

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081164.D
 Acq On : 24 Aug 2015 12:17
 Operator : UM/IZ
 Sample : PB85134BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85134BL

Quant Time: Aug 24 14:25:49 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 13:58:19 2015
 Response via : Initial Calibration

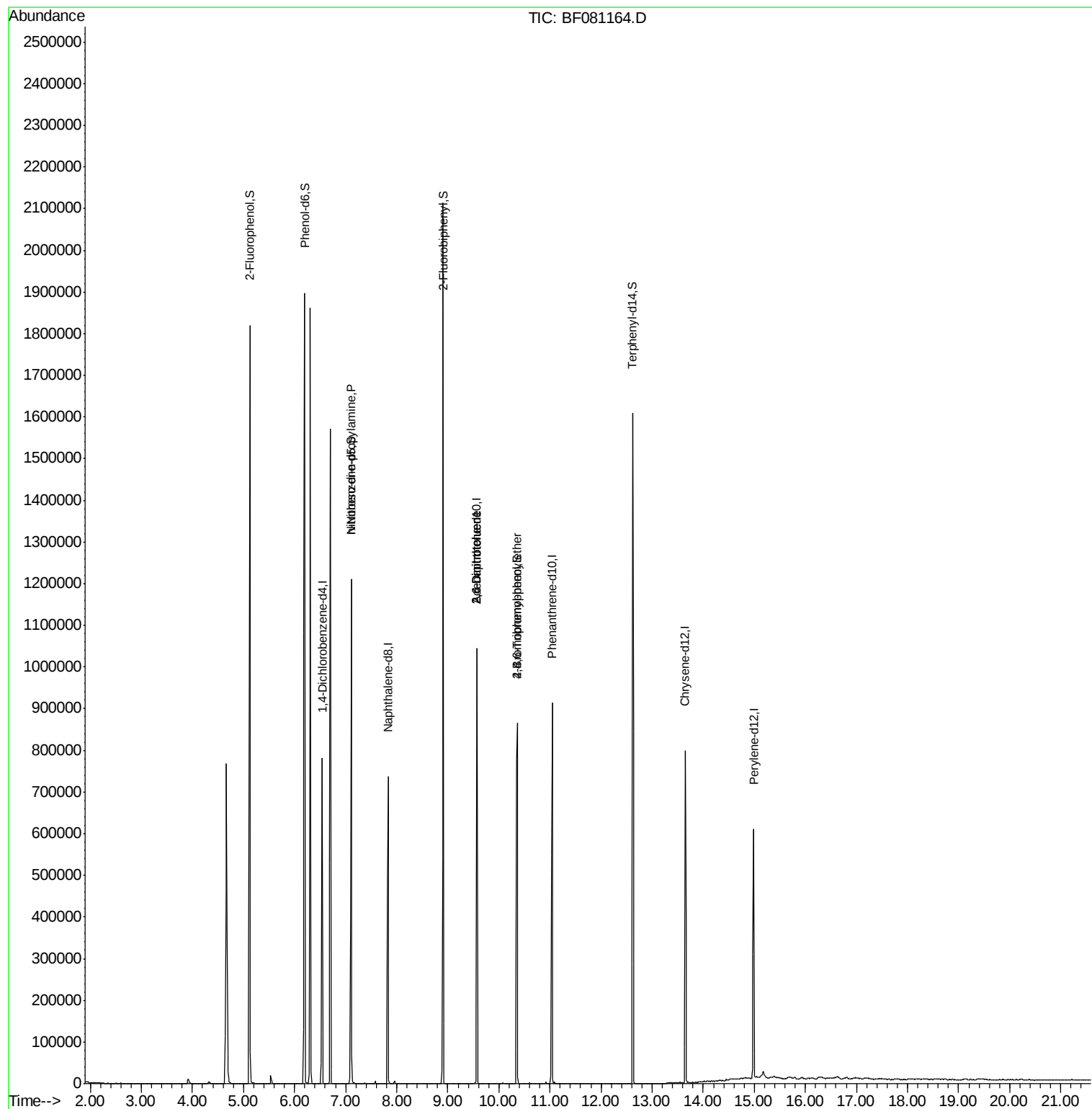
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	99469	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	418172	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	193027	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	414201	20.00	ng	0.00
75) Chrysene-d12	13.65	240	315232	20.00	ng	-0.01
86) Perylene-d12	14.99	264	242896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	485608	73.43	ng	0.02
7) Phenol-d6	6.20	99	721704	83.64	ng	0.00
23) Nitrobenzene-d5	7.11	82	387253	42.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	125209	74.83	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	622546	42.26	ng	0.00
78) Terphenyl-d14	12.62	244	612669	41.67	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.11	70	52968	8.86	ng	# 70
50) 2,6-Dinitrotoluene	9.57	165	24449	7.16	ng	# 22
56) 2,4-Dinitrotoluene	9.57	165	24449	5.40	ng	# 18
66) 4-Bromophenyl-phenylether	10.36	248	9872	2.43	ng	# 1

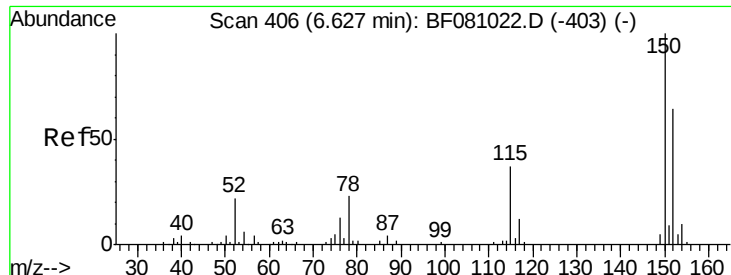
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF081164.D

Acq: 24 Aug 2015 12:17

Instrument :

BNA_F

ClientSampleId :

