

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081365.D
 Acq On : 2 Sep 2015 23:51
 Operator : UM/IZ
 Sample : G3474-03RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Sep 03 00:25:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 03 00:20:21 2015
 Response via : Initial Calibration

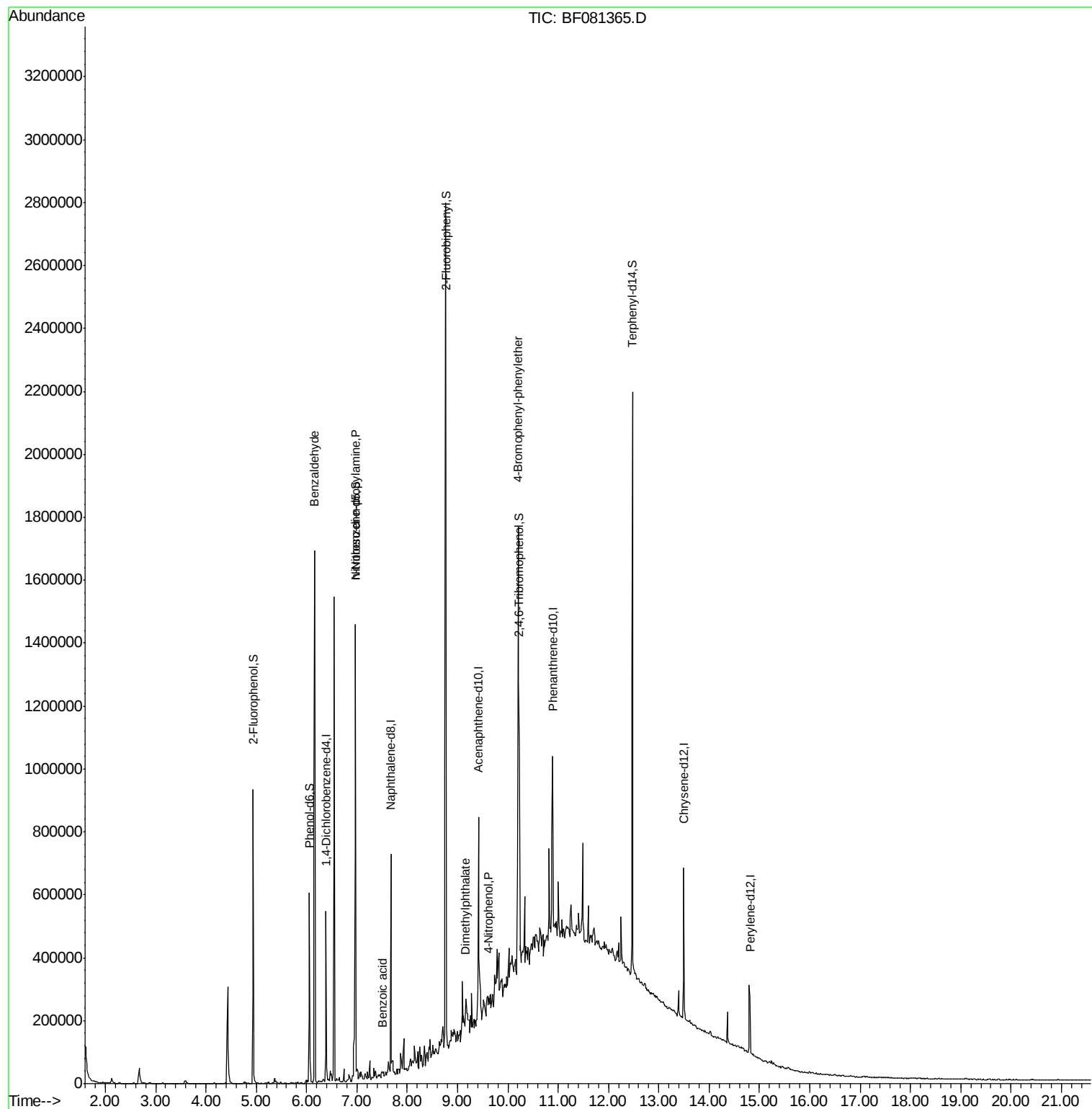
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	71578	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	281364	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	118167	20.00	ng	0.00
63) Phenanthrene-d10	10.89	188	236948	20.00	ng	0.01
75) Chrysene-d12	13.50	240	163266	20.00	ng	0.00
86) Perylene-d12	14.81	264	104544	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	243291	52.74	ng	0.01
7) Phenol-d6	6.06	99	210237	34.43	ng	0.00
23) Nitrobenzene-d5	6.97	82	508988	87.28	ng	0.00
41) 2,4,6-Tribromophenol	10.22	330	140178	133.23	ng	0.01
44) 2-Fluorobiphenyl	8.76	172	803833	87.17	ng	0.00
78) Terphenyl-d14	12.48	244	666956	95.09	ng	0.01
Target Compounds						
9) Benzaldehyde	6.16	77	12435	3.25	ng	# 63
19) n-Nitroso-di-n-propylamine	6.97	70	73267	17.63	ng	# 61
32) Benzoic acid	7.51	122	551	2.70	ng	# 75
49) Dimethylphthalate	9.16	163	23090	2.51	ng	# 94
55) 4-Nitrophenol	9.62	139	6700	4.50	ng	# 54
66) 4-Bromophenyl-phenylether	10.20	248	9461	3.95	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

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Acq: 2 Sep 2015 23:51

Instrument :

BNA_F

ClientSampleId :

MW-04

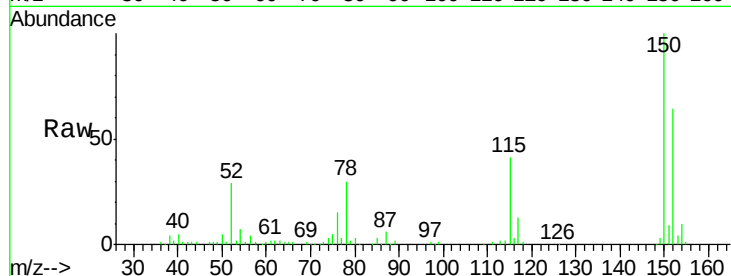
Tot Ion:152 Resp: 71578

Ion Ratio Lower Upper

152 100

150 157.4 124.7 187.1

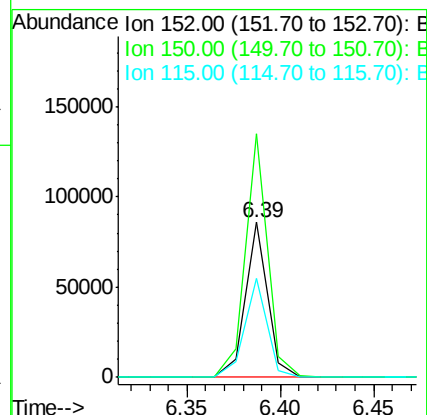
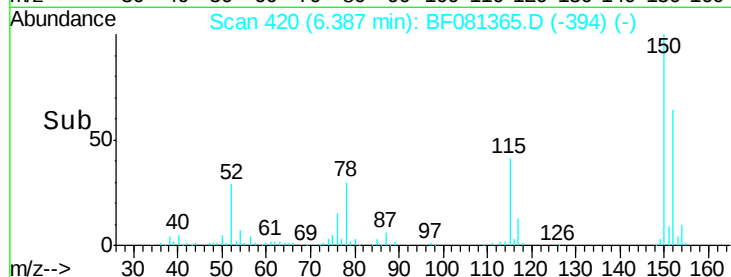
115 64.2 39.0 58.4#



