

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081399.D
 Acq On : 4 Sep 2015 3:15
 Operator : UM/IZ
 Sample : G3419-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HX2

Quant Time: Sep 04 06:01:35 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	231814	20.00	ng	0.15
21) Naphthalene-d8	7.82	136	472	20.00	ng	0.15
38) Acenaphthene-d10	9.61	164	276	20.00	ng	0.21
63) Phenanthrene-d10	11.13	188	214	20.00	ng	0.26
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						
5) 2-Fluorophenol	4.91	112	191744	12.83	ng	0.00
7) Phenol-d6	6.03	99	170661	8.63	ng	-0.01
23) Nitrobenzene-d5	6.95	82	431776	44135.12	ng	0.00
41) 2,4,6-Tribromophenol	10.19	330	115281	46909.64	ng	0.00
44) 2-Fluorobiphenyl	8.74	172	622049	28882.10	ng	-0.01
78) Terphenyl-d14	12.46	244	637557	0.00	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	6.95	117	89316	12.82	ng	# 6
19) n-Nitroso-di-n-propylamine	6.95	70	61262	4.55	ng	# 63
22) Acetophenone	6.92	105	7499	581.67	ng	# 22
24) Nitrobenzene	7.07	77	2984	293.72	ng	# 7
25) Isophorone	7.39	82	1406	77.27	ng	# 19
26) 2-Nitrophenol	7.66	139	209	47.20	ng	# 1
27) 2,4-Dimethylphenol	7.46	122	1409	184.23	ng	# 12
28) bis(2-Chloroethoxy)methane	7.66	93	246	23.40	ng	# 1
29) 2,4-Dichlorophenol	7.71	162	230	34.68	ng	# 1
31) Naphthalene	7.86	128	5118	203.32	ng	# 1
32) Benzoic acid	7.66	122	322	58.39	ng	# 1
33) 4-Chloroaniline	7.91	127	1561	152.04	ng	# 1
35) Caprolactam	8.32	113	248	121.93	ng	# 1
36) 4-Chloro-3-methylphenol	8.41	107	4692	632.06	ng	# 12
37) 2-Methylnaphthalene	8.47	142	73912	4512.02	ng	# 82
45) 1,1'-Biphenyl	9.06	154	6695	263.66	ng	# 1
46) 2-Chloronaphthalene	9.06	162	6257	341.21	ng	# 1
47) 2-Nitroaniline	9.14	65	3682	492.67	ng	# 1
48) Acenaphthylene	9.51	152	4277	131.47	ng	# 1
49) Dimethylphthalate	9.15	163	142684	6653.82	ng	# 97
50) 2,6-Dinitrotoluene	9.45	165	2028	416.69	ng	90
51) Acenaphthene	9.43	154	16098	869.84	ng	91
52) 3-Nitroaniline	9.60	138	981	177.05	ng	# 59
53) 2,4-Dinitrophenol	9.70	184	217	105.86	ng	# 1
54) Dibenzofuran	10.00	168	37147	1374.66	ng	# 70
55) 4-Nitrophenol	9.80	139	2288	657.30	ng	# 1
56) 2,4-Dinitrotoluene	9.84	165	3209	517.82	ng	# 14
57) Fluorene	10.18	166	6345	309.41	ng	# 77
59) Diethylphthalate	10.02	149	1043	46.24	ng	# 10
60) 4-Chlorophenyl-phenylether	10.18	204	532	55.66	ng	# 1
61) 4-Nitroaniline	10.19	138	629	112.37	ng	# 1
62) Azobenzene	10.31	77	791	31.54	ng	# 15
64) 4,6-Dinitro-2-methylphenol	10.31	198	258	215.55	ng	# 1
65) n-Nitrosodiphenylamine	10.31	169	10977	1409.65	ng	# 1

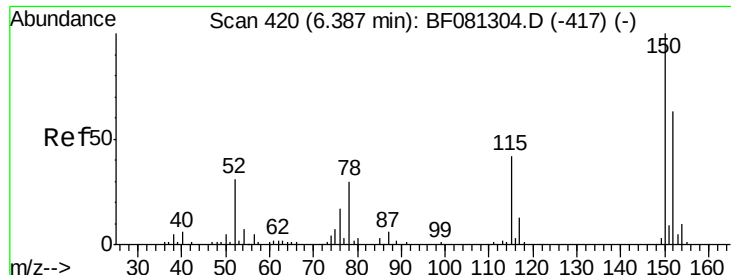
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081399.D
Acq On : 4 Sep 2015 3:15
Operator : UM/IZ
Sample : G3419-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HX2

Quant Time: Sep 04 06:01:35 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)
68) Atrazine	10.88	200	697	309.31	nq	# 1
70) Phenanthrene	11.11	178	1247	104.81	nq	# 1
71) Anthracene	11.22	178	469	38.37	nq	# 1
72) Carbazole	11.32	167	1197	104.36	nq	# 1
73) Di-n-butylphthalate	11.46	149	14025	1035.50	nq	# 94
74) Fluoranthene	12.28	202	4473	347.30	nq	# 88

(#) = 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: BF081399.D

Acq: 4 Sep 2015 3:15

Instrument :

BNA_F

ClientSampleId :

HX2

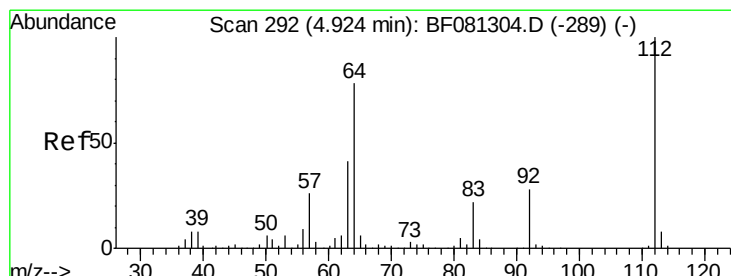
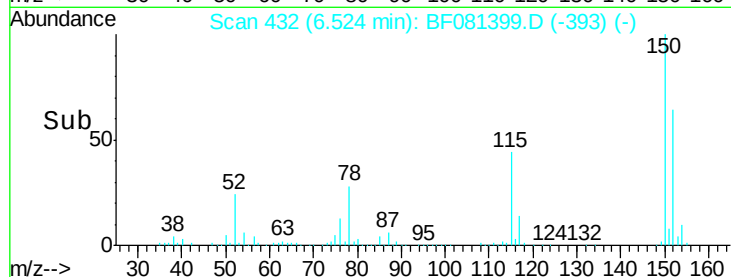
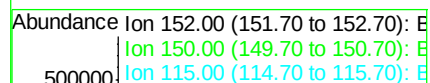
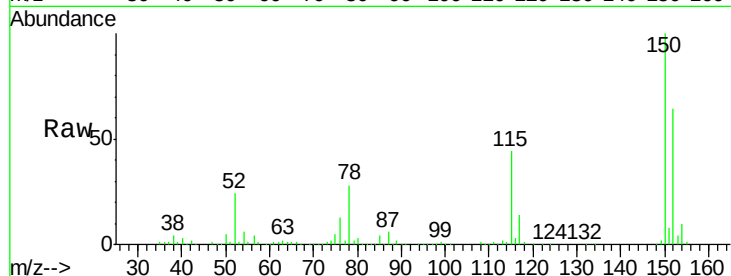
Tot Ion:152 Resp: 231814

Ion Ratio Lower Upper

152 100

150 156.0 124.7 187.1

115 68.3 39.0 58.4#



#5

2-Fluorophenol

Concen: 12.83 ng

RT: 4.91 min Scan# 291

Delta R.T. -0.00 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

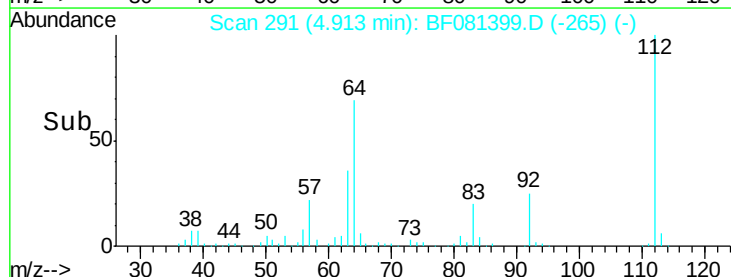
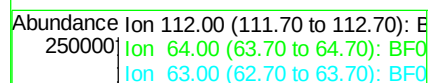
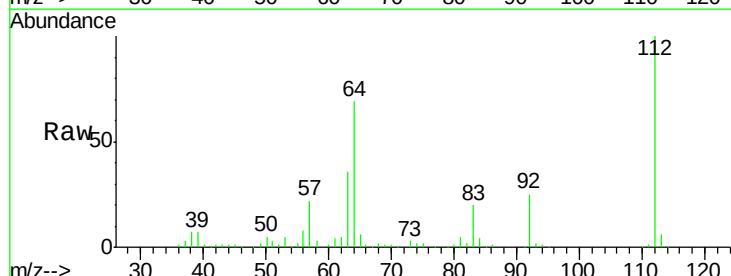
Tgt Ion:112 Resp: 191744

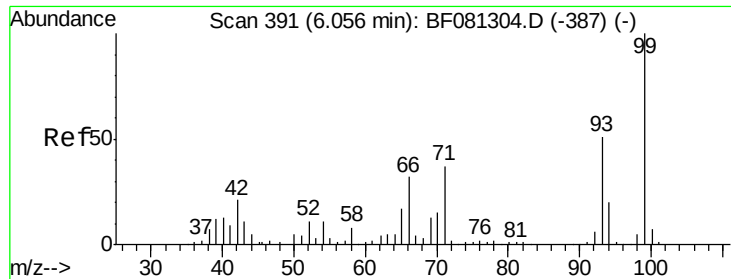
Ion Ratio Lower Upper

112 100

64 69.3 39.7 59.5#

63 36.3 17.4 26.0#





#7

Phenol-d6

Concen: 8.63 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

Instrument :

BNA_F

ClientSampled :

HX2

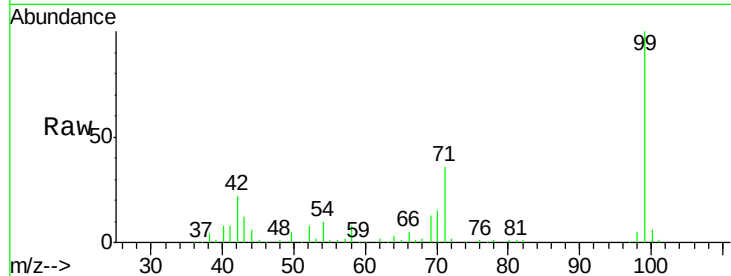
Tot Ion: 99 Resp: 170661

Ion Ratio Lower Upper

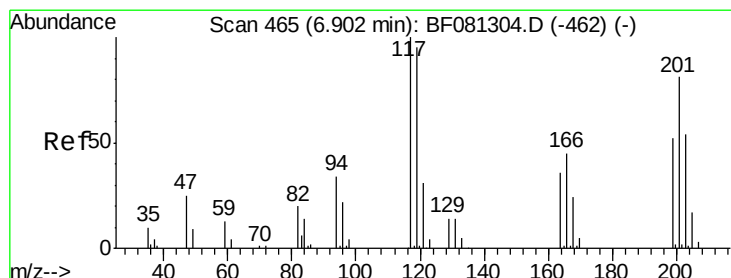
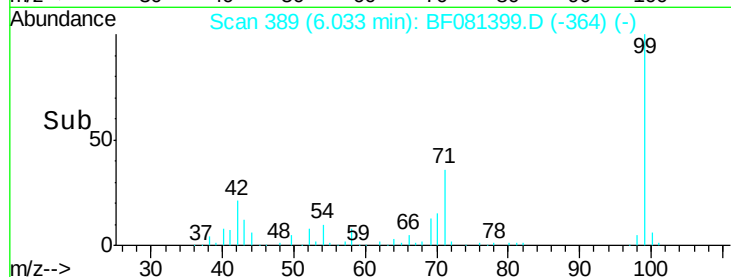
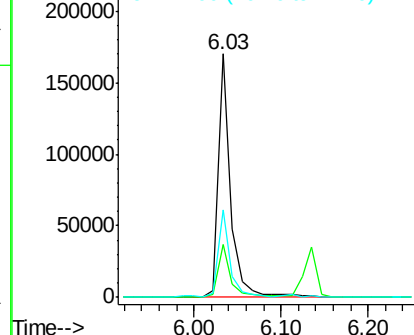
99 100

42 21.6 13.7 20.5#

71 36.0 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



#18

Hexachloroethane

Concen: 12.82 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.07 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

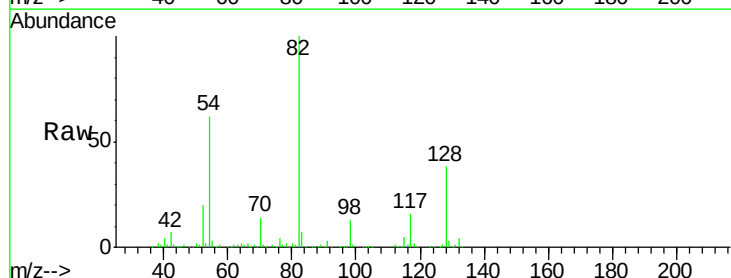
Tgt Ion: 117 Resp: 89316

Ion Ratio Lower Upper

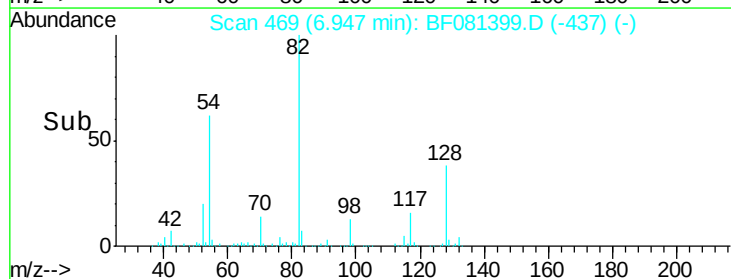
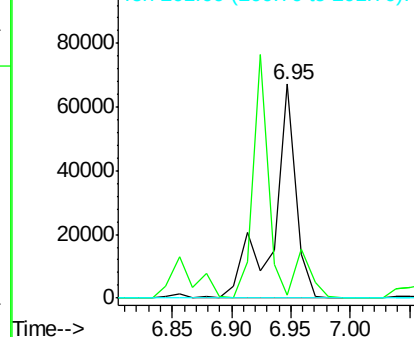
117 100

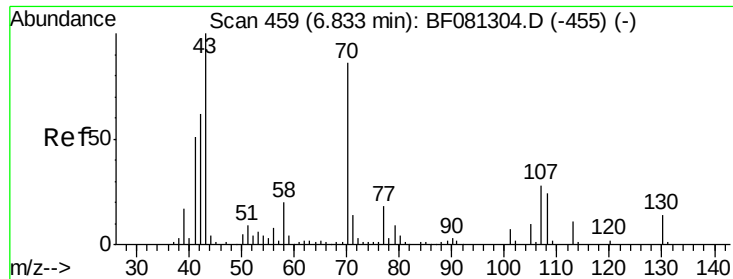
119 1.2 83.8 125.6#

201 0.0 55.1 82.7#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

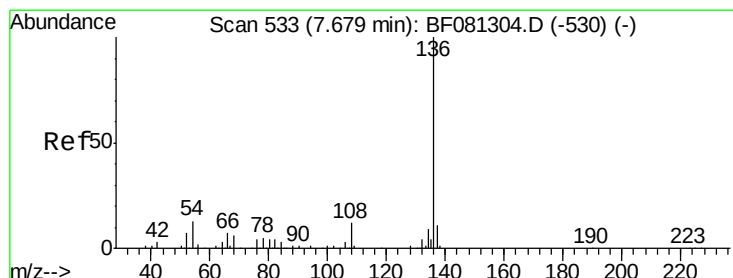
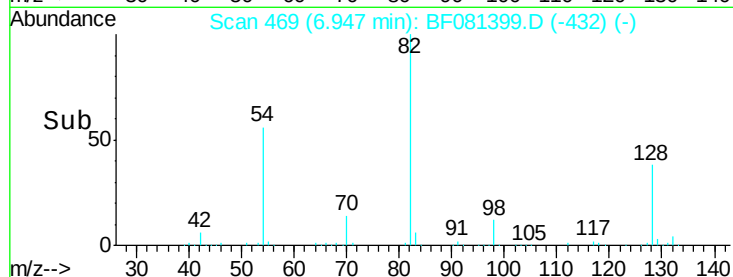
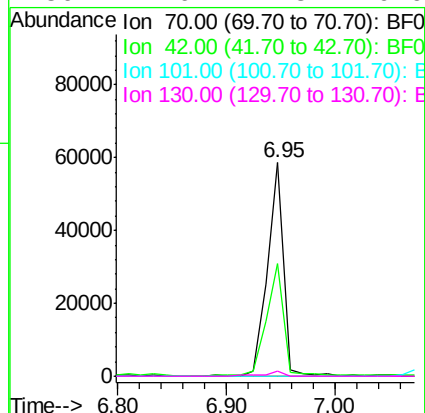
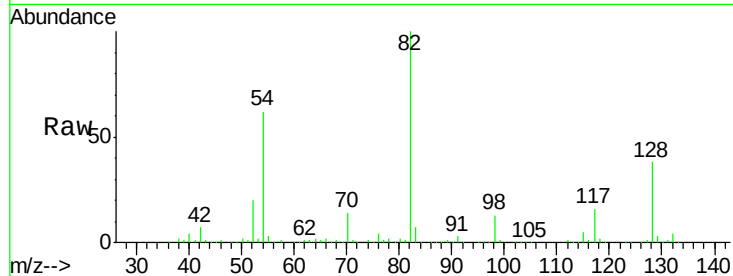




#19
n-Nitroso-di-n-propylamine
Concen: 4.55 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.13 min
Lab File: BF081399.D
Acq: 4 Sep 2015 3:15

