

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085438.D
 Acq On : 14 Mar 2016 19:34
 Operator : UM/SJ
 Sample : PB88851BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88851BL

Quant Time: Mar 15 01:01:58 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

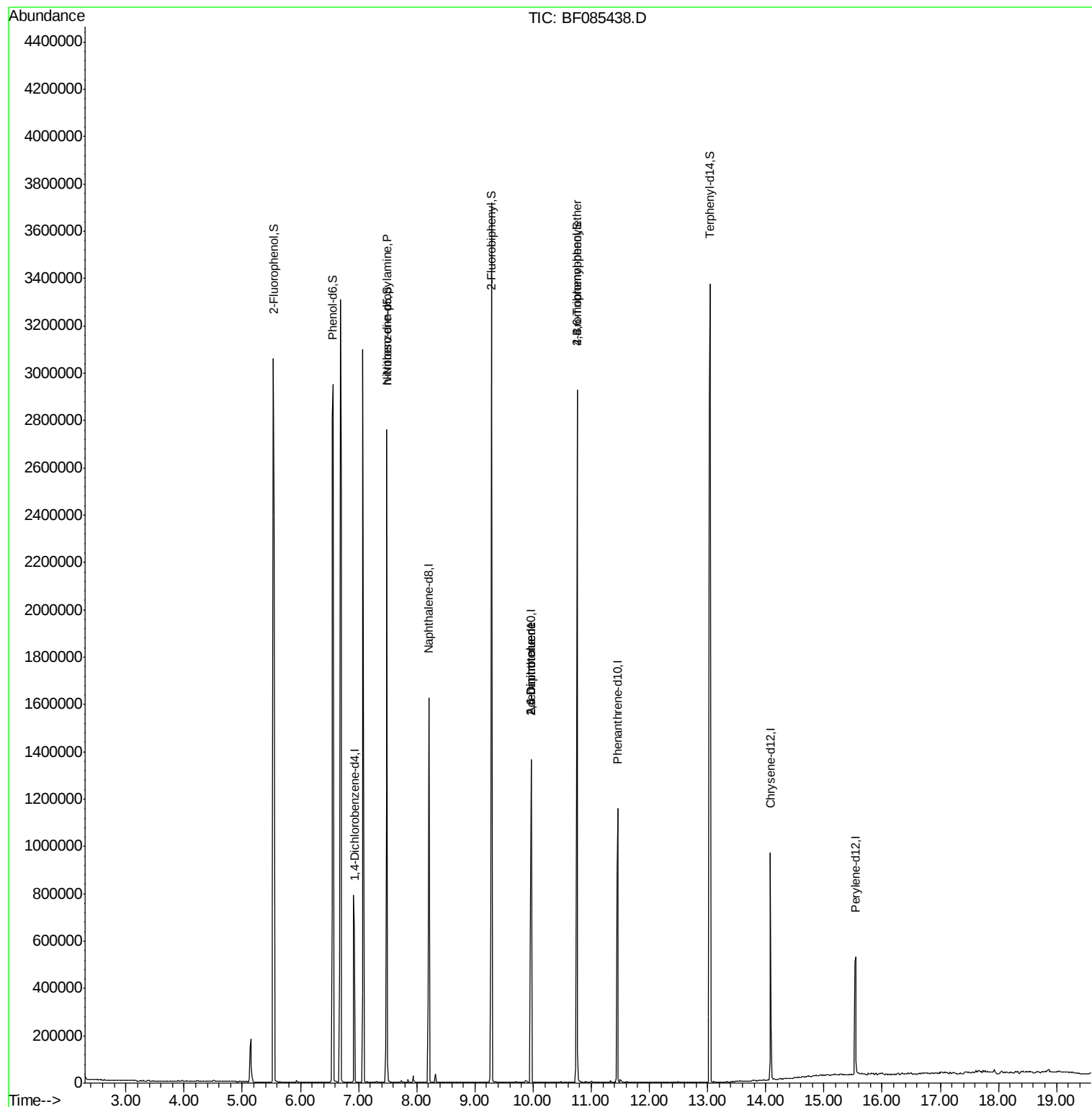
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	168922	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	705838	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	315683	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	571500	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	311139	20.00	ng	-0.07
86) Perylene-d12	15.55	264	276317	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1351755	134.23	ng	-0.05
7) Phenol-d6	6.56	99	1751875	132.78	ng	-0.05
23) Nitrobenzene-d5	7.49	82	1027197	77.88	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	361058	133.67	ng	-0.06
44) 2-Fluorobiphenyl	9.28	172	1716296	82.68	ng	-0.07
78) Terphenyl-d14	13.04	244	1517844	113.25	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.56	77	2407	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	7.49	70	139068	16.17	ng	# 77
50) 2,6-Dinitrotoluene	9.97	165	40440	7.80	ng	# 26
56) 2,4-Dinitrotoluene	9.97	165	40442	6.10	ng	# 22
66) 4-Bromophenyl-phenylether	10.76	248	26269	4.73	ng	# 1

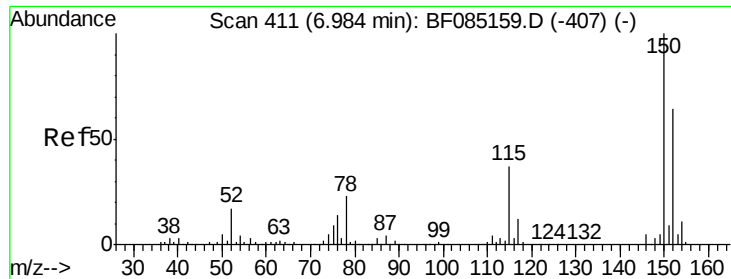
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF085438.D

Acq: 14 Mar 2016 19:34

Instrument :

BNA_F

ClientSampled :