PB85134BL

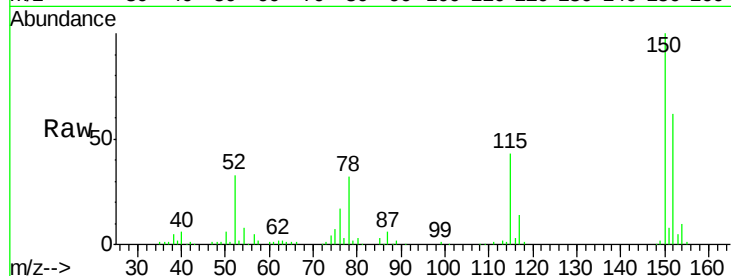
Tgt Ion:152 Resp: 99469

Ion Ratio Lower Upper

152 100

150 161.9 123.8 185.6

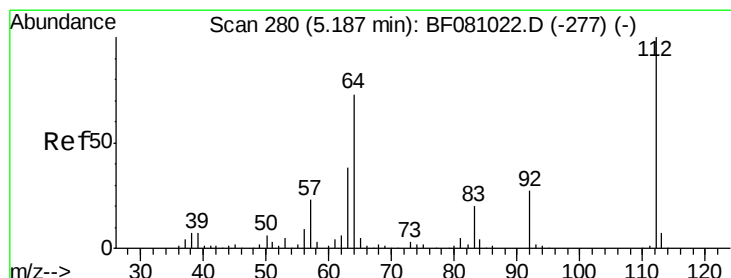
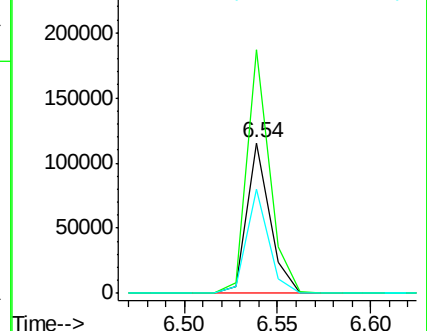
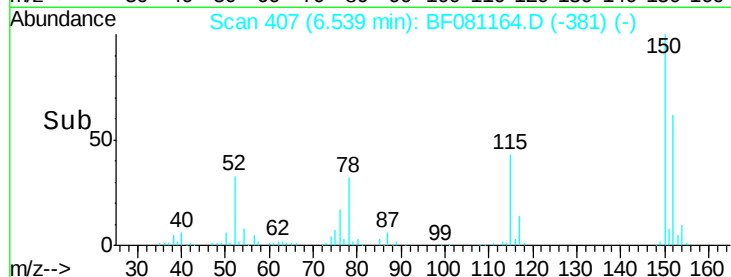
115 69.3 52.1 78.1



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: 73.43 ng

RT: 5.12 min Scan# 283

Delta R.T. 0.02 min

Lab File: BF081164.D

Acq: 24 Aug 2015 12:17

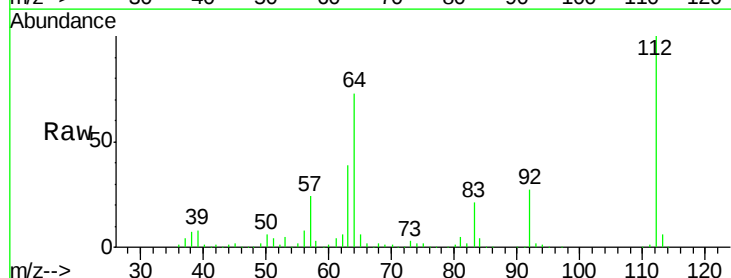
Tgt Ion:112 Resp: 485608

Ion Ratio Lower Upper

112 100

64 73.4 66.9 100.3

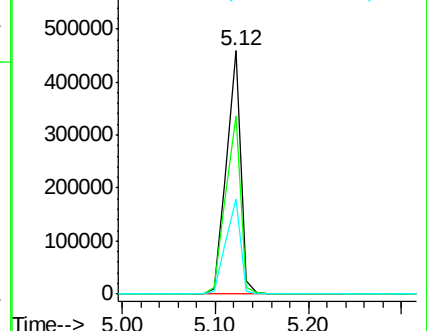
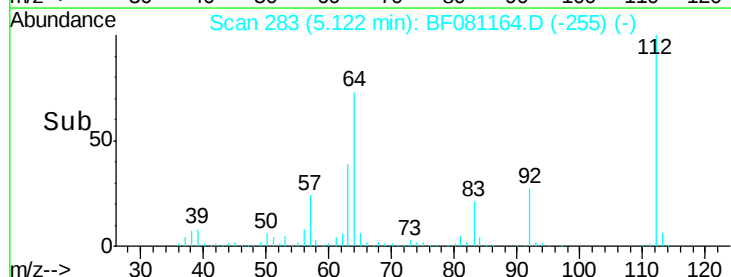
63 39.0 38.1 57.1

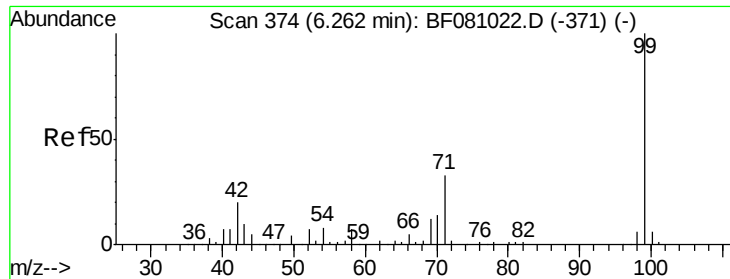


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 83.64 ng

RT: 6.20 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF081164.D

Acq: 24 Aug 2015 12:17

Instrument :

BNA_F

ClientSampleId :

