

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081401.D
 Acq On : 4 Sep 2015 4:17
 Operator : UM/IZ
 Sample : G3419-06MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HX2MSD

Quant Time: Sep 04 06:02:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 02:03:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	217793	20.00	ng	0.15
21) Naphthalene-d8	7.82	136	280	20.00	ng	0.15
38) Acenaphthene-d10	9.56	164	4072	20.00	ng	0.16
63) Phenanthrene-d10	11.05	188	282	20.00	ng	0.18
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.47
86) Perylene-d12	0.00	264	0	0.00	ng	-14.79

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.91	112	188990	13.46	ng	0.00
7) Phenol-d6	6.15	99	8443	0.45	ng	0.10
23) Nitrobenzene-d5	7.21	82	351042	60487.94	ng	0.26
41) 2,4,6-Tribromophenol	10.19	330	110539	3048.75	ng	0.00
44) 2-Fluorobiphenyl	8.74	172	671555	2113.43	ng	-0.01
78) Terphenyl-d14	12.46	244	663955	0.00	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.72	88	23759	3.77	ng	# 82
3) Pyridine	2.28	79	58946	3.39	ng	95
4) n-Nitrosodimethylamine	2.22	42	43014	4.45	ng	# 76
6) Aniline	6.11	93	181181	6.91	ng	# 52
8) 2-Chlorophenol	6.16	128	117500	7.60	ng	95
11) bis(2-Chloroethyl)ether	6.11	93	181181	11.65	ng	# 82
12) 1,3-Dichlorobenzene	6.39	146	172998	10.47	ng	# 91
13) 1,4-Dichlorobenzene	6.54	146	146444	8.70	ng	# 85
14) 1,2-Dichlorobenzene	6.54	146	146444	9.67	ng	# 87
15) Benzyl Alcohol	6.67	79	71588	4.70	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	6.67	45	343621	11.53	ng	52
17) 2-Methylphenol	6.83	107	95632	7.75	ng	# 81
18) Hexachloroethane	6.88	117	68465	10.46	ng	95
19) n-Nitroso-di-n-propylamine	6.95	70	55878	4.42	ng	# 63
20) 3+4-Methylphenols	6.83	107	95632	5.75	ng	88
22) Acetophenone	6.80	105	281207	36769.44	ng	# 79
24) Nitrobenzene	7.07	77	22564	3743.96	ng	# 33
25) Isophorone	7.21	82	351042	32520.08	ng	# 83
26) 2-Nitrophenol	7.29	139	73076	27819.52	ng	# 63
27) 2,4-Dimethylphenol	7.47	122	27411	6041.72	ng	# 16
28) bis(2-Chloroethoxy)methane	7.44	93	220685	35393.42	ng	# 91
29) 2,4-Dichlorophenol	7.54	162	106144	26979.60	ng	96
30) 1,2,4-Trichlorobenzene	7.61	180	146292	34228.20	ng	97
31) Naphthalene	7.68	128	474030	31744.31	ng	98
32) Benzoic acid	7.80	122	3338	978.50	ng	# 32
33) 4-Chloroaniline	7.75	127	135870	22307.57	ng	# 83
34) Hexachlorobutadiene	7.80	225	77411	29761.59	ng	97
35) Caprolactam	8.34	113	10901	9034.29	ng	# 3
36) 4-Chloro-3-methylphenol	8.42	107	6072	1378.85	ng	# 39
37) 2-Methylnaphthalene	8.47	142	325102	33454.90	ng	# 85
39) 1,2,4,5-Tetrachlorobenzene	8.55	216	132415	1028.24	ng	99
40) Hexachlorocyclopentadiene	8.54	237	128806	2038.10	ng	99
42) 2,4,6-Trichlorophenol	8.72	196	80778	908.89	ng	98
43) 2,4,5-Trichlorophenol	8.72	196	80778	890.91	ng	# 91

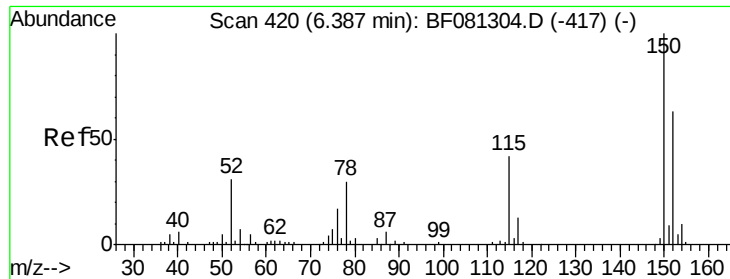
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081401.D
 Acq On : 4 Sep 2015 4:17
 Operator : UM/IZ
 Sample : G3419-06MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HX2MSD

Quant Time: Sep 04 06:02:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 02:03:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	8.84	154	417162	1113.54	nq	95
46) 2-Chloronaphthalene	8.86	162	276130	1020.65	nq	# 88
47) 2-Nitroaniline	9.16	65	5013	45.46	nq	# 1
48) Acenaphthylene	9.27	152	497538	1036.63	nq	97
49) Dimethylphthalate	9.16	163	376706	1190.69	nq	# 97
50) 2,6-Dinitrotoluene	9.22	165	81071	1129.04	nq	# 88
51) Acenaphthene	9.44	154	322943	1182.76	nq	91
52) 3-Nitroaniline	9.50	138	2177	26.63	nq	# 1
53) 2,4-Dinitrophenol	9.50	184	70156	2319.63	nq	# 70
54) Dibenzofuran	9.74	168	23197	58.18	nq	# 50
55) 4-Nitrophenol	9.61	139	217924	4243.38	nq	# 32
56) 2,4-Dinitrotoluene	9.62	165	104765	1145.85	nq	# 94
57) Fluorene	9.95	166	357304	1180.96	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.74	232	64521	932.06	nq	# 87
59) Diethylphthalate	9.85	149	348369	1046.81	nq	94
60) 4-Chlorophenyl-phenylether	9.95	204	169240	1200.17	nq	90
61) 4-Nitroaniline	9.99	138	73275	887.24	nq	# 23
62) Azobenzene	10.43	77	72031	194.68	nq	# 41
64) 4,6-Dinitro-2-methylphenol	10.02	198	47413	30059.76	nq	94
65) n-Nitrosodiphenylamine	10.08	169	316095	30804.11	nq	92
66) 4-Bromophenyl-phenylether	10.43	248	87305	30618.18	nq	# 91
67) Hexachlorobenzene	10.49	284	97940	32851.26	nq	# 85
68) Atrazine	10.63	200	97007	32668.09	nq	83
69) Pentachlorophenol	10.70	266	87478	53692.59	nq	99
70) Phenanthrene	10.95	178	535304	34144.38	nq	98
71) Anthracene	10.95	178	534656	33194.27	nq	98
72) Carbazole	11.11	167	424228	28067.38	nq	# 95
73) Di-n-butylphthalate	11.46	149	554602	31073.70	nq	# 98
74) Fluoranthene	12.29	202	504086	29701.49	nq	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.15 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Instrument :

BNA_F

ClientSampleId :

HX2MSD

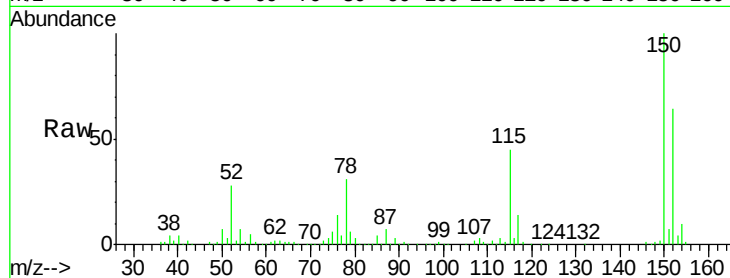
Tot Ion:152 Resp: 217793

Ion Ratio Lower Upper

152 100

150 156.6 124.7 187.1

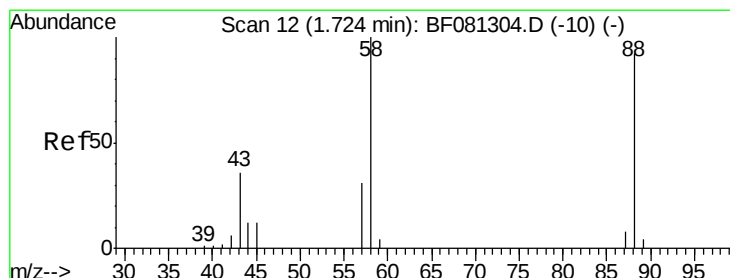
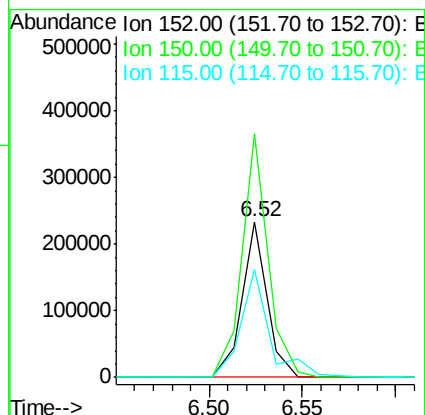
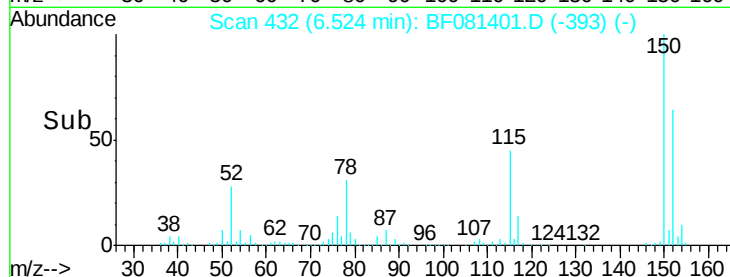
115 69.8 39.0 58.4#



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: 3.77 ng

RT: 1.72 min Scan# 12

Delta R.T. 0.05 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

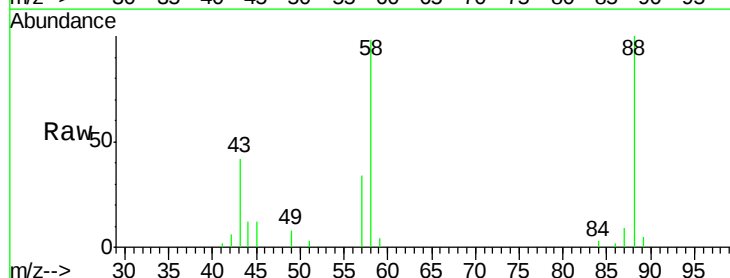
Tgt Ion: 88 Resp: 23759

Ion Ratio Lower Upper

88 100

58 105.0 77.7 116.5

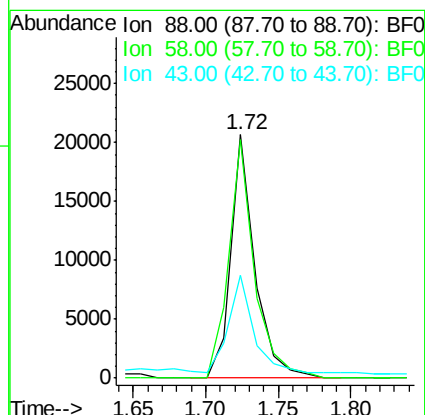
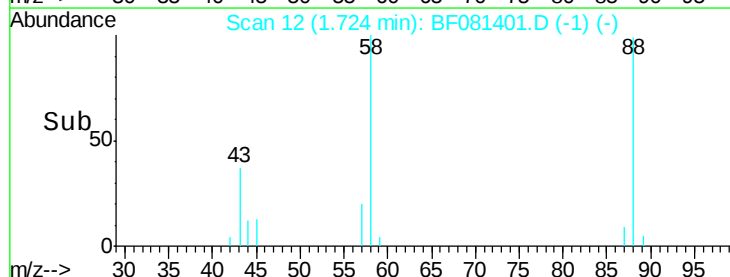
43 60.0 26.6 40.0#

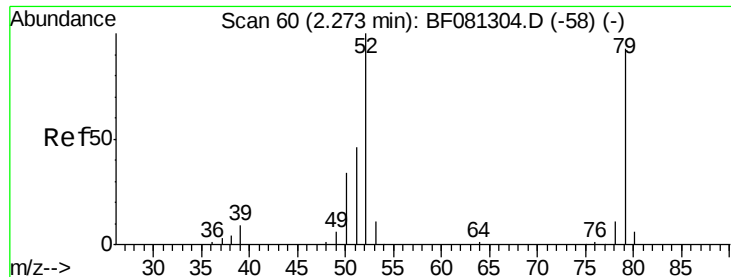


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 3.39 ng

RT: 2.28 min Scan# 61

Delta R.T. 0.05 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Instrument :

BNA_F

ClientSampleId :

HX2MSD

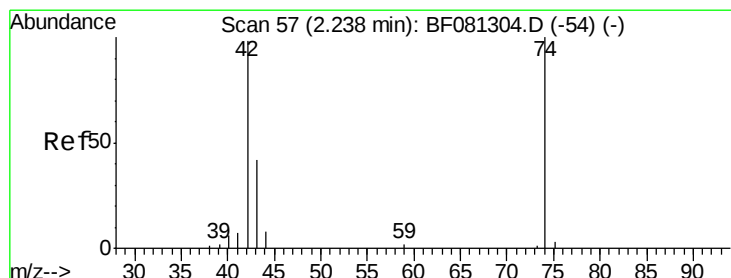
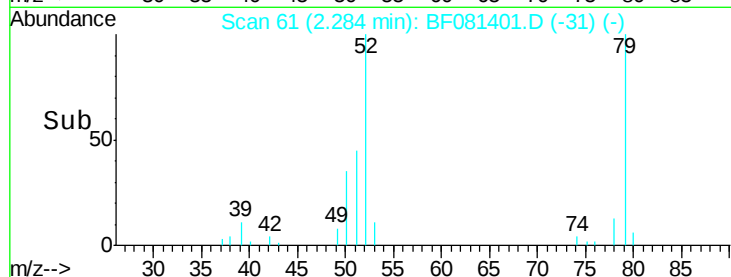
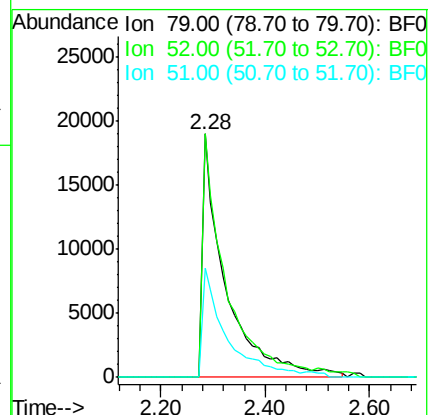
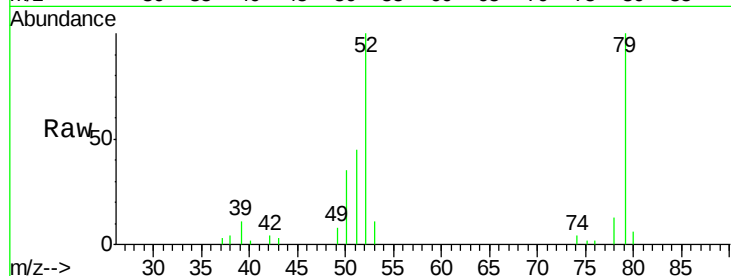
Tot Ion: 79 Resp: 58946

Ion Ratio Lower Upper

79 100

52 99.8 76.8 115.2

51 44.6 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 4.45 ng

RT: 2.22 min Scan# 55

Delta R.T. 0.02 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

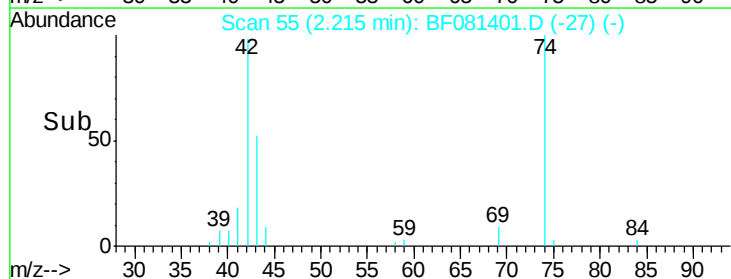
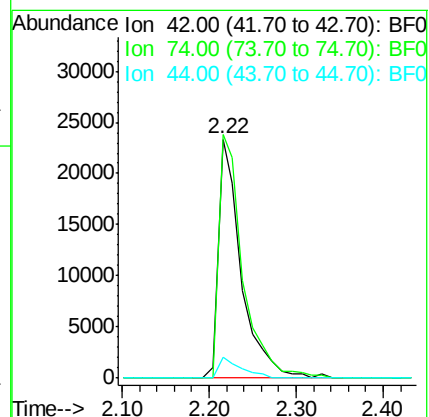
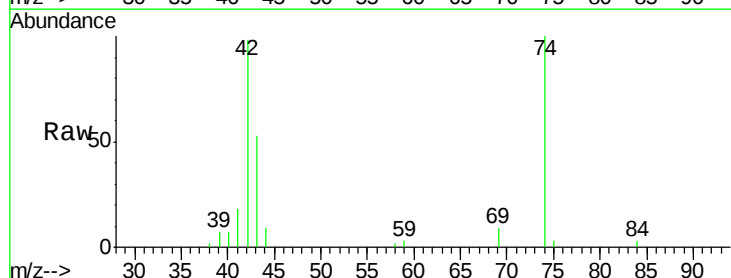
Tgt Ion: 42 Resp: 43014

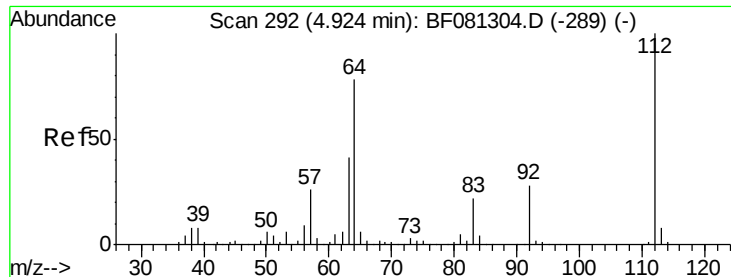
Ion Ratio Lower Upper

42 100

74 101.8 105.0 157.6#

44 8.8 6.6 10.0

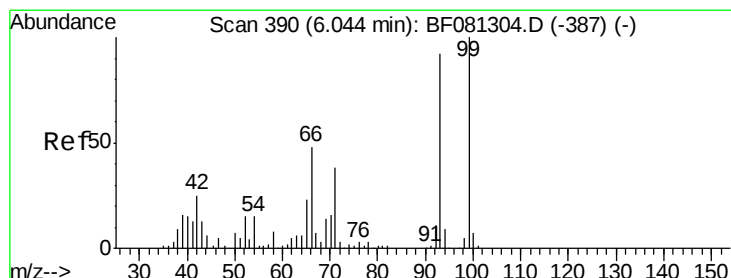
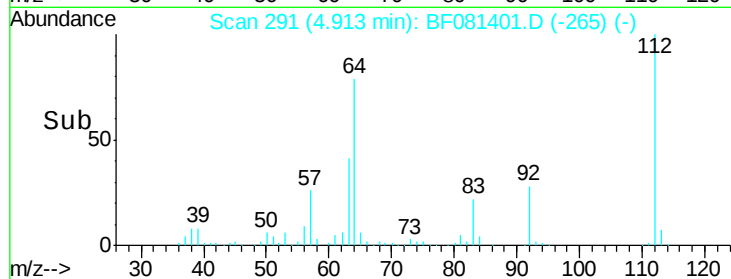
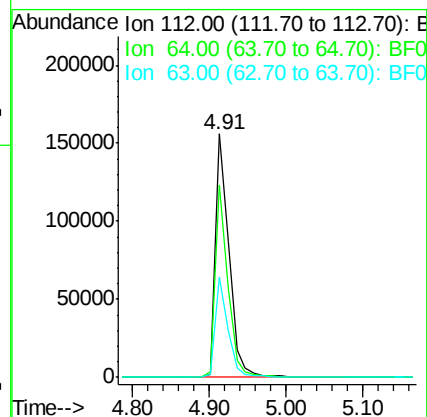
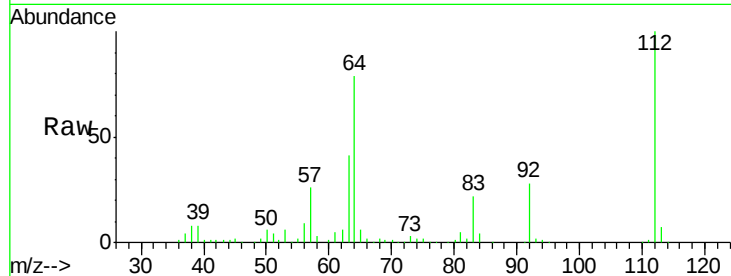




#5
 2-Fluorophenol
 Concen: 13.46 ng
 RT: 4.91 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: BF081401.D
 Acq: 4 Sep 2015 4:17

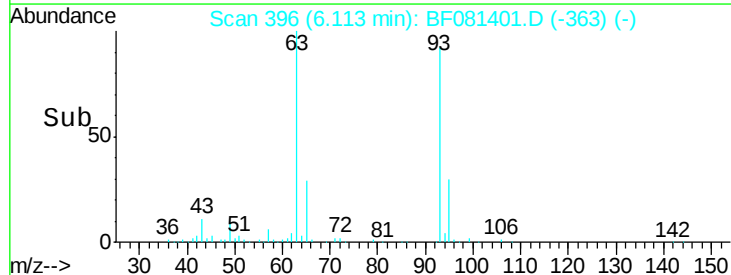
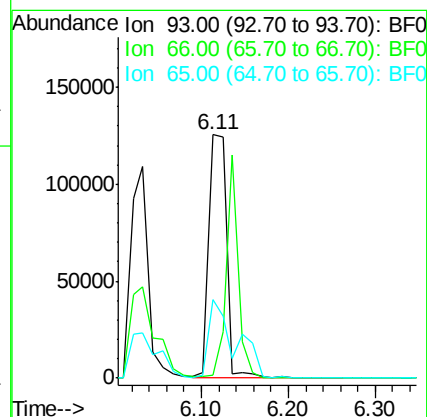
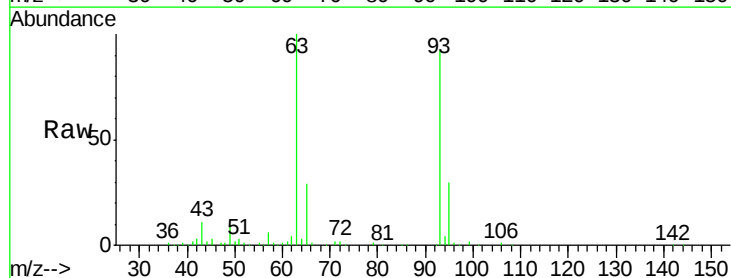
Instrument :
 BNA_F
 ClientSampleId :
 HX2MSD

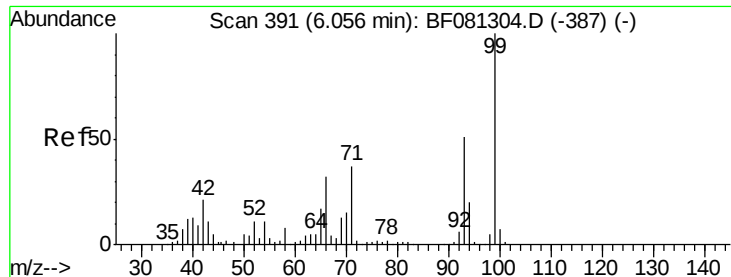
Tot Ion	Ratio	Lower	Upper
112	100		
64	78.9	39.7	59.5#
63	41.3	17.4	26.0#



#6
 Aniline
 Concen: 6.91 ng
 RT: 6.11 min Scan# 396
 Delta R.T. 0.08 min
 Lab File: BF081401.D
 Acq: 4 Sep 2015 4:17

Tgt Ion	Ratio	Lower	Upper
93	100		
66	1.1	27.2	40.8#
65	32.0	14.7	22.1#





#7

Phenol-d6

Concen: 0.45 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.10 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Instrument :

BNA_F

ClientSampleId :

HX2MSD

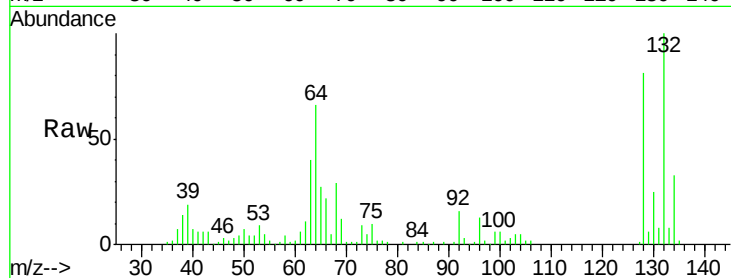
Tot Ion: 99 Resp: 8443

Ion Ratio Lower Upper

99 100

42 90.0 13.7 20.5#

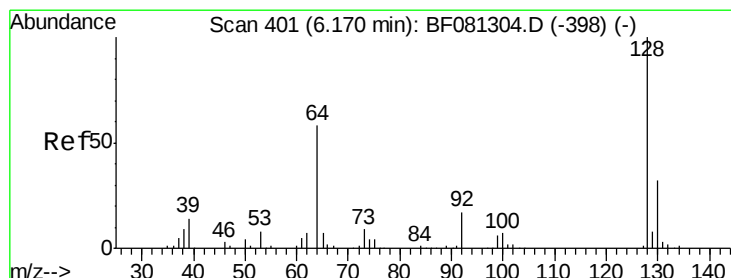
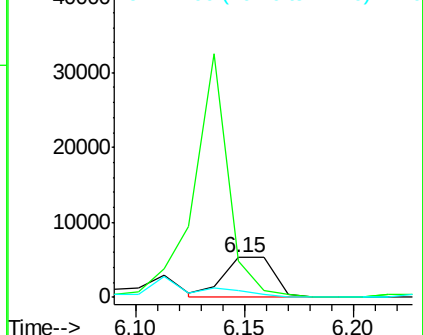
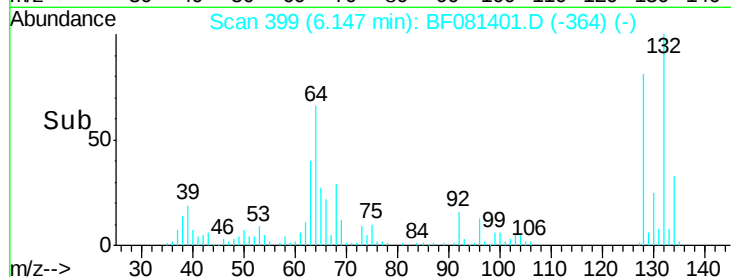
71 17.5 14.2 21.2



