

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085233.D
 Acq On : 5 Mar 2016 5:26
 Operator : SJ/IZ
 Sample : H1661-03RE
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 00:00:06 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

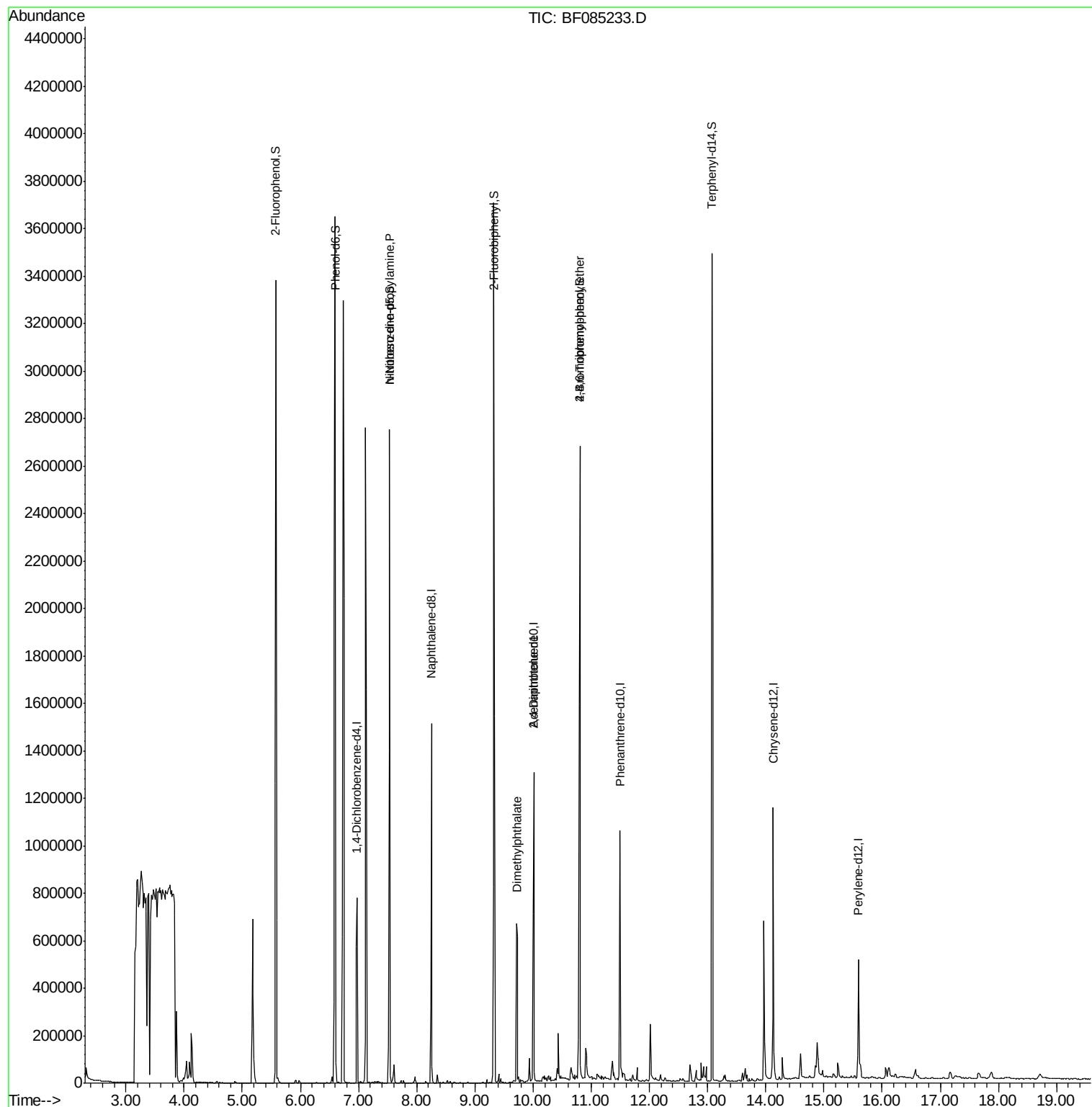
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156834	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	655516	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	302331	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	554838	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	364502	20.00	ng	-0.02
86) Perylene-d12	15.59	264	256179	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1119179	119.70	ng	0.00
7) Phenol-d6	6.60	99	1543560	126.01	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1049701	85.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	396395	153.23	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1426060	71.74	ng	-0.02
78) Terphenyl-d14	13.08	244	1378523	87.79	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.60	77	2263	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	7.53	70	142006	17.79	ng	# 77
49) Dimethylphthalate	9.73	163	421166	18.15	ng	98
56) 2,4-Dinitrotoluene	10.01	165	39218	6.17	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	28075	5.21	ng	# 1

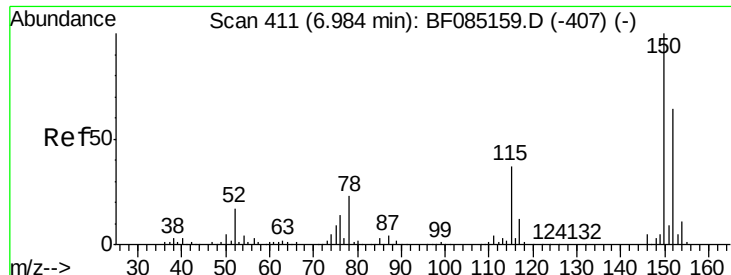
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085233.D

Acq: 5 Mar 2016 5:26

Instrument :

BNA_F

ClientSampleId :

