

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081188.D
 Acq On : 25 Aug 2015 1:40
 Operator : UM/IZ
 Sample : G3388-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(7-7.5)BGS

Quant Time: Aug 25 02:13:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 23:49:48 2015
 Response via : Initial Calibration

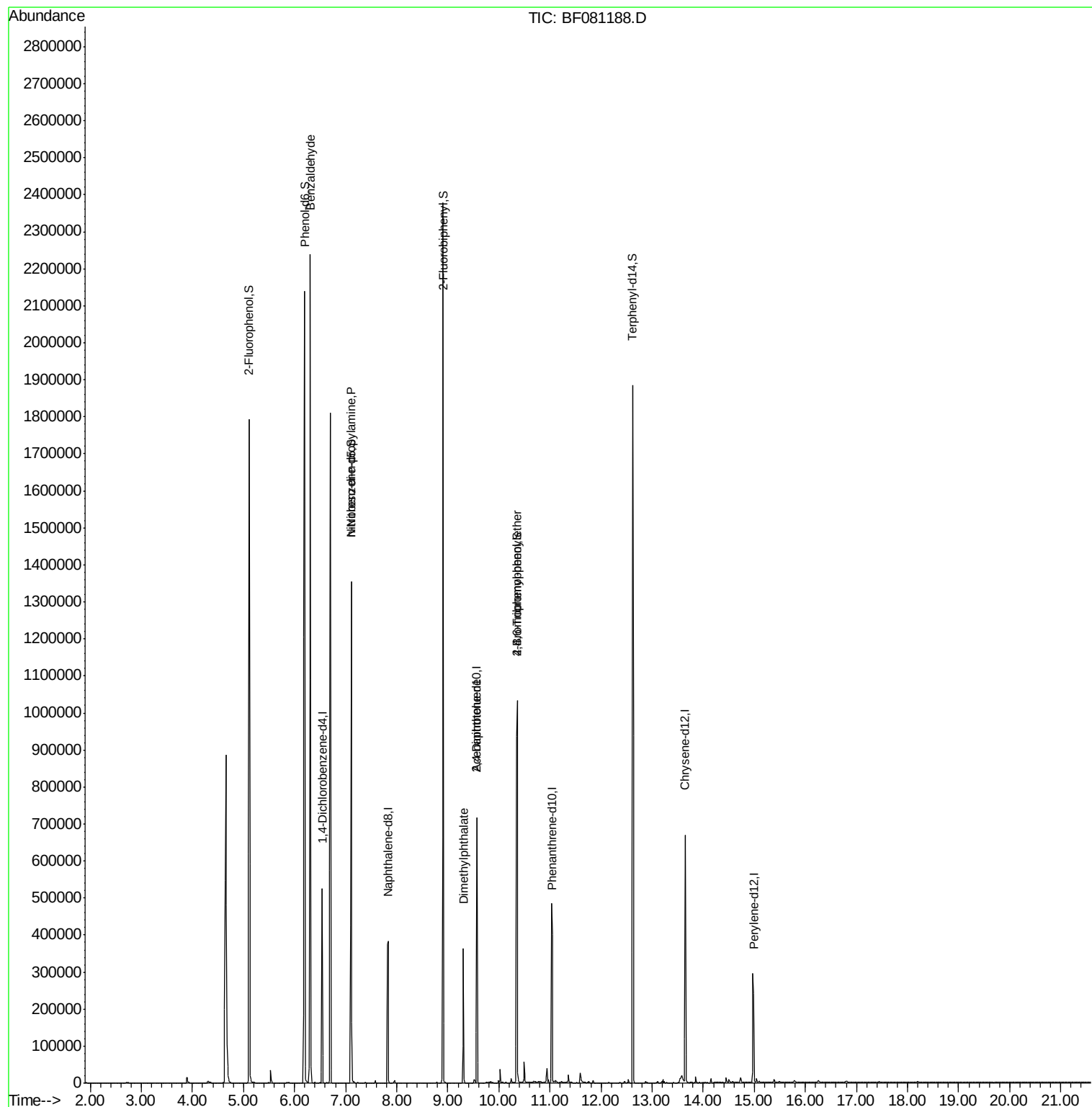
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	68679	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	254503	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	130768	20.00	ng	0.00
63) Phenanthrene-d10	11.04	188	248618	20.00	ng	0.00
75) Chrysene-d12	13.65	240	213352	20.00	ng	-0.01
86) Perylene-d12	14.99	264	146356	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	541673	118.63	ng	0.01
7) Phenol-d6	6.20	99	822676	138.09	ng	0.00
23) Nitrobenzene-d5	7.11	82	452763	81.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	147492	130.12	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	708820	71.02	ng	0.00
78) Terphenyl-d14	12.62	244	702429	70.58	ng	0.00
Target Compounds						
9) Benzaldehyde	6.31	77	16429	4.28	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.11	70	60609	14.69	ng	# 69
49) Dimethylphthalate	9.30	163	142782	13.26	ng	99
56) 2,4-Dinitrotoluene	9.57	165	16364	5.34	ng	# 17
66) 4-Bromophenyl-phenylether	10.36	248	11141	4.56	ng	# 1

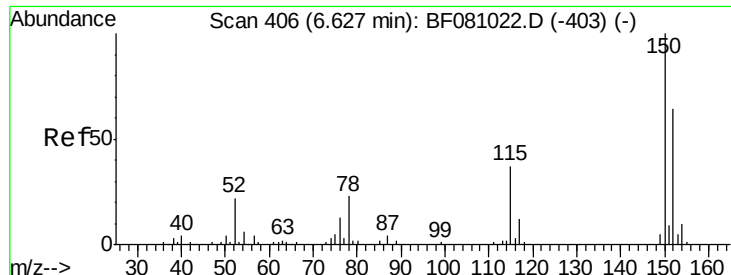
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 23:49:48 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF081188.D