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



#5

2-Fluorophenol

Concen: 52.74 ng

RT: 4.94 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF081365.D

Acq: 2 Sep 2015 23:51

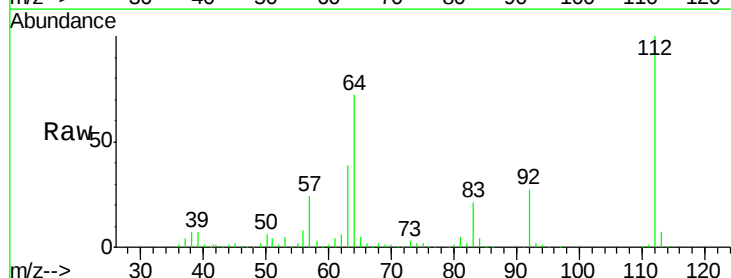
Tgt Ion:112 Resp: 243291

Ion Ratio Lower Upper

112 100

64 72.1 39.7 59.5#

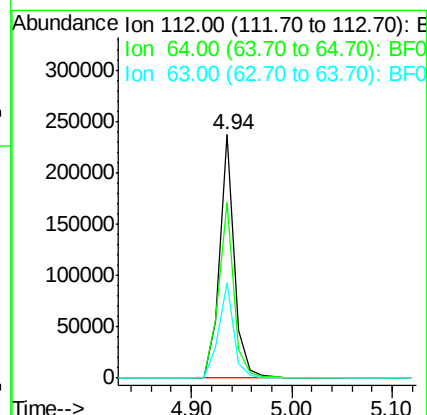
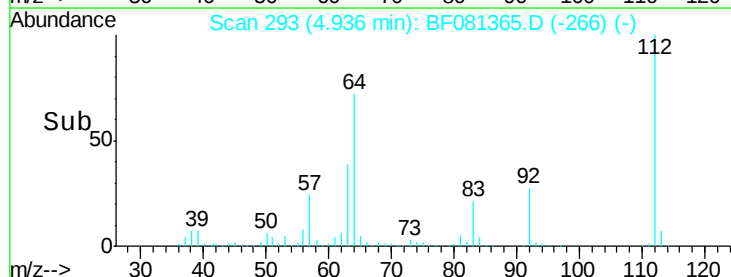
63 39.0 17.4 26.0#

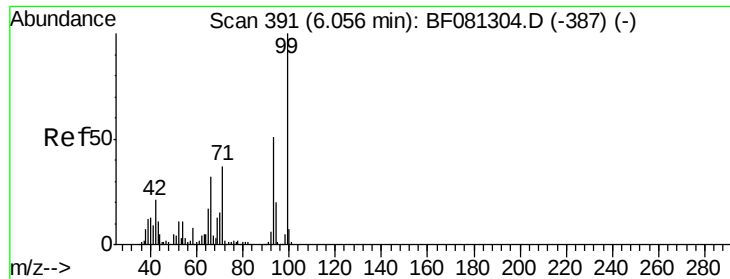


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.43 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081365.D

Acq: 2 Sep 2015 23:51

Instrument :

BNA_F

ClientSampleId :

MW-04

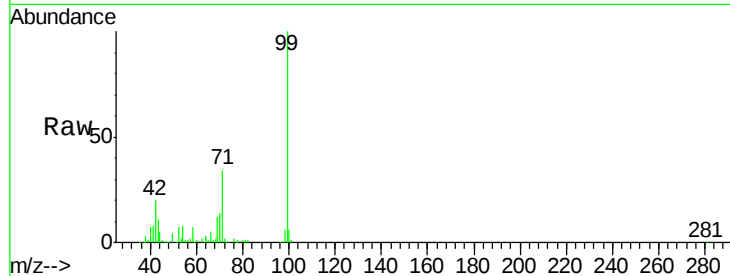
Tot Ion: 99 Resp: 210237

Ion Ratio Lower Upper

99 100

42 19.8 13.7 20.5

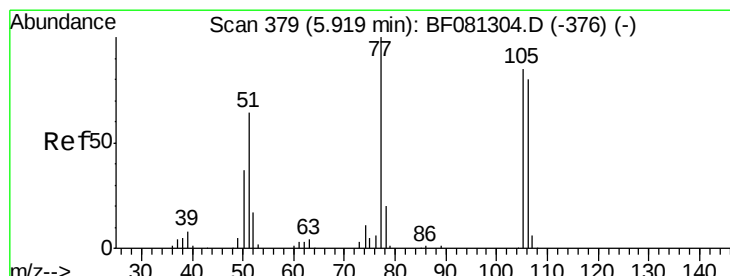
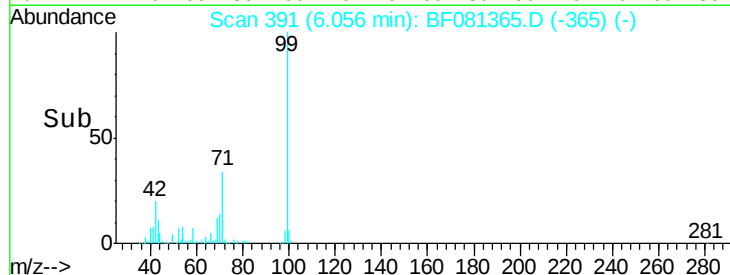
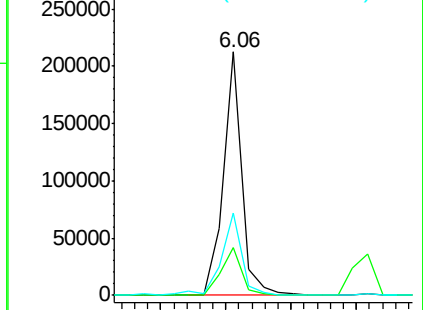
71 33.9 14.2 21.2#