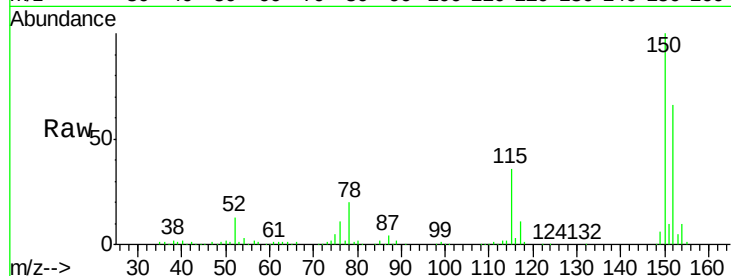
Tgt Ion:152 Resp: 156834

Ion Ratio Lower Upper

152 100

150 152.3 124.6 186.8

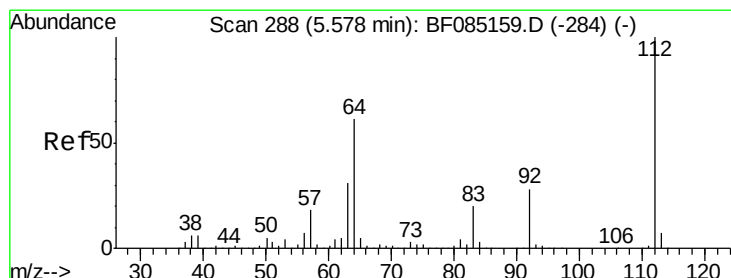
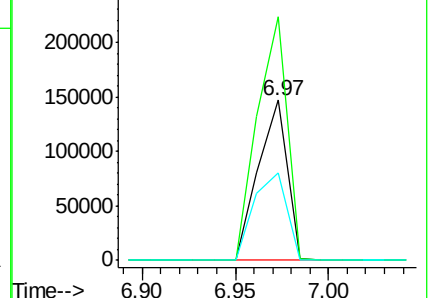
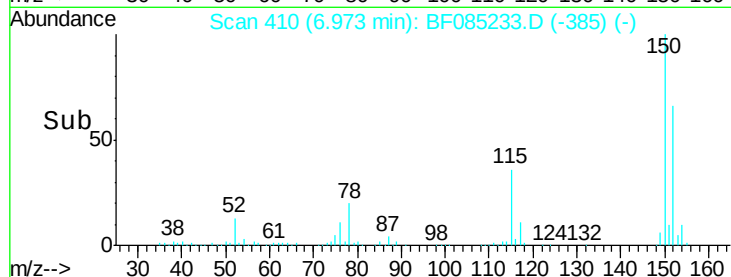
115 54.8 46.6 70.0



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: 119.70 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085233.D

Acq: 5 Mar 2016 5:26

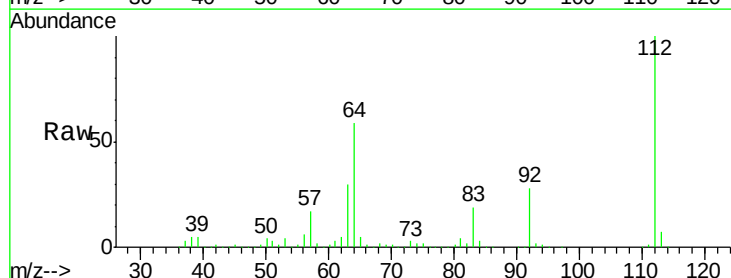
Tgt Ion:112 Resp: 1119179

Ion Ratio Lower Upper

112 100

64 58.6 49.0 73.4

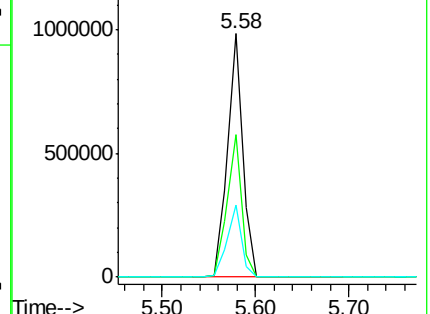
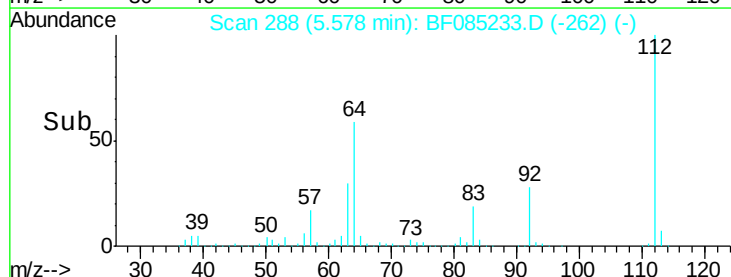
63 29.6 24.8 37.2

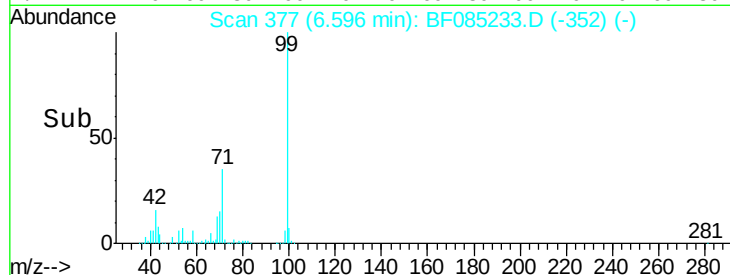
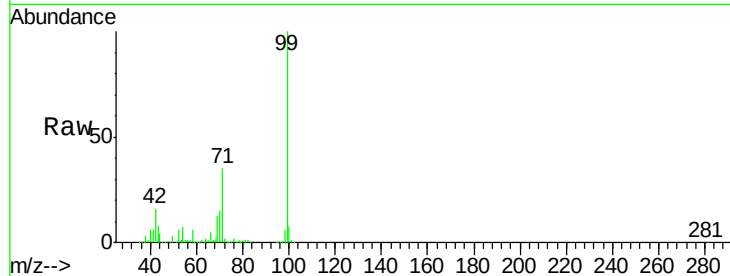
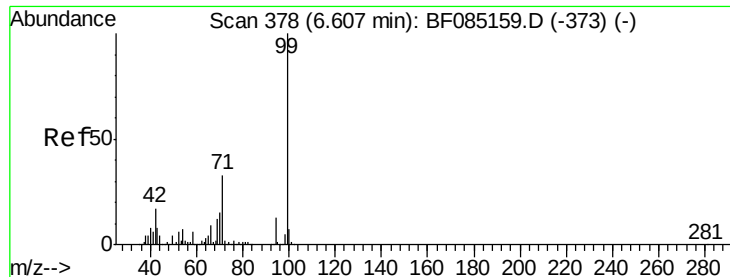