Acq: 25 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

SB-2(7-7.5)BGS

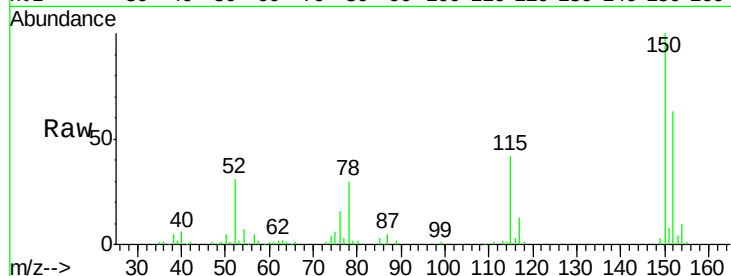
Tgt Ion:152 Resp: 68679

Ion Ratio Lower Upper

152 100

150 159.2 123.8 185.6

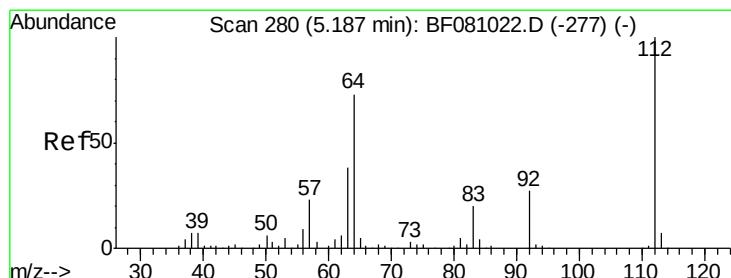
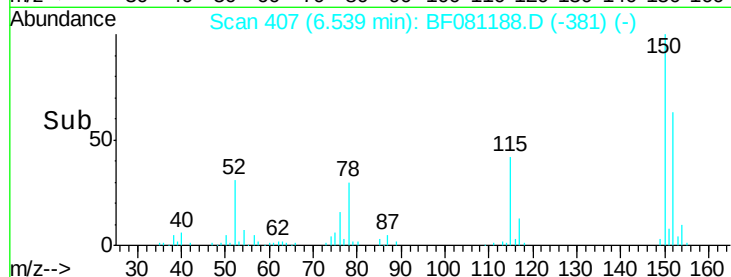
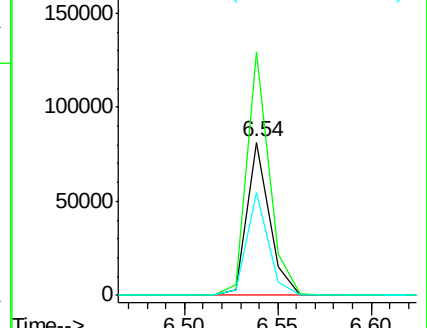
115 67.0 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 118.63 ng

RT: 5.11 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF081188.D

Acq: 25 Aug 2015 1:40

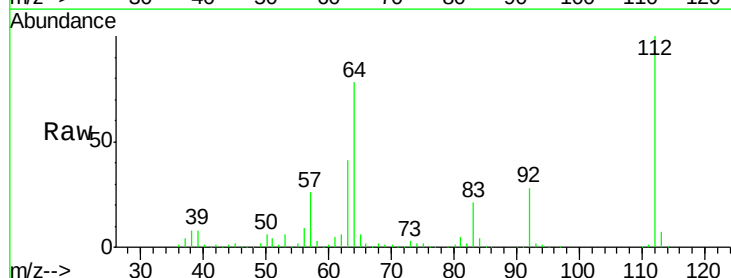
Tgt Ion:112 Resp: 541673

Ion Ratio Lower Upper

112 100

64 78.0 66.9 100.3

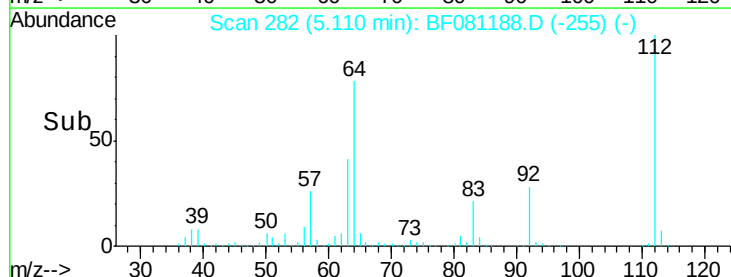
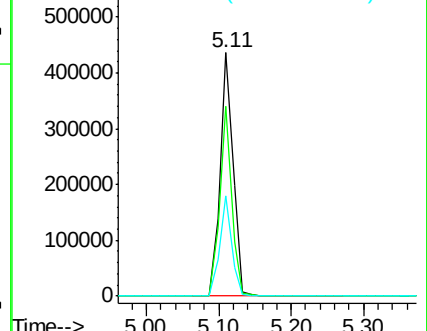
63 41.4 38.1 57.1

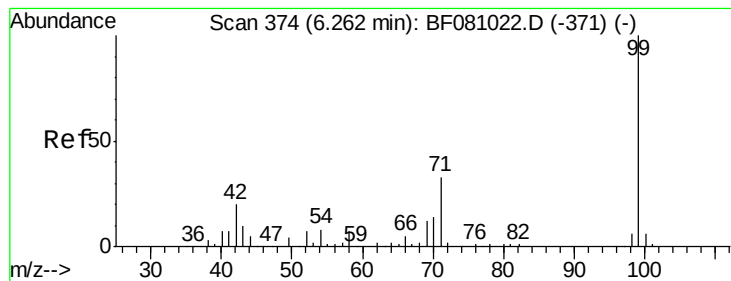


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.09 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081188.D

