

Data Path : Z:\HPCHEM1\BNA_F\Data\BF081815\
 Data File : BF081079.D
 Acq On : 19 Aug 2015 11:41
 Operator : UM/IZ
 Sample : G3282-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB05-1.0-2.0-081215

Quant Time: Aug 19 13:28:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

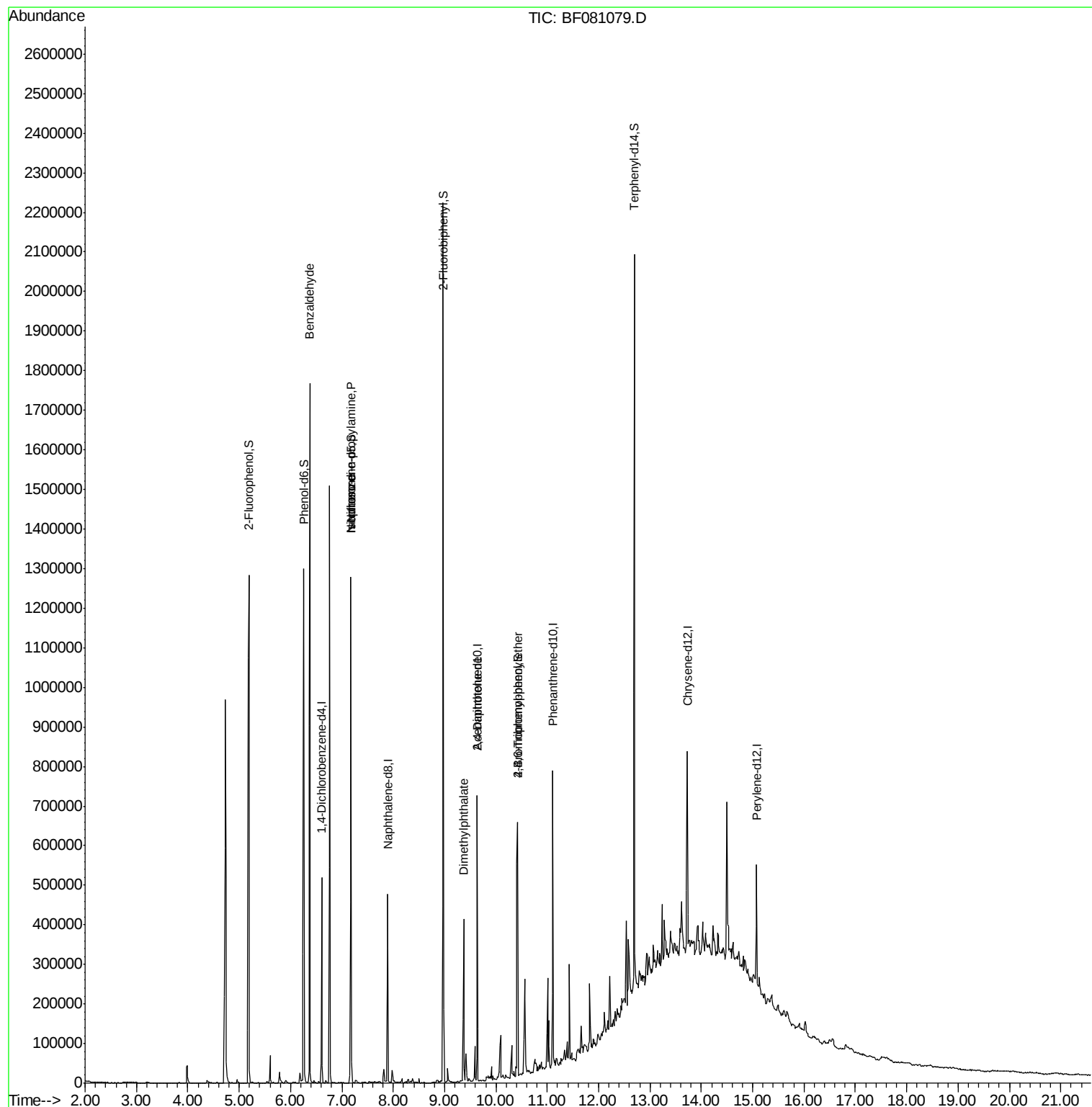
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	65639	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	266465	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	125595	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	261112	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	154883	20.00	ng	-0.02
86) Perylene-d12	15.07	264	129907	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	445330	102.05	ng	0.00
7) Phenol-d6	6.26	99	686504	120.57	ng	0.00
23) Nitrobenzene-d5	7.18	82	409128	70.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	80956	74.36	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	615774	64.24	ng	-0.02
78) Terphenyl-d14	12.70	244	584640	80.92	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.38	77	12448	3.39	ng	82
19) n-Nitroso-di-n-propylamine	7.18	70	56068	14.22	ng	# 70
25) Isophorone	7.18	82	303879	27.94	ng	# 71
49) Dimethylphthalate	9.37	163	174132	16.83	ng	99
56) 2,4-Dinitrotoluene	9.63	165	15974	5.43	ng	# 18
66) 4-Bromophenyl-phenylether	10.42	248	6109	2.38	ng	# 1

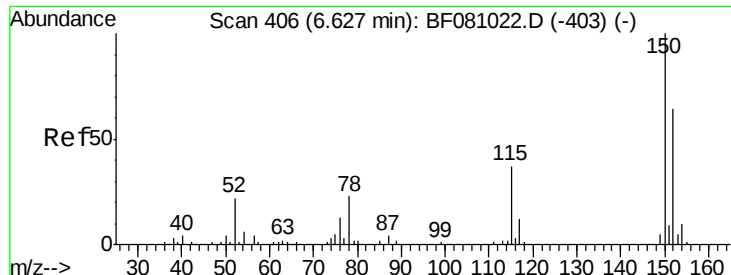
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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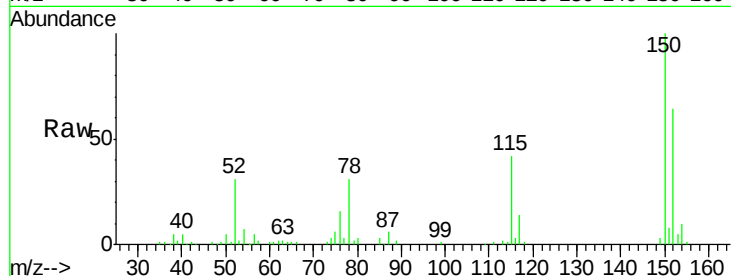