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: 7.60 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

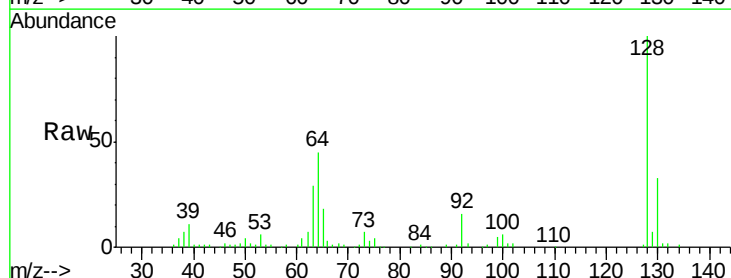
Tgt Ion: 128 Resp: 117500

Ion Ratio Lower Upper

128 100

130 32.8 12.2 52.2

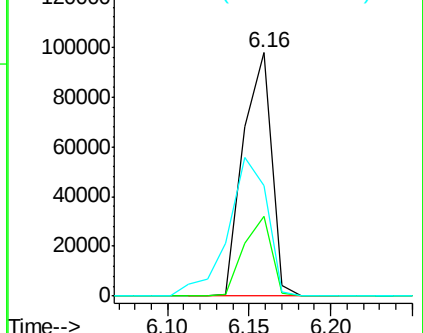
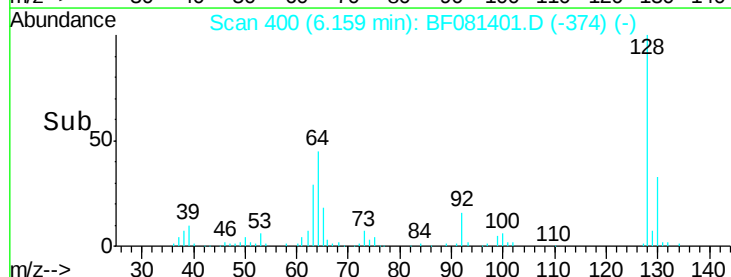
64 45.4 20.5 60.5

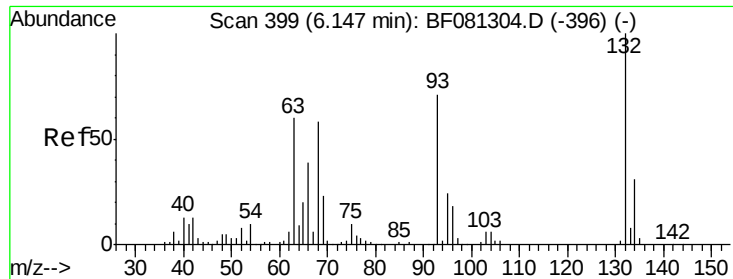


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 11.65 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Instrument :

BNA_F

ClientSampleId :

HX2MSD

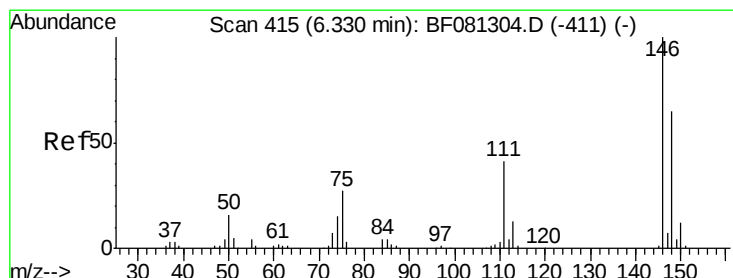
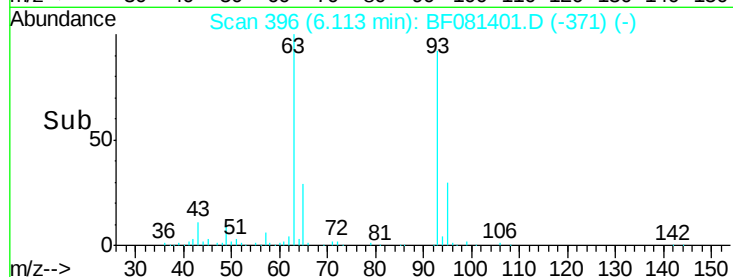
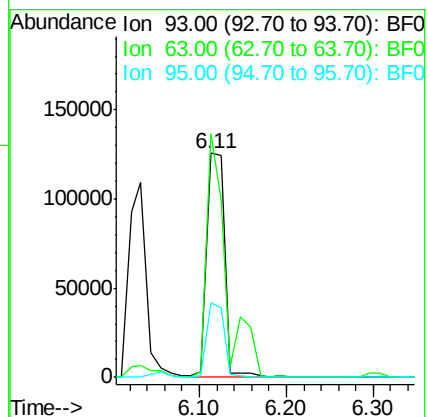
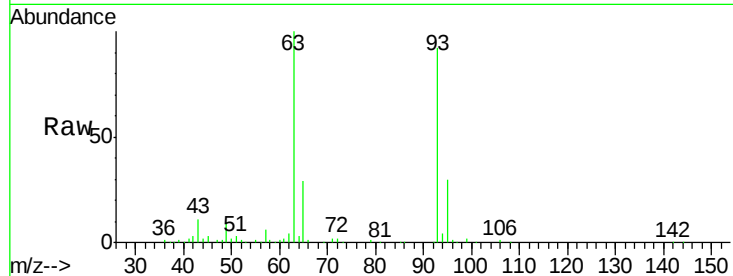
Tot Ion: 93 Resp: 181181

Ion Ratio Lower Upper

93 100

63 108.7 65.6 105.6#

95 33.1 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 10.47 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.08 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

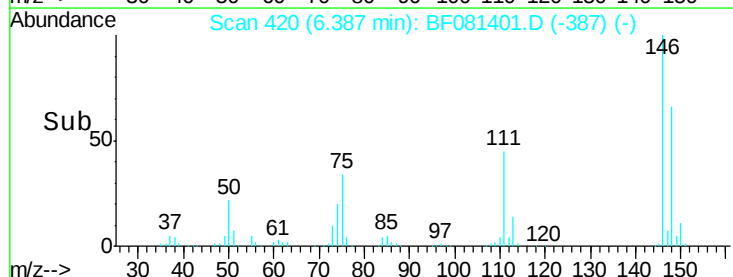
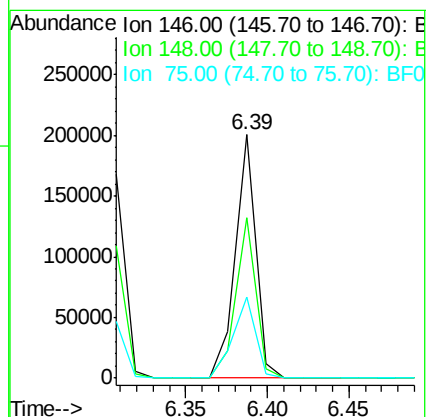
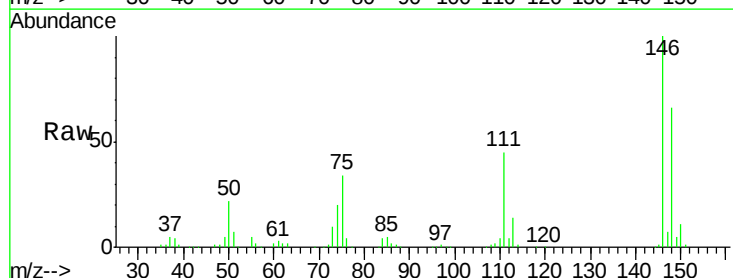
Tgt Ion: 146 Resp: 172998

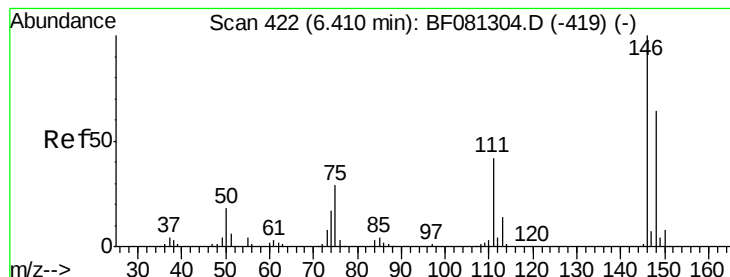
Ion Ratio Lower Upper

146 100

148 65.7 51.0 76.4

75 33.5 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 8.70 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.15 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Instrument :

BNA_F

ClientSampleId :

HX2MSD

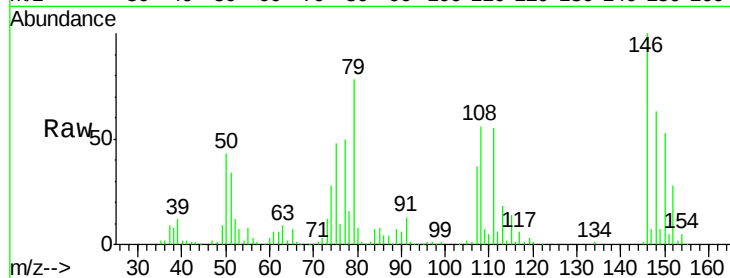
Tot Ion:146 Resp: 146444

Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.6

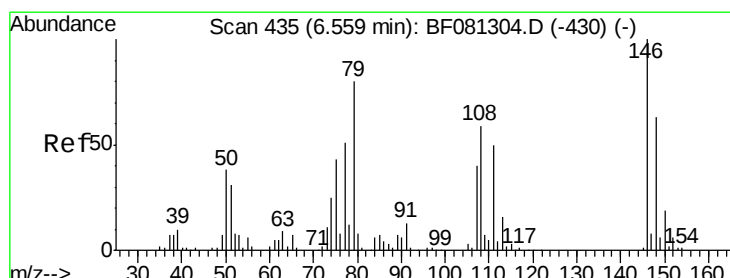
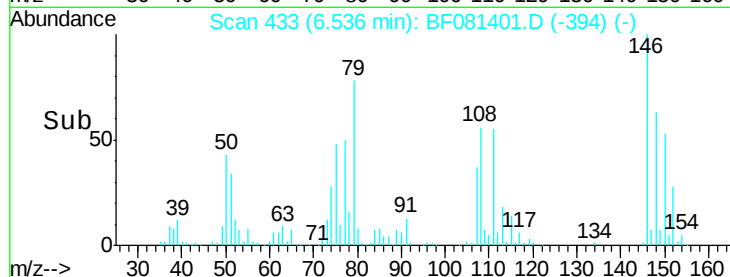
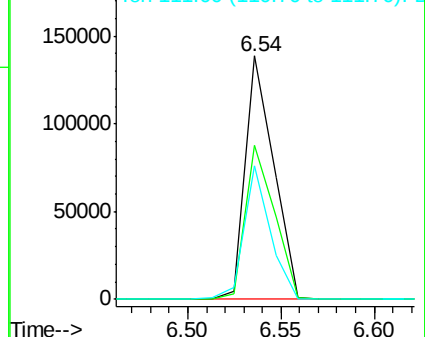
111 54.6 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 9.67 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

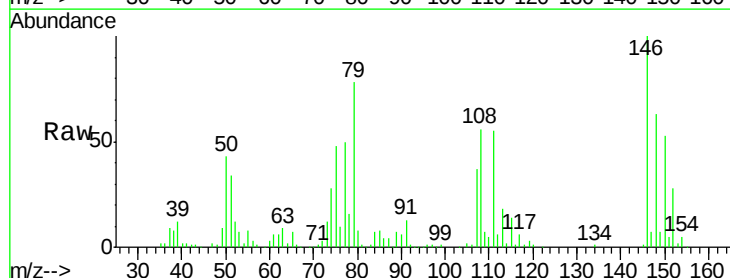
Tgt Ion:146 Resp: 146444

Ion Ratio Lower Upper

146 100

148 63.3 52.7 79.1

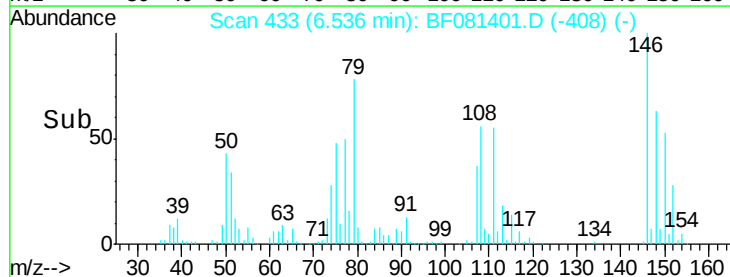
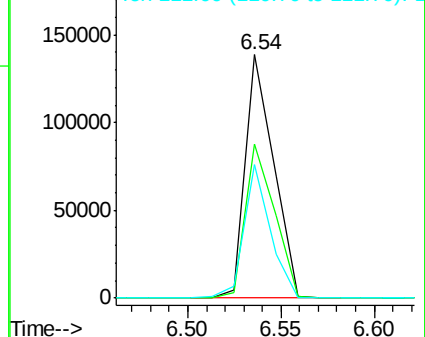
111 54.6 28.8 43.2#

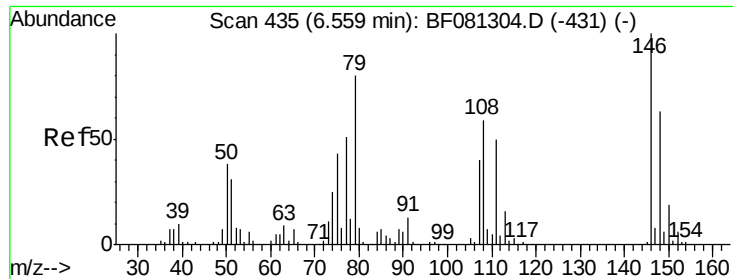


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

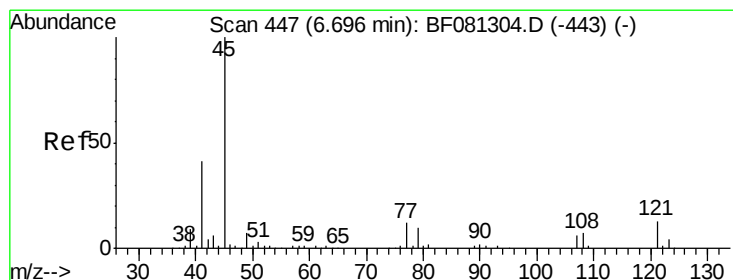
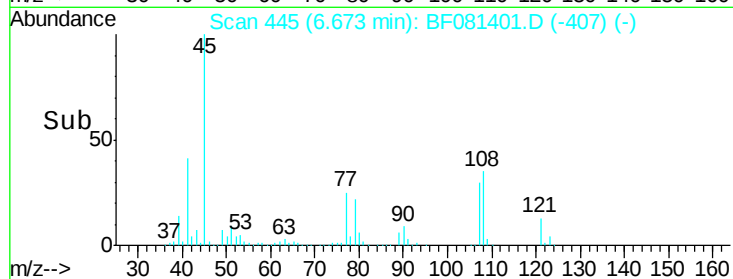
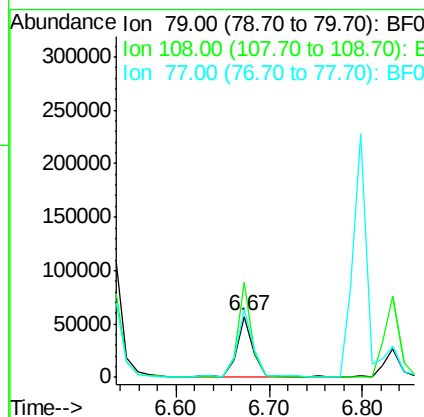
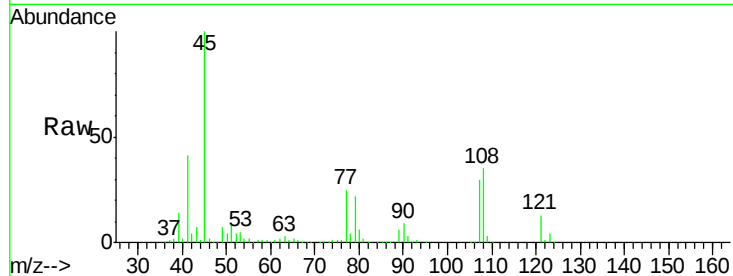




#15
Benzyl Alcohol
Concen: 4.70 ng
RT: 6.67 min Scan# 445
Delta R.T. 0.14 min
Lab File: BF081401.D
Acq: 4 Sep 2015 4:17

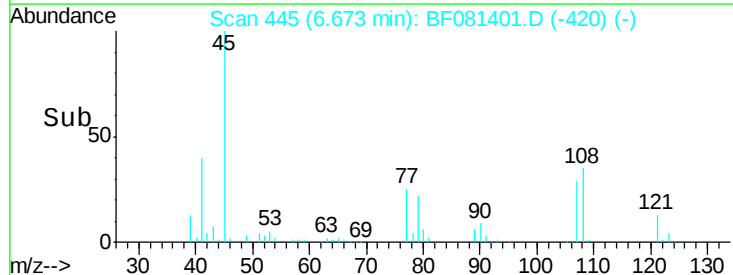
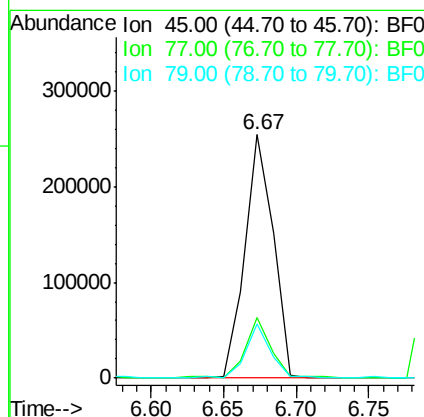
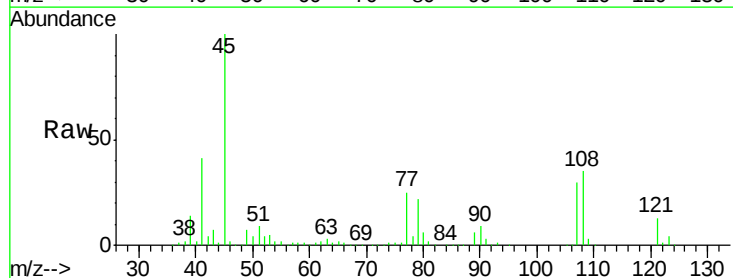
Instrument :
BNA_F
ClientSampleId :
HX2MSD

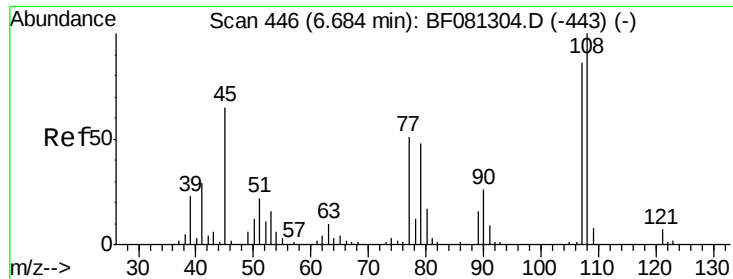
Tot Ion: 79 Resp: 71588
Ion Ratio Lower Upper
79 100
108 156.8 88.6 132.8#
77 111.3 47.0 70.4#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.53 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081401.D
Acq: 4 Sep 2015 4:17

Tgt Ion: 45 Resp: 343621
Ion Ratio Lower Upper
45 100
77 24.9 0.0 28.1
79 22.4 0.0 26.0

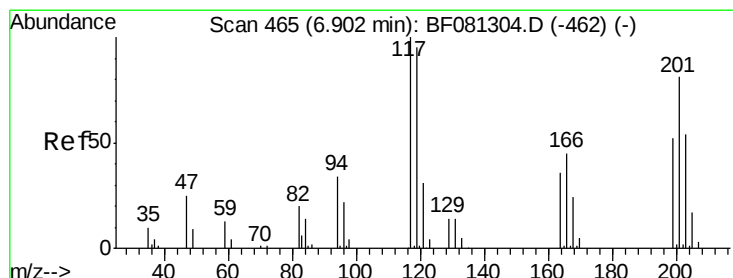
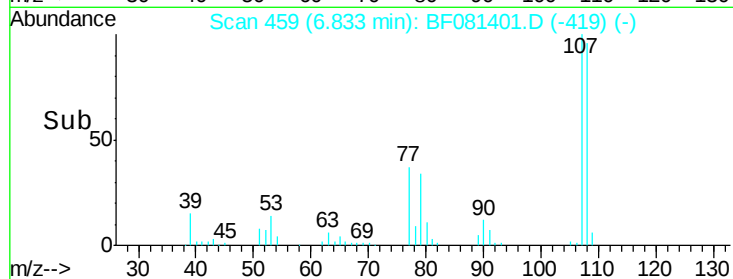
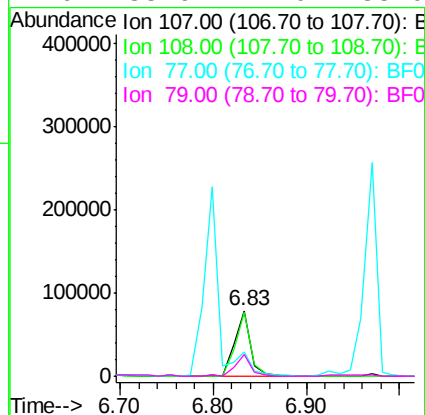
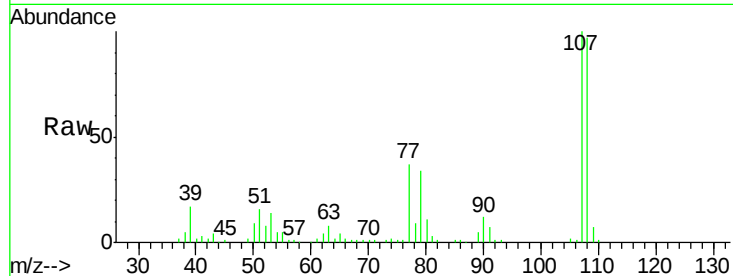




#17
 2-Methylphenol
 Concen: 7.75 ng
 RT: 6.83 min Scan# 459
 Delta R.T. 0.16 min
 Lab File: BF081401.D
 Acq: 4 Sep 2015 4:17

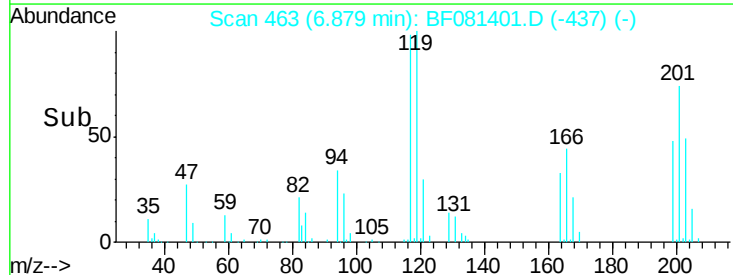
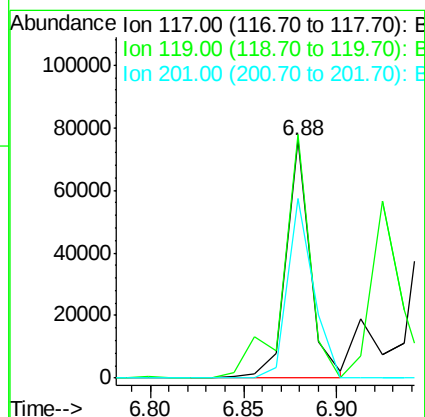
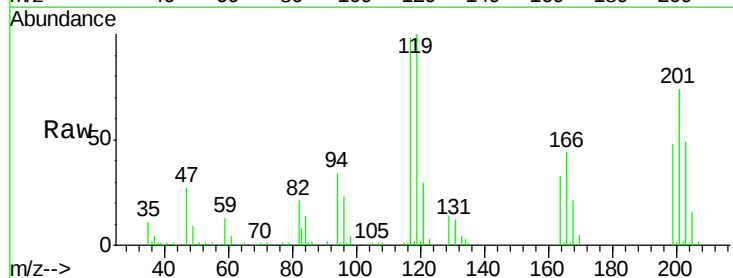
Instrument :
 BNA_F
 ClientSampleId :
 HX2MSD

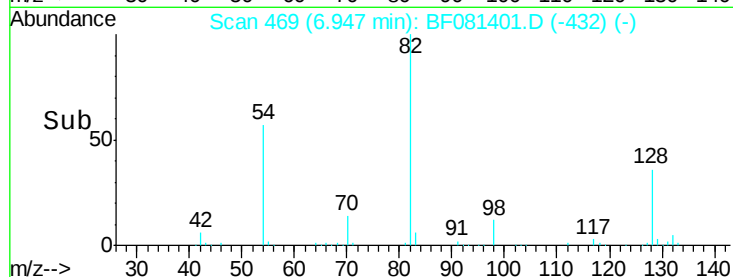
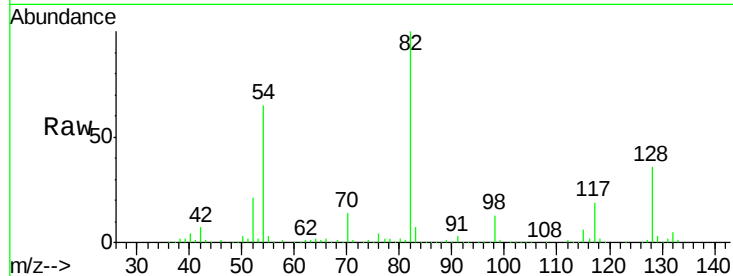
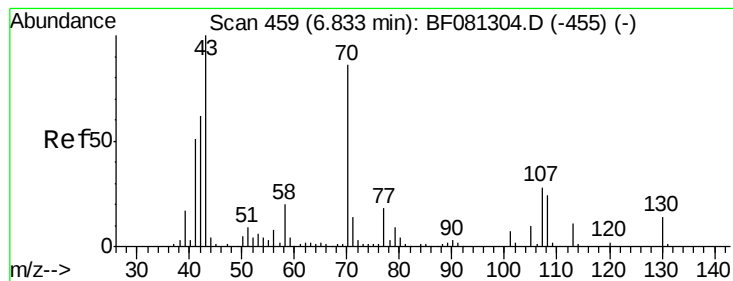
Tot Ion:	107	Resp:	95632
Ion	Ratio	Lower	Upper
107	100		
108	96.9	96.6	145.0
77	37.4	23.3	34.9#
79	33.6	22.0	33.0#



#18
 Hexachloroethane
 Concen: 10.46 ng
 RT: 6.88 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF081401.D
 Acq: 4 Sep 2015 4:17

