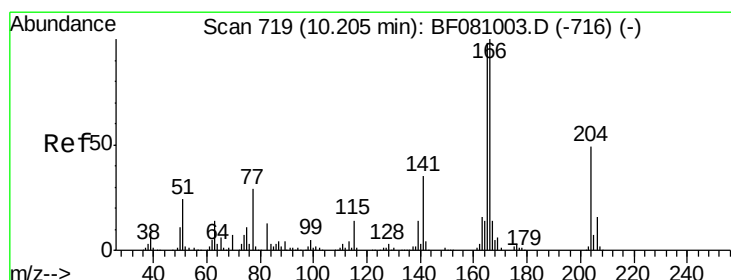
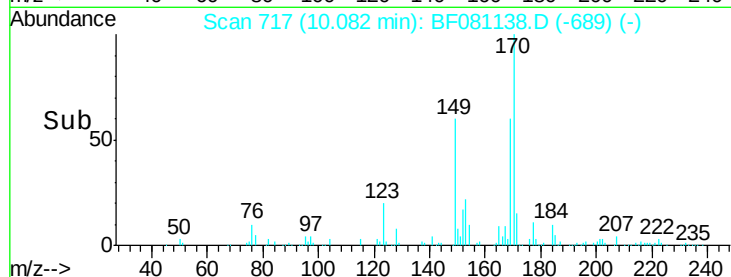
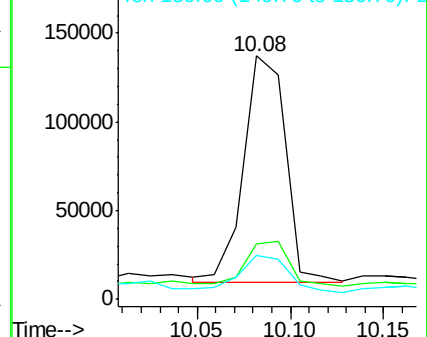
150 18.3 10.3 15.5#



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: 28.77 ng

RT: 10.21 min Scan# 728

Delta R.T. 0.05 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

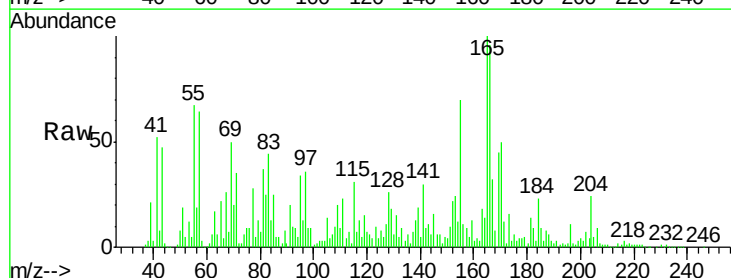
Tgt Ion:204 Resp: 91314

Ion Ratio Lower Upper

204 100

206 35.0 26.2 39.2

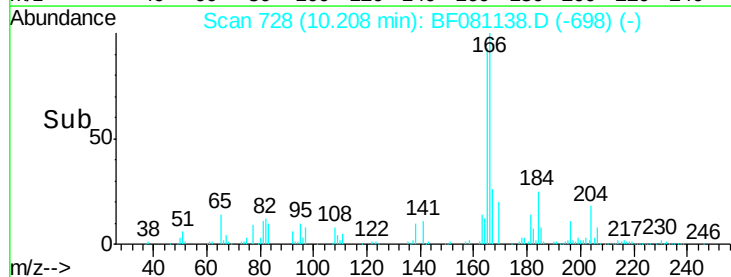
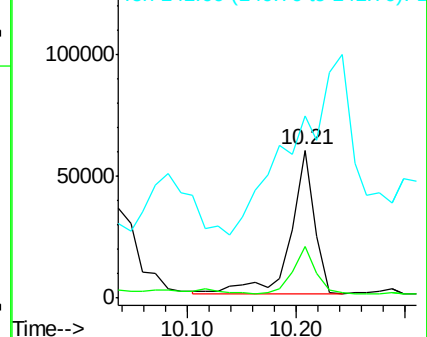
141 123.5 59.6 89.4#

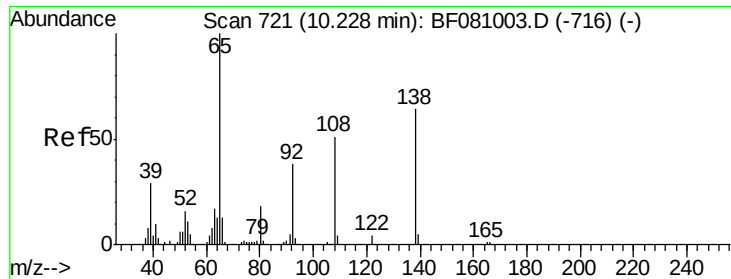


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

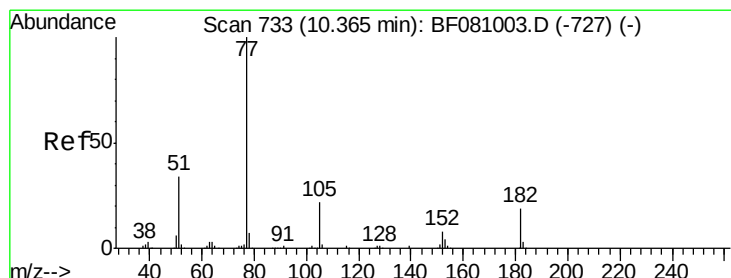
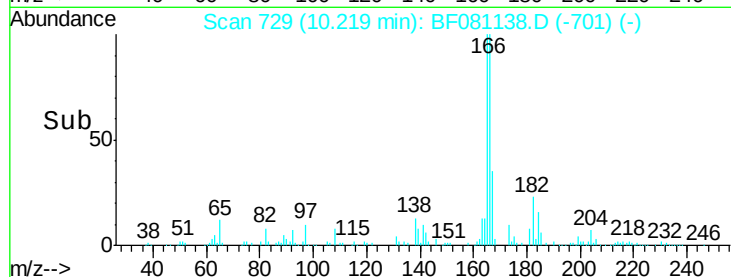
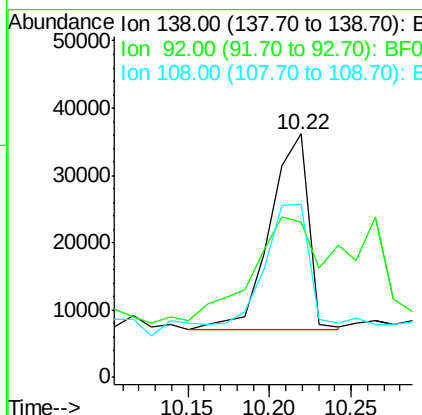
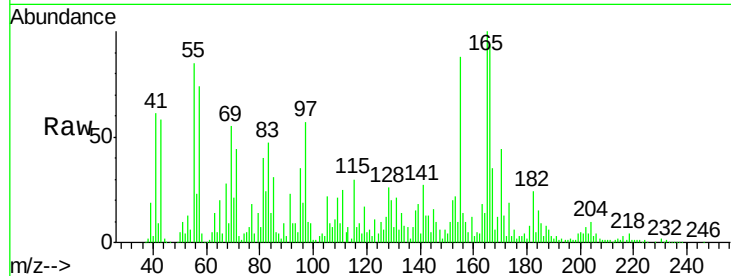




#61
4-Nitroaniline
Concen: 21.89 ng
RT: 10.22 min Scan# 729
Delta R.T. 0.02 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

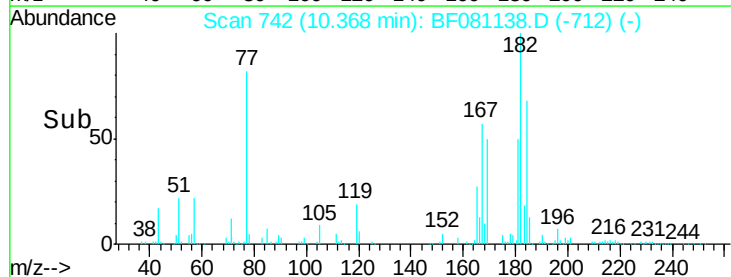
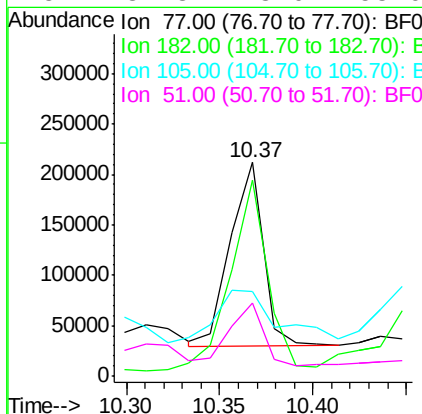
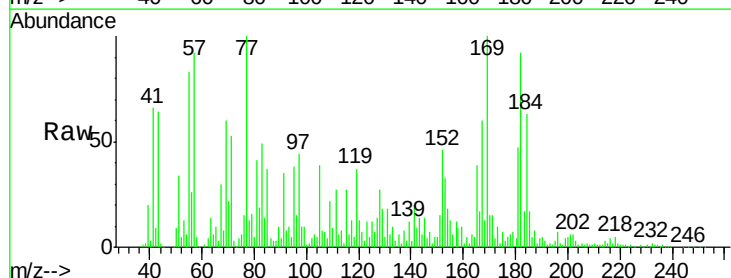
Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)MS

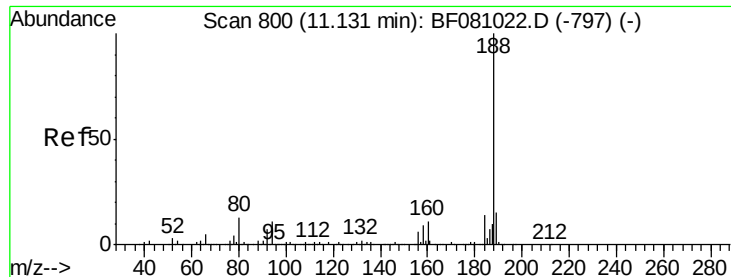
Tot Ion:138 Resp: 47537
Ion Ratio Lower Upper
138 100
92 63.7 34.7 74.7
108 71.3 68.9 108.9



#62
Azobenzene
Concen: 23.52 ng
RT: 10.37 min Scan# 742
Delta R.T. 0.05 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

Tgt Ion: 77 Resp: 226830
Ion Ratio Lower Upper
77 100
182 91.7 0.0 39.0#
105 39.4 0.2 40.2
51 34.3 18.0 58.0