PB85134BL

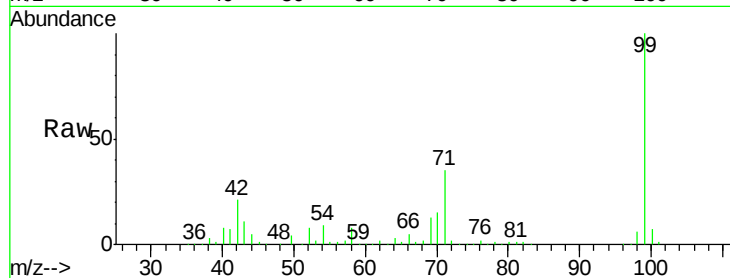
Tgt Ion: 99 Resp: 721704

Ion Ratio Lower Upper

99 100

42 21.1 19.6 29.4

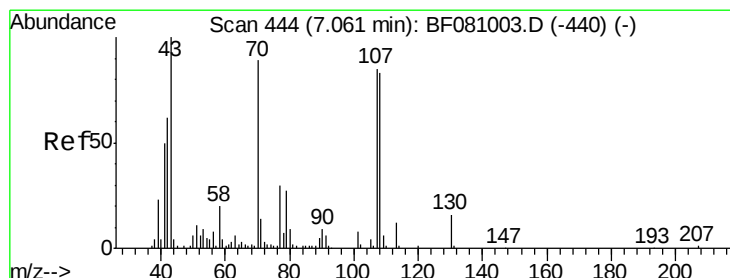
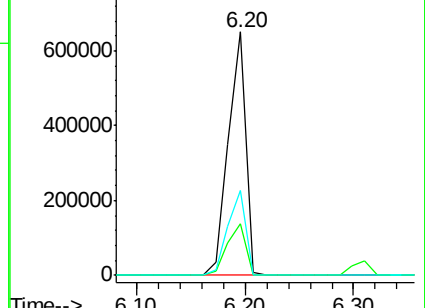
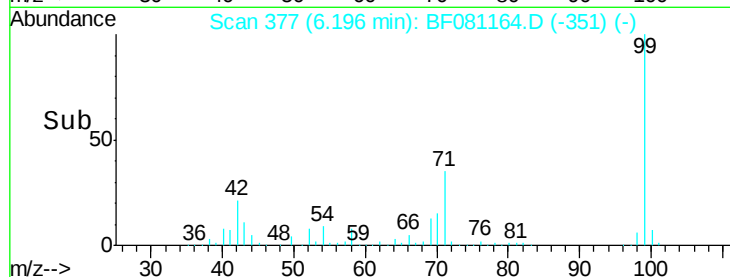
71 35.1 31.2 46.8



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: 8.86 ng

RT: 7.11 min Scan# 457

Delta R.T. 0.13 min

Lab File: BF081164.D

Acq: 24 Aug 2015 12:17

Tgt Ion: 70 Resp: 52968

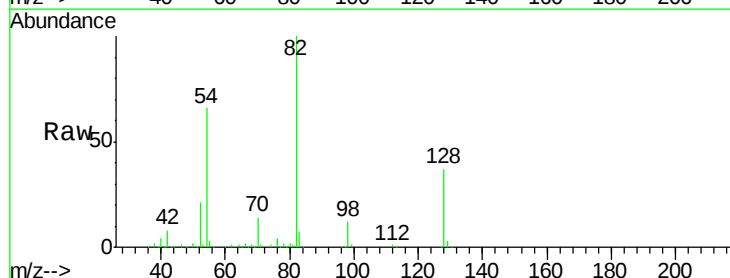
Ion Ratio Lower Upper

70 100

42 54.3 65.0 97.4#

101 0.0 7.4 11.2#

130 1.7 13.0 19.4#

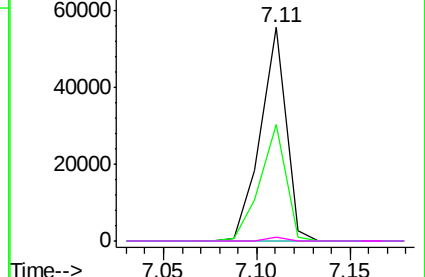
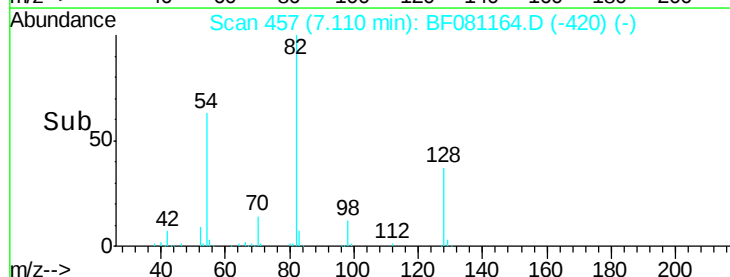


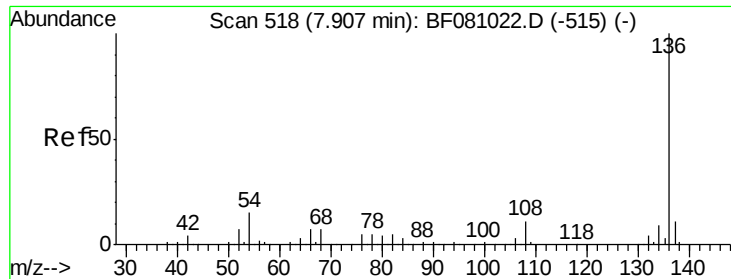
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