Acq: 25 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

SB-2(7-7.5)BGS

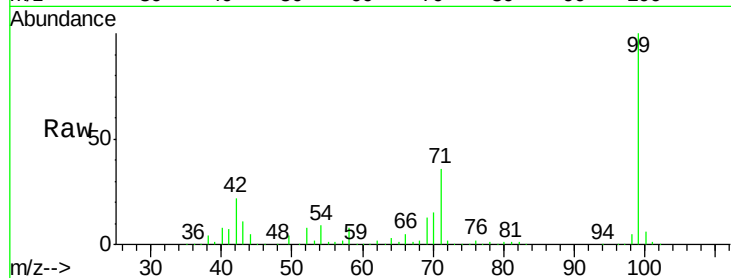
Tgt Ion: 99 Resp: 822676

Ion Ratio Lower Upper

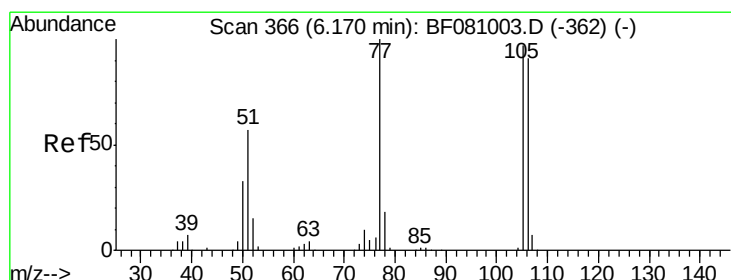
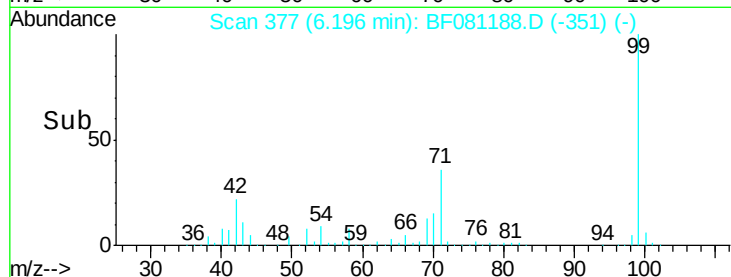
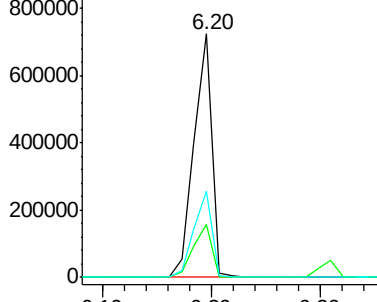
99 100

42 21.7 19.6 29.4

71 35.5 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: 4.28 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.23 min

Lab File: BF081188.D

Acq: 25 Aug 2015 1:40

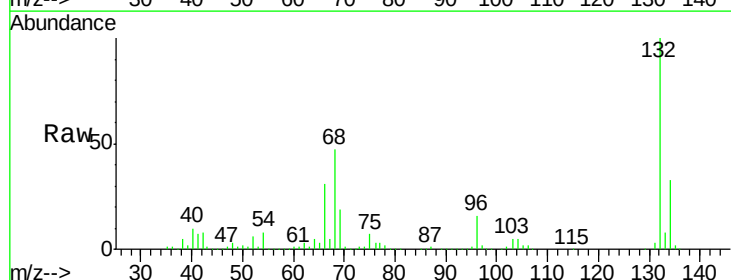
Tgt Ion: 77 Resp: 16429

Ion Ratio Lower Upper

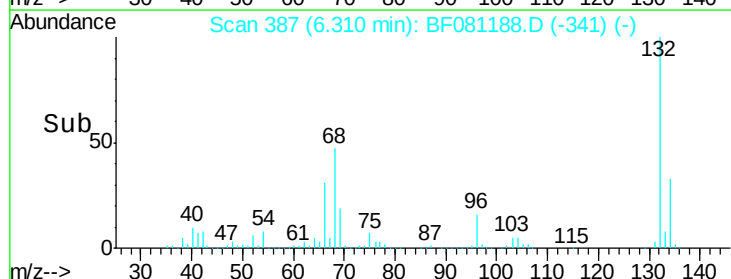
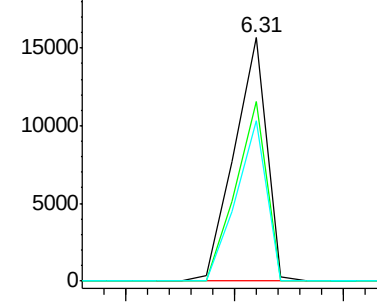
77 100

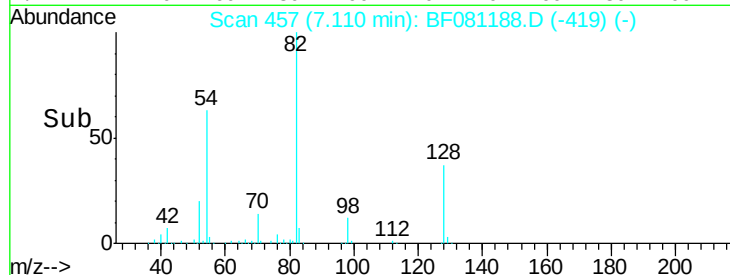
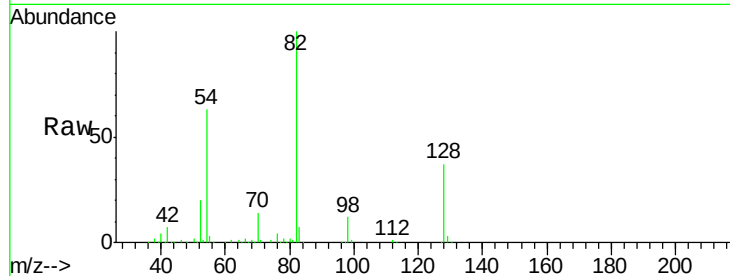
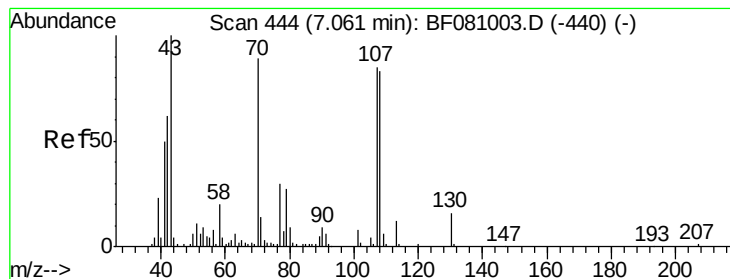
105 74.0 69.6 109.6

