

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085255.D
 Acq On : 8 Mar 2016 14:59
 Operator : UM/SJ
 Sample : PB88757BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88757BL

Quant Time: Mar 09 00:02:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

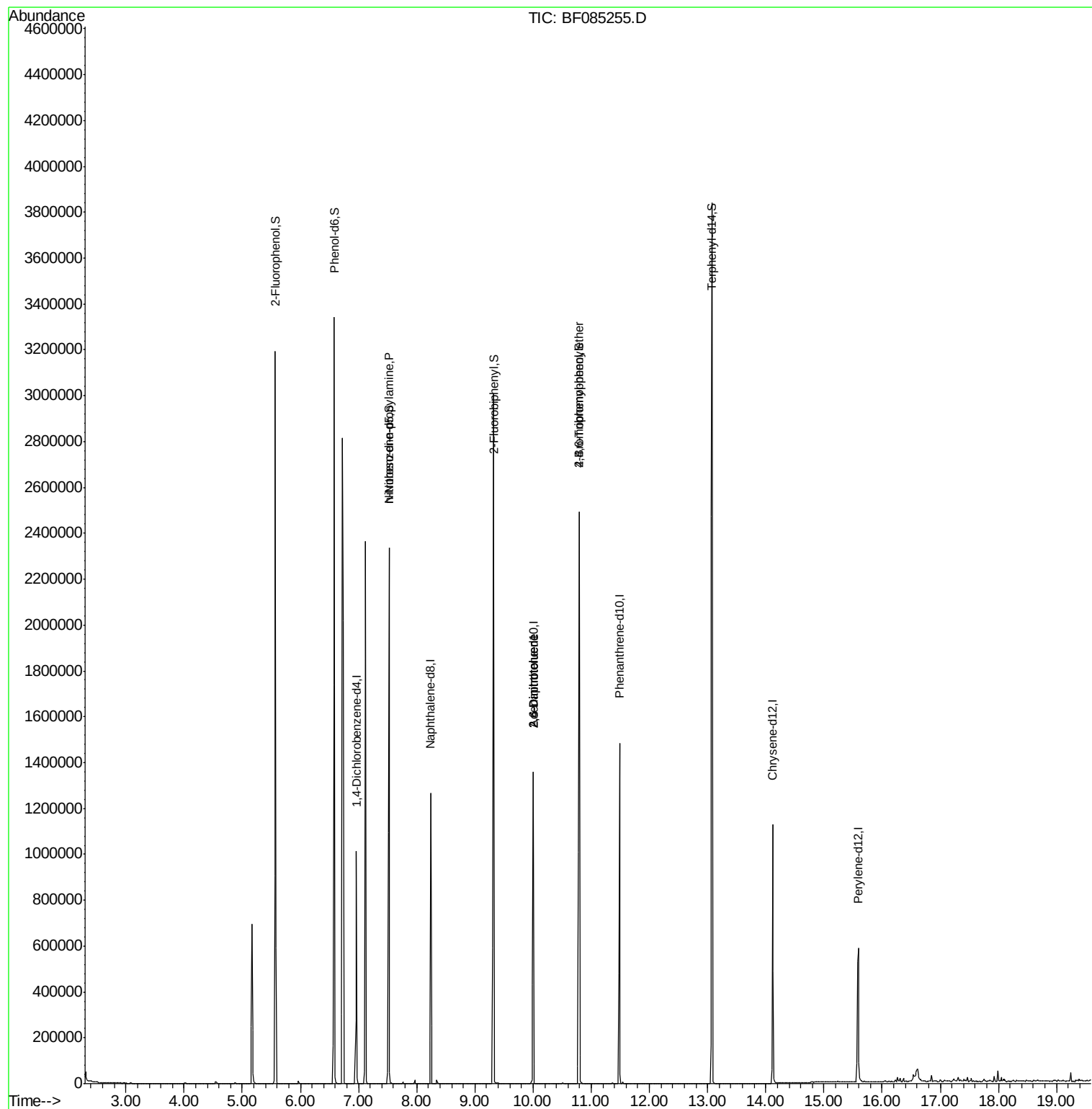
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	151990	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	581595	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	280504	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	556574	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	413631	20.00	ng	-0.03
86) Perylene-d12	15.59	264	322700	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	971625	107.23	ng	-0.01
7) Phenol-d6	6.58	99	1360919	114.64	ng	-0.02
23) Nitrobenzene-d5	7.52	82	861997	79.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	298197	124.24	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1456937	78.99	ng	-0.02
78) Terphenyl-d14	13.08	244	1482873	83.22	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.58	77	1900	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	7.52	70	115270	14.90	ng	# 78
50) 2,6-Dinitrotoluene	10.00	165	35188	7.64	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	35190	5.97	ng	# 22
66) 4-Bromophenyl-phenylether	10.79	248	21637	4.00	ng	# 1

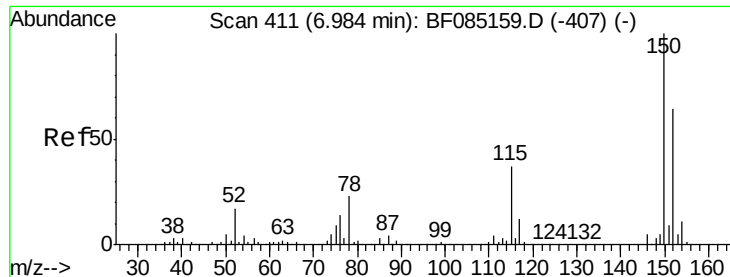
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 04 00:54:58 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085255.D