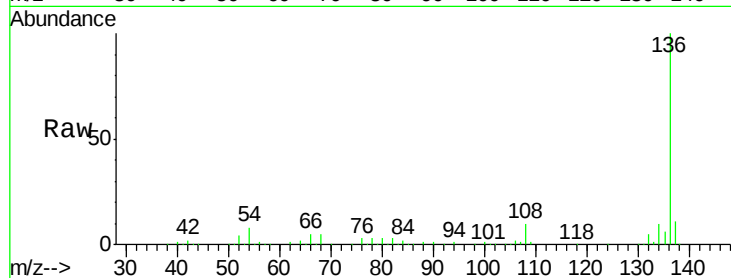




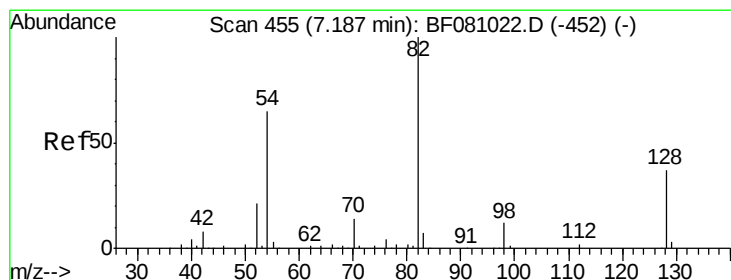
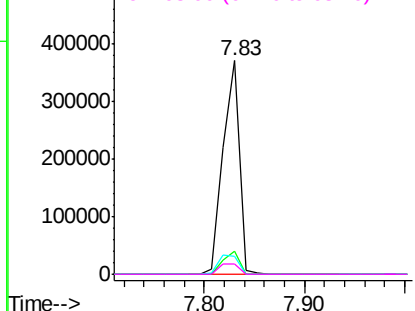
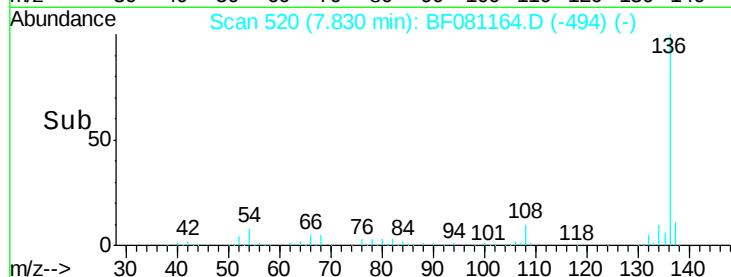
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF081164.D
Acq: 24 Aug 2015 12:17

Instrument :
BNA_F
ClientSampled :
PB85134BL

Tgt Ion:	136	Resp:	418172
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	8.4	7.7	11.5
68	4.7	3.4	5.2

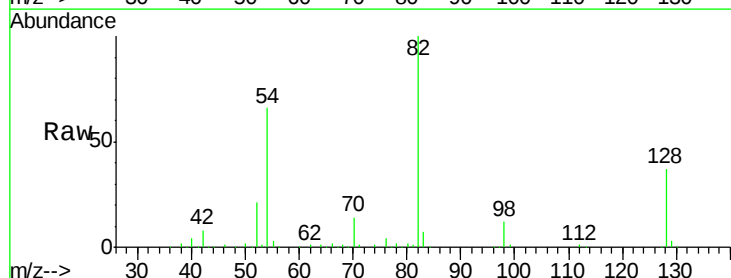


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

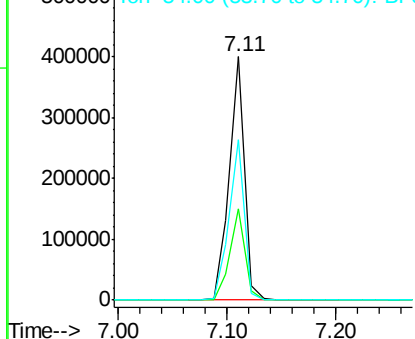
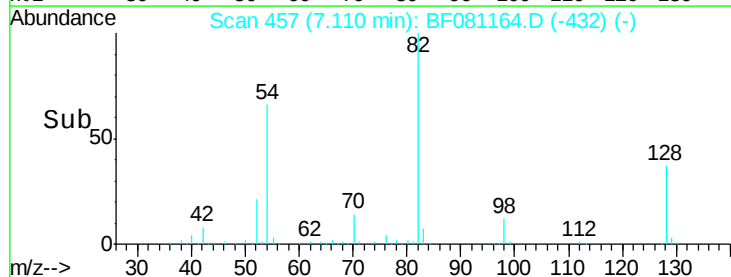


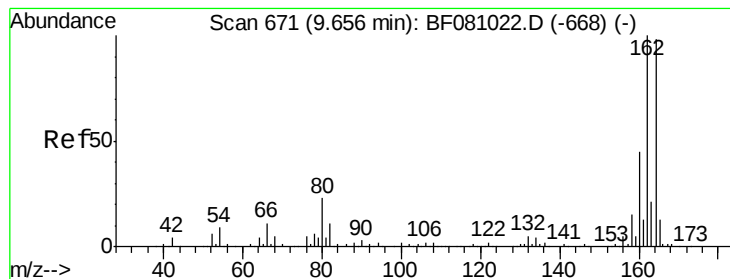
#23
Nitrobenzene-d5
Concen: 42.30 ng
RT: 7.11 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081164.D
Acq: 24 Aug 2015 12:17

Tgt Ion:	82	Resp:	387253
Ion	Ratio	Lower	Upper
82	100		
128	37.3	28.6	42.8
54	65.8	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: 9.57 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF081164.D

Acq: 24 Aug 2015 12:17

Instrument :

BNA_F

ClientSampleId :

PB85134BL

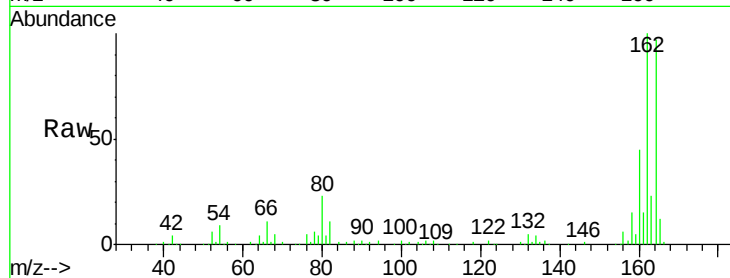
Tgt Ion:164 Resp: 193027

Ion Ratio Lower Upper

164 100

162 103.0 83.8 125.8

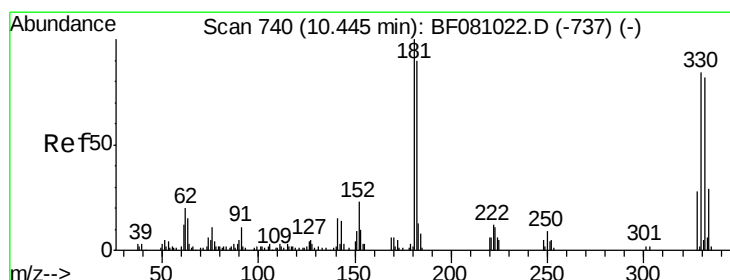
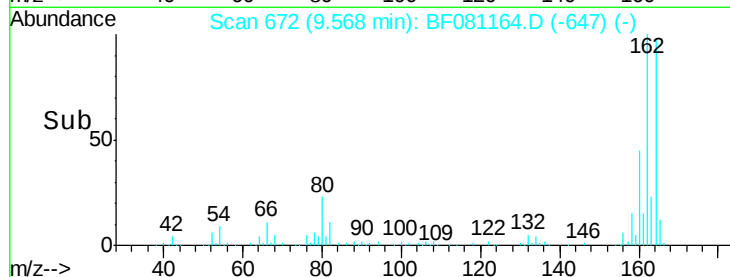
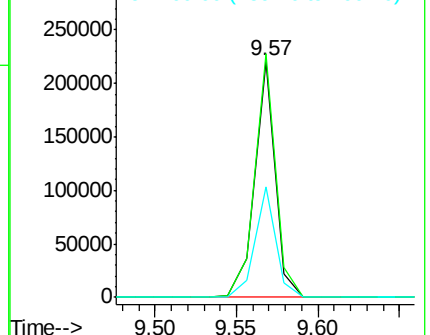
160 46.8 39.8 59.8