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.01 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085233.D

Acq: 5 Mar 2016 5:26

Instrument :

BNA_F

ClientSampleId :

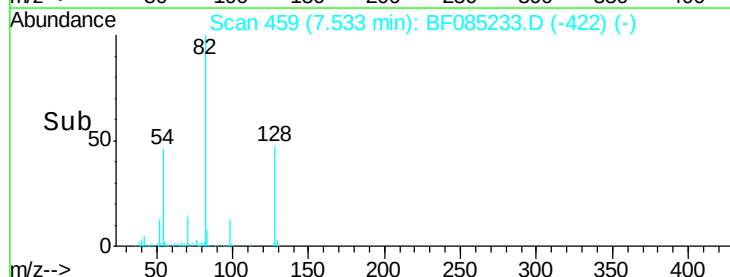
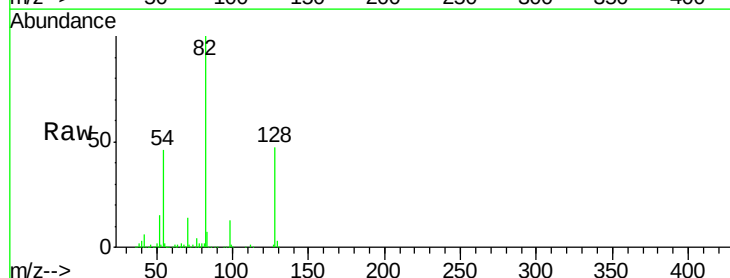
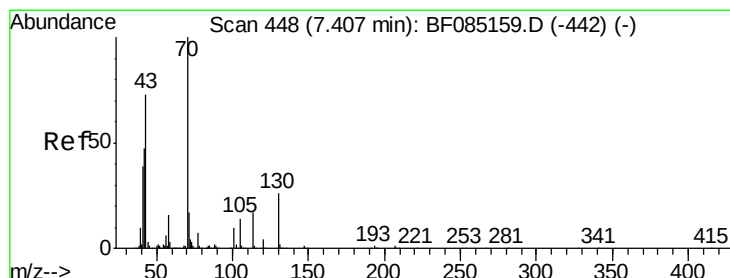
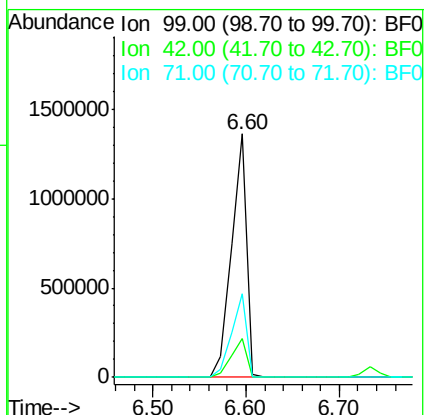
Tgt Ion: 99 Resp: 1543560