Tgt Ion:	117	Resp:	68465
Ion	Ratio	Lower	Upper
117	100		
119	102.2	83.8	125.6
201	75.5	55.1	82.7





#19

n-Nitroso-di-n-propylamine

Concen: 4.42 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Instrument :

BNA_F

ClientSampleId :

HX2MSD

Tot Ion: 70 Resp: 55878

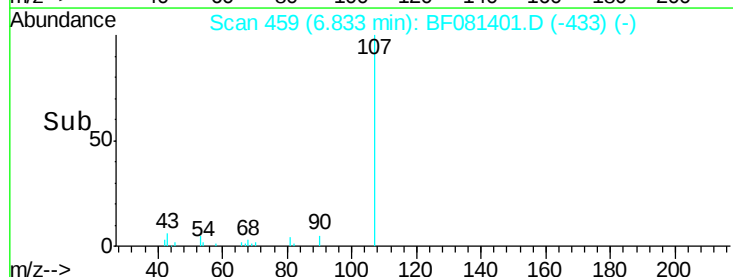
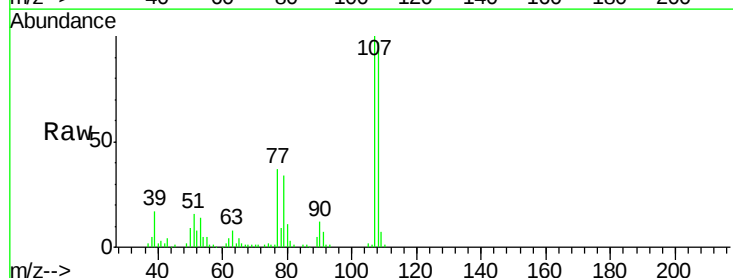
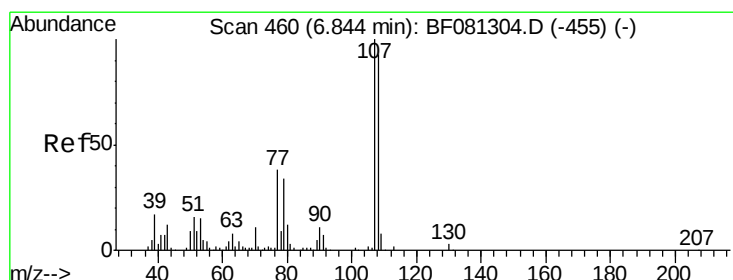
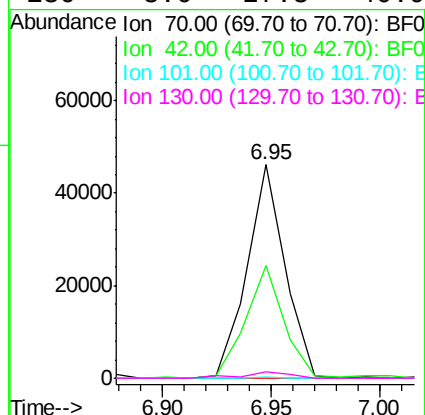
Ion Ratio Lower Upper

70 100

42 52.6 63.8 95.6#

101 0.7 9.2 13.8#

130 3.0 27.3 40.9#



#20

3+4-Methylphenols

Concen: 5.75 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Tgt Ion:107 Resp: 95632

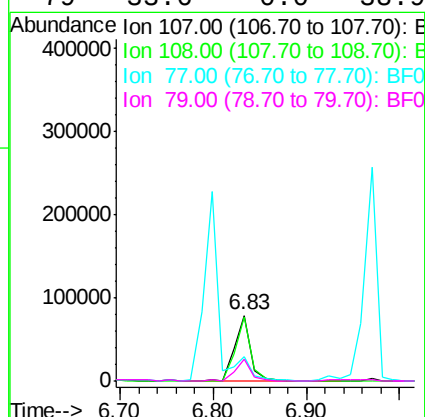
Ion Ratio Lower Upper

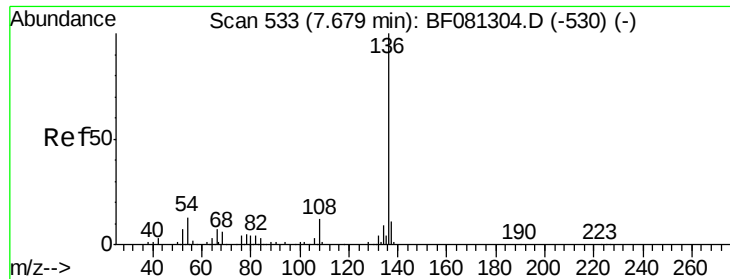
107 100

108 96.9 74.6 114.6

77 37.4 0.7 40.7

79 33.6 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.15 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Instrument :

BNA_F

ClientSampleId :

HX2MSD

Tot Ion:136 Resp: 280

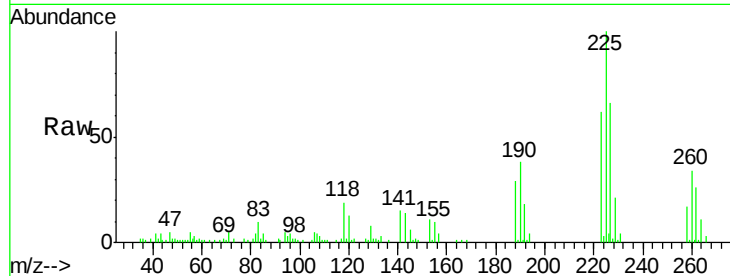
Ion Ratio Lower Upper

136 100

137 0.0 9.0 13.6#

54 104.7 8.2 12.2#

68 0.0 5.8 8.6#

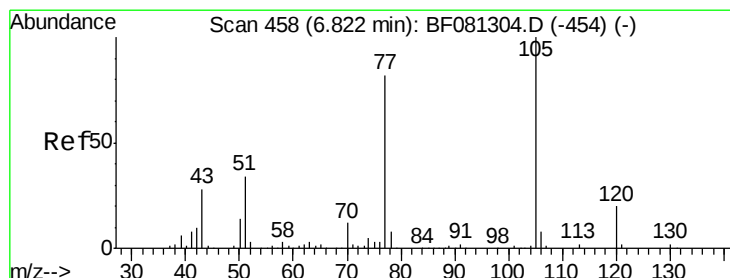
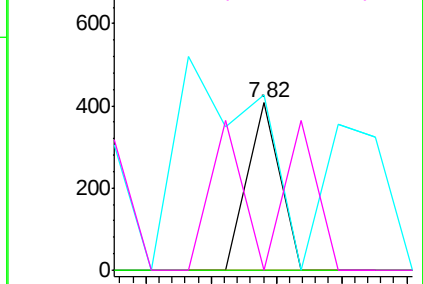
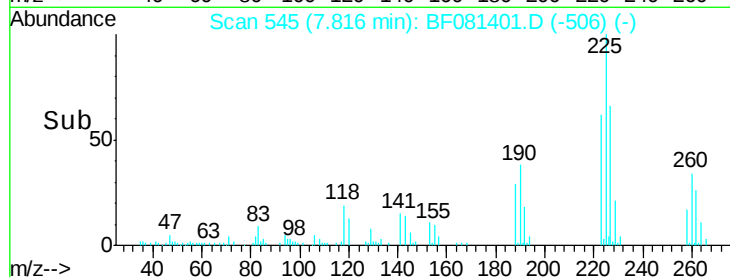


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36769.44 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Tgt Ion:105 Resp: 281207

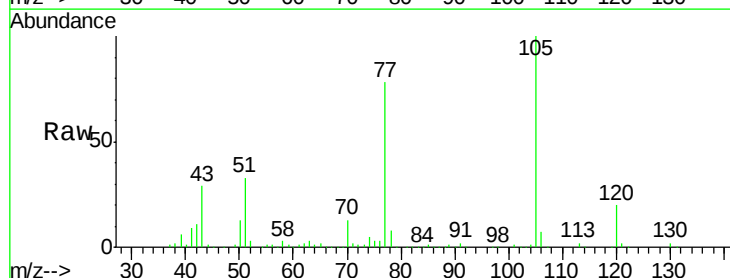
Ion Ratio Lower Upper

105 100

71 2.2 4.7 7.1#

51 33.4 22.0 33.0#

120 20.1 30.1 45.1#

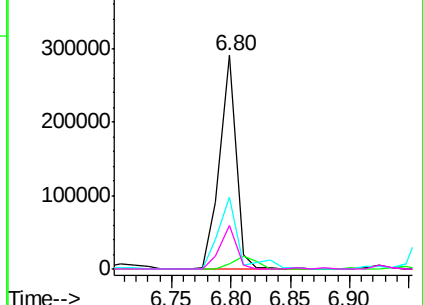
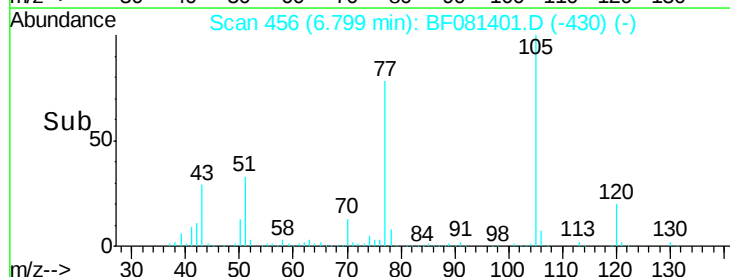


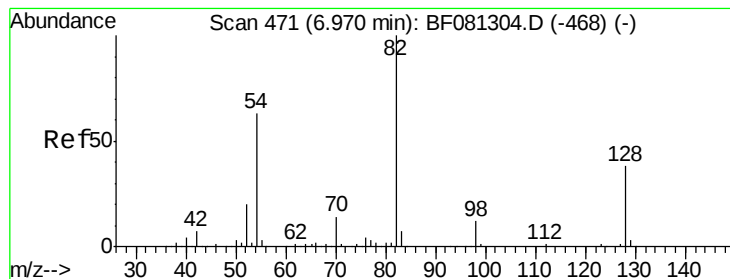
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 60487.94 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.26 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Instrument :

BNA_F

ClientSampleId :

HX2MSD

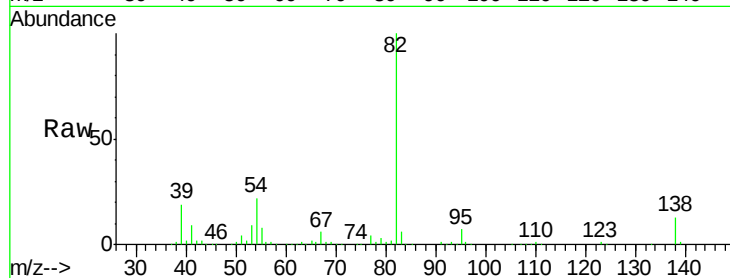
Tot Ion: 82 Resp: 351042

Ion Ratio Lower Upper

82 100

128 0.0 51.0 76.6#

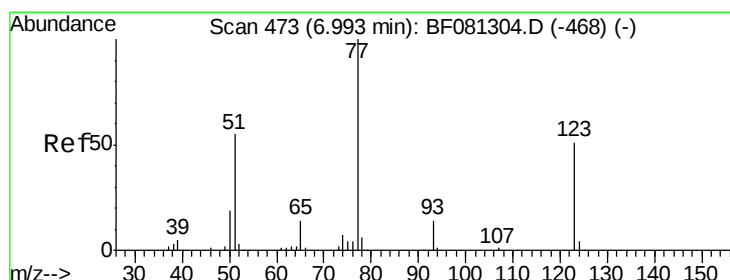
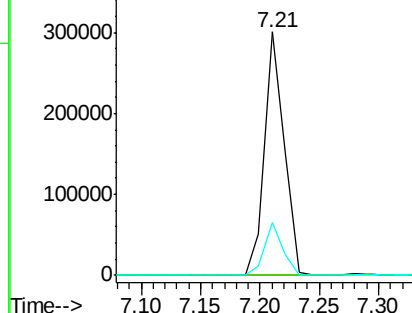
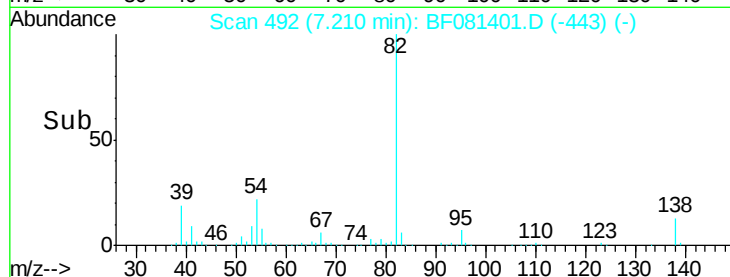
54 21.6 47.5 71.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 3743.96 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.10 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

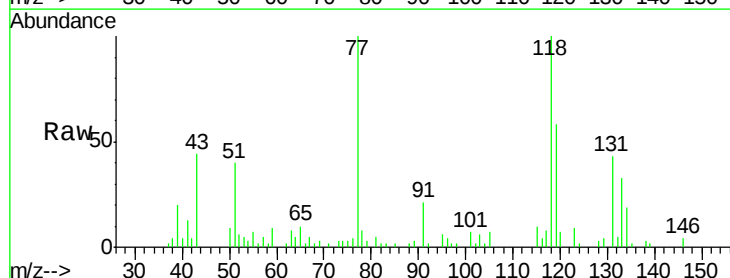
Tgt Ion: 77 Resp: 22564

Ion Ratio Lower Upper

77 100

123 9.1 59.8 89.8#

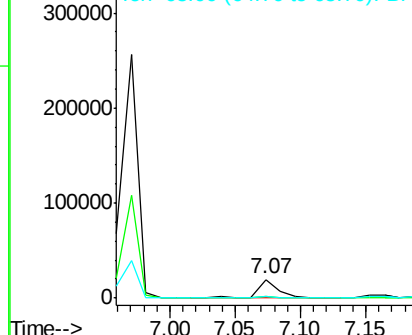
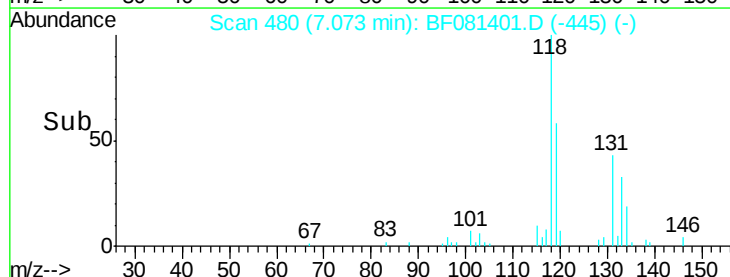
65 10.3 10.2 15.4

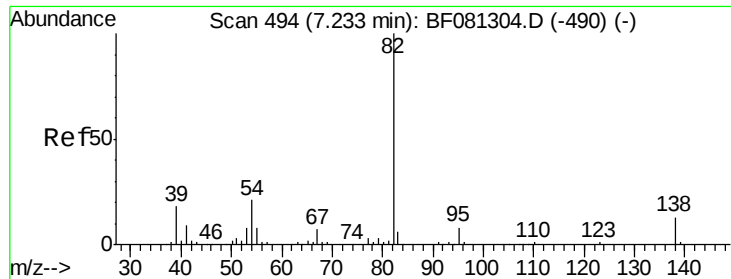


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 32520.08 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Instrument :

BNA_F

ClientSampleId :

HX2MSD

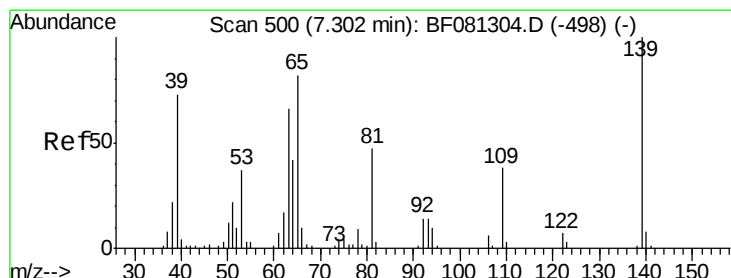
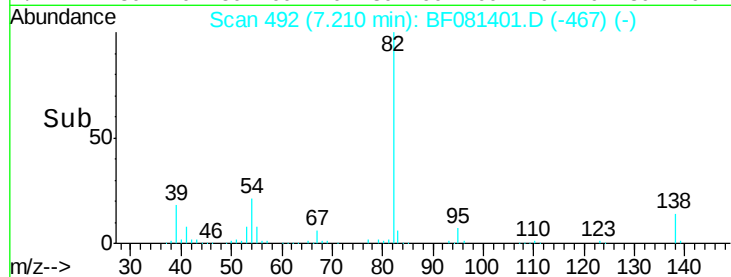
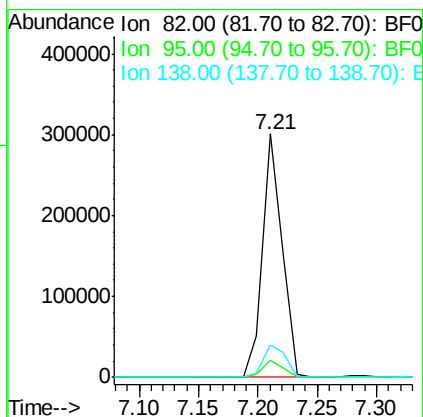
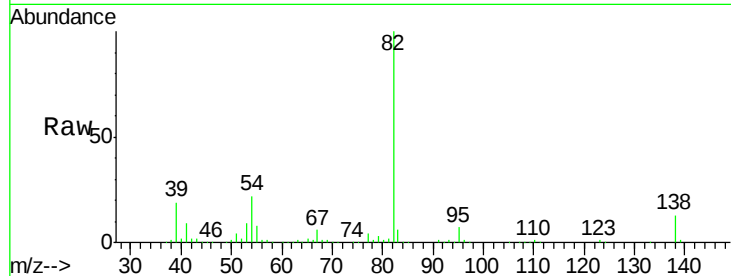
Tot Ion: 82 Resp: 351042

Ion Ratio Lower Upper

82 100

95 7.2 4.0 6.0#

138 13.5 18.3 27.5#



#26

2-Nitrophenol

Concen: 27819.52 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

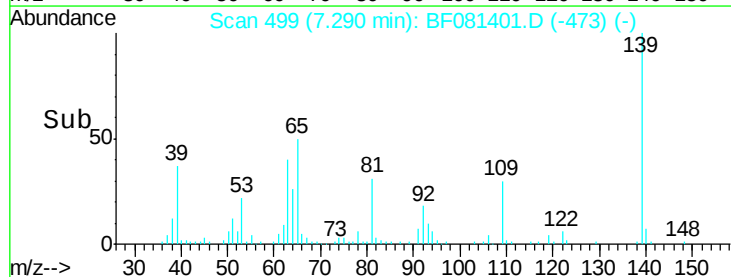
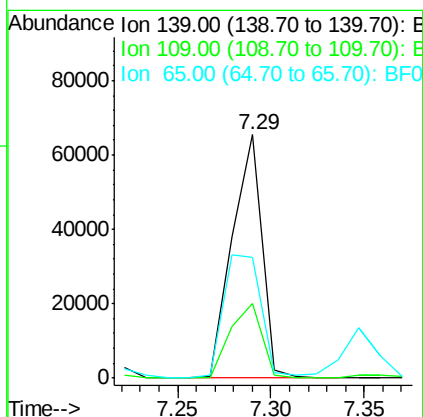
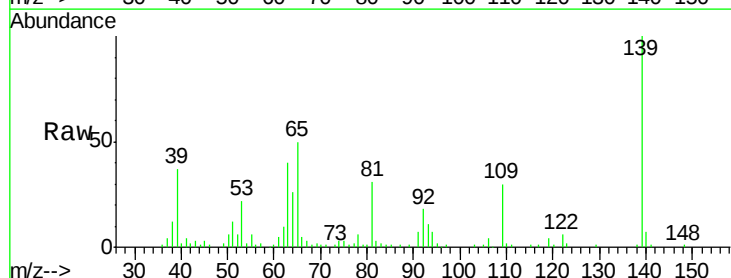
Tgt Ion: 139 Resp: 73076

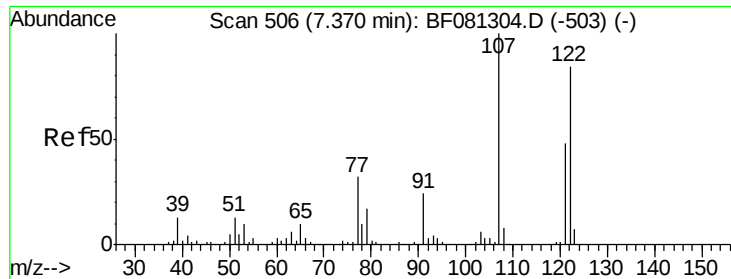
Ion Ratio Lower Upper

139 100

109 30.5 11.0 16.4#

65 49.8 24.7 37.1#

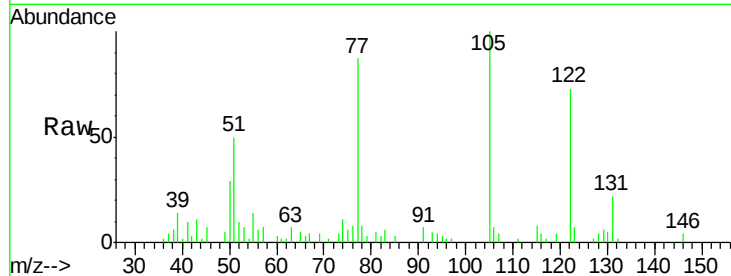




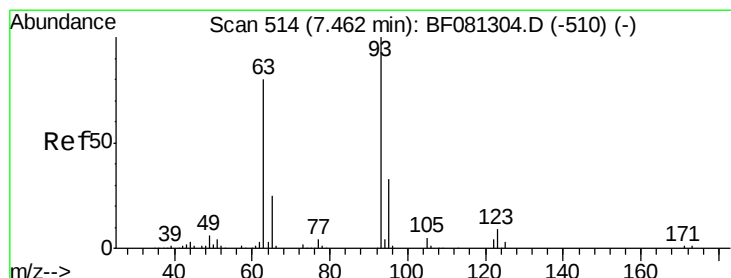
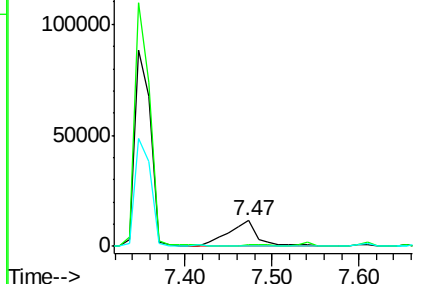
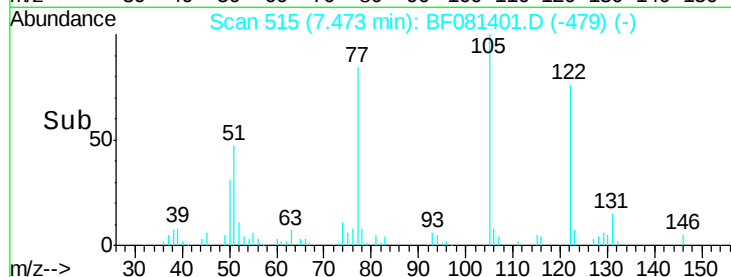
#27
 2,4-Dimethylphenol
 Concen: 6041.72 ng
 RT: 7.47 min Scan# 515
 Delta R.T. 0.11 min
 Lab File: BF081401.D
 Acq: 4 Sep 2015 4:17

Instrument :
 BNA_F
 ClientSampled :
 HX2MSD

Tot Ion:122 Resp: 27411
 Ion Ratio Lower Upper
 122 100
 107 5.6 71.8 107.6#
 121 0.0 42.3 63.5#

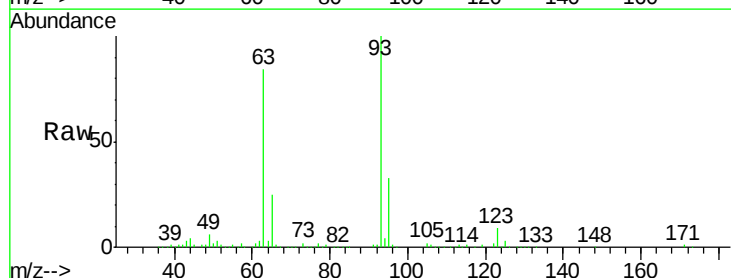


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

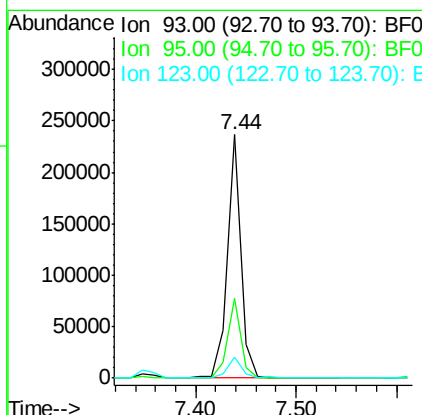
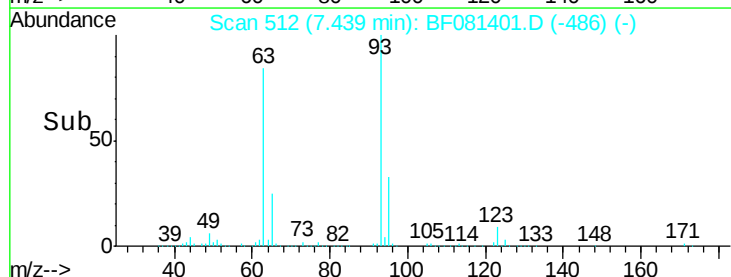


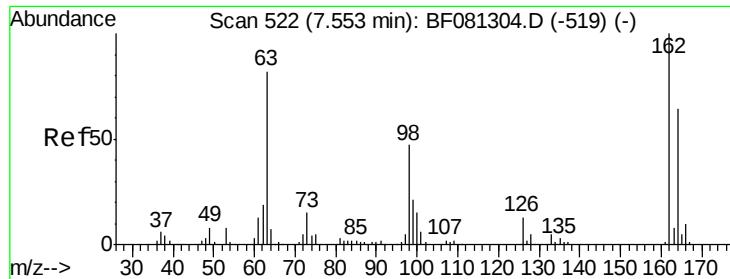
#28
 bis(2-Chloroethoxy)methane
 Concen: 35393.42 ng
 RT: 7.44 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF081401.D
 Acq: 4 Sep 2015 4:17

Tgt Ion: 93 Resp: 220685
 Ion Ratio Lower Upper
 93 100
 95 32.7 27.5 41.3
 123 8.6 13.7 20.5#