PB88851BL

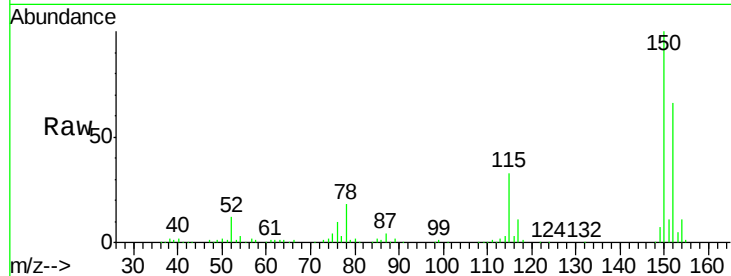
Tgt Ion:152 Resp: 168922

Ion Ratio Lower Upper

152 100

150 150.6 124.6 186.8

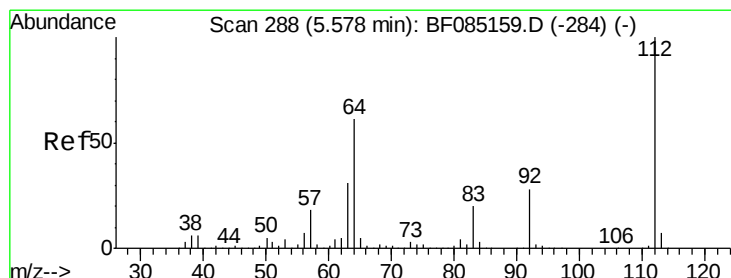
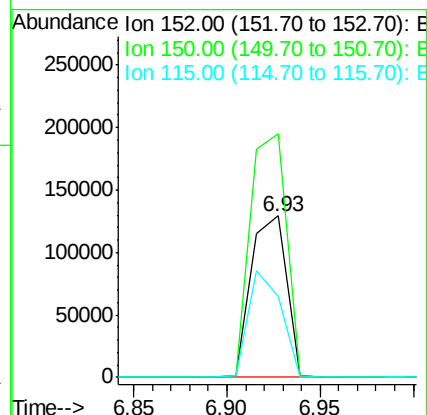
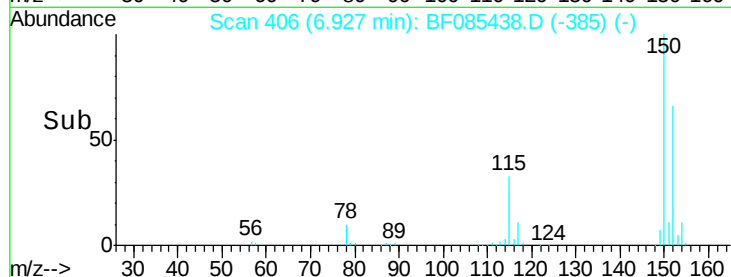
115 50.0 46.6 70.0



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: 134.23 ng

RT: 5.53 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF085438.D

Acq: 14 Mar 2016 19:34

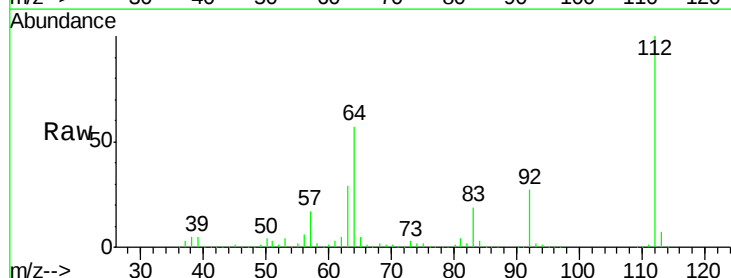
Tgt Ion:112 Resp: 1351755

Ion Ratio Lower Upper

112 100

64 57.5 49.0 73.4

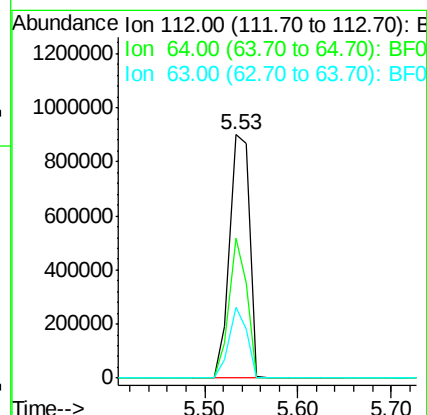
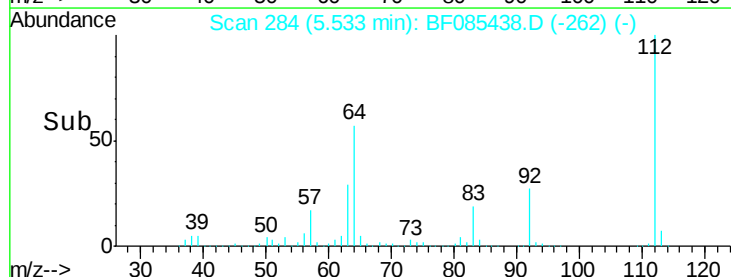
63 29.0 24.8 37.2

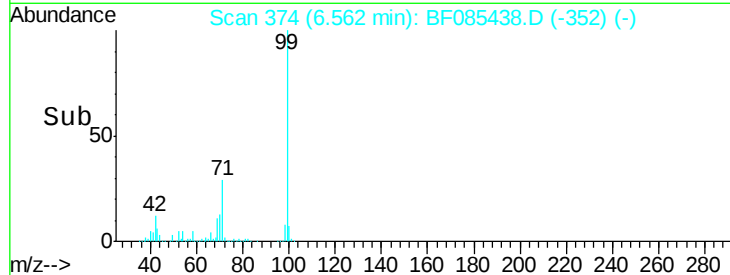
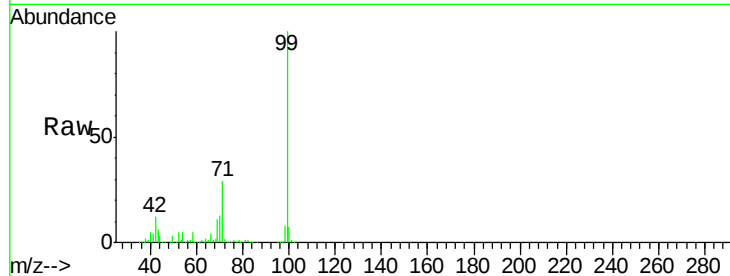
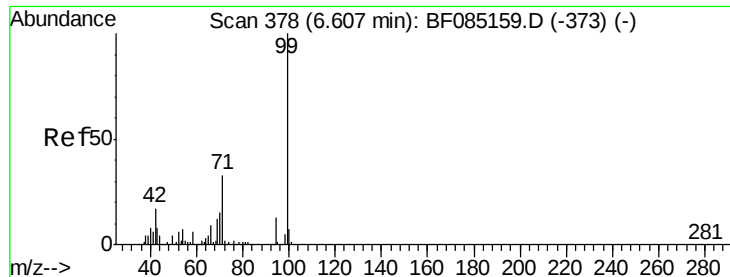