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: 74.83 ng

RT: 10.36 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF081164.D

Acq: 24 Aug 2015 12:17

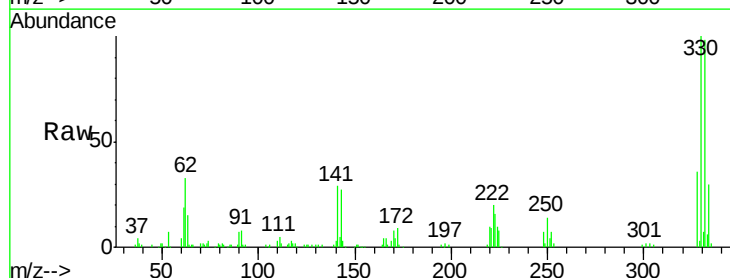
Tgt Ion:330 Resp: 125209

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

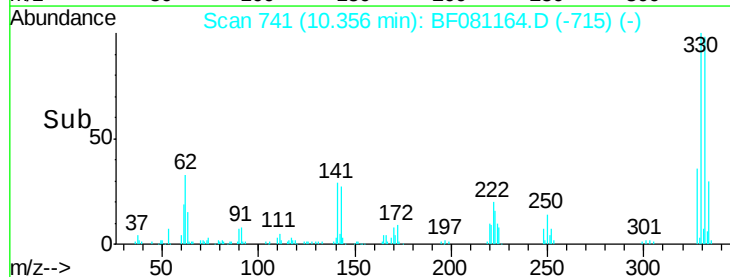
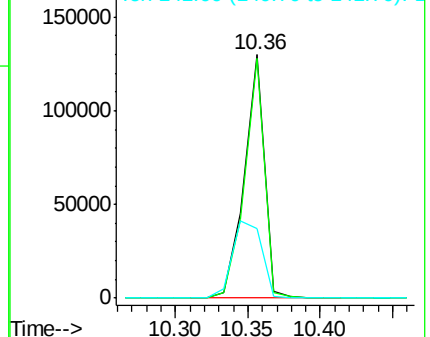
141 45.9 44.9 67.3

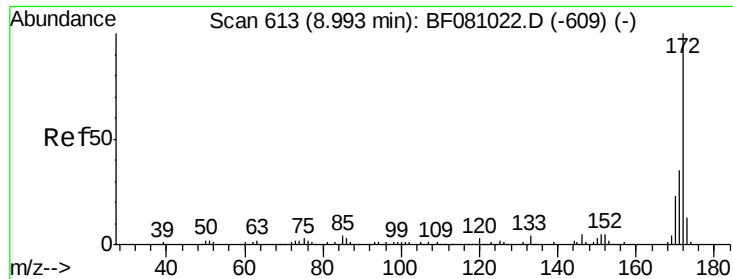


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

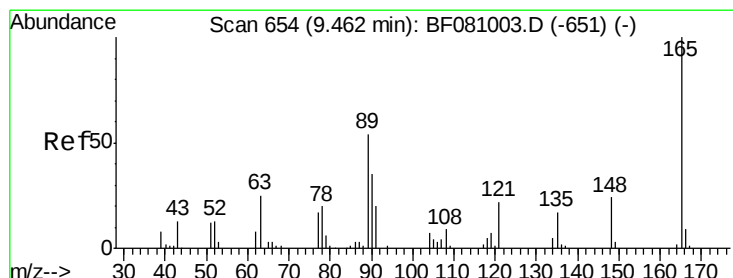
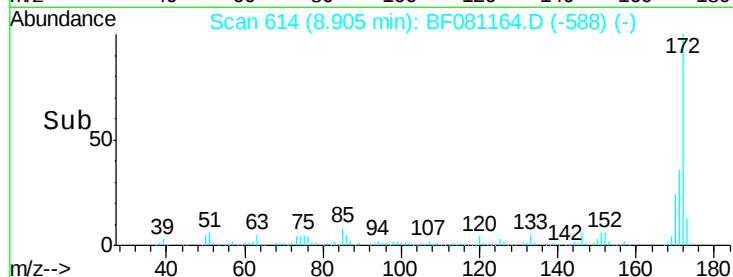
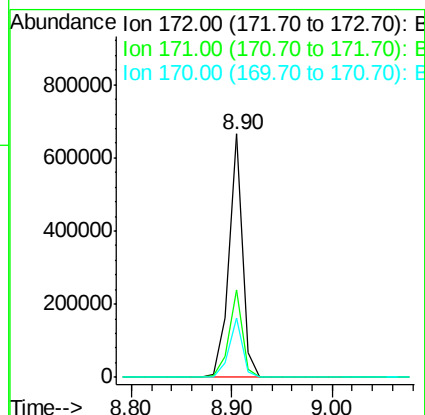
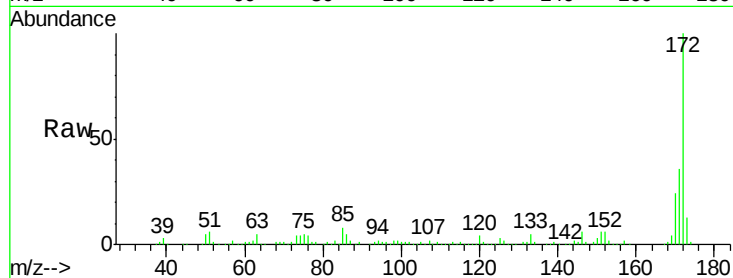