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



#9

Benzaldehyde

Concen: 3.25 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.24 min

Lab File: BF081365.D

Acq: 2 Sep 2015 23:51

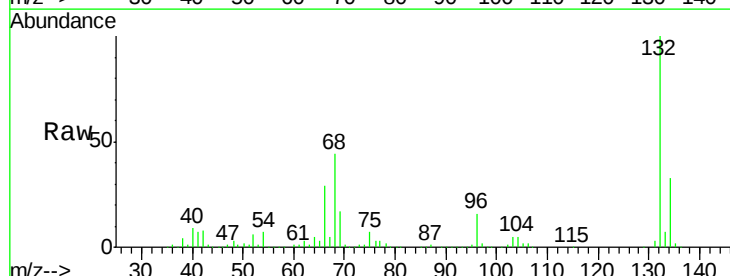
Tgt Ion: 77 Resp: 12435

Ion Ratio Lower Upper

77 100

105 81.3 91.6 131.6#

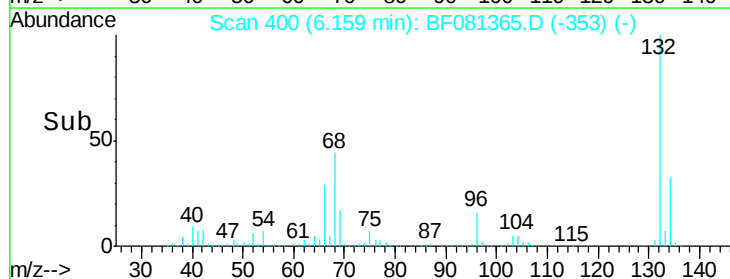
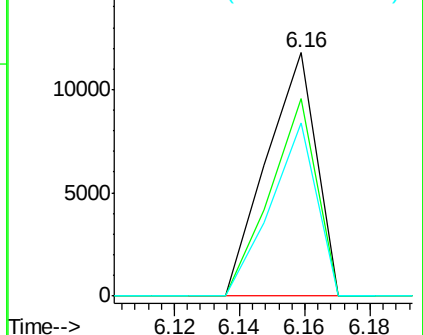
106 71.2 102.6 142.6#

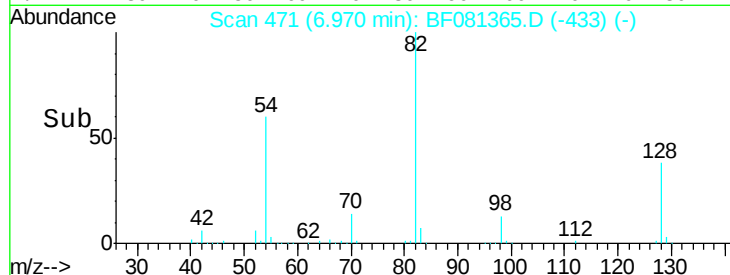
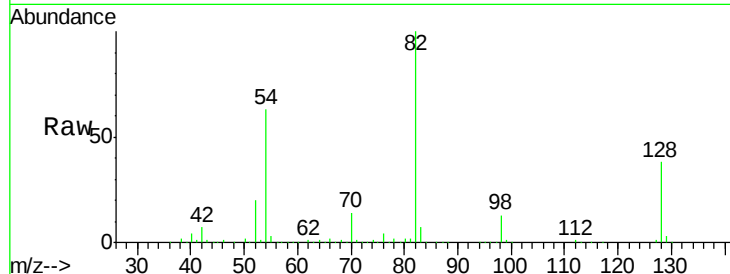
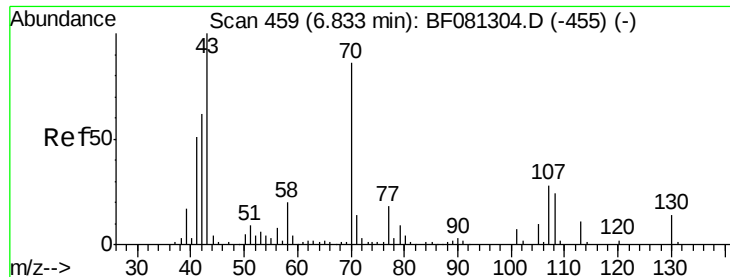


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

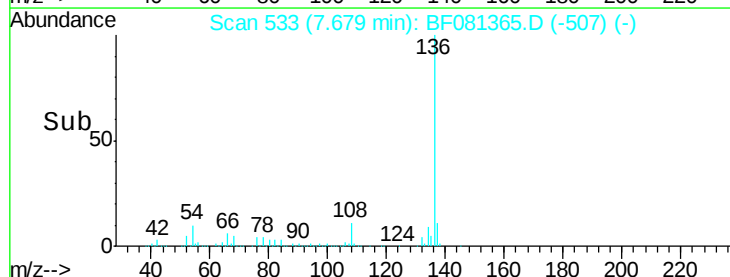
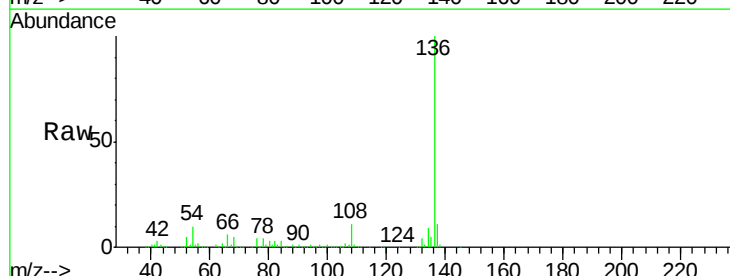
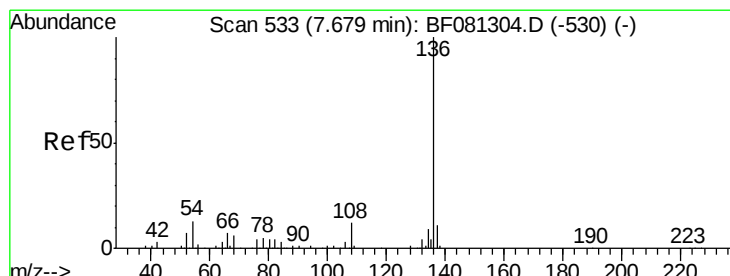
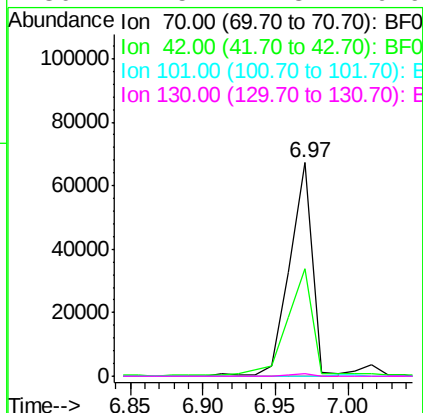




#19
n-Nitroso-di-n-propylamine
Concen: 17.63 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.14 min
Lab File: BF081365.D
Acq: 2 Sep 2015 23:51