Acq: 8 Mar 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB88757BL

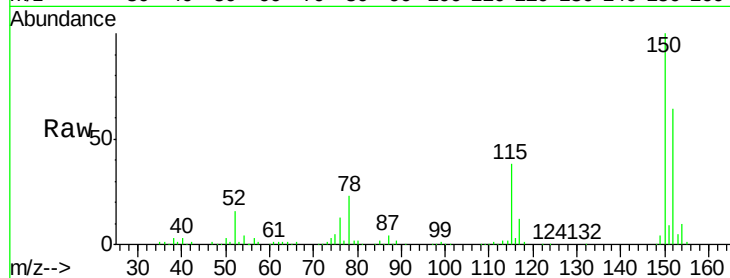
Tgt Ion:152 Resp: 151990

Ion Ratio Lower Upper

152 100

150 156.7 124.6 186.8

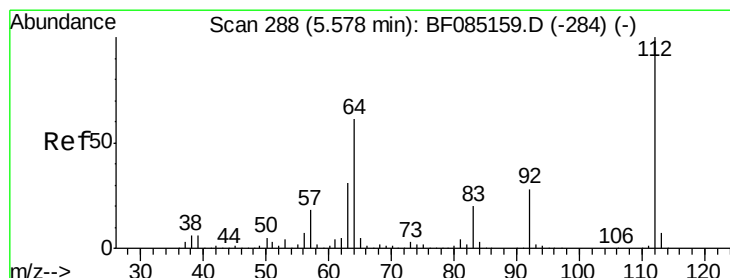
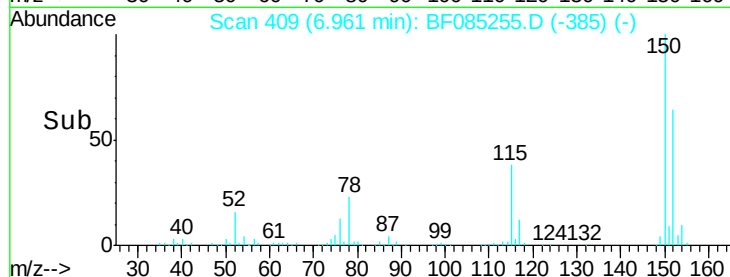
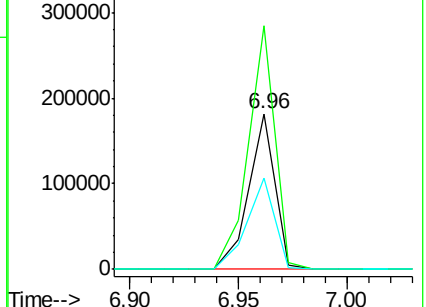
115 59.2 46.6 70.0



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: 107.23 ng

RT: 5.57 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF085255.D

Acq: 8 Mar 2016 14:59

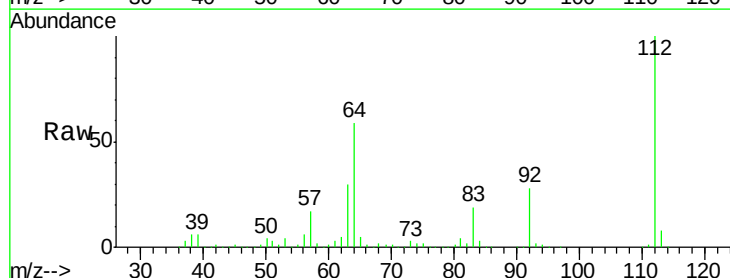
Tgt Ion:112 Resp: 971625

Ion Ratio Lower Upper

112 100

64 59.1 49.0 73.4

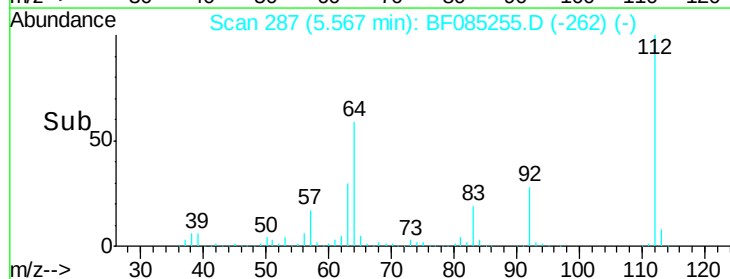
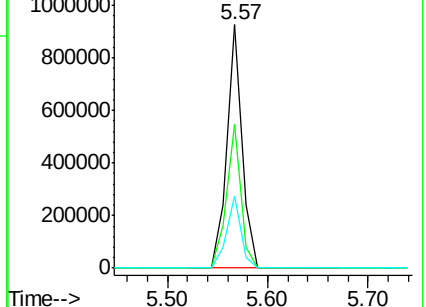
63 29.9 24.8 37.2

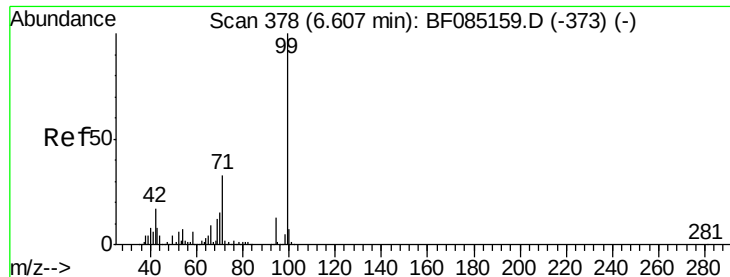


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.64 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085255.D