#1

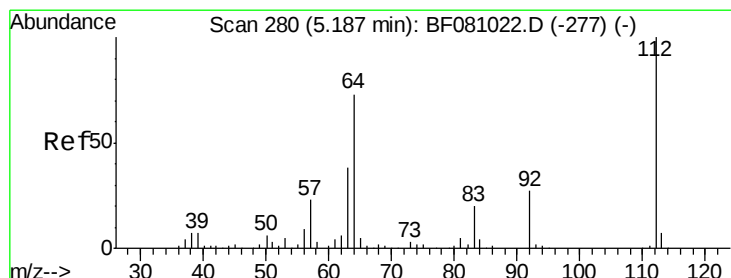
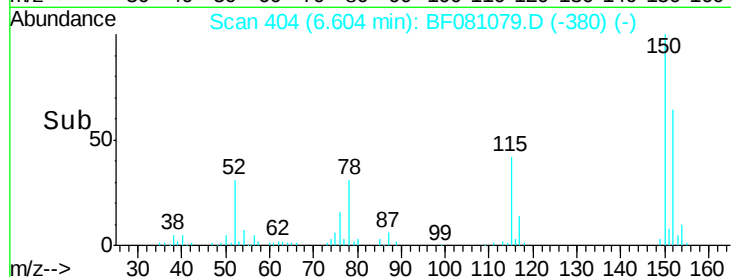
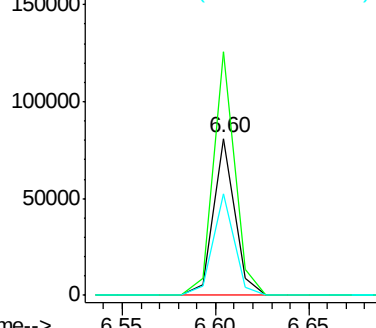
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF081079.D
Acq: 19 Aug 2015 11:41

Instrument :
BNA_F
ClientSampleId :
SB05-1.0-2.0-081215

Tgt Ion:152 Resp: 65639
Ion Ratio Lower Upper
152 100
150 155.1 123.8 185.6
115 65.1 52.1 78.1



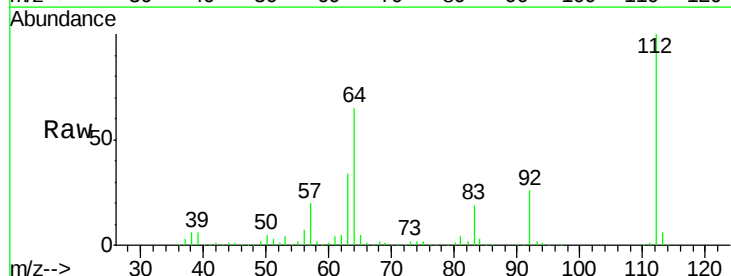
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



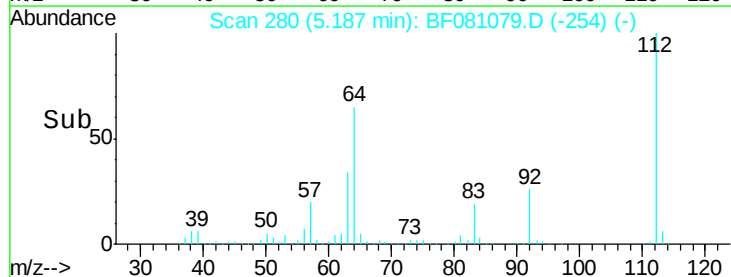
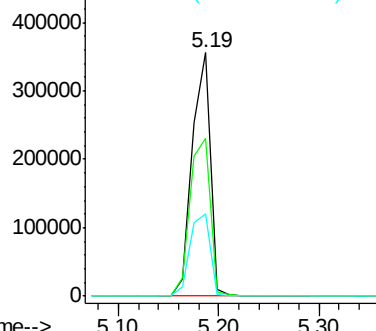
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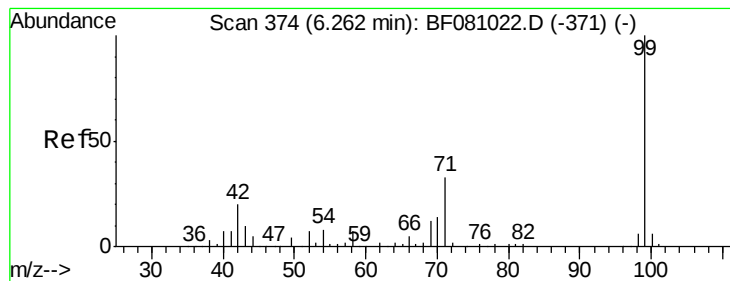
2-Fluorophenol
Concen: 102.05 ng
RT: 5.19 min Scan# 280
Delta R.T. 0.00 min
Lab File: BF081079.D
Acq: 19 Aug 2015 11:41

Tgt Ion:112 Resp: 445330
Ion Ratio Lower Upper
112 100
64 65.0 66.9 100.3#
63 34.0 38.1 57.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.57 ng

RT: 6.26 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF081079.D

Acq: 19 Aug 2015 11:41

Instrument :

BNA_F

ClientSampleId :

SB05-1.0-2.0-081215

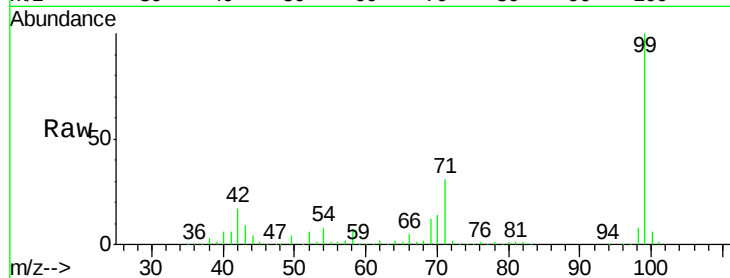
Tgt Ion: 99 Resp: 686504

Ion Ratio Lower Upper

99 100

42 16.9 19.6 29.4#

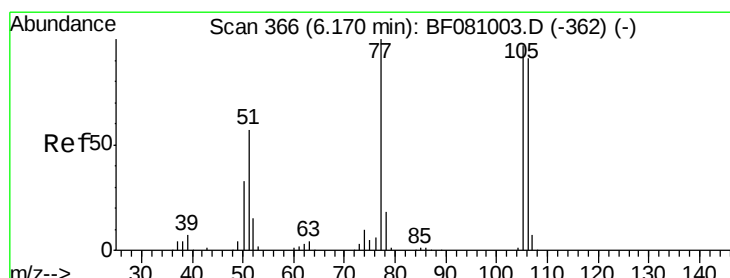
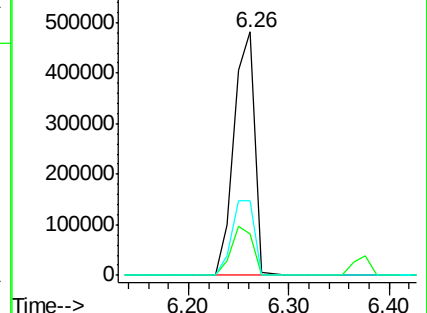
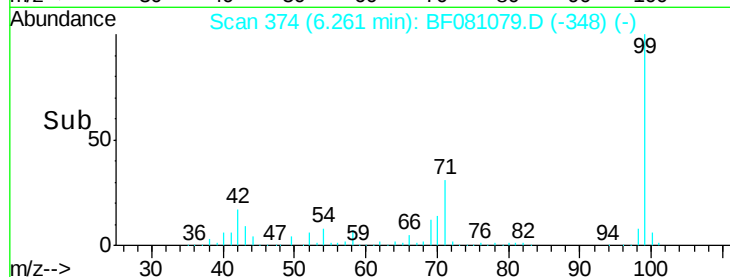
71 30.6 31.2 46.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.39 ng