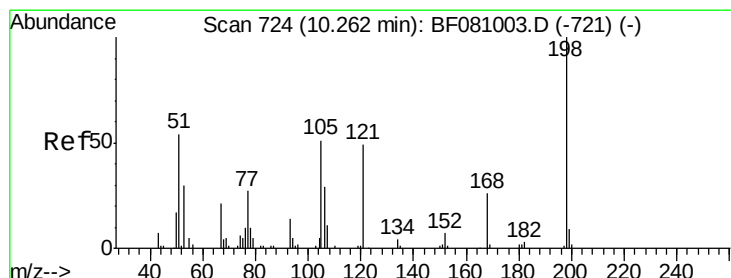
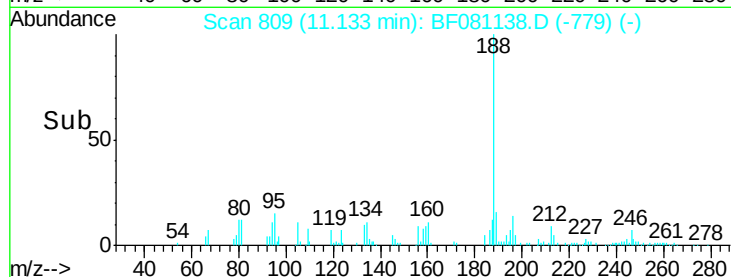
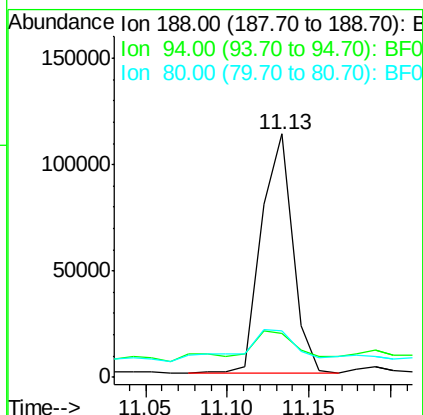
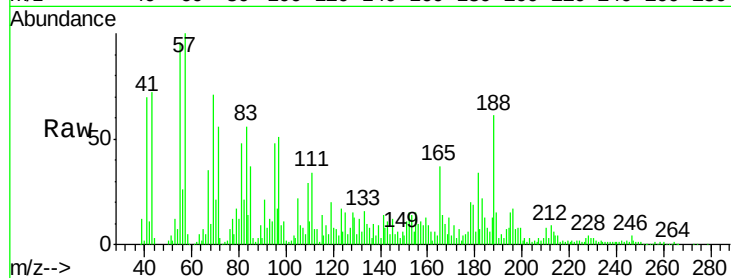




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 809
Delta R.T. 0.05 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

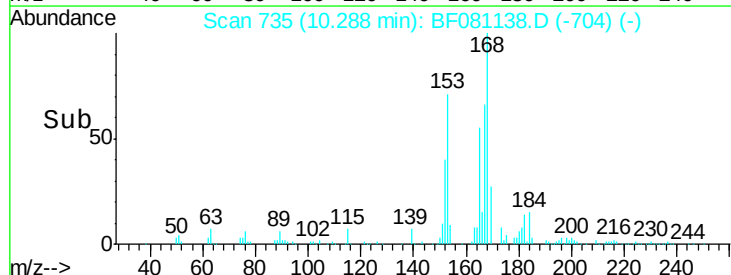
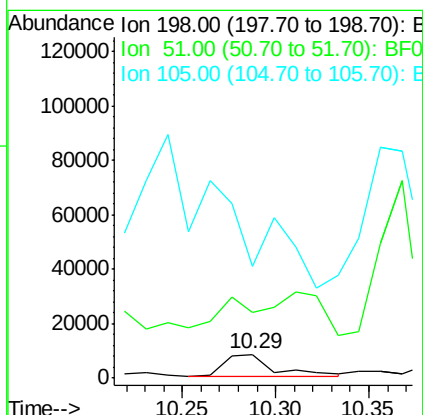
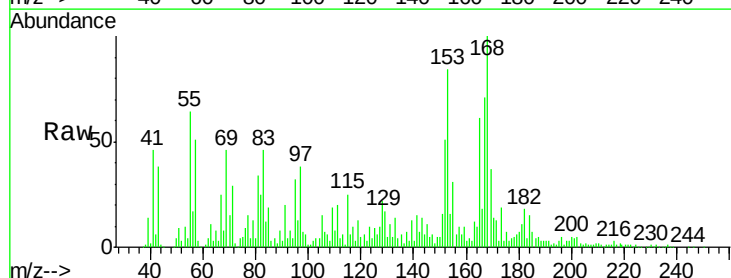
Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)MS

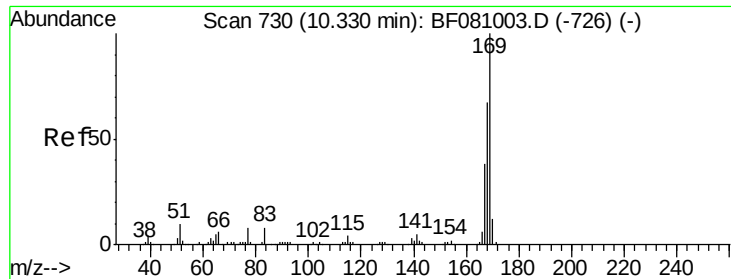
Tot Ion:188 Resp: 151221
Ion Ratio Lower Upper
188 100
94 18.2 8.2 12.2#
80 19.0 9.5 14.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 15.59 ng
RT: 10.29 min Scan# 735
Delta R.T. 0.06 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

Tgt Ion:198 Resp: 14081
Ion Ratio Lower Upper
198 100
51 272.0 79.7 119.7#
105 465.4 47.0 87.0#





#65

n-Nitrosodiphenylamine

Concen: 89.35 ng

RT: 10.32 min Scan# 738

Delta R.T. 0.03 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

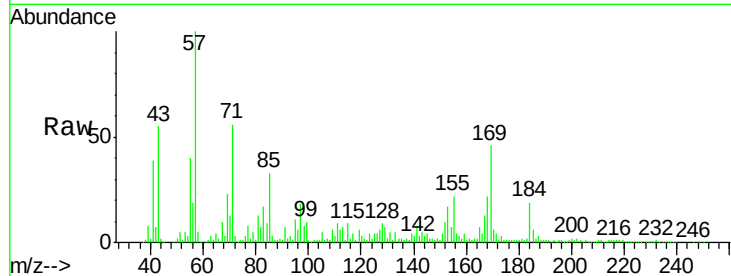
Tot Ion:169 Resp: 482311

Ion Ratio Lower Upper

169 100

168 49.3 55.3 82.9#

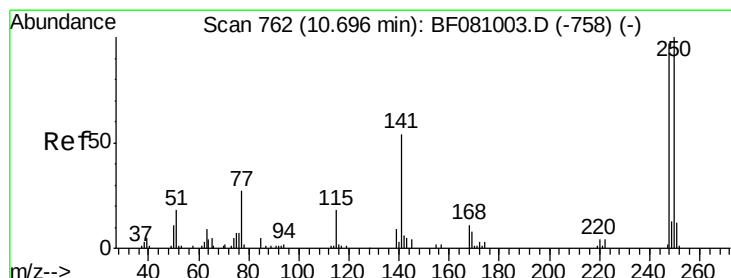
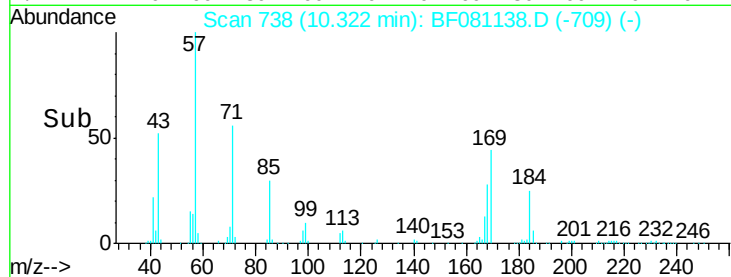
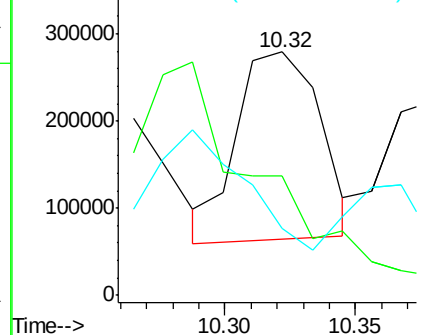
167 27.7 30.8 46.2#



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: 34.12 ng

RT: 10.69 min Scan# 770

Delta R.T. 0.03 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

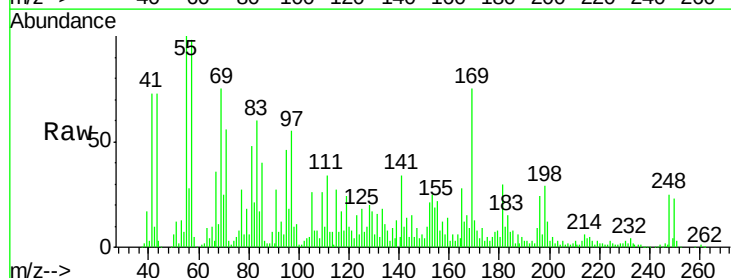
Tgt Ion:248 Resp: 50691

Ion Ratio Lower Upper

248 100

250 91.1 77.8 116.6

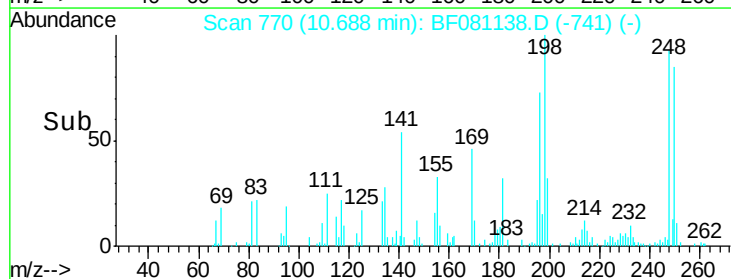
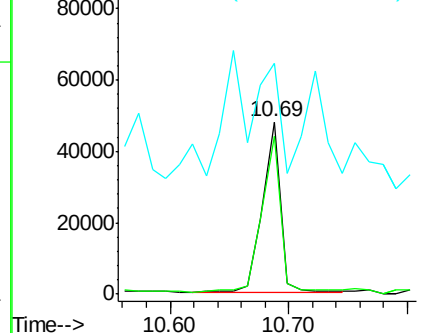
141 134.1 39.8 59.6#