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

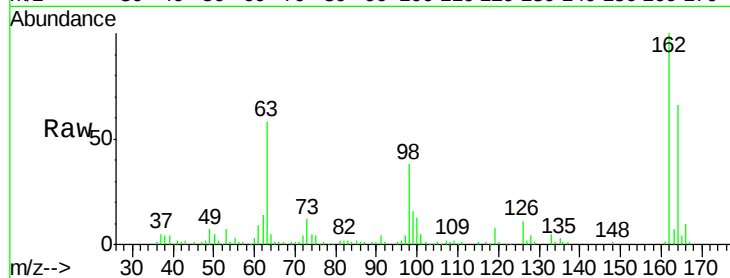




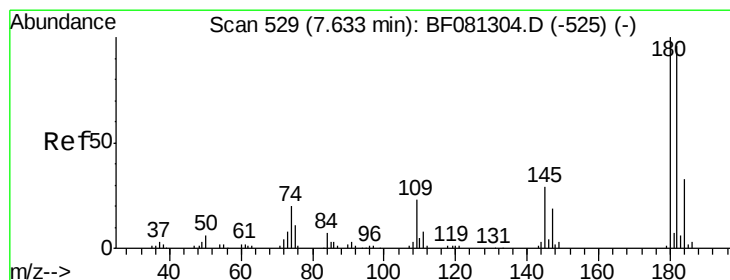
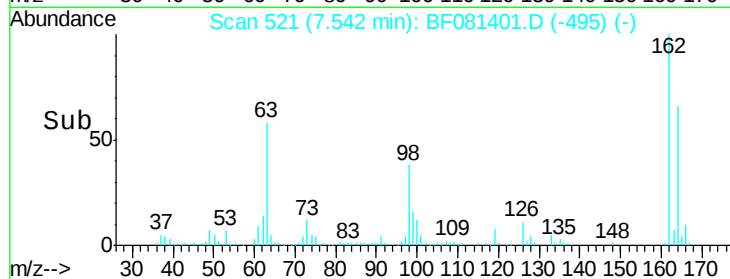
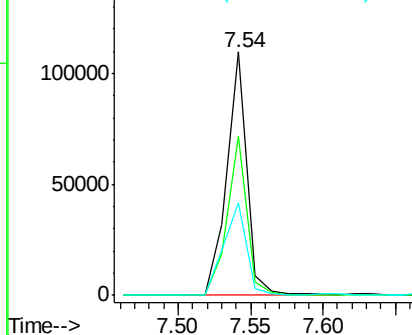
#29
 2,4-Dichlorophenol
 Concen: 26979.60 ng
 RT: 7.54 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF081401.D
 Acq: 4 Sep 2015 4:17

Instrument :
 BNA_F
 ClientSampleId :
 HX2MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.9	84.9
98	38.0	13.0	53.0

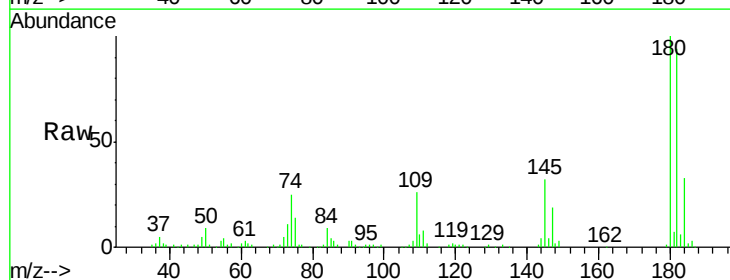


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

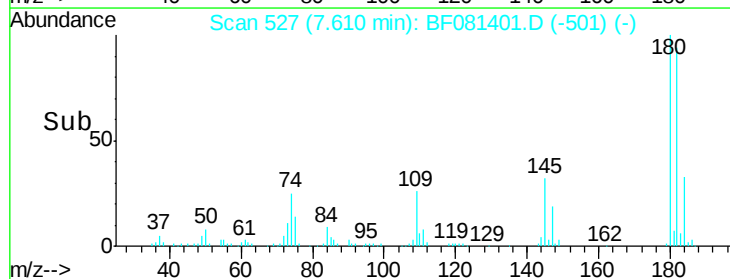
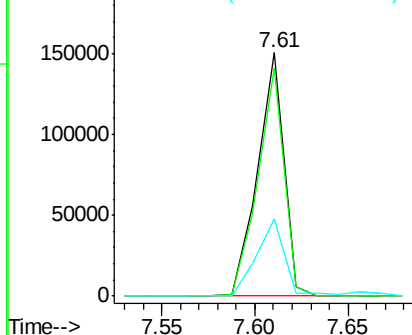


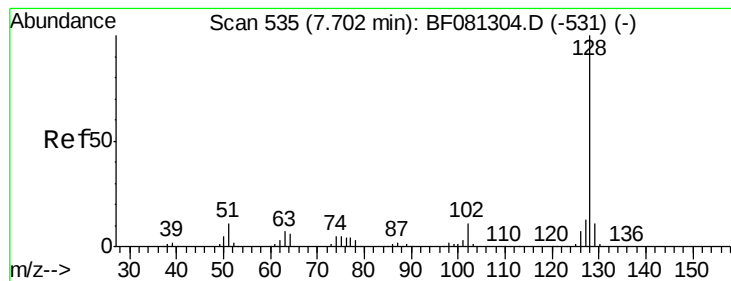
#30
 1,2,4-Trichlorobenzene
 Concen: 34228.20 ng
 RT: 7.61 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF081401.D
 Acq: 4 Sep 2015 4:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.1	115.7
145	31.6	23.3	34.9



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





#31

Naphthalene

Concen: 31744.31 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Instrument :

BNA_F

ClientSampleId :

HX2MSD

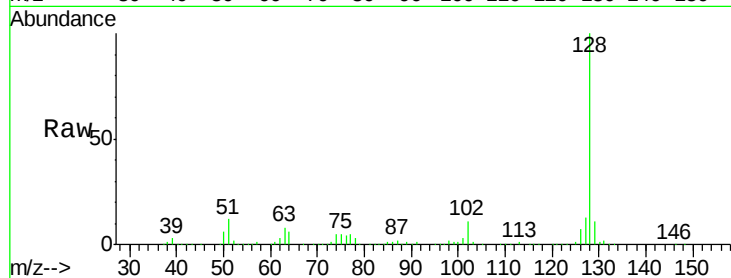
Tot Ion:128 Resp: 474030

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

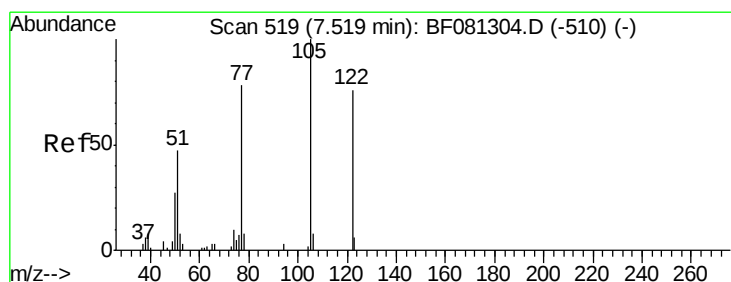
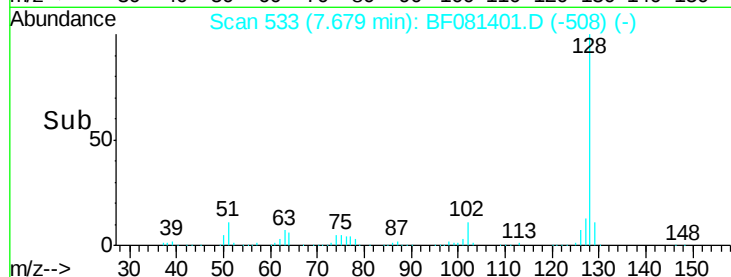
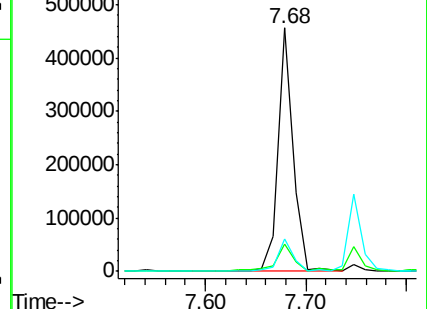
127 13.4 9.9 14.9



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: 978.50 ng

RT: 7.80 min Scan# 544

Delta R.T. 0.30 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

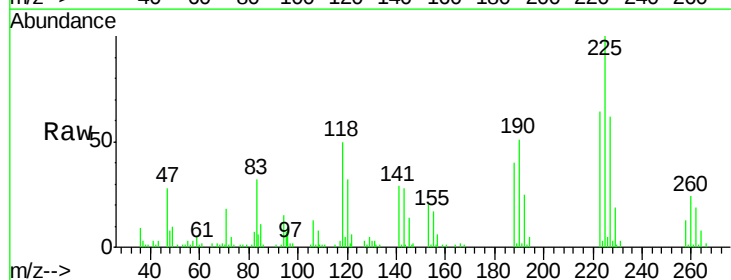
Tgt Ion:122 Resp: 3338

Ion Ratio Lower Upper

122 100

105 20.0 76.1 116.1#

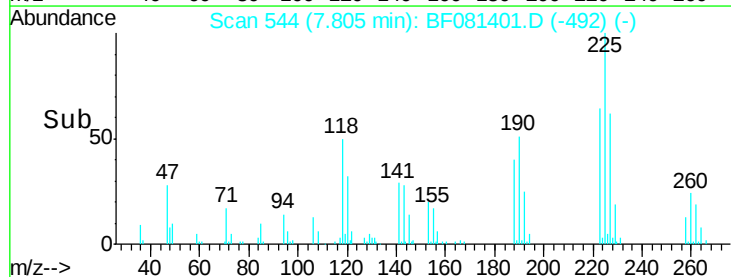
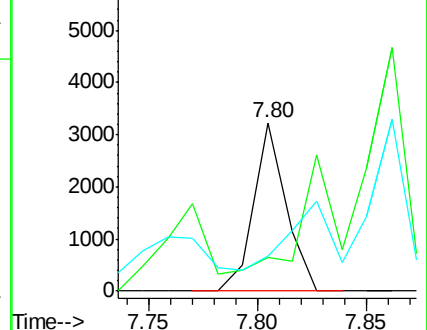
77 20.8 40.5 80.5#

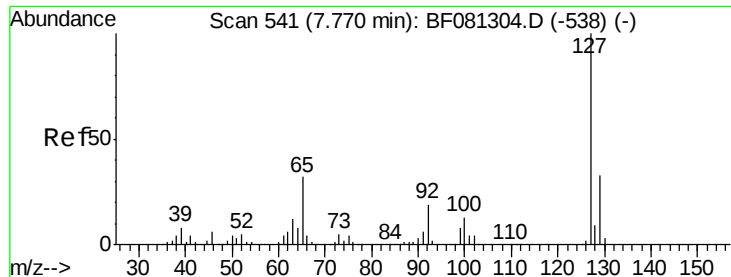


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

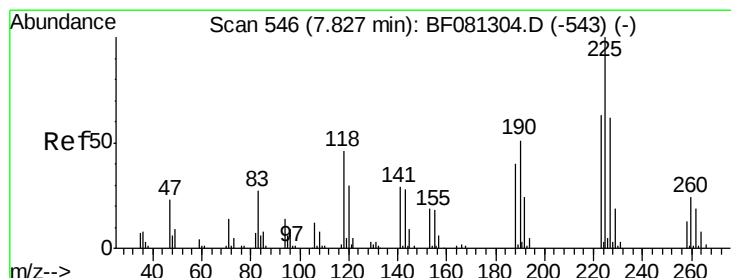
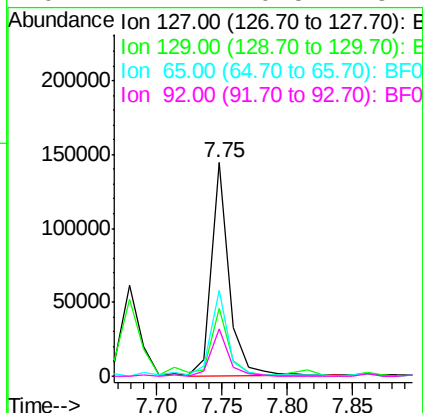
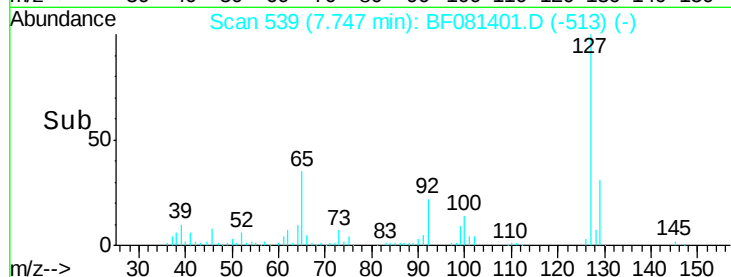
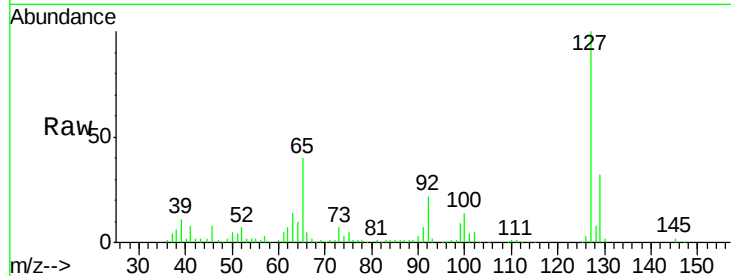




#33
4-Chloroaniline
Concen: 22307.57 ng
RT: 7.75 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF081401.D
Acq: 4 Sep 2015 4:17

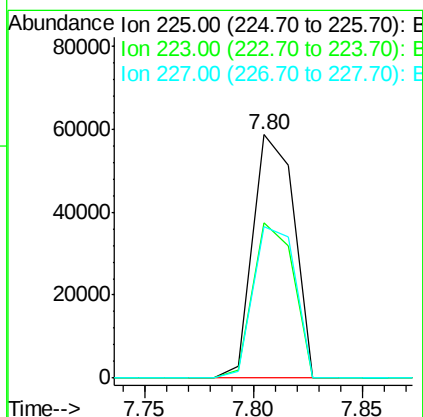
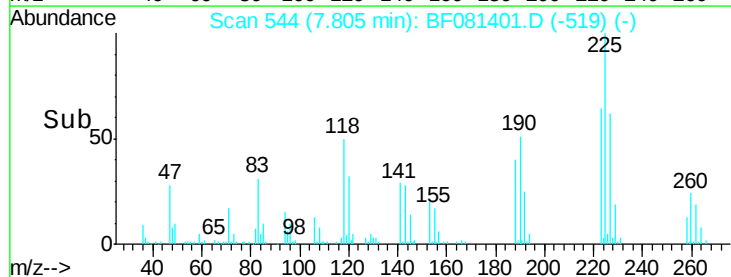
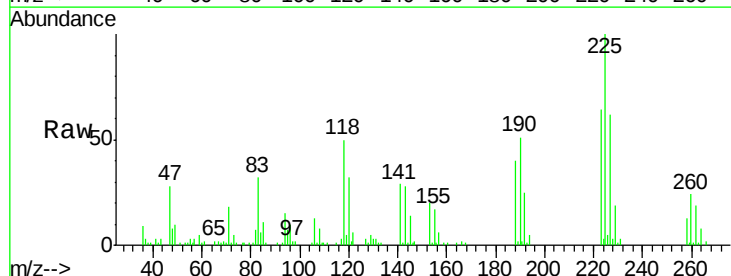
Instrument :
BNA_F
ClientSampleId :
HX2MSD

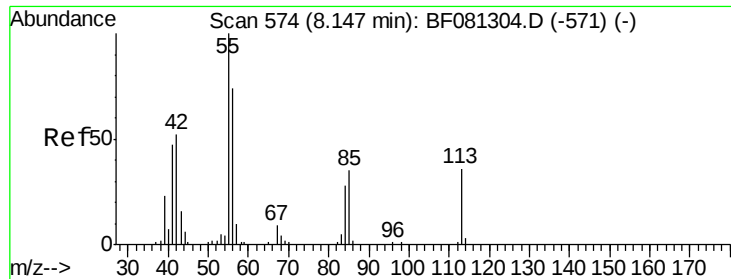
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.6
65	40.1	17.9	26.9
92	22.2	10.5	15.7



#34
Hexachlorobutadiene
Concen: 29761.59 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF081401.D
Acq: 4 Sep 2015 4:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.2	75.2
227	62.1	52.2	78.2





#35

Caprolactam

Concen: 9034.29 ng

RT: 8.34 min Scan# 591

Delta R.T. 0.19 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Instrument :

BNA_F

ClientSampleId :

HX2MSD

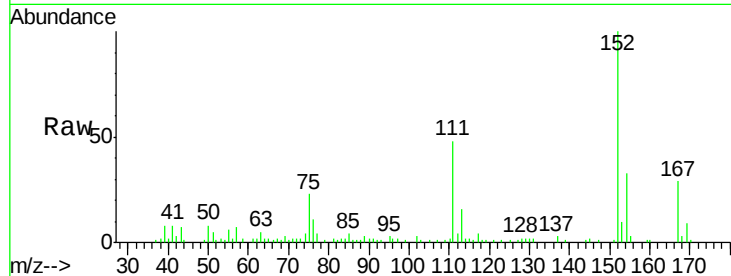
Tot Ion:113 Resp: 10901

Ion Ratio Lower Upper

113 100

55 38.3 152.4 192.4#

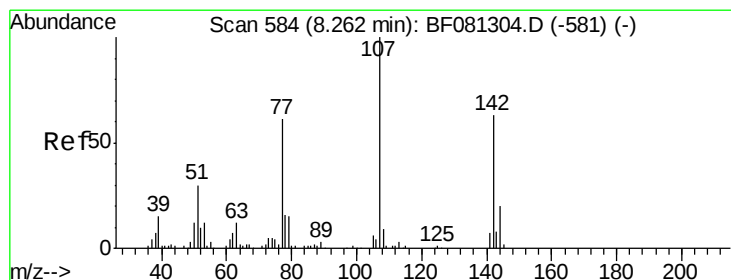
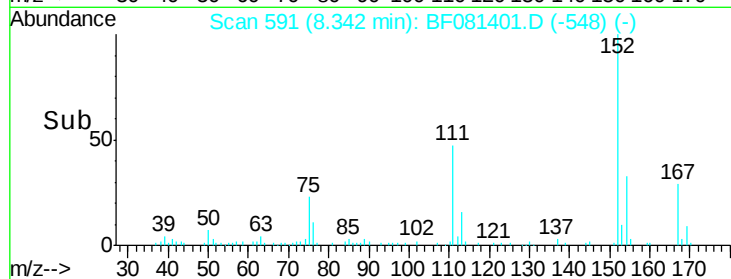
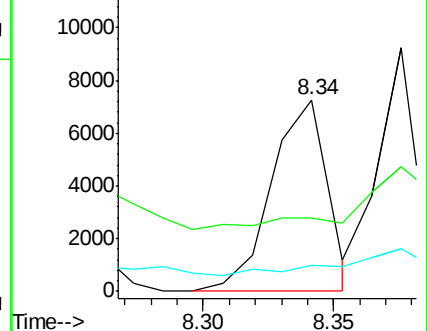
56 13.5 104.6 144.6#



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: 1378.85 ng

RT: 8.42 min Scan# 598

Delta R.T. 0.16 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

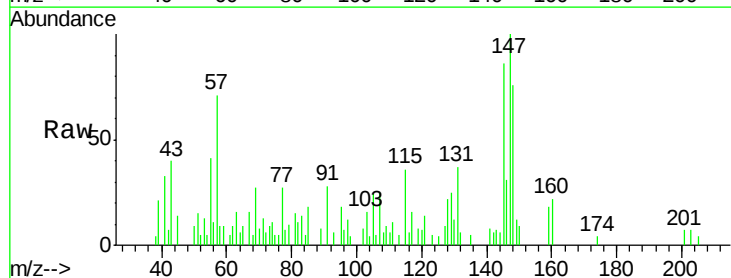
Tgt Ion:107 Resp: 6072

Ion Ratio Lower Upper

107 100

144 22.6 25.4 38.0#

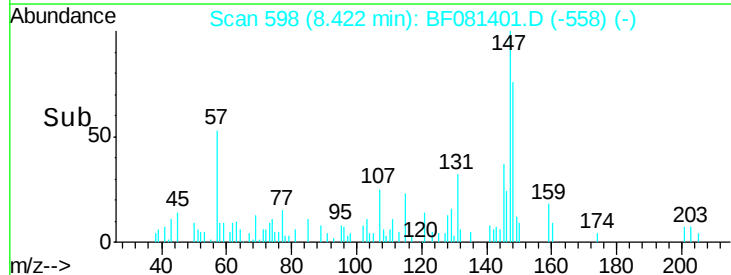
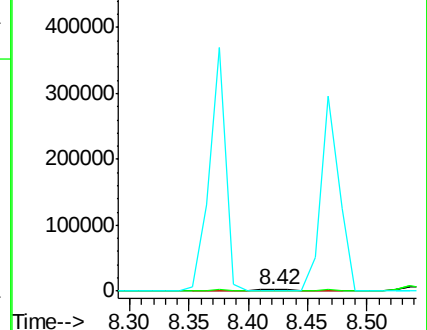
142 23.0 77.3 115.9#

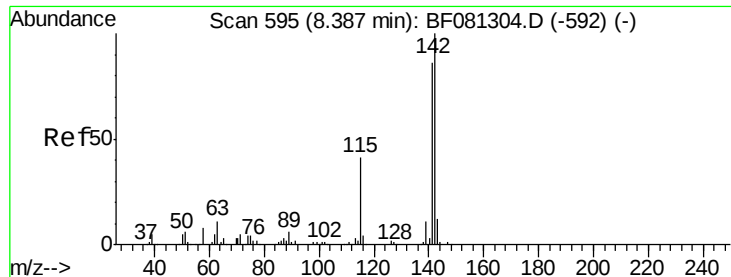


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

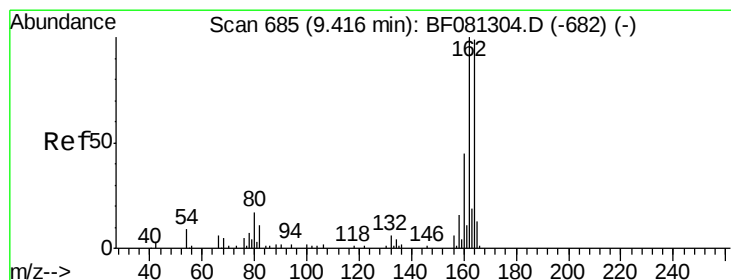
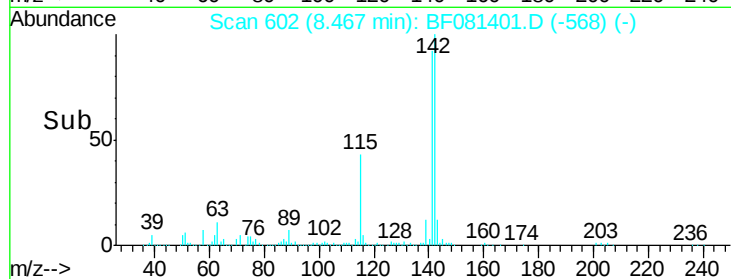
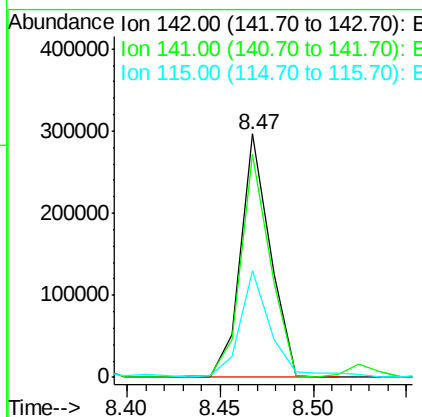
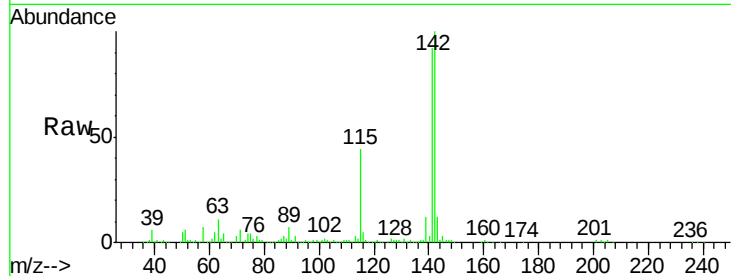




#37
2-Methylnaphthalene
Concen: 33454.90 ng
RT: 8.47 min Scan# 602
Delta R.T. 0.09 min
Lab File: BF081401.D
Acq: 4 Sep 2015 4:17

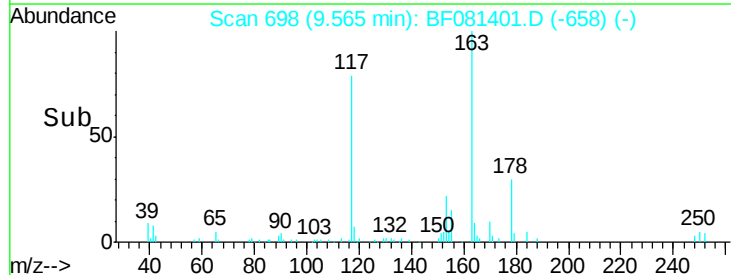
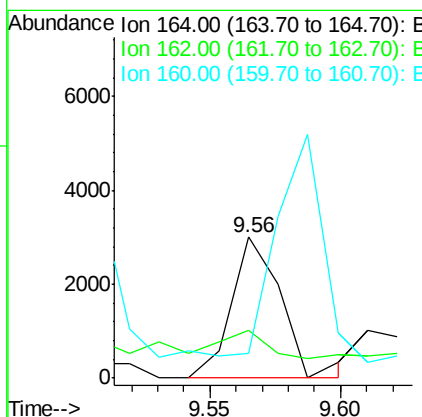
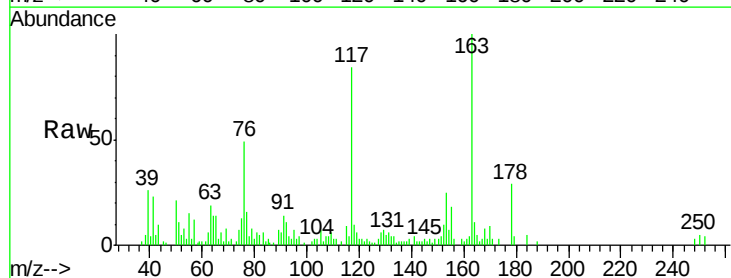
Instrument :
BNA_F
ClientSampleId :
HX2MSD