Acq: 8 Mar 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB88757BL

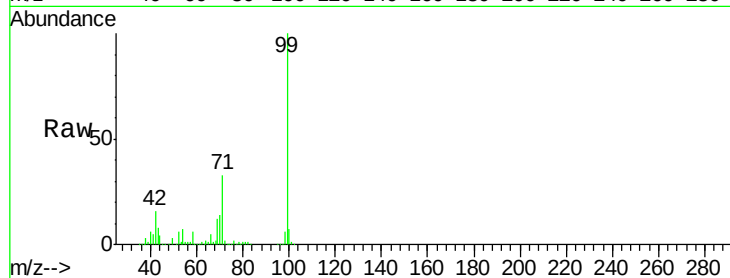
Tgt Ion: 99 Resp: 1360919

Ion Ratio Lower Upper

99 100

42 15.6 13.6 20.4

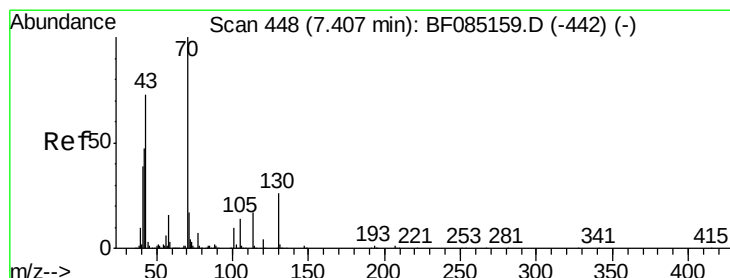
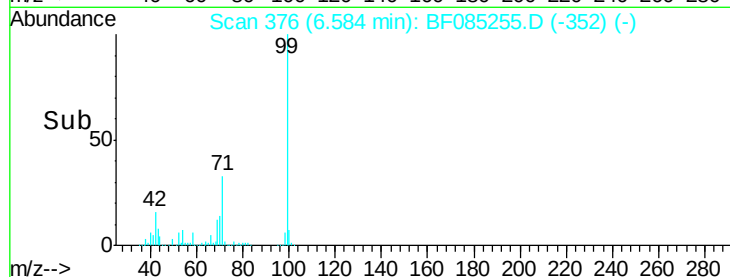
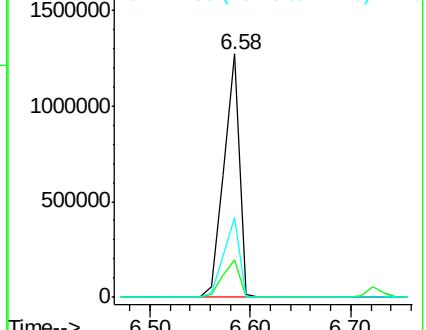
71 32.6 26.7 40.1



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: 14.90 ng

RT: 7.52 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF085255.D

Acq: 8 Mar 2016 14:59

Tgt Ion: 70 Resp: 115270

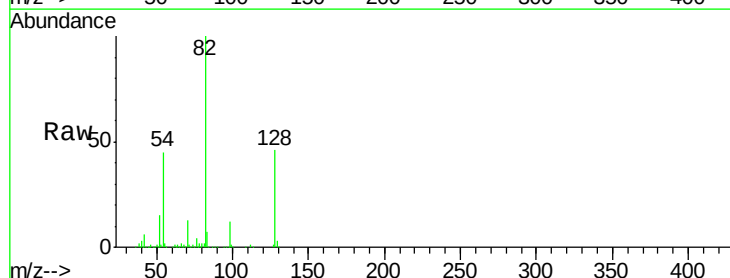
Ion Ratio Lower Upper

70 100

42 41.3 37.7 56.5

101 0.0 8.2 12.4#

130 2.4 20.5 30.7#

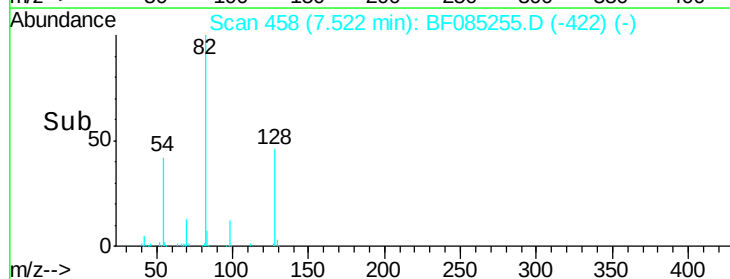
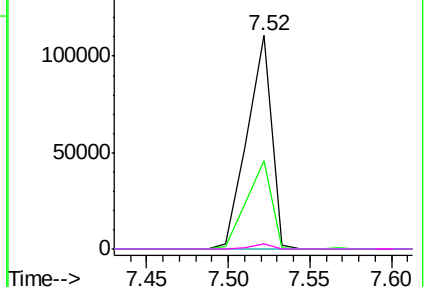


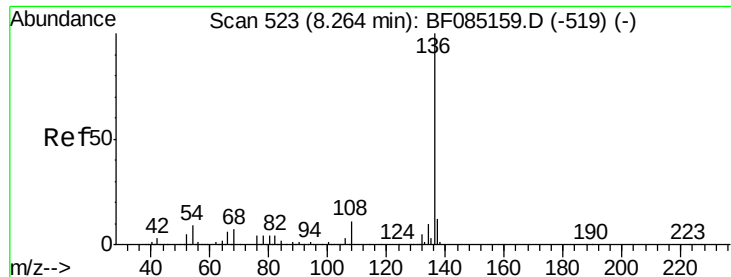
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