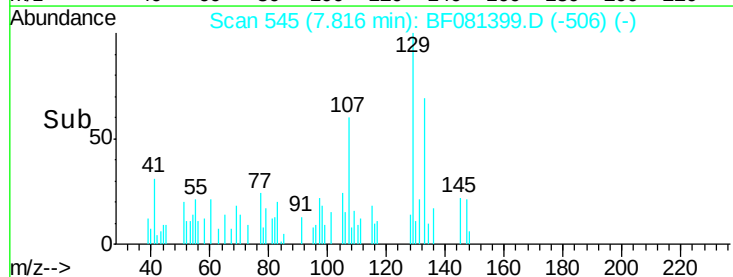
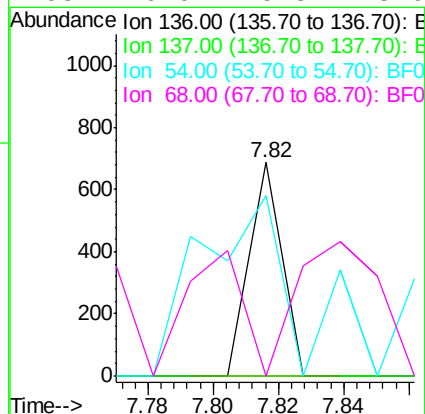
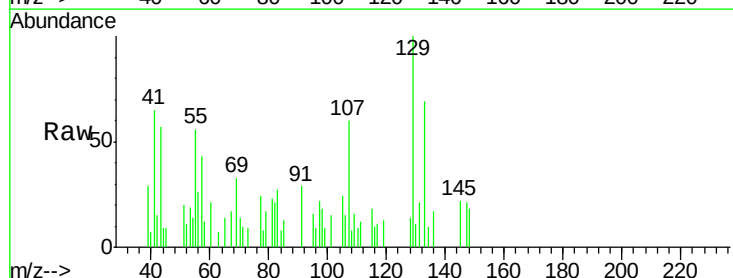
Instrument :
BNA_F
ClientSampleId :
HX2

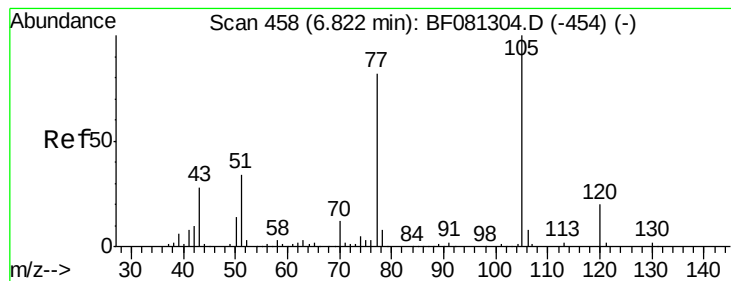
Tot Ion: 70 Resp: 61262
Ion Ratio Lower Upper
70 100
42 52.7 63.8 95.6#
101 0.0 9.2 13.8#
130 2.6 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.15 min
Lab File: BF081399.D
Acq: 4 Sep 2015 3:15

Tgt Ion: 136 Resp: 472
Ion Ratio Lower Upper
136 100
137 0.0 9.0 13.6#
54 84.3 8.2 12.2#
68 0.0 5.8 8.6#





#22

Acetophenone

Concen: 581.67 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

Instrument :

BNA_F

ClientSampleId :

HX2

Tot Ion:105 Resp: 7499

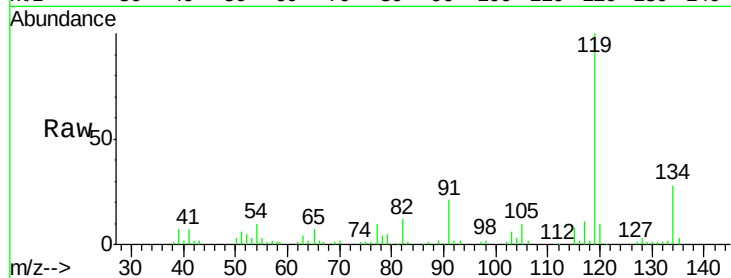
Ion Ratio Lower Upper

105 100

71 0.0 4.7 7.1#

51 58.5 22.0 33.0#

120 98.4 30.1 45.1#

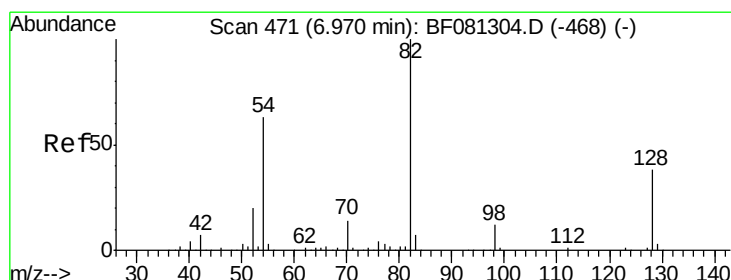
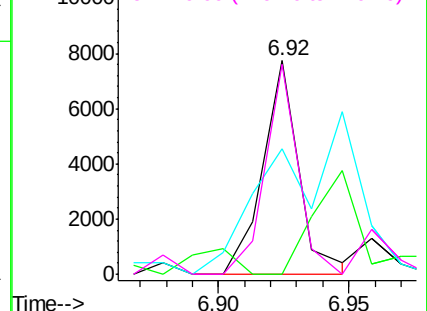
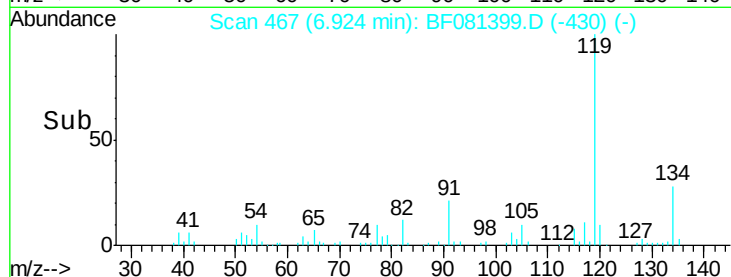


Abundance Ion 105.00 (104.70 to 105.70): E

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: 44135.12 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

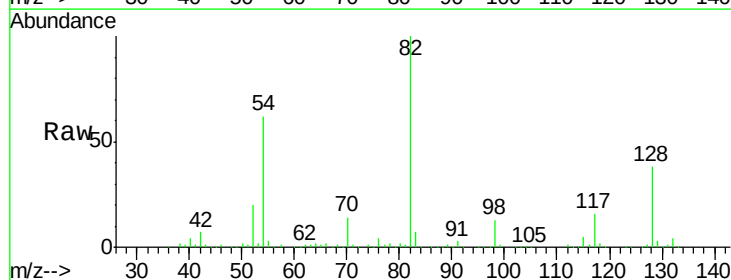
Tgt Ion: 82 Resp: 431776

Ion Ratio Lower Upper

82 100

128 38.4 51.0 76.6#

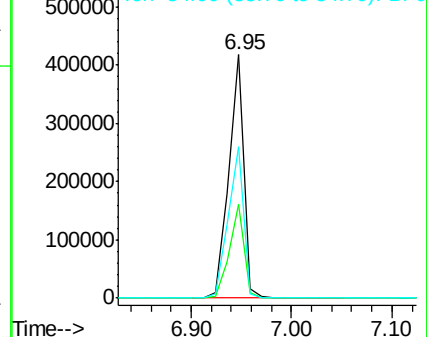
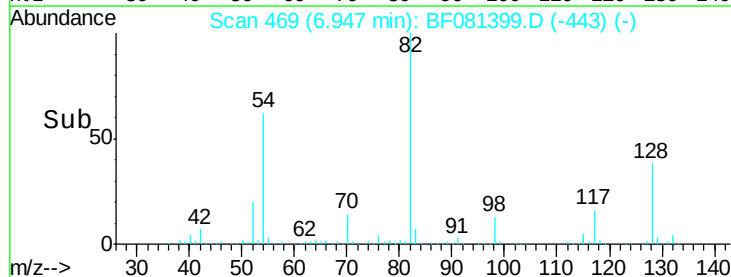
54 62.1 47.5 71.3

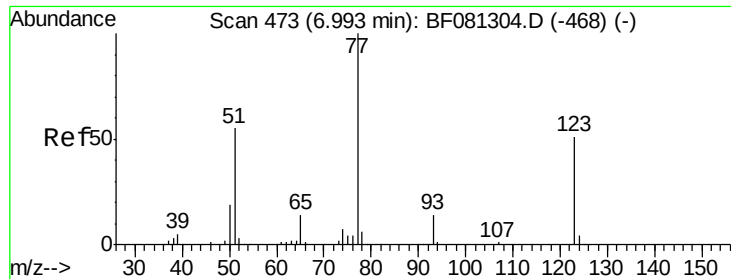


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 293.72 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.10 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

Instrument :

BNA_F

ClientSampleId :

HX2

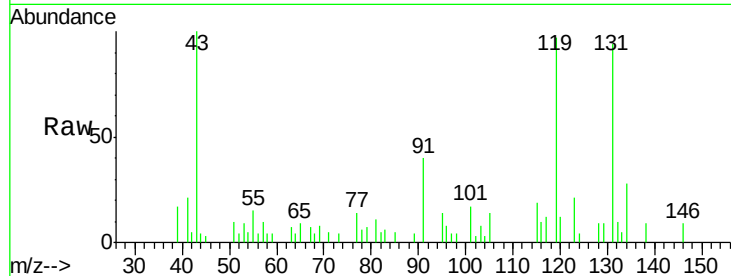
Tot Ion: 77 Resp: 2984

Ion Ratio Lower Upper

77 100

123 148.8 59.8 89.8#

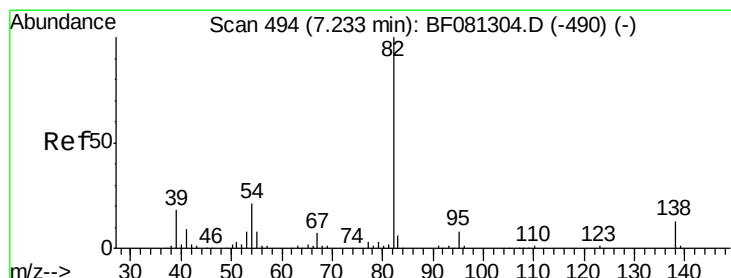
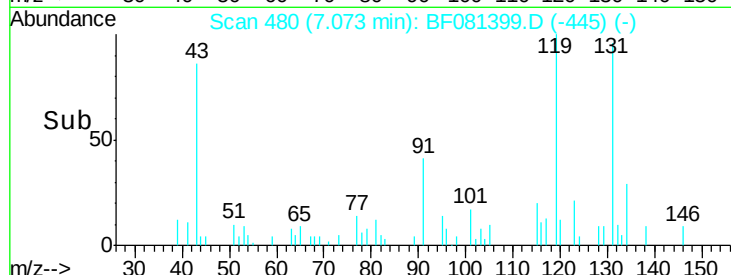
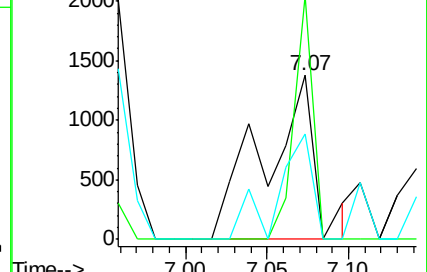
65 64.7 10.2 15.4#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 77.27 ng

RT: 7.39 min Scan# 508

Delta R.T. 0.17 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

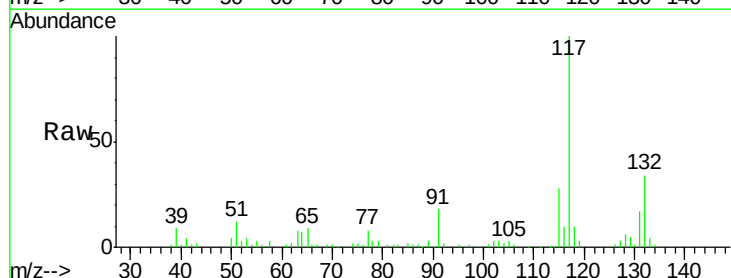
Tgt Ion: 82 Resp: 1406

Ion Ratio Lower Upper

82 100

95 82.8 4.0 6.0#

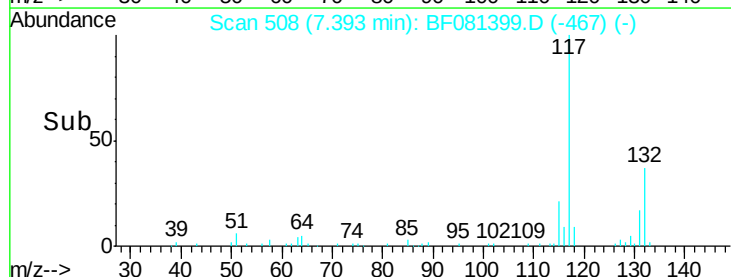
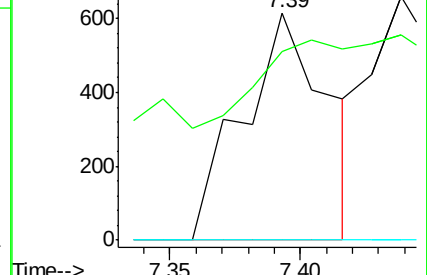
138 0.0 18.3 27.5#

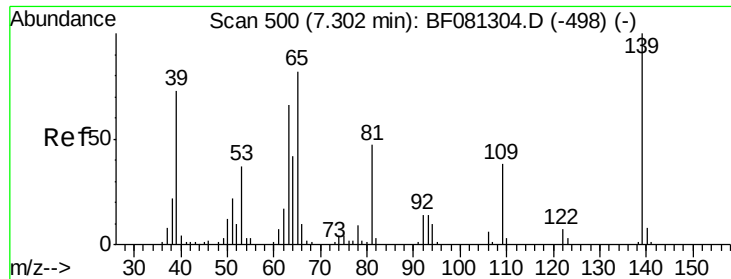


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

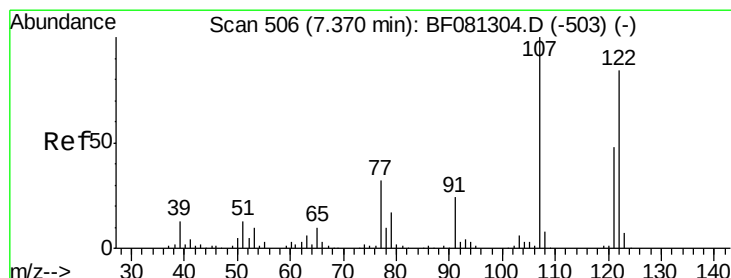
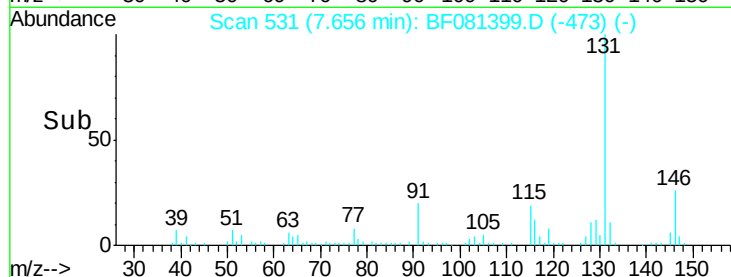
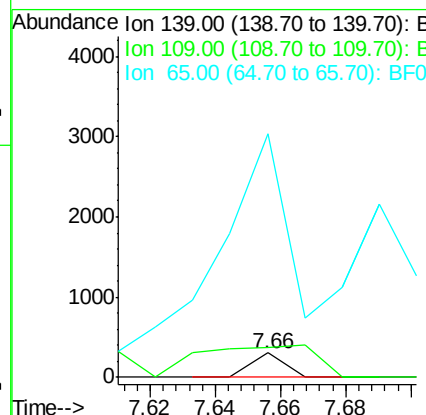
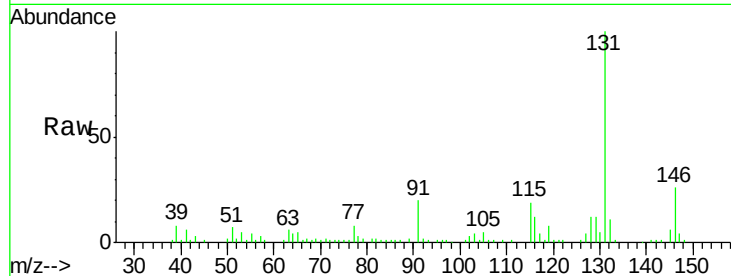




#26
2-Nitrophenol
Concen: 47.20 ng
RT: 7.66 min Scan# 531
Delta R.T. 0.37 min
Lab File: BF081399.D
Acq: 4 Sep 2015 3:15

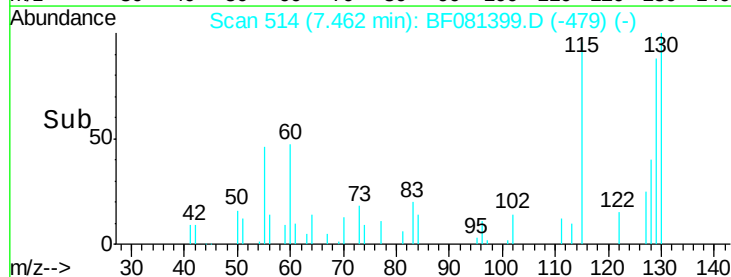
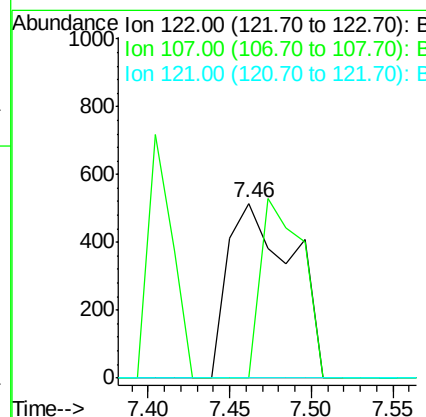
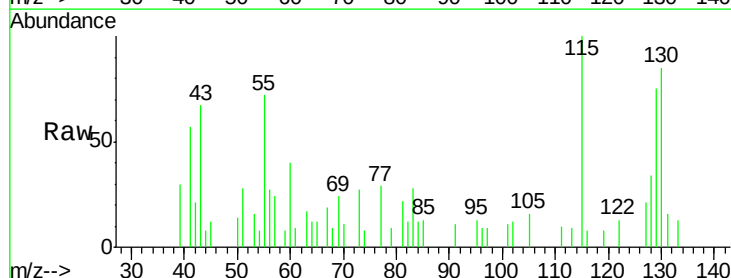
Instrument :
BNA_F
ClientSampled :
HX2

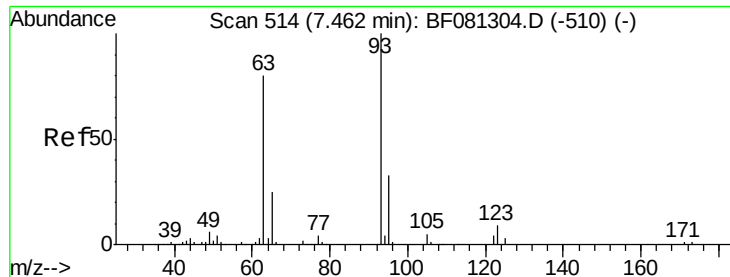
Tot Ion:139 Resp: 209
Ion Ratio Lower Upper
139 100
109 125.0 11.0 16.4#
65 998.4 24.7 37.1#