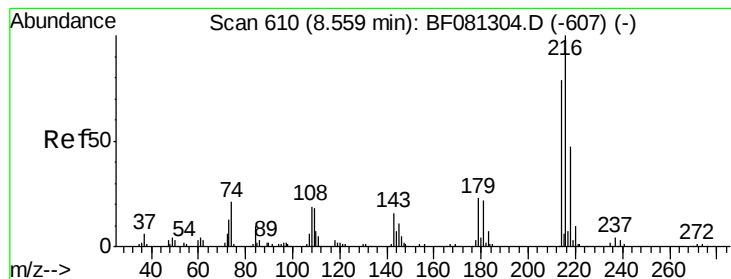
Tot Ion:142 Resp: 325102
Ion Ratio Lower Upper
142 100
141 91.6 67.5 101.3
115 43.6 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 698
Delta R.T. 0.16 min
Lab File: BF081401.D
Acq: 4 Sep 2015 4:17

Tgt Ion:164 Resp: 4072
Ion Ratio Lower Upper
164 100
162 34.4 75.2 112.8#
160 17.4 31.5 47.3#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 1028.24 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Instrument :

BNA_F

ClientSampleId :

HX2MSD

Tot Ion:216 Resp: 132415

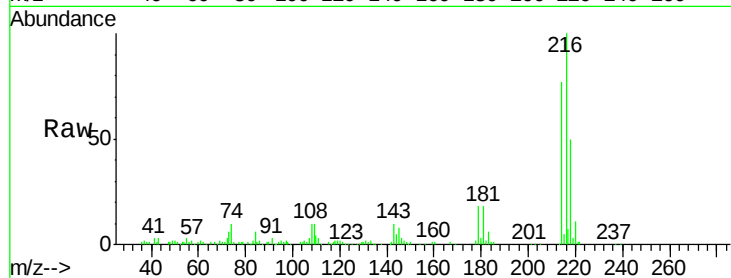
Ion Ratio Lower Upper

216 100

214 79.6 63.5 95.3

179 21.6 16.6 24.8

108 22.3 16.3 24.5

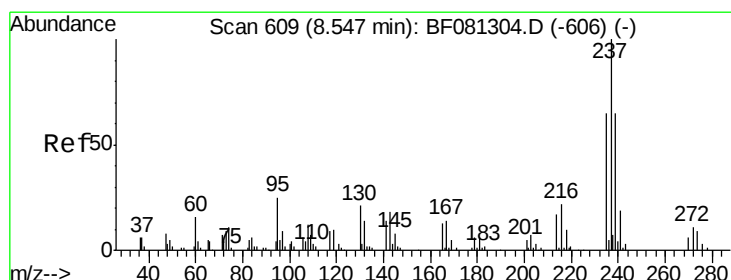
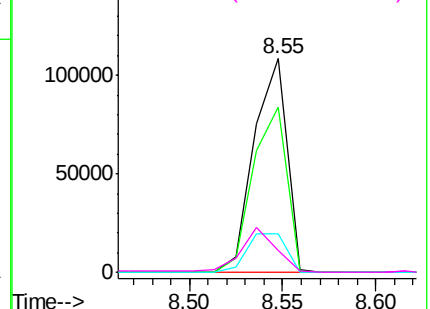
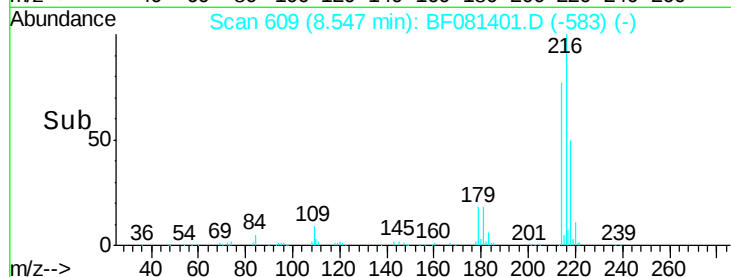


Abundance Ion 216.00 (215.70 to 216.70): E

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: 2038.10 ng

RT: 8.54 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

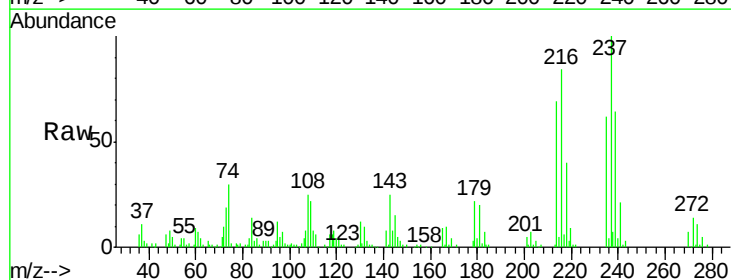
Tgt Ion:237 Resp: 128806

Ion Ratio Lower Upper

237 100

235 61.9 42.0 82.0

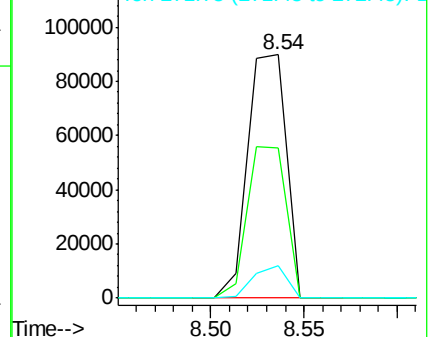
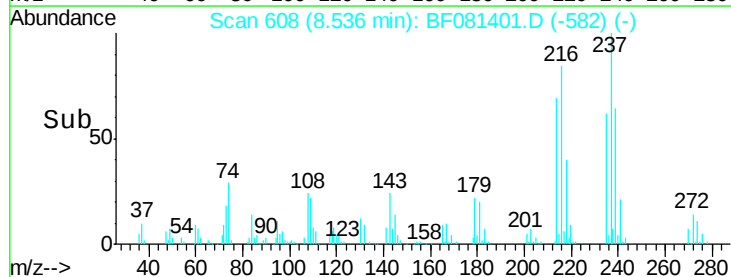
272 13.5 0.0 36.1

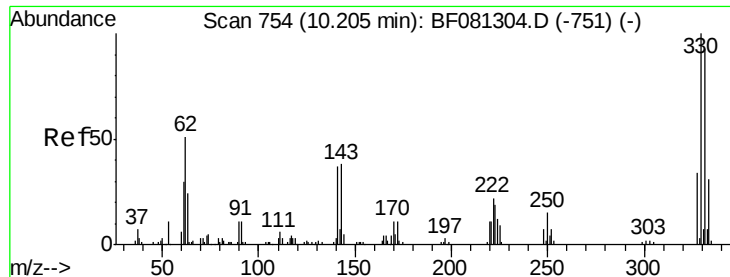


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

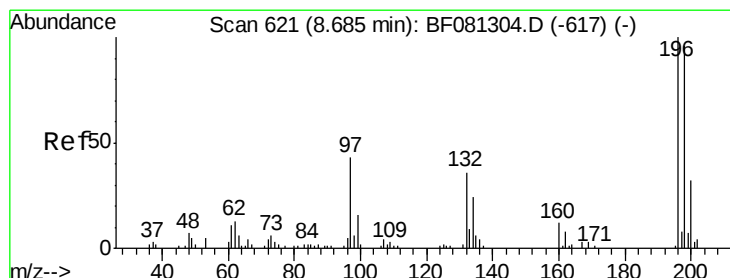
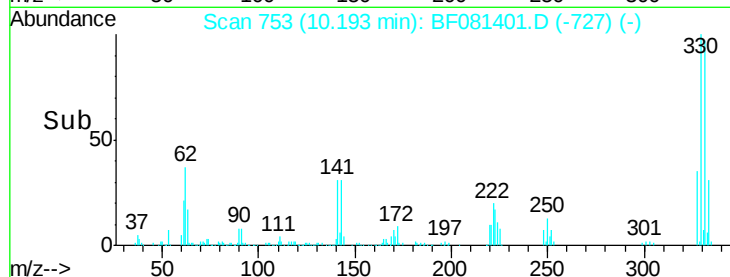
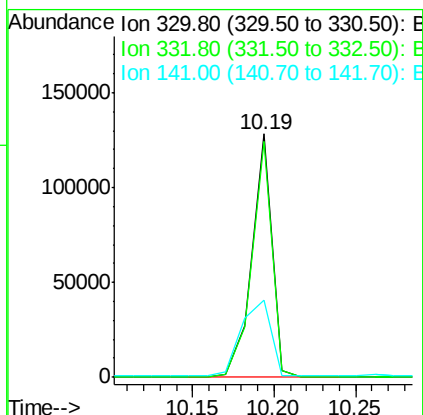
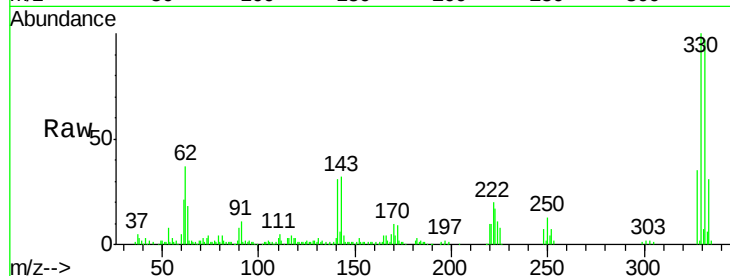




#41
 2,4,6-Tribromophenol
 Concen: 3048.75 ng
 RT: 10.19 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF081401.D
 Acq: 4 Sep 2015 4:17

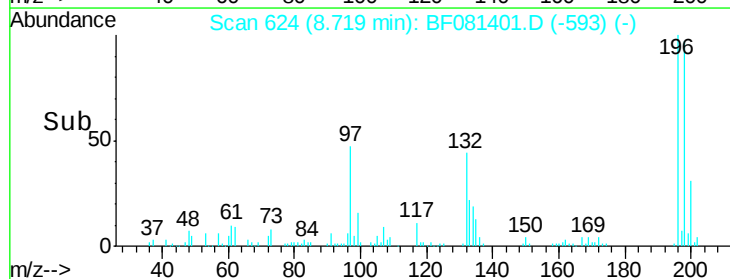
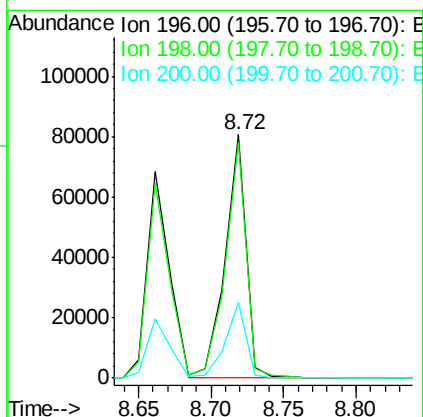
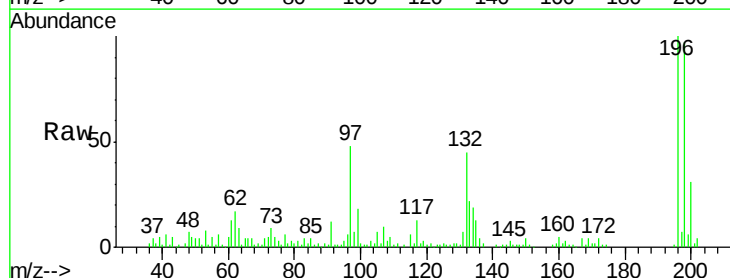
Instrument :
 BNA_F
 ClientSampleId :
 HX2MSD

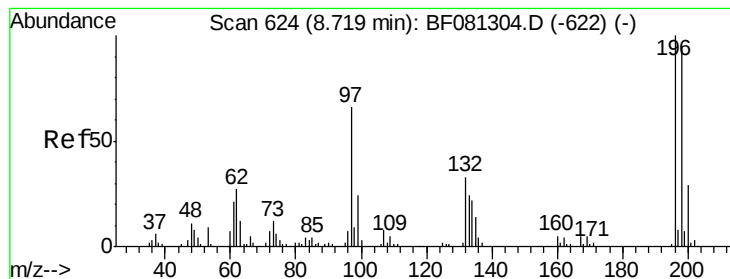
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	45.6	29.7	44.5#



#42
 2,4,6-Trichlorophenol
 Concen: 908.89 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.06 min
 Lab File: BF081401.D
 Acq: 4 Sep 2015 4:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	75.7	113.5
200	31.3	23.9	35.9

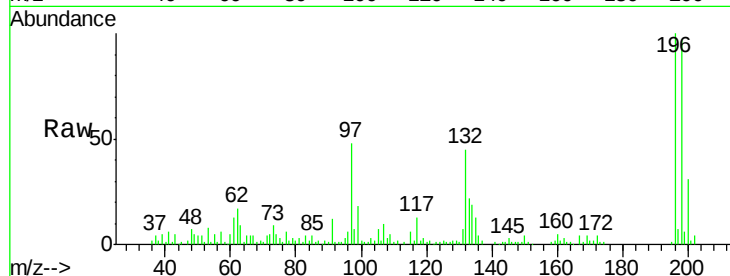




#43
 2,4,5-Trichlorophenol
 Concen: 890.91 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081401.D
 Acq: 4 Sep 2015 4:17

Instrument :
 BNA_F
 ClientSampleId :
 HX2MSD

Tot Ion	196	Resp	80778
Ion Ratio	Lower	Upper	
196	100		
198	96.9	75.4	113.0
97	48.4	33.3	49.9
132	44.6	24.6	37.0



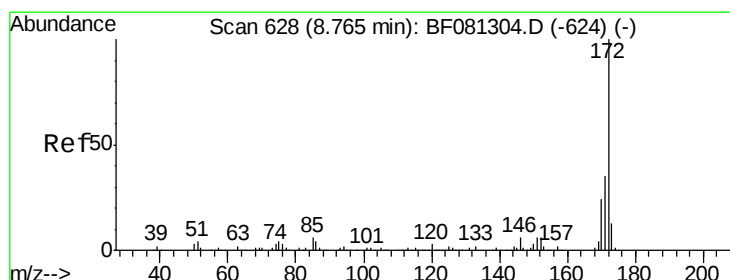
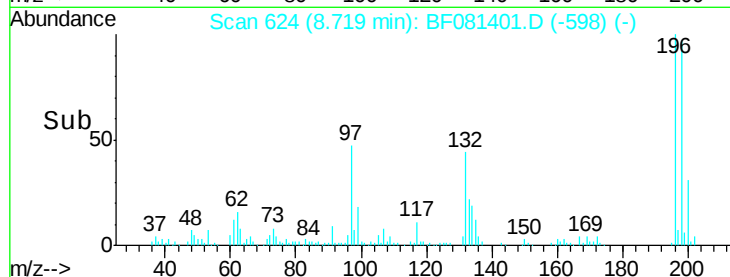
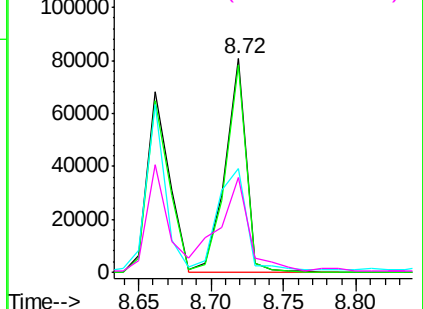
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

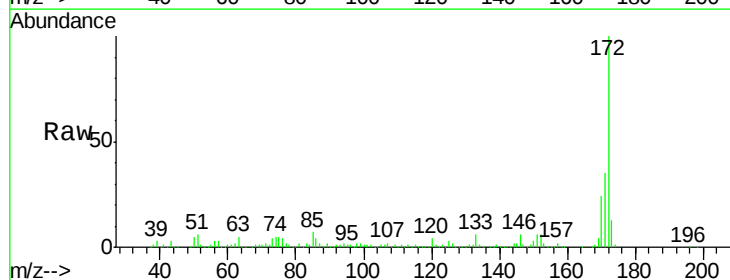
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 2113.43 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081401.D
 Acq: 4 Sep 2015 4:17

Tgt Ion	172	Resp	671555
Ion Ratio	Lower	Upper	
172	100		
171	35.3	26.1	39.1
170	23.8	17.4	26.2

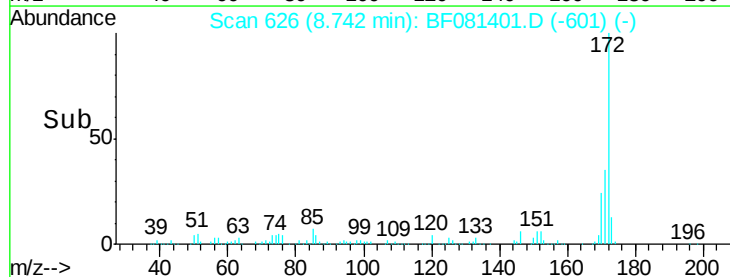
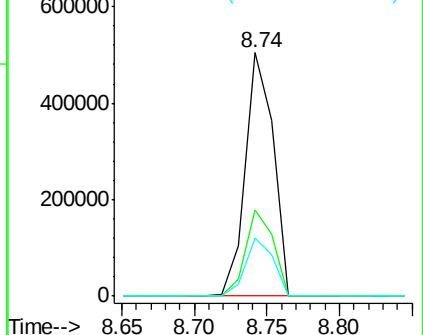


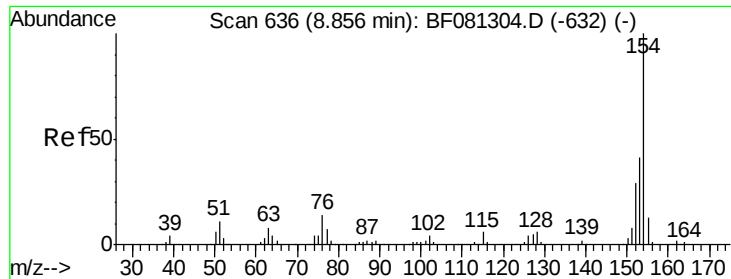
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 1113.54 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Instrument :

BNA_F

ClientSampleId :

HX2MSD

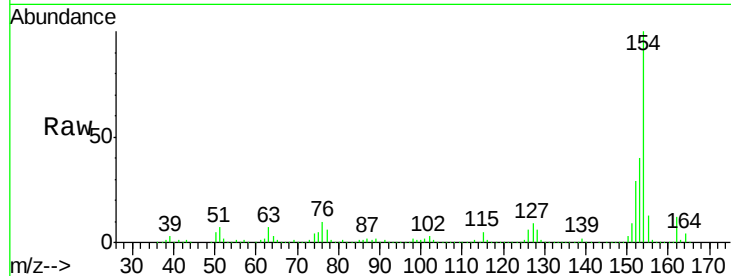
Tot Ion:154 Resp: 417162

Ion Ratio Lower Upper

154 100

153 40.3 17.1 57.1

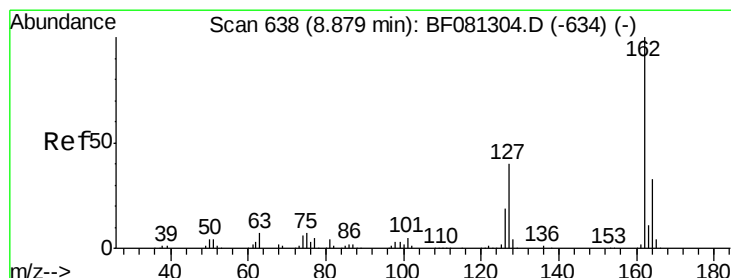
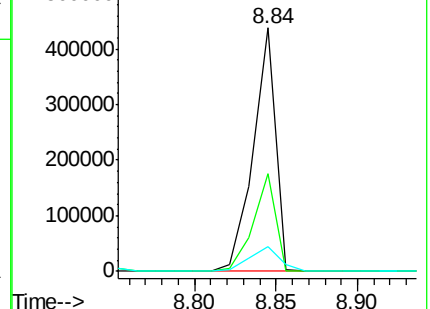
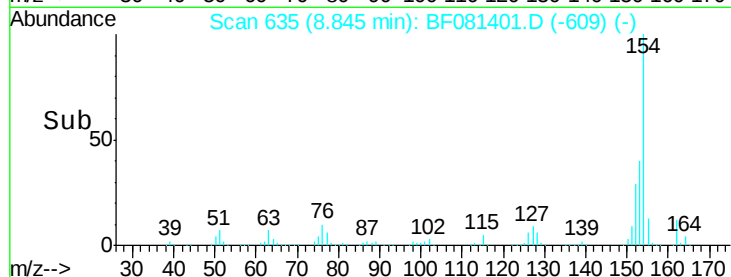
76 9.9 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 1020.65 ng

RT: 8.86 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

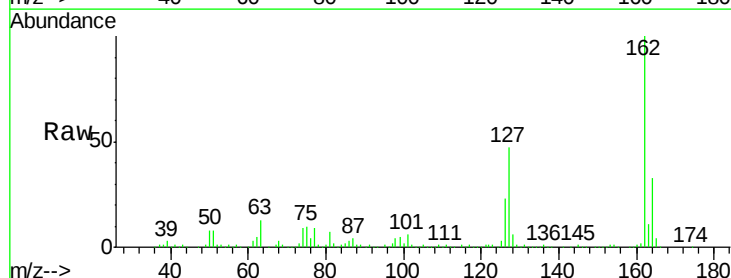
Tgt Ion:162 Resp: 276130

Ion Ratio Lower Upper

162 100

127 47.2 27.6 41.4#

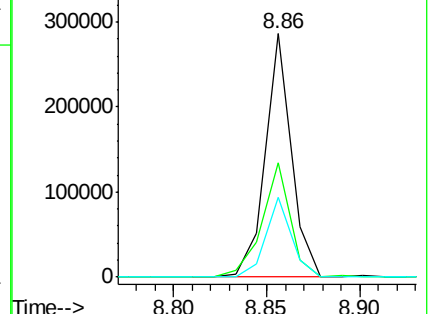
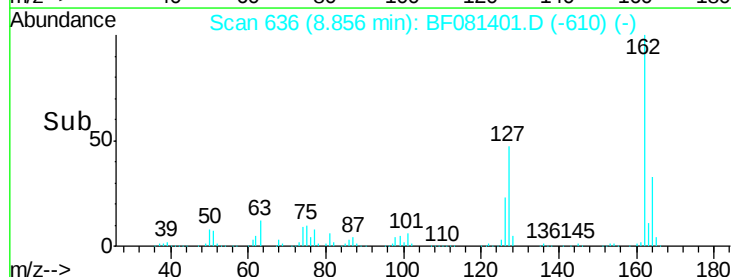
164 32.8 25.4 38.2

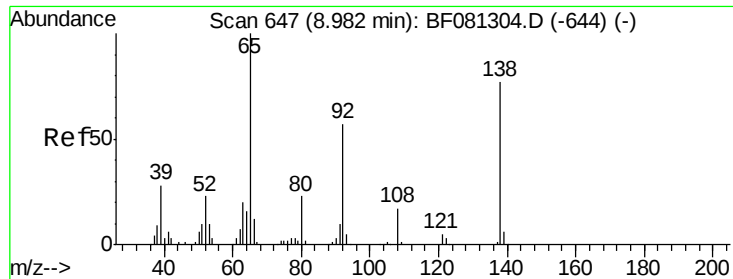


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

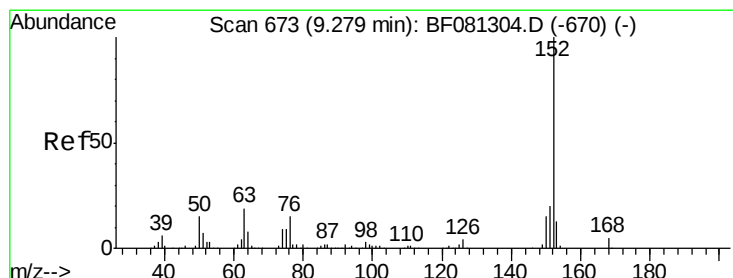
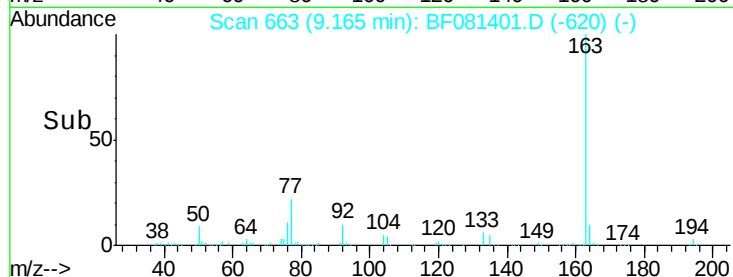
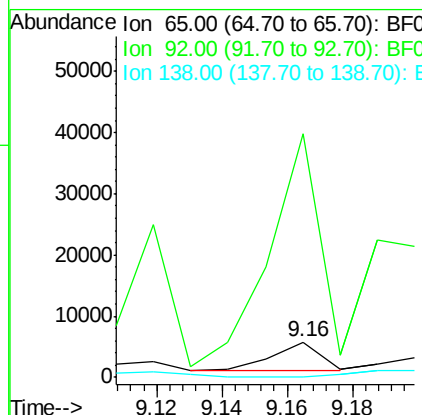
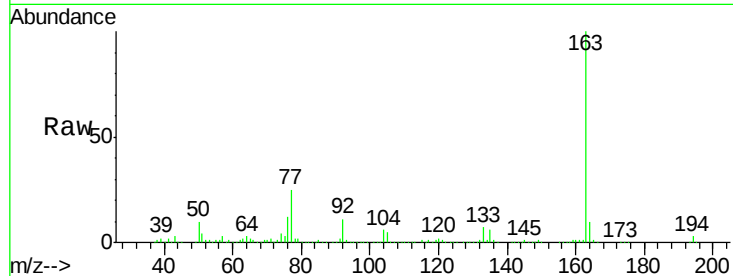




#47
2-Nitroaniline
Concen: 45.46 ng
RT: 9.16 min Scan# 663
Delta R.T. 0.19 min
Lab File: BF081401.D
Acq: 4 Sep 2015 4:17