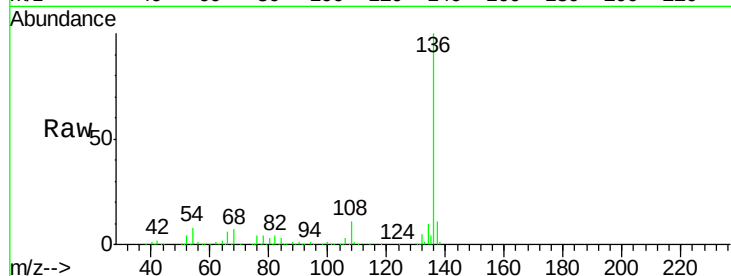




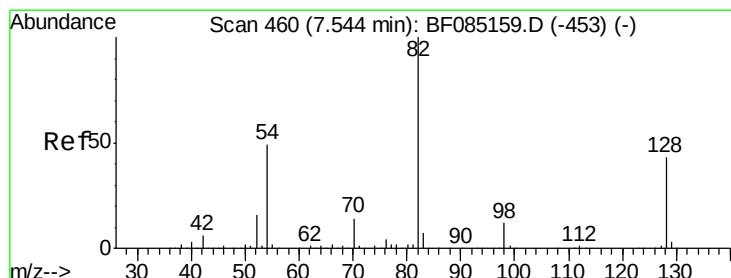
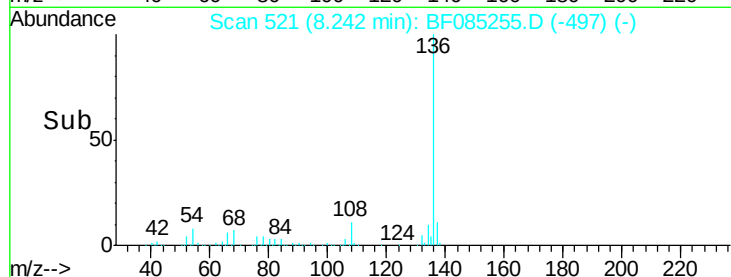
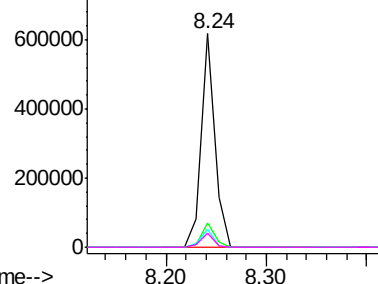
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF085255.D
Acq: 8 Mar 2016 14:59

Instrument :
BNA_F
ClientSampleId :
PB88757BL

Tgt Ion:	136	Resp:	581595
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.2	7.4	11.2
68	6.7	6.0	9.0

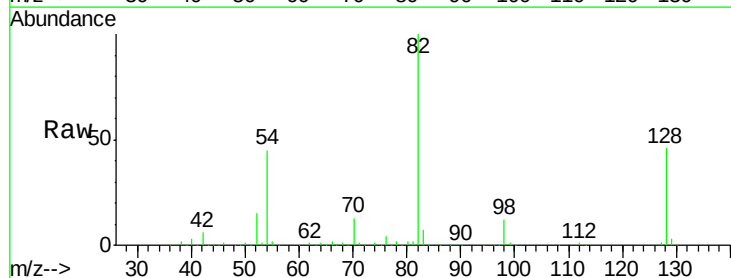


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

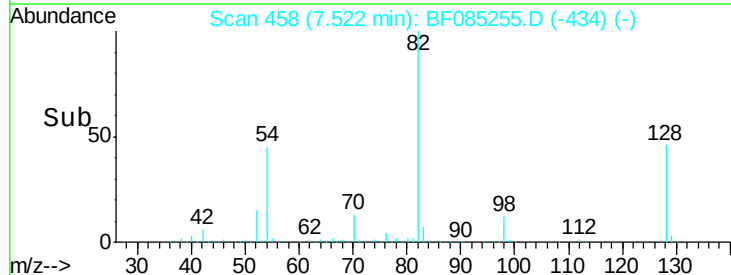
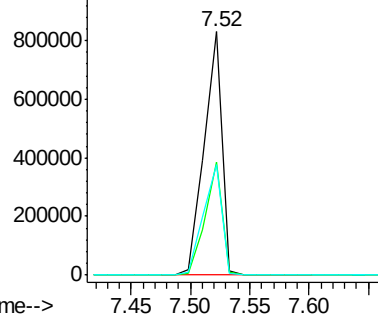


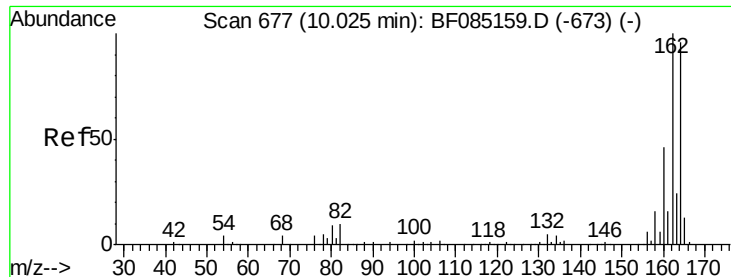
#23
Nitrobenzene-d5
Concen: 79.31 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF085255.D
Acq: 8 Mar 2016 14:59

Tgt Ion:	82	Resp:	861997
Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.5	51.7
54	45.4	39.3	58.9



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: 10.00 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF085255.D

Acq: 8 Mar 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB88757BL

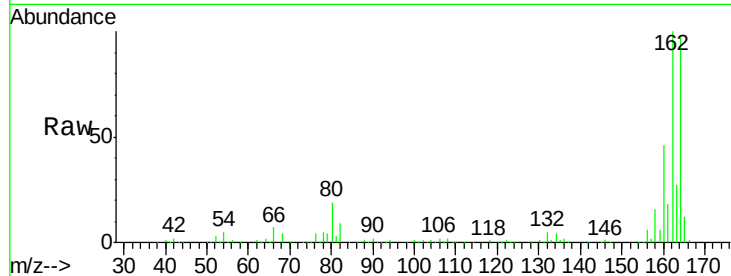
Tgt Ion:164 Resp: 280504

Ion Ratio Lower Upper

164 100

162 102.6 83.3 124.9

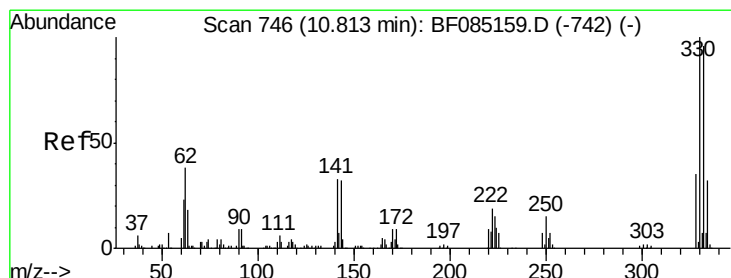
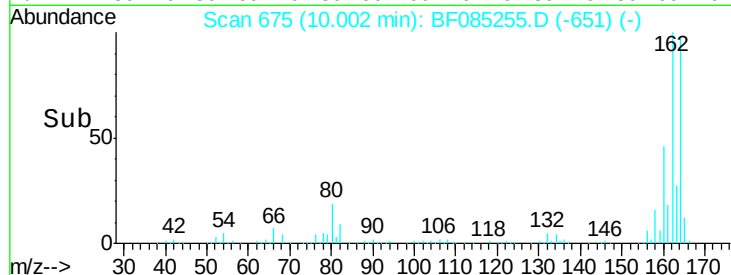
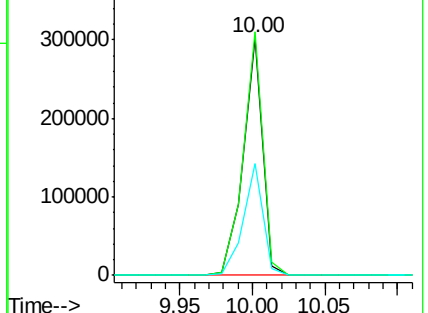
160 46.9 37.9 56.9