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.78 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085438.D

Acq: 14 Mar 2016 19:34

Instrument :

BNA_F

ClientSampleId :

PB88851BL

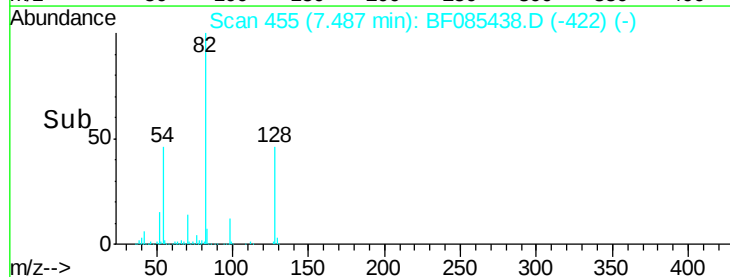
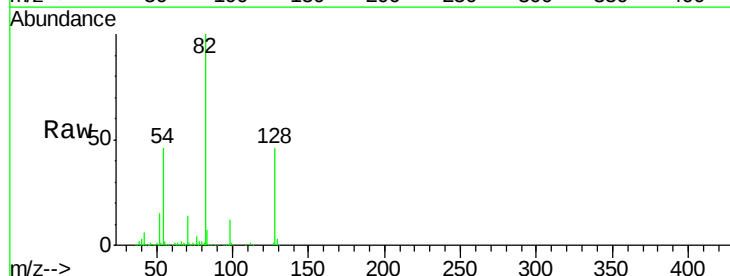
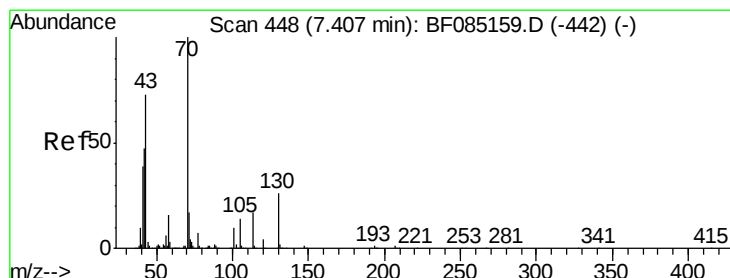
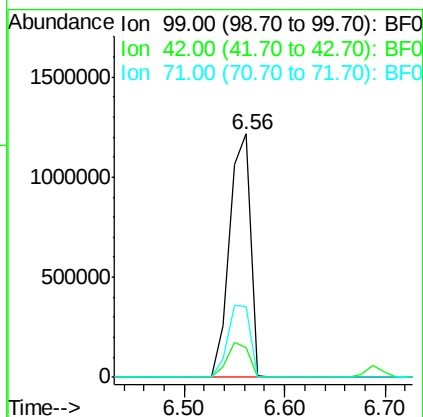
Tgt Ion: 99 Resp: 1751875