RT: 6.38 min Scan# 384

Delta R.T. 0.22 min

Lab File: BF081079.D

Acq: 19 Aug 2015 11:41

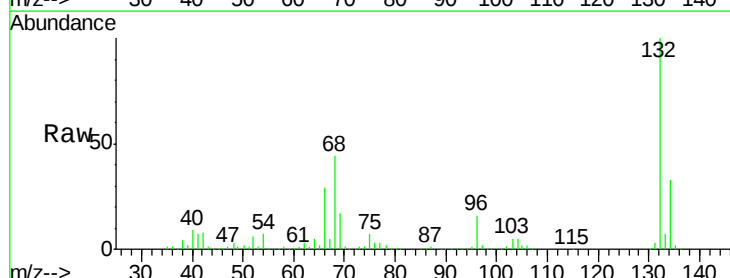
Tgt Ion: 77 Resp: 12448

Ion Ratio Lower Upper

77 100

105 75.8 69.6 109.6

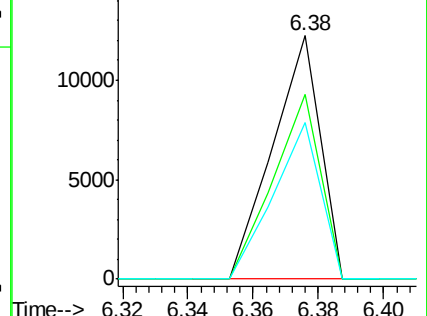
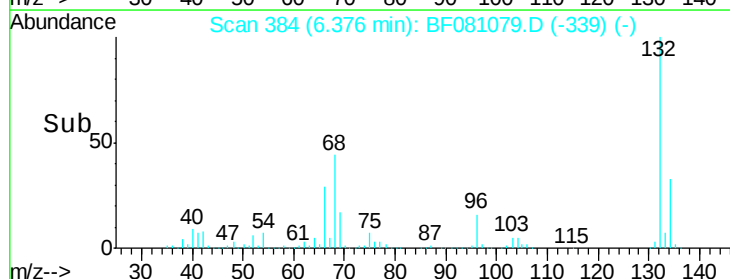
106 64.4 64.0 104.0

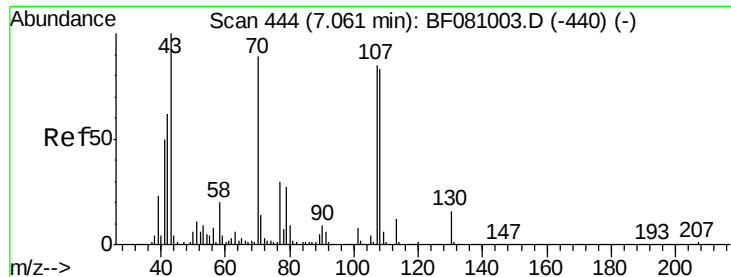


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 14.22 ng

RT: 7.18 min Scan# 454

Delta R.T. 0.13 min

Lab File: BF081079.D

Acq: 19 Aug 2015 11:41

Instrument :

BNA_F

ClientSampleId :

SB05-1.0-2.0-081215

Tgt Ion: 70 Resp: 56068

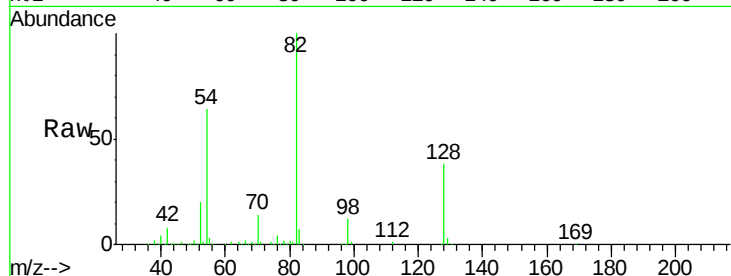
Ion Ratio Lower Upper

70 100

42 55.1 65.0 97.4#

101 0.0 7.4 11.2#

130 1.6 13.0 19.4#

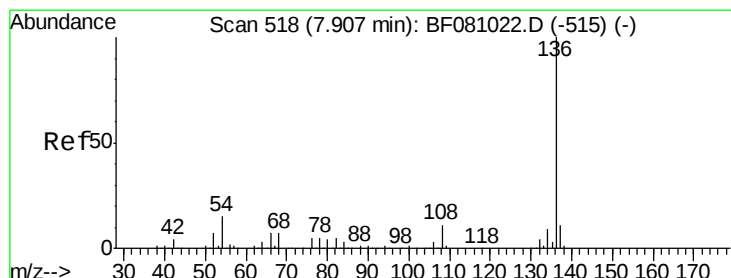
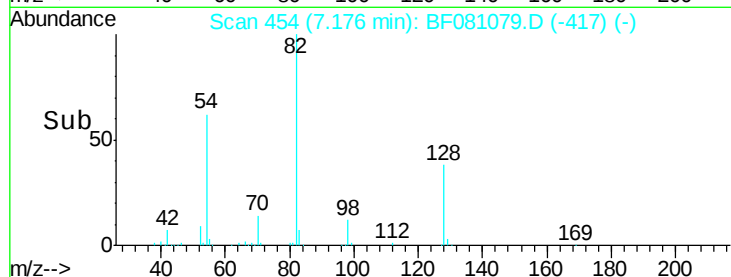
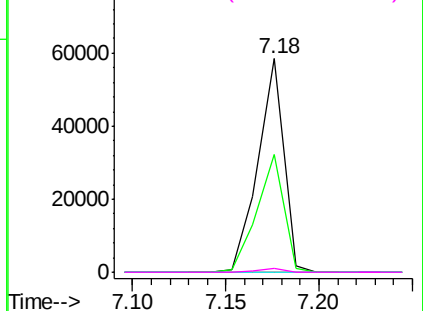