#27
2,4-Dimethylphenol
Concen: 184.23 ng
RT: 7.46 min Scan# 514
Delta R.T. 0.10 min
Lab File: BF081399.D
Acq: 4 Sep 2015 3:15

Tgt Ion:122 Resp: 1409
Ion Ratio Lower Upper
122 100
107 0.0 71.8 107.6#
121 0.0 42.3 63.5#





#28

bis(2-Chloroethoxy)methane

Concen: 23.40 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.22 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

Instrument :

BNA_F

ClientSampleId :

HX2

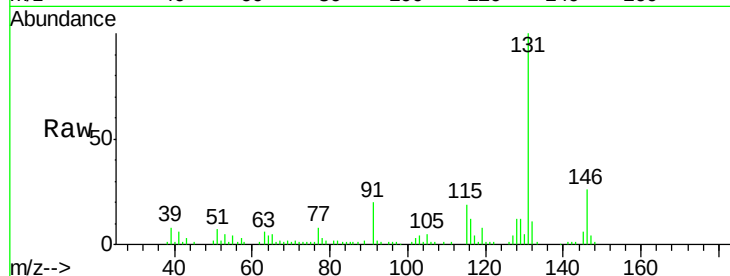
Tot Ion: 93 Resp: 246

Ion Ratio Lower Upper

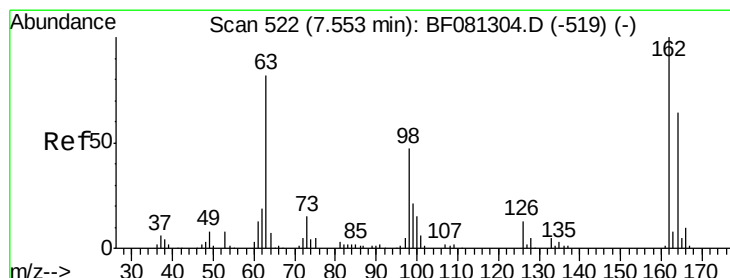
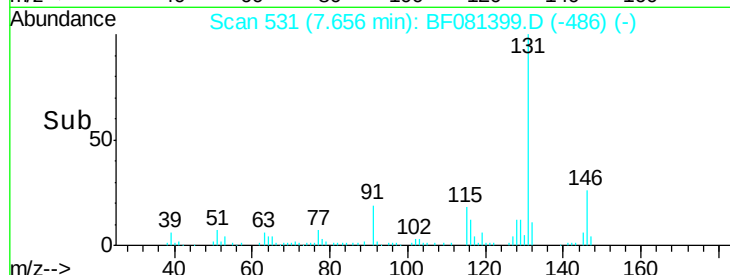
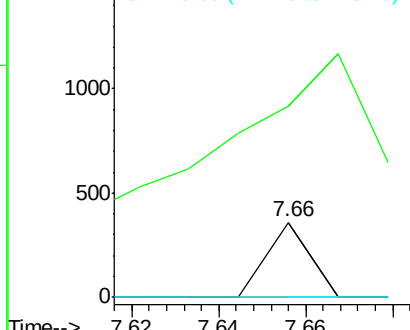
93 100

95 255.9 27.5 41.3#

123 0.0 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): BF0



#29

2,4-Dichlorophenol

Concen: 34.68 ng

RT: 7.71 min Scan# 536

Delta R.T. 0.17 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

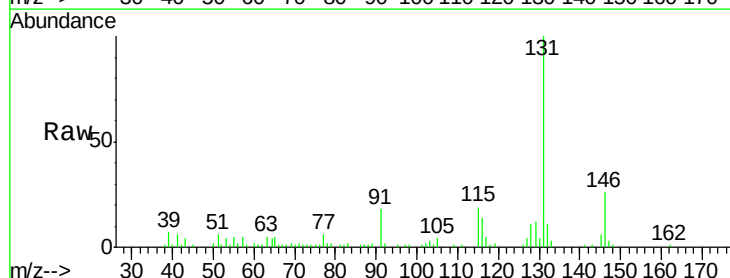
Tgt Ion:162 Resp: 230

Ion Ratio Lower Upper

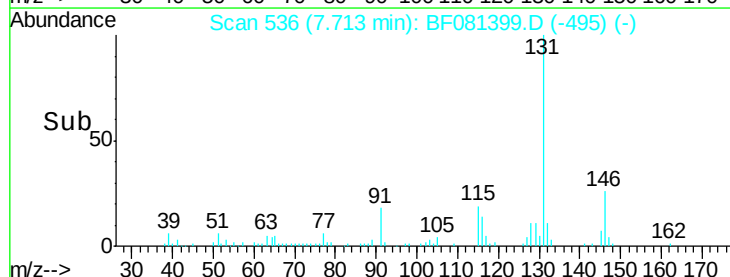
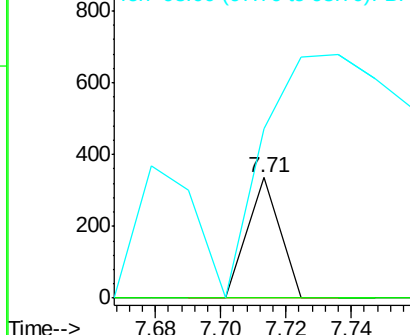
162 100

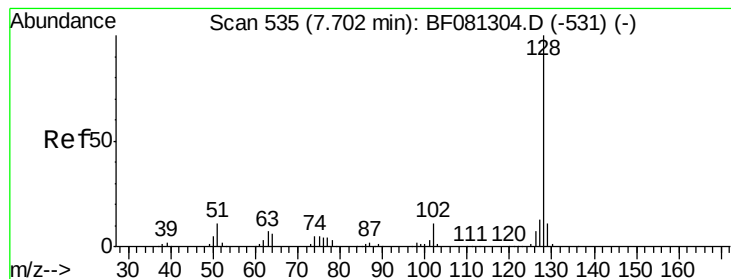
164 0.0 44.9 84.9#

98 140.2 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





#31

Naphthalene

Concen: 203.32 ng

RT: 7.86 min Scan# 549

Delta R.T. 0.17 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

Instrument :

BNA_F

ClientSampled :

HX2

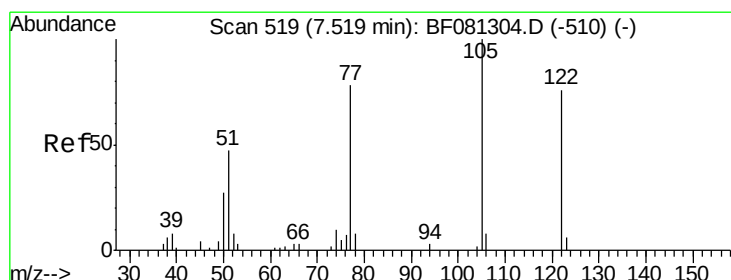
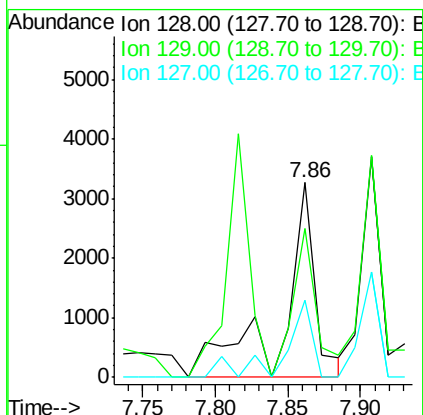
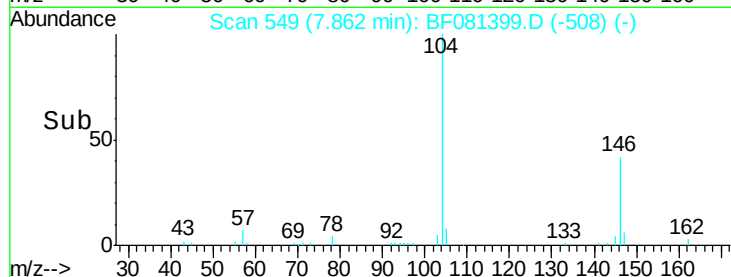
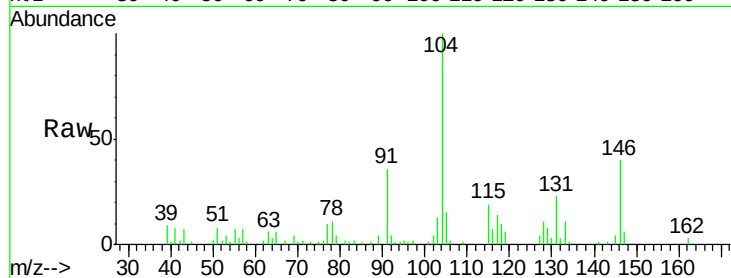
Tot Ion:128 Resp: 5118

Ion Ratio Lower Upper

128 100

129 76.5 8.4 12.6#

127 39.7 9.9 14.9#



#32

Benzoic acid

Concen: 58.39 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.15 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

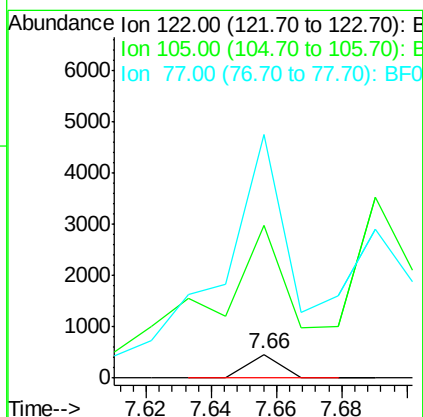
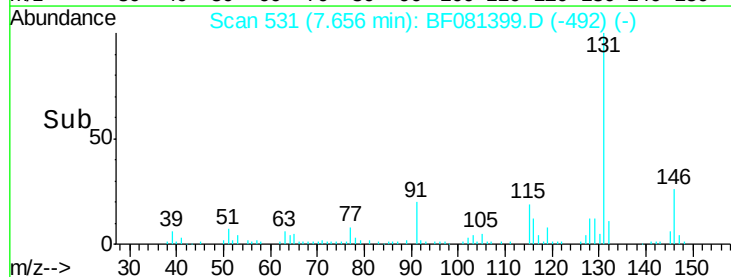
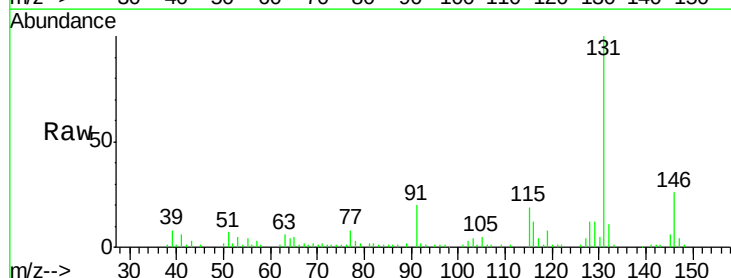
Tgt Ion:122 Resp: 322

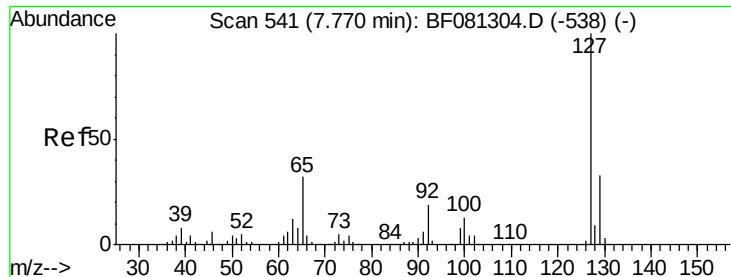
Ion Ratio Lower Upper

122 100

105 636.0 76.1 116.1#

77 1011.1 40.5 80.5#

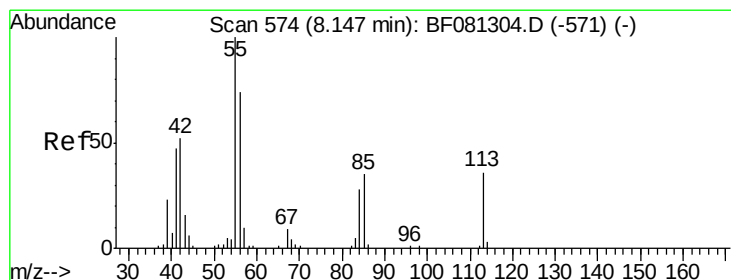
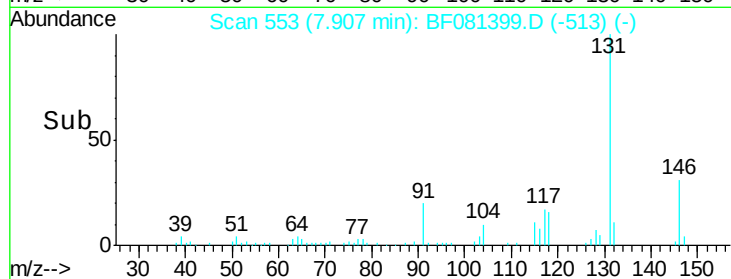
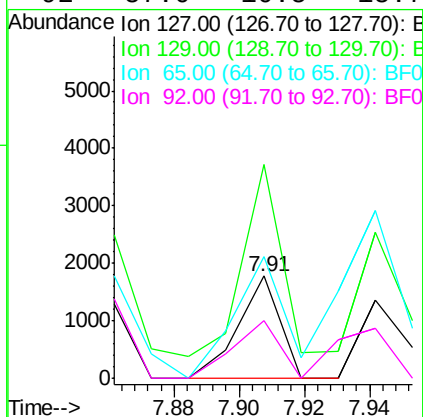
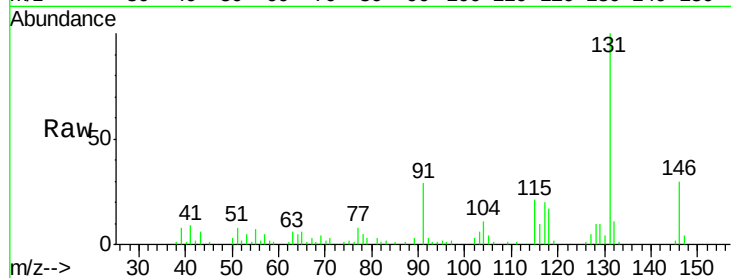




#33
4-Chloroaniline
Concen: 152.04 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.16 min
Lab File: BF081399.D
Acq: 4 Sep 2015 3:15

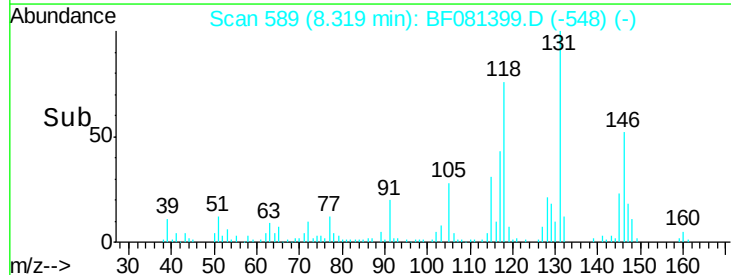
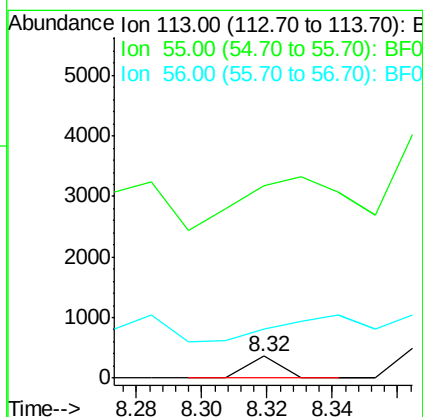
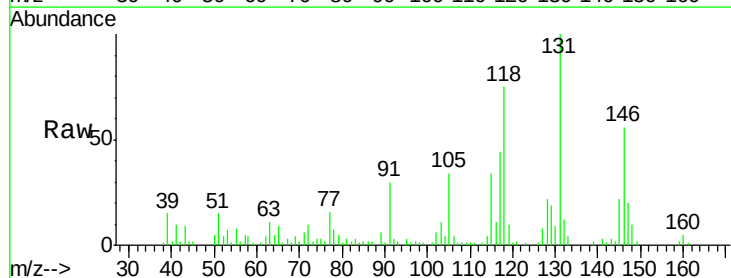
Instrument :
BNA_F
ClientSampleId :
HX2

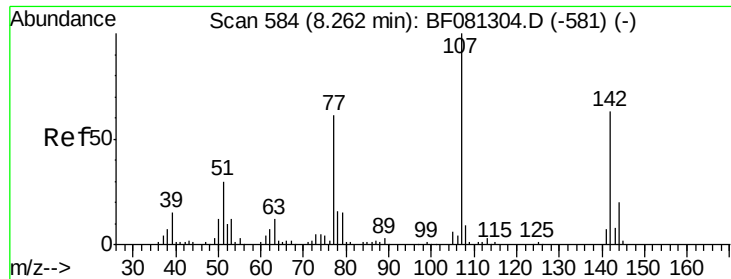
Tot Ion:127	Resp:	1561
Ion Ratio	Lower	Upper
127	100	
129	209.1	25.8 38.6#
65	118.6	17.9 26.9#
92	57.0	10.5 15.7#



#35
Caprolactam
Concen: 121.93 ng
RT: 8.32 min Scan# 589
Delta R.T. 0.17 min
Lab File: BF081399.D
Acq: 4 Sep 2015 3:15

Tgt Ion:113	Resp:	248
Ion Ratio	Lower	Upper
113	100	
55	878.2	152.4 192.4#
56	224.6	104.6 144.6#