#44
 2-Fluorobiphenyl
 Concen: 42.26 ng
 RT: 8.90 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF081164.D
 Acq: 24 Aug 2015 12:17

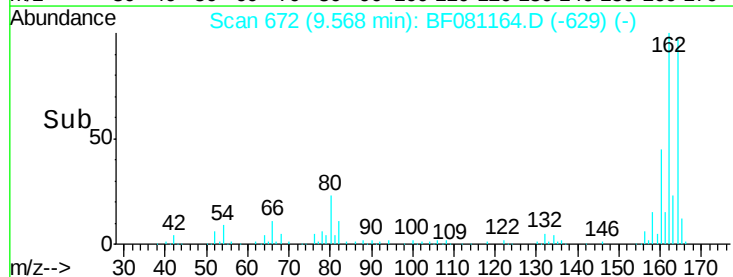
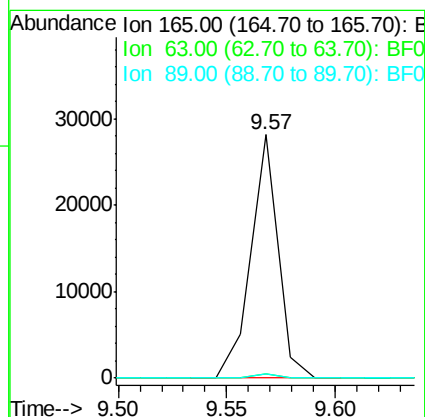
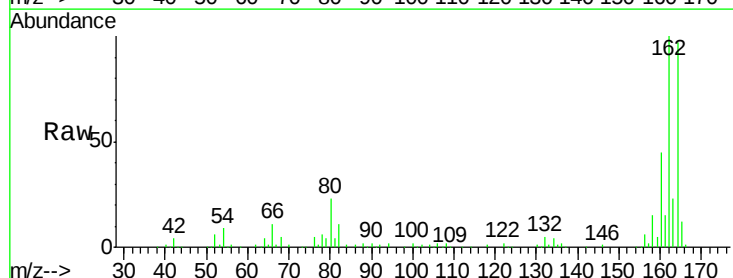
Instrument :
 BNA_F
 ClientSampled :
 PB85134BL

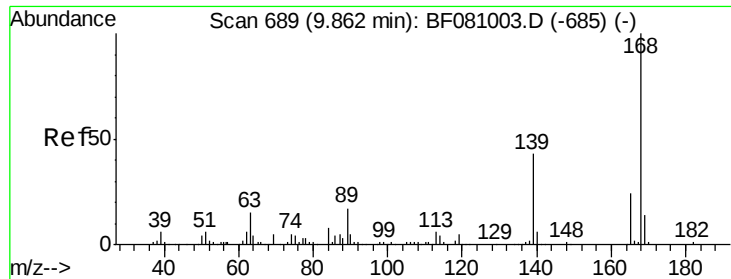
Tgt Ion:172 Resp: 622546
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 24.4 19.4 29.2



#50
 2,6-Dinitrotoluene
 Concen: 7.16 ng
 RT: 9.57 min Scan# 672
 Delta R.T. 0.19 min
 Lab File: BF081164.D
 Acq: 24 Aug 2015 12:17

Tgt Ion:165 Resp: 24449
 Ion Ratio Lower Upper
 165 100
 63 1.8 49.5 74.3#
 89 1.5 47.6 71.4#

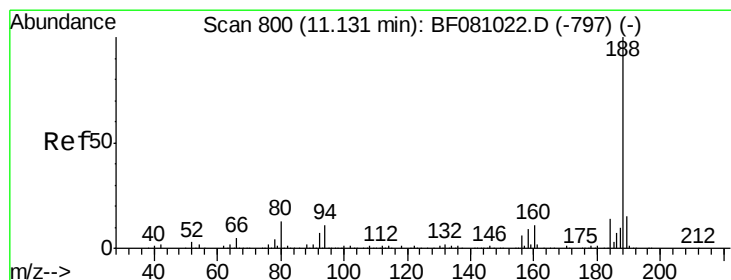
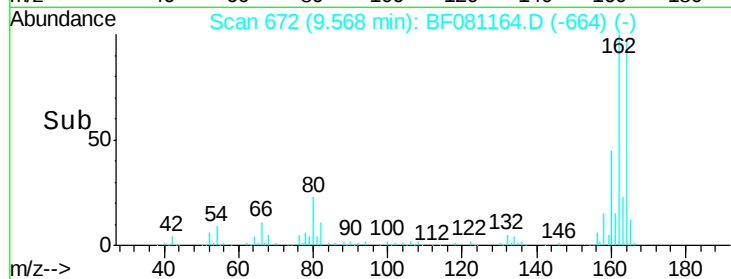
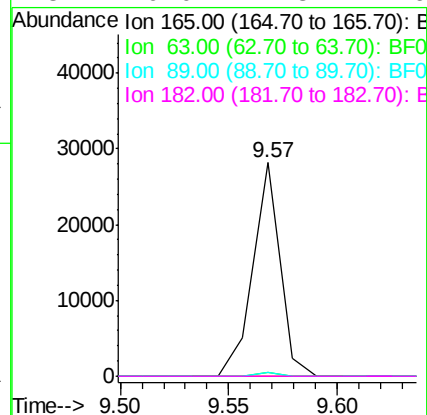
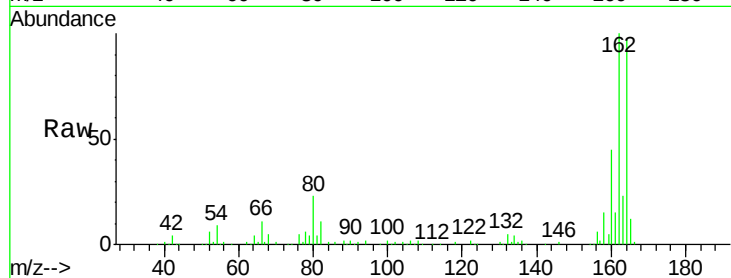