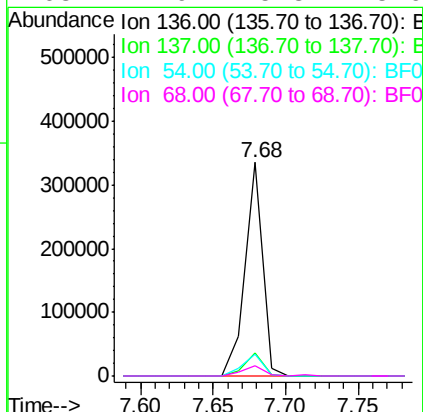
Instrument :
BNA_F
ClientSampleId :
MW-04

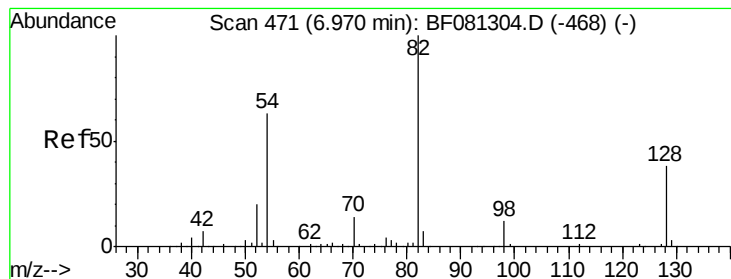
Tot Ion:	70	Resp:	73267
Ion	Ratio	Lower	Upper
70	100		
42	50.3	63.8	95.6#
101	0.0	9.2	13.8#
130	1.5	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF081365.D
Acq: 2 Sep 2015 23:51

Tgt Ion:	136	Resp:	281364
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	10.4	8.2	12.2
68	4.9	5.8	8.6#





#23

Nitrobenzene-d5

Concen: 87.28 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF081365.D

Acq: 2 Sep 2015 23:51

Instrument :

BNA_F

ClientSampled :

MW-04

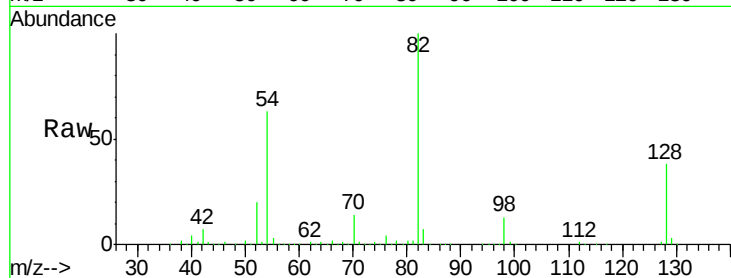
Tot Ion: 82 Resp: 508988

Ion Ratio Lower Upper

82 100

128 37.7 51.0 76.6#

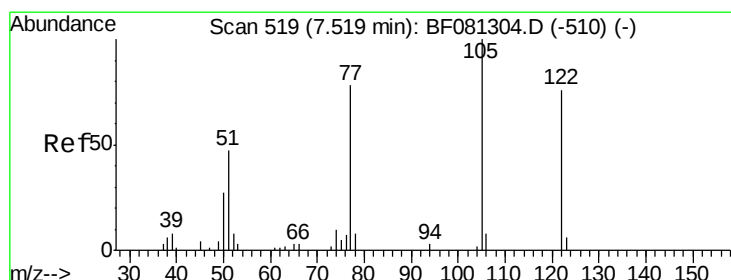
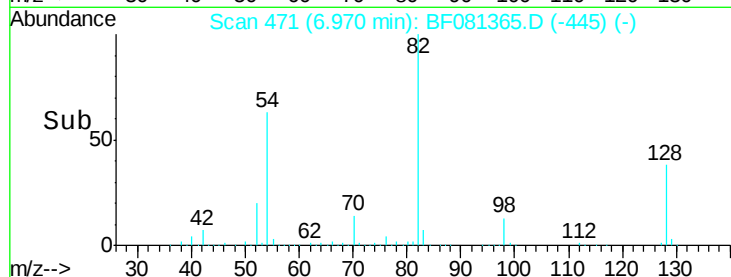
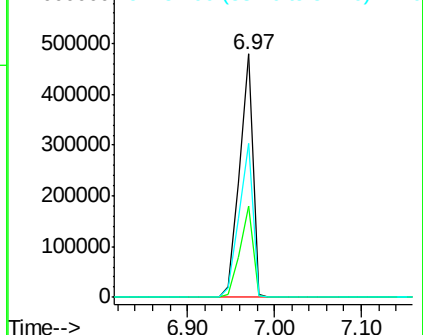
54 63.4 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#32

Benzoic acid

Concen: 2.70 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF081365.D

Acq: 2 Sep 2015 23:51

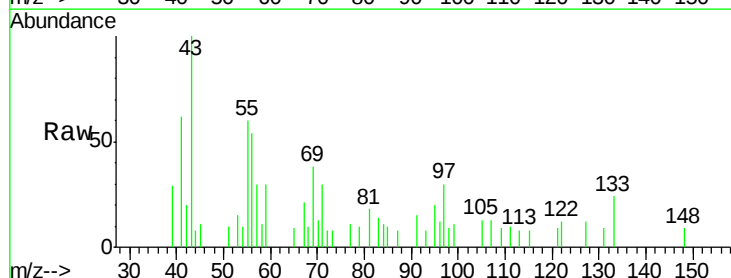
Tgt Ion: 122 Resp: 551

Ion Ratio Lower Upper

122 100

105 108.7 76.1 116.1

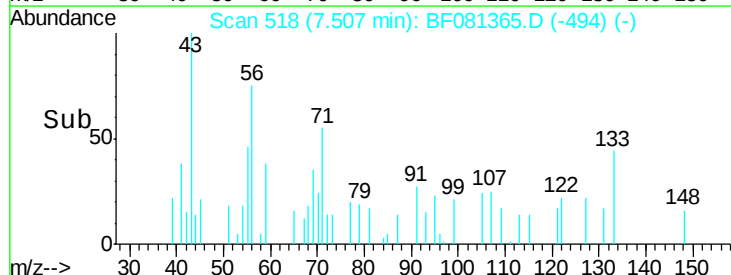
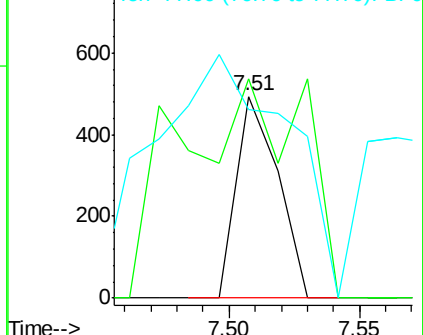
77 93.7 40.5 80.5#