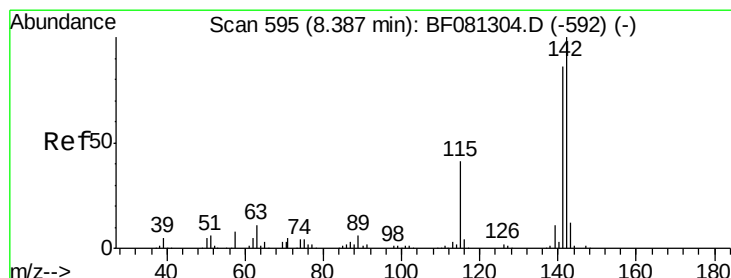
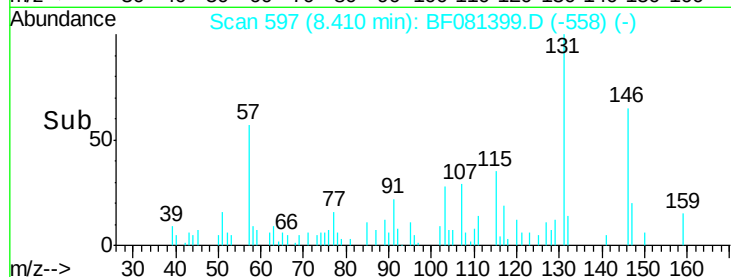
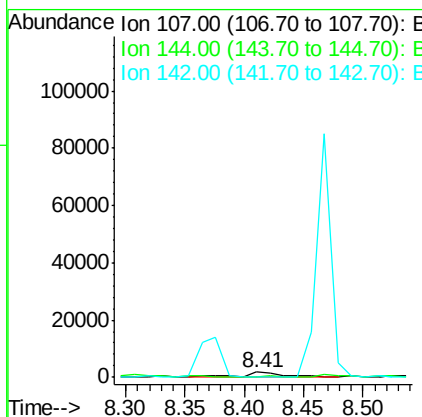
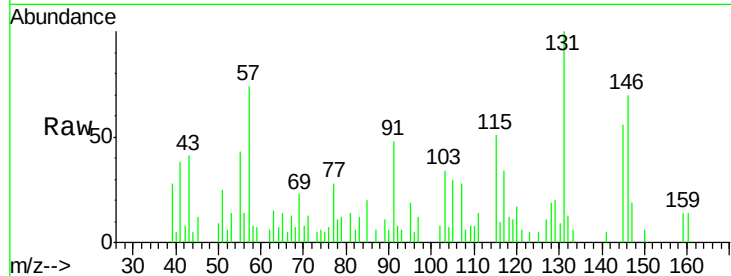




#36
4-Chloro-3-methylphenol
Concen: 632.06 ng
RT: 8.41 min Scan# 597
Delta R.T. 0.15 min
Lab File: BF081399.D
Acq: 4 Sep 2015 3:15

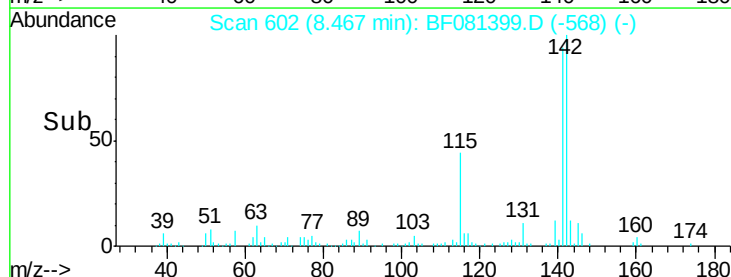
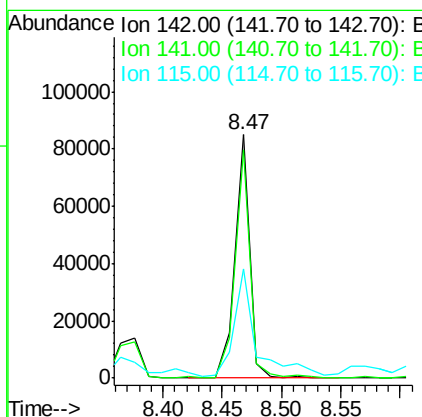
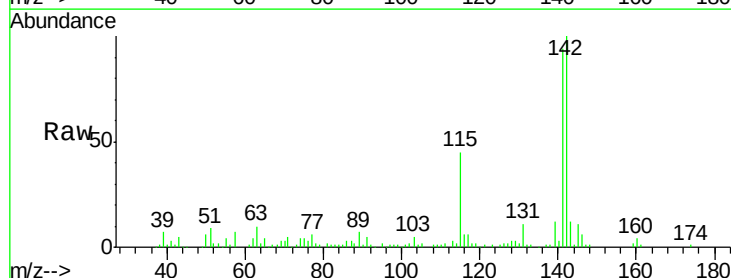
Instrument :
BNA_F
ClientSampleId :
HX2

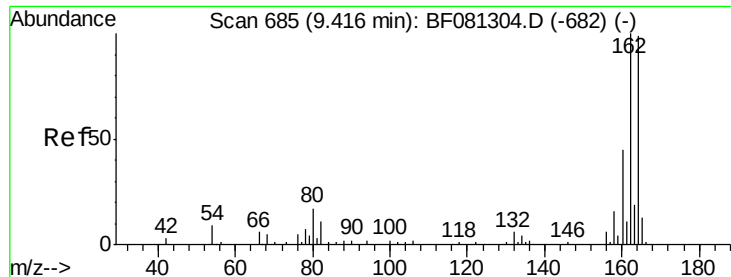
Tot Ion:107 Resp: 4692
Ion Ratio Lower Upper
107 100
144 0.0 25.4 38.0#
142 0.0 77.3 115.9#



#37
2-Methylnaphthalene
Concen: 4512.02 ng
RT: 8.47 min Scan# 602
Delta R.T. 0.09 min
Lab File: BF081399.D
Acq: 4 Sep 2015 3:15

Tgt Ion:142 Resp: 73912
Ion Ratio Lower Upper
142 100
141 93.7 67.5 101.3
115 44.9 18.2 27.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.21 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

Instrument :

BNA_F

ClientSampleId :

HX2

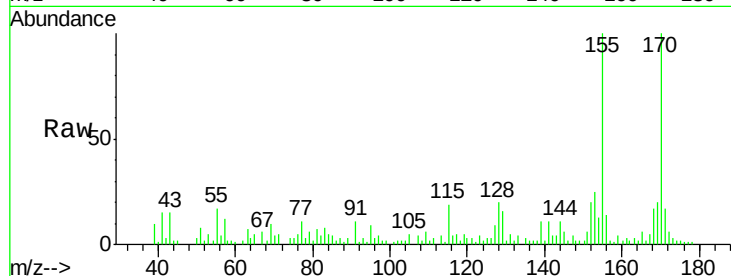
Tot Ion:164 Resp: 276

Ion Ratio Lower Upper

164 100

162 118.7 75.2 112.8#

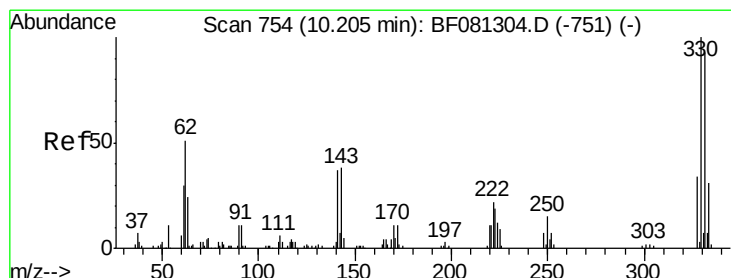
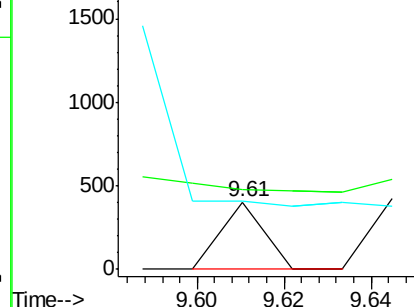
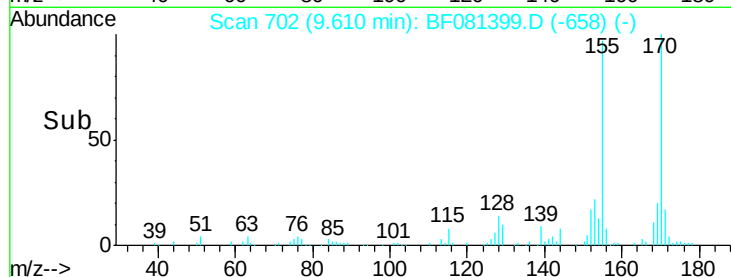
160 101.0 31.5 47.3#



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



#41

2,4,6-Tribromophenol

Concen: 46909.64 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

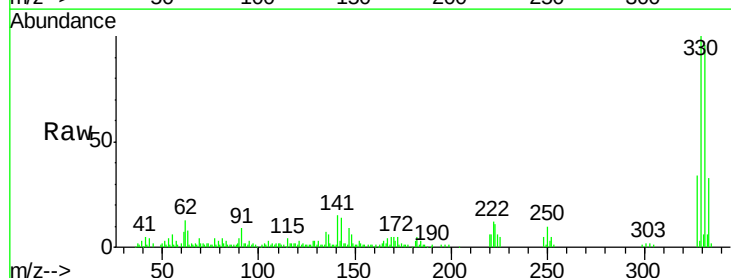
Tgt Ion:330 Resp: 115281

Ion Ratio Lower Upper

330 100

332 97.2 76.6 114.8

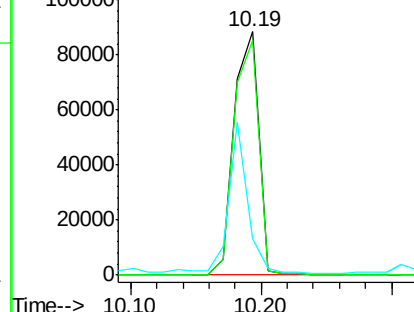
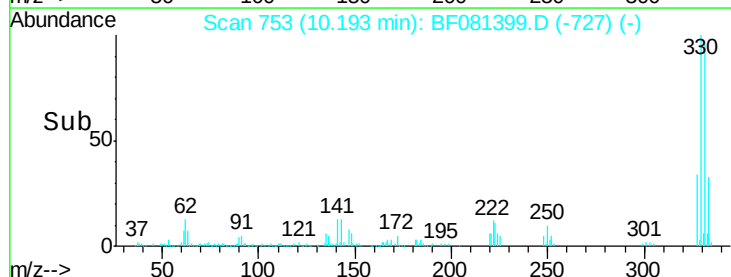
141 47.3 29.7 44.5#

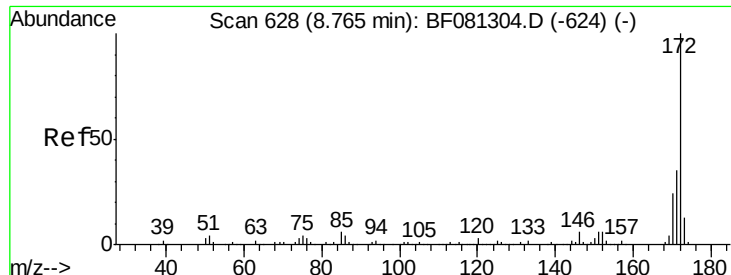


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

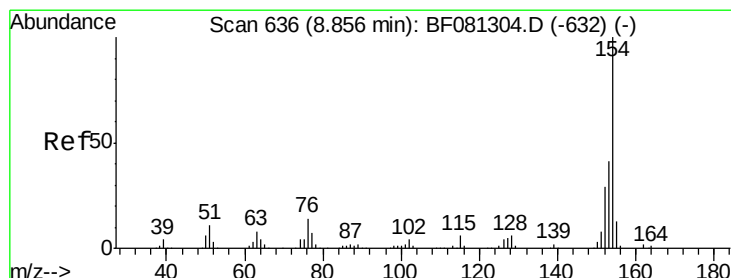
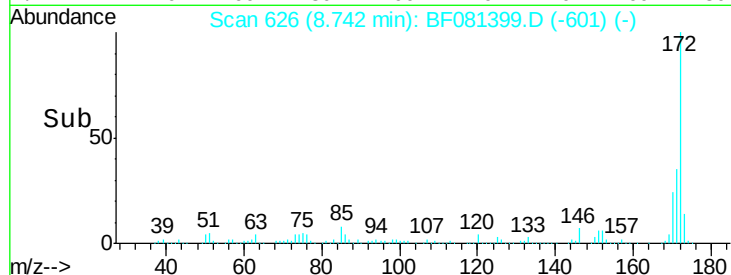
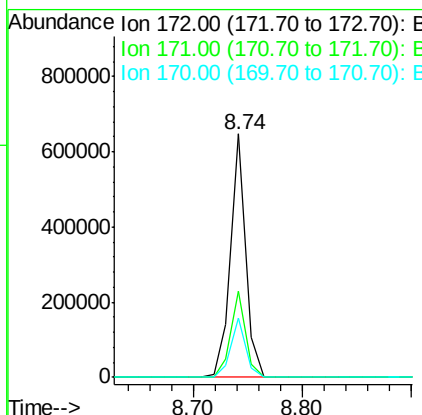
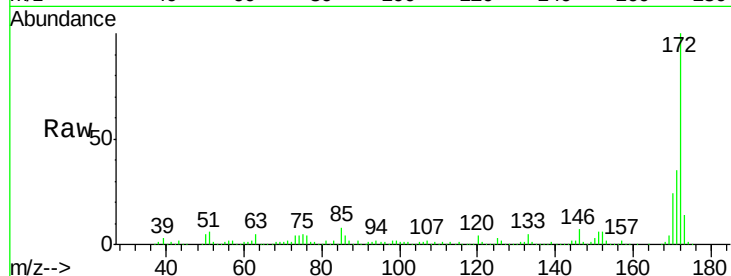




#44
 2-Fluorobiphenyl
 Concen: 28882.10 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081399.D
 Acq: 4 Sep 2015 3:15

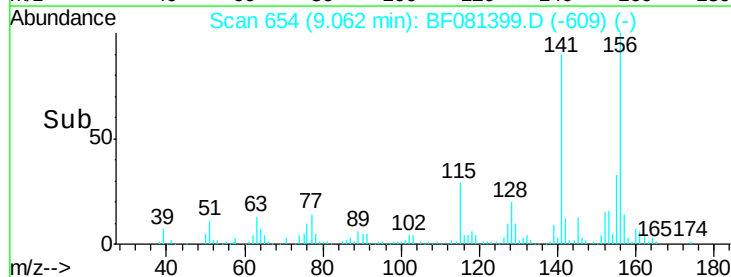
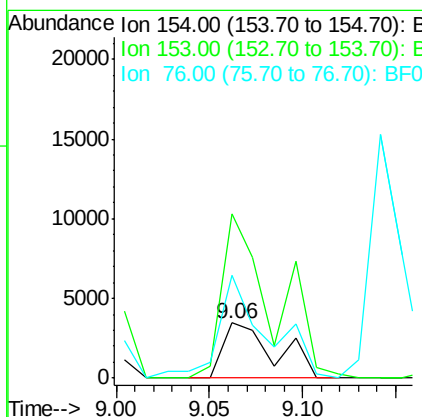
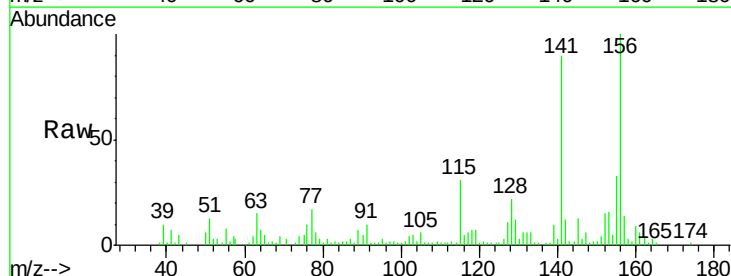
Instrument :
 BNA_F
 ClientSampleId :
 HX2

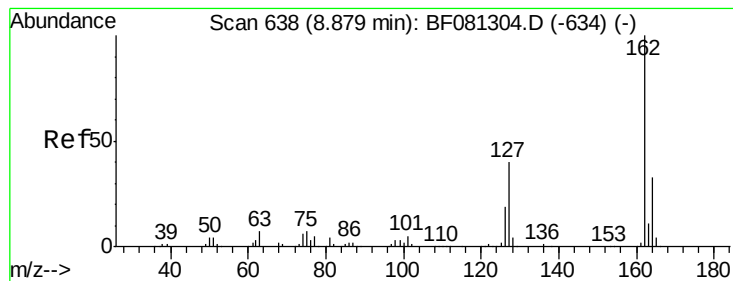
Tot Ion:172 Resp: 622049
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.1 39.1
 170 24.3 17.4 26.2



#45
 1,1'-Biphenyl
 Concen: 263.66 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.22 min
 Lab File: BF081399.D
 Acq: 4 Sep 2015 3:15

Tgt Ion:154 Resp: 6695
 Ion Ratio Lower Upper
 154 100
 153 297.2 17.1 57.1#
 76 186.9 0.0 31.6#





#46

2-Chloronaphthalene

Concen: 341.21 ng

RT: 9.06 min Scan# 654

Delta R.T. 0.21 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

Instrument :

BNA_F

ClientSampled :

HX2

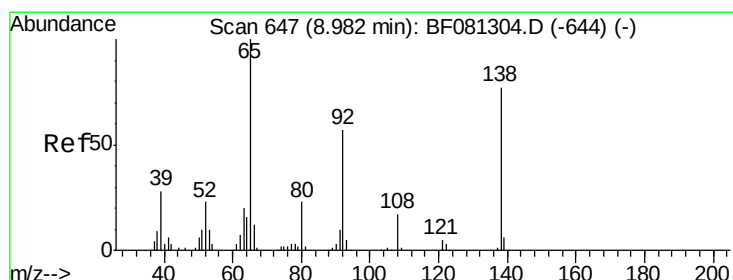
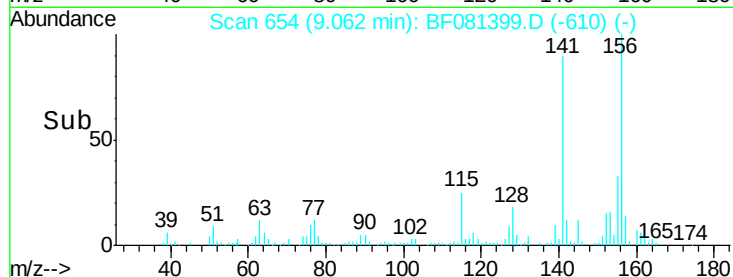
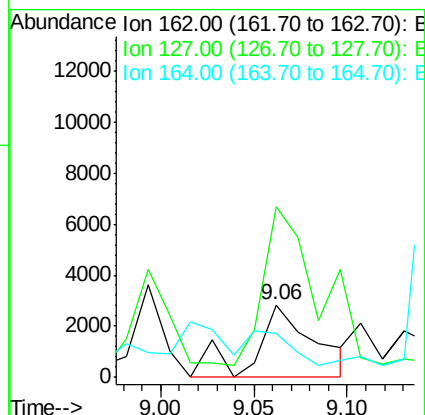
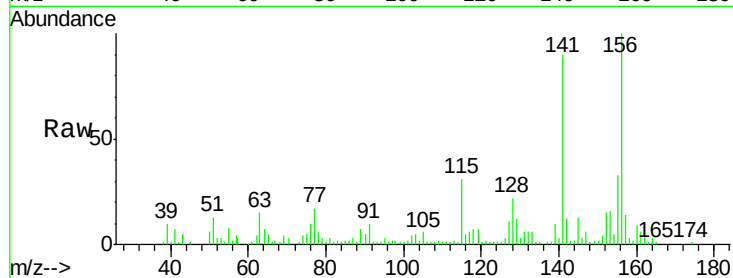
Tot Ion:162 Resp: 6257

