

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
 Data File : BF081135.D
 Acq On : 20 Aug 2015 20:42
 Operator : UM/IZ
 Sample : G3282-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB06-4.0-4.5-081215

Quant Time: Aug 21 01:37:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

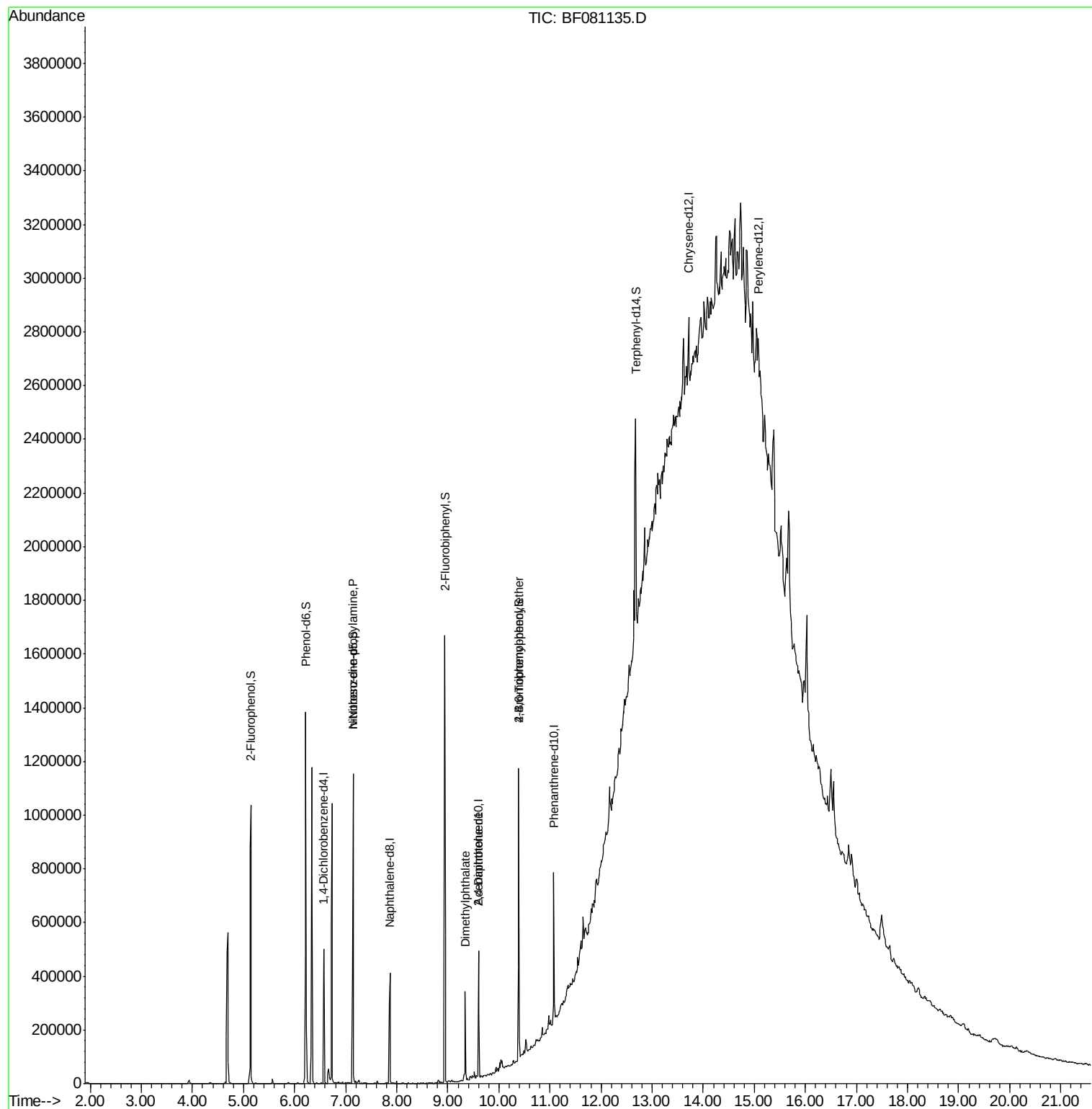
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	65381	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	234801	20.00	ng	-0.01
38) Acenaphthene-d10	9.60	164	99968	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	186046	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	97082	20.00	ng	0.01
86) Perylene-d12	15.08	264	88084	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	355883	81.87	ng	0.00
7) Phenol-d6	6.22	99	478489	84.37	ng	-0.01
23) Nitrobenzene-d5	7.14	82	370915	72.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.39	330	93881	108.34	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	547942	71.82	ng	-0.02
78) Terphenyl-d14	12.68	244	374948	82.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.14	70	50188	12.77	ng	# 69
49) Dimethylphthalate	9.34	163	109956	13.36	ng	99
56) 2,4-Dinitrotoluene	9.60	165	13035	5.56	ng	# 17
66) 4-Bromophenyl-phenylether	10.39	248	7587	4.15	ng	# 1

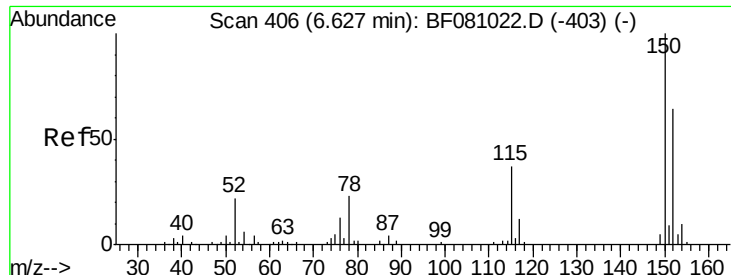
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF081135.D

Acq: 20 Aug 2015 20:42

Instrument :

BNA_F

ClientSampleId :