Ion Ratio Lower Upper

99 100

42 12.1 13.6 20.4#

71 29.0 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 16.17 ng

RT: 7.49 min Scan# 455

Delta R.T. 0.08 min

Lab File: BF085438.D

Acq: 14 Mar 2016 19:34

Tgt Ion: 70 Resp: 139068

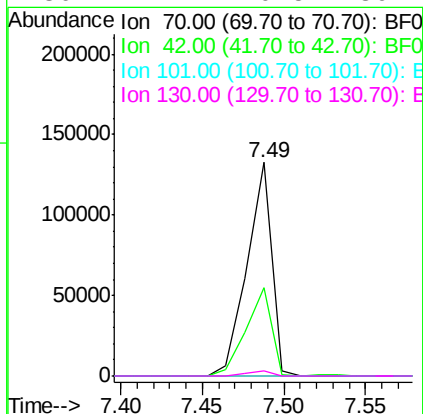
Ion Ratio Lower Upper

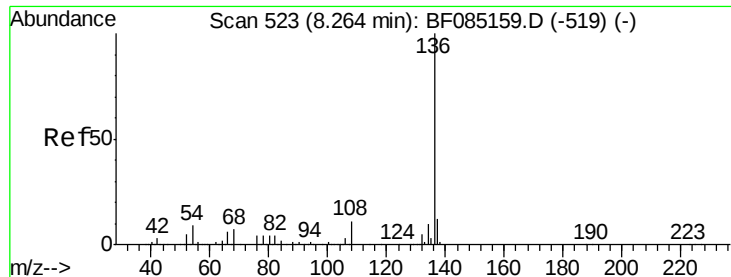
70 100

42 41.2 37.7 56.5

101 0.0 8.2 12.4#

130 2.2 20.5 30.7#

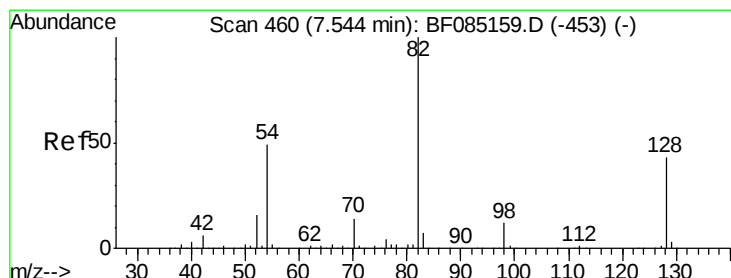
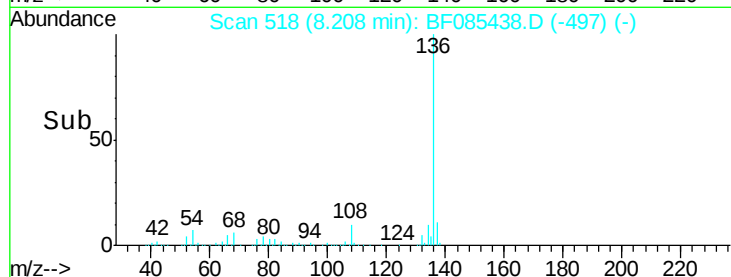
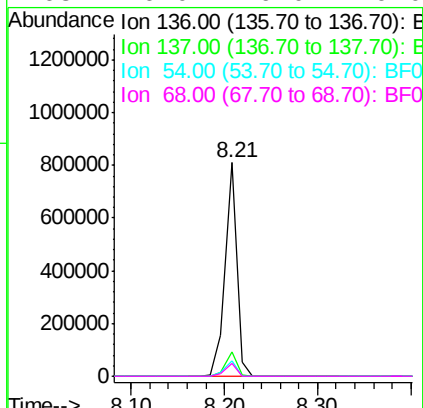
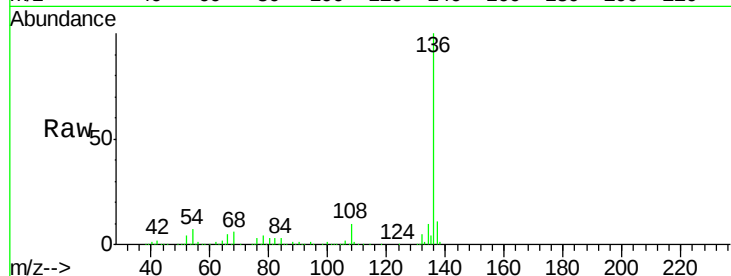




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF085438.D
Acq: 14 Mar 2016 19:34

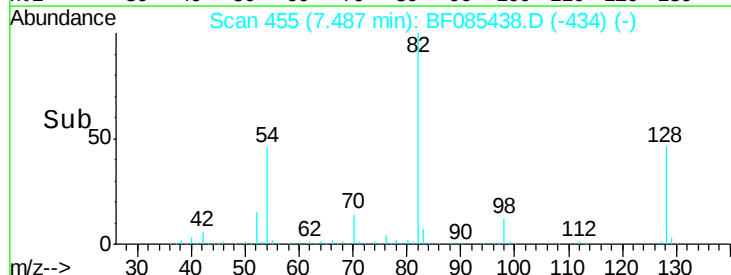
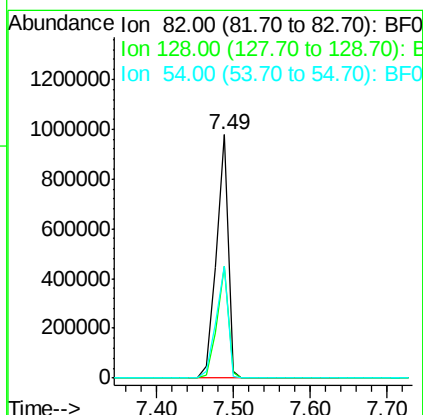
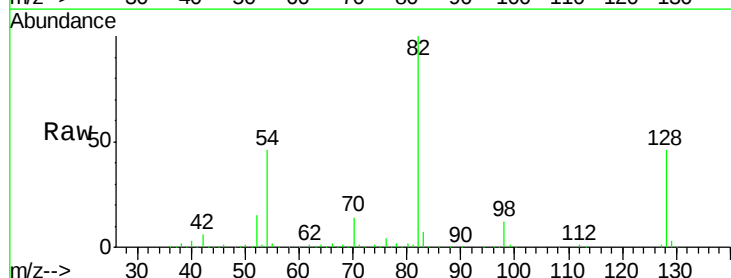
Instrument :
BNA_F
ClientSampleId :
PB88851BL

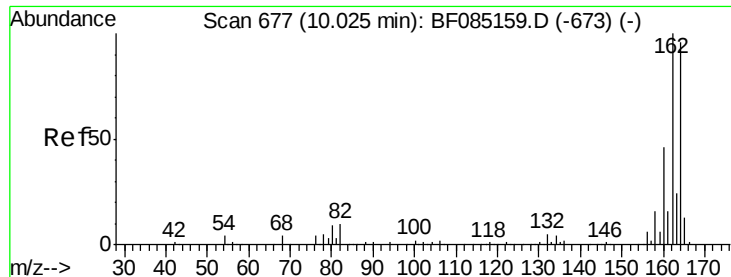
Tgt Ion:	136	Resp:	705838
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	7.0	7.4	11.2#
68	6.0	6.0	9.0#



#23
Nitrobenzene-d5
Concen: 77.88 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.06 min
Lab File: BF085438.D
Acq: 14 Mar 2016 19:34

Tgt Ion:	82	Resp:	1027197
Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.5	51.7
54	45.9	39.3	58.9