Ion Ratio Lower Upper

162 100

127 233.8 27.6 41.4#

164 60.7 25.4 38.2#



#47

2-Nitroaniline

Concen: 492.67 ng

RT: 9.14 min Scan# 661

Delta R.T. 0.17 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

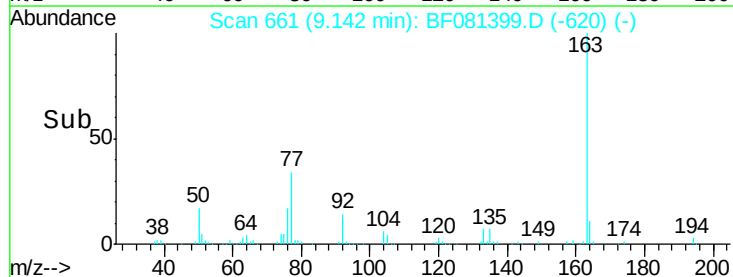
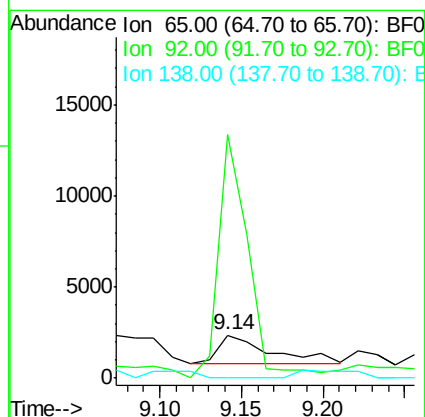
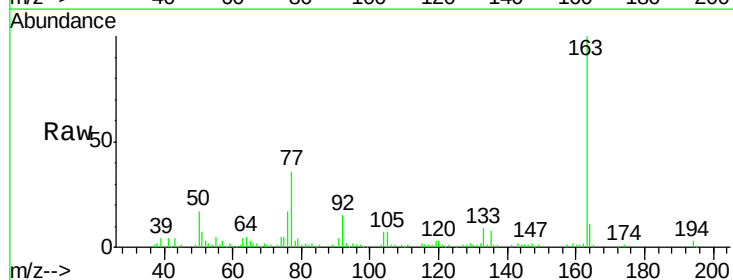
Tgt Ion: 65 Resp: 3682

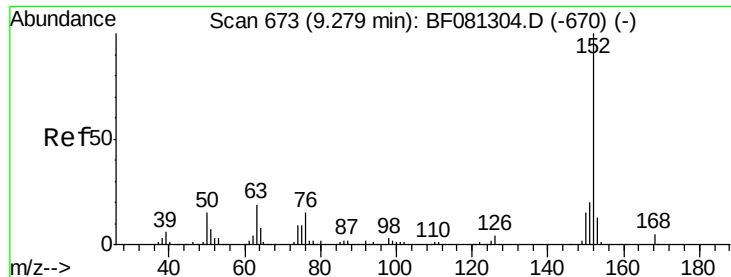
Ion Ratio Lower Upper

65 100

92 566.8 55.4 83.0#

138 0.0 115.5 173.3#





#48

Acenaphthylene

Concen: 131.47 ng

RT: 9.51 min Scan# 693

Delta R.T. 0.24 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

Instrument :

BNA_F

ClientSampleId :

HX2

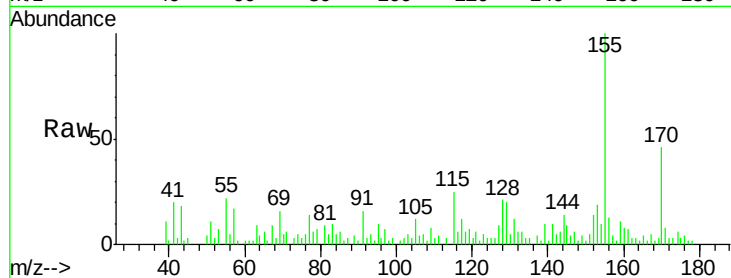
Tot Ion:152 Resp: 4277

Ion Ratio Lower Upper

152 100

151 35.7 14.6 22.0#

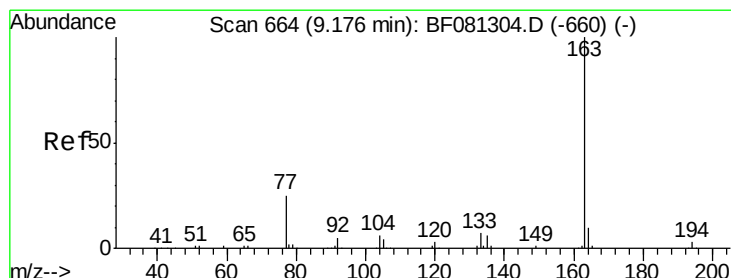
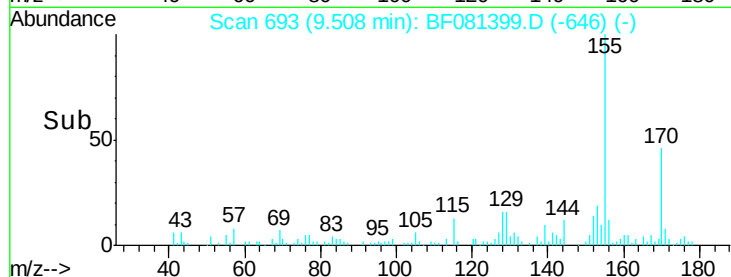
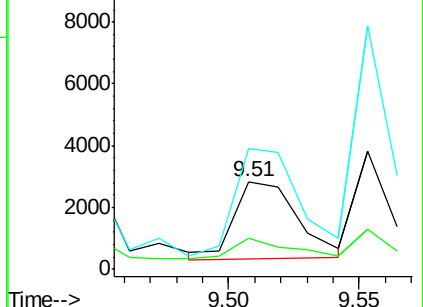
153 136.8 10.3 15.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 6653.82 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

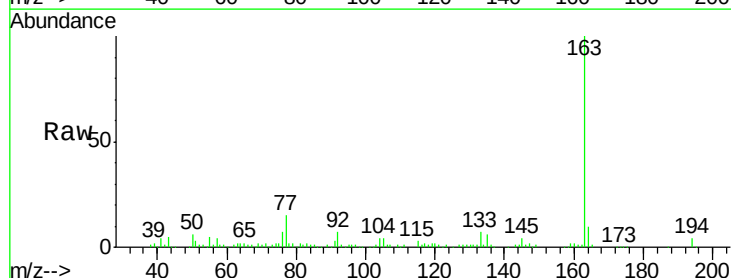
Tgt Ion:163 Resp: 142684

Ion Ratio Lower Upper

163 100

194 3.7 4.4 6.6#

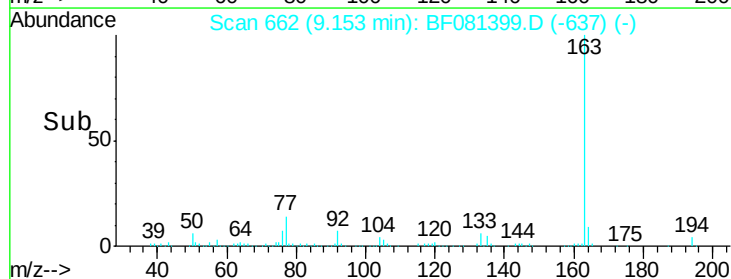
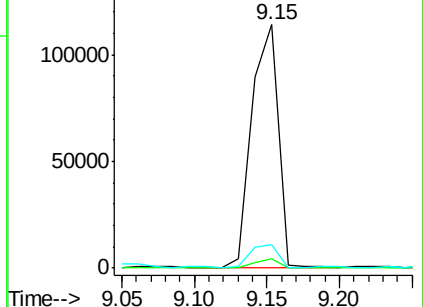
164 9.6 8.3 12.5

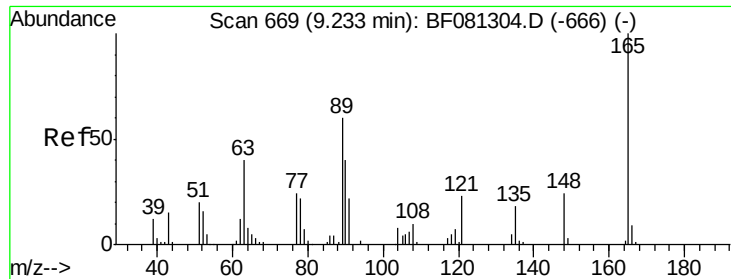


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

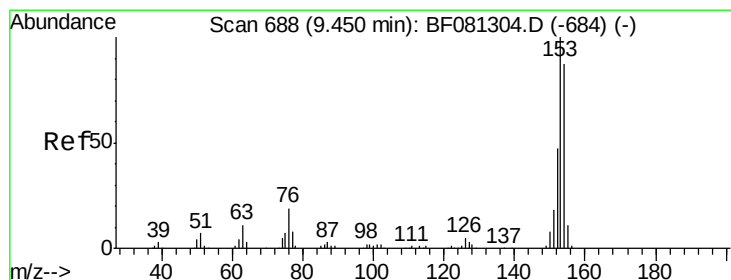
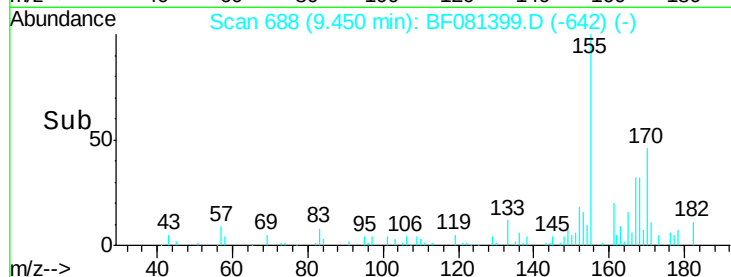
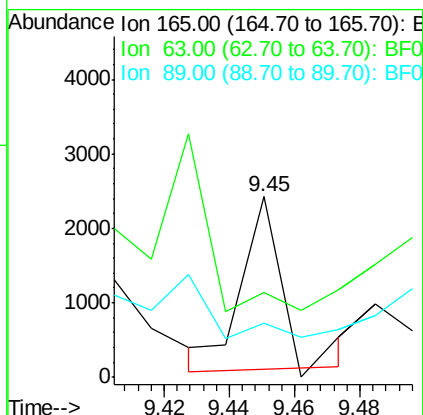
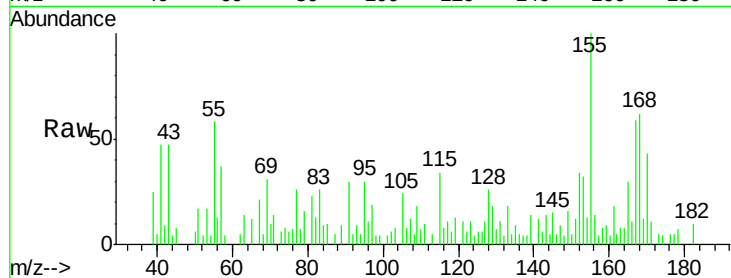




#50
 2,6-Dinitrotoluene
 Concen: 416.69 ng
 RT: 9.45 min Scan# 688
 Delta R.T. 0.23 min
 Lab File: BF081399.D
 Acq: 4 Sep 2015 3:15

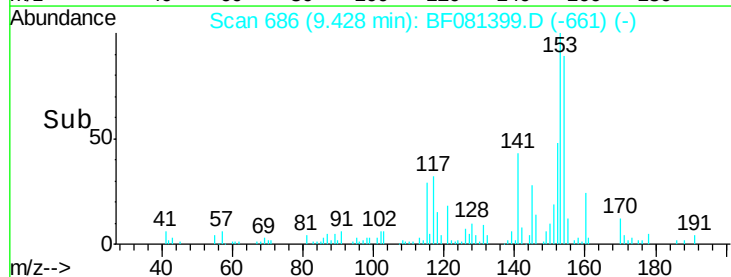
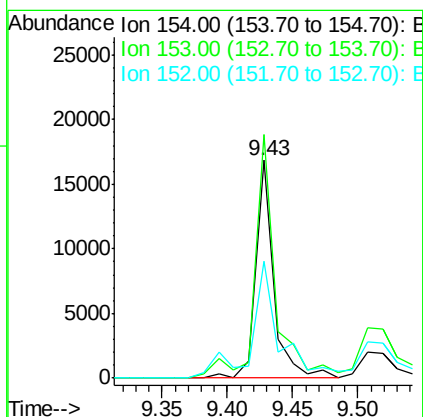
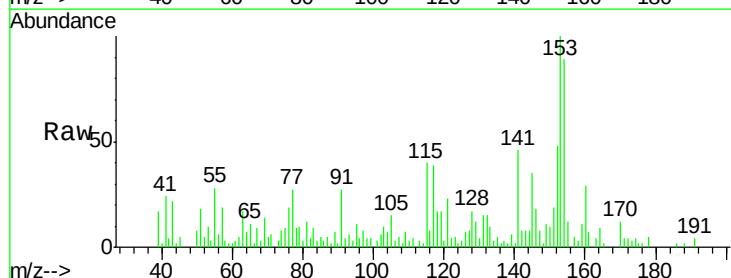
Instrument :
 BNA_F
 ClientSampled :
 HX2

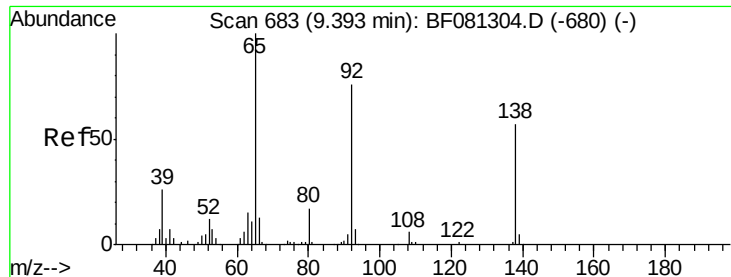
Tot Ion:165 Resp: 2028
 Ion Ratio Lower Upper
 165 100
 63 46.9 32.3 48.5
 89 30.0 28.6 43.0



#51
 Acenaphthene
 Concen: 869.84 ng
 RT: 9.43 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF081399.D
 Acq: 4 Sep 2015 3:15

Tgt Ion:154 Resp: 16098
 Ion Ratio Lower Upper
 154 100
 153 111.8 82.1 123.1
 152 53.9 37.9 56.9





#52

3-Nitroaniline

Concen: 177.05 ng

RT: 9.60 min Scan# 701

Delta R.T. 0.22 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

Instrument :

BNA_F

ClientSampleId :

HX2

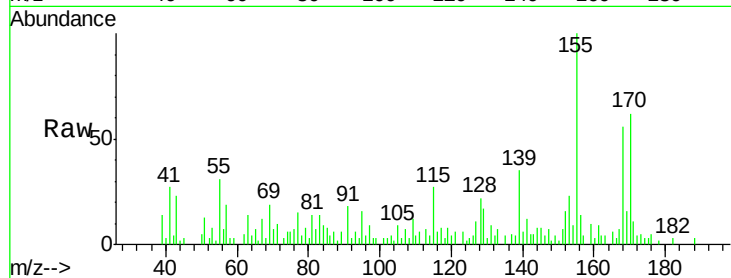
Tot Ion:138 Resp: 981

Ion Ratio Lower Upper

138 100

108 64.8 5.7 8.5#

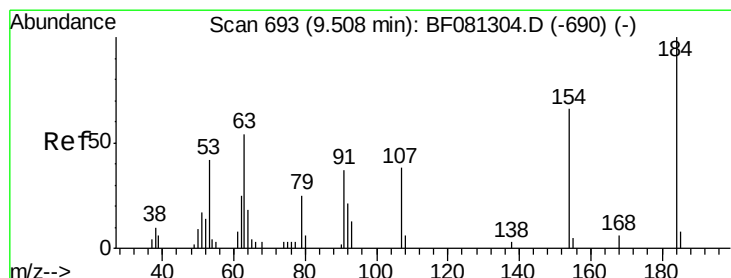
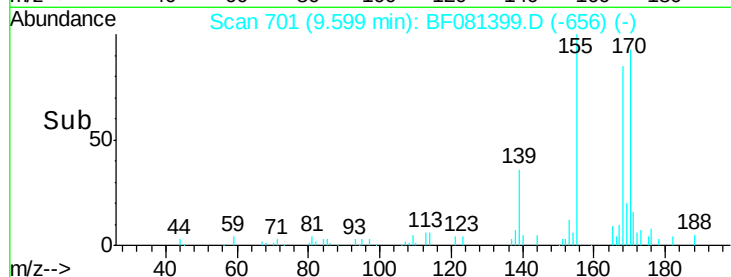
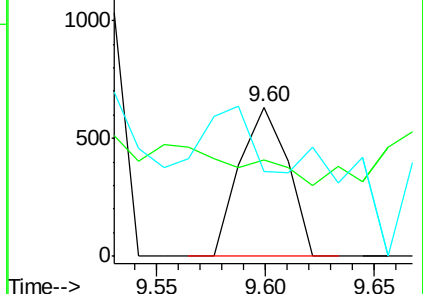
92 57.1 67.7 101.5#



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): E



#53

2,4-Dinitrophenol

Concen: 105.86 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.21 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

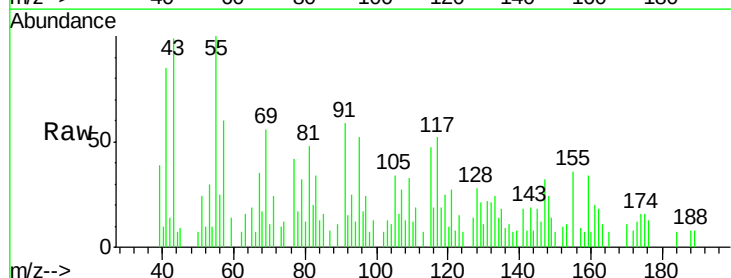
Tgt Ion:184 Resp: 217

Ion Ratio Lower Upper

184 100

63 218.9 35.4 53.2#

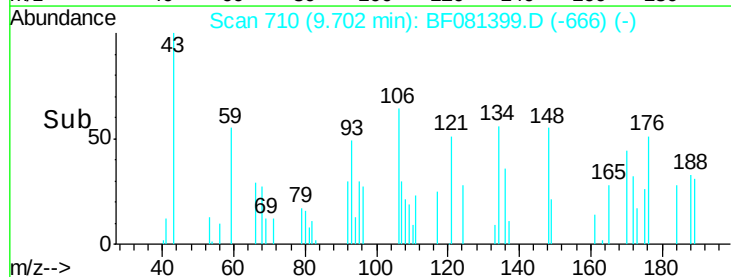
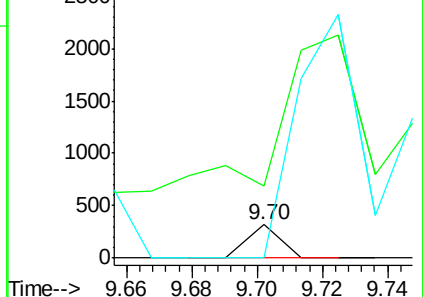
154 0.0 32.2 48.4#