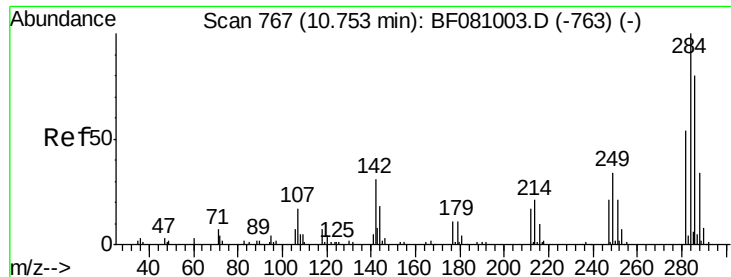


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 28.40 ng

RT: 10.79 min Scan# 779

Delta R.T. 0.08 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

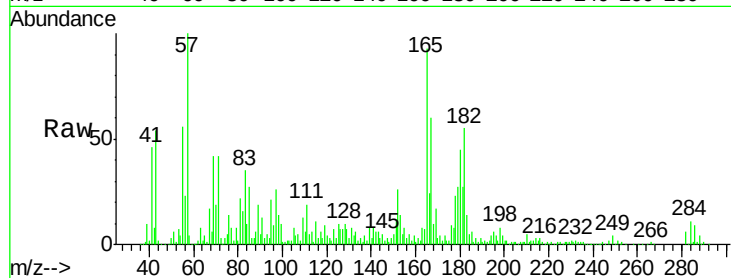
Tot Ion:284 Resp: 42730

Ion Ratio Lower Upper

284 100

142 56.8 25.4 38.0#

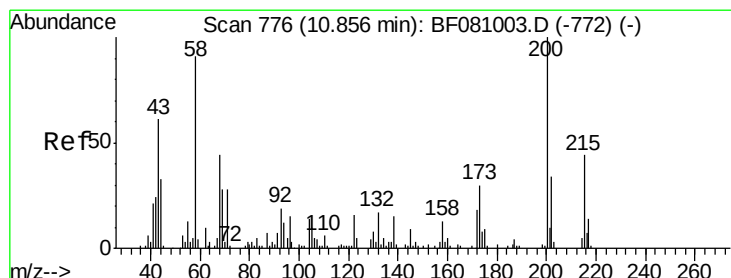
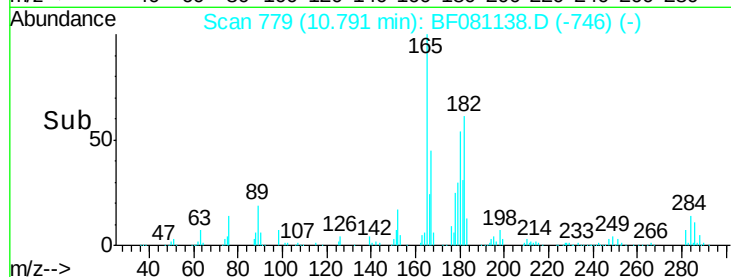
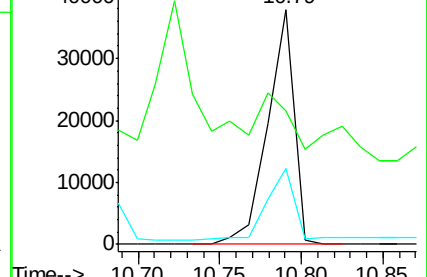
249 32.2 28.5 42.7



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: 51.35 ng

RT: 10.85 min Scan# 784

Delta R.T. 0.03 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

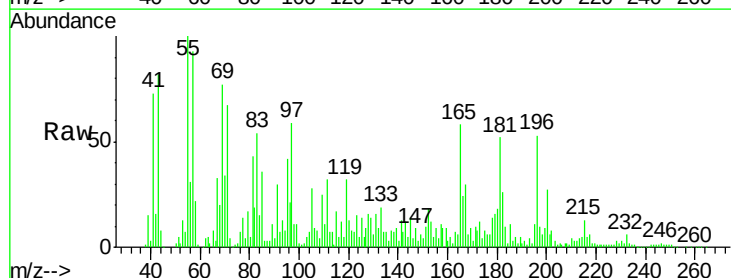
Tgt Ion:200 Resp: 77227

Ion Ratio Lower Upper

200 100

173 45.3 8.1 48.1

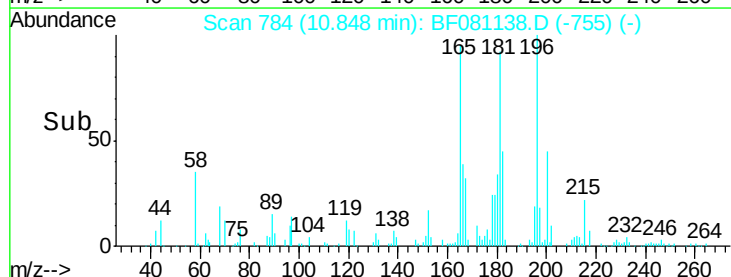
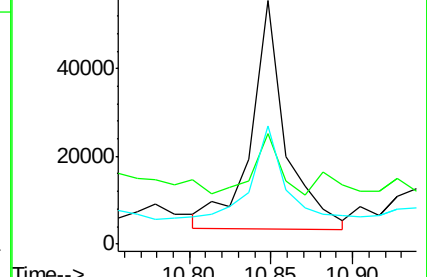
215 48.4 23.3 63.3

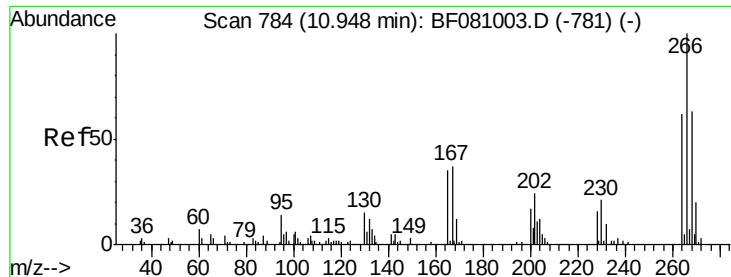


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

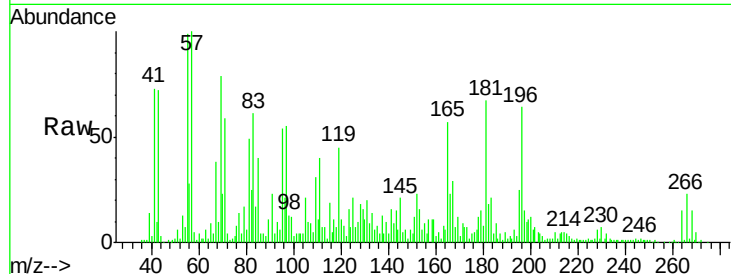




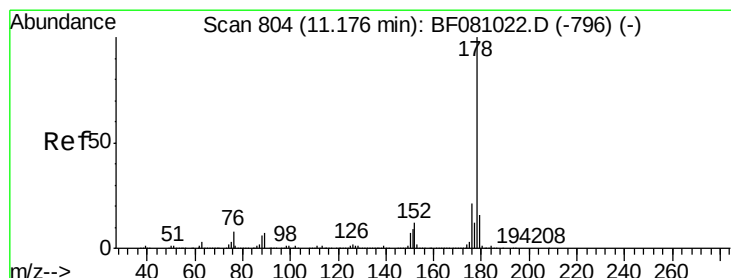
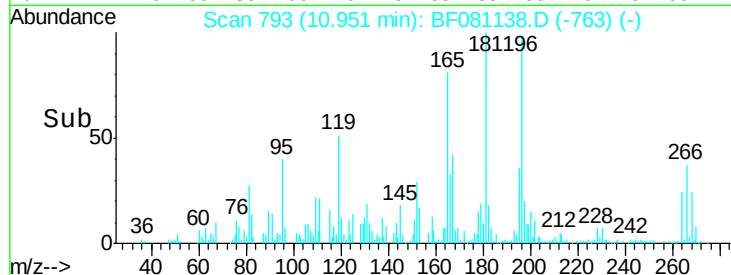
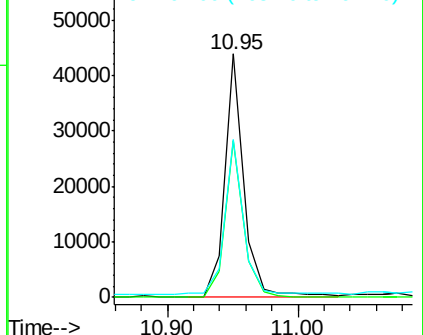
#69
 Pentachlorophenol
 Concen: 49.77 ng
 RT: 10.95 min Scan# 793
 Delta R.T. 0.05 min
 Lab File: BF081138.D
 Acq: 20 Aug 2015 22:15

Instrument :
 BNA_F
 ClientSampleId :
 A-PIPE(4)MS

Tot Ion:266 Resp: 44928
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.2 76.8
 264 65.0 50.6 75.8

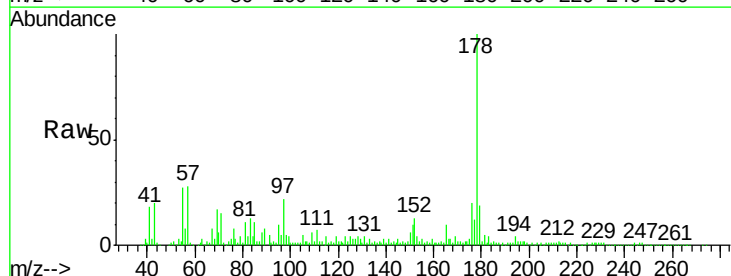


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

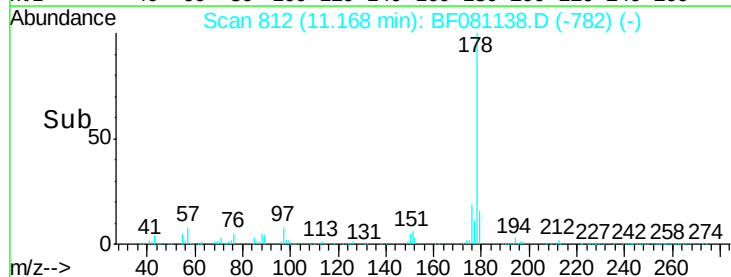
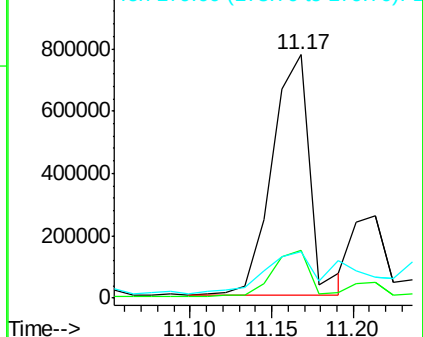


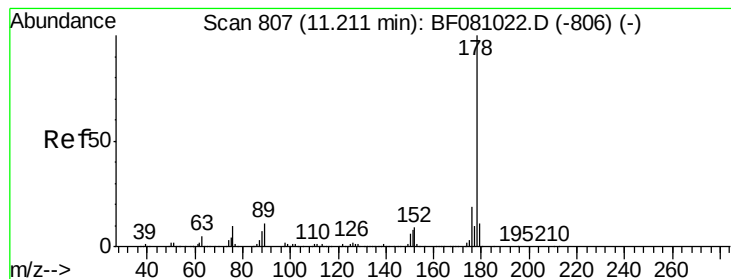
#70
 Phenanthrene
 Concen: 139.55 ng
 RT: 11.17 min Scan# 812
 Delta R.T. 0.05 min
 Lab File: BF081138.D
 Acq: 20 Aug 2015 22:15

Tgt Ion:178 Resp: 1250614
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.7 23.5
 179 19.0 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