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF081079.D

Acq: 19 Aug 2015 11:41

Tgt Ion: 136 Resp: 266465

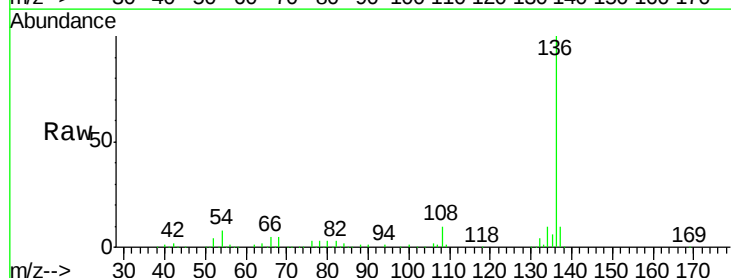
Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.2

54 8.2 7.7 11.5

68 4.7 3.4 5.2

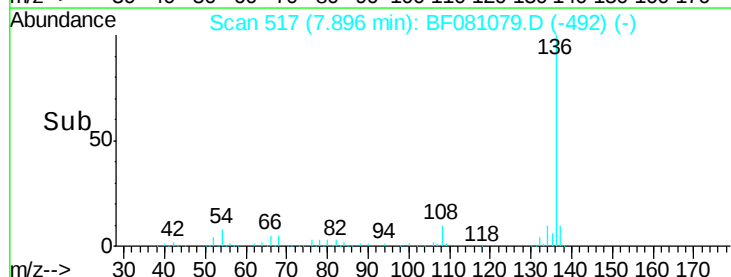
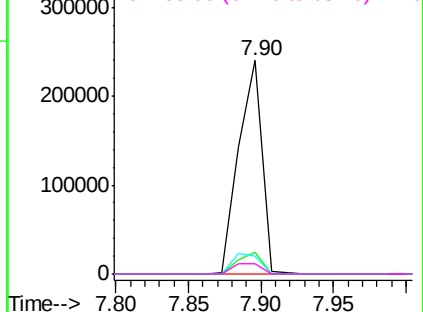


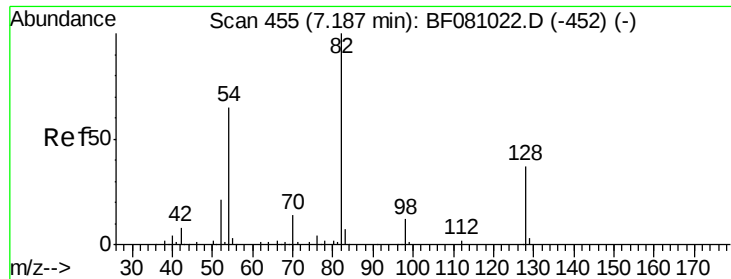
Abundance Ion 136.00 (135.70 to 136.70): E

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

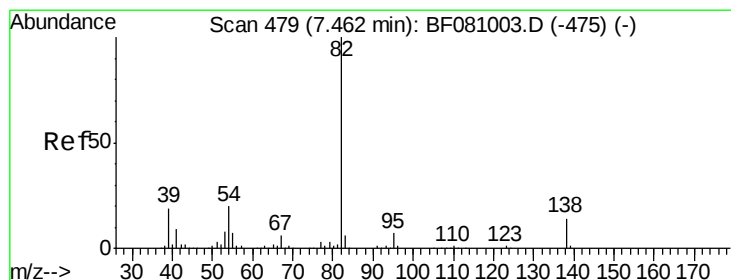
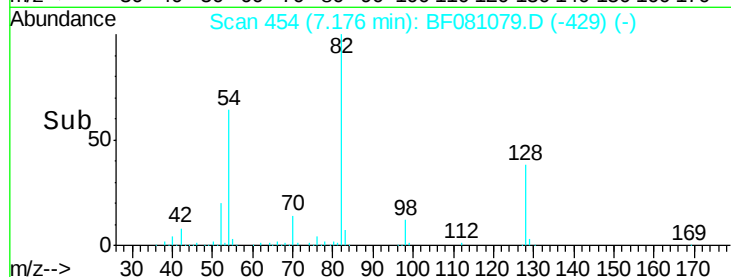
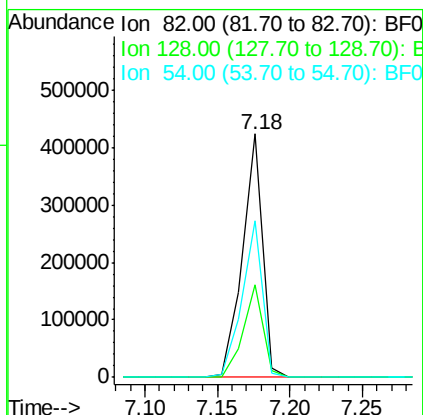
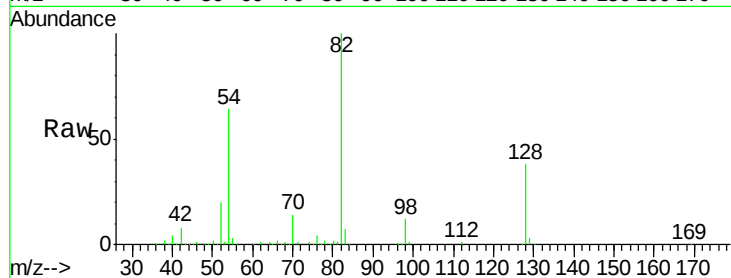




#23
 Nitrobenzene-d5
 Concen: 70.14 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF081079.D
 Acq: 19 Aug 2015 11:41

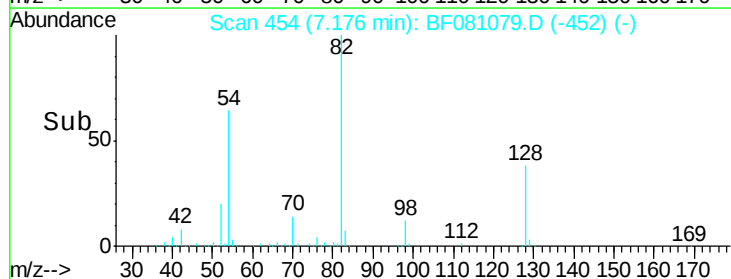
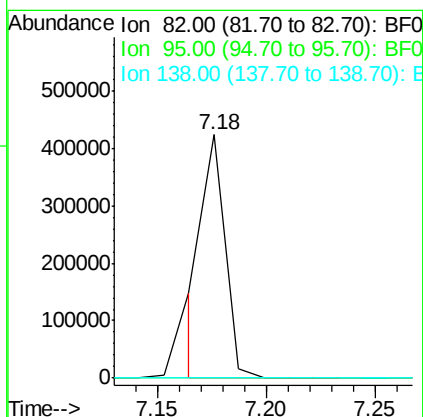
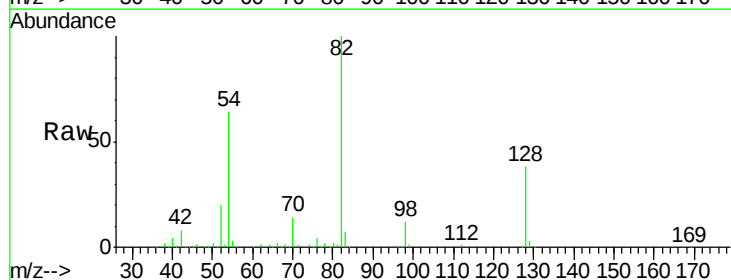
Instrument :
 BNA_F
 ClientSampleId :
 SB05-1.0-2.0-081215