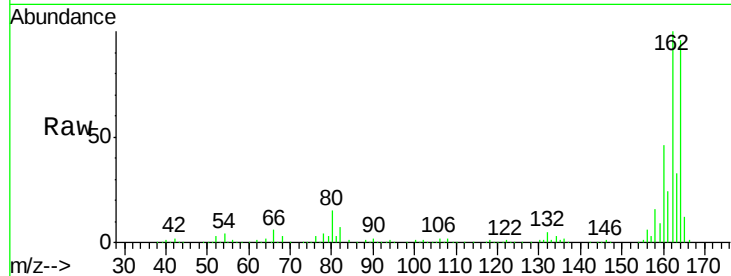




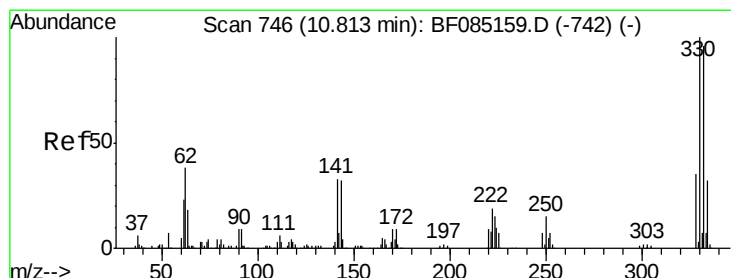
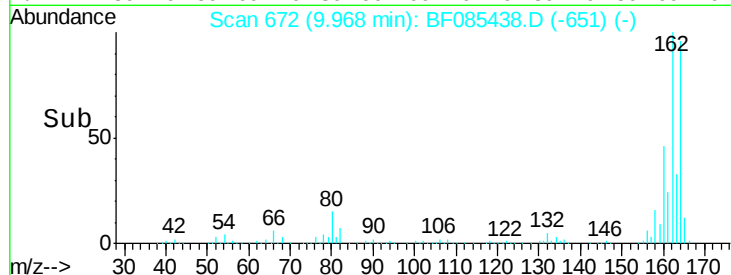
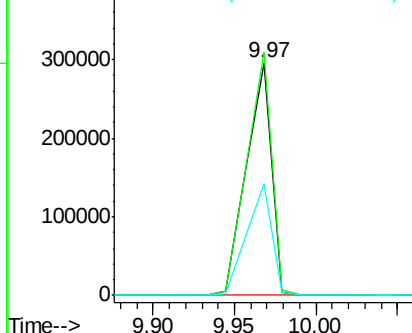
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF085438.D
 Acq: 14 Mar 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB88851BL

Tgt Ion:164 Resp: 315683
 Ion Ratio Lower Upper
 164 100
 162 104.6 83.3 124.9
 160 48.2 37.9 56.9

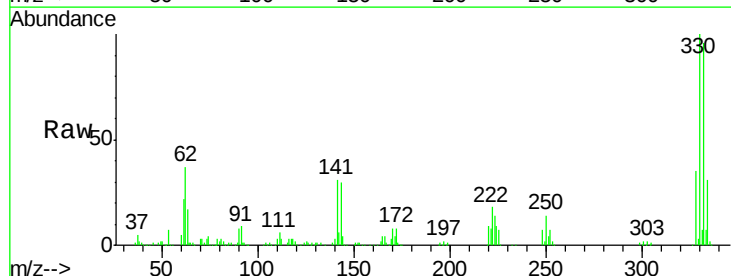


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

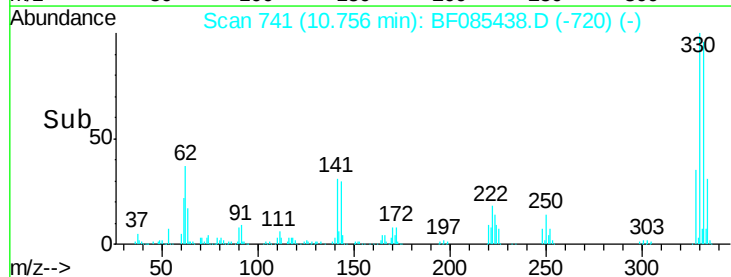
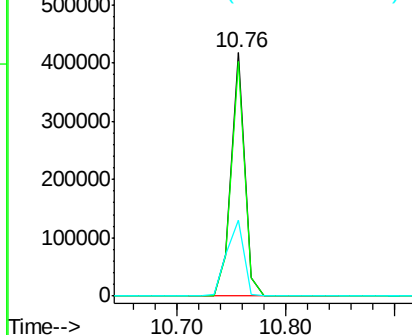


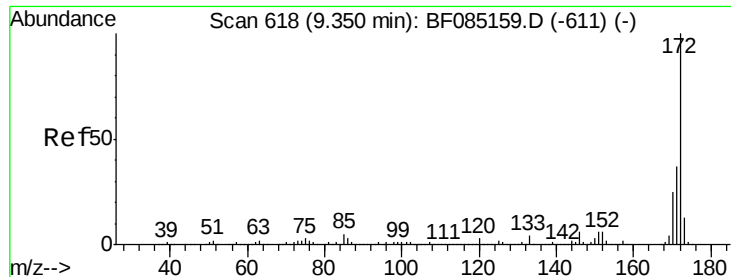
#41
 2,4,6-Tribromophenol
 Concen: 133.67 ng
 RT: 10.76 min Scan# 741
 Delta R.T. -0.06 min
 Lab File: BF085438.D
 Acq: 14 Mar 2016 19:34

Tgt Ion:330 Resp: 361058
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.1 115.7
 141 39.6 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

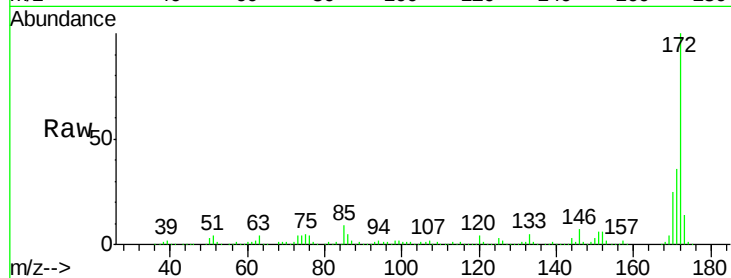




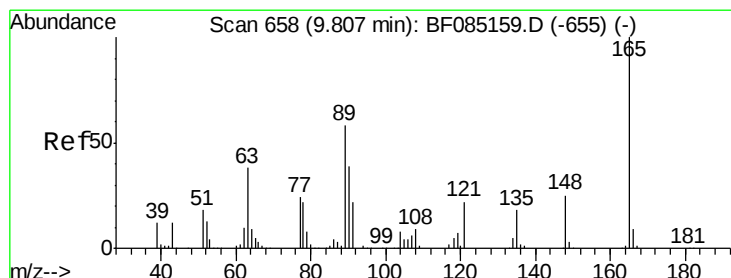
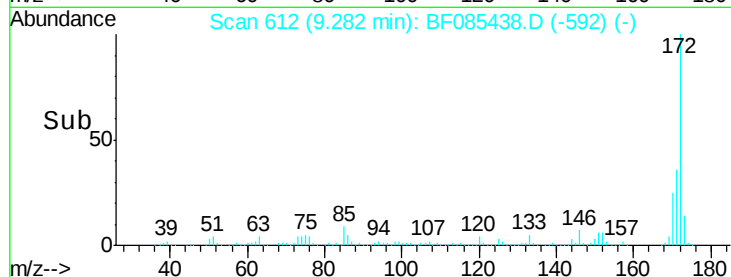
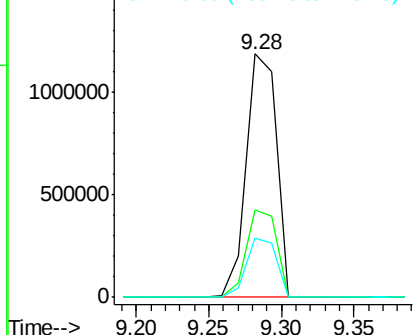
#44
 2-Fluorobiphenyl
 Concen: 82.68 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.07 min
 Lab File: BF085438.D
 Acq: 14 Mar 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB88851BL