#56
2,4-Dinitrotoluene
Concen: 5.40 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.21 min
Lab File: BF081164.D
Acq: 24 Aug 2015 12:17

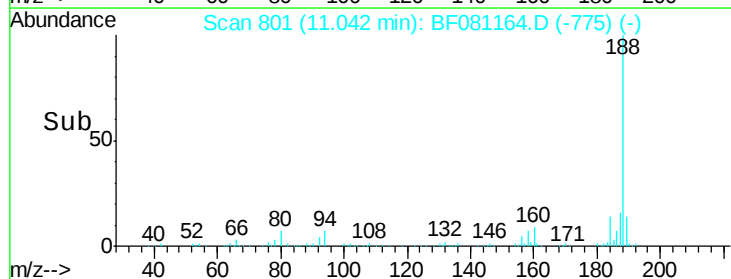
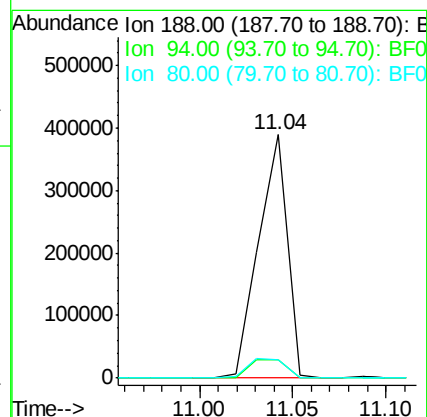
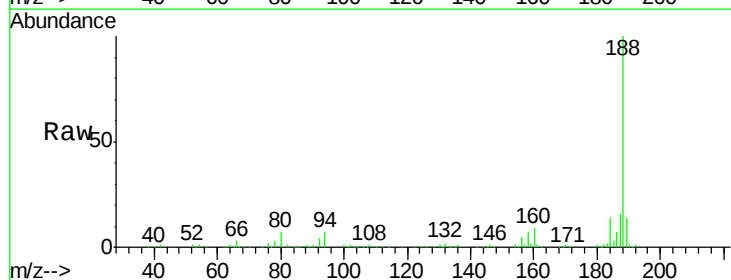
Instrument :
BNA_F
ClientSampleId :
PB85134BL

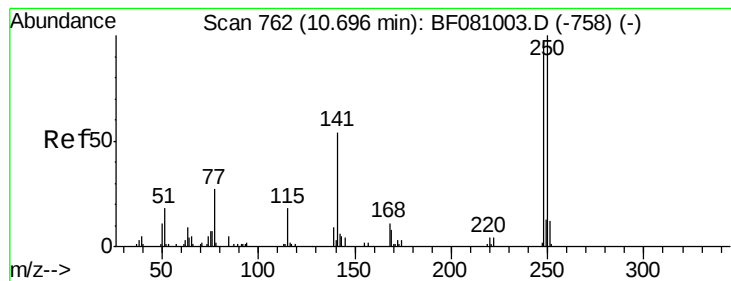
Tgt Ion:165 Resp: 24449
Ion Ratio Lower Upper
165 100
63 1.8 52.2 78.4#
89 1.5 60.1 90.1#
182 0.0 1.8 2.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF081164.D
Acq: 24 Aug 2015 12:17

Tgt Ion:188 Resp: 414201
Ion Ratio Lower Upper
188 100
94 7.3 8.2 12.2#
80 7.4 9.5 14.3#





#66

4-Bromophenyl-phenylether

Concen: 2.43 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.24 min

Lab File: BF081164.D

Acq: 24 Aug 2015 12:17

Instrument :

BNA_F

ClientSampleId :

PB85134BL

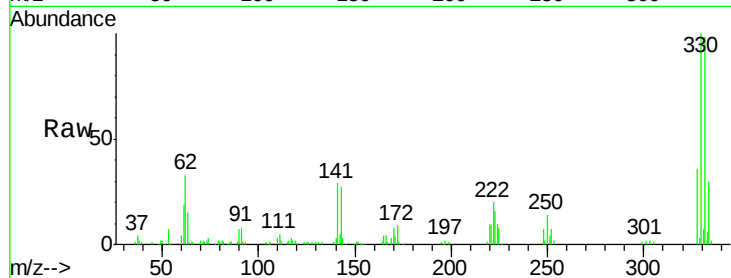
Tgt Ion:248 Resp: 9872

Ion Ratio Lower Upper

248 100

250 202.4 77.8 116.6#

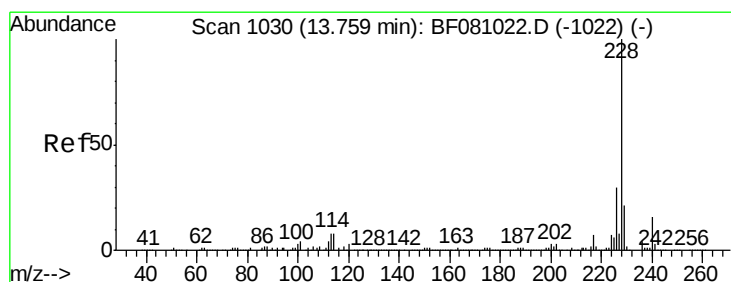
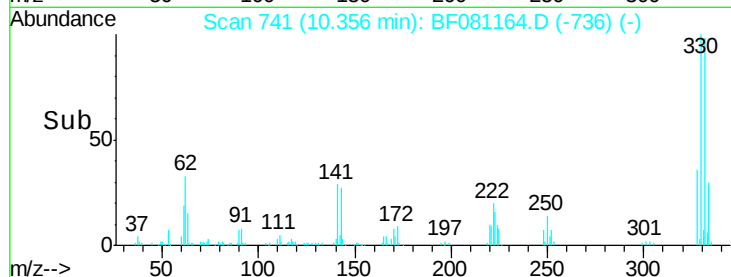
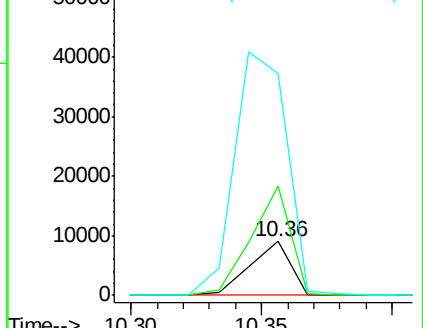
141 410.1 39.8 59.6#