106 65.7 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: 14.69 ng

RT: 7.11 min Scan# 457

Delta R.T. 0.14 min

Lab File: BF081188.D

Acq: 25 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

SB-2(7-7.5)BGS

Tgt Ion: 70 Resp: 60609

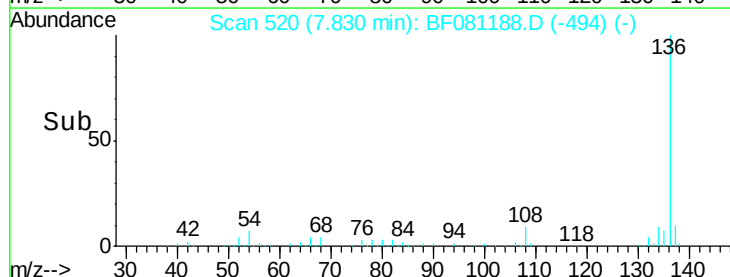
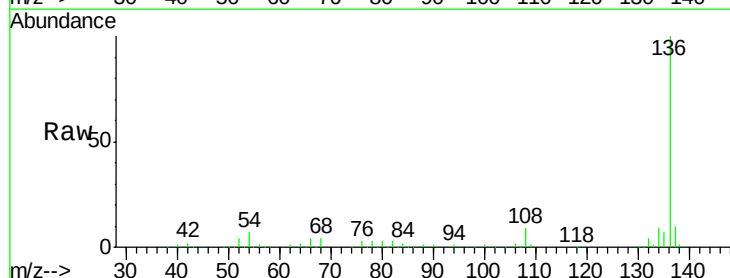
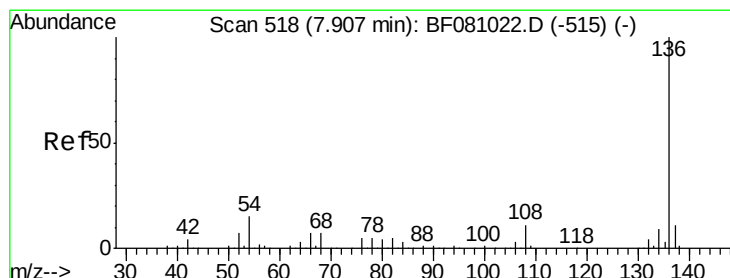
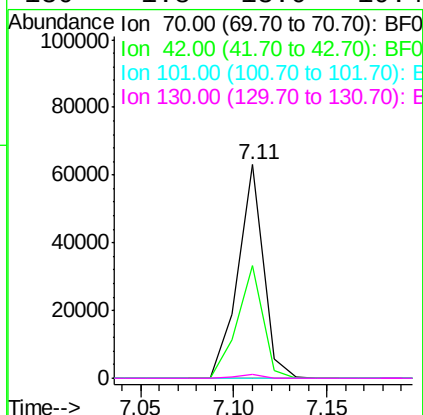
Ion Ratio Lower Upper

70 100

42 53.0 65.0 97.4#

101 0.0 7.4 11.2#

130 1.8 13.0 19.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF081188.D

Acq: 25 Aug 2015 1:40

Tgt Ion: 136 Resp: 254503

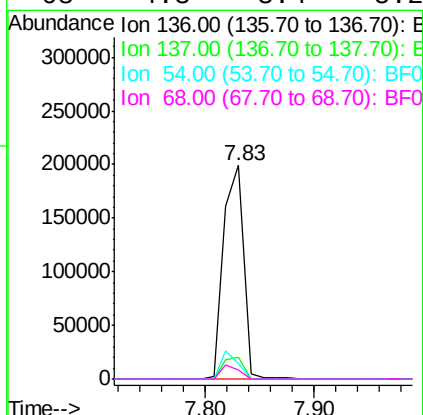
Ion Ratio Lower Upper

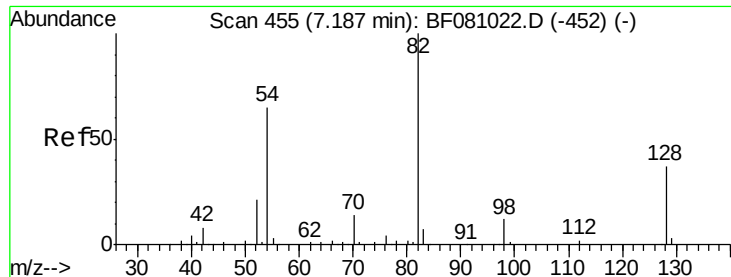
136 100

137 10.3 8.2 12.2

54 7.4 7.7 11.5#

68 4.3 3.4 5.2

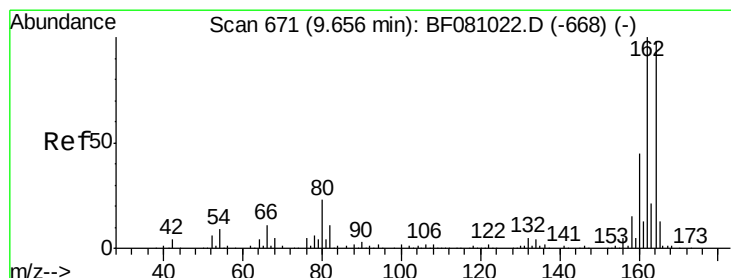
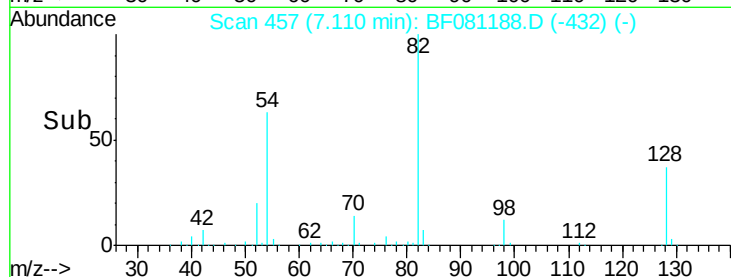
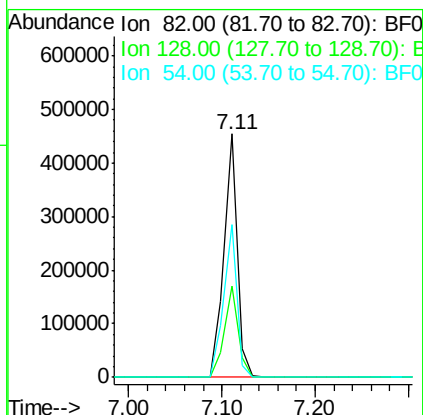
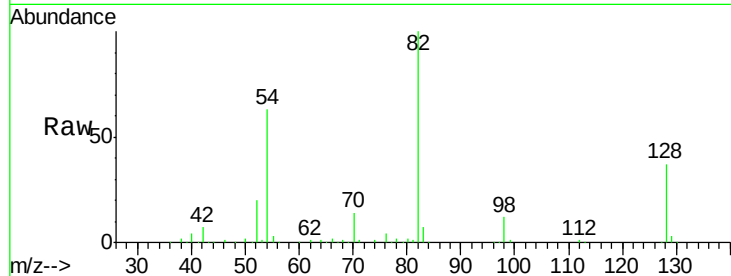




#23
 Nitrobenzene-d5
 Concen: 81.27 ng
 RT: 7.11 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF081188.D
 Acq: 25 Aug 2015 1:40