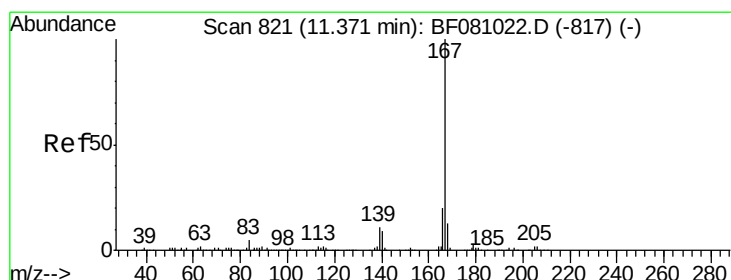
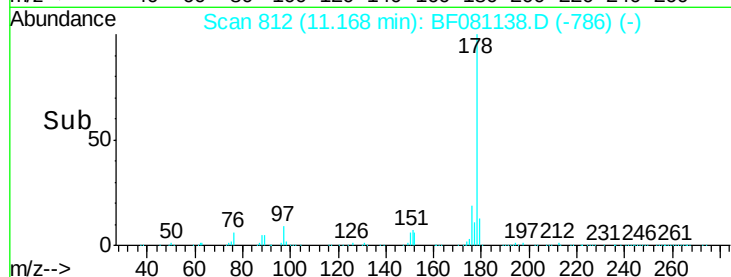
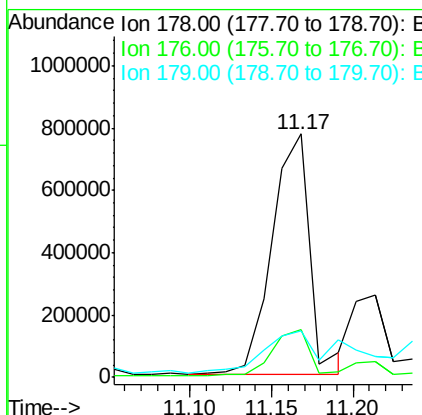
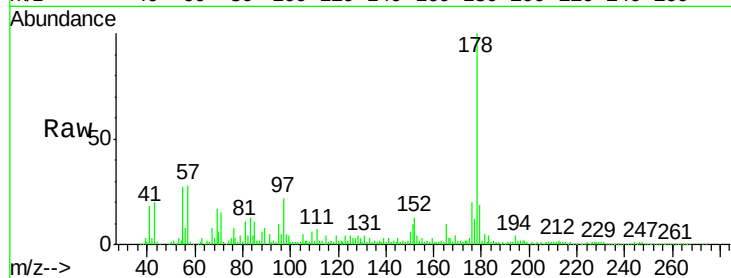




#71
 Anthracene
 Concen: 143.40 ng
 RT: 11.17 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF081138.D
 Acq: 20 Aug 2015 22:15

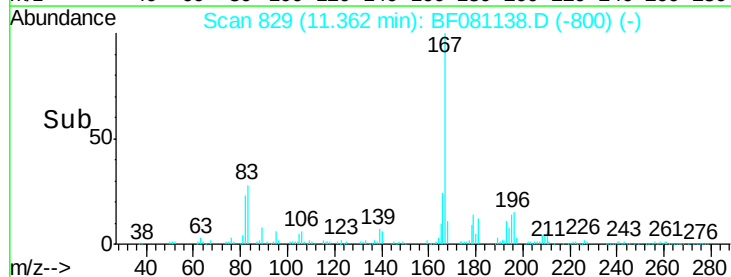
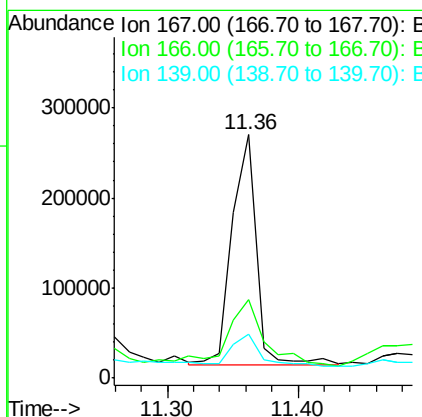
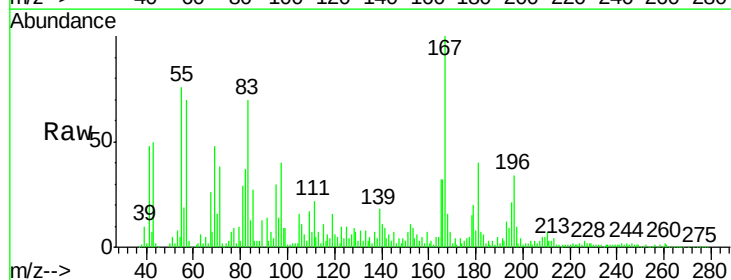
Instrument :
 BNA_F
 ClientSampleId :
 A-PIPE(4)MS

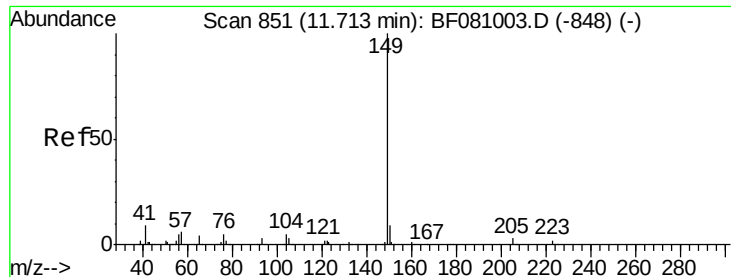
Tot Ion:178 Resp: 1250614
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.7 23.5
 179 19.0 12.7 19.1



#72
 Carbazole
 Concen: 39.30 ng
 RT: 11.36 min Scan# 829
 Delta R.T. 0.03 min
 Lab File: BF081138.D
 Acq: 20 Aug 2015 22:15

Tgt Ion:167 Resp: 329942
 Ion Ratio Lower Upper
 167 100
 166 32.5 17.4 26.0#
 139 17.8 10.6 16.0#





#73

Di-n-butylphthalate

Concen: 32.60 ng

RT: 11.69 min Scan# 858

Delta R.T. 0.02 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

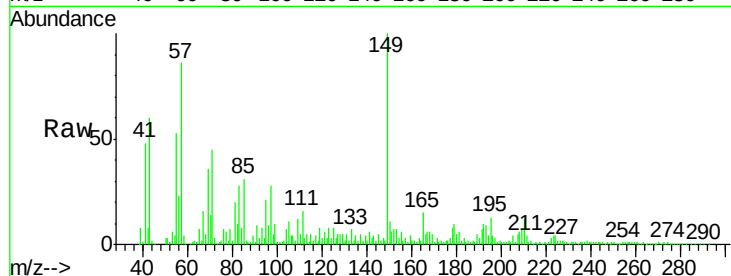
Tot Ion:149 Resp: 331172

Ion Ratio Lower Upper

149 100

150 10.7 7.1 10.7#

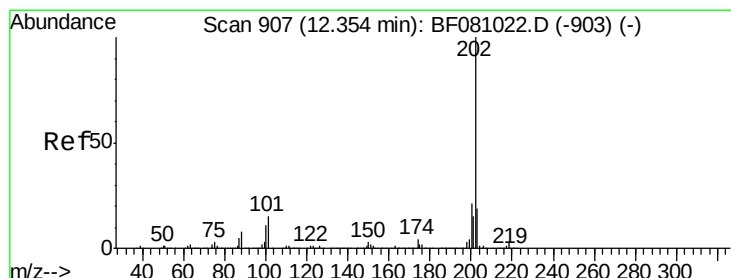
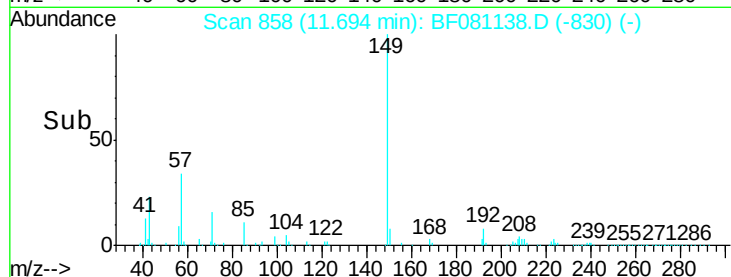
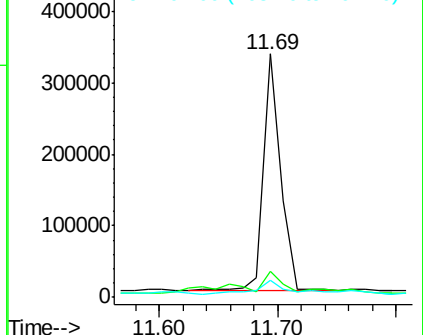
104 6.9 3.9 5.9#



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: 34.66 ng

RT: 12.32 min Scan# 913

Delta R.T. 0.03 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

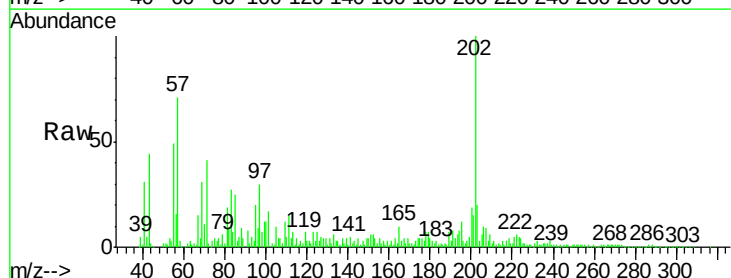
Tgt Ion:202 Resp: 335200

Ion Ratio Lower Upper

202 100

101 17.1 0.0 24.8

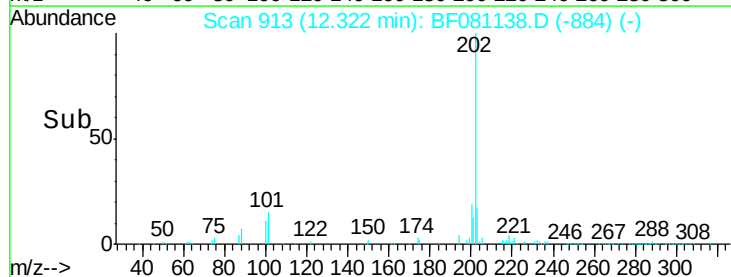
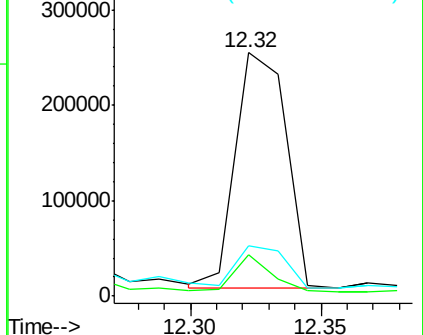
203 20.4 0.0 36.9

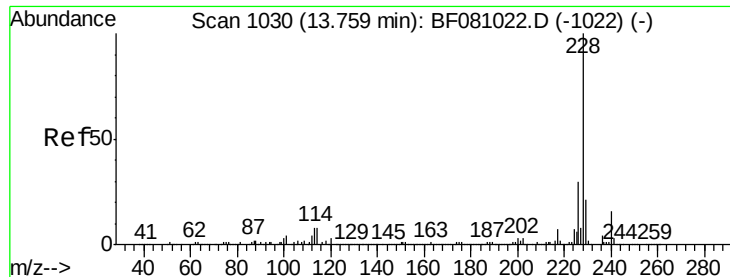


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.71 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