Tgt Ion:172 Resp: 1716296
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.3 43.9
 170 24.6 20.0 30.0

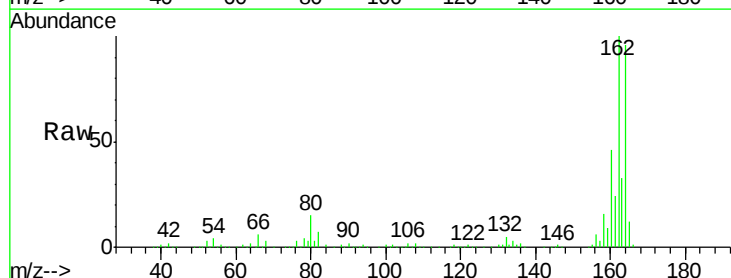


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

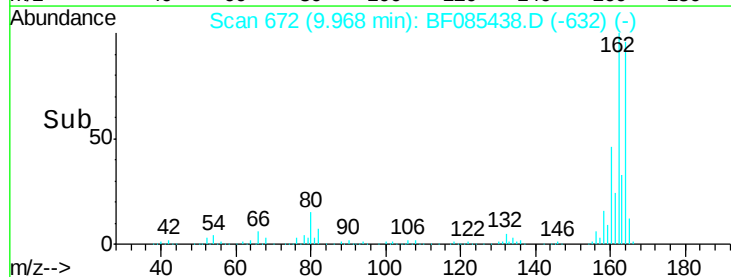
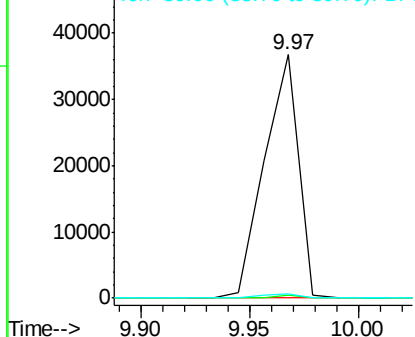


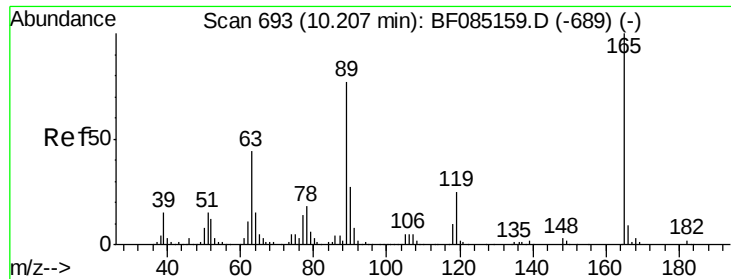
#50
 2,6-Dinitrotoluene
 Concen: 7.80 ng
 RT: 9.97 min Scan# 672
 Delta R.T. 0.16 min
 Lab File: BF085438.D
 Acq: 14 Mar 2016 19:34

Tgt Ion:165 Resp: 40440
 Ion Ratio Lower Upper
 165 100
 63 1.5 41.8 62.8#
 89 1.7 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

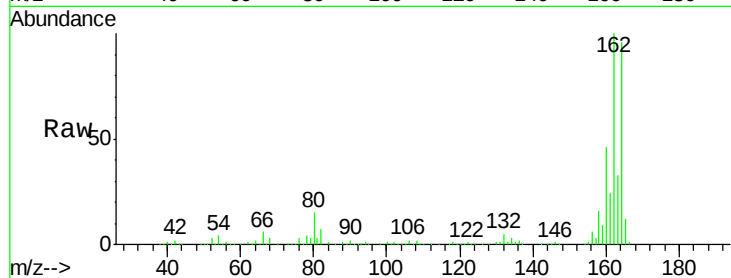




#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.97 min Scan# 672
 Delta R.T. -0.24 min
 Lab File: BF085438.D
 Acq: 14 Mar 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB88851BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.4	53.0#
89	1.7	61.9	92.9#
182	0.0	1.9	2.9#

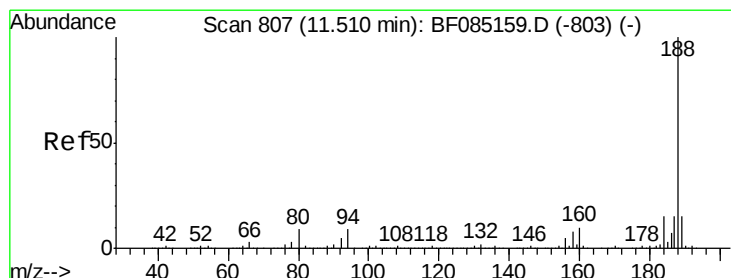
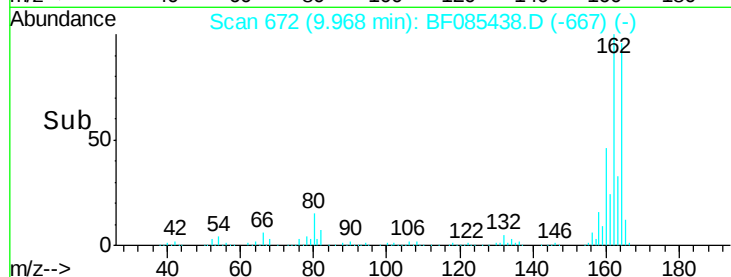
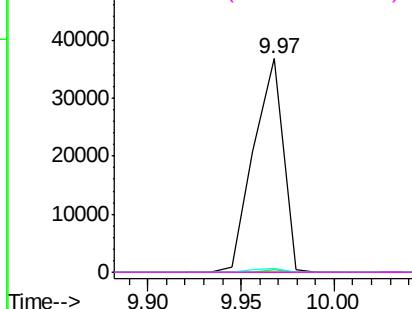