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

71 34.6 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 17.79 ng

RT: 7.53 min Scan# 459

Delta R.T. 0.13 min

Lab File: BF085233.D

Acq: 5 Mar 2016 5:26

Tgt Ion: 70 Resp: 142006

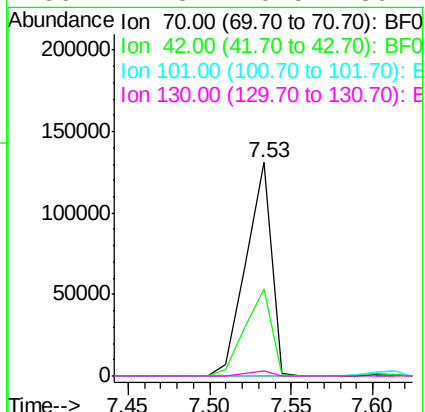
Ion Ratio Lower Upper

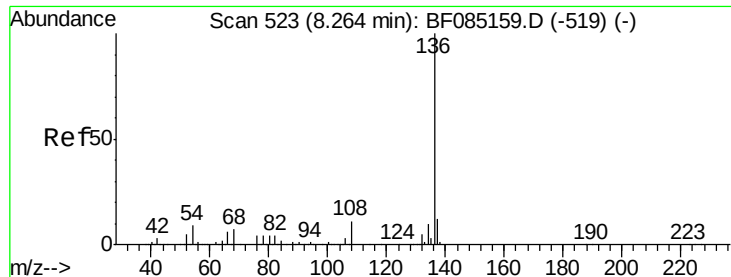
70 100

42 40.7 37.7 56.5

101 0.0 8.2 12.4#

130 2.3 20.5 30.7#

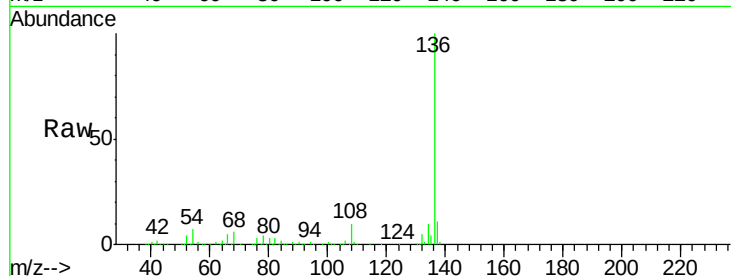




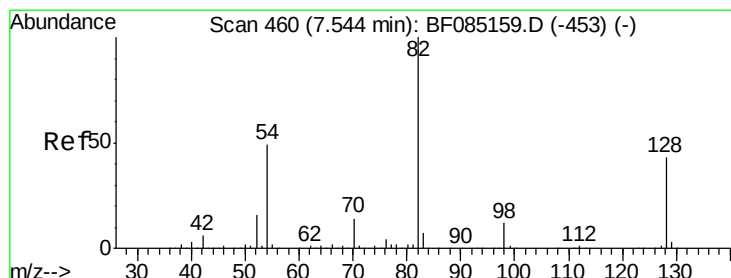
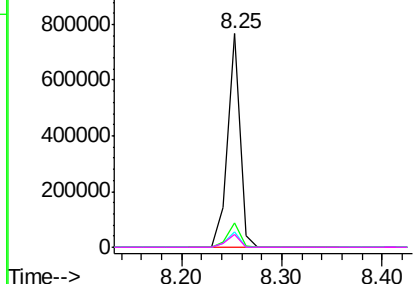
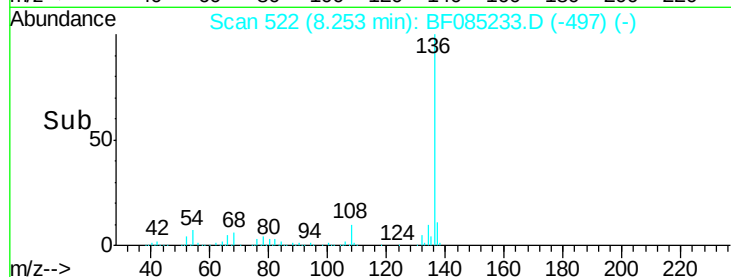
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085233.D
Acq: 5 Mar 2016 5:26

Instrument :
BNA_F
ClientSampled :

Tgt Ion:	136	Resp:	655516
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	7.1	7.4	11.2#
68	6.1	6.0	9.0

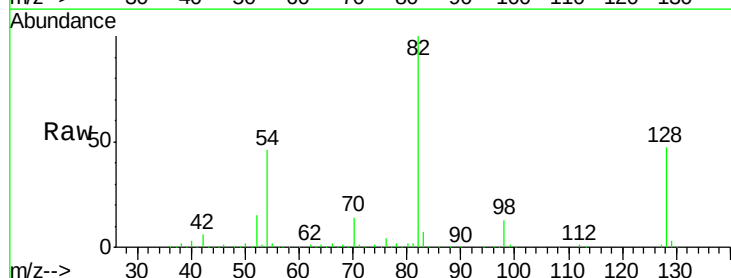


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

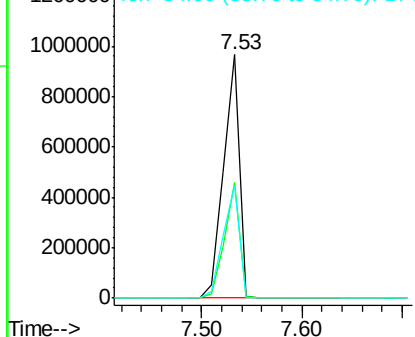
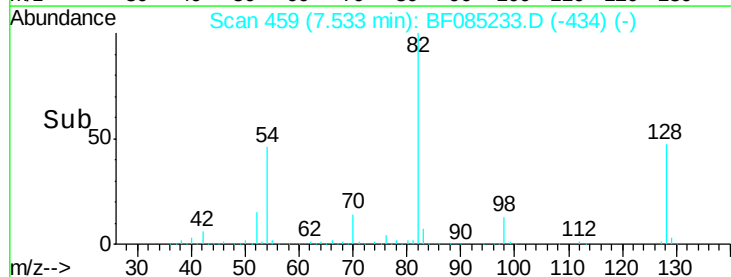


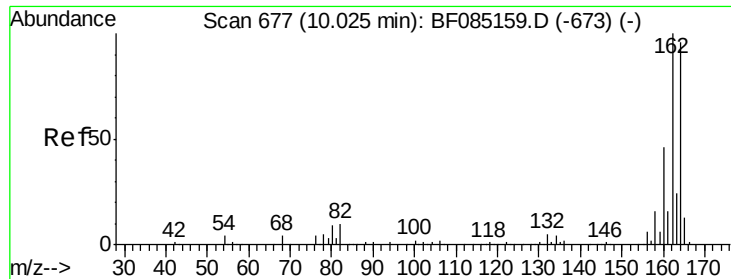
#23
Nitrobenzene-d5
Concen: 85.69 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085233.D
Acq: 5 Mar 2016 5:26

Tgt Ion:	82	Resp:	1049701
Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.5	51.7
54	46.3	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: 10.01 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF085233.D

Acq: 5 Mar 2016 5:26

Instrument :

BNA_F

ClientSampleId :