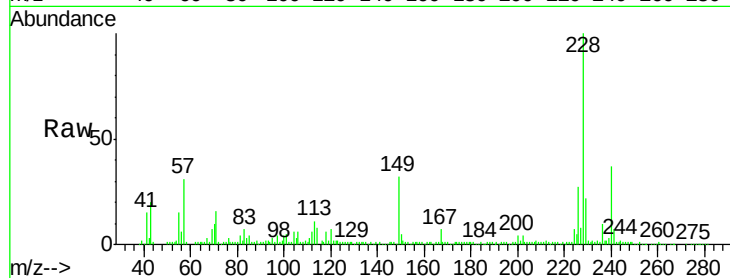
Tot Ion:240 Resp: 120078

Ion Ratio Lower Upper

240 100

120 18.4 5.6 8.4#

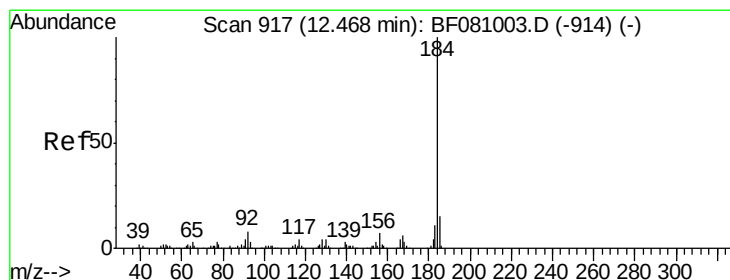
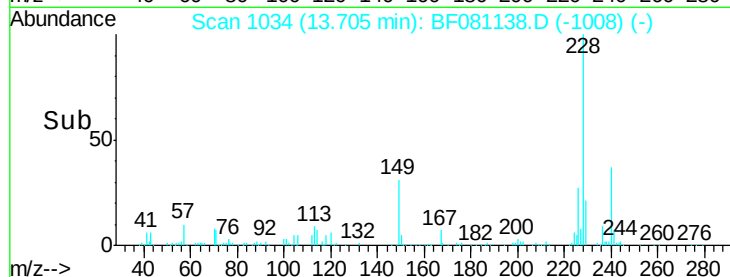
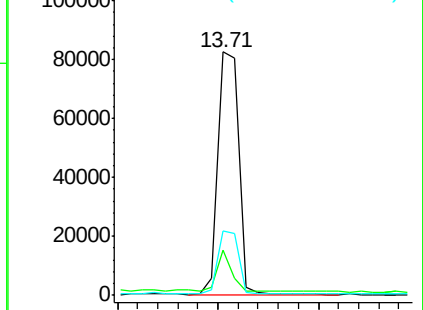
236 26.4 20.6 30.8



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: 16.59 ng

RT: 12.44 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

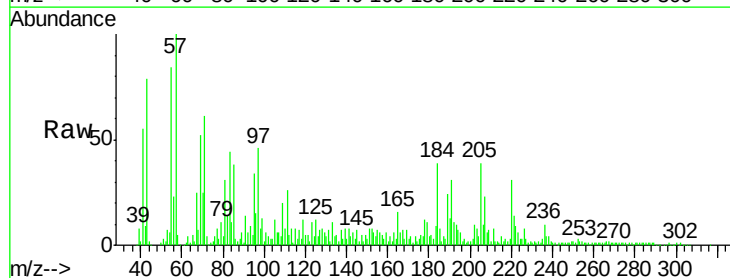
Tgt Ion:184 Resp: 75232

Ion Ratio Lower Upper

184 100

185 21.1 12.0 18.0#

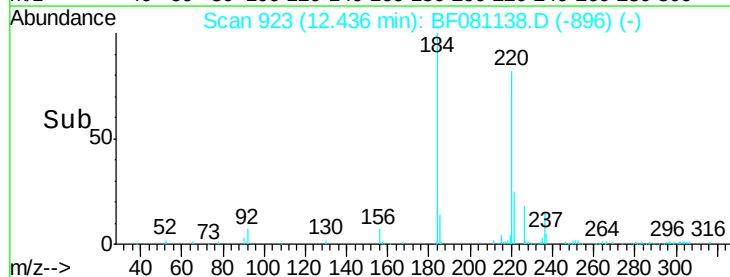
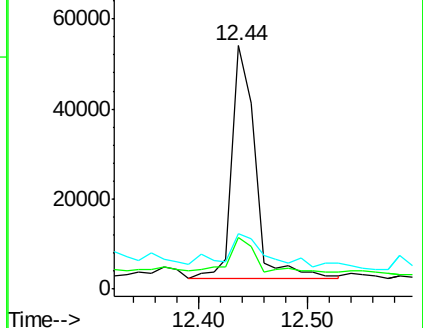
183 22.6 8.9 13.3#

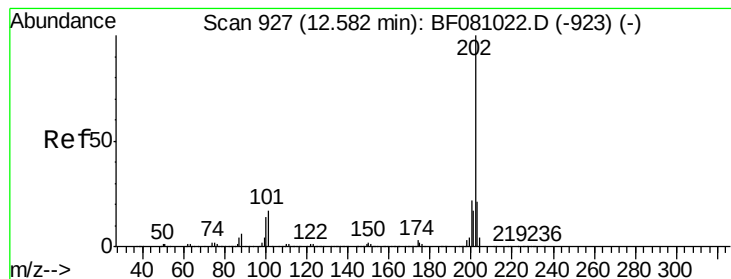


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 61.48 ng

RT: 12.55 min Scan# 933

Delta R.T. 0.03 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

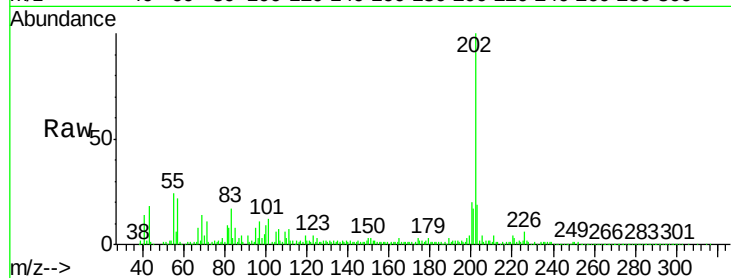
Tot Ion:202 Resp: 600125

Ion Ratio Lower Upper

202 100

200 20.0 16.6 24.8

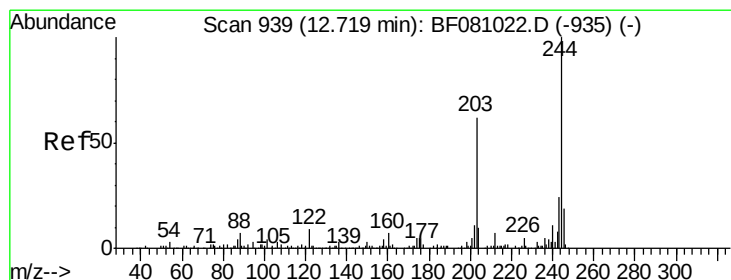
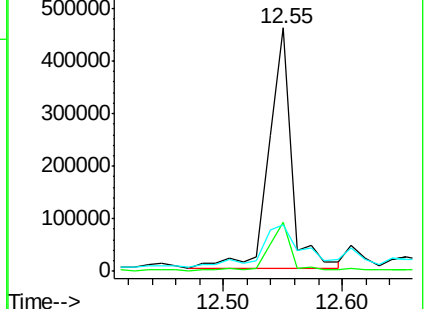
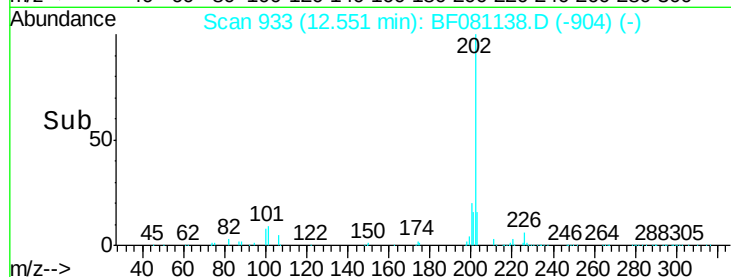
203 19.3 14.1 21.1



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: 69.95 ng

RT: 12.69 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

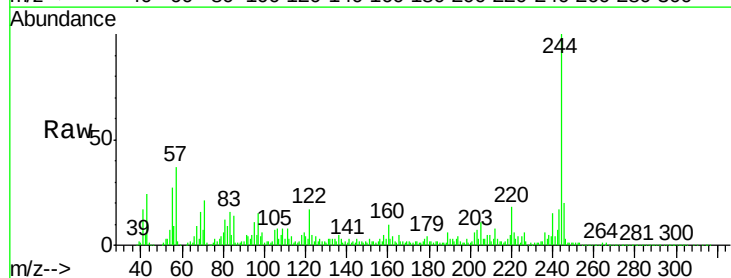
Tgt Ion:244 Resp: 391820

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

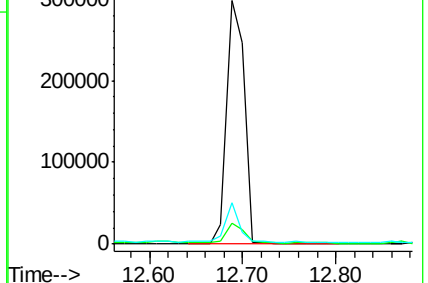
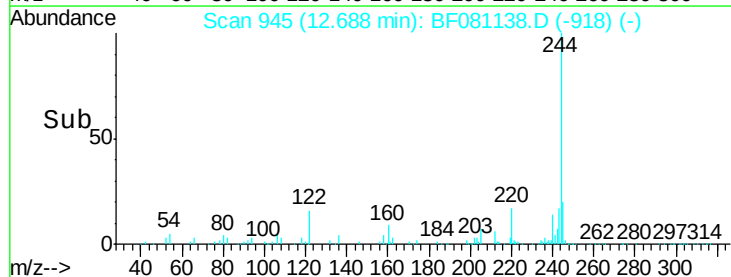
122 17.2 8.2 12.4#

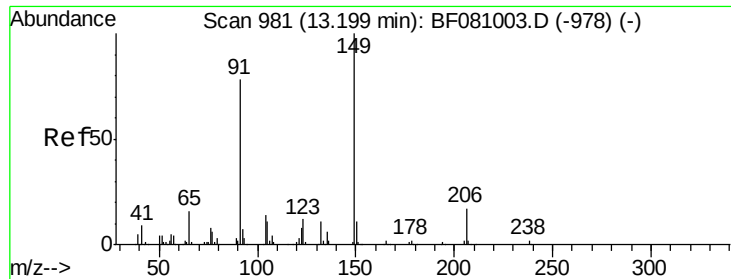


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

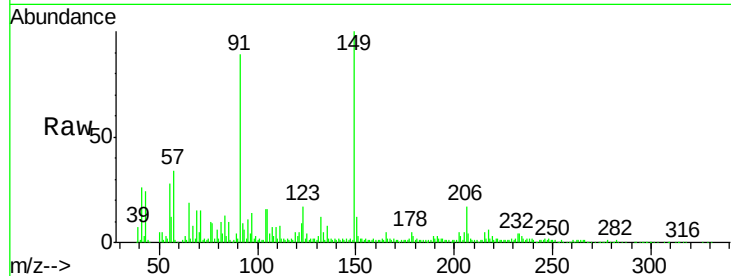




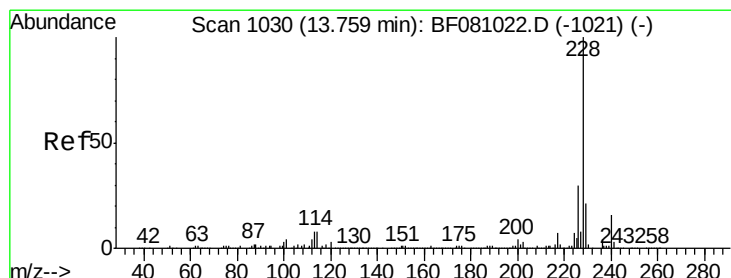
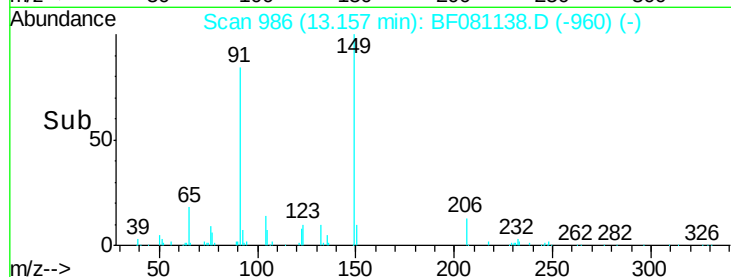
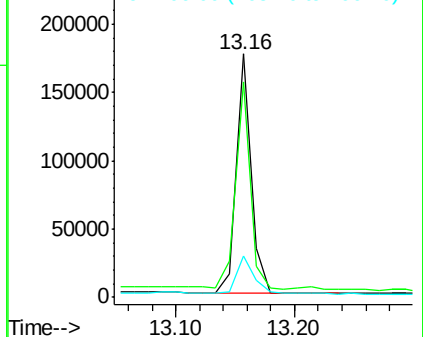
#79
Butylbenzylphthalate
Concen: 37.10 ng
RT: 13.16 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)MS