Abundance Ion 165.00 (164.70 to 165.70): E

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



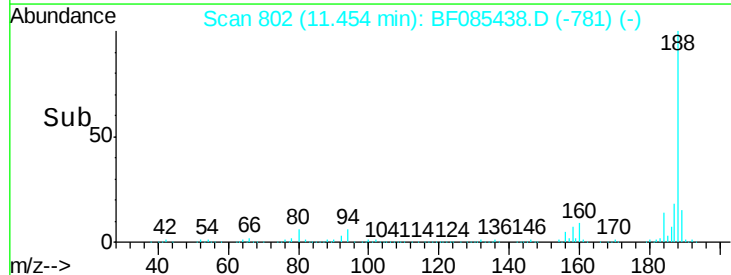
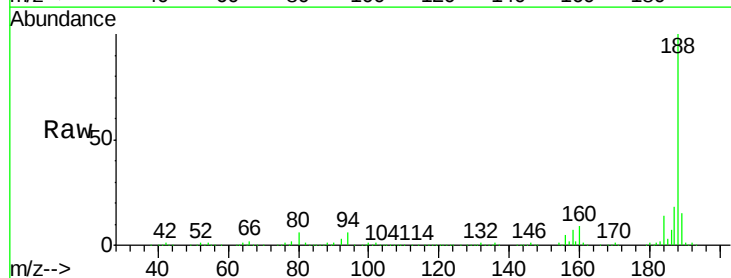
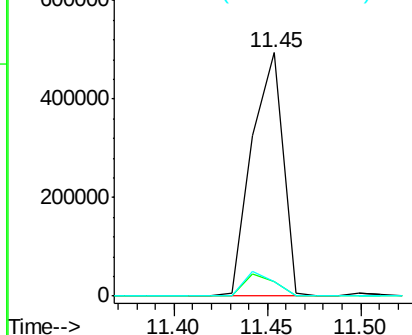
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 802
 Delta R.T. -0.06 min
 Lab File: BF085438.D
 Acq: 14 Mar 2016 19:34

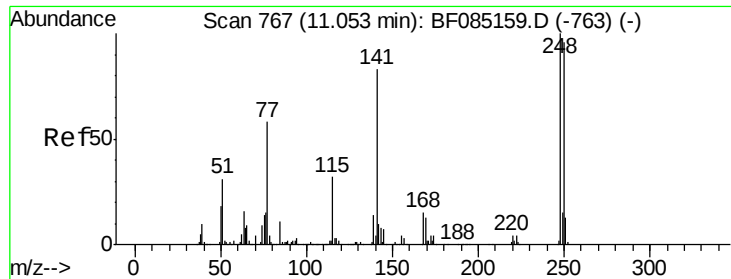
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	7.0	10.6#
80	6.1	7.4	11.0#

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: 4.73 ng

RT: 10.76 min Scan# 741

Delta R.T. -0.30 min

Lab File: BF085438.D

Acq: 14 Mar 2016 19:34

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PB88851BL

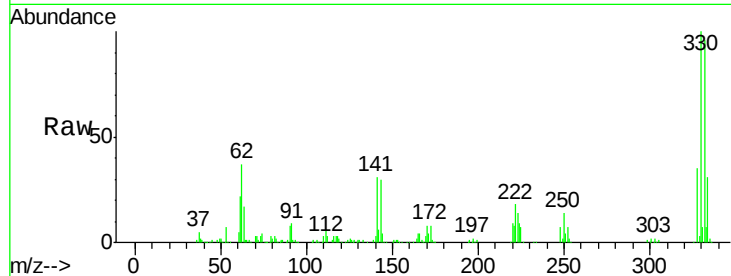
Tgt Ion:248 Resp: 26269

Ion Ratio Lower Upper

248 100

250 197.3 77.1 115.7#

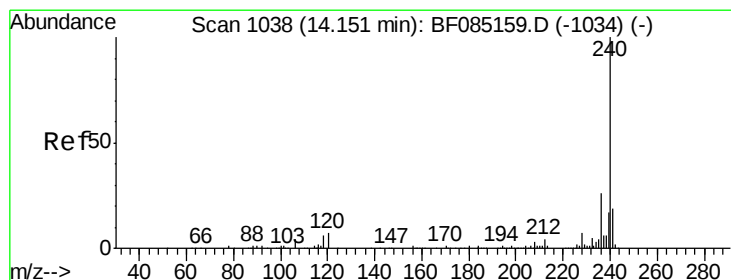
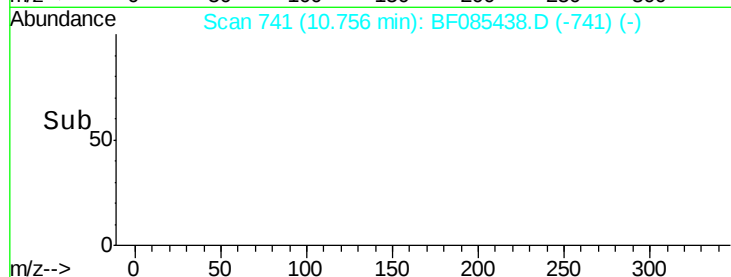
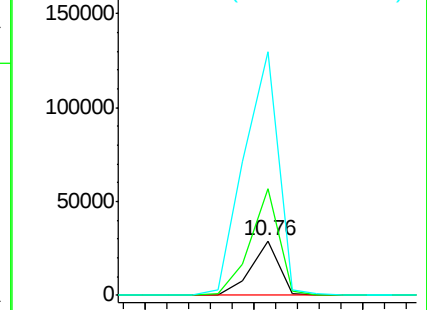
141 448.1 66.2 99.2#