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: 124.24 ng

RT: 10.79 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF085255.D

Acq: 8 Mar 2016 14:59

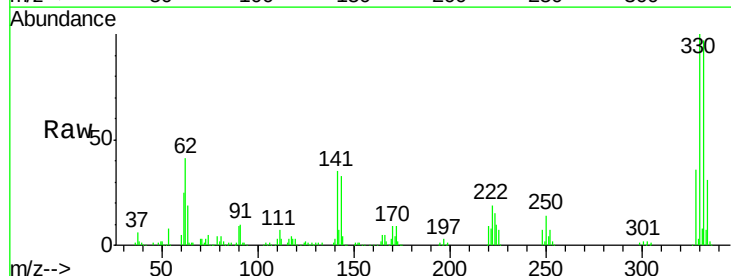
Tgt Ion:330 Resp: 298197

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

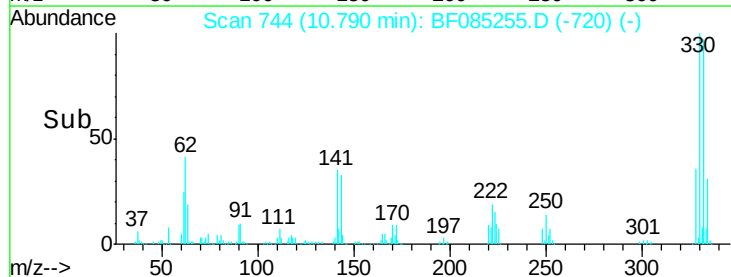
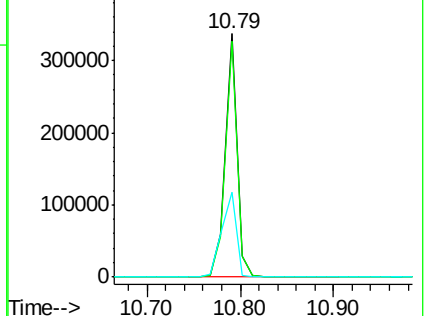
141 42.5 35.0 52.6

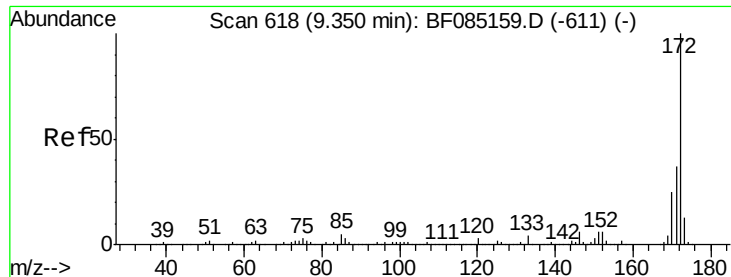


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

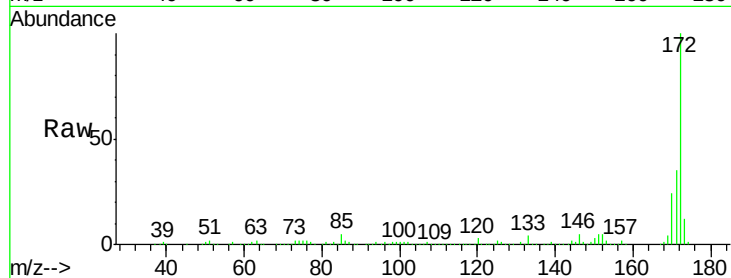




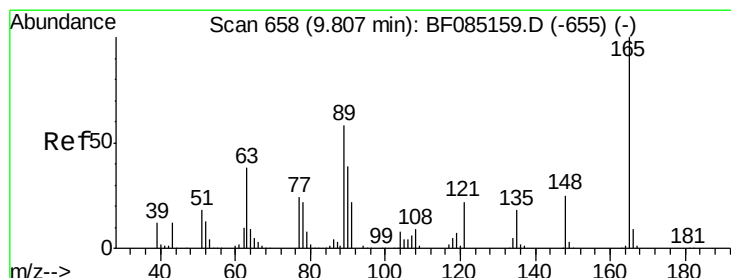
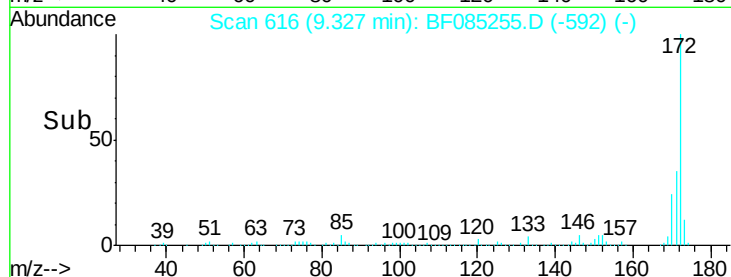
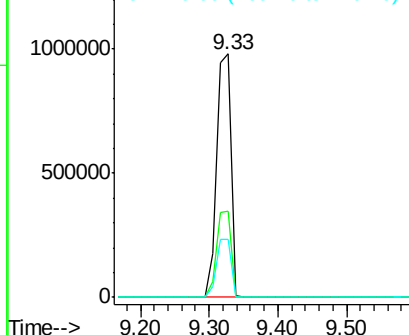
#44
 2-Fluorobiphenyl
 Concen: 78.99 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085255.D
 Acq: 8 Mar 2016 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB88757BL