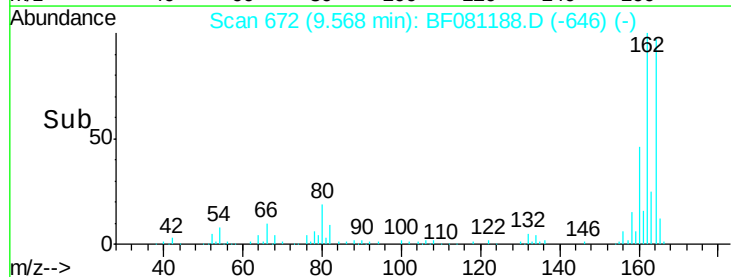
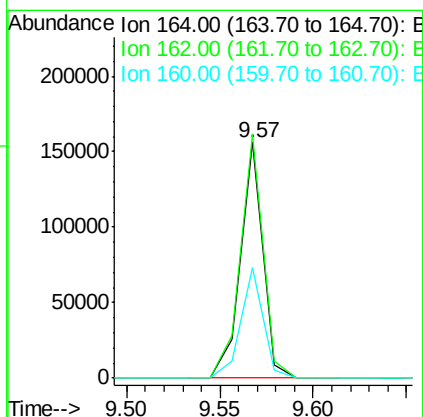
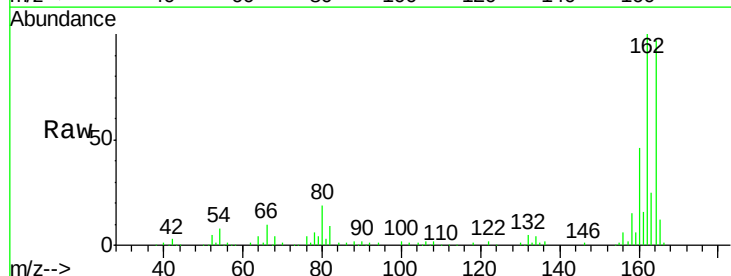
Instrument :
 BNA_F
 ClientSampleId :
 SB-2(7-7.5)BGS

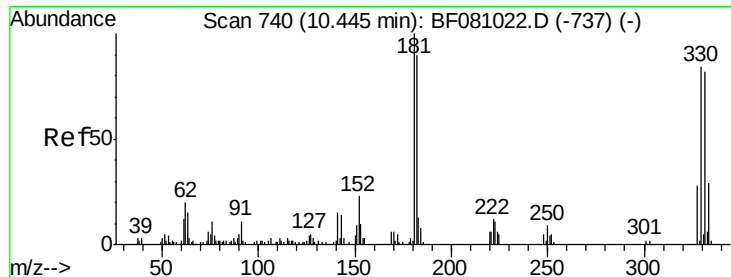
Tgt Ion: 82 Resp: 452763
 Ion Ratio Lower Upper
 82 100
 128 37.4 28.6 42.8
 54 63.0 55.1 82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF081188.D
 Acq: 25 Aug 2015 1:40

Tgt Ion: 164 Resp: 130768
 Ion Ratio Lower Upper
 164 100
 162 103.4 83.8 125.8
 160 47.2 39.8 59.8





#41

2,4,6-Tribromophenol

Concen: 130.12 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF081188.D

Acq: 25 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

SB-2(7-7.5)BGS

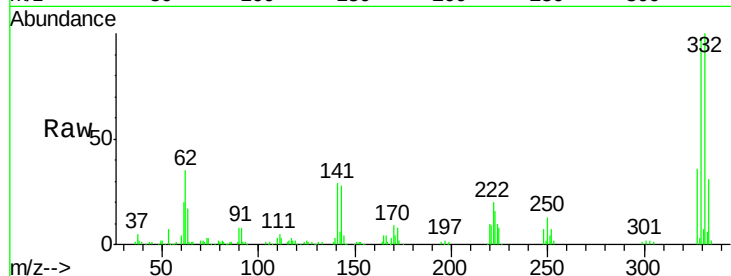
Tgt Ion:330 Resp: 147492

Ion Ratio Lower Upper

330 100

332 99.2 77.3 115.9

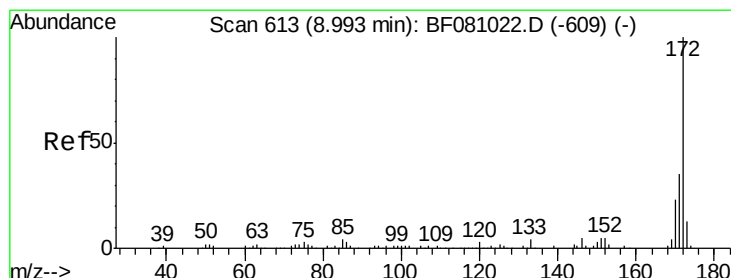
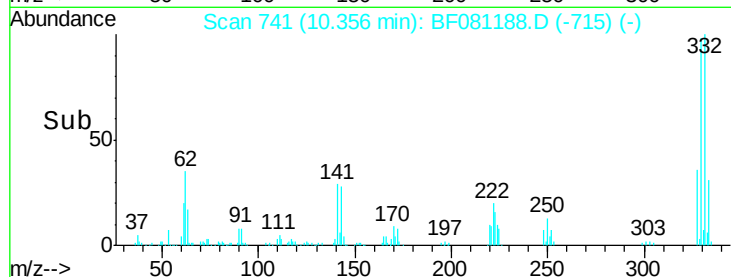
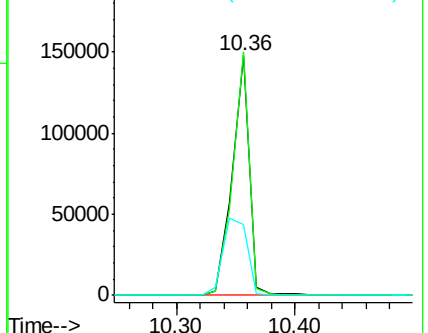
141 46.1 44.9 67.3