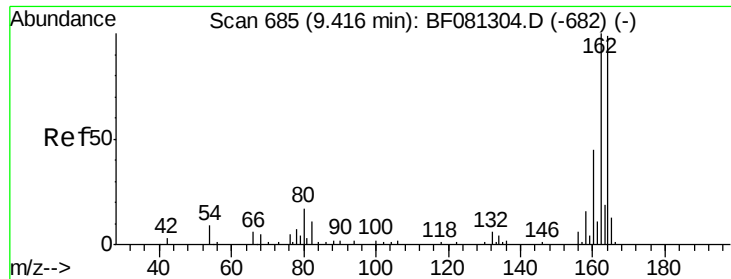


Abundance Ion 122.00 (121.70 to 122.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081365.D

Acq: 2 Sep 2015 23:51

Instrument :

BNA_F

ClientSampleId :

MW-04

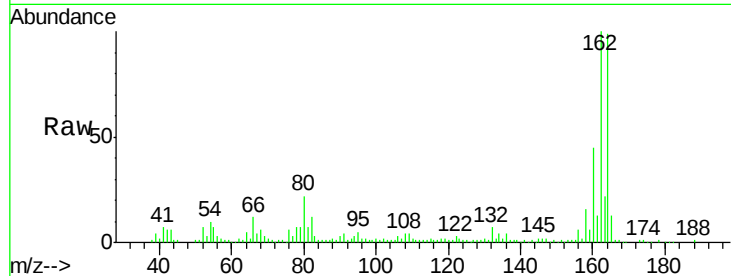
Tot Ion:164 Resp: 118167

Ion Ratio Lower Upper

164 100

162 101.4 75.2 112.8

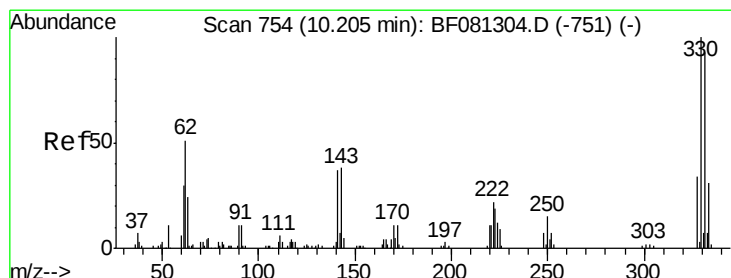
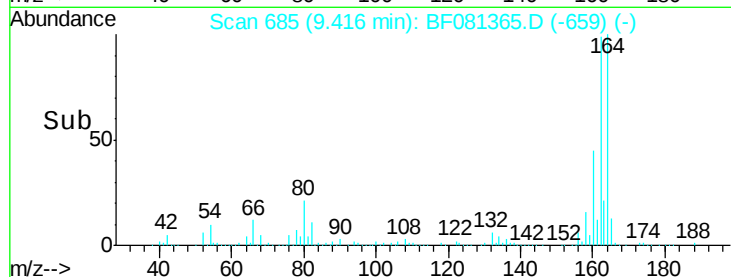
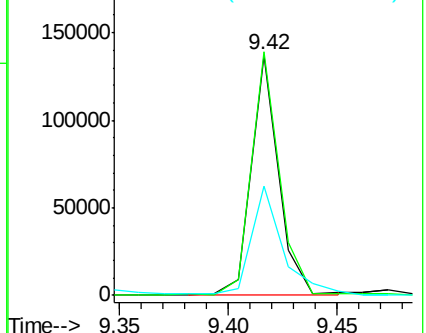
160 45.7 31.5 47.3



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: 133.23 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF081365.D

Acq: 2 Sep 2015 23:51

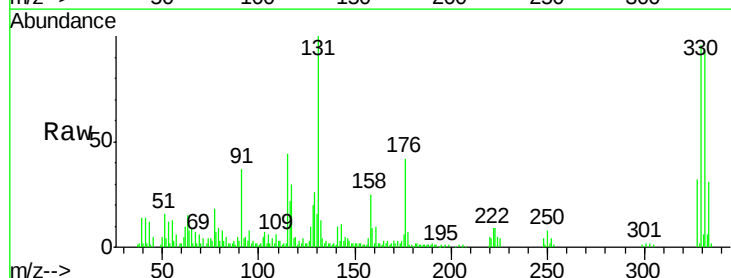
Tgt Ion:330 Resp: 140178

Ion Ratio Lower Upper

330 100

332 96.1 76.6 114.8

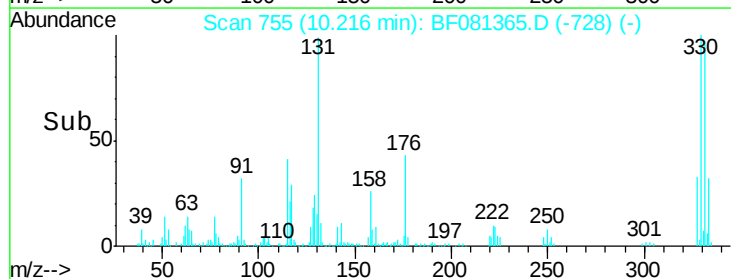
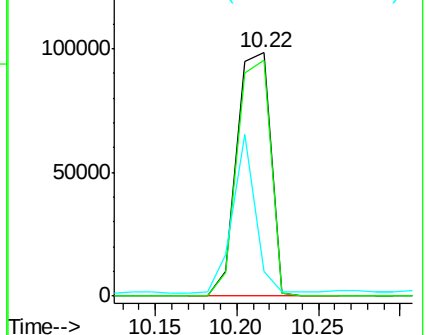
141 44.4 29.7 44.5