Tgt Ion:172 Resp: 1456937
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.3 43.9
 170 24.0 20.0 30.0

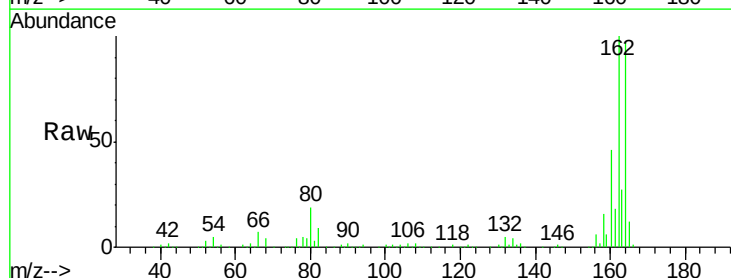


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

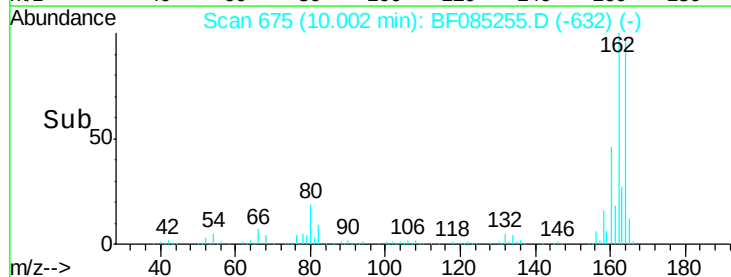
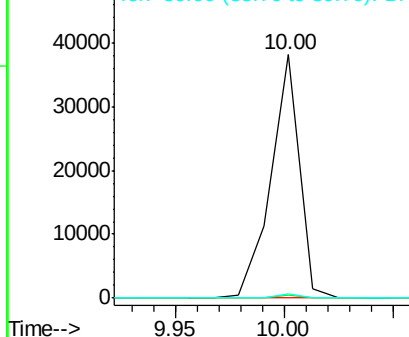


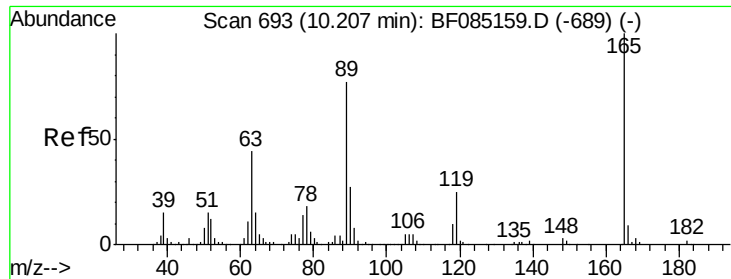
#50
 2,6-Dinitrotoluene
 Concen: 7.64 ng
 RT: 10.00 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF085255.D
 Acq: 8 Mar 2016 14:59

Tgt Ion:165 Resp: 35188
 Ion Ratio Lower Upper
 165 100
 63 1.1 41.8 62.8#
 89 1.6 46.7 70.1#



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

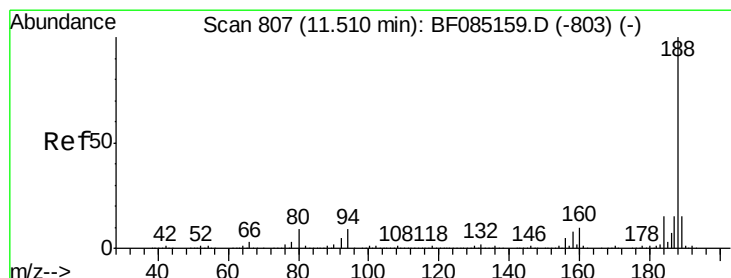
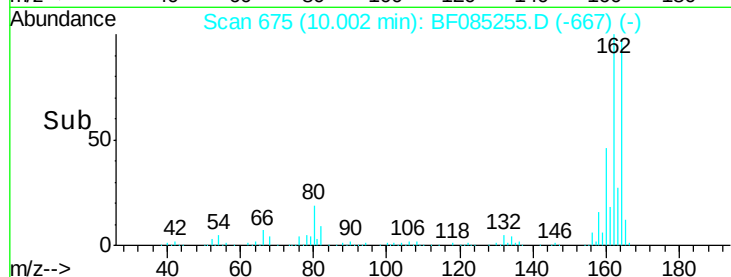
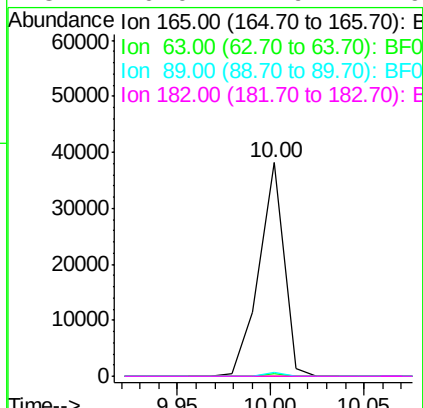
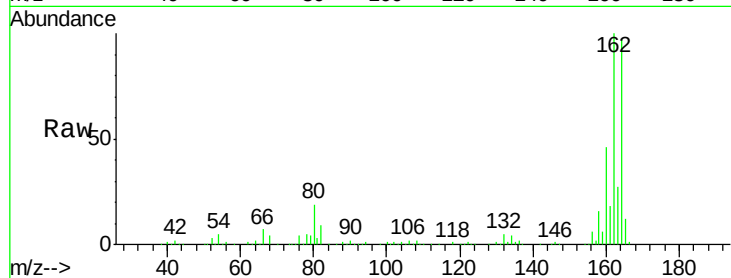




#56
 2,4-Dinitrotoluene
 Concen: 5.97 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF085255.D
 Acq: 8 Mar 2016 14:59