Tot Ion:149 Resp: 155669
Ion Ratio Lower Upper
149 100
91 88.7 46.9 70.3#
206 16.9 17.0 25.4#

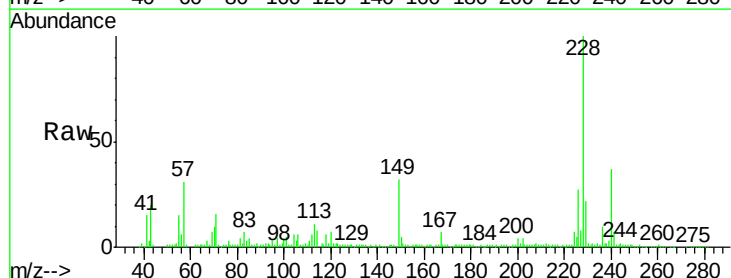


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

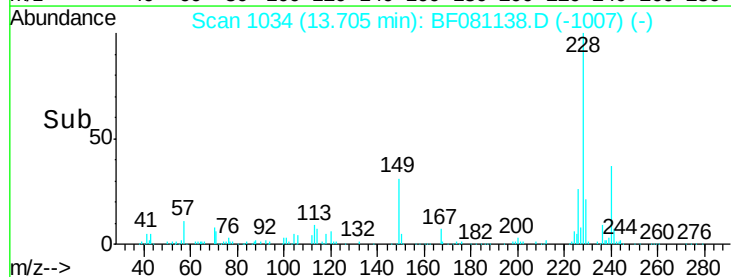
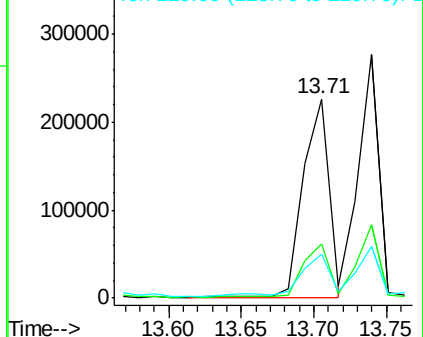


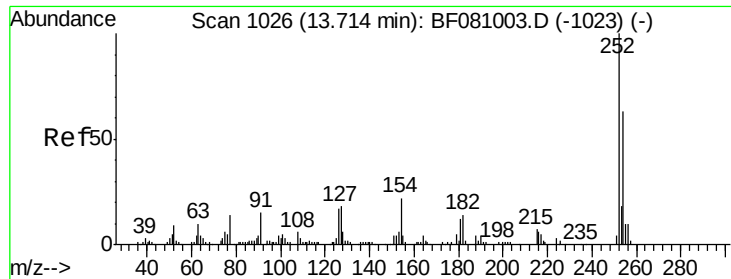
#80
Benzo(a)anthracene
Concen: 34.26 ng
RT: 13.71 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

Tgt Ion:228 Resp: 275875
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 22.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

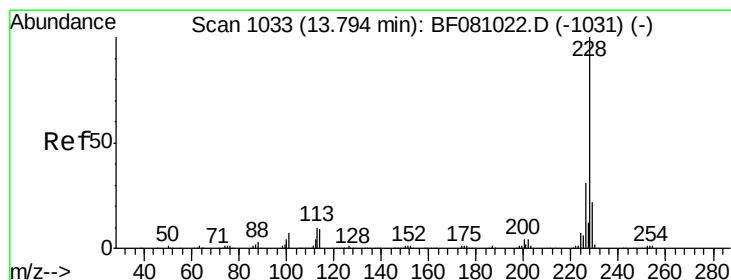
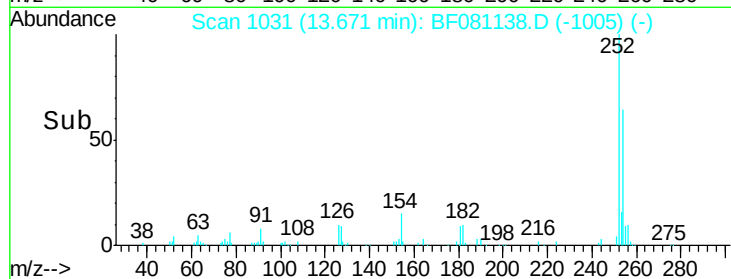
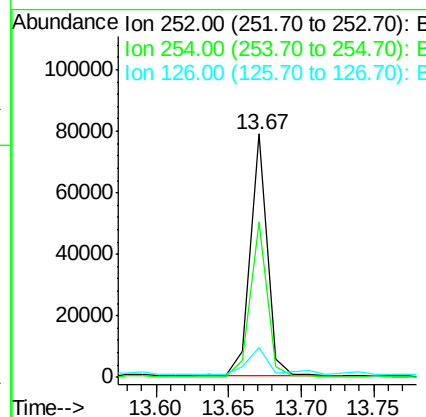
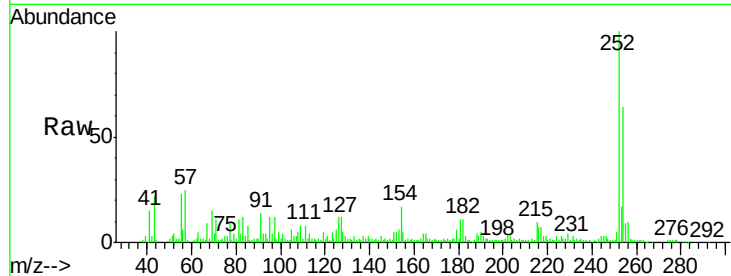




#81
 3,3'-Dichlorobenzidine
 Concen: 24.86 ng
 RT: 13.67 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF081138.D
 Acq: 20 Aug 2015 22:15

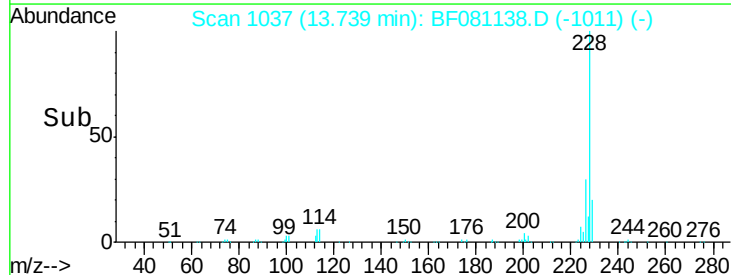
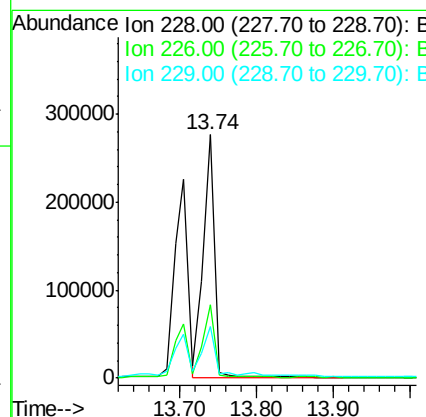
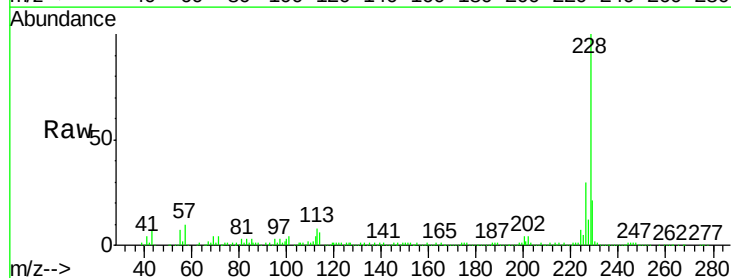
Instrument :
 BNA_F
 ClientSampleId :
 A-PIPE(4)MS

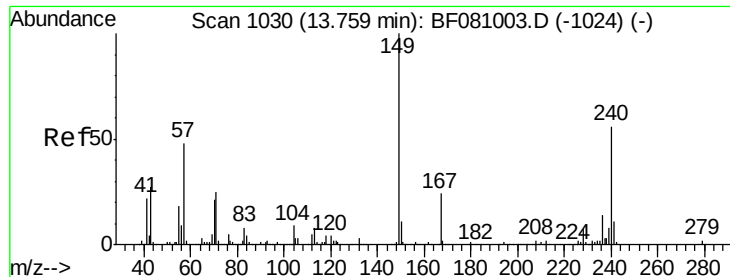
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	12.3	12.5	18.7#



#82
 Chrysene
 Concen: 38.01 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF081138.D
 Acq: 20 Aug 2015 22:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	21.2	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.63 ng