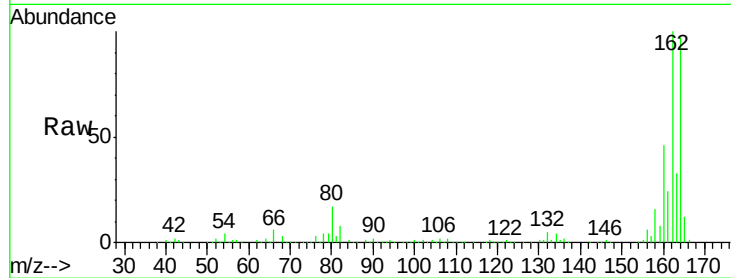
Tgt Ion:164 Resp: 302331

Ion Ratio Lower Upper

164 100

162 103.6 83.3 124.9

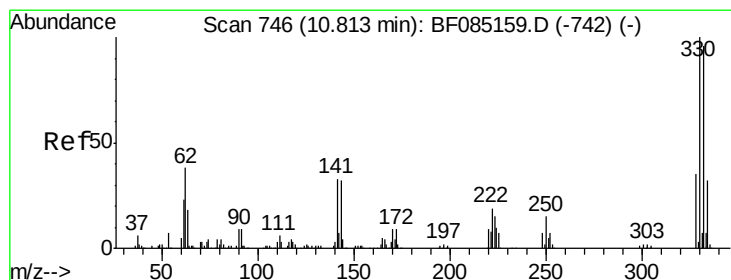
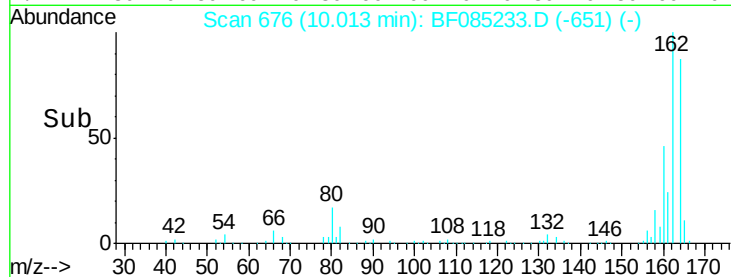
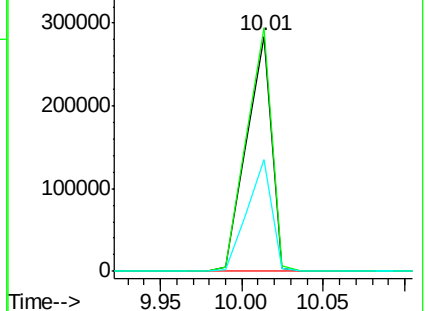
160 47.5 37.9 56.9



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: 153.23 ng

RT: 10.80 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF085233.D

Acq: 5 Mar 2016 5:26

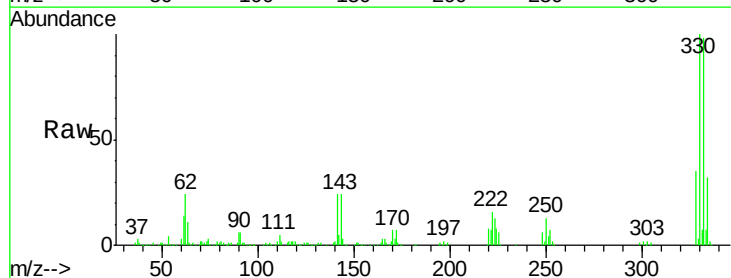
Tgt Ion:330 Resp: 396395

Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

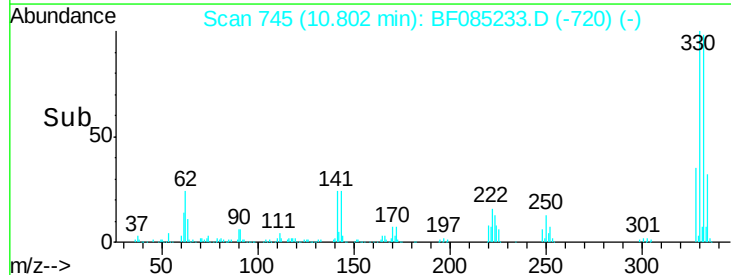
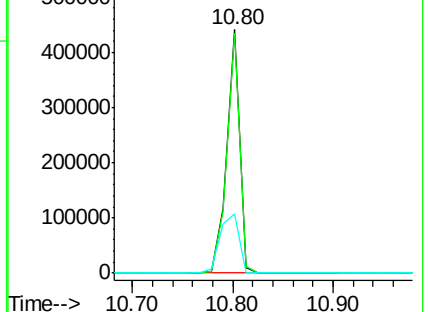
141 35.8 35.0 52.6

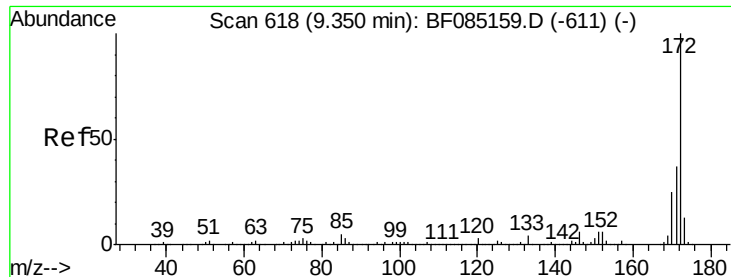


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

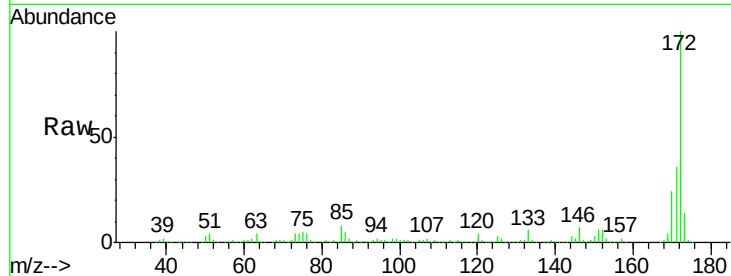




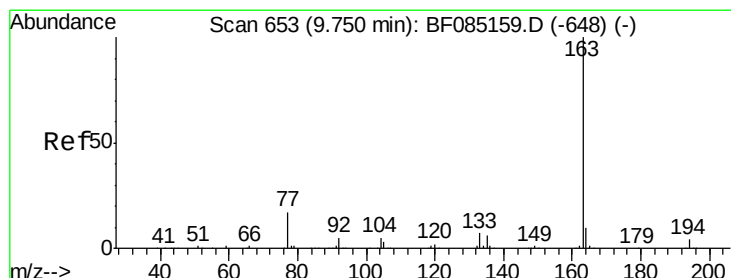
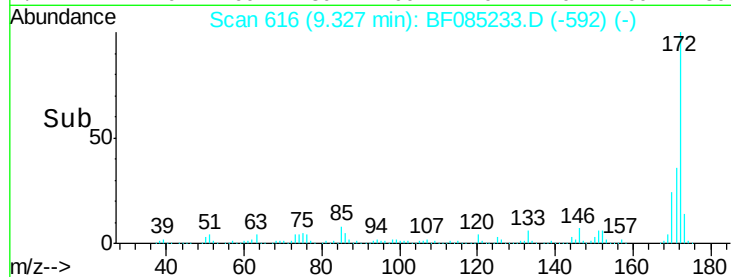
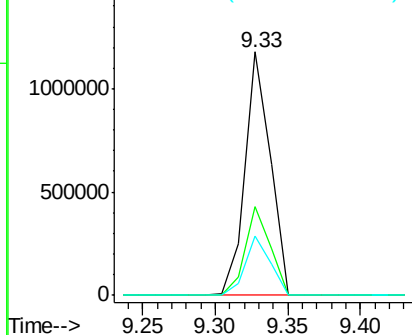
#44
2-Fluorobiphenyl
Concen: 71.74 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085233.D
Acq: 5 Mar 2016 5:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1426060
Ion Ratio Lower Upper
172 100
171 36.3 29.3 43.9
170 24.2 20.0 30.0