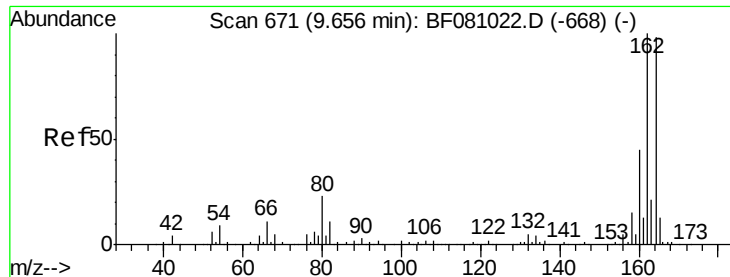
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.9	28.6	42.8
54	64.3	55.1	82.7



#25
 Isophorone
 Concen: 27.94 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.27 min
 Lab File: BF081079.D
 Acq: 19 Aug 2015 11:41

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	10.5	15.7#

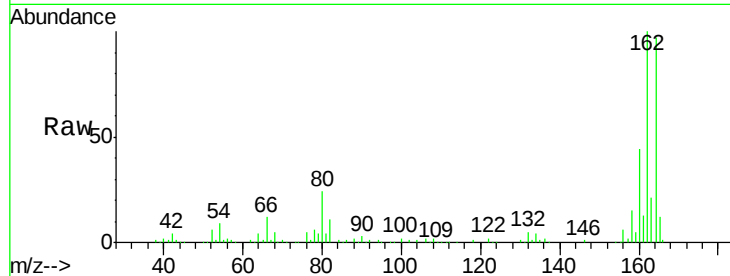




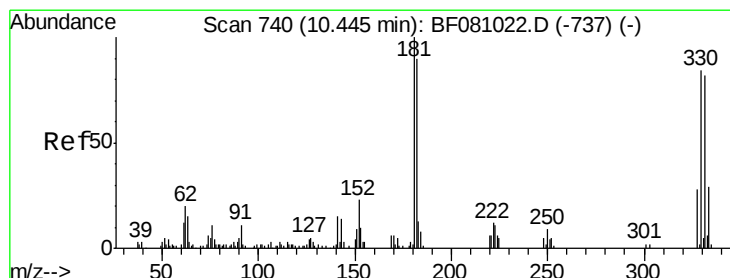
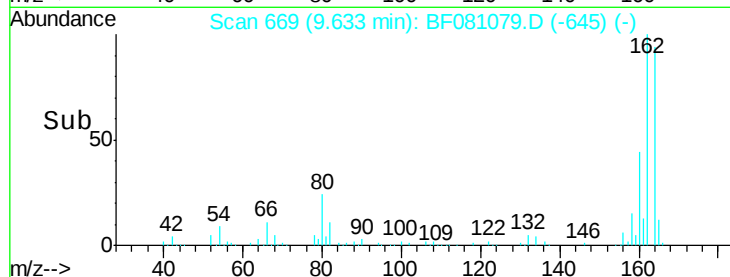
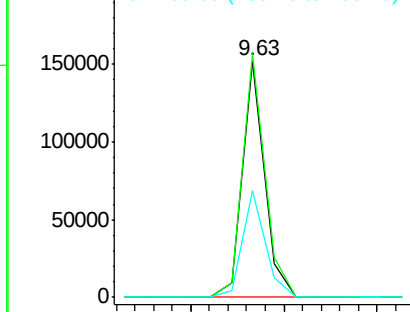
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF081079.D
Acq: 19 Aug 2015 11:41

Instrument :
BNA_F
ClientSampleId :
SB05-1.0-2.0-081215

Tgt Ion:164 Resp: 125595
Ion Ratio Lower Upper
164 100
162 103.2 83.8 125.8
160 45.4 39.8 59.8

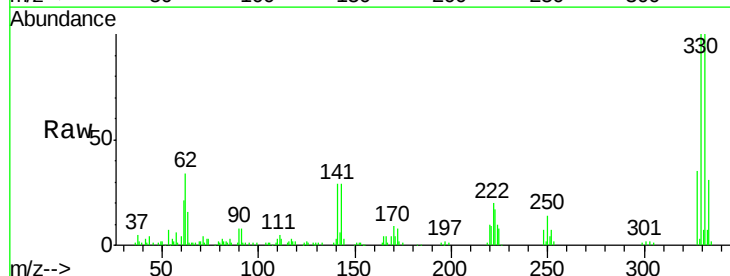


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

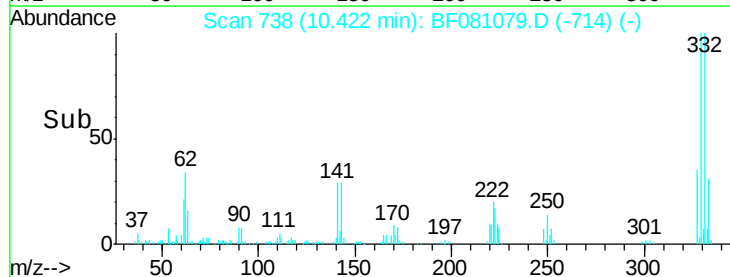
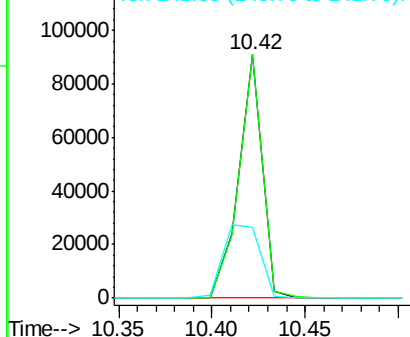


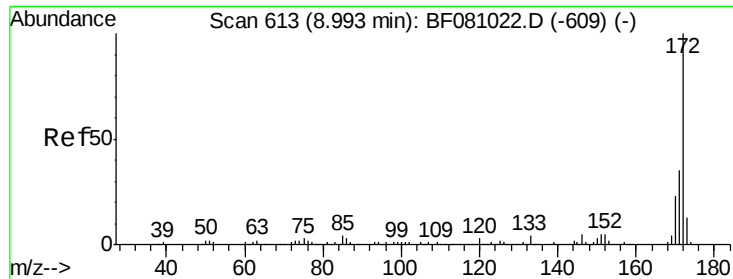
#41
2,4,6-Tribromophenol
Concen: 74.36 ng
RT: 10.42 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF081079.D
Acq: 19 Aug 2015 11:41