RT: 13.72 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

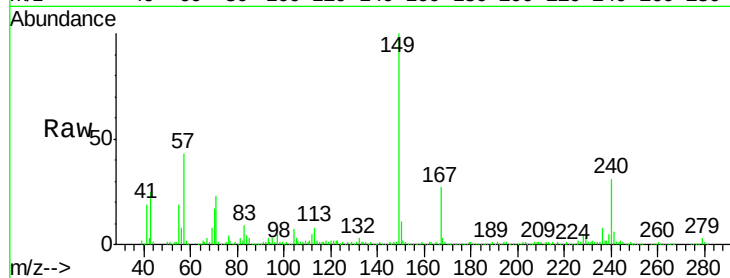
Tot Ion:149 Resp: 234470

Ion Ratio Lower Upper

149 100

167 26.7 20.7 31.1

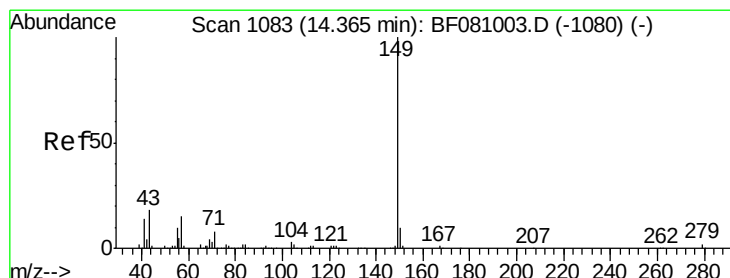
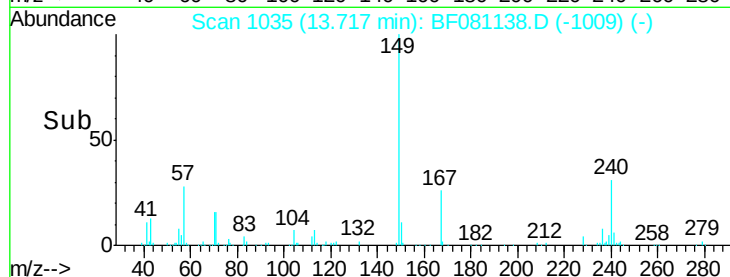
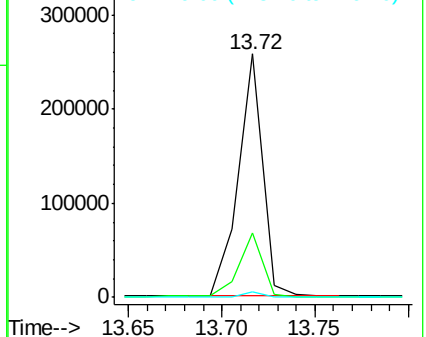
279 2.5 2.2 3.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.02 ng

RT: 14.32 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

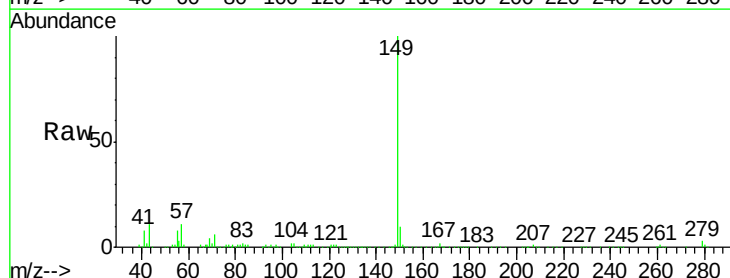
Tgt Ion:149 Resp: 343277

Ion Ratio Lower Upper

149 100

167 1.9 1.1 1.7#

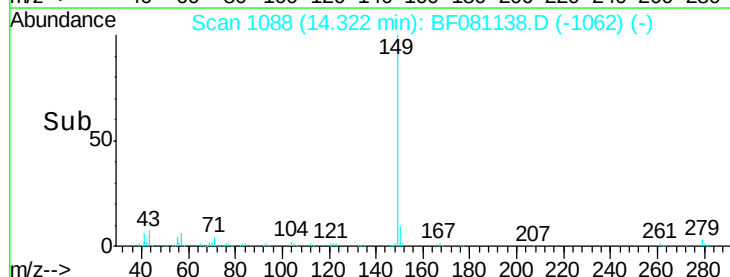
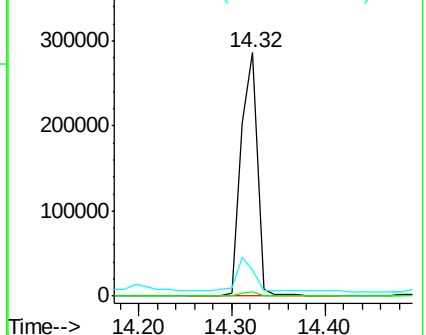
43 14.8 11.6 17.4

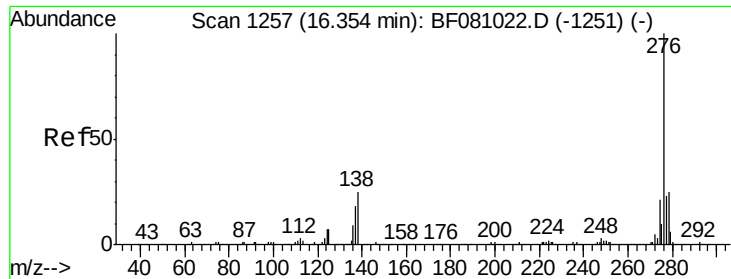


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

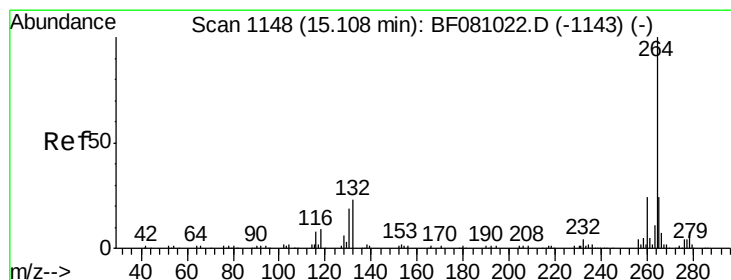
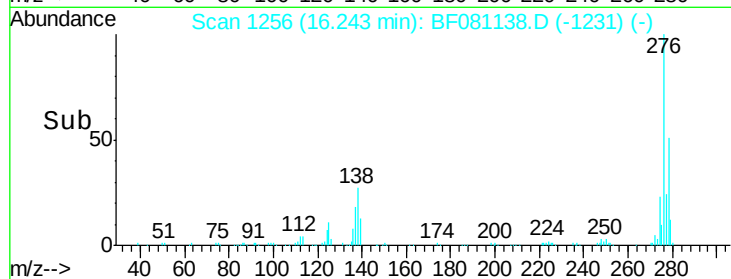
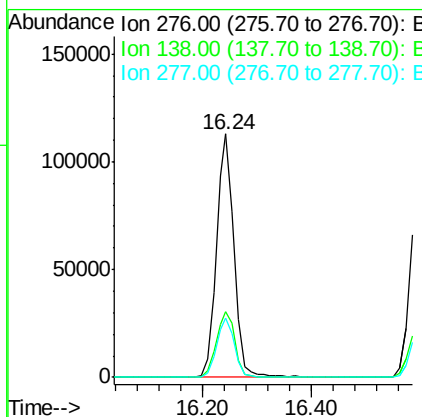
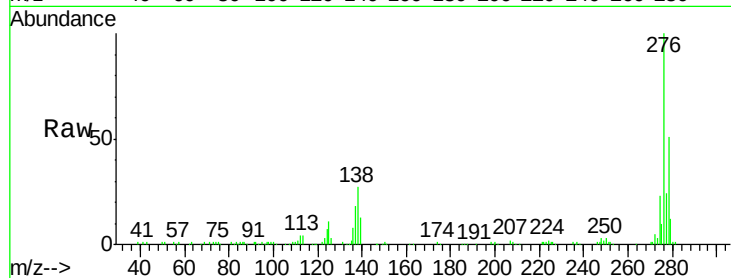




#85
Indeno(1,2,3-cd)pyrene
Concen: 50.22 ng
RT: 16.24 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

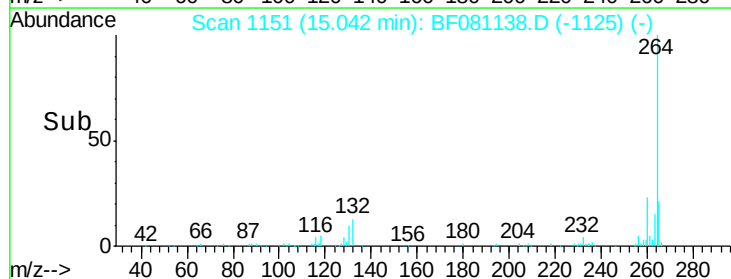
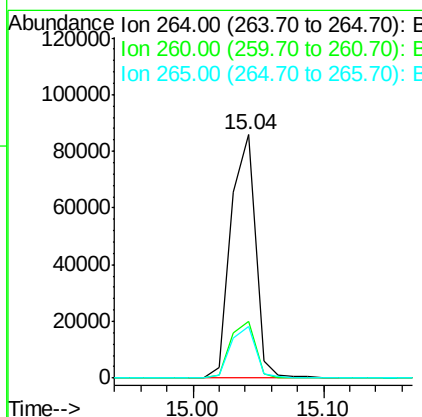
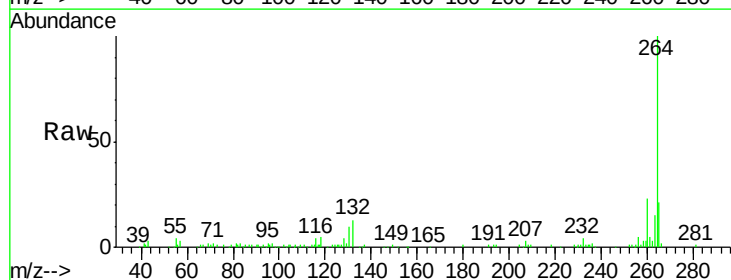
Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)MS

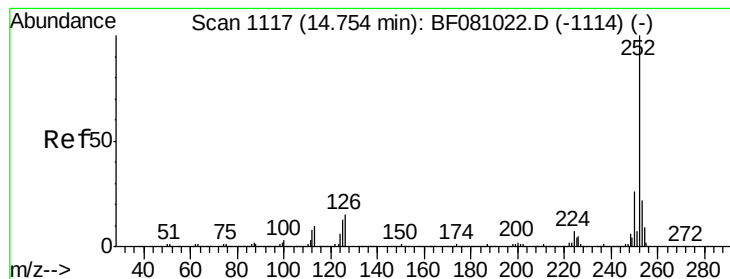
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	18.6	28.0#
277	24.3	19.8	29.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 56.62 ng

RT: 14.71 min Scan# 1122

Delta R.T. 0.02 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

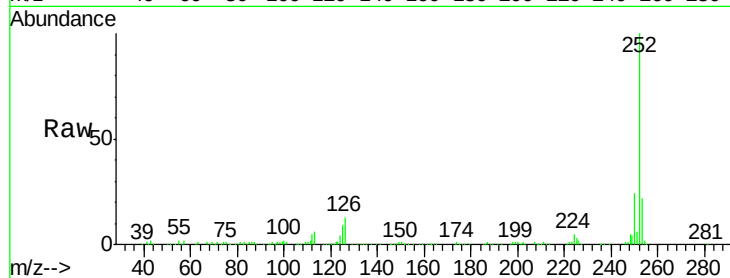
Tot Ion:252 Resp: 449286

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

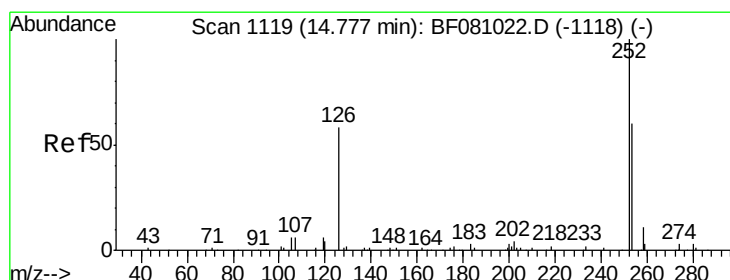
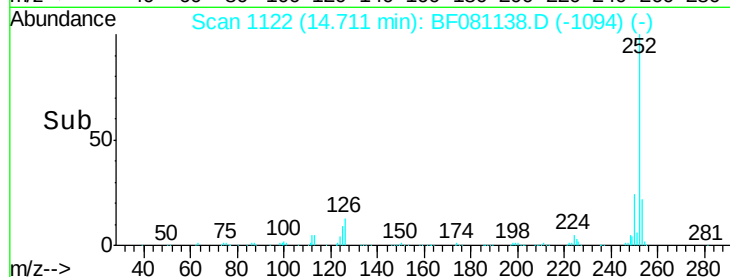
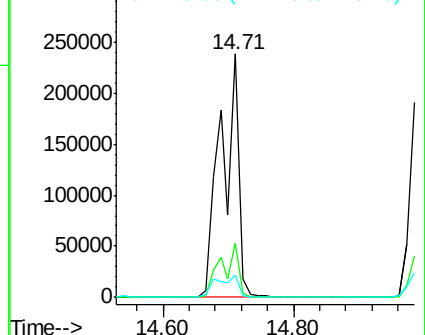
125 9.0 8.0 12.0