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: 71.02 ng

RT: 8.90 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF081188.D

Acq: 25 Aug 2015 1:40

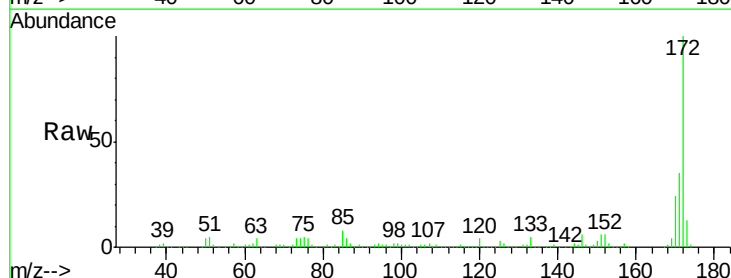
Tgt Ion:172 Resp: 708820

Ion Ratio Lower Upper

172 100

171 35.4 28.9 43.3

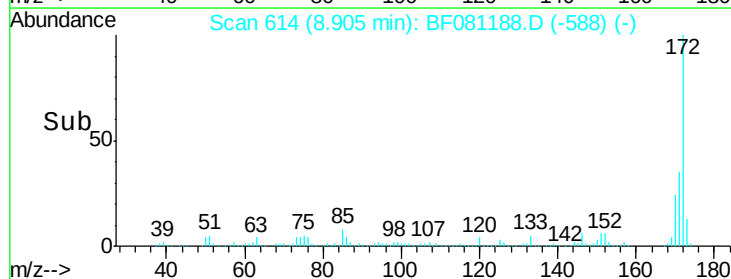
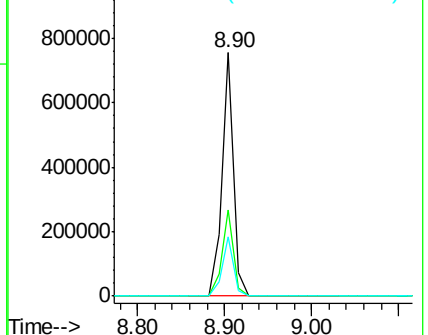
170 24.4 19.4 29.2

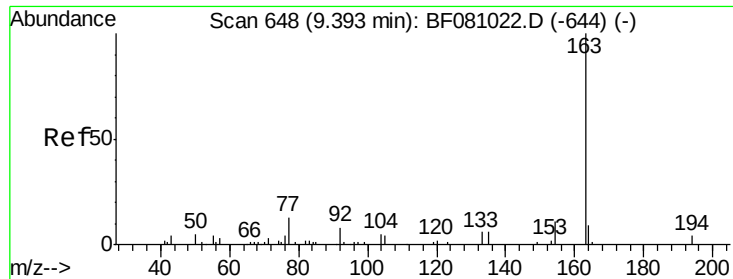


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 13.26 ng

RT: 9.30 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF081188.D

Acq: 25 Aug 2015 1:40

Instrument :

BNA_F

ClientSampleId :

SB-2(7-7.5)BGS

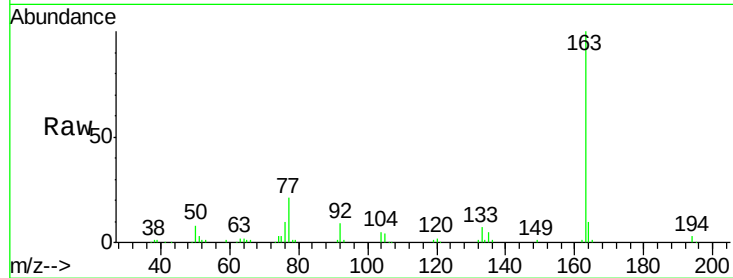
Tgt Ion:163 Resp: 142782

Ion Ratio Lower Upper

163 100

194 3.4 2.5 3.7

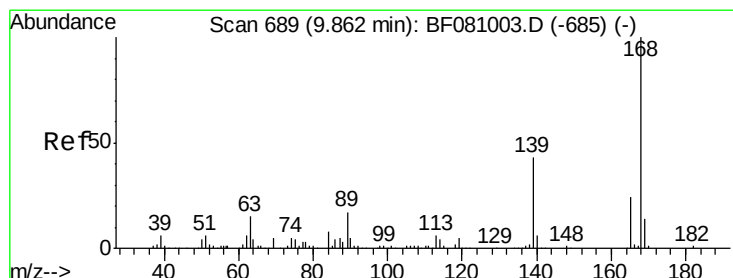
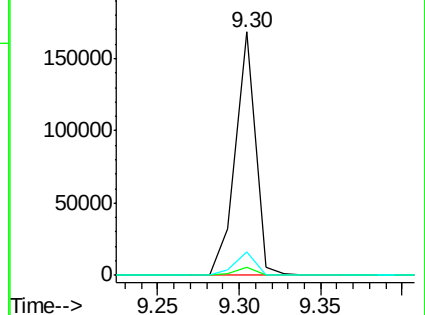
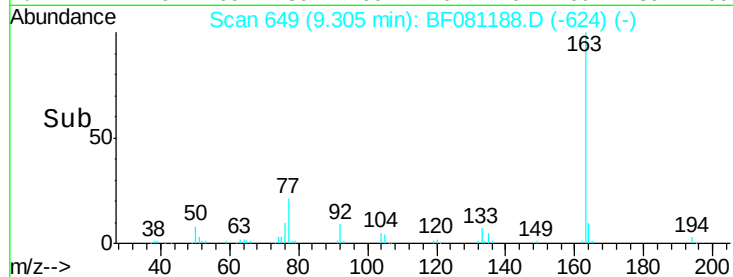
164 9.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 5.34 ng

RT: 9.57 min Scan# 672

Delta R.T. -0.21 min

Lab File: BF081188.D

Acq: 25 Aug 2015 1:40

Tgt Ion:165 Resp: 16364

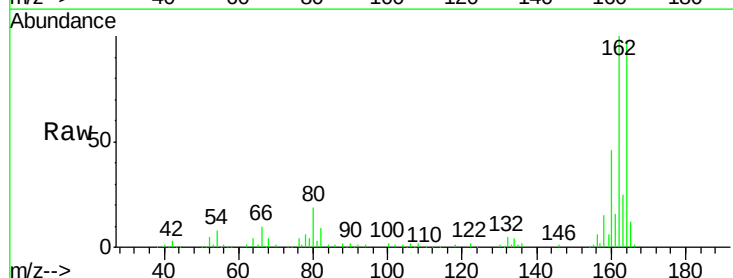
Ion Ratio Lower Upper

165 100

63 0.0 52.2 78.4#

89 2.1 60.1 90.1#

182 0.0 1.8 2.6#

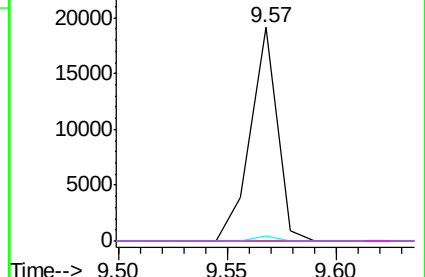
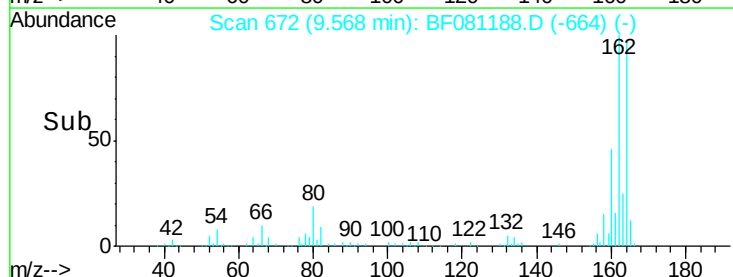