Tgt Ion:330 Resp: 80956
Ion Ratio Lower Upper
330 100
332 99.5 77.3 115.9
141 47.0 44.9 67.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

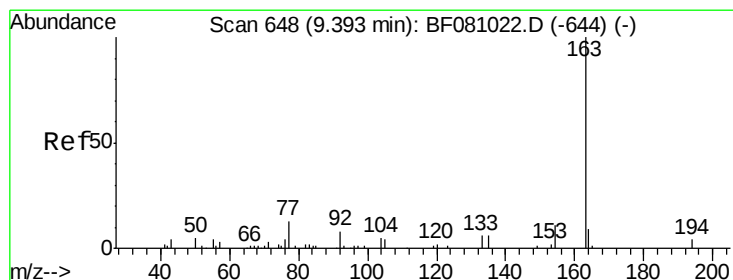
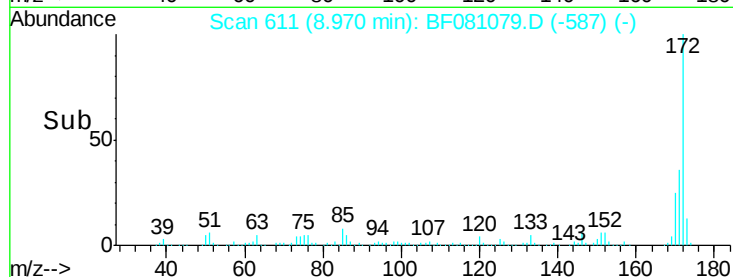
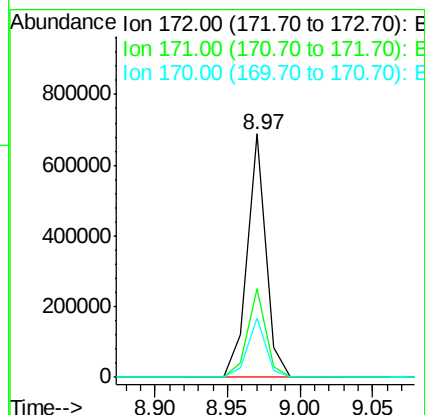
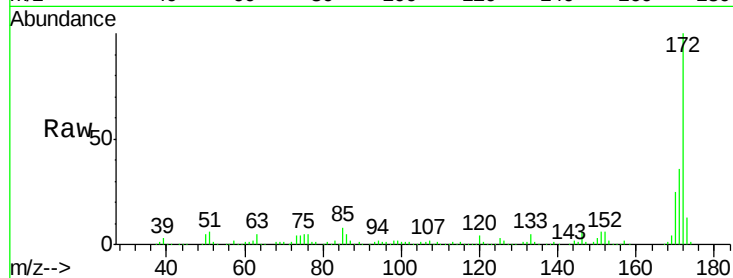




#44
 2-Fluorobiphenyl
 Concen: 64.24 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081079.D
 Acq: 19 Aug 2015 11:41

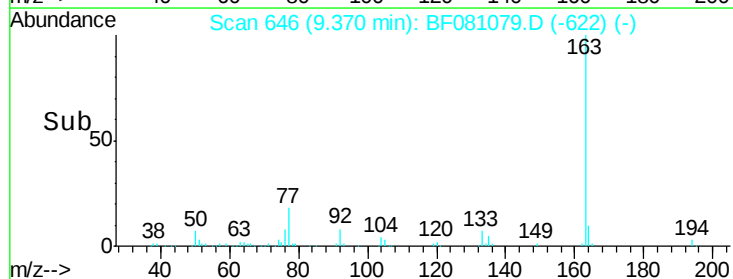
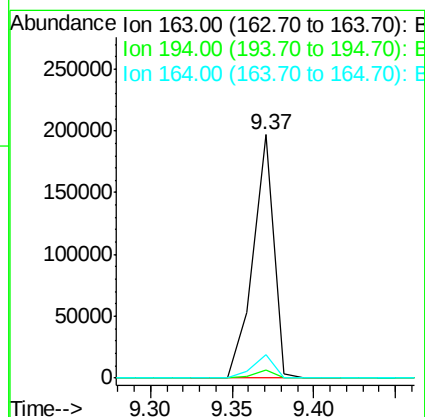
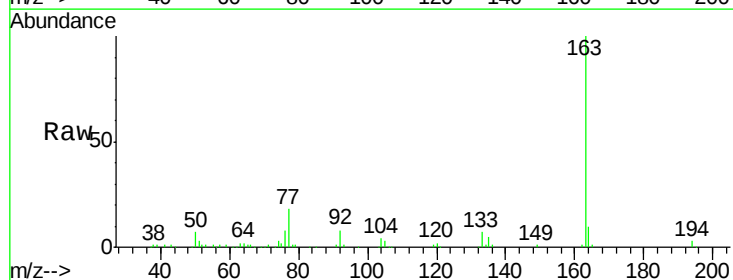
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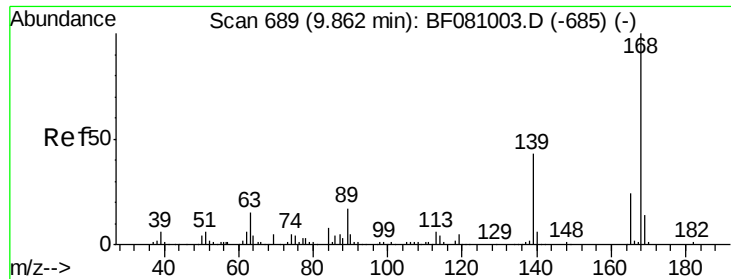
Tgt Ion:172 Resp: 615774
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.6 19.4 29.2



#49
 Dimethylphthalate
 Concen: 16.83 ng
 RT: 9.37 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF081079.D
 Acq: 19 Aug 2015 11:41

Tgt Ion:163 Resp: 174132
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.5 3.7
 164 9.6 8.1 12.1