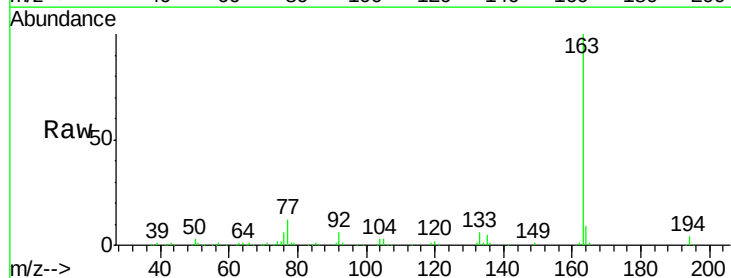


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

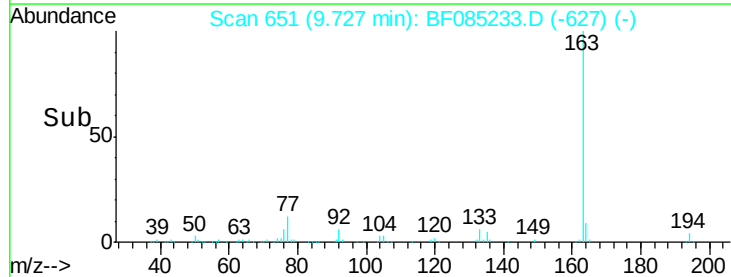
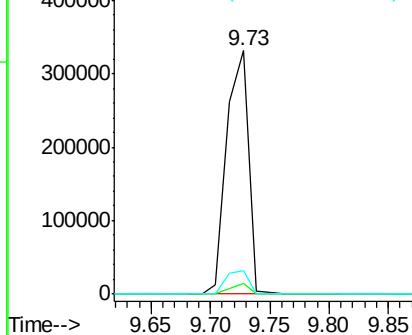


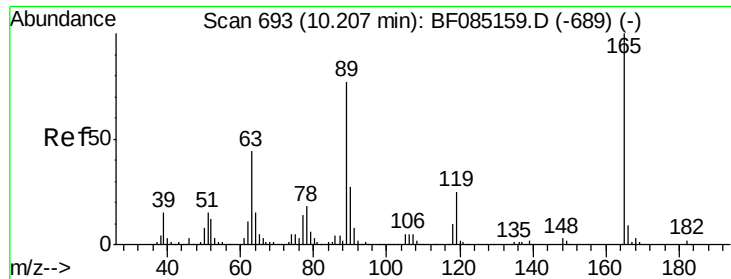
#49
Dimethylphthalate
Concen: 18.15 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF085233.D
Acq: 5 Mar 2016 5:26

Tgt Ion:163 Resp: 421166
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 9.4 8.2 12.4



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

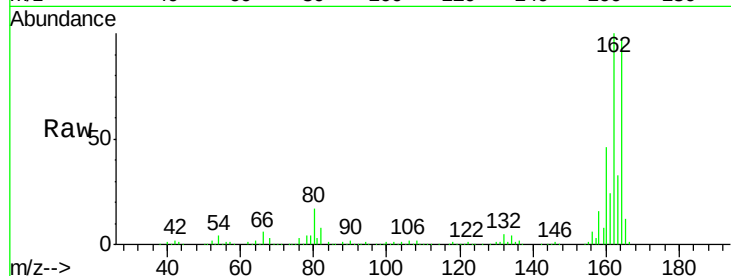




#56
 2,4-Dinitrotoluene
 Concen: 6.17 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.19 min
 Lab File: BF085233.D
 Acq: 5 Mar 2016 5:26

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.4	53.0#
89	1.7	61.9	92.9#
182	0.0	1.9	2.9#

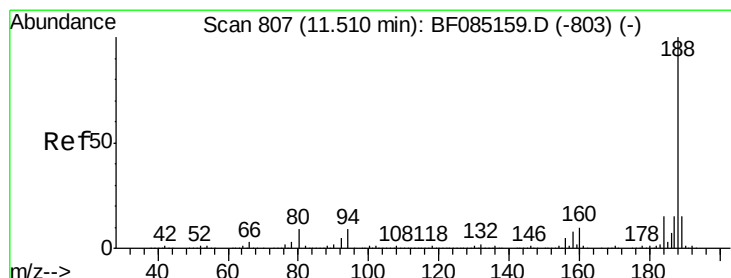
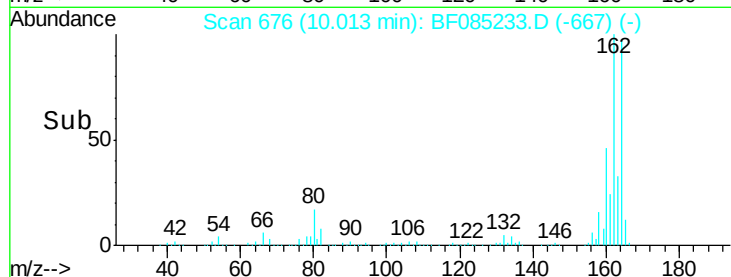
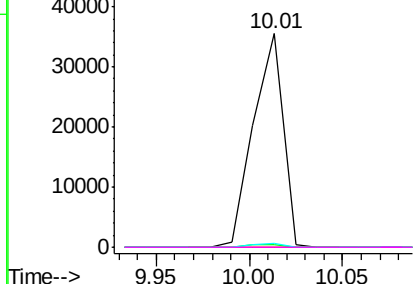