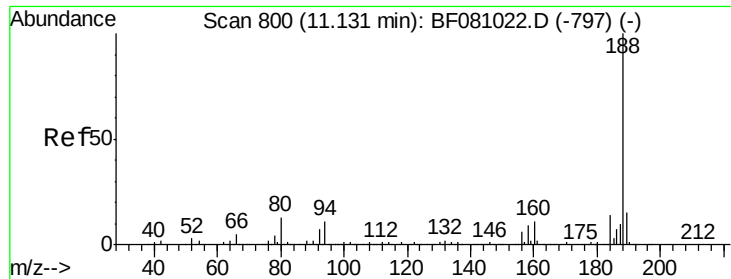
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

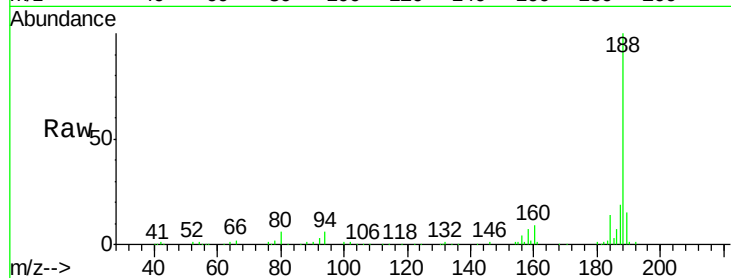




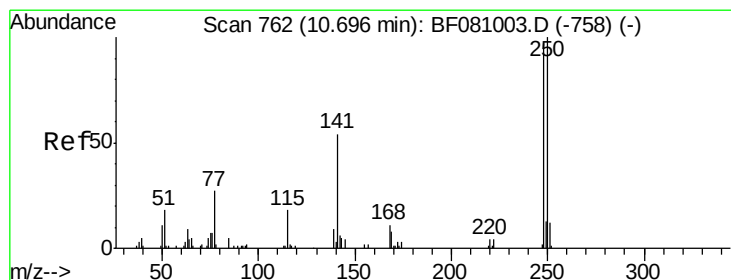
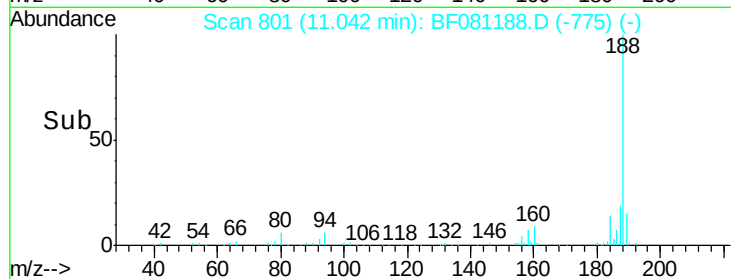
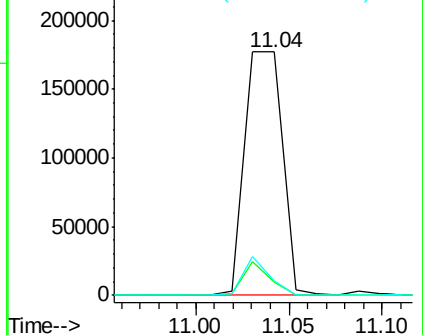
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF081188.D
Acq: 25 Aug 2015 1:40

Instrument :
BNA_F
ClientSampleId :
SB-2(7-7.5)BGS

Tgt Ion:188 Resp: 248618
Ion Ratio Lower Upper
188 100
94 5.7 8.2 12.2#
80 5.8 9.5 14.3#

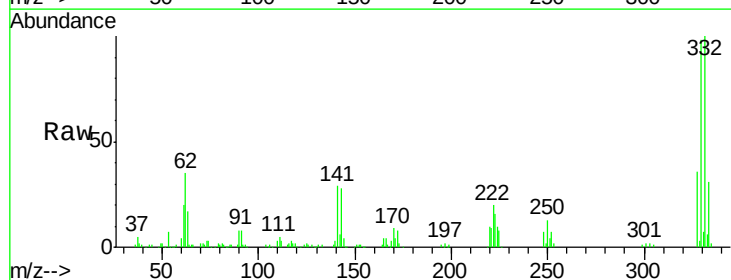


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

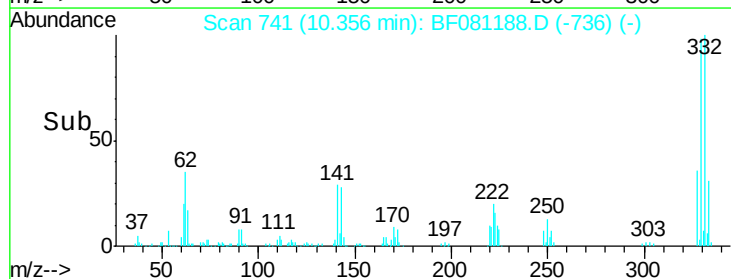
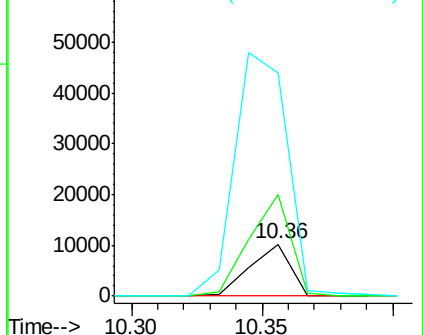


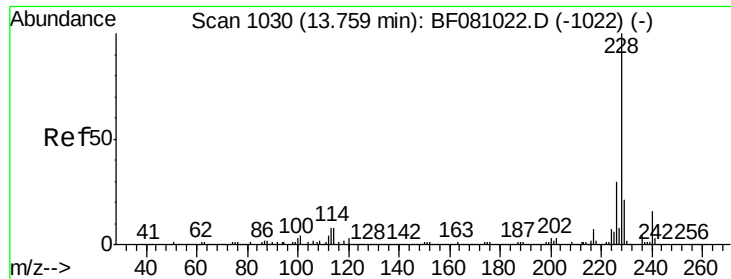
#66
4-Bromophenyl-phenylether
Concen: 4.56 ng
RT: 10.36 min Scan# 741
Delta R.T. -0.24 min
Lab File: BF081188.D
Acq: 25 Aug 2015 1:40