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: 14.08 min Scan# 1032

Delta R.T. -0.07 min

Lab File: BF085438.D

Acq: 14 Mar 2016 19:34

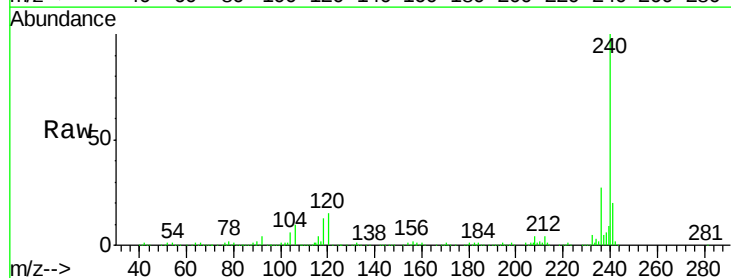
Tgt Ion:240 Resp: 311139

Ion Ratio Lower Upper

240 100

120 15.0 5.3 7.9#

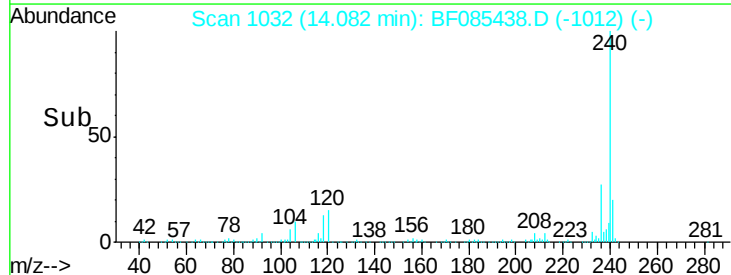
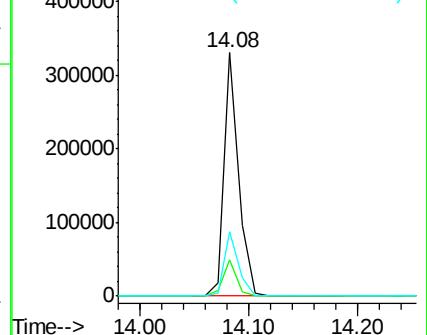
236 26.6 20.7 31.1

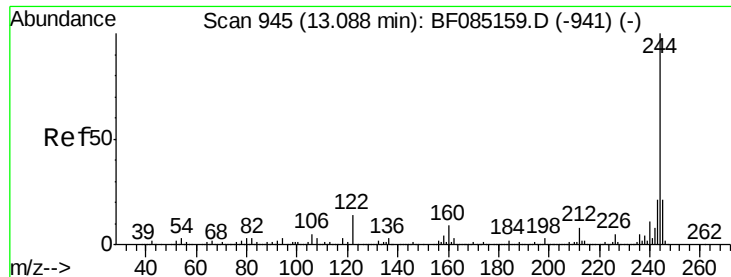


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

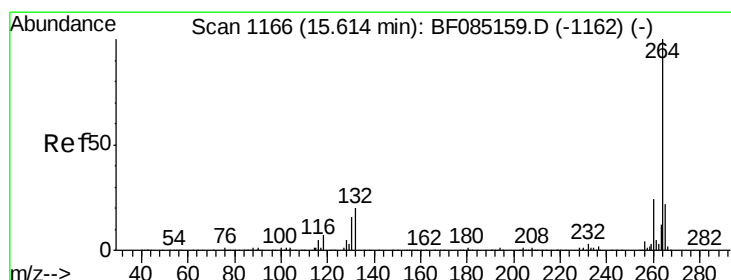
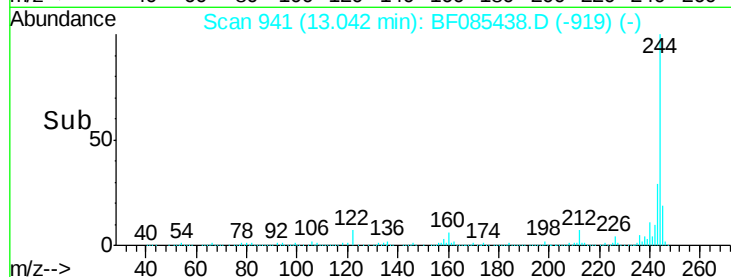
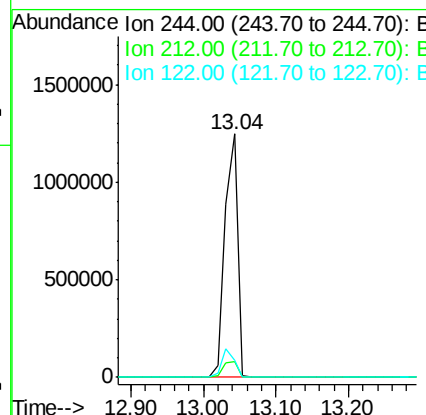
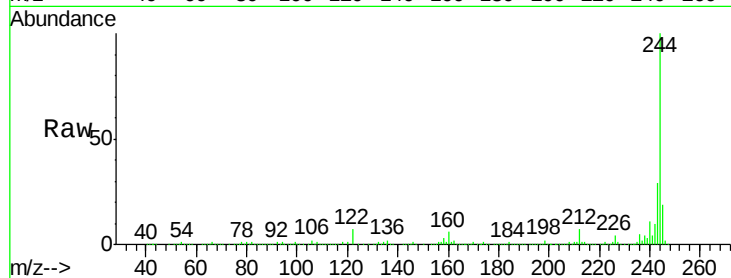




#78
 Terphenyl-d14
 Concen: 113.25 ng
 RT: 13.04 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF085438.D
 Acq: 14 Mar 2016 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PB88851BL

Tgt Ion:244 Resp: 1517844
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.4 9.6
 122 6.9 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.55 min Scan# 1160
 Delta R.T. -0.07 min
 Lab File: BF085438.D
 Acq: 14 Mar 2016 19:34

Tgt Ion:264 Resp: 276317
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 20.9 17.3 25.9

