

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085428.D
 Acq On : 14 Mar 2016 14:54
 Operator : UM/SJ
 Sample : PB88829BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BL

Quant Time: Mar 15 00:58:58 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

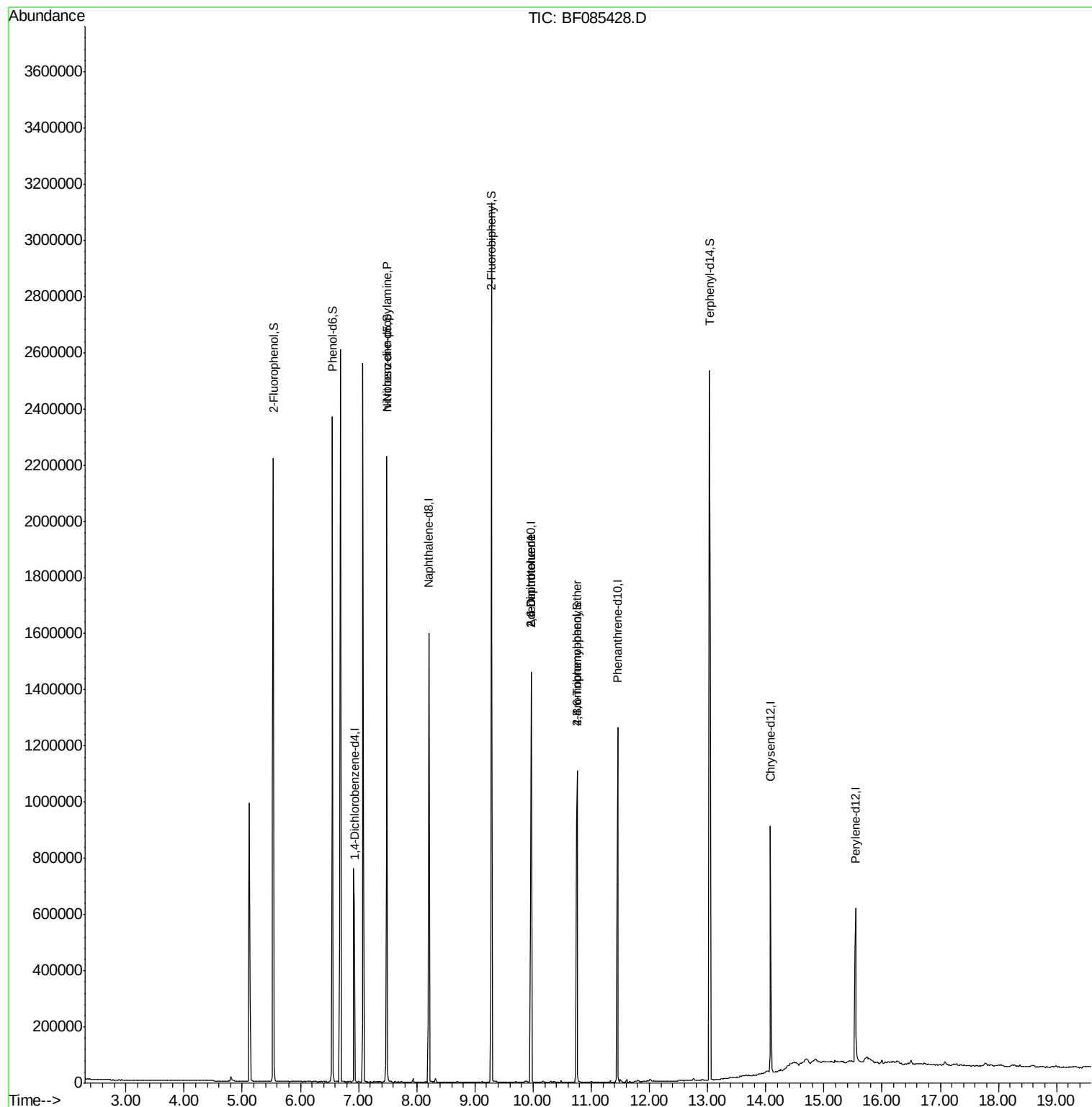
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	159320	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	663265	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	307815	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	553129	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	296434	20.00	ng	-0.07
86) Perylene-d12	15.55	264	267466	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	696061	73.28	ng	-0.05
7) Phenol-d6	6.55	99	931177	74.83	ng	-0.06
23) Nitrobenzene-d5	7.49	82	787994	63.57	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	177748	67.49	ng	-0.06
44) 2-Fluorobiphenyl	9.28	172	1206101	59.59	ng	-0.07
78) Terphenyl-d14	13.03	244	997083	78.08	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	104846	12.93	ng	# 77
50) 2,6-Dinitrotoluene	9.97	165	39061	7.73	ng	# 26
56) 2,4-Dinitrotoluene	9.97	165	39054	6.04	ng	# 22
66) 4-Bromophenyl-phenylether	10.76	248	11630	2.17	ng	# 1