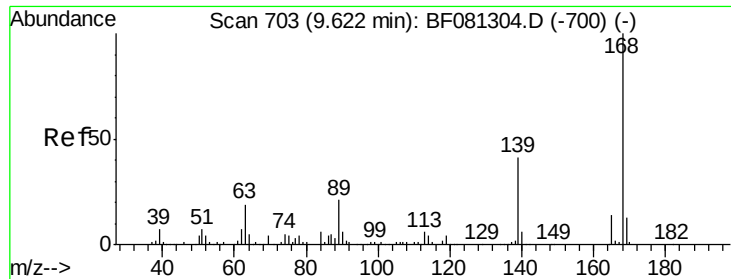


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

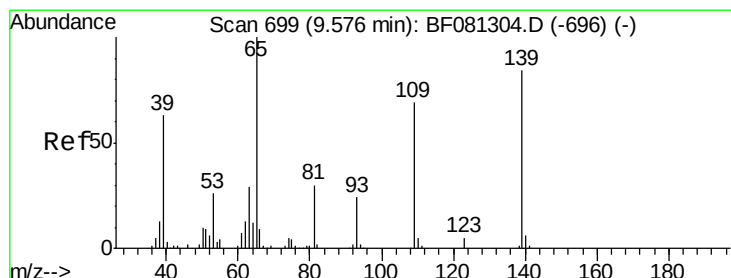
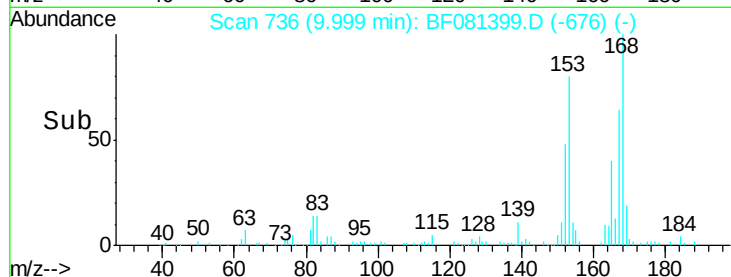
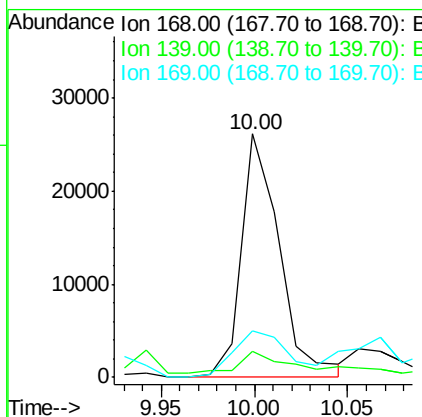
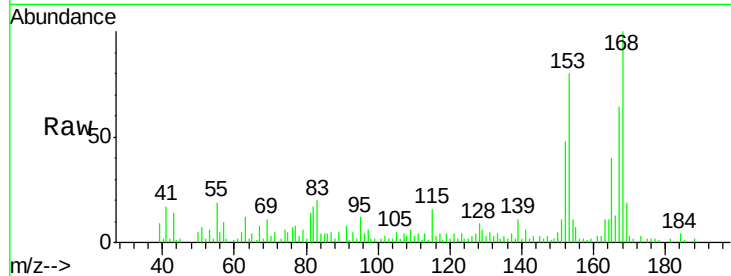




#54
 Dibenzofuran
 Concen: 1374.66 ng
 RT: 10.00 min Scan# 736
 Delta R.T. 0.39 min
 Lab File: BF081399.D
 Acq: 4 Sep 2015 3:15

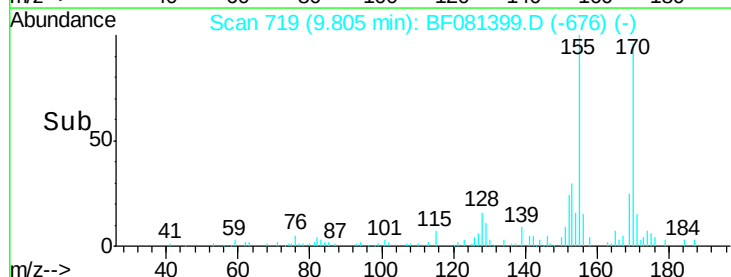
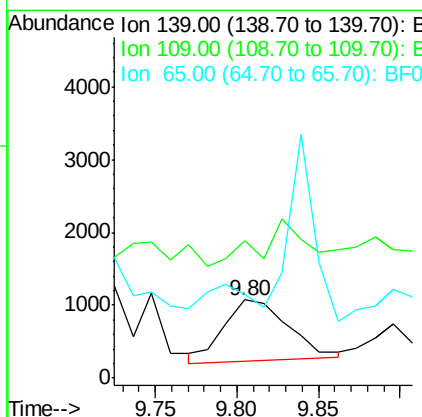
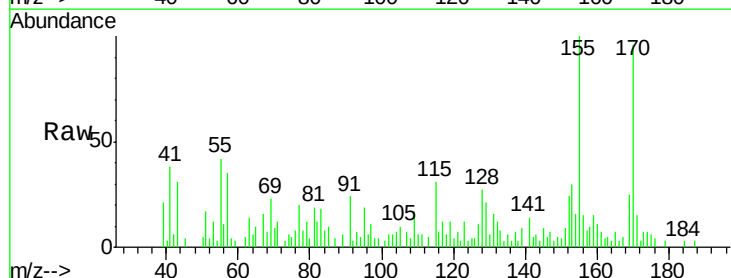
Instrument :
 BNA_F
 ClientSampleId :
 HX2

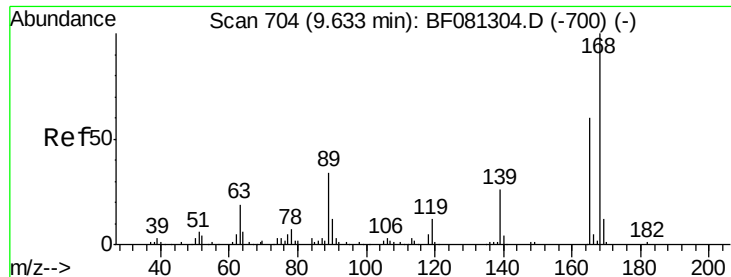
Tot Ion:168 Resp: 37147
 Ion Ratio Lower Upper
 168 100
 139 10.6 24.2 36.2#
 169 19.3 10.6 15.8#



#55
 4-Nitrophenol
 Concen: 657.30 ng
 RT: 9.80 min Scan# 719
 Delta R.T. 0.19 min
 Lab File: BF081399.D
 Acq: 4 Sep 2015 3:15

Tgt Ion:139 Resp: 2288
 Ion Ratio Lower Upper
 139 100
 109 175.8 12.7 52.7#
 65 106.9 45.9 85.9#

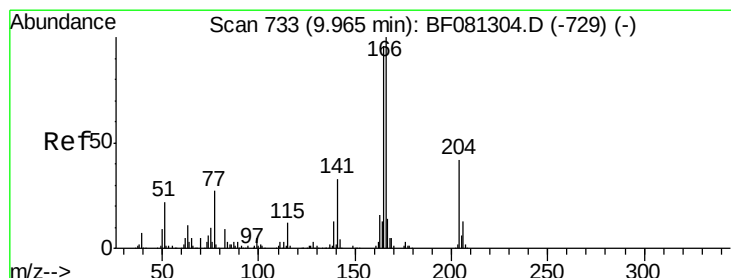
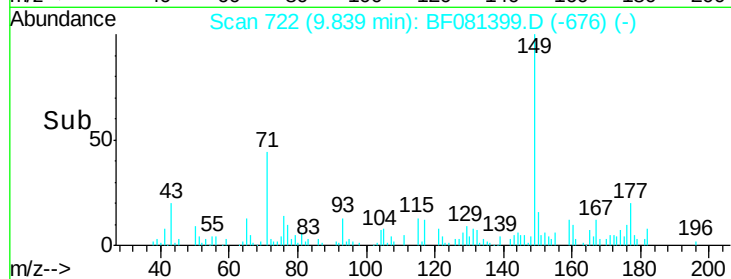
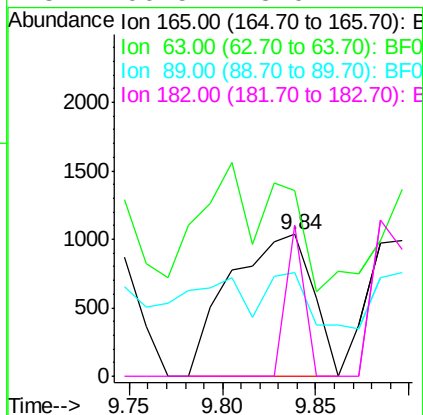
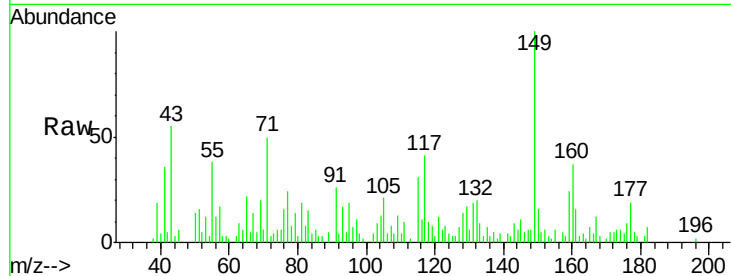




#56
 2,4-Dinitrotoluene
 Concen: 517.82 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.23 min
 Lab File: BF081399.D
 Acq: 4 Sep 2015 3:15

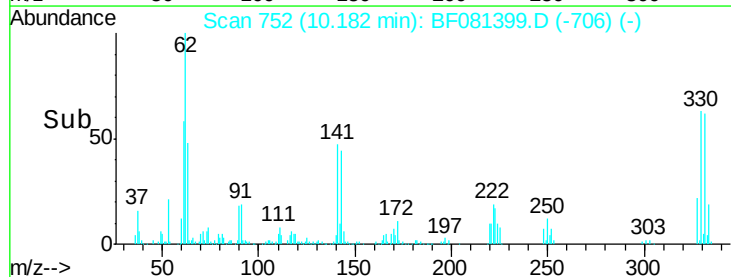
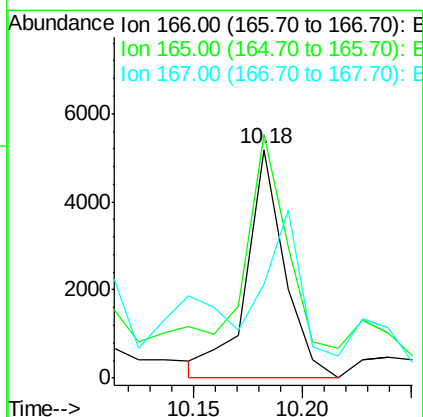
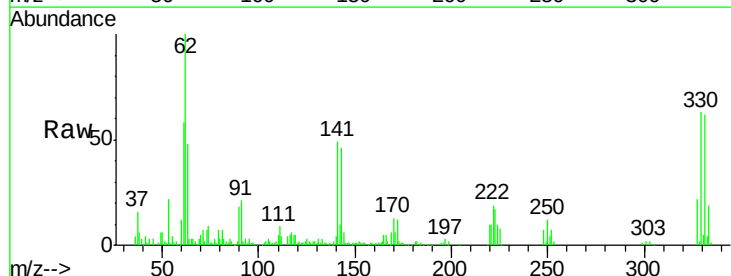
Instrument :
 BNA_F
 ClientSampleId :
 HX2

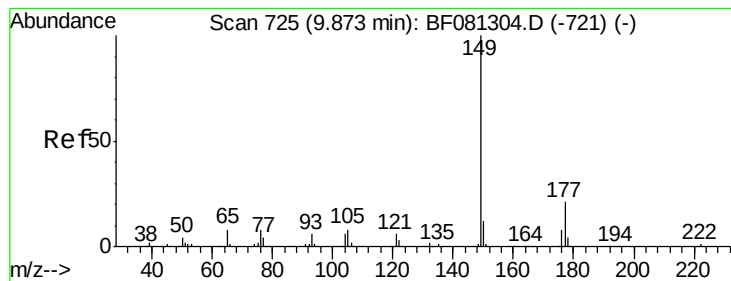
Tot Ion:165 Resp: 3209
 Ion Ratio Lower Upper
 165 100
 63 130.8 29.8 44.6#
 89 73.1 44.5 66.7#
 182 106.5 3.0 4.4#



#57
 Fluorene
 Concen: 309.41 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.23 min
 Lab File: BF081399.D
 Acq: 4 Sep 2015 3:15

Tgt Ion:166 Resp: 6345
 Ion Ratio Lower Upper
 166 100
 165 106.5 72.6 109.0
 167 41.2 10.6 16.0#





#59

Diethylphthalate

Concen: 46.24 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.16 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

Instrument :

BNA_F

ClientSampleId :

HX2

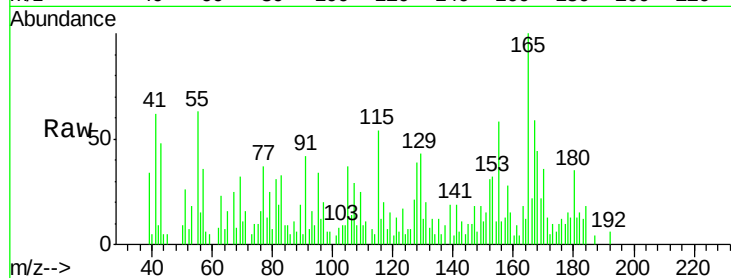
Tot Ion:149 Resp: 1043

Ion Ratio Lower Upper

149 100

177 54.2 17.5 26.3#

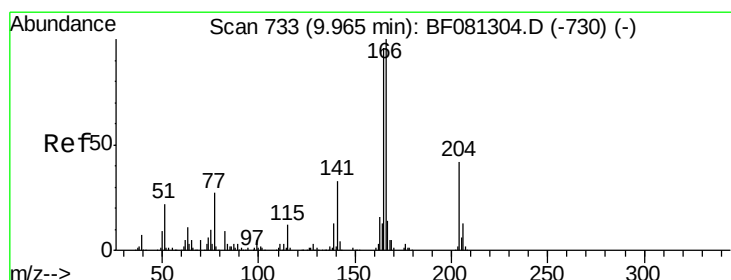
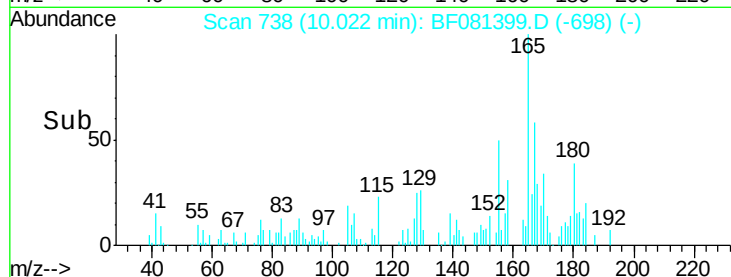
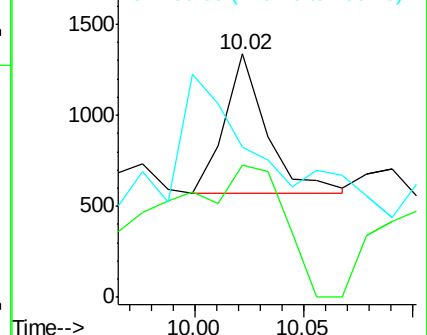
150 61.9 9.4 14.2#



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: 55.66 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.23 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

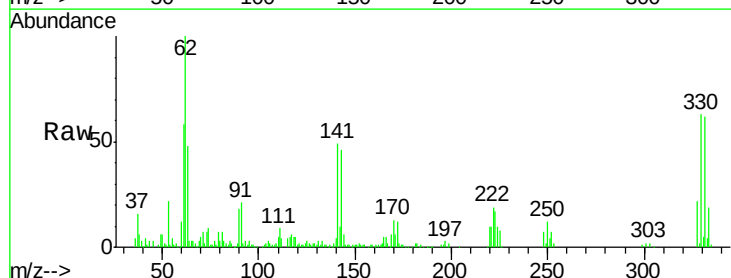
Tgt Ion:204 Resp: 532

Ion Ratio Lower Upper

204 100

206 0.0 24.8 37.2#

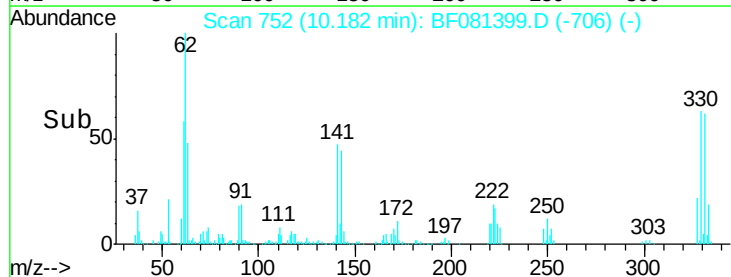
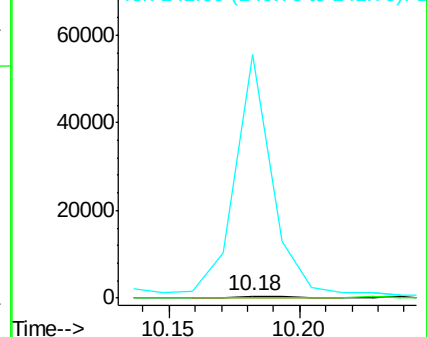
141 12207.5 42.2 63.4#