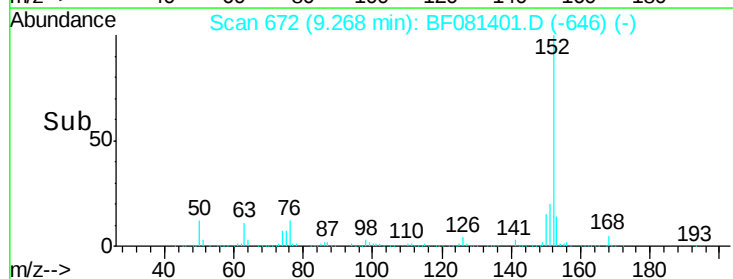
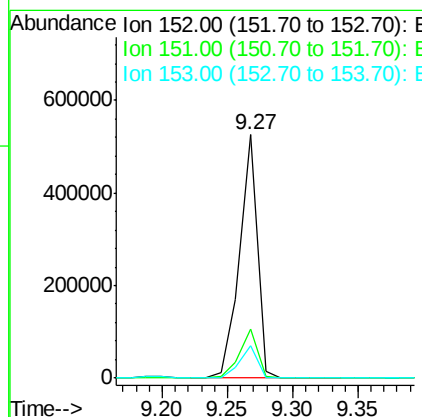
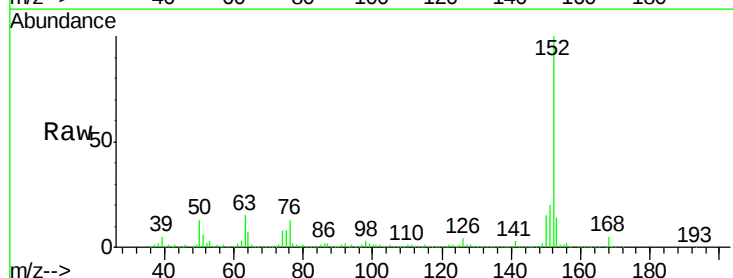
Instrument :
BNA_F
ClientSampleId :
HX2MSD

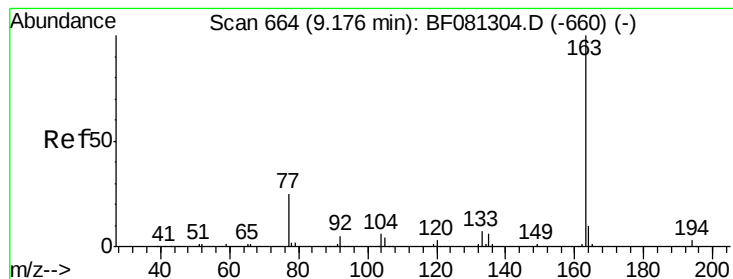
Tot Ion: 65 Resp: 5013
Ion Ratio Lower Upper
65 100
92 687.5 55.4 83.0#
138 0.0 115.5 173.3#



#48
Acenaphthylene
Concen: 1036.63 ng
RT: 9.27 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF081401.D
Acq: 4 Sep 2015 4:17

Tgt Ion: 152 Resp: 497538
Ion Ratio Lower Upper
152 100
151 20.4 14.6 22.0
153 13.6 10.3 15.5





#49

Dimethylphthalate

Concen: 1190.69 ng

RT: 9.16 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Instrument :

BNA_F

ClientSampleId :

HX2MSD

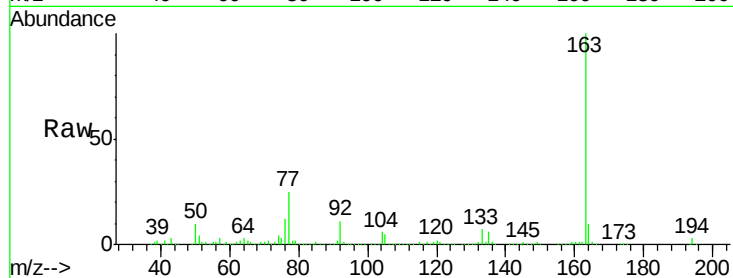
Tot Ion:163 Resp: 376706

Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

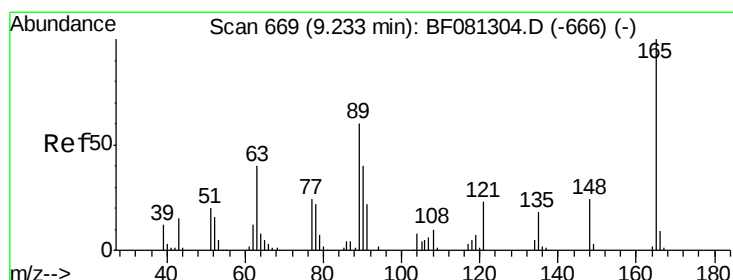
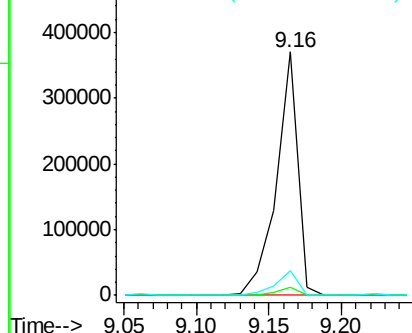
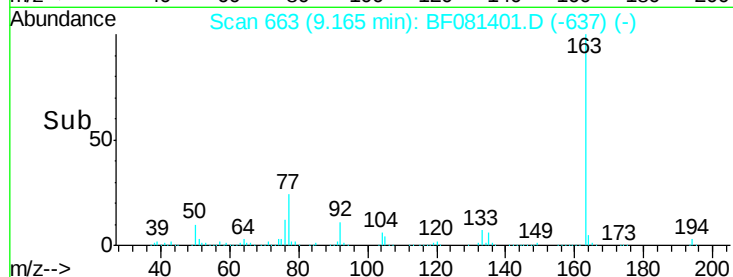
164 10.1 8.3 12.5



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: 1129.04 ng

RT: 9.22 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

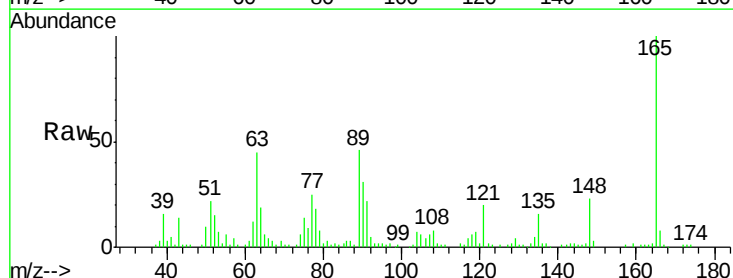
Tgt Ion:165 Resp: 81071

Ion Ratio Lower Upper

165 100

63 44.5 32.3 48.5

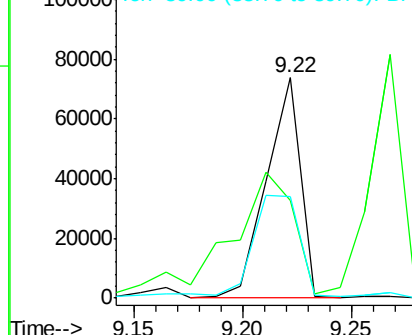
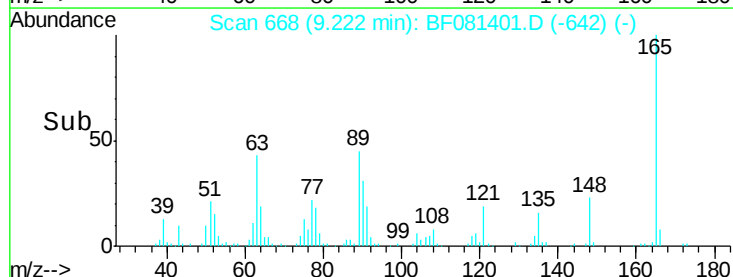
89 46.1 28.6 43.0#

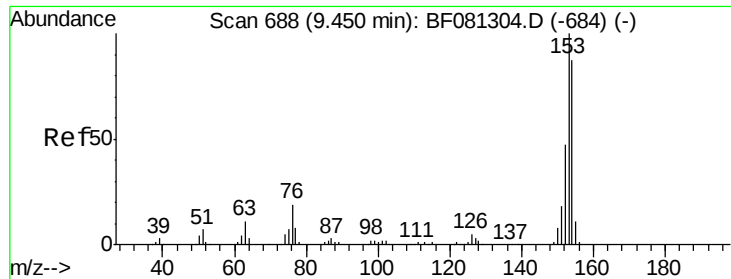


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 1182.76 ng

RT: 9.44 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Instrument :

BNA_F

ClientSampleId :

HX2MSD

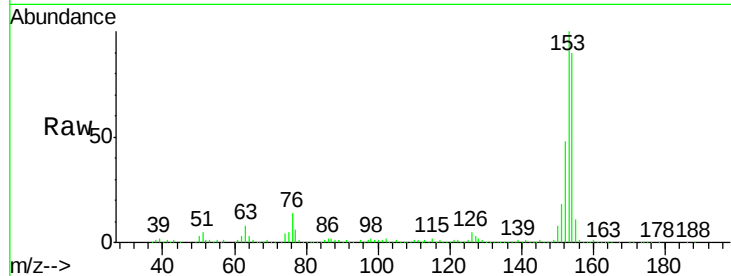
Tot Ion:154 Resp: 322943

Ion Ratio Lower Upper

154 100

153 111.2 82.1 123.1

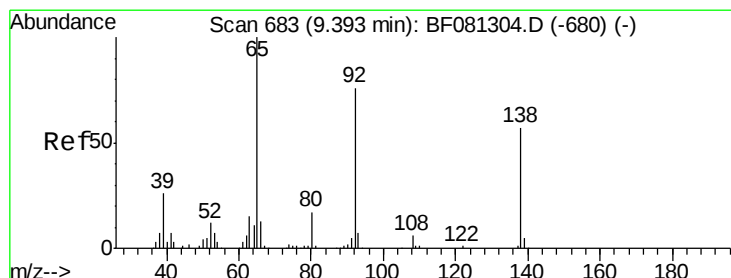
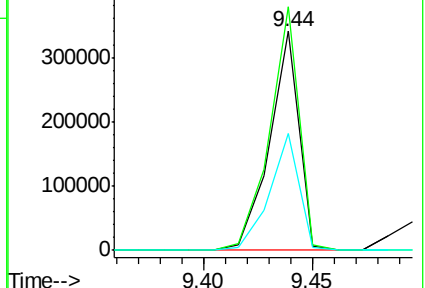
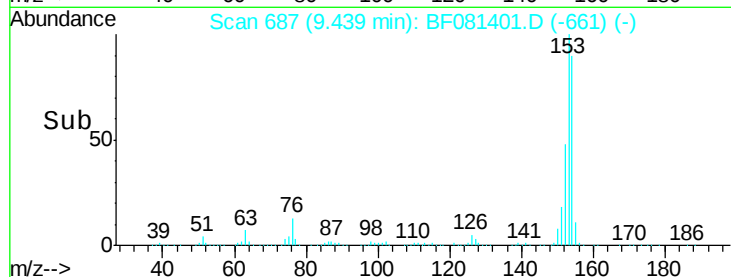
152 53.3 37.9 56.9



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: 26.63 ng

RT: 9.50 min Scan# 692

Delta R.T. 0.11 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

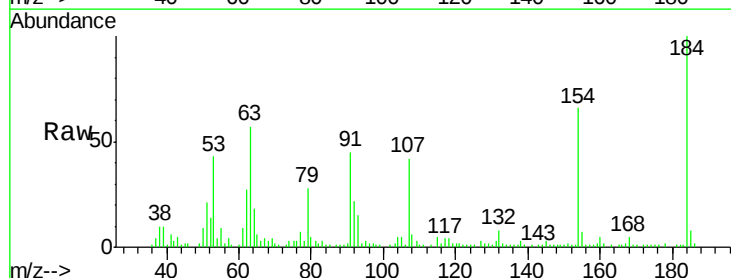
Tgt Ion:138 Resp: 2177

Ion Ratio Lower Upper

138 100

108 175.9 5.7 8.5#

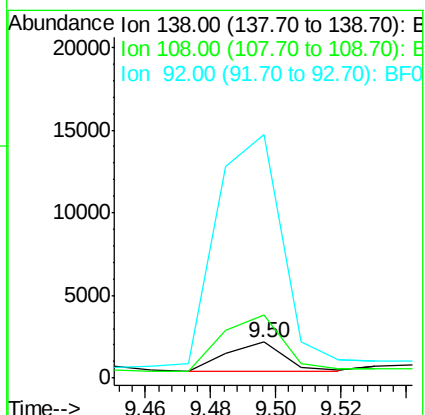
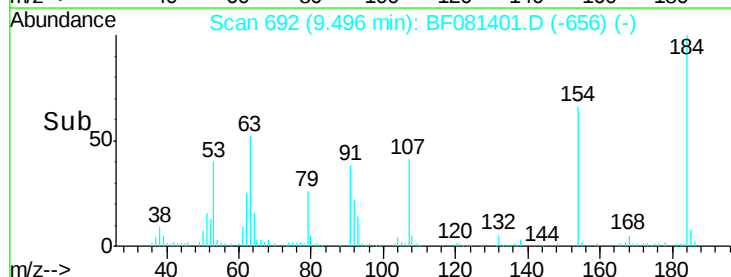
92 676.7 67.7 101.5#

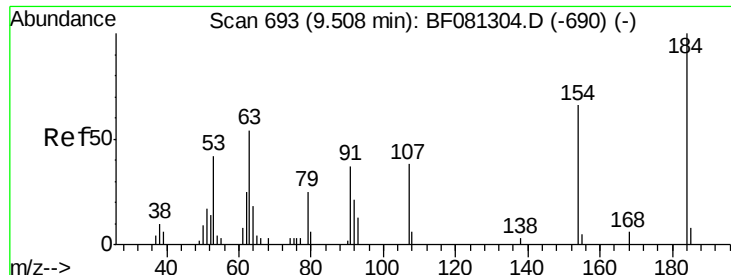


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

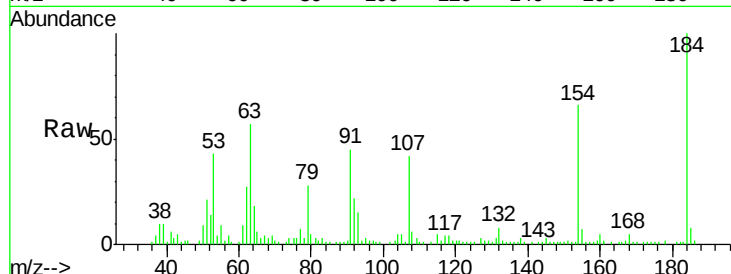




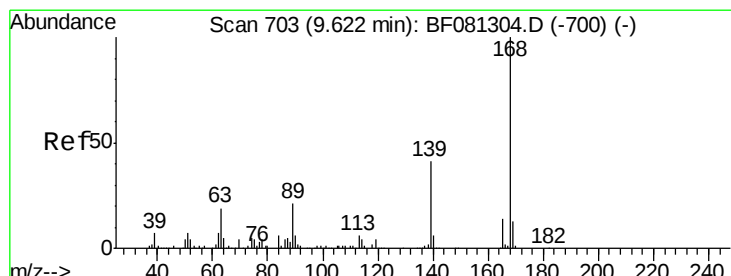
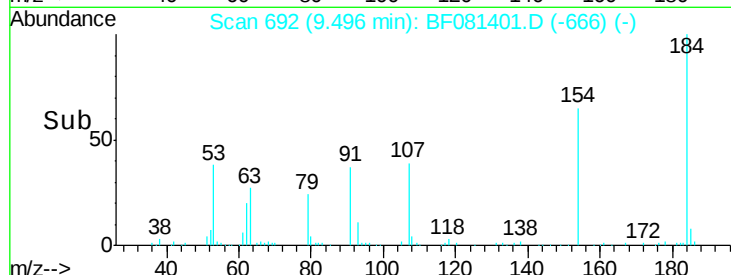
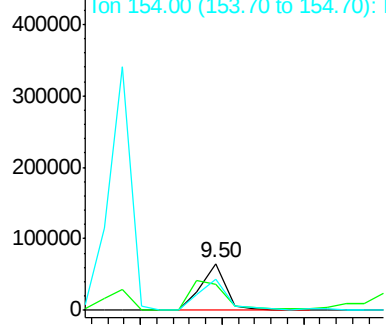
#53
2,4-Dinitrophenol
Concen: 2319.63 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF081401.D
Acq: 4 Sep 2015 4:17

Instrument :
BNA_F
ClientSampleId :
HX2MSD

Tot Ion:184 Resp: 70156
Ion Ratio Lower Upper
184 100
63 56.5 35.4 53.2#
154 66.5 32.2 48.4#

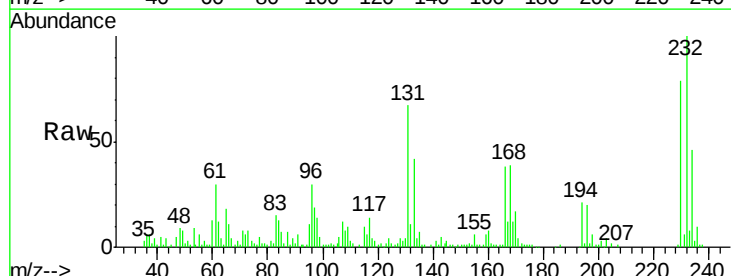


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

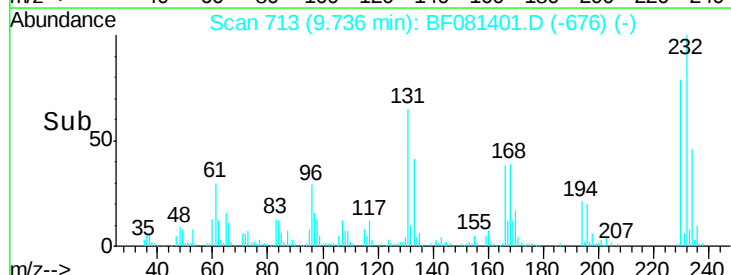
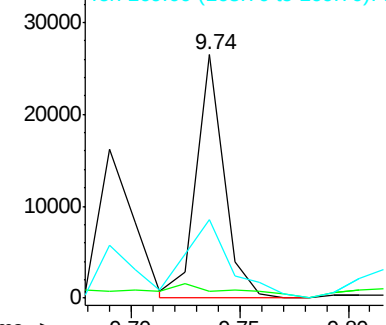


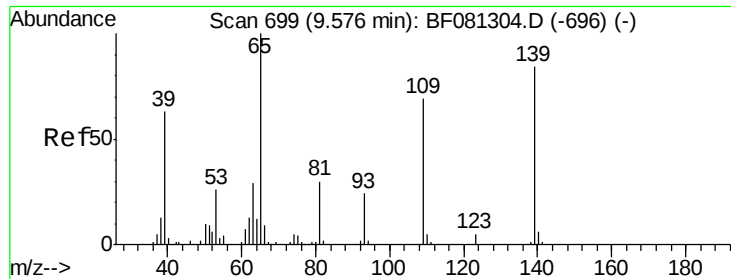
#54
Dibenzofuran
Concen: 58.18 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.13 min
Lab File: BF081401.D
Acq: 4 Sep 2015 4:17

Tgt Ion:168 Resp: 23197
Ion Ratio Lower Upper
168 100
139 2.7 24.2 36.2#
169 32.0 10.6 15.8#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

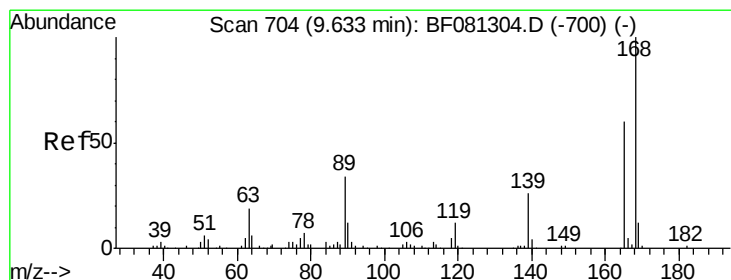
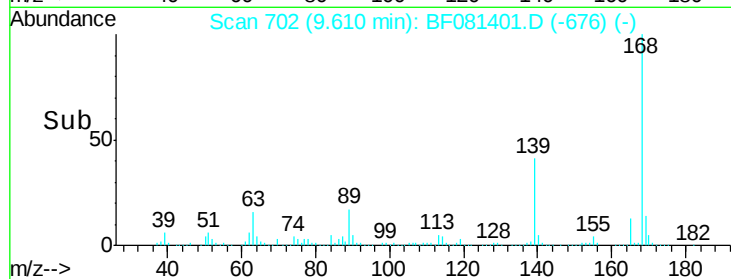
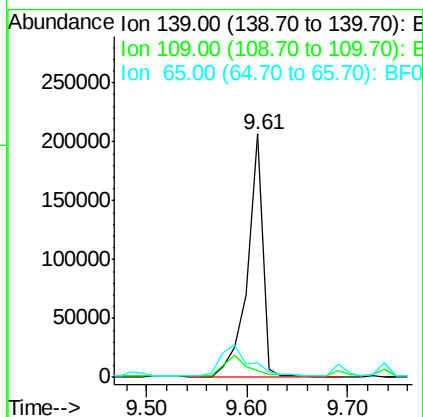
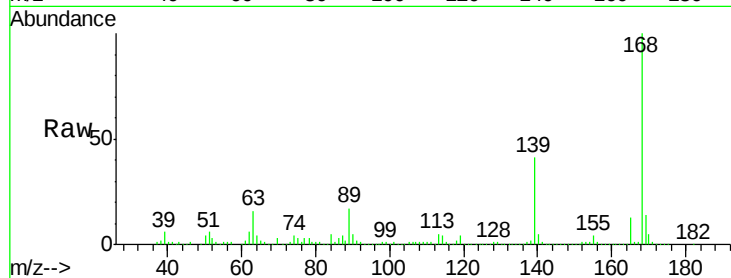




#55
4-Nitrophenol
Concen: 4243.38 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF081401.D
Acq: 4 Sep 2015 4:17

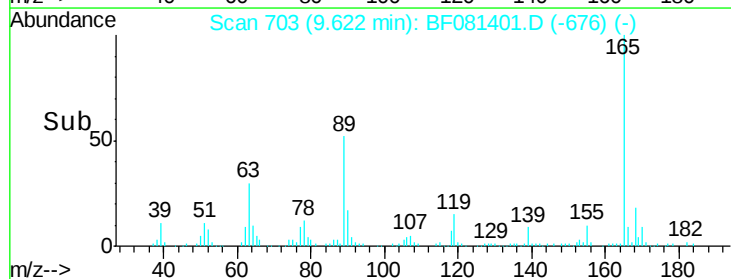
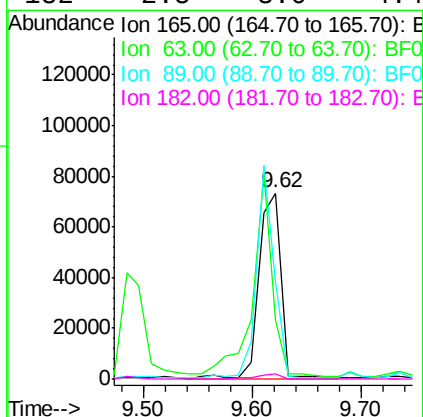
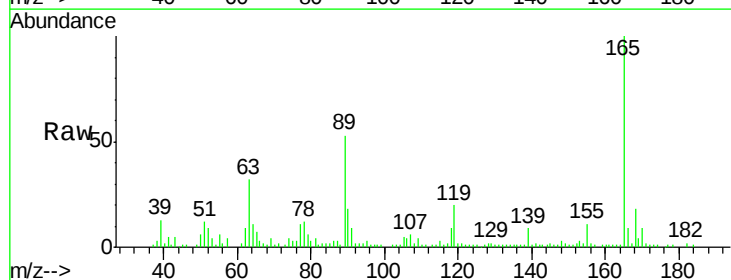
Instrument :
BNA_F
ClientSampleId :
HX2MSD

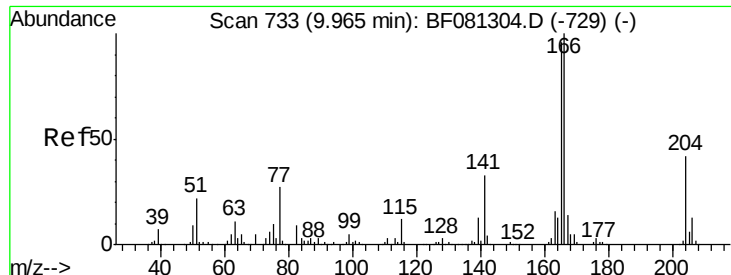
Tot Ion	Ratio	Lower	Upper
139	100		
109	2.7	12.7	52.7#
65	6.0	45.9	85.9#



#56
2,4-Dinitrotoluene
Concen: 1145.85 ng
RT: 9.62 min Scan# 703
Delta R.T. 0.01 min
Lab File: BF081401.D
Acq: 4 Sep 2015 4:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	31.7	29.8	44.6
89	52.6	44.5	66.7
182	2.5	3.0	4.4#

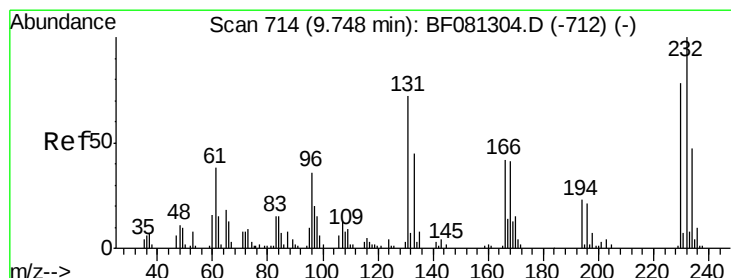
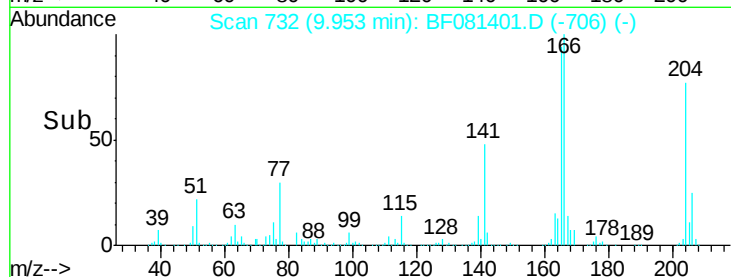
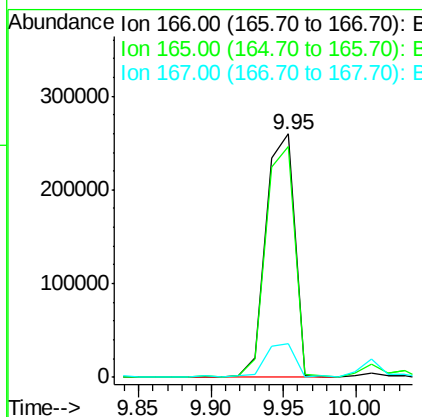
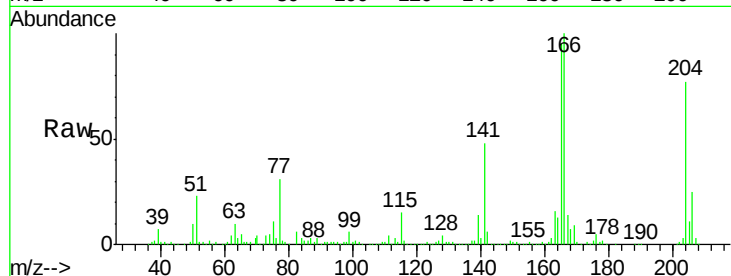