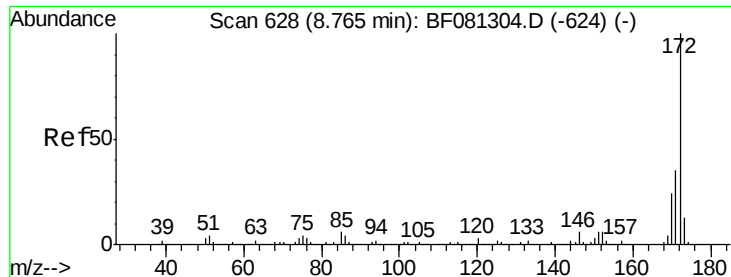


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

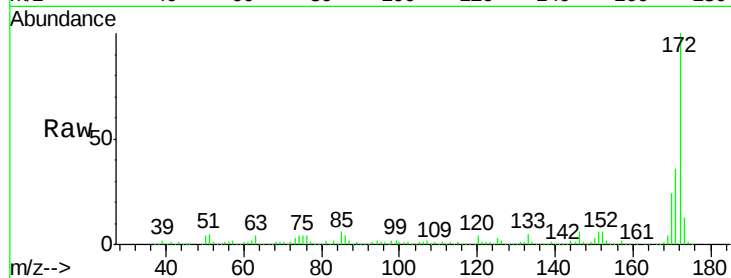




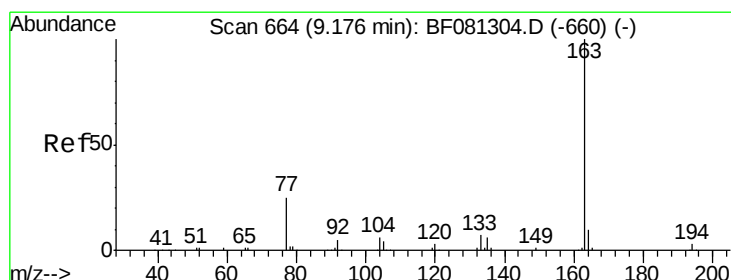
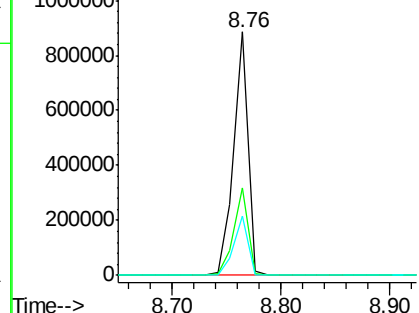
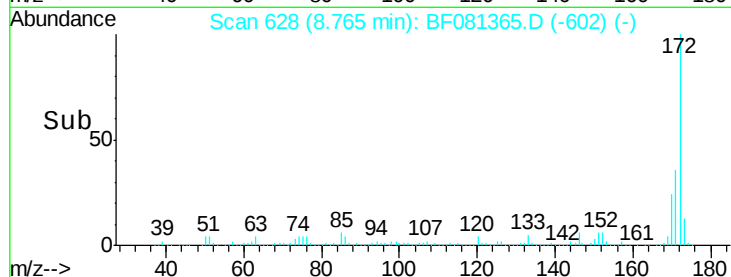
#44
2-Fluorobiphenyl
Concen: 87.17 ng
RT: 8.76 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF081365.D
Acq: 2 Sep 2015 23:51

Instrument :
BNA_F
ClientSampled :
MW-04

Tot Ion:172 Resp: 803833
Ion Ratio Lower Upper
172 100
171 35.7 26.1 39.1
170 24.1 17.4 26.2

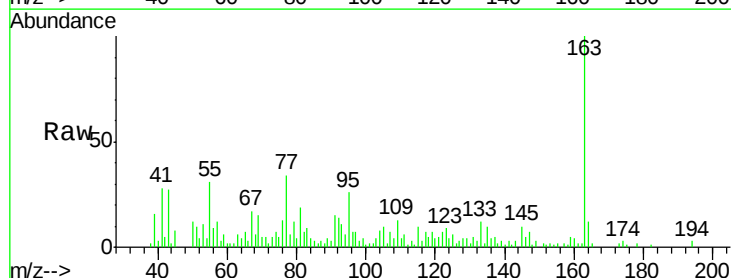


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

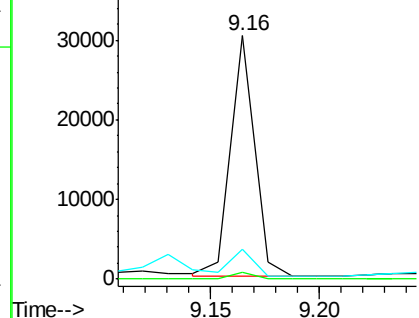
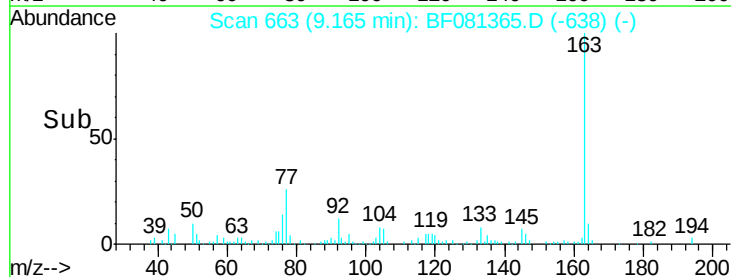


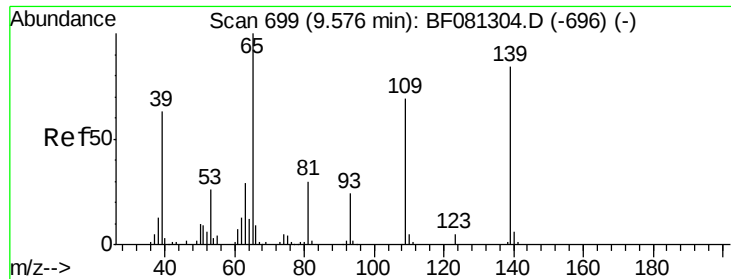
#49
Dimethylphthalate
Concen: 2.51 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF081365.D
Acq: 2 Sep 2015 23:51

Tgt Ion:163 Resp: 23090
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 12.1 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

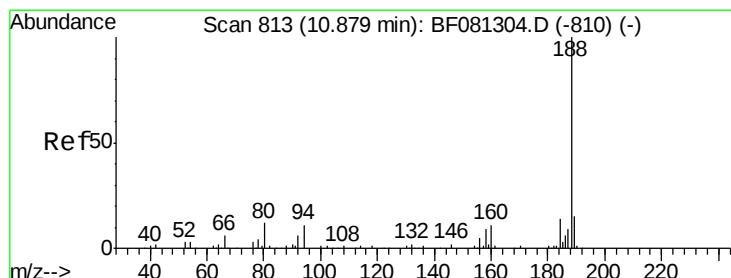
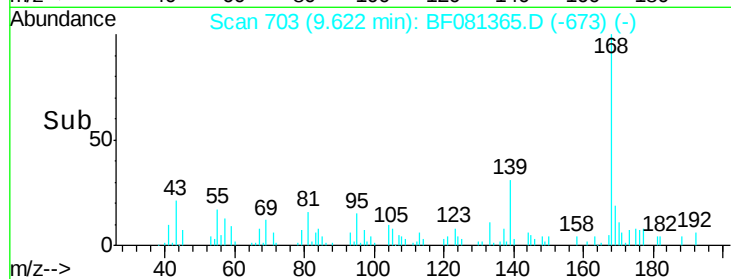
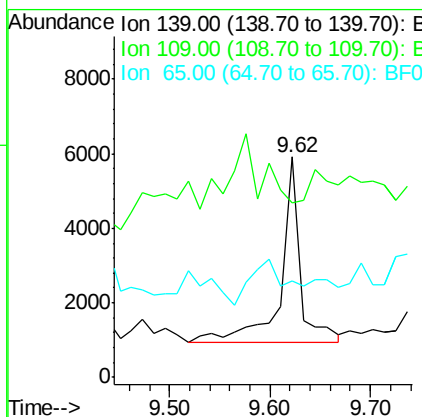
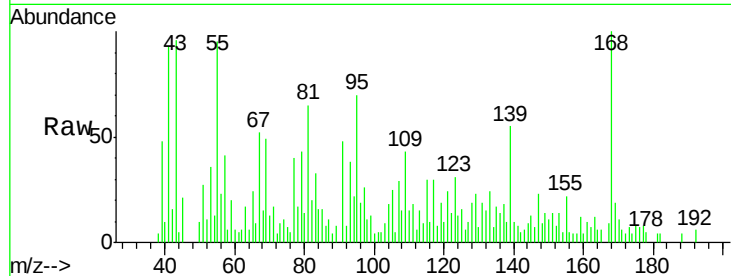