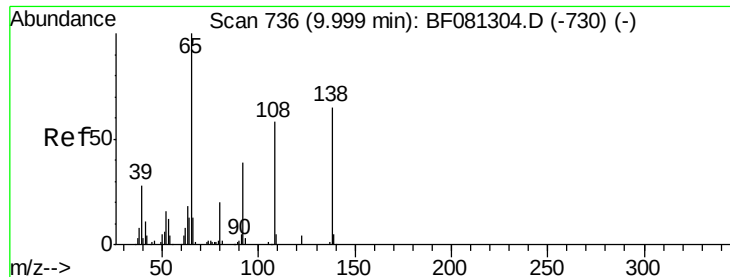


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 112.37 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.21 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

Instrument :

BNA_F

ClientSampleId :

HX2

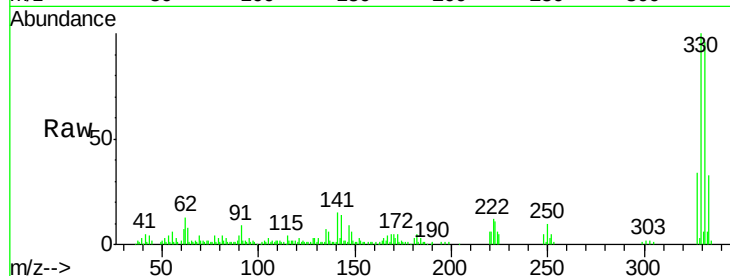
Tot Ion:138 Resp: 629

Ion Ratio Lower Upper

138 100

92 312.0 12.6 52.6#

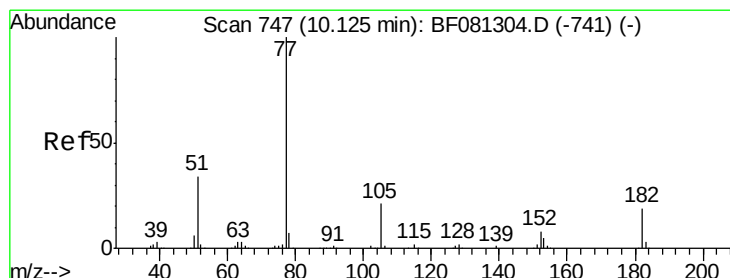
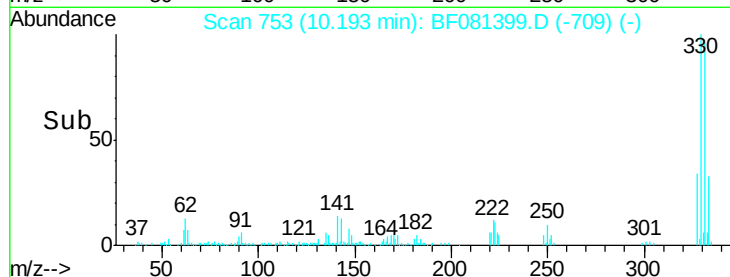
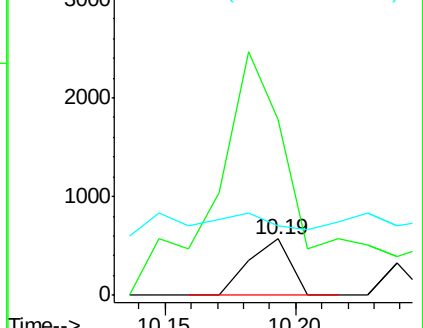
108 122.7 12.4 52.4#



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: 31.54 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.19 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

Tgt Ion: 77 Resp: 791

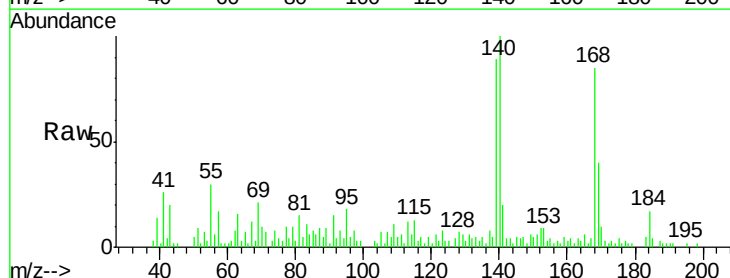
Ion Ratio Lower Upper

77 100

182 0.0 15.1 55.1#

105 69.6 3.4 43.4#

51 90.0 12.0 52.0#

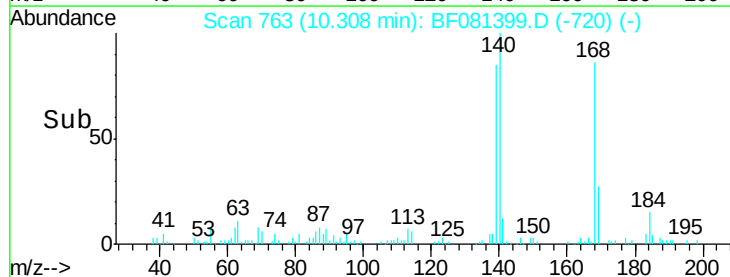
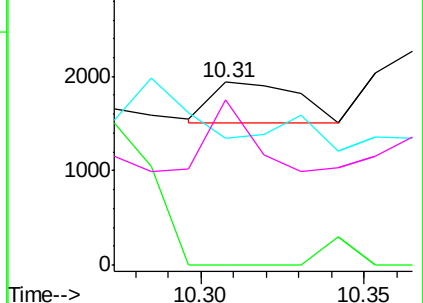


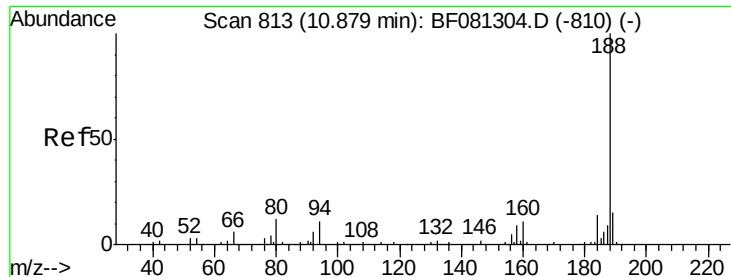
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

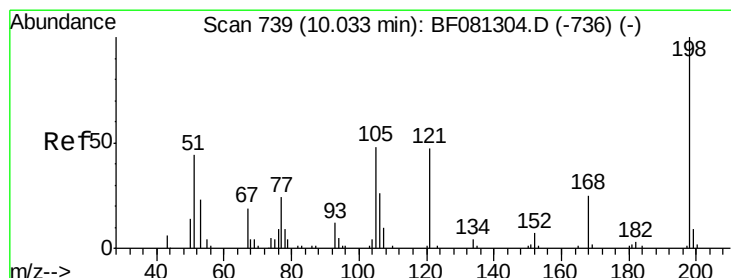
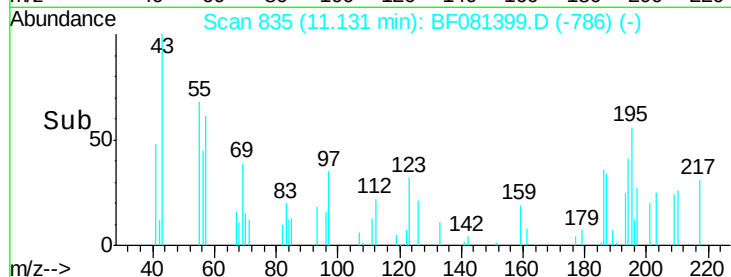
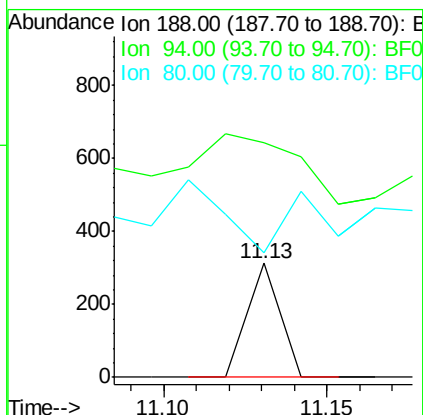
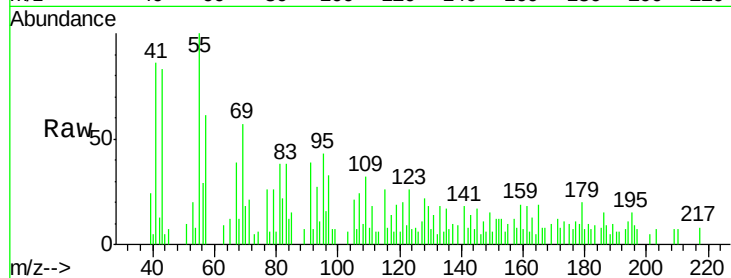




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.26 min
 Lab File: BF081399.D
 Acq: 4 Sep 2015 3:15

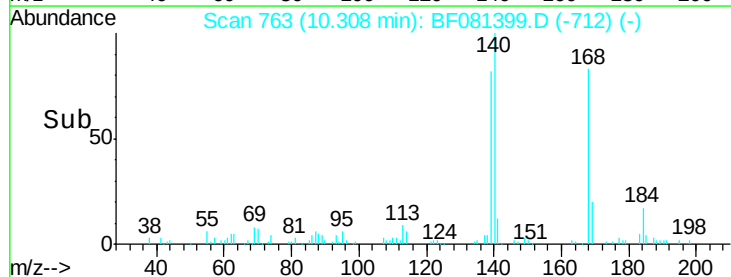
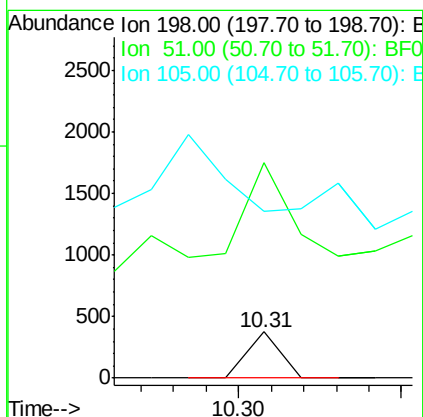
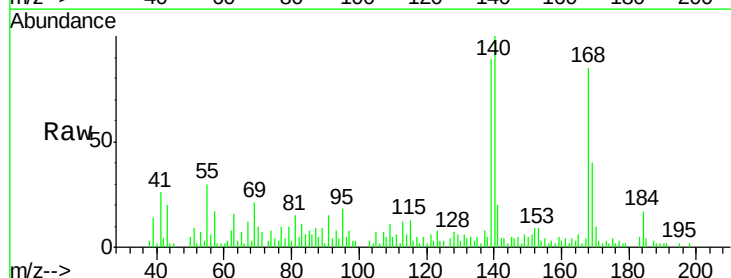
Instrument :
 BNA_F
 ClientSampled :
 HX2

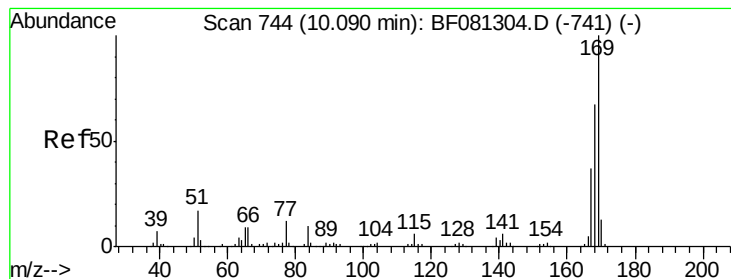
Tot Ion:188 Resp: 214
 Ion Ratio Lower Upper
 188 100
 94 206.4 11.1 16.7#
 80 109.9 11.0 16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 215.55 ng
 RT: 10.31 min Scan# 763
 Delta R.T. 0.29 min
 Lab File: BF081399.D
 Acq: 4 Sep 2015 3:15

Tgt Ion:198 Resp: 258
 Ion Ratio Lower Upper
 198 100
 51 464.4 39.6 79.6#
 105 359.3 28.5 68.5#

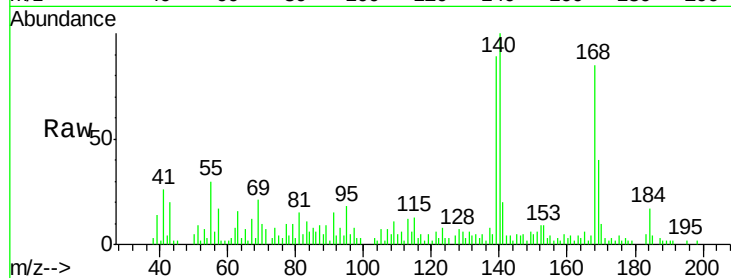




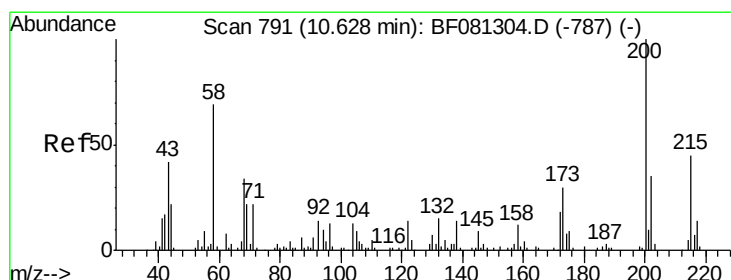
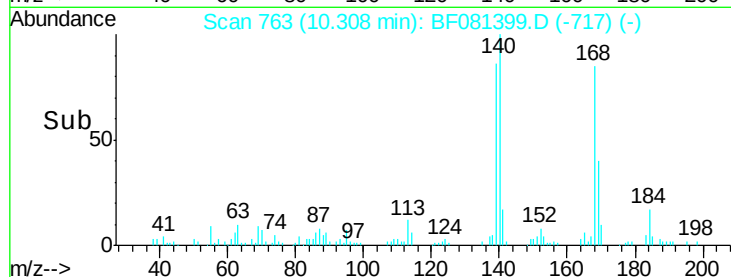
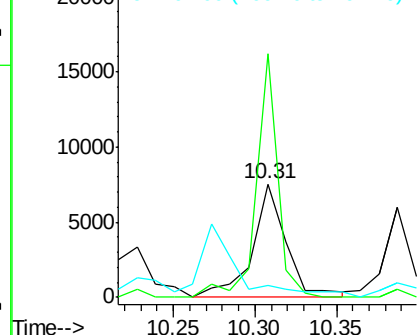
#65
n-Nitrosodiphenylamine
Concen: 1409.65 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.23 min
Lab File: BF081399.D
Acq: 4 Sep 2015 3:15

Instrument :
BNA_F
ClientSampleId :
HX2

Tot Ion:169 Resp: 10977
Ion Ratio Lower Upper
169 100
168 214.7 48.9 73.3#
167 10.8 26.2 39.4#

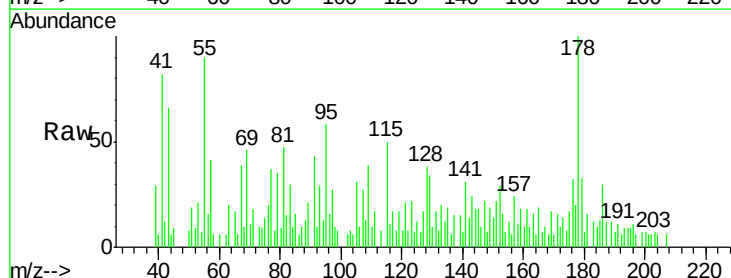


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

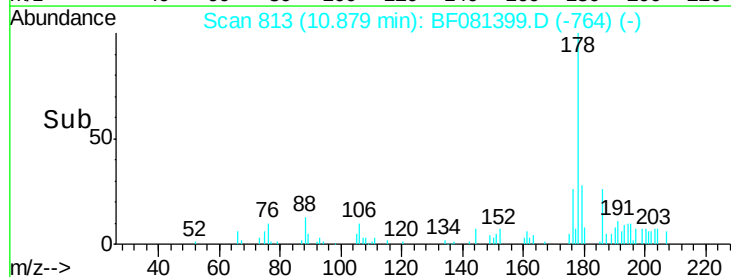
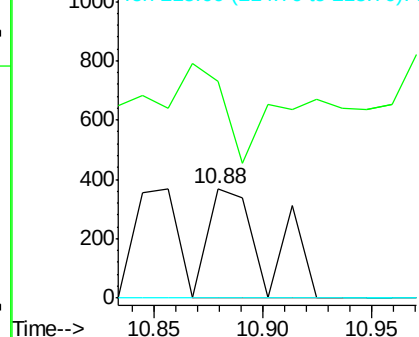


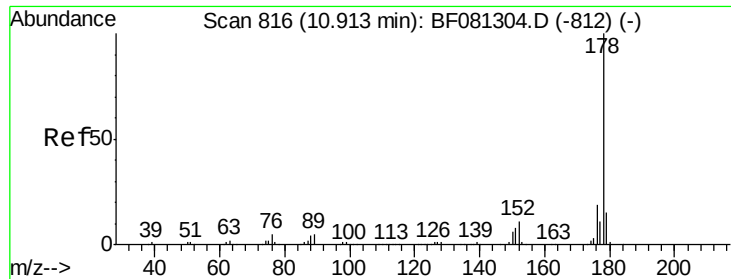
#68
Atrazine
Concen: 309.31 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.26 min
Lab File: BF081399.D
Acq: 4 Sep 2015 3:15

Tgt Ion:200 Resp: 697
Ion Ratio Lower Upper
200 100
173 198.9 13.2 53.2#
215 0.0 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

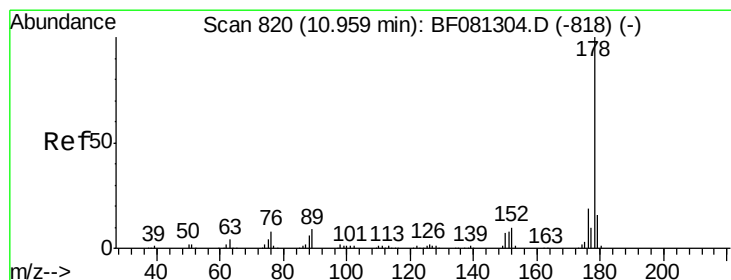
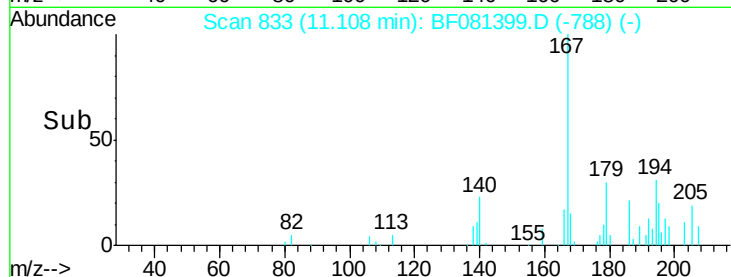
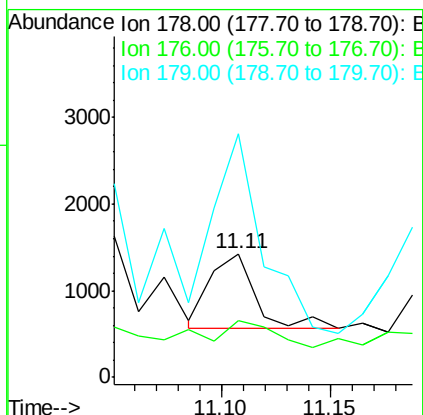
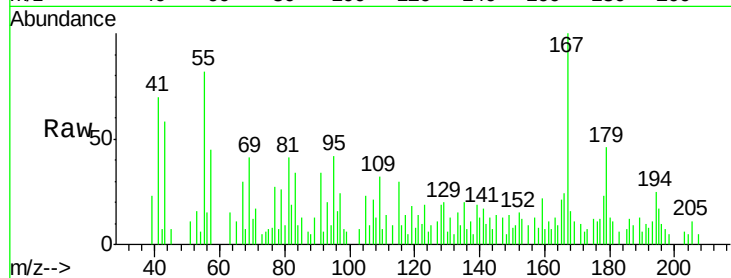