SB06-4.0-4.5-081215

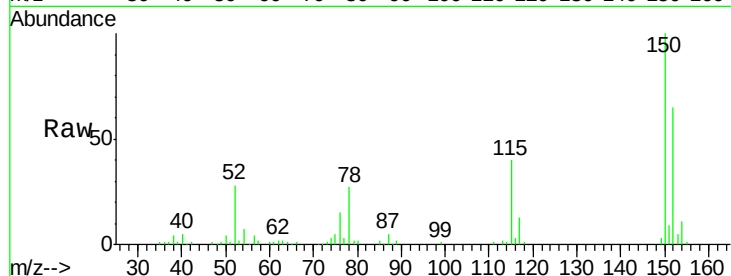
Tot Ion:152 Resp: 65381

Ion Ratio Lower Upper

152 100

150 154.9 123.8 185.6

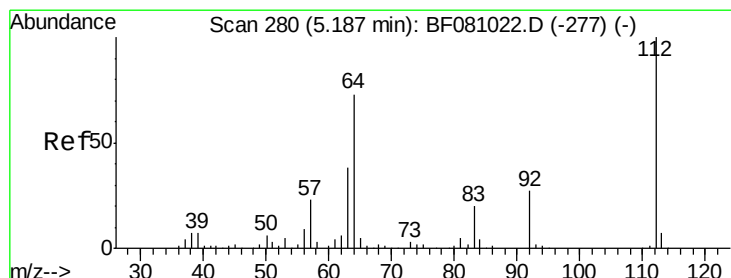
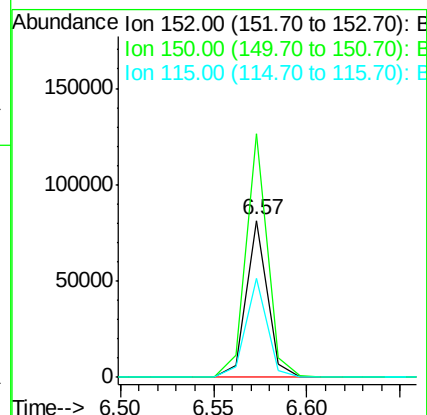
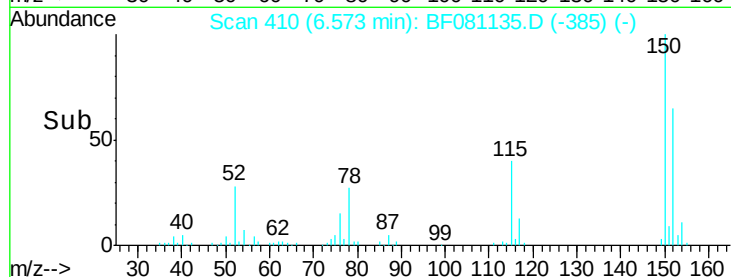
115 62.6 52.1 78.1



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: 81.87 ng

RT: 5.14 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF081135.D

Acq: 20 Aug 2015 20:42

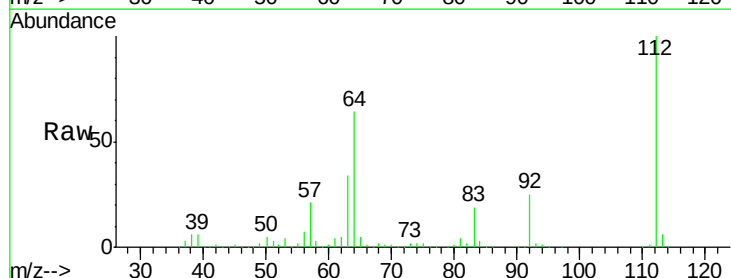
Tgt Ion:112 Resp: 355883

Ion Ratio Lower Upper

112 100

64 63.8 66.9 100.3#

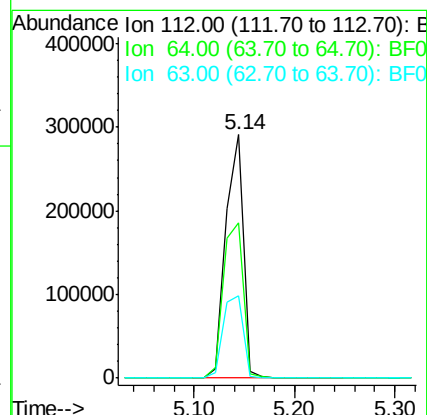
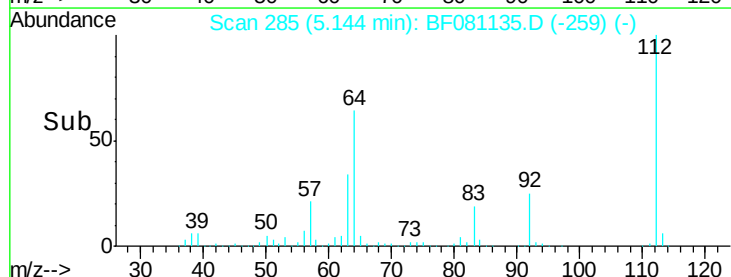
63 33.6 38.1 57.1#

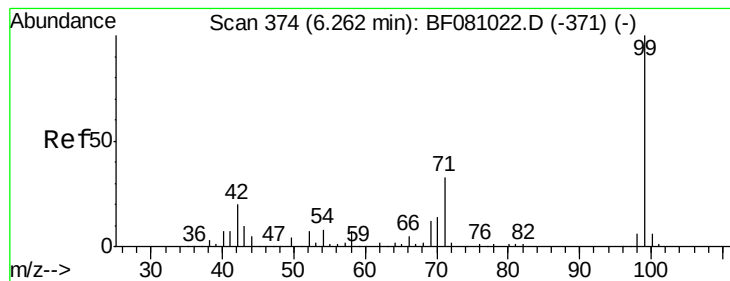


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 84.37 ng

RT: 6.22 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF081135.D

Acq: 20 Aug 2015 20:42

Instrument :

BNA_F

ClientSampleId :