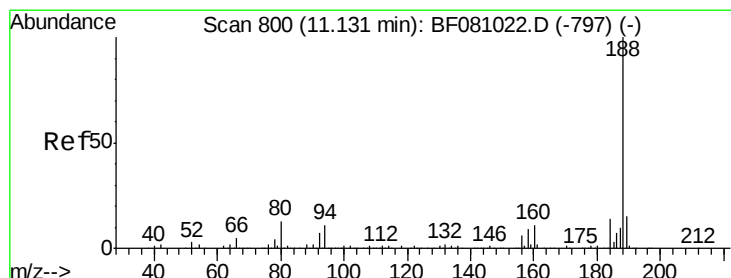
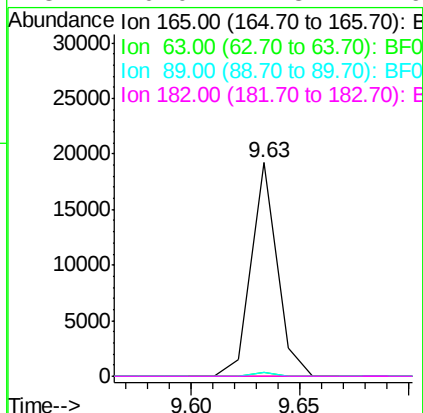
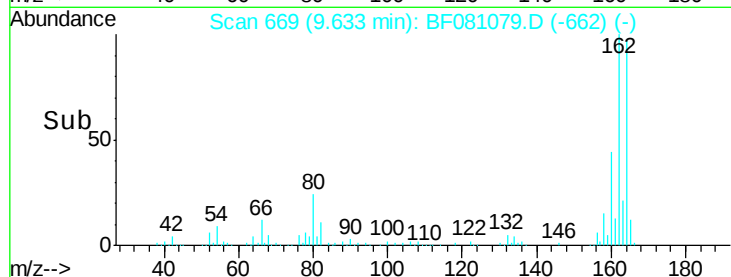
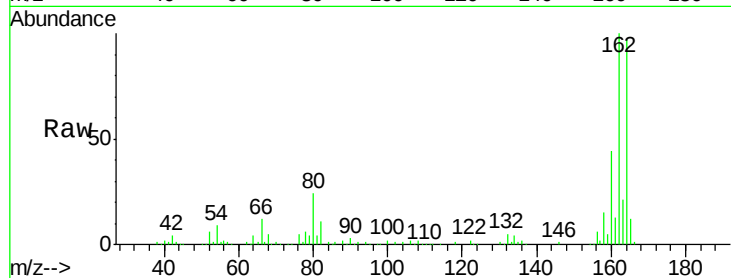




#56
 2,4-Dinitrotoluene
 Concen: 5.43 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.22 min
 Lab File: BF081079.D
 Acq: 19 Aug 2015 11:41

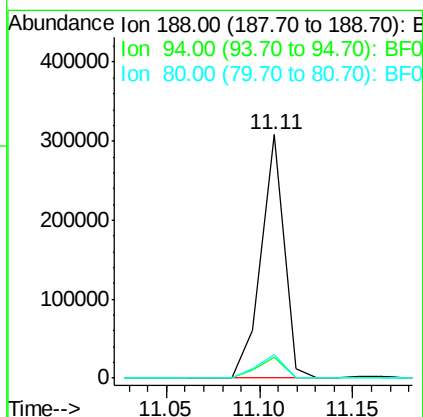
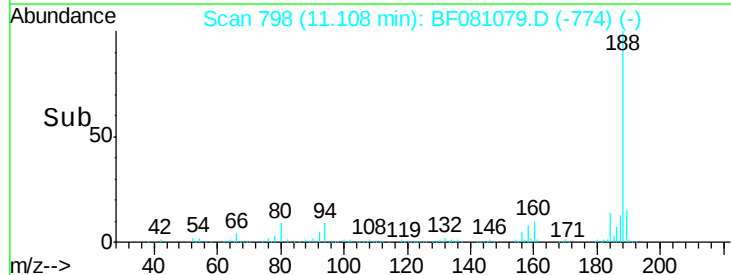
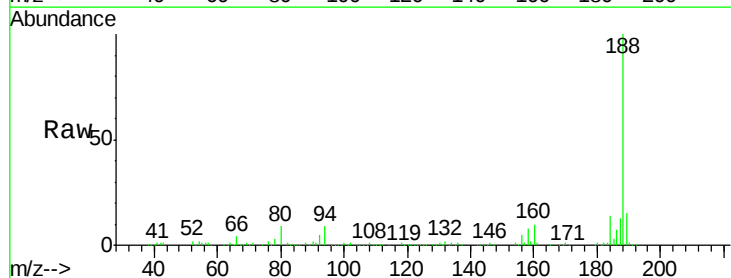
Instrument :
 BNA_F
 ClientSampleId :
 SB05-1.0-2.0-081215

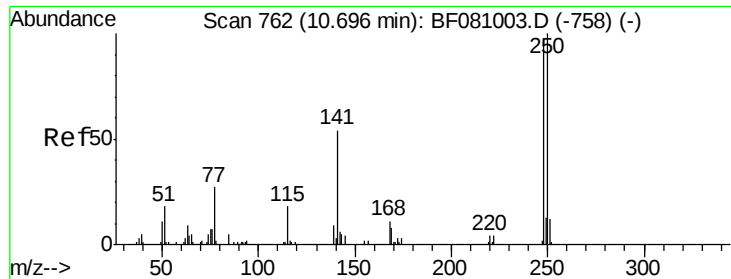
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	52.2	78.4#
89	2.1	60.1	90.1#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF081079.D
 Acq: 19 Aug 2015 11:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.4	9.5	14.3#





#66

4-Bromophenyl-phenylether

Concen: 2.38 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.26 min

Lab File: BF081079.D

Acq: 19 Aug 2015 11:41

Instrument :

BNA_F

ClientSampleId :