#55
4-Nitrophenol
Concen: 4.50 ng
RT: 9.62 min Scan# 703
Delta R.T. 0.05 min
Lab File: BF081365.D
Acq: 2 Sep 2015 23:51

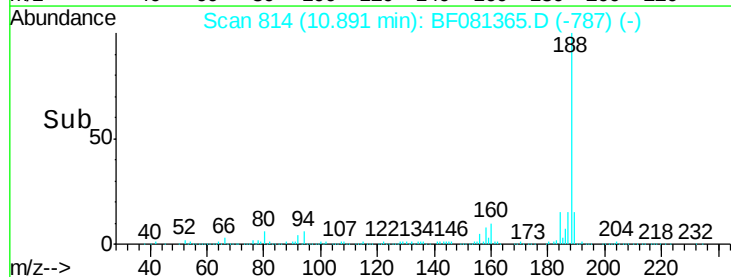
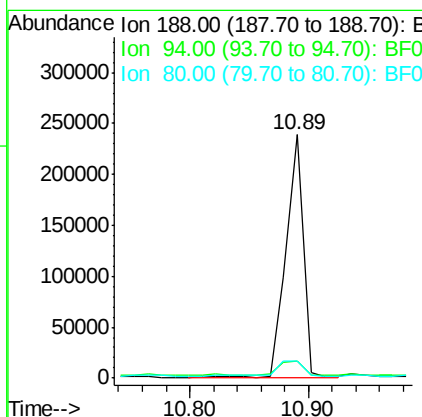
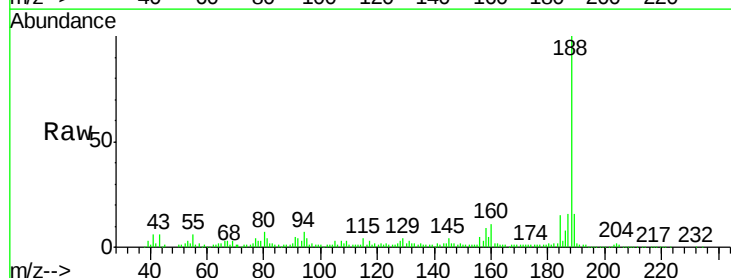
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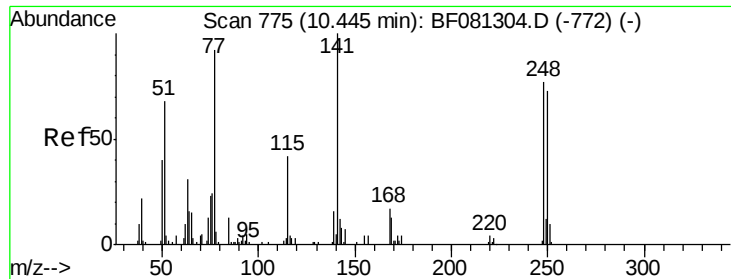
Tot Ion:139 Resp: 6700
Ion Ratio Lower Upper
139 100
109 79.2 12.7 52.7#
65 43.8 45.9 85.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.89 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF081365.D
Acq: 2 Sep 2015 23:51

Tgt Ion:188 Resp: 236948
Ion Ratio Lower Upper
188 100
94 7.3 11.1 16.7#
80 7.1 11.0 16.4#

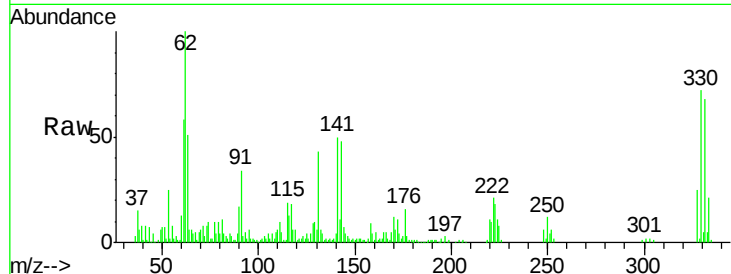




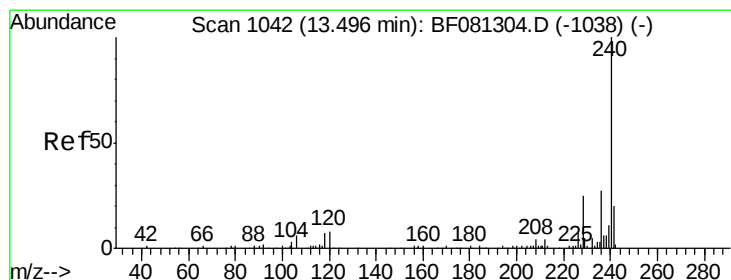
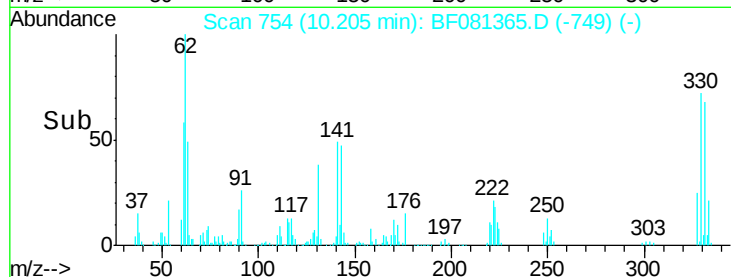
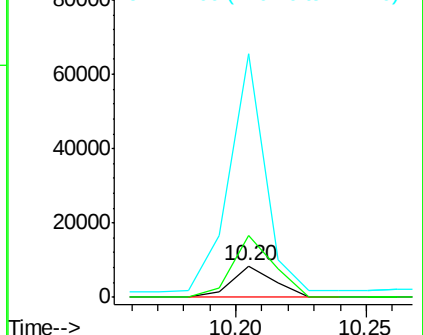
#66
4-Bromophenyl-phenylether
Concen: 3.95 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.24 min
Lab File: BF081365.D
Acq: 2 Sep 2015 23:51