SB06-4.0-4.5-081215

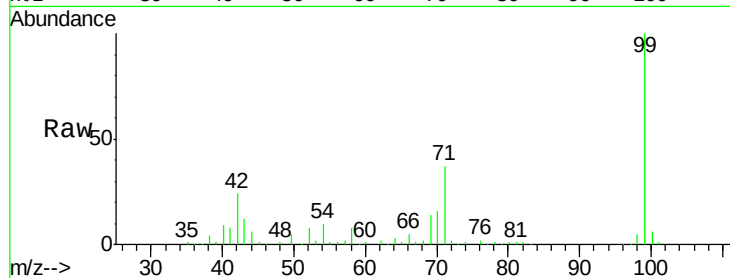
Tot Ion: 99 Resp: 478489

Ion Ratio Lower Upper

99 100

42 23.8 19.6 29.4

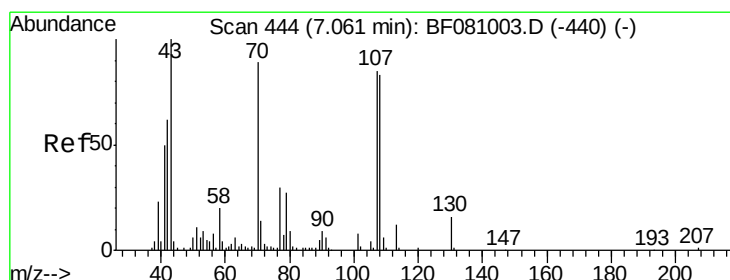
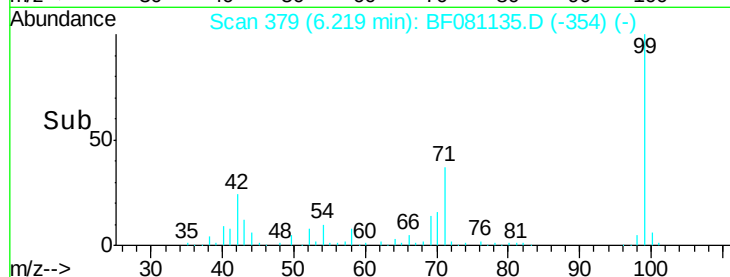
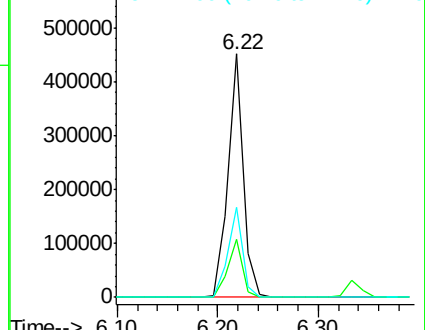
71 37.1 31.2 46.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.77 ng

RT: 7.14 min Scan# 460

Delta R.T. 0.13 min

Lab File: BF081135.D

Acq: 20 Aug 2015 20:42

Tgt Ion: 70 Resp: 50188

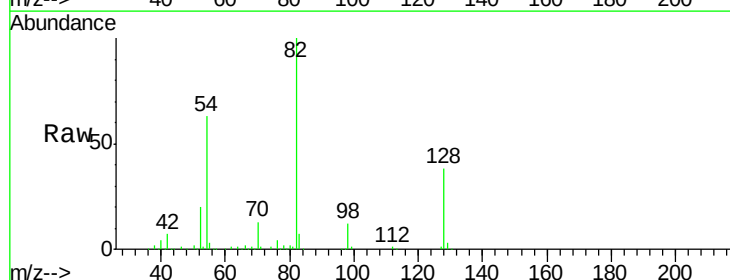
Ion Ratio Lower Upper

70 100

42 53.2 65.0 97.4#

101 0.0 7.4 11.2#

130 2.2 13.0 19.4#

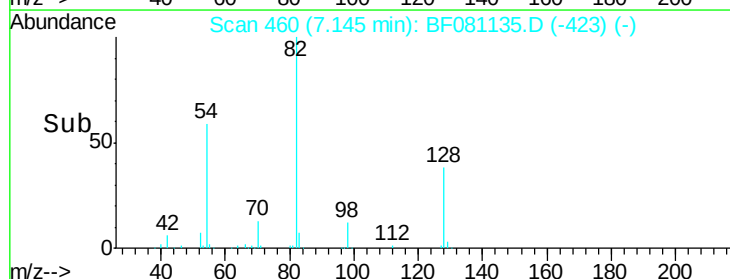
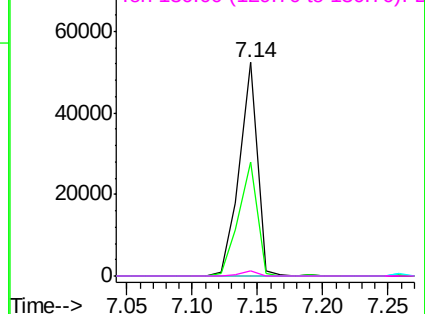


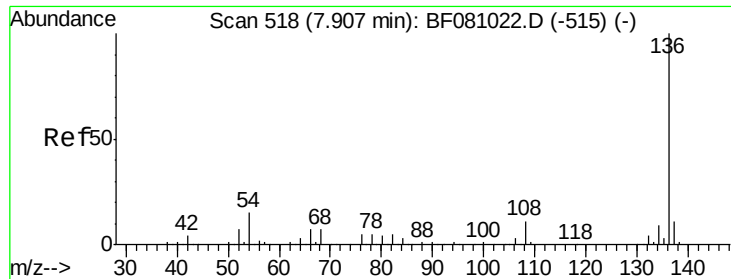
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