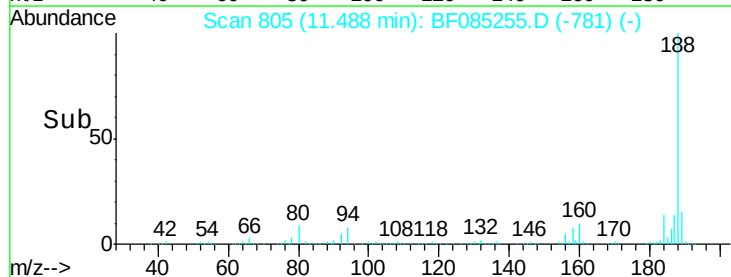
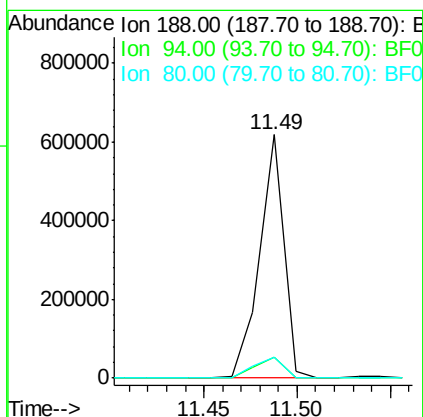
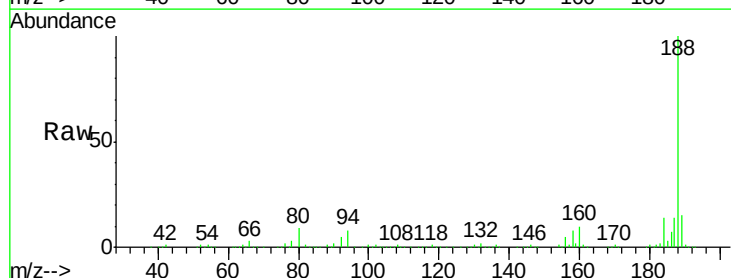
Instrument :
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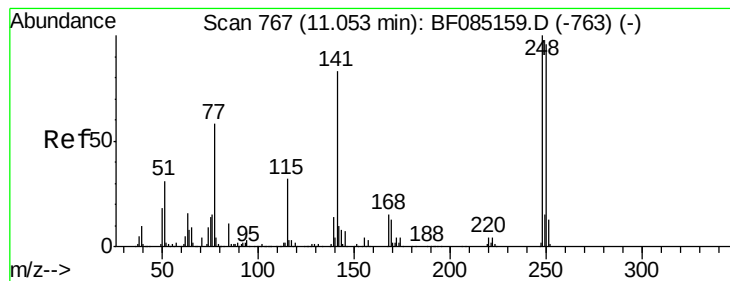
Tgt Ion:	165	Resp:	35190
Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.4	53.0#
89	1.6	61.9	92.9#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF085255.D
 Acq: 8 Mar 2016 14:59

Tgt Ion:	188	Resp:	556574
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.6
80	8.7	7.4	11.0





#66

4-Bromophenyl-phenylether

Concen: 4.00 ng

RT: 10.79 min Scan# 744

Delta R.T. -0.26 min

Lab File: BF085255.D

Acq: 8 Mar 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB88757BL

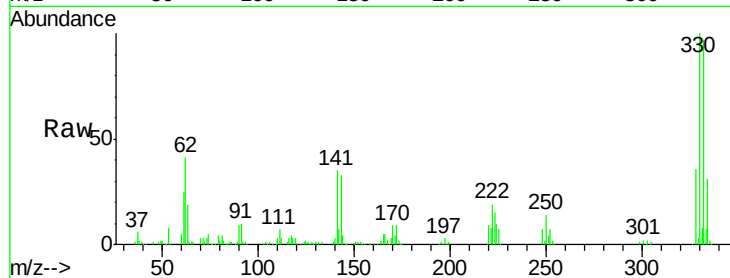
Tgt Ion:248 Resp: 21637

Ion Ratio Lower Upper

248 100

250 204.8 77.1 115.7#

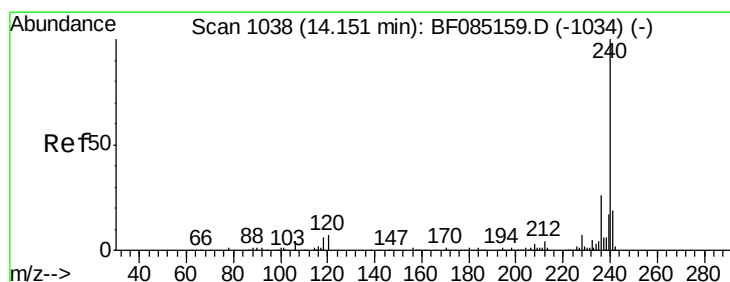
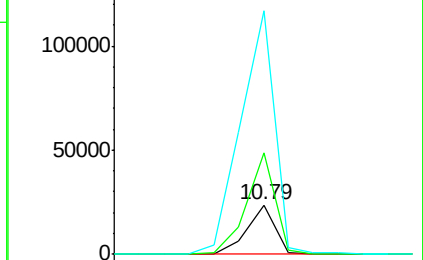
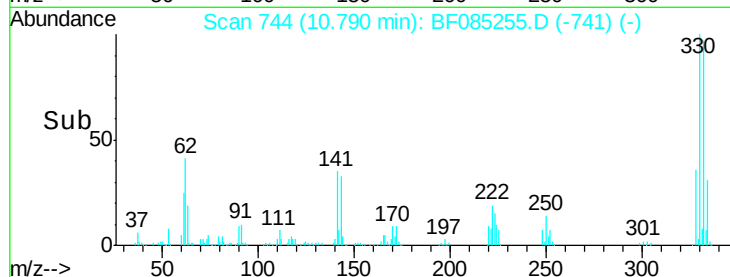
141 490.9 66.2 99.2#



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: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085255.D