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: BF081164.D

Acq: 24 Aug 2015 12:17

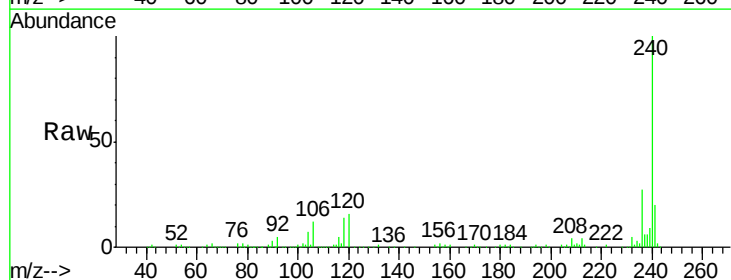
Tgt Ion:240 Resp: 315232

Ion Ratio Lower Upper

240 100

120 15.7 5.6 8.4#

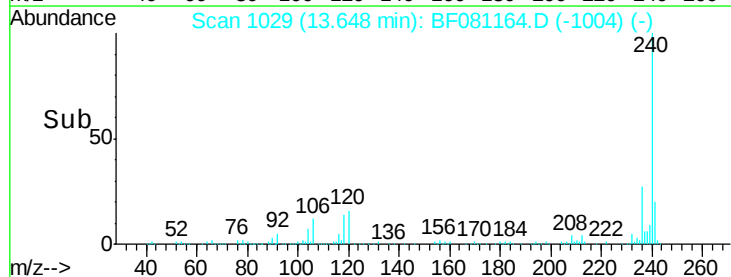
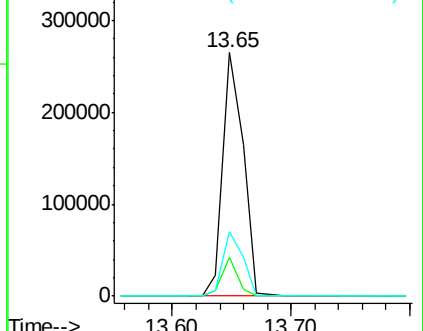
236 26.6 20.6 30.8

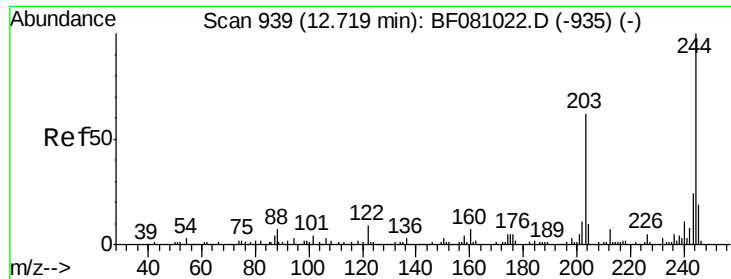


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

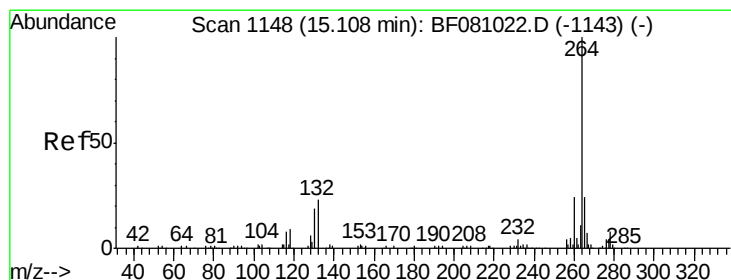
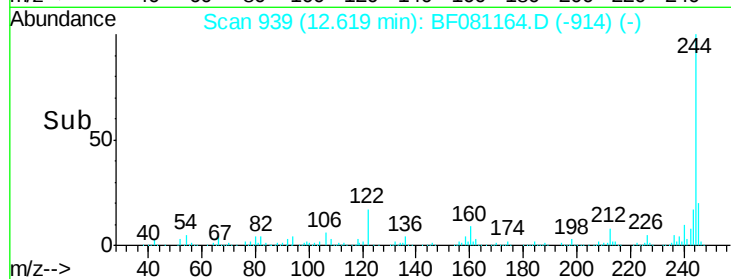
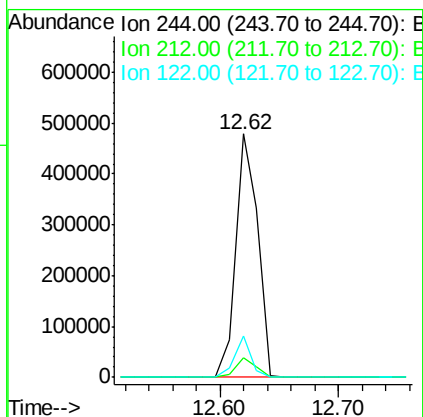
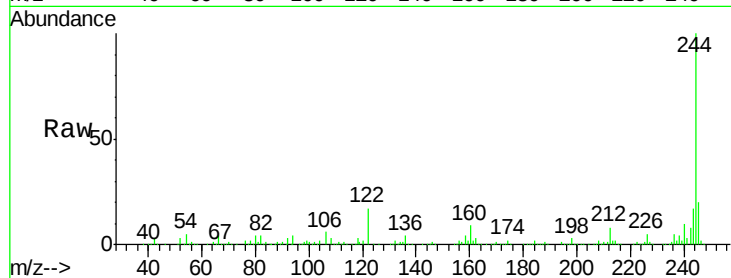




#78
 Terphenyl-d14
 Concen: 41.67 ng
 RT: 12.62 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF081164.D
 Acq: 24 Aug 2015 12:17

Instrument :
 BNA_F
 ClientSampleId :
 PB85134BL

Tgt Ion:244 Resp: 612669
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 16.9 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: BF081164.D
 Acq: 24 Aug 2015 12:17

Tgt Ion:264 Resp: 242896
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 20.9 17.5 26.3