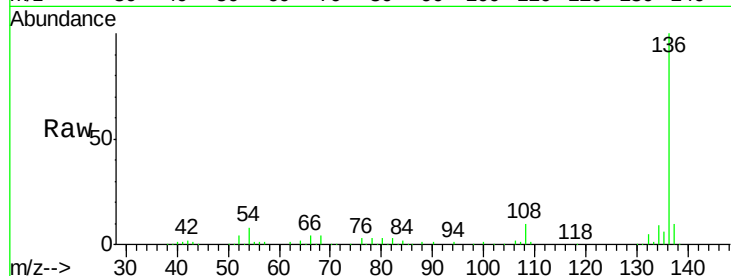




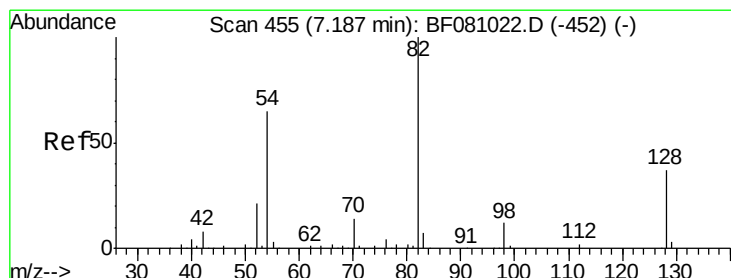
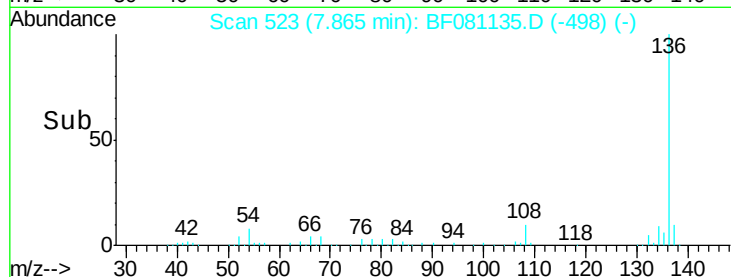
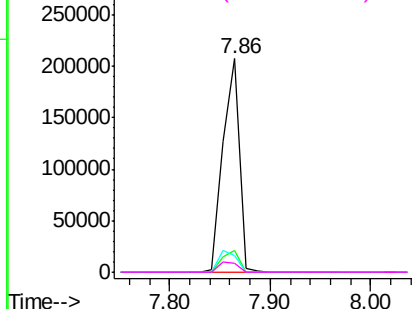
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF081135.D
Acq: 20 Aug 2015 20:42

Instrument :
BNA_F
ClientSampleId :
SB06-4.0-4.5-081215

Tot Ion:136	Resp:	234801
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.2 12.2
54	7.9	7.7 11.5
68	4.3	3.4 5.2

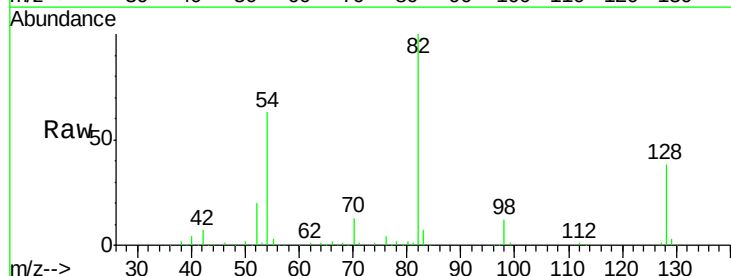


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

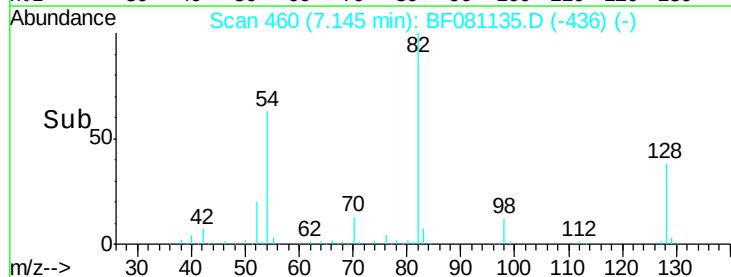
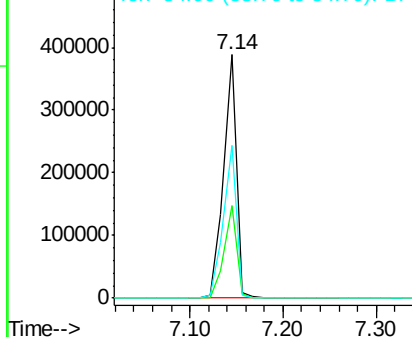


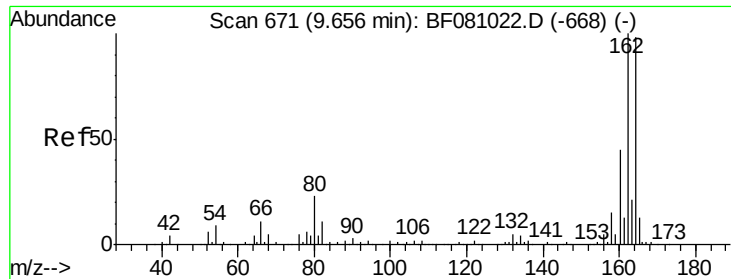
#23
Nitrobenzene-d5
Concen: 72.16 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF081135.D
Acq: 20 Aug 2015 20:42

Tgt Ion: 82	Resp:	370915
Ion Ratio	Lower	Upper
82	100	
128	37.8	28.6 42.8
54	62.6	55.1 82.7



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

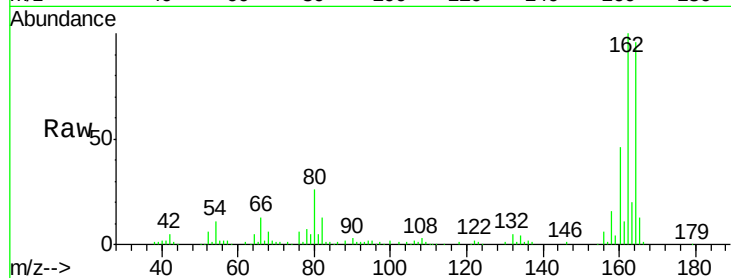




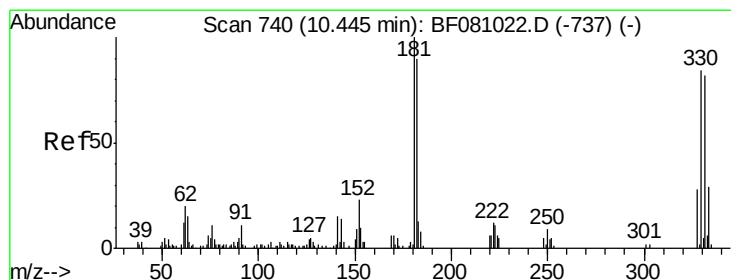
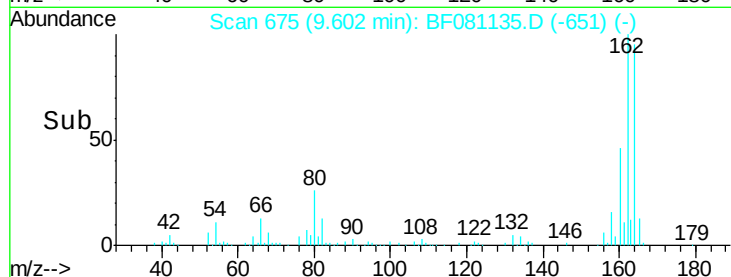
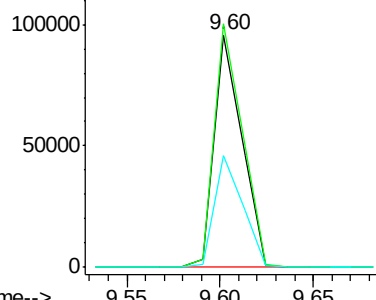
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF081135.D
 Acq: 20 Aug 2015 20:42