#57
Fluorene
 Concen: 1180.96 ng
 RT: 9.95 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF081401.D
 Acq: 4 Sep 2015 4:17

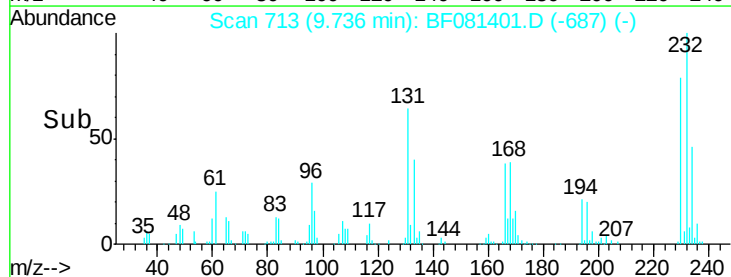
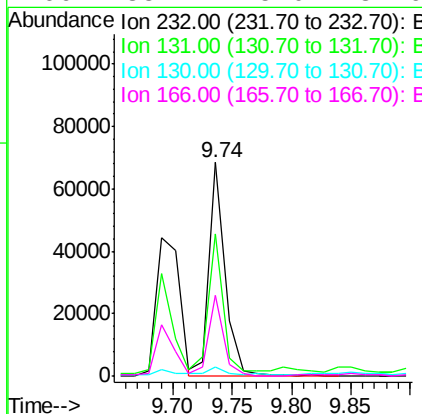
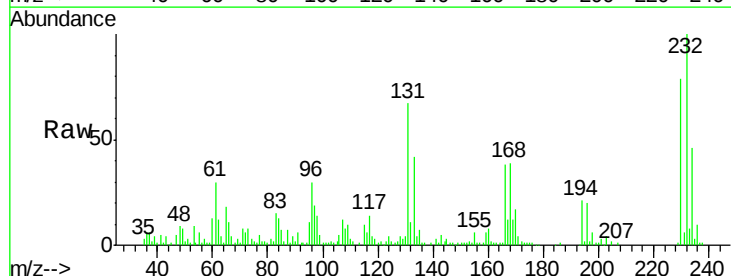
Instrument :
 BNA_F
 ClientSampleId :
 HX2MSD

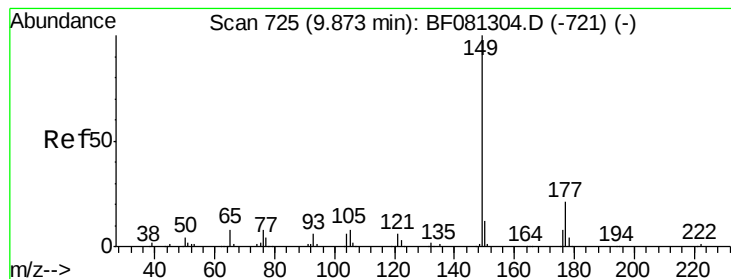
Tot Ion:166 Resp: 357304
 Ion Ratio Lower Upper
 166 100
 165 94.7 72.6 109.0
 167 14.1 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 932.06 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF081401.D
 Acq: 4 Sep 2015 4:17

Tgt Ion:232 Resp: 64521
 Ion Ratio Lower Upper
 232 100
 131 59.8 38.5 57.7#
 130 3.2 1.8 2.6#
 166 35.2 25.0 37.6





#59

Diethylphthalate

Concen: 1046.81 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Instrument :

BNA_F

ClientSampleId :

HX2MSD

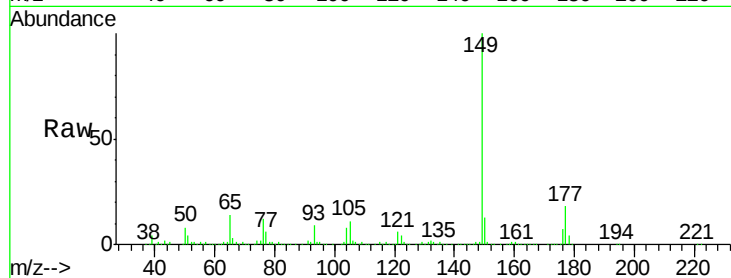
Tot Ion:149 Resp: 348369

Ion Ratio Lower Upper

149 100

177 18.5 17.5 26.3

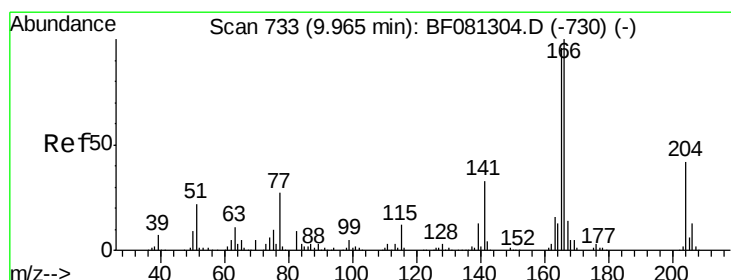
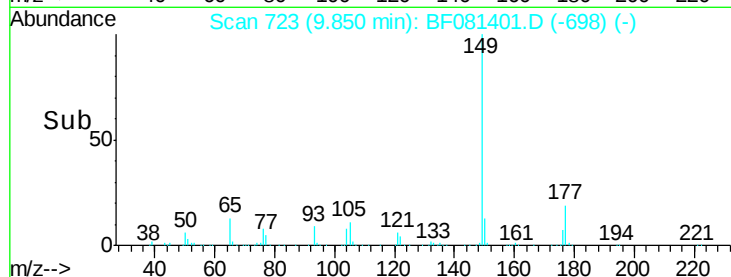
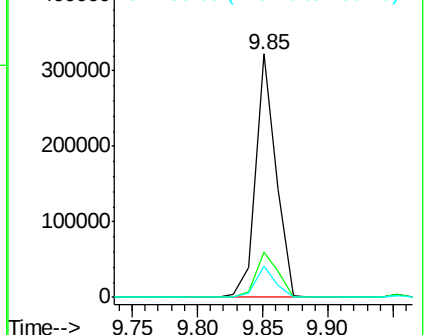
150 13.0 9.4 14.2



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: 1200.17 ng

RT: 9.95 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

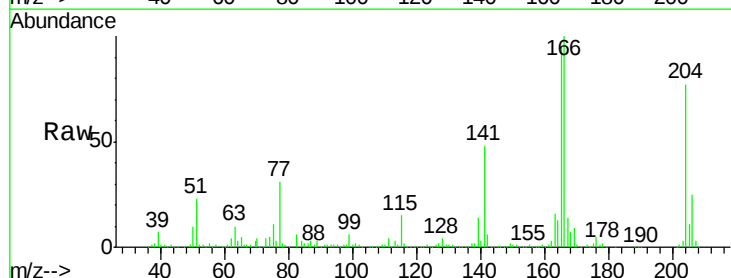
Tgt Ion:204 Resp: 169240

Ion Ratio Lower Upper

204 100

206 32.6 24.8 37.2

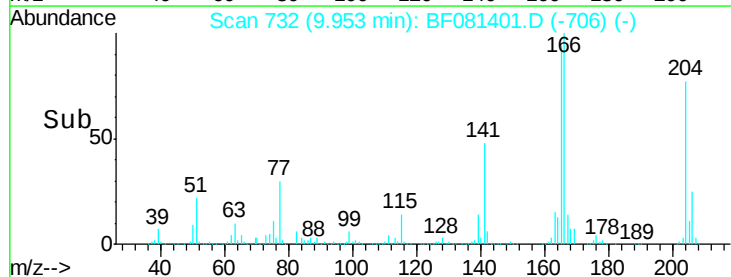
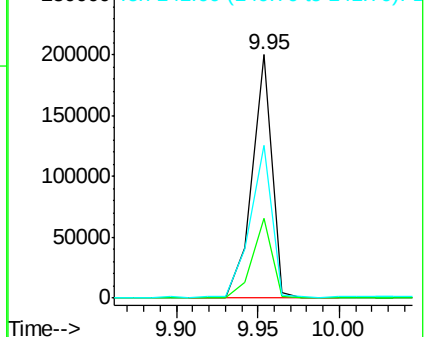
141 62.5 42.2 63.4

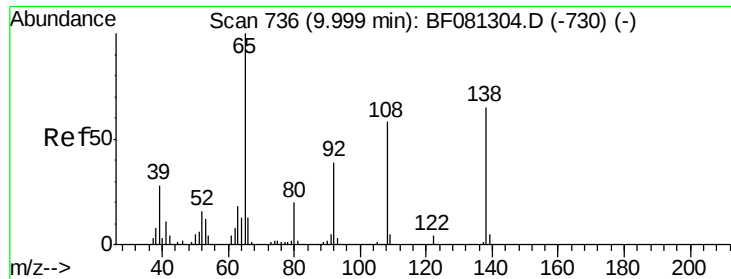


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

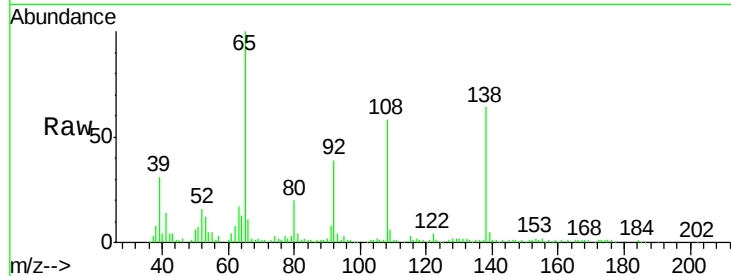




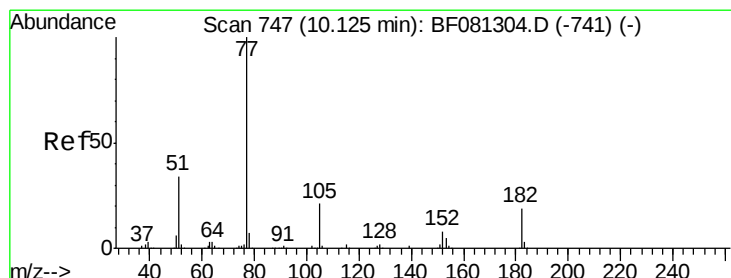
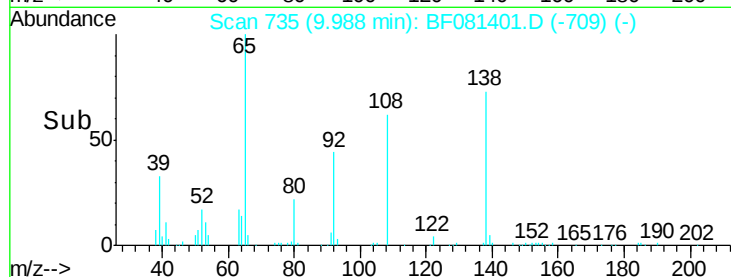
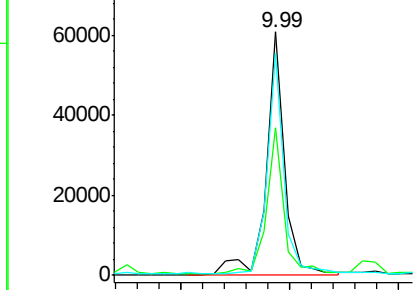
#61
4-Nitroaniline
Concen: 887.24 ng
RT: 9.99 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF081401.D
Acq: 4 Sep 2015 4:17

Instrument :
BNA_F
ClientSampleId :
HX2MSD

Tot Ion:138 Resp: 73275
Ion Ratio Lower Upper
138 100
92 60.9 12.6 52.6#
108 91.1 12.4 52.4#

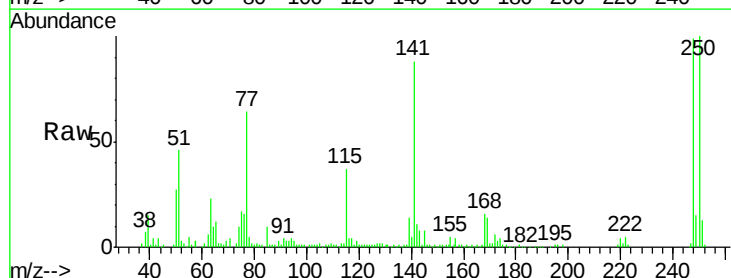


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

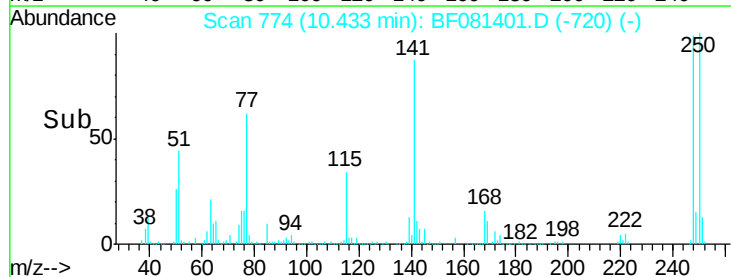
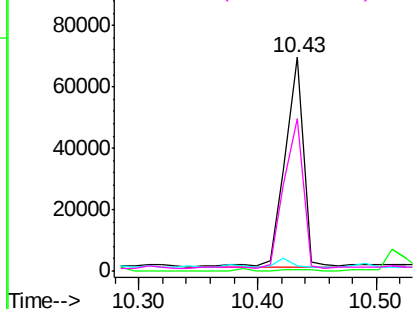


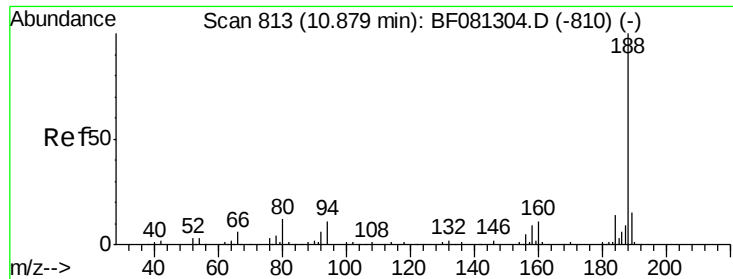
#62
Azobenzene
Concen: 194.68 ng
RT: 10.43 min Scan# 774
Delta R.T. 0.32 min
Lab File: BF081401.D
Acq: 4 Sep 2015 4:17

Tgt Ion: 77 Resp: 72031
Ion Ratio Lower Upper
77 100
182 0.7 15.1 55.1#
105 2.4 3.4 43.4#
51 71.1 12.0 52.0#



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

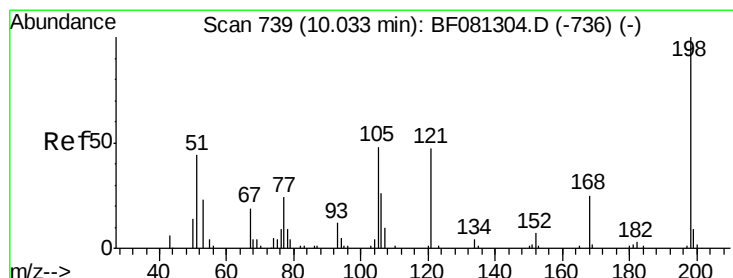
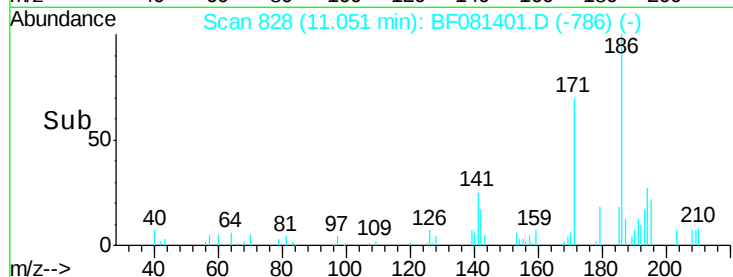
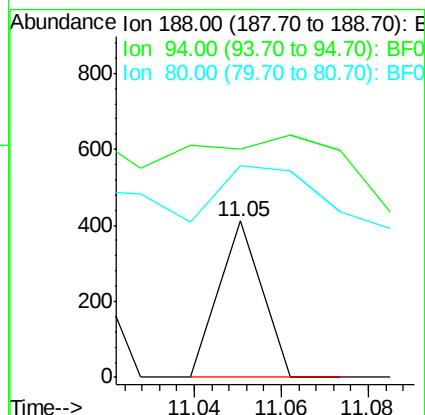
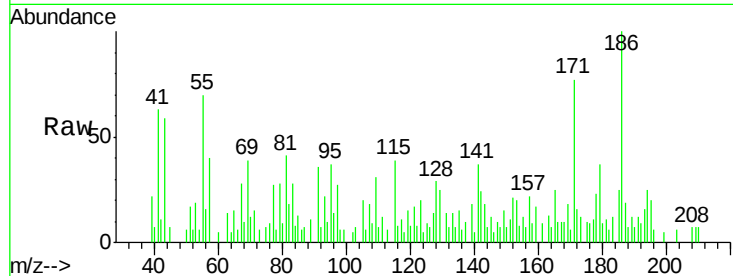




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.18 min
Lab File: BF081401.D
Acq: 4 Sep 2015 4:17

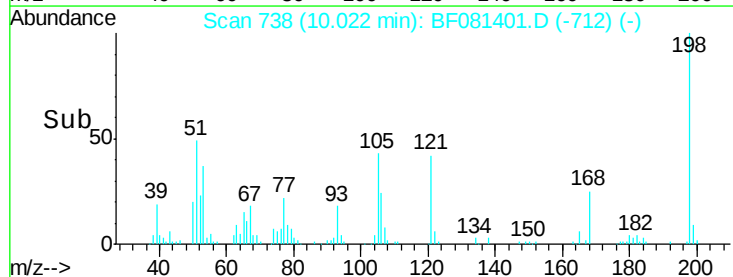
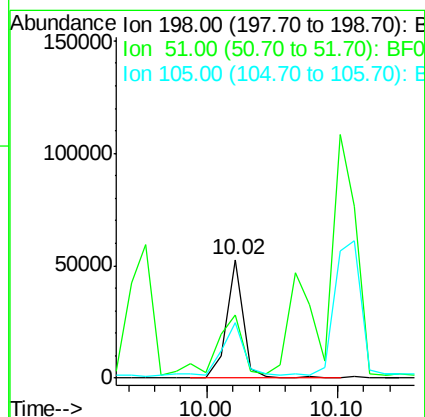
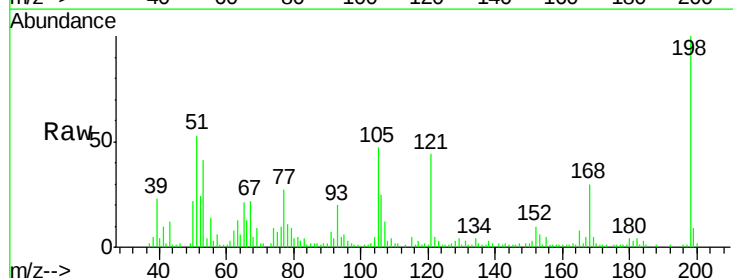
Instrument :
BNA_F
ClientSampleId :
HX2MSD

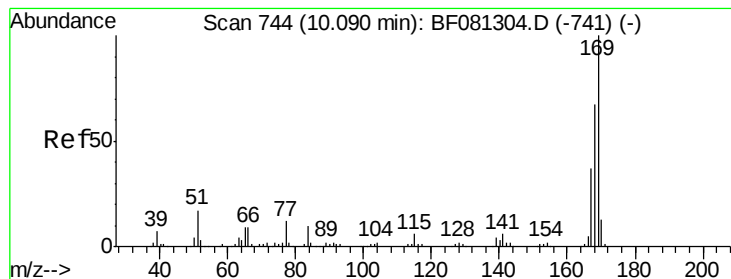
Tot Ion:188 Resp: 282
Ion Ratio Lower Upper
188 100
94 146.0 11.1 16.7#
80 135.8 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 30059.76 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF081401.D
Acq: 4 Sep 2015 4:17

Tgt Ion:198 Resp: 47413
Ion Ratio Lower Upper
198 100
51 53.1 39.6 79.6
105 46.7 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 30804.11 ng

RT: 10.08 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Instrument :

BNA_F

ClientSampleId :

HX2MSD

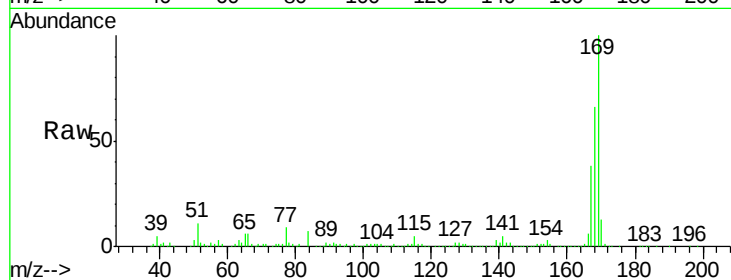
Tot Ion:169 Resp: 316095

Ion Ratio Lower Upper

169 100

168 66.2 48.9 73.3

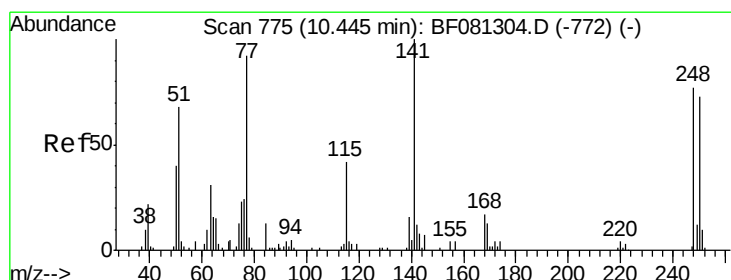
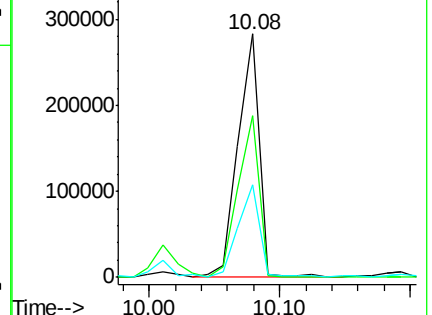
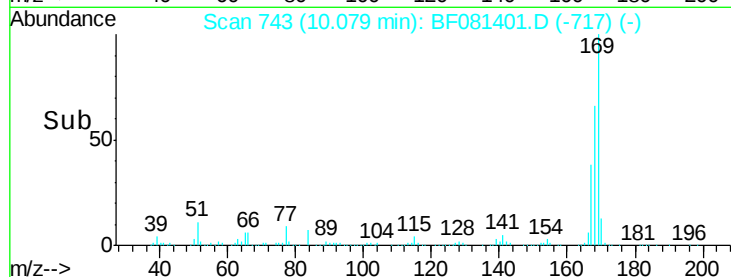
167 37.9 26.2 39.4



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: 30618.18 ng

RT: 10.43 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

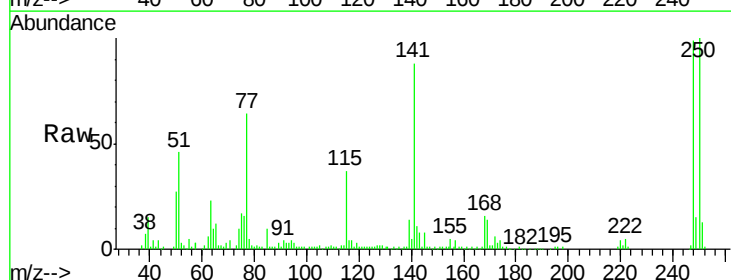
Tgt Ion:248 Resp: 87305

Ion Ratio Lower Upper

248 100

250 101.1 78.5 117.7

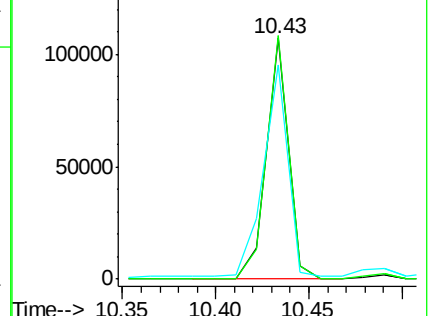
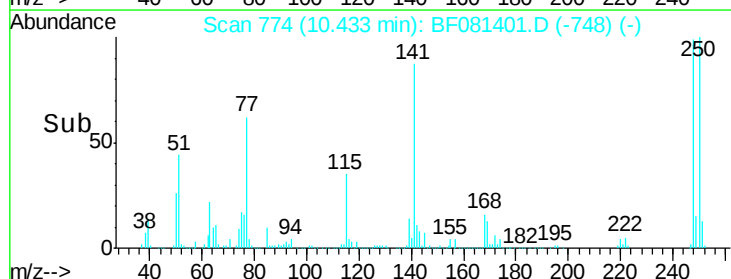
141 89.0 59.0 88.6#