Instrument :
BNA_F
ClientSampled :
MW-04

Tot Ion:248 Resp: 9461
Ion Ratio Lower Upper
248 100
250 195.3 78.5 117.7#
141 775.2 59.0 88.6#

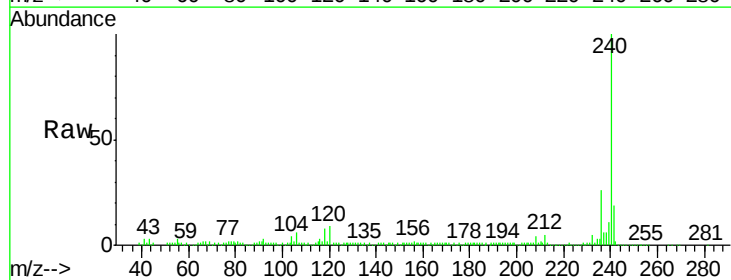


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

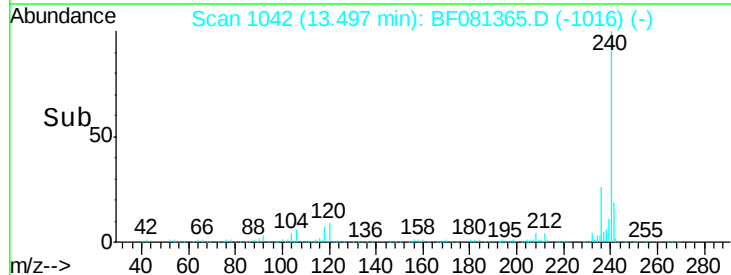
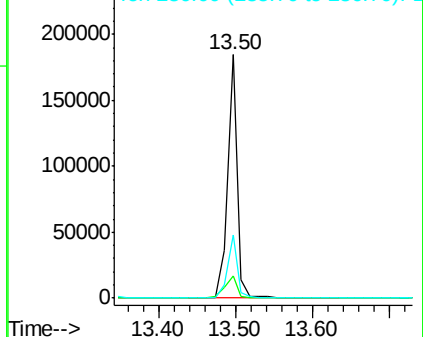


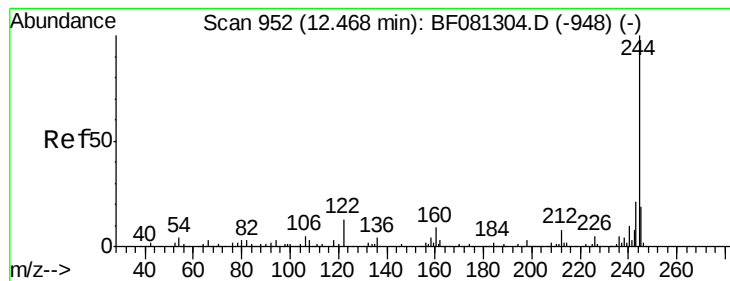
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.50 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF081365.D
Acq: 2 Sep 2015 23:51

Tgt Ion:240 Resp: 163266
Ion Ratio Lower Upper
240 100
120 8.9 16.2 24.2#
236 26.1 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.09 ng

RT: 12.48 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF081365.D

Acq: 2 Sep 2015 23:51

Instrument :

BNA_F

ClientSampleId :

MW-04

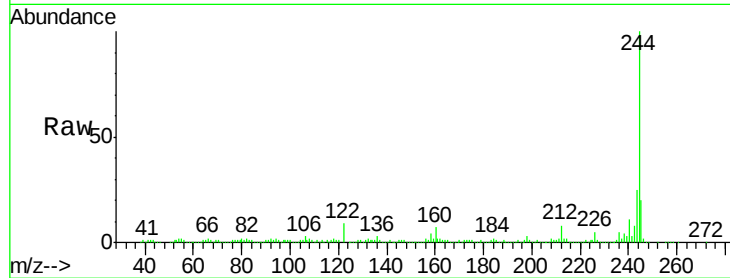
Tot Ion:244 Resp: 666956

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

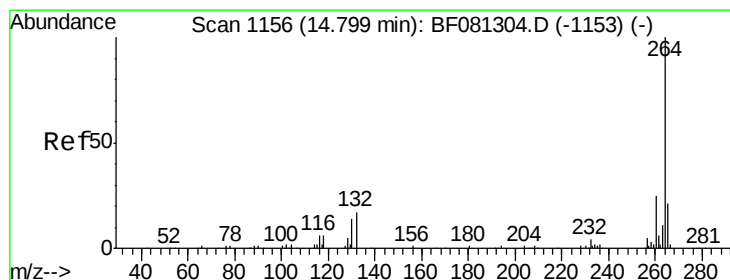
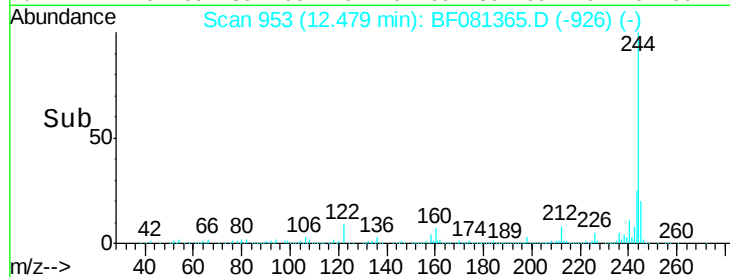
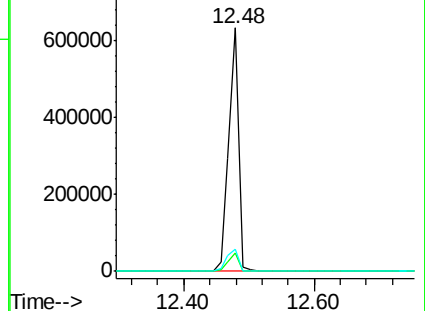
122 8.9 17.4 26.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.81 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF081365.D

Acq: 2 Sep 2015 23:51

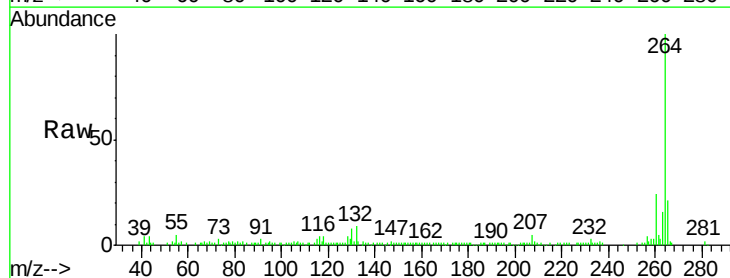
Tgt Ion:264 Resp: 104544

Ion Ratio Lower Upper

264 100

260 23.7 16.7 25.1

265 21.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