Instrument :
 BNA_F
 ClientSampleId :
 SB06-4.0-4.5-081215

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.8	125.8
160	47.9	39.8	59.8

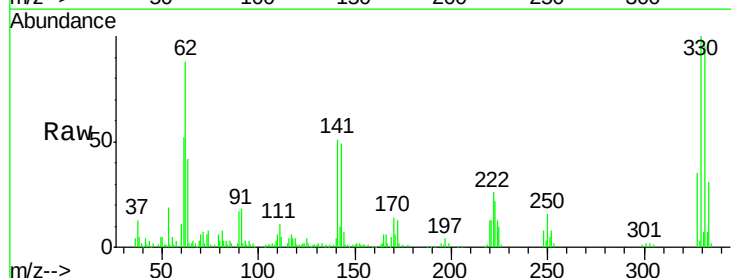


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

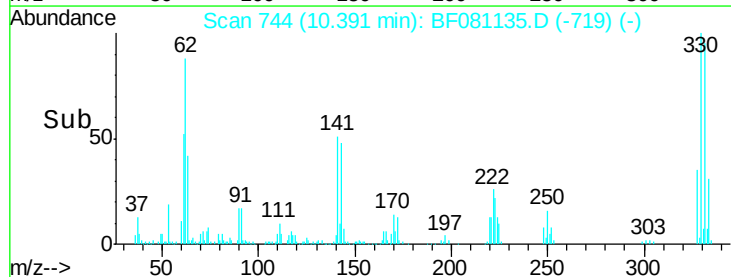
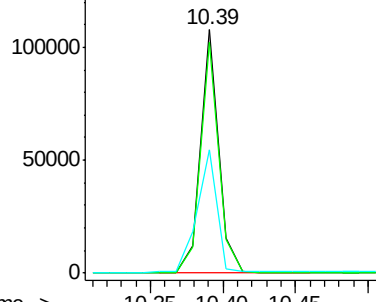


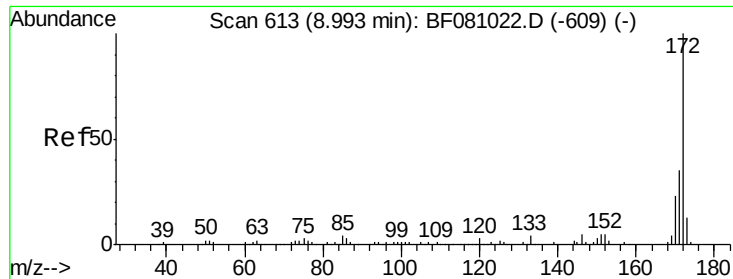
#41
 2,4,6-Tribromophenol
 Concen: 108.34 ng
 RT: 10.39 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF081135.D
 Acq: 20 Aug 2015 20:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.3	115.9
141	57.1	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

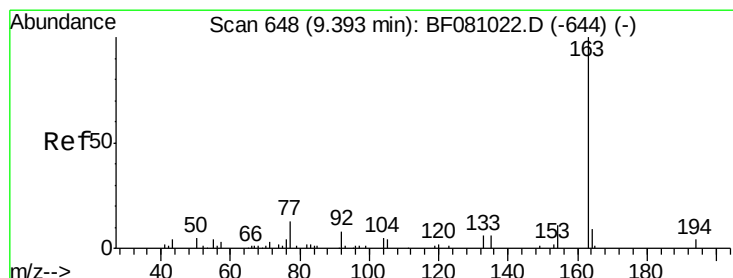
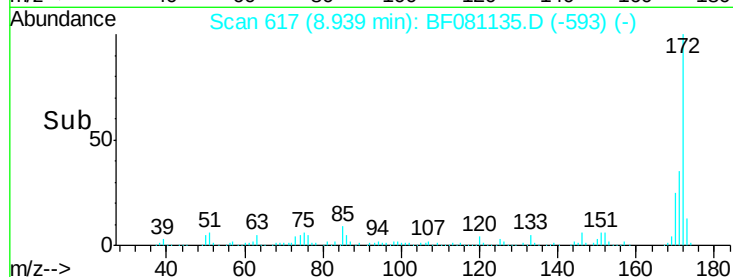
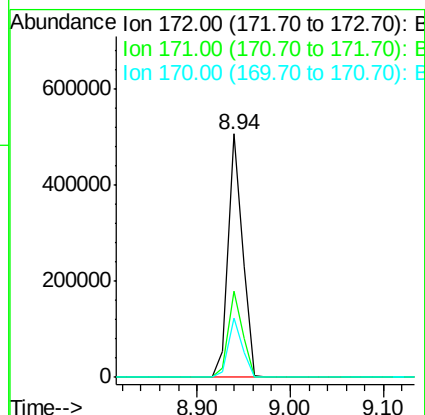
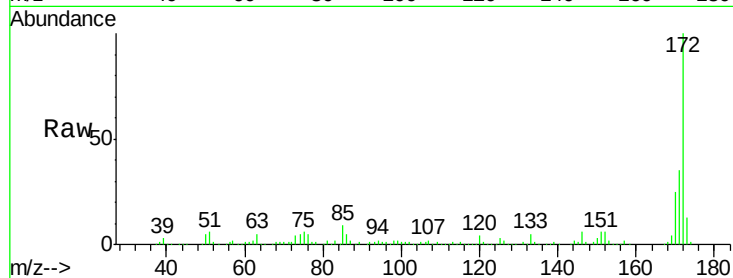