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

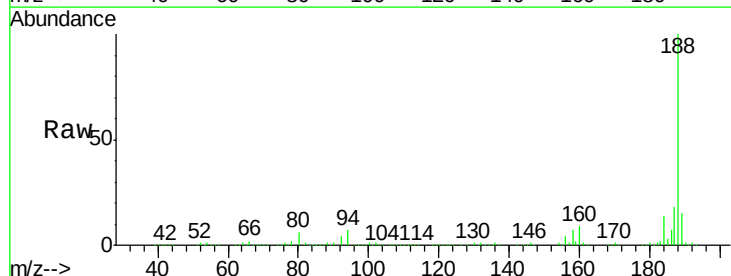
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF085233.D
 Acq: 5 Mar 2016 5:26

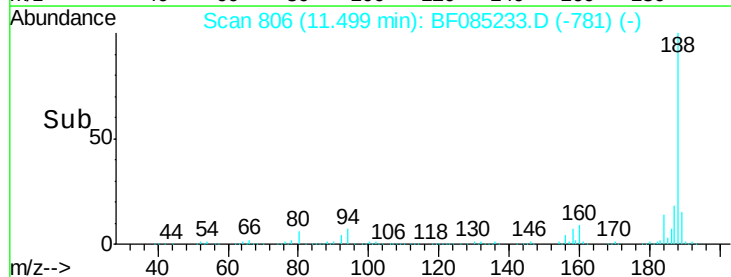
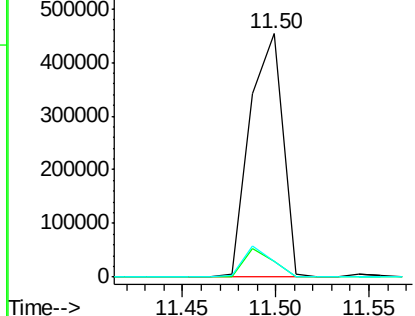
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	7.0	10.6#
80	6.4	7.4	11.0#

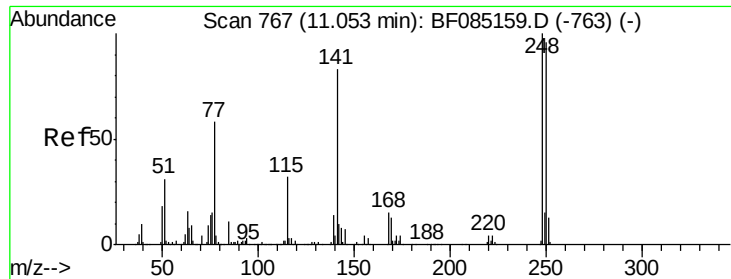


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.21 ng

RT: 10.80 min Scan# 745

Delta R.T. -0.25 min

Lab File: BF085233.D

Acq: 5 Mar 2016 5:26

Instrument :

BNA_F

ClientSampled :

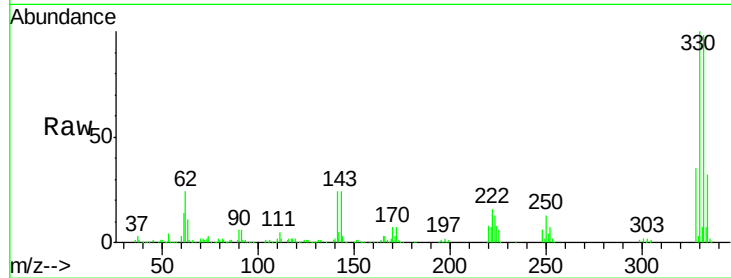
Tgt Ion:248 Resp: 28075

Ion Ratio Lower Upper

248 100

250 204.2 77.1 115.7#

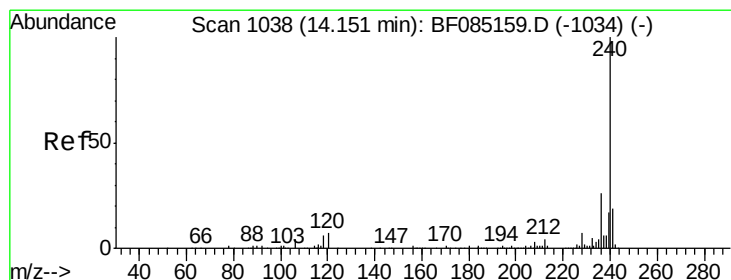
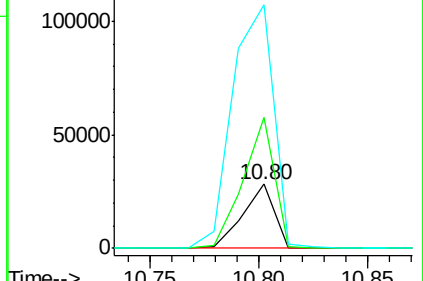
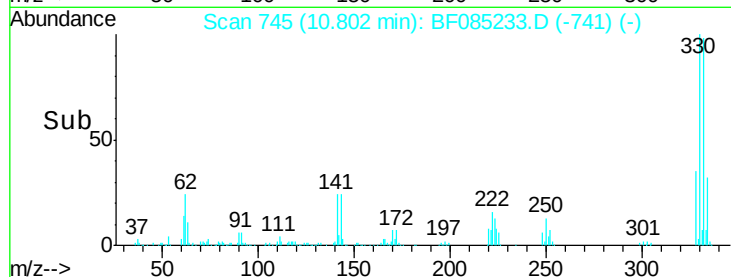
141 380.2 66.2 99.2#



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: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085233.D