Tgt Ion:248 Resp: 11141
Ion Ratio Lower Upper
248 100
250 195.7 77.8 116.6#
141 431.5 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

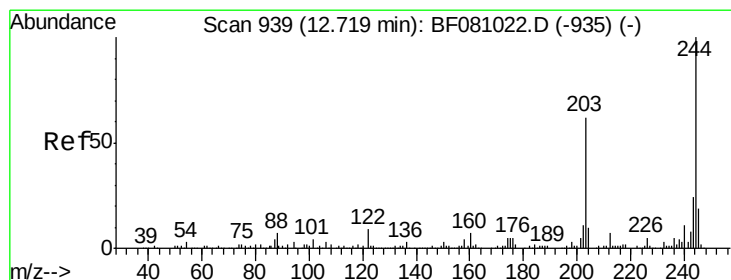
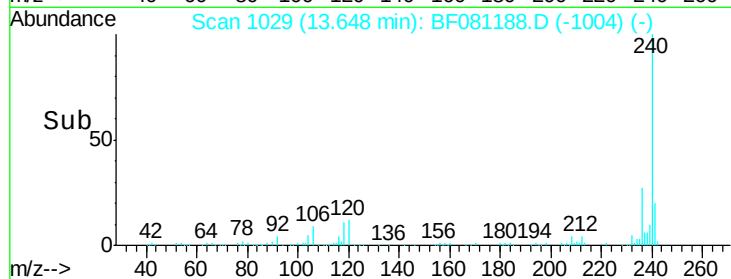
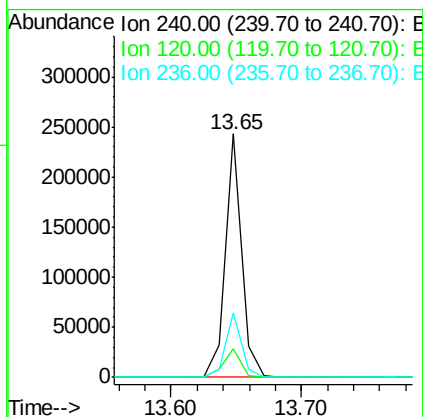
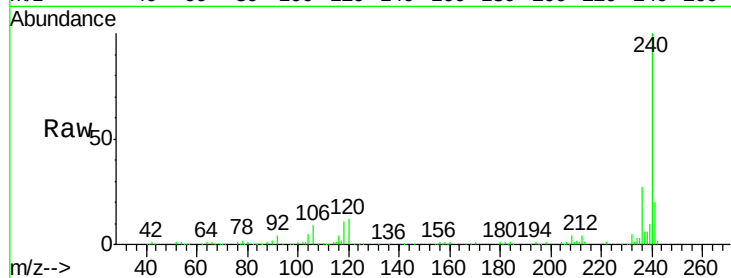




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.65 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF081188.D
 Acq: 25 Aug 2015 1:40

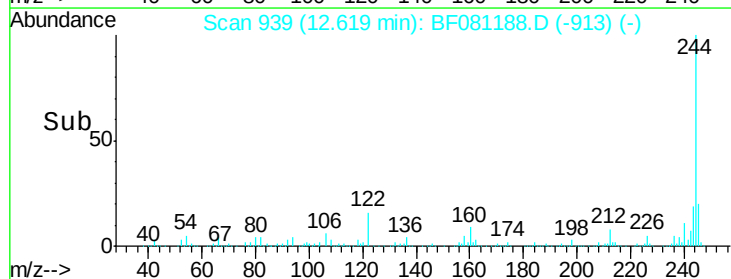
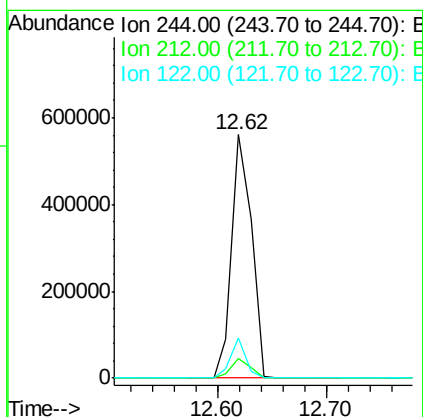
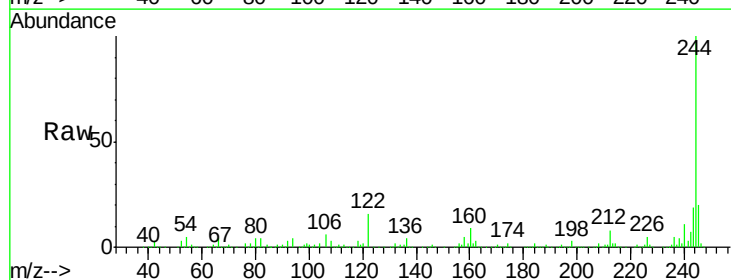
Instrument :
 BNA_F
 ClientSampleId :
 SB-2(7-7.5)BGS

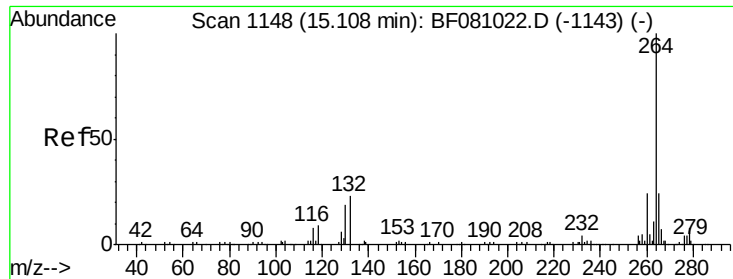
Tgt Ion:240 Resp: 213352
 Ion Ratio Lower Upper
 240 100
 120 11.9 5.6 8.4#
 236 26.7 20.6 30.8



#78
 Terphenyl-d14
 Concen: 70.58 ng
 RT: 12.62 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF081188.D
 Acq: 25 Aug 2015 1:40

Tgt Ion:244 Resp: 702429
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 16.3 8.2 12.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.99 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF081188.D
Acq: 25 Aug 2015 1:40

Instrument :
BNA_F
ClientSampleId :
SB-2(7-7.5)BGS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	20.6	17.5	26.3