Acq: 8 Mar 2016 14:59

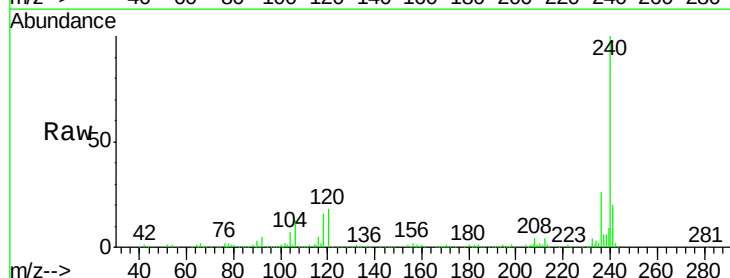
Tgt Ion:240 Resp: 413631

Ion Ratio Lower Upper

240 100

120 17.9 5.3 7.9#

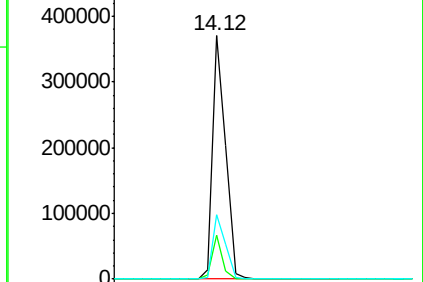
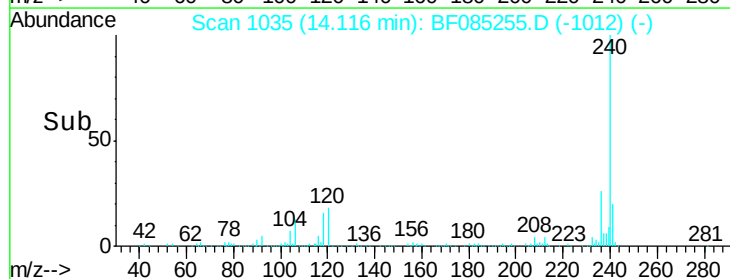
236 26.3 20.7 31.1

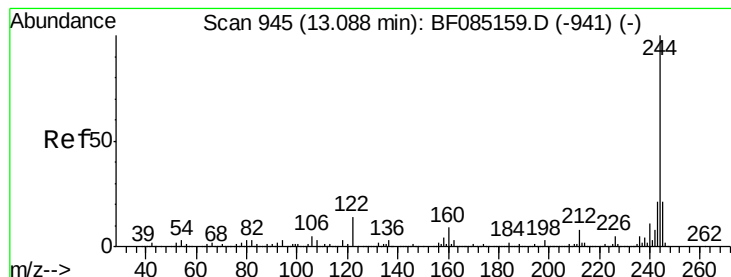


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.22 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085255.D

Acq: 8 Mar 2016 14:59

Instrument :

BNA_F

ClientSampleId :

PB88757BL

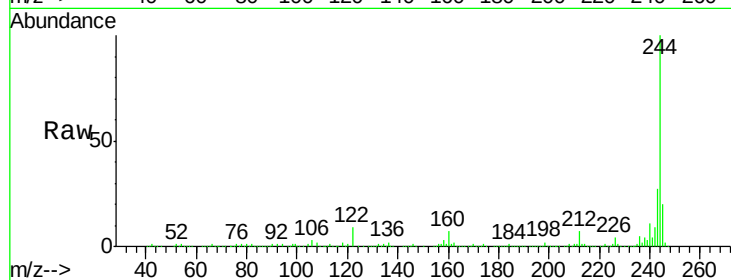
Tgt Ion:244 Resp: 1482873

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

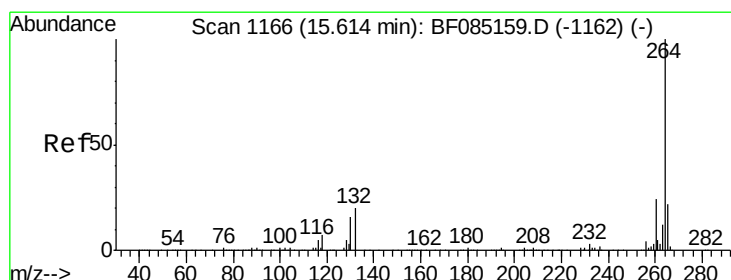
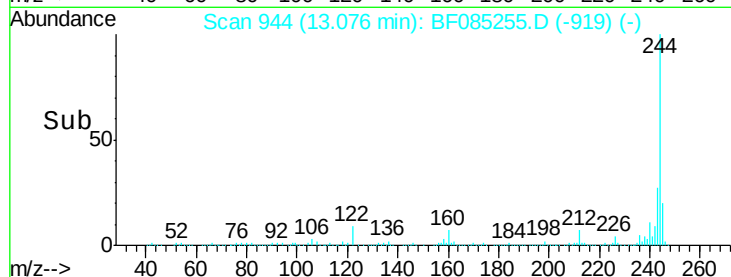
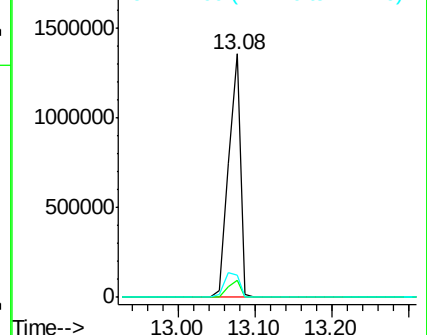
122 9.3 11.4 17.2#



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: 15.59 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BF085255.D

Acq: 8 Mar 2016 14:59

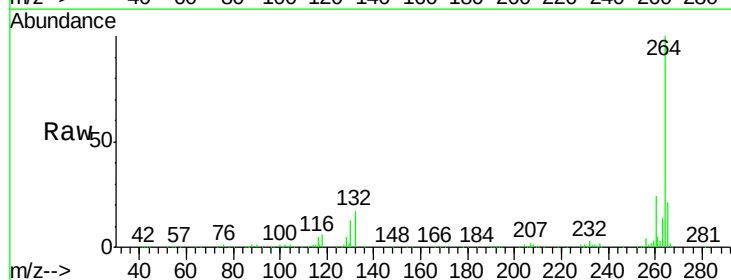
Tgt Ion:264 Resp: 322700

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.1 17.3 25.9



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