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: 60.77 ng

RT: 14.71 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

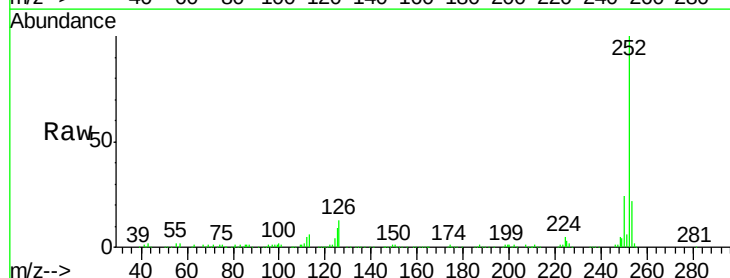
Tgt Ion:252 Resp: 449286

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

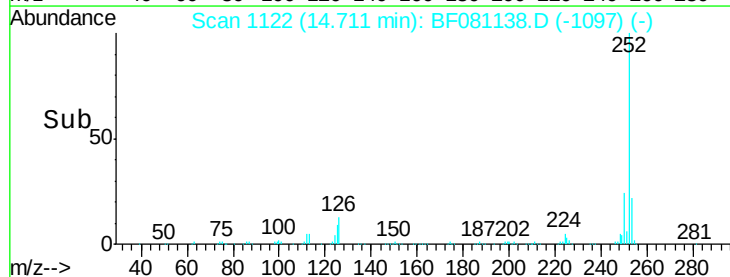
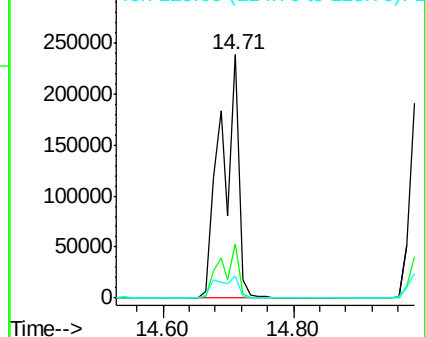
125 9.0 10.3 15.5#

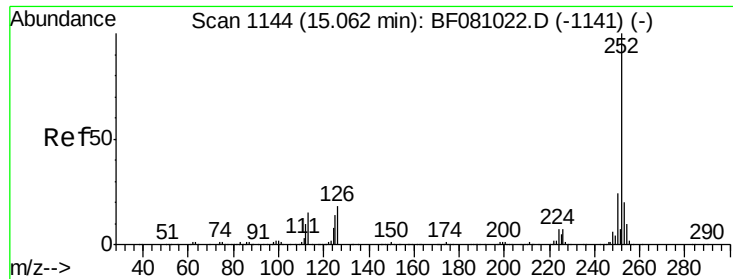


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

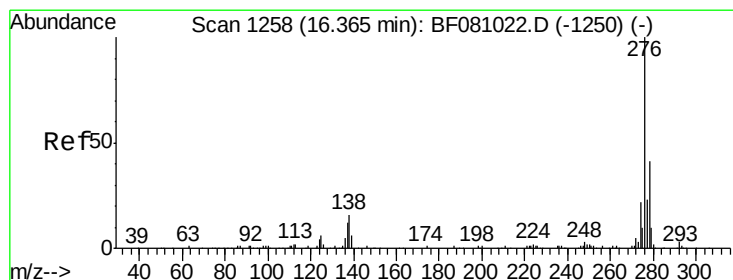
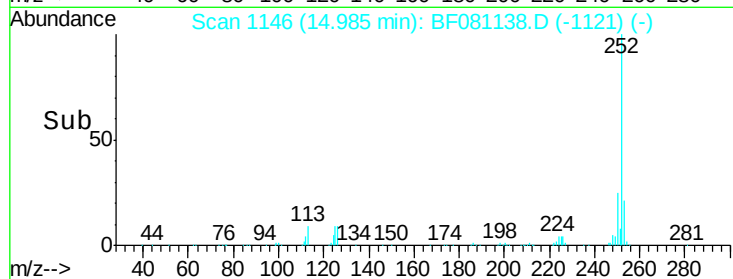
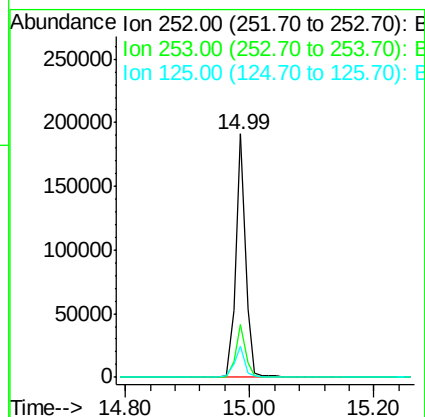
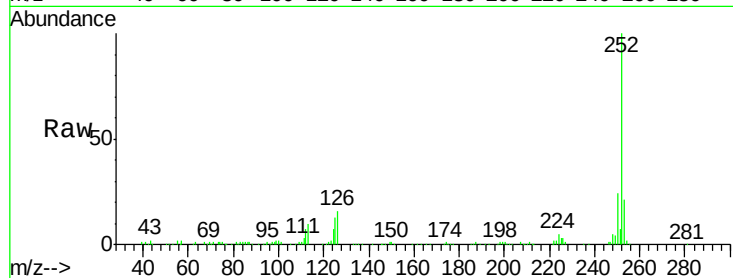




#89
Benzo(a)pyrene
Concen: 30.85 ng
RT: 14.99 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

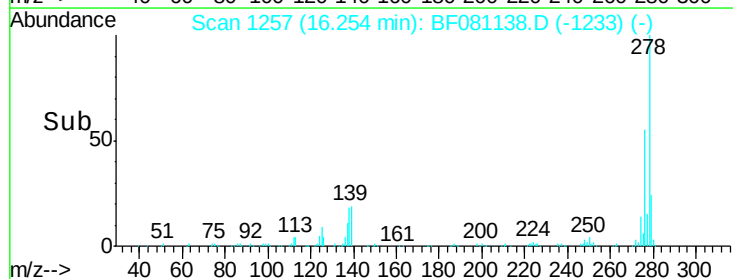
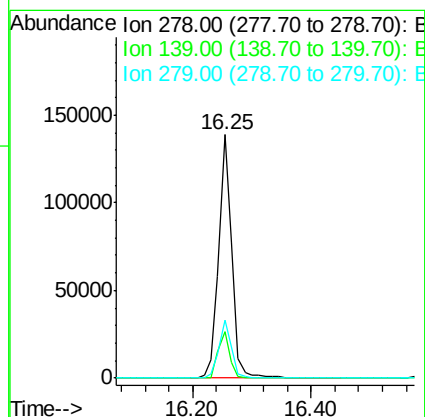
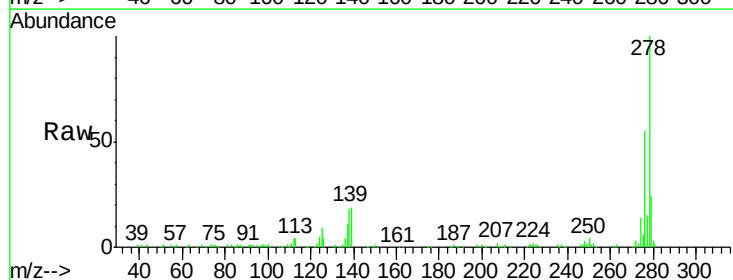
Instrument :
BNA_F
ClientSampleId :
A-PIPE(4)MS

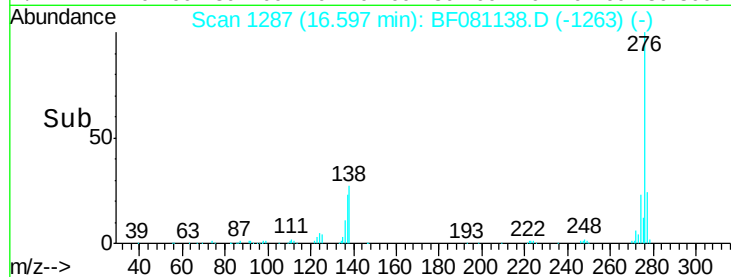
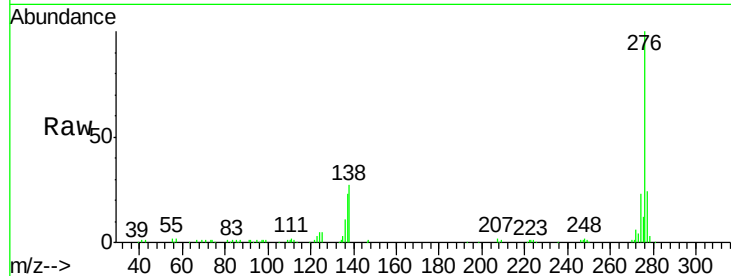
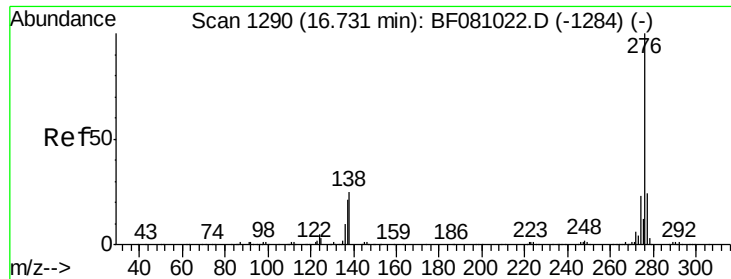
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.6	25.0
125	12.7	7.8	11.8#



#90
Dibenzo(a,h)anthracene
Concen: 39.50 ng
RT: 16.25 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF081138.D
Acq: 20 Aug 2015 22:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.2	10.8	16.2#
279	23.7	19.0	28.6





#91

Benzo(a,h,i)perylene

Concen: 40.12 ng

RT: 16.60 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF081138.D

Acq: 20 Aug 2015 22:15

Instrument :

BNA_F

ClientSampleId :

A-PIPE(4)MS

Tot Ion:276 Resp: 219277

Ion Ratio Lower Upper

276 100

277 24.2 18.2 27.2

138 27.0 13.7 20.5#