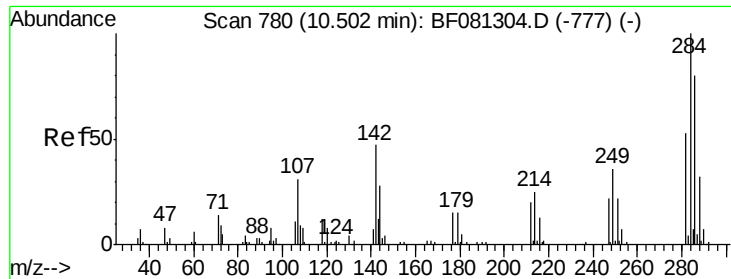


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

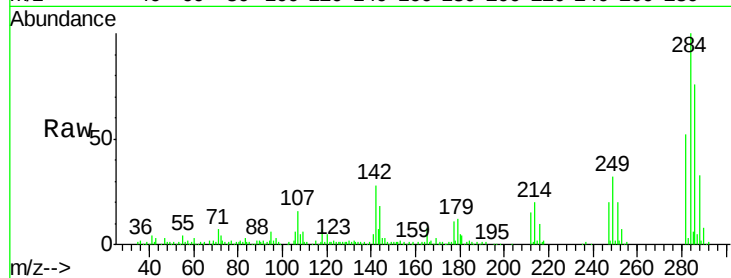




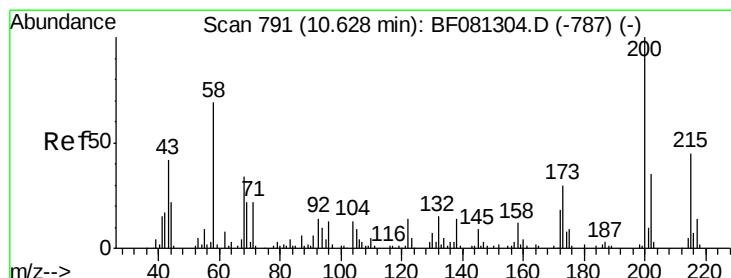
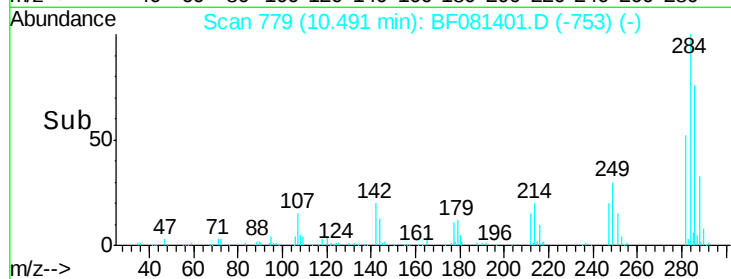
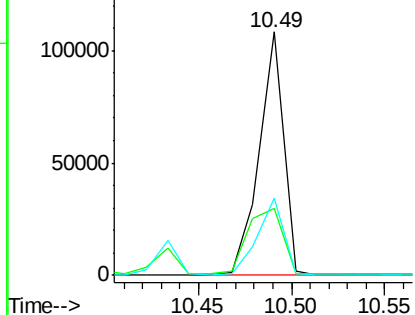
#67
Hexachlorobenzene
Concen: 32851.26 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF081401.D
Acq: 4 Sep 2015 4:17

Instrument :
BNA_F
ClientSampleId :
HX2MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	27.7	29.5	44.3#
249	31.9	19.5	29.3#

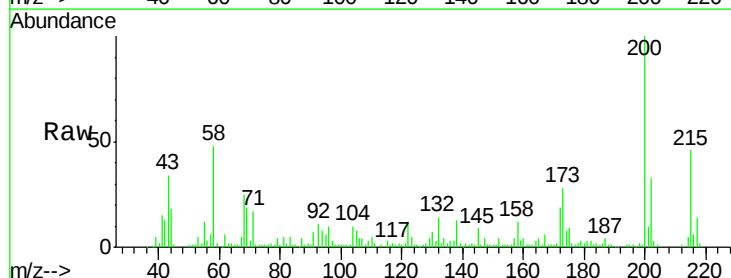


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

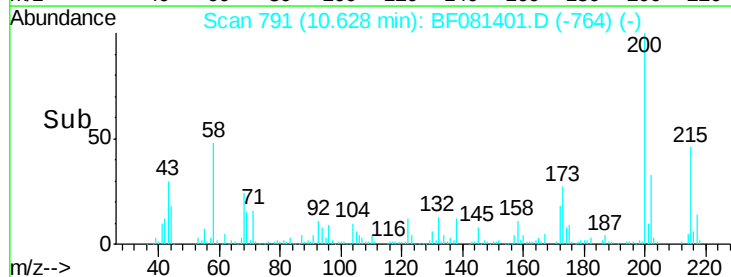
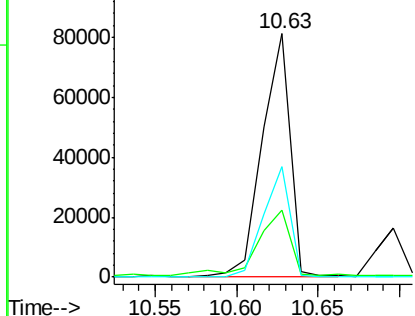


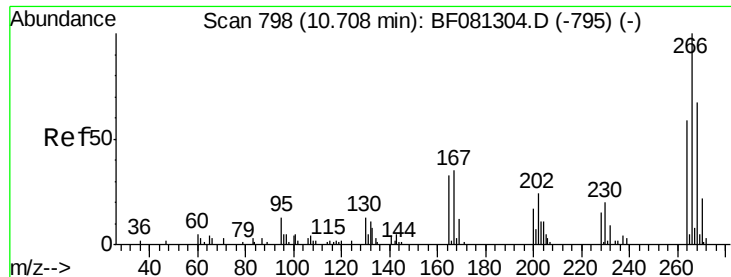
#68
Atrazine
Concen: 32668.09 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF081401.D
Acq: 4 Sep 2015 4:17

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.7	13.2	53.2
215	45.5	41.8	81.8



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

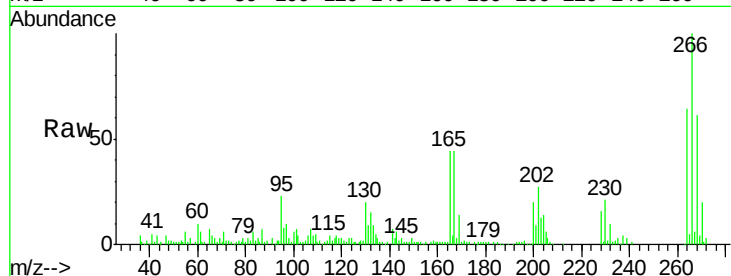




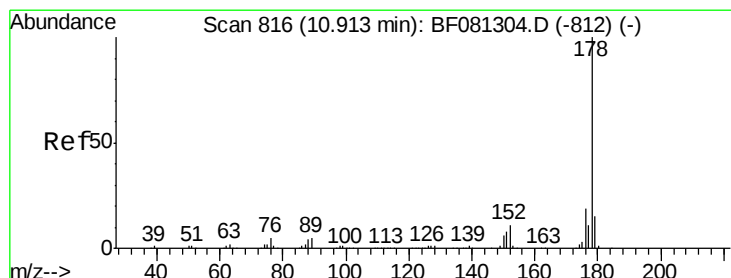
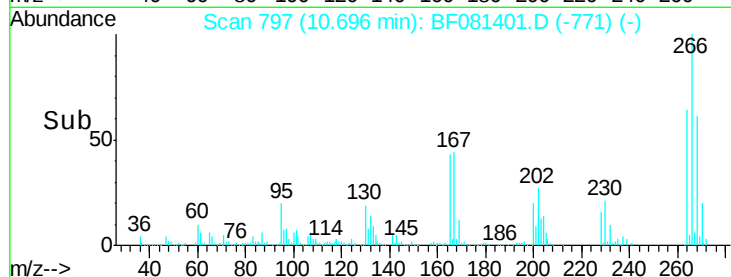
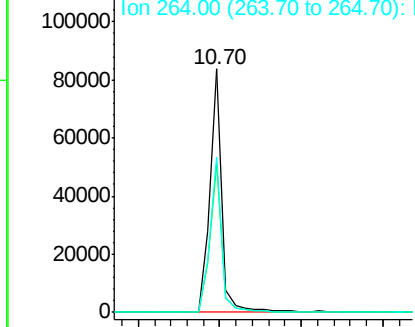
#69
 Pentachlorophenol
 Concen: 53692.59 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF081401.D
 Acq: 4 Sep 2015 4:17

Instrument :
 BNA_F
 ClientSampled :
 HX2MSD

Tot Ion:266 Resp: 87478
 Ion Ratio Lower Upper
 266 100
 268 61.0 49.8 74.6
 264 63.6 50.2 75.2

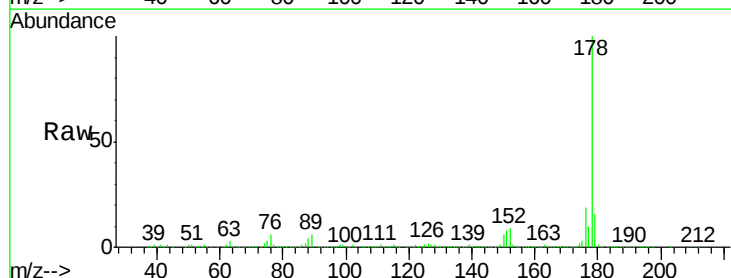


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

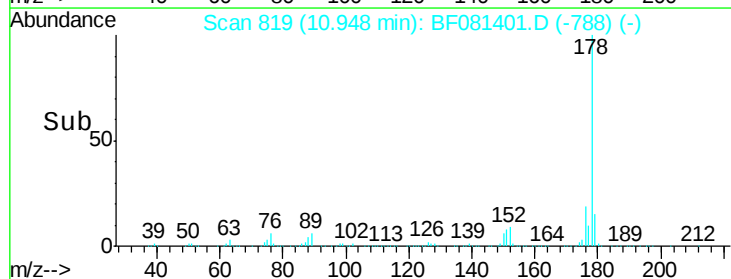
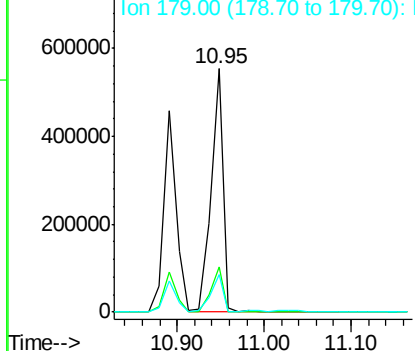


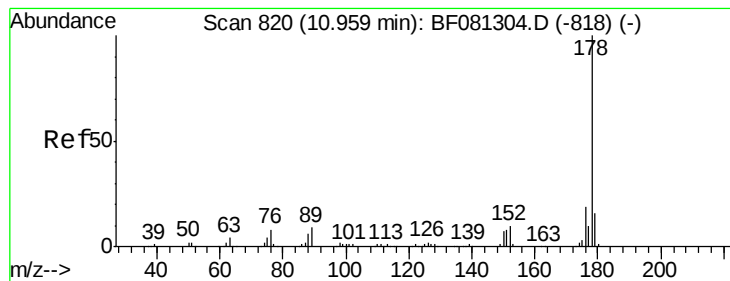
#70
 Phenanthrene
 Concen: 34144.38 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.06 min
 Lab File: BF081401.D
 Acq: 4 Sep 2015 4:17

Tgt Ion:178 Resp: 535304
 Ion Ratio Lower Upper
 178 100
 176 18.8 13.8 20.8
 179 15.6 12.2 18.2



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





#71

Anthracene

Concen: 33194.27 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Instrument :

BNA_F

ClientSampleId :

HX2MSD

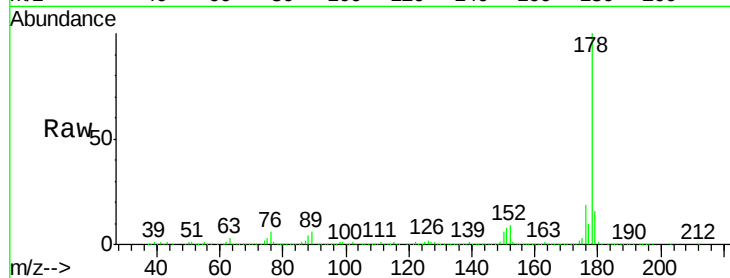
Tot Ion:178 Resp: 534656

Ion Ratio Lower Upper

178 100

176 18.8 14.1 21.1

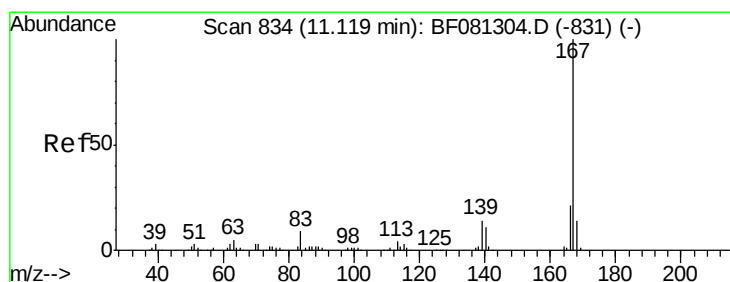
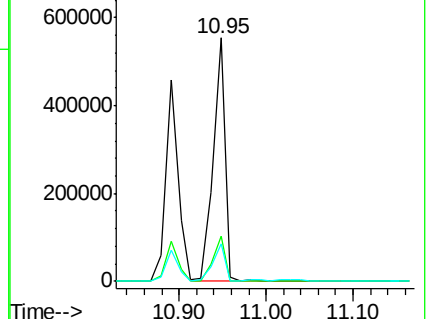
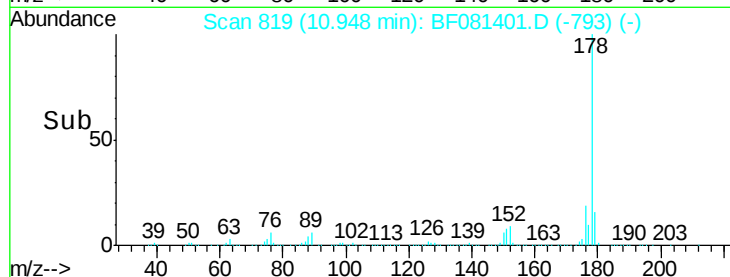
179 15.6 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 28067.38 ng

RT: 11.11 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

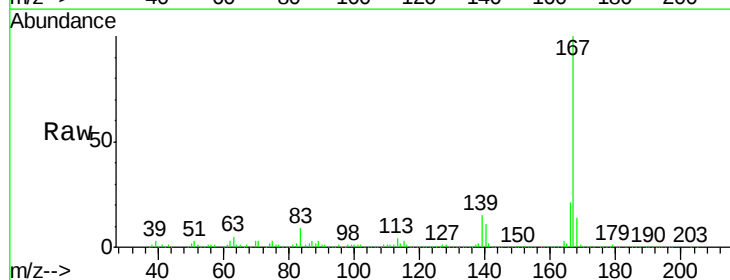
Tgt Ion:167 Resp: 424228

Ion Ratio Lower Upper

167 100

166 21.4 15.7 23.5

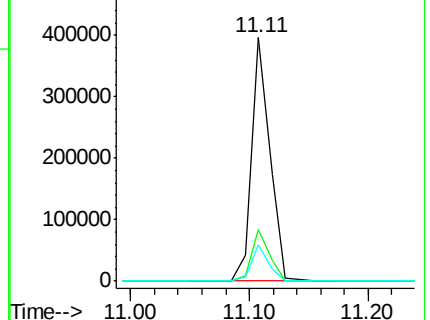
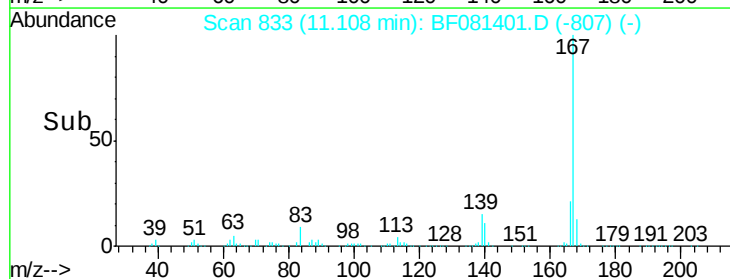
139 14.8 9.5 14.3#

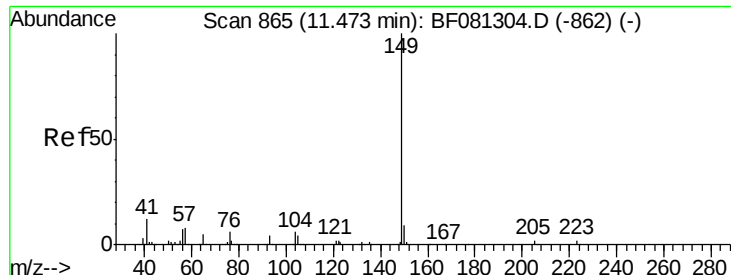


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 31073.70 ng

RT: 11.46 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Instrument :

BNA_F

ClientSampleId :

HX2MSD

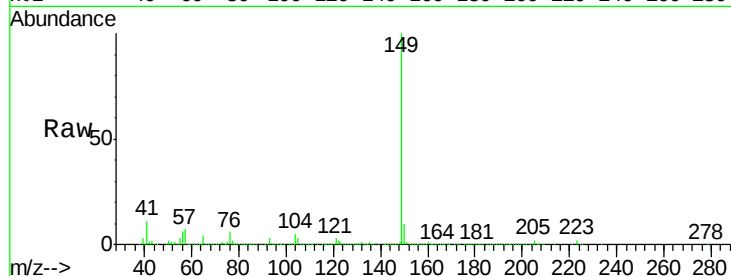
Tot Ion:149 Resp: 554602

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

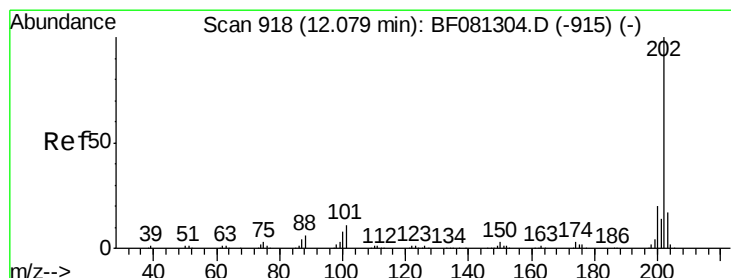
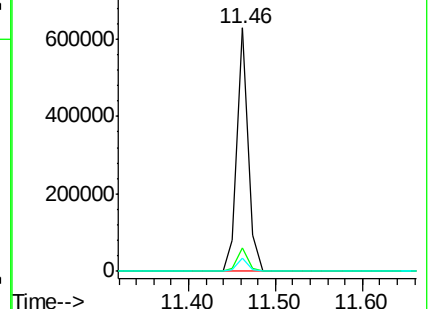
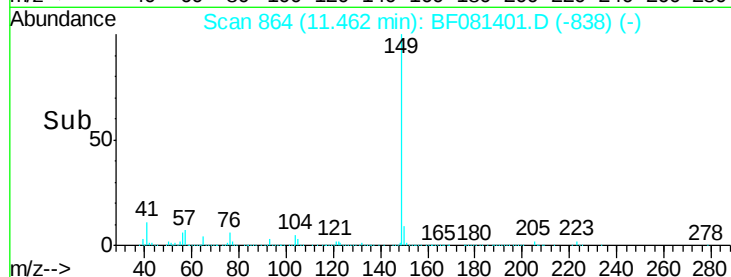
104 5.5 2.4 3.6#



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: 29701.49 ng

RT: 12.29 min Scan# 936

Delta R.T. 0.22 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

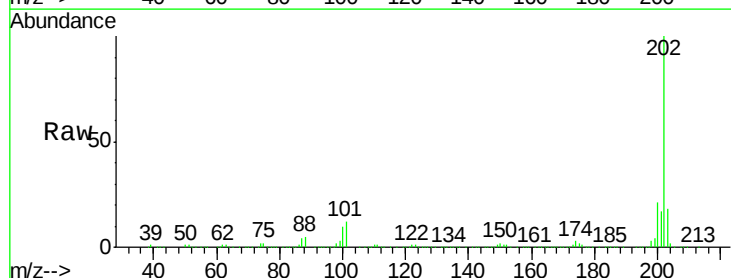
Tgt Ion:202 Resp: 504086

Ion Ratio Lower Upper

202 100

101 12.3 0.0 38.3

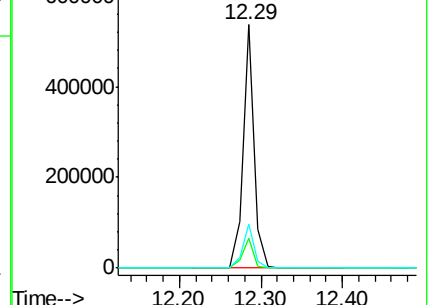
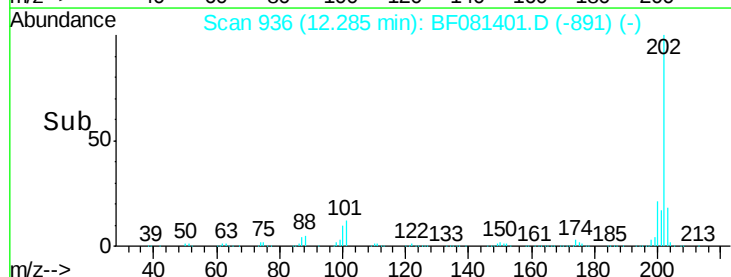
203 18.0 0.0 37.3

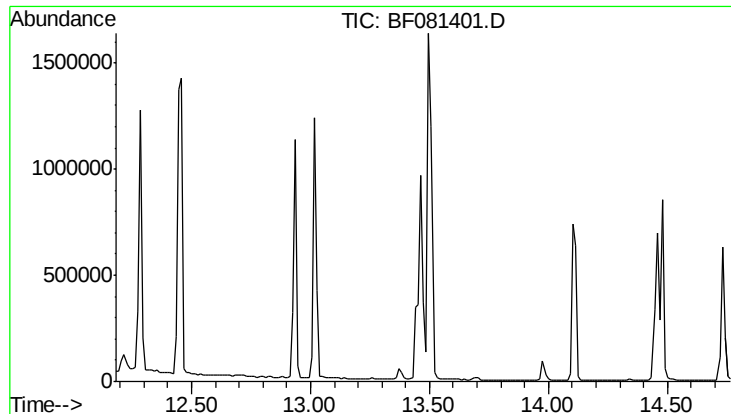


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 0.00 ng

Expected RT: 13.47 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

Instrument :

BNA_F

ClientSampleId :

HX2MSD

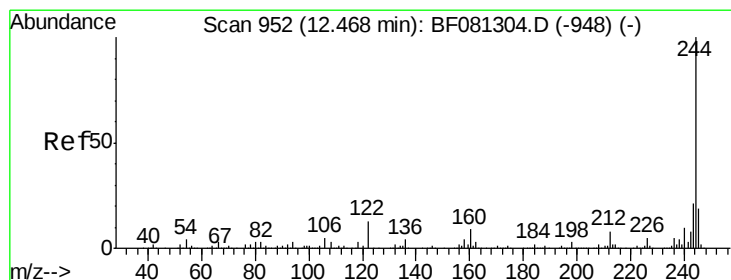
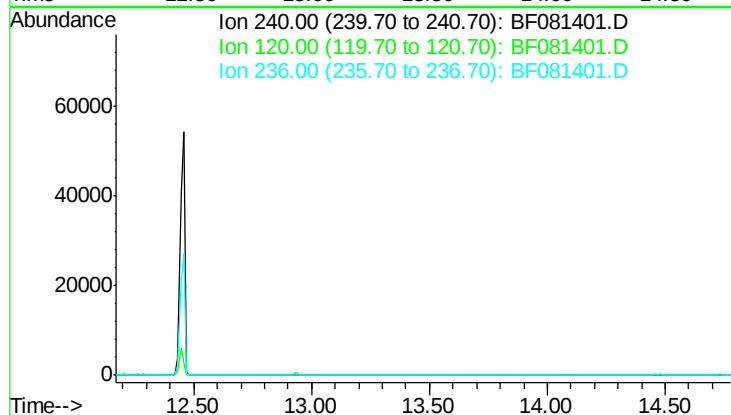
Tot Ion: 240

Sig Exp Ratio

240 100

120 20.2

236 23.0



#78

Terphenyl-d14

Concen: 0.00 ng

RT: 12.46 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF081401.D

Acq: 4 Sep 2015 4:17

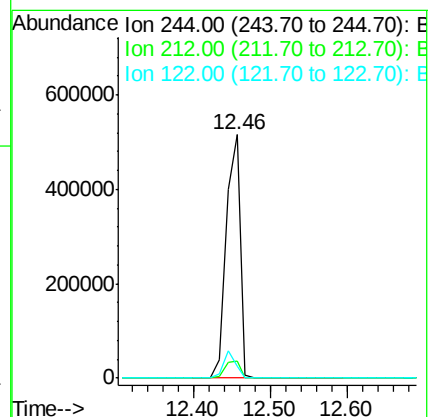
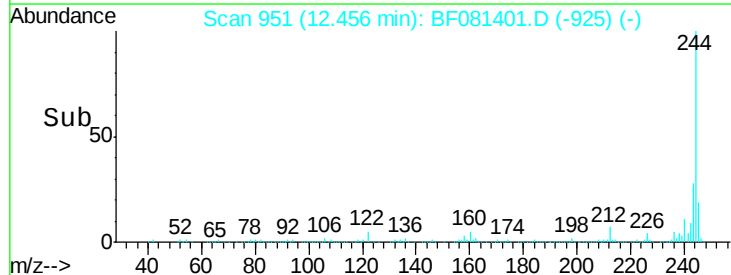
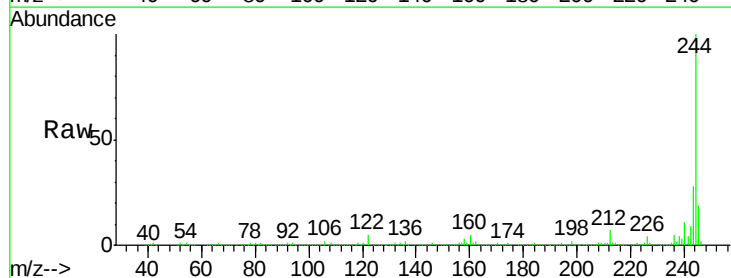
Tgt Ion:244 Resp: 663955

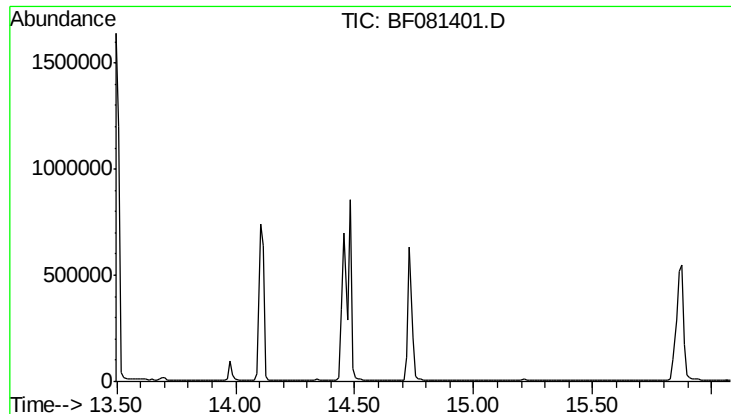
Ion Ratio Lower Upper

244 100

212 7.0 4.3 6.5#

122 5.1 17.4 26.2#





#86
Pervlene-d12
Concen: 0.00 ng
Expected RT: 14.79 min
Lab File: BF081401.D
Acq: 4 Sep 2015 4:17

Instrument :
BNA_F
ClientSampleId :
HX2MSD

Tot Ion: 264
Sig Exp Ratio
264 100
260 20.9
265 21.5