#44
2-Fluorobiphenyl
Concen: 71.82 ng
RT: 8.94 min Scan# 617
Delta R.T. -0.02 min
Lab File: BF081135.D
Acq: 20 Aug 2015 20:42

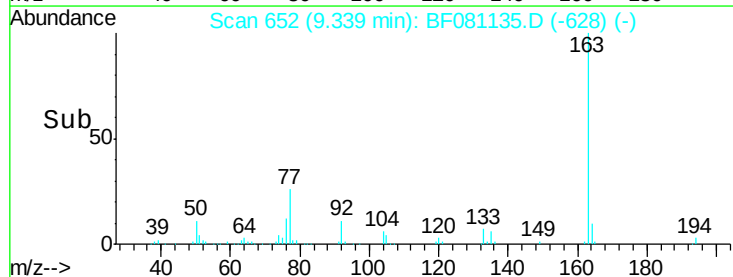
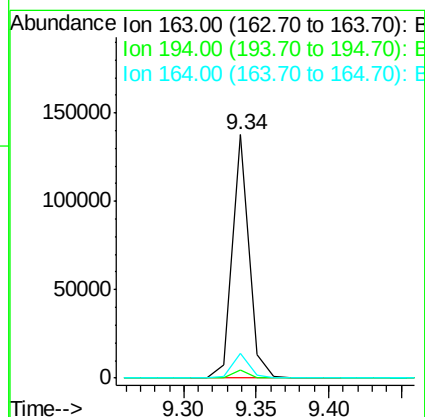
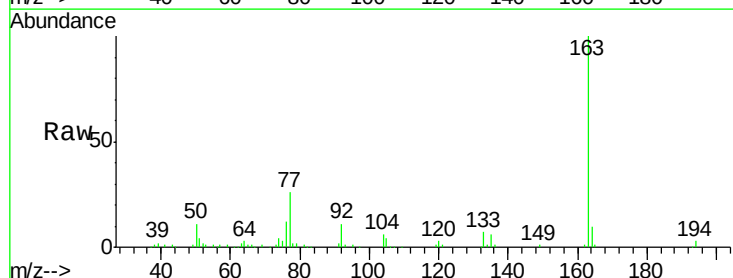
Instrument :
BNA_F
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SB06-4.0-4.5-081215

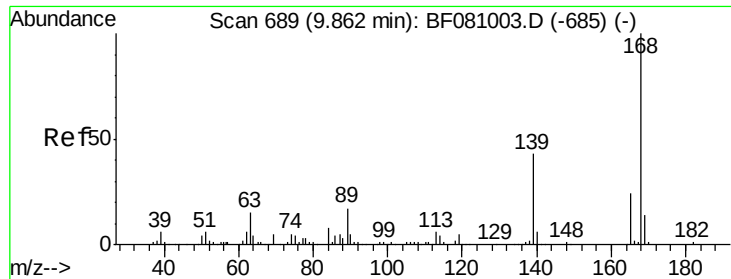
Tot Ion:172 Resp: 547942
Ion Ratio Lower Upper
172 100
171 35.5 28.9 43.3
170 24.6 19.4 29.2



#49
Dimethylphthalate
Concen: 13.36 ng
RT: 9.34 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF081135.D
Acq: 20 Aug 2015 20:42

Tgt Ion:163 Resp: 109956
Ion Ratio Lower Upper
163 100
194 3.1 2.5 3.7
164 10.3 8.1 12.1

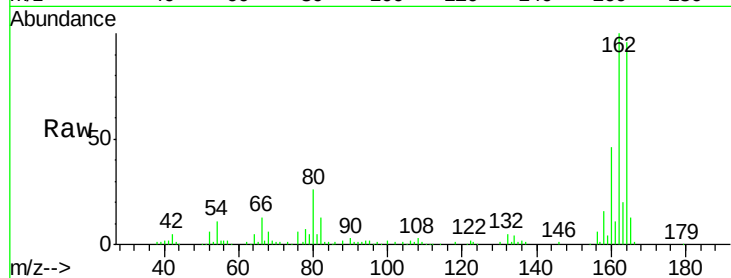




#56
 2,4-Dinitrotoluene
 Concen: 5.56 ng
 RT: 9.60 min Scan# 675
 Delta R.T. -0.22 min
 Lab File: BF081135.D
 Acq: 20 Aug 2015 20:42

Instrument :
 BNA_F
 ClientSampleId :
 SB06-4.0-4.5-081215

Tot Ion:	165	Resp:	13035
Ion	Ratio	Lower	Upper
165	100		
63	2.6	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#

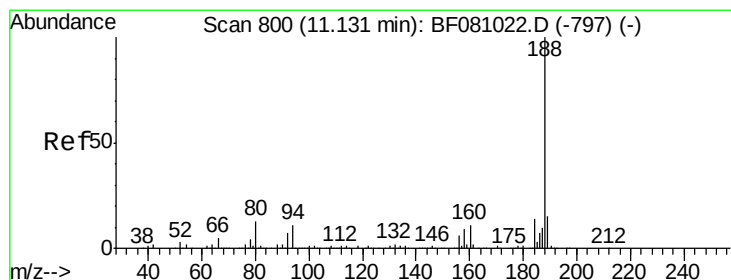
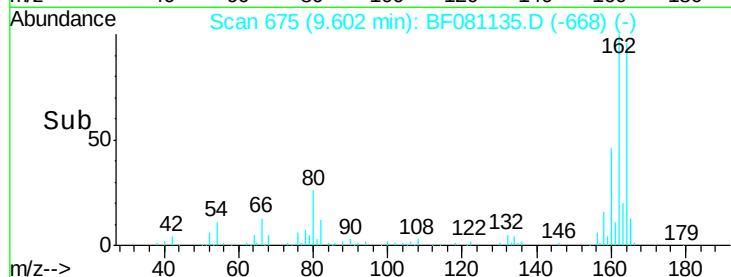
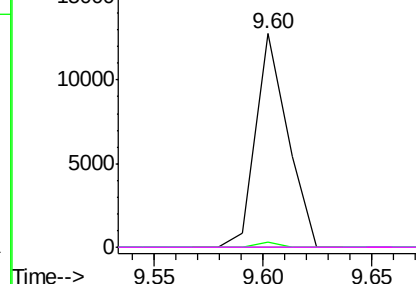