SB05-1.0-2.0-081215

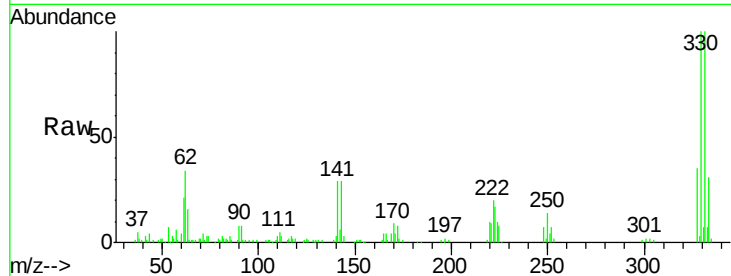
Tgt Ion:248 Resp: 6109

Ion Ratio Lower Upper

248 100

250 219.4 77.8 116.6#

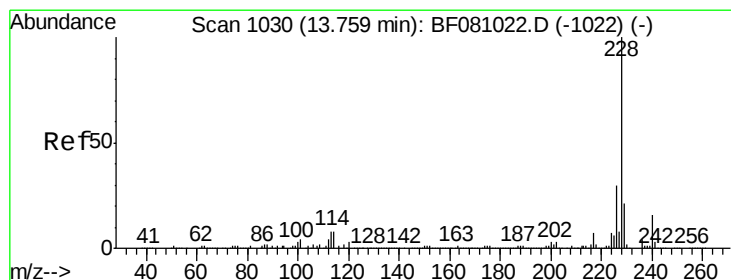
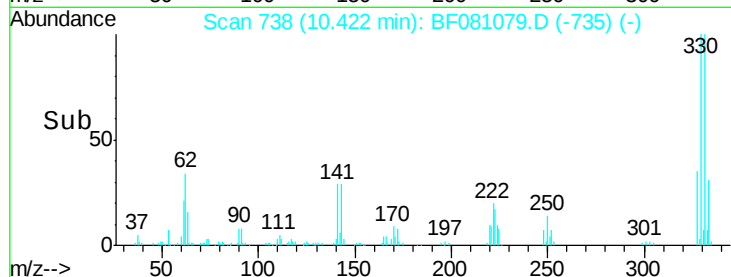
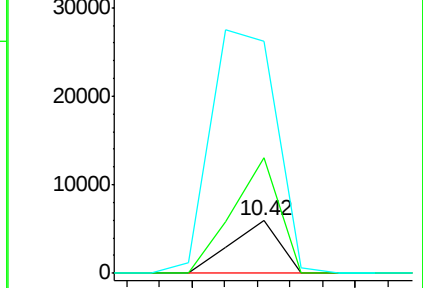
141 441.9 39.8 59.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF081079.D

Acq: 19 Aug 2015 11:41

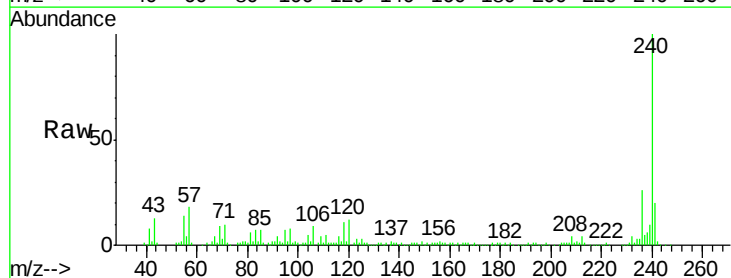
Tgt Ion:240 Resp: 154883

Ion Ratio Lower Upper

240 100

120 11.8 5.6 8.4#

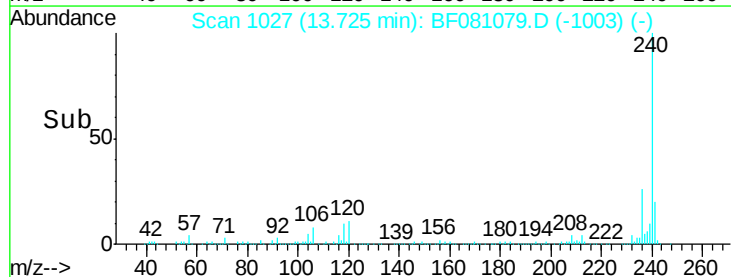
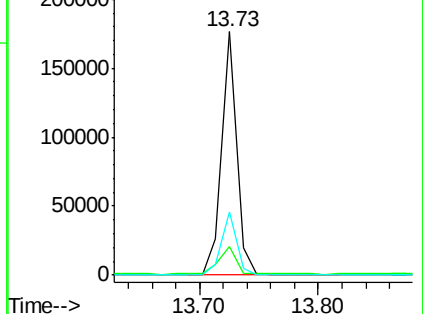
236 25.7 20.6 30.8

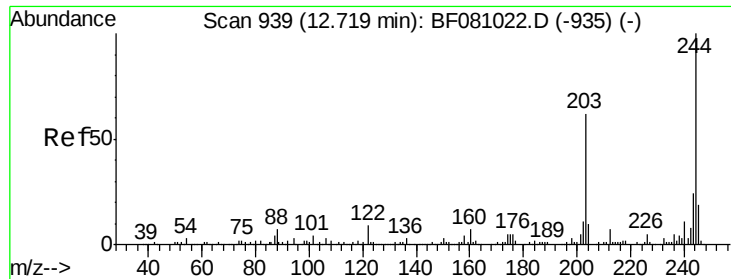


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

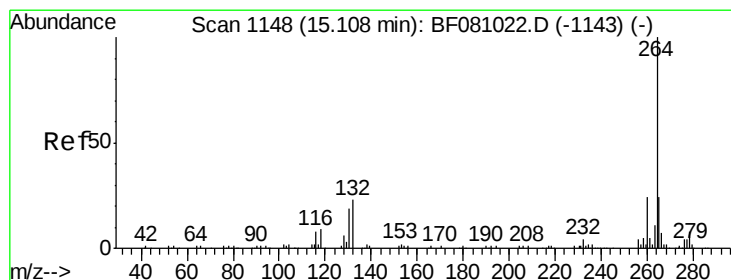
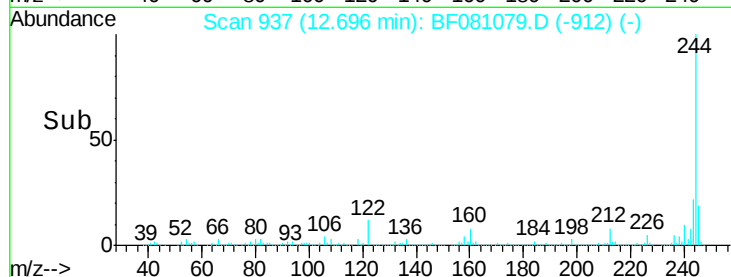
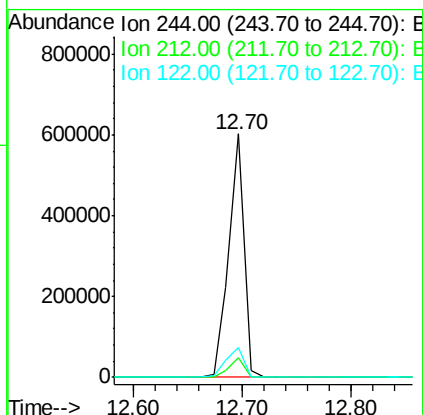
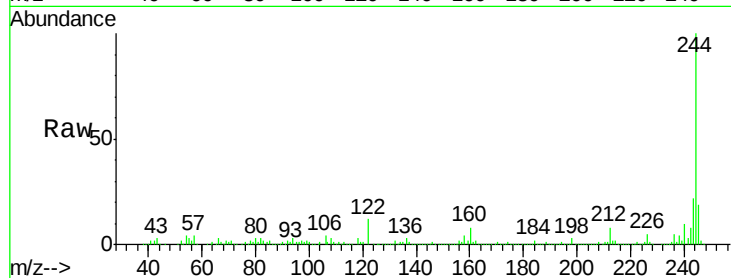




#78
 Terphenyl-d14
 Concen: 80.92 ng
 RT: 12.70 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF081079.D
 Acq: 19 Aug 2015 11:41

Instrument :
 BNA_F
 ClientSampleId :
 SB05-1.0-2.0-081215

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	12.3	8.2	12.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF081079.D
 Acq: 19 Aug 2015 11:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.7	17.5	26.3