Acq: 5 Mar 2016 5:26

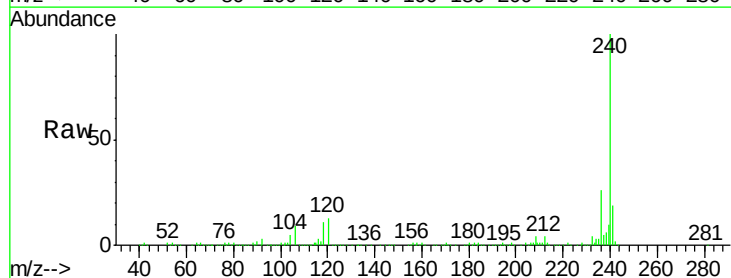
Tgt Ion:240 Resp: 364502

Ion Ratio Lower Upper

240 100

120 13.1 5.3 7.9#

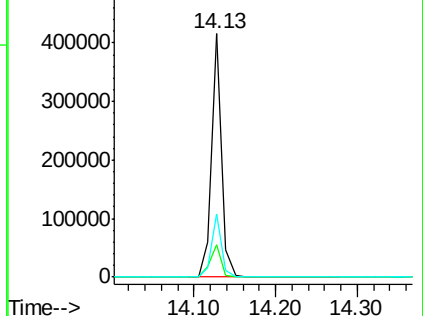
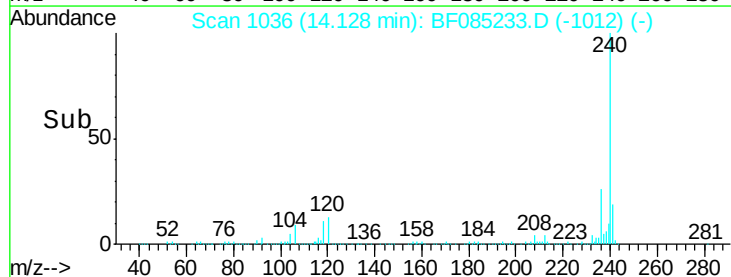
236 25.9 20.7 31.1

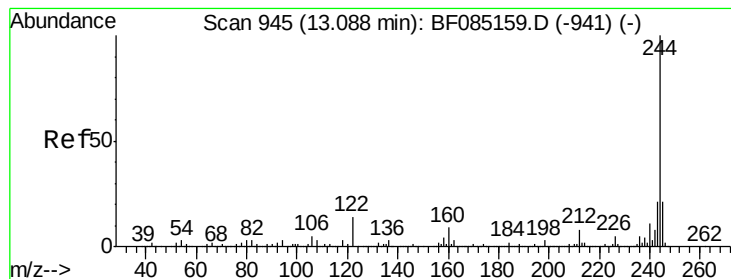


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.79 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085233.D

Acq: 5 Mar 2016 5:26

Instrument :

BNA_F

ClientSampled :

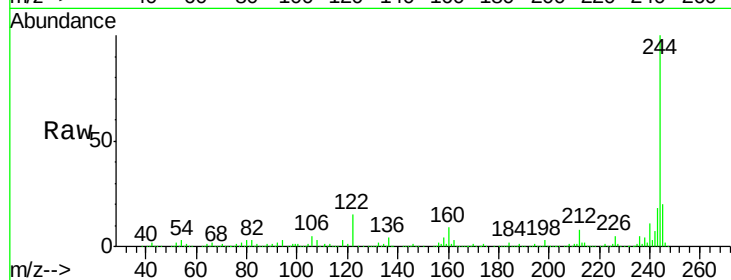
Tgt Ion:244 Resp: 1378523

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

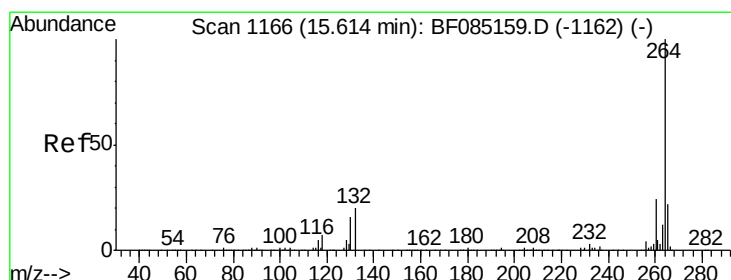
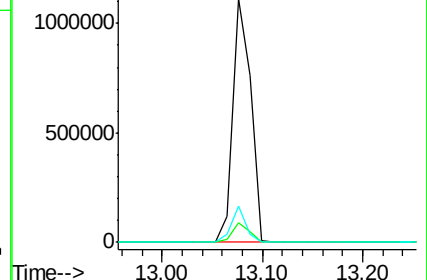
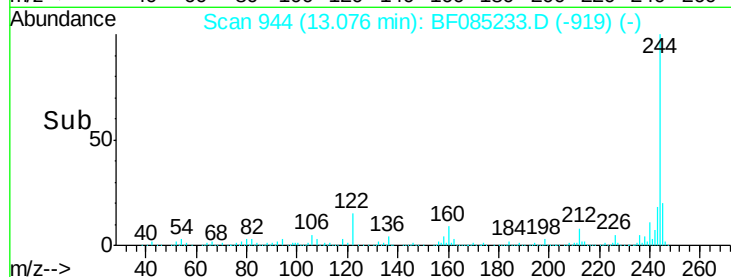
122 14.9 11.4 17.2



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: BF085233.D

Acq: 5 Mar 2016 5:26

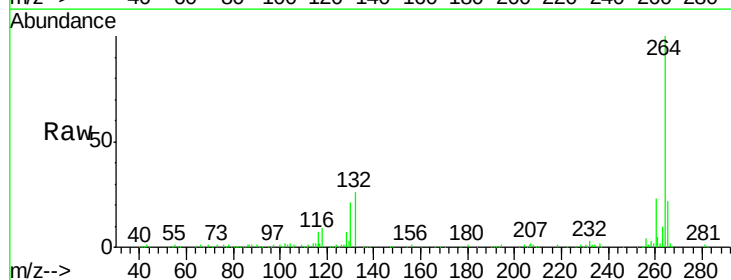
Tgt Ion:264 Resp: 256179

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.6 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