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

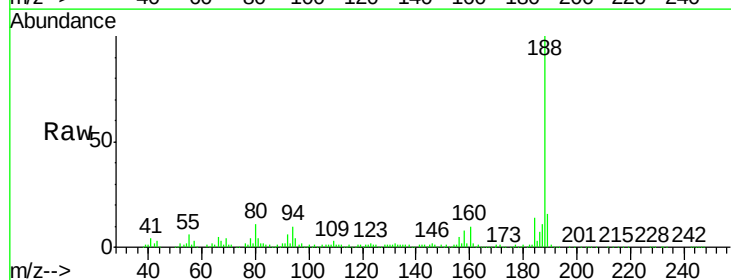
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF081135.D
 Acq: 20 Aug 2015 20:42

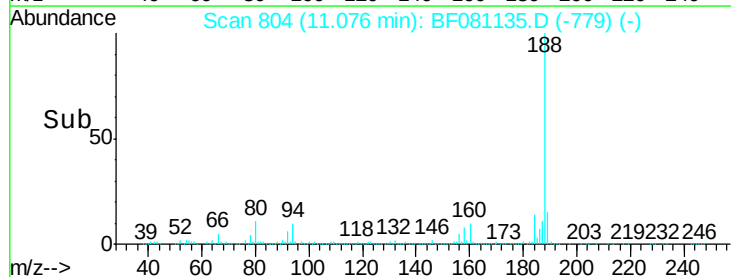
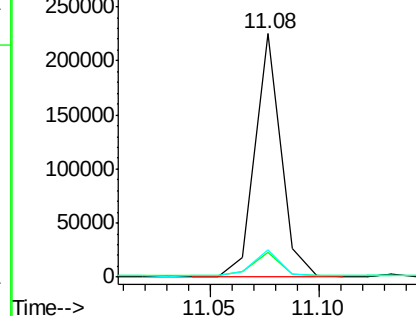
Tgt Ion:	188	Resp:	186046
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	11.1	9.5	14.3

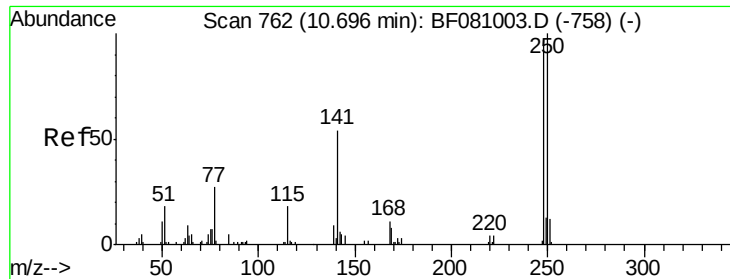


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.15 ng

RT: 10.39 min Scan# 744

Delta R.T. -0.26 min

Lab File: BF081135.D

Acq: 20 Aug 2015 20:42

Instrument :

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ClientSampleId :

SB06-4.0-4.5-081215

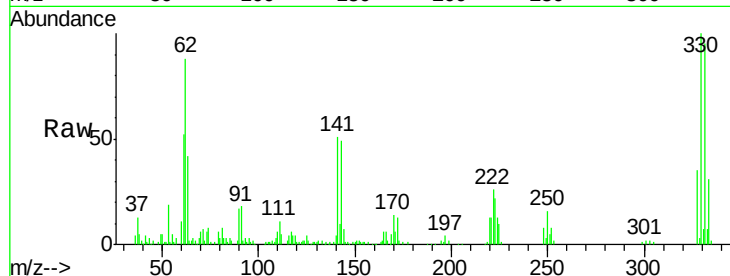
Tot Ion:248 Resp: 7587

Ion Ratio Lower Upper

248 100

250 198.4 77.8 116.6#

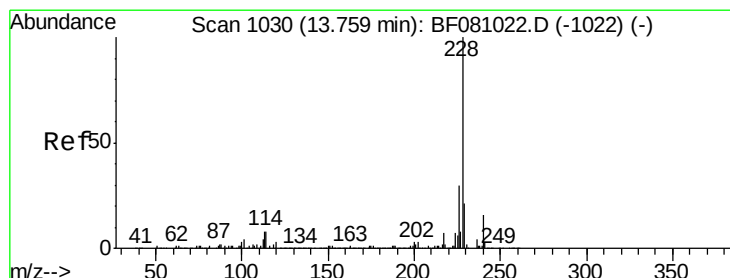
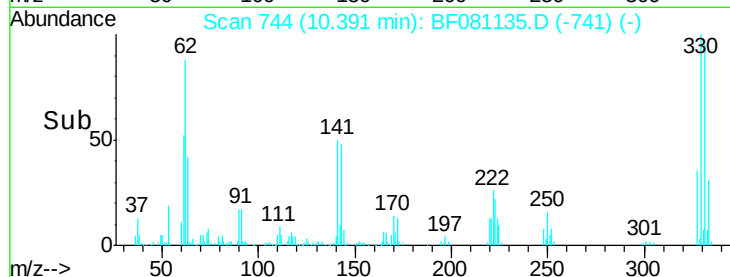
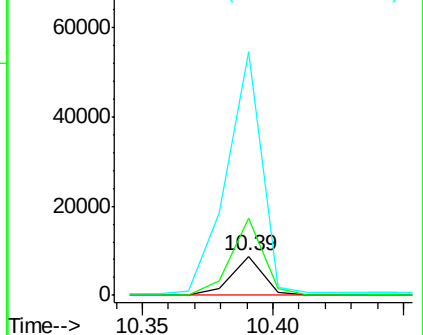
141 620.6 39.8 59.6#



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: 13.72 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BF081135.D