#70
Phenanthrene
Concen: 104.81 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.22 min
Lab File: BF081399.D
Acq: 4 Sep 2015 3:15

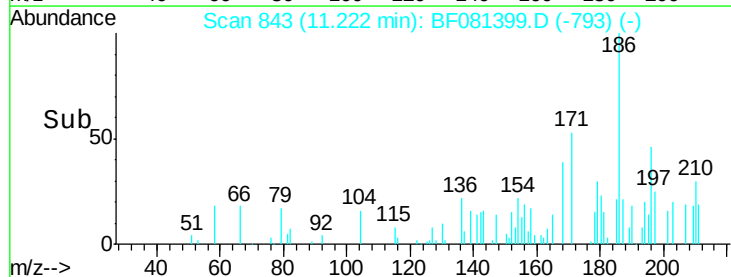
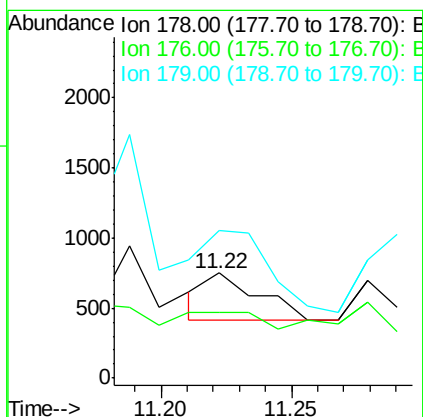
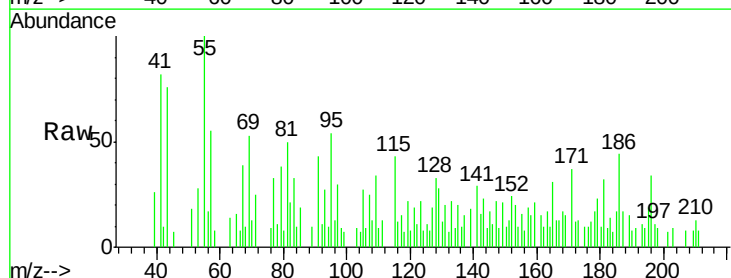
Instrument :
BNA_F
ClientSampled :
HX2

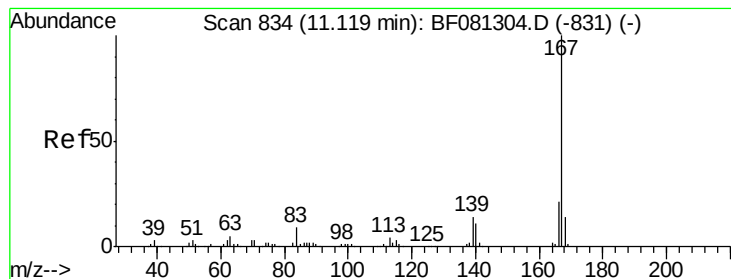
Tot Ion:178 Resp: 1247
Ion Ratio Lower Upper
178 100
176 46.0 13.8 20.8#
179 196.6 12.2 18.2#



#71
Anthracene
Concen: 38.37 ng
RT: 11.22 min Scan# 843
Delta R.T. 0.27 min
Lab File: BF081399.D
Acq: 4 Sep 2015 3:15

Tgt Ion:178 Resp: 469
Ion Ratio Lower Upper
178 100
176 62.6 14.1 21.1#
179 140.7 12.2 18.2#





#72

Carbazole

Concen: 104.36 ng

RT: 11.32 min Scan# 852

Delta R.T. 0.22 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

Instrument :

BNA_F

ClientSampleId :

HX2

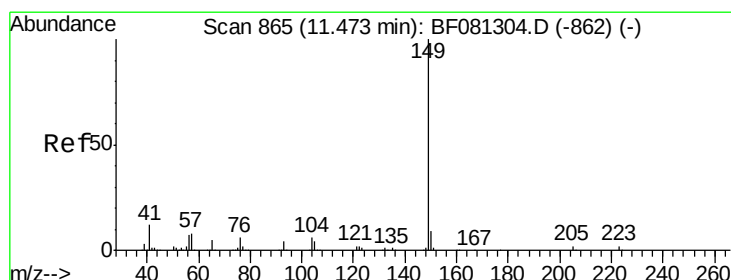
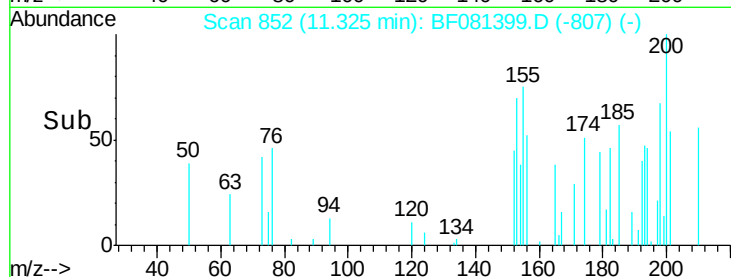
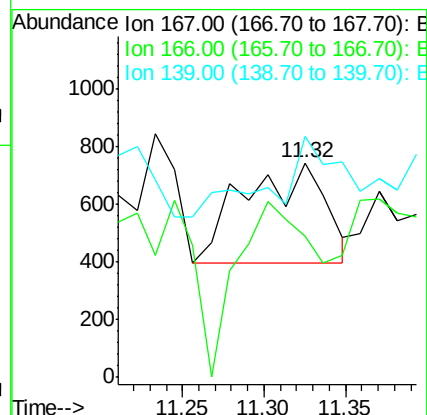
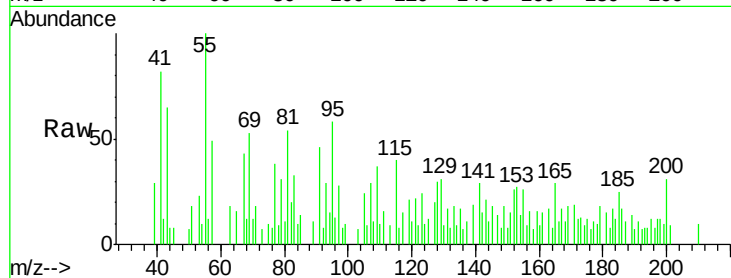
Tot Ion:167 Resp: 1197

Ion Ratio Lower Upper

167 100

166 65.9 15.7 23.5#

139 112.4 9.5 14.3#



#73

Di-n-butylphthalate

Concen: 1035.50 ng

RT: 11.46 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

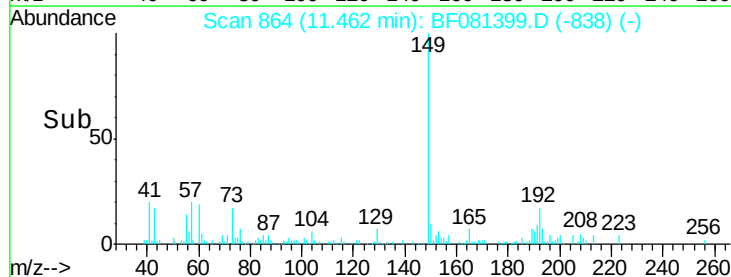
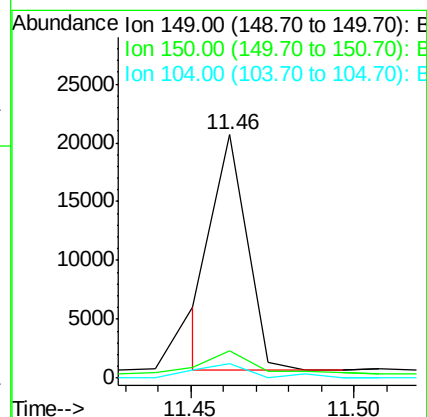
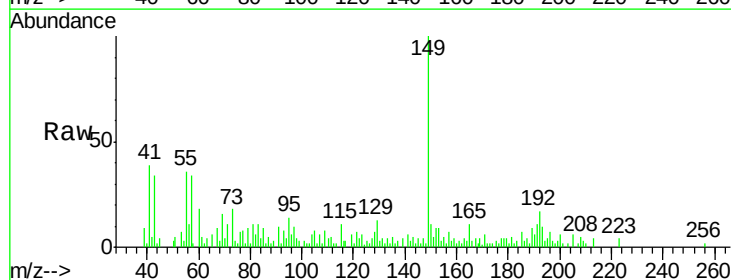
Tgt Ion:149 Resp: 14025

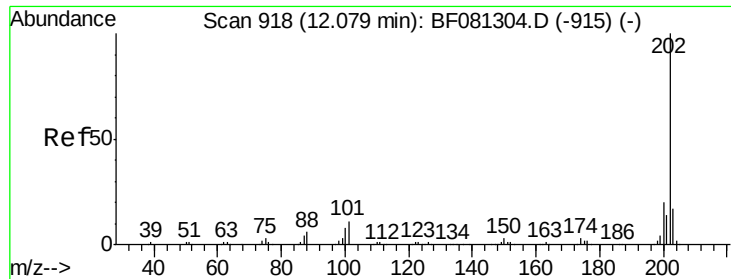
Ion Ratio Lower Upper

149 100

150 11.2 7.4 11.2#

104 6.0 2.4 3.6#





#74

Fluoranthene

Concen: 347.30 ng

RT: 12.28 min Scan# 936

Delta R.T. 0.22 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

Instrument :

BNA_F

ClientSampleId :

HX2

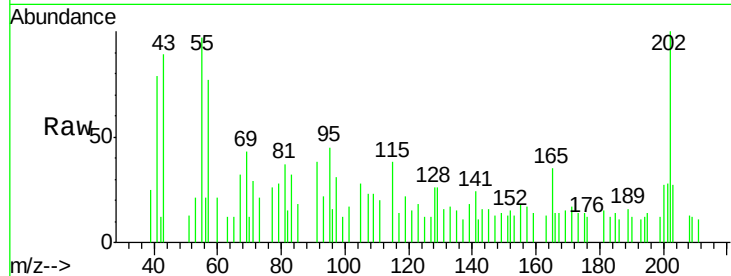
Tot Ion: 202 Resp: 4473

Ion Ratio Lower Upper

202 100

101 17.0 0.0 38.3

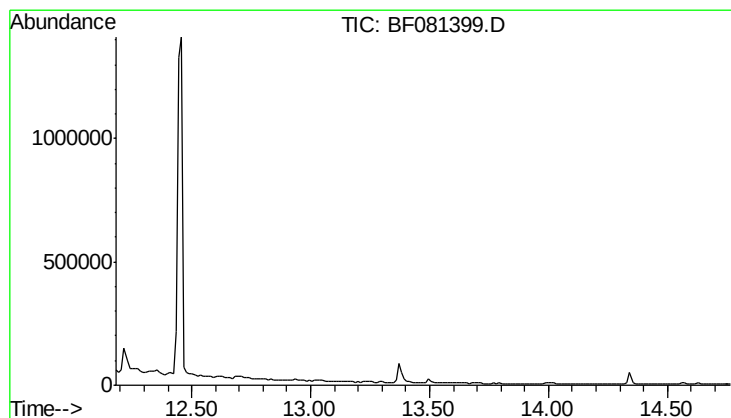
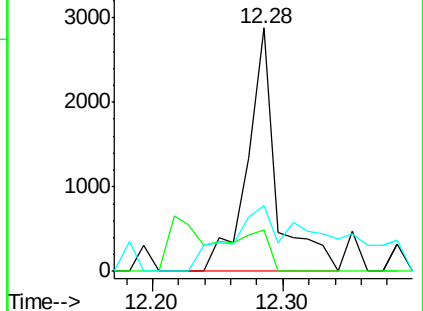
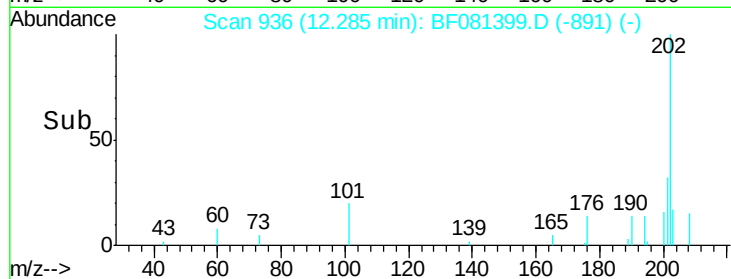
203 26.9 0.0 37.3



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

Chrysene-d12

Concen: 0.00 ng

Expected RT: 13.47 min

Lab File: BF081399.D

Acq: 4 Sep 2015 3:15

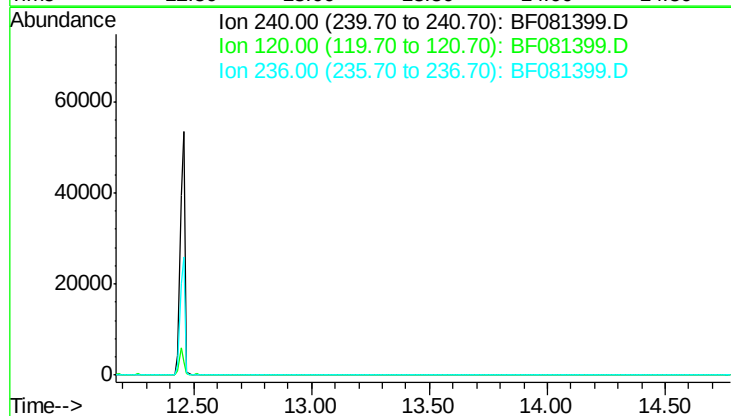
Tgt Ion: 240

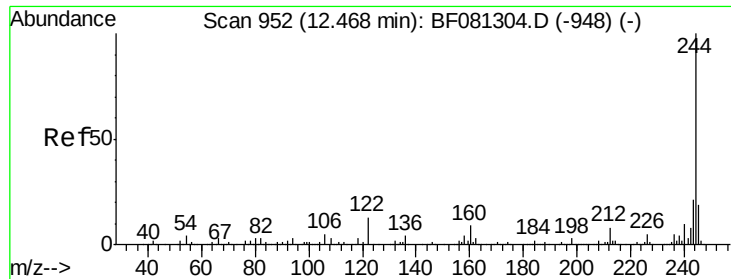
Sig Exp Ratio

240 100

120 20.2

236 23.0

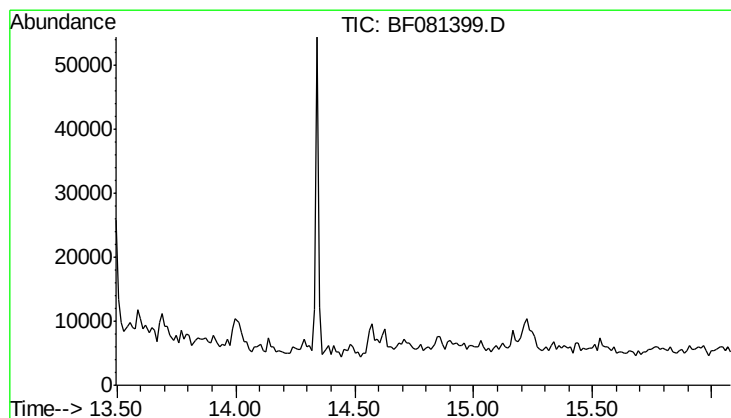
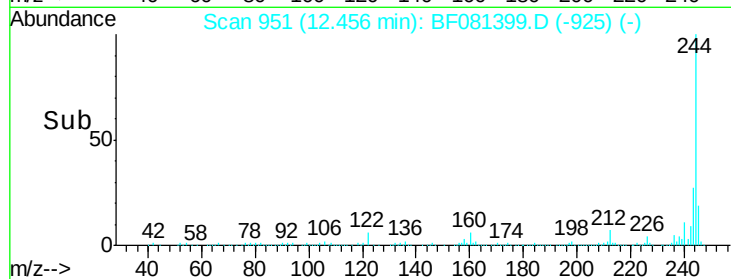
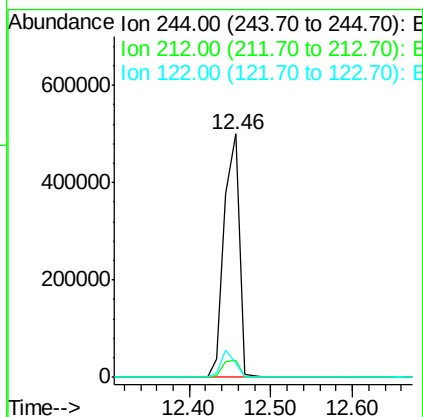
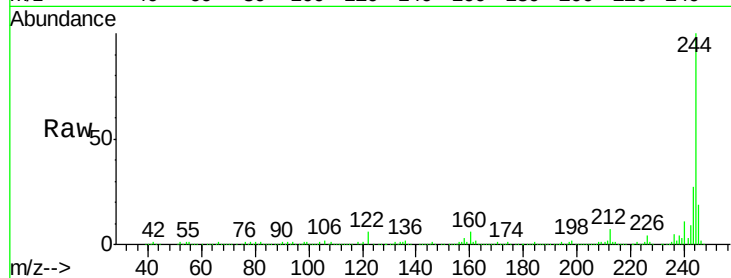




#78
 Terphenyl-d14
 Concen: 0.00 ng
 RT: 12.46 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF081399.D
 Acq: 4 Sep 2015 3:15

Instrument :
 BNA_F
 ClientSampleId :
 HX2

Tot Ion: 244 Resp: 637557
 Ion Ratio Lower Upper
 244 100
 212 7.0 4.3 6.5#
 122 6.1 17.4 26.2#



#86
 Perylene-d12
 Concen: 0.00 ng
 Expected RT: 14.79 min
 Lab File: BF081399.D
 Acq: 4 Sep 2015 3:15

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