Acq: 20 Aug 2015 20:42

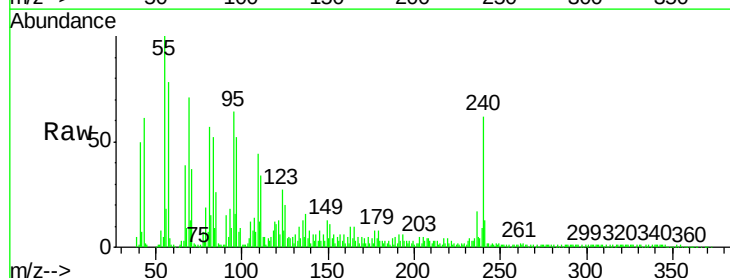
Tgt Ion:240 Resp: 97082

Ion Ratio Lower Upper

240 100

120 17.7 5.6 8.4#

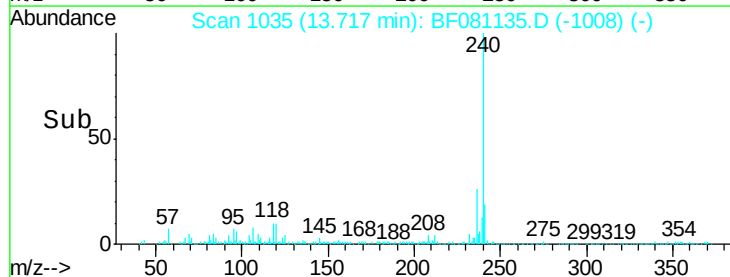
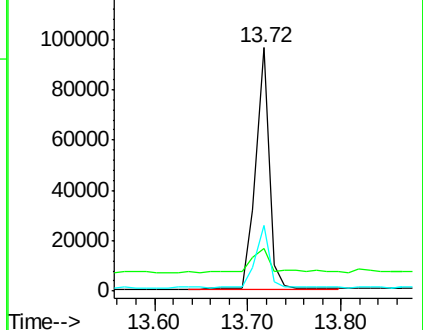
236 26.8 20.6 30.8

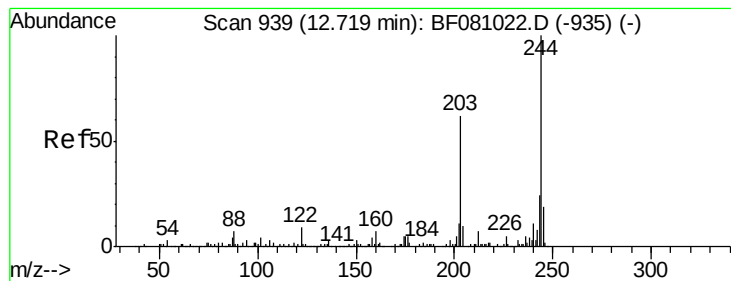


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.80 ng

RT: 12.68 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF081135.D

Acq: 20 Aug 2015 20:42

Instrument :

BNA_F

ClientSampleId :

SB06-4.0-4.5-081215

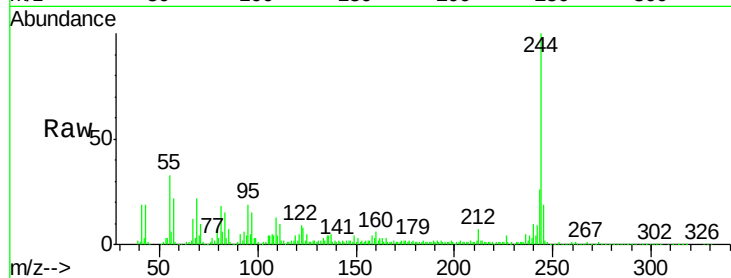
Tot Ion:244 Resp: 374948

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

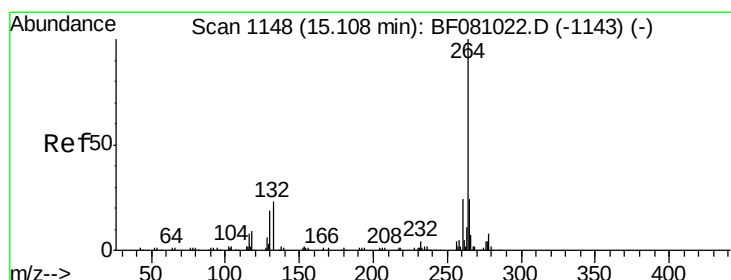
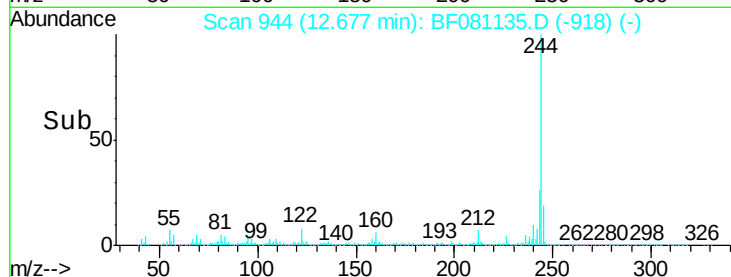
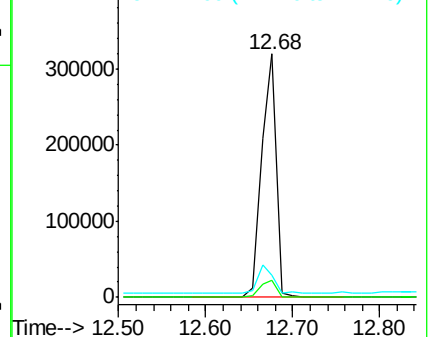
122 9.0 8.2 12.4



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: 15.08 min Scan# 1154

Delta R.T. 0.03 min

Lab File: BF081135.D

Acq: 20 Aug 2015 20:42

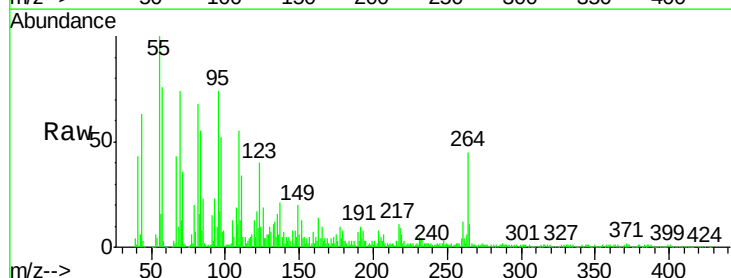
Tgt Ion:264 Resp: 88084

Ion Ratio Lower Upper

264 100

260 26.1 19.6 29.4

265 23.3 17.5 26.3



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