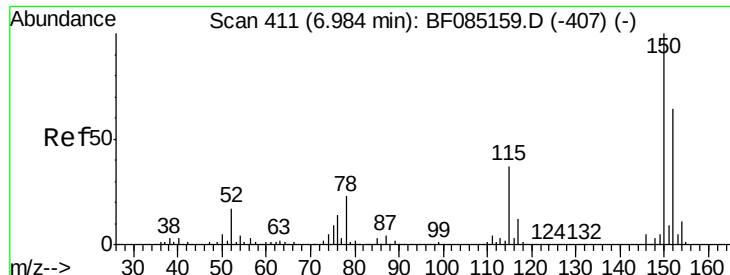
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.93 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF085428.D

Acq: 14 Mar 2016 14:54

Instrument :

BNA_F

ClientSampleId :

PB88829BL

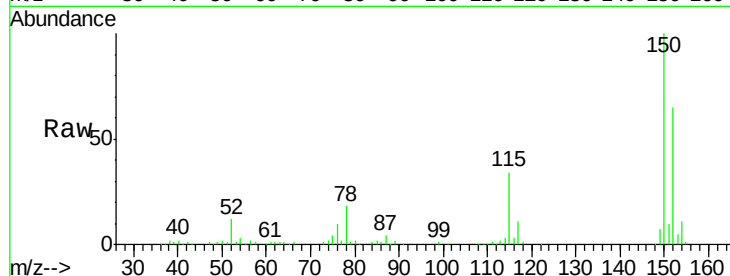
Tgt Ion:152 Resp: 159320

Ion Ratio Lower Upper

152 100

150 154.1 124.6 186.8

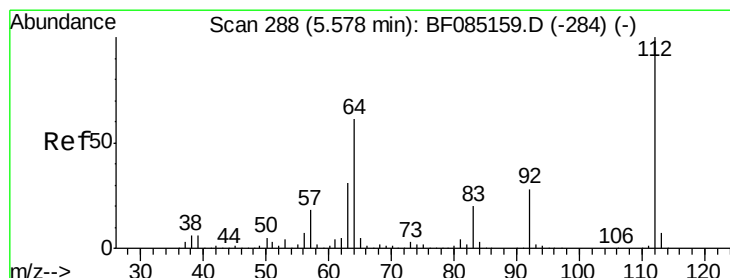
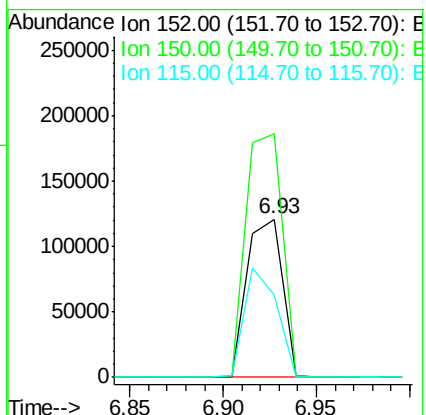
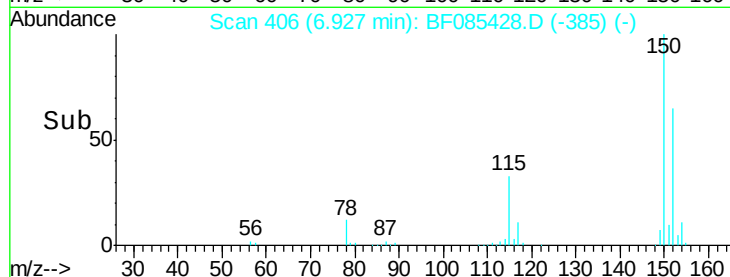
115 52.0 46.6 70.0



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: 73.28 ng

RT: 5.53 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF085428.D

Acq: 14 Mar 2016 14:54

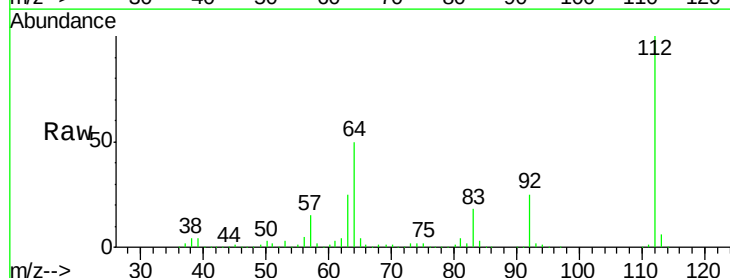
Tgt Ion:112 Resp: 696061

Ion Ratio Lower Upper

112 100

64 50.4 49.0 73.4

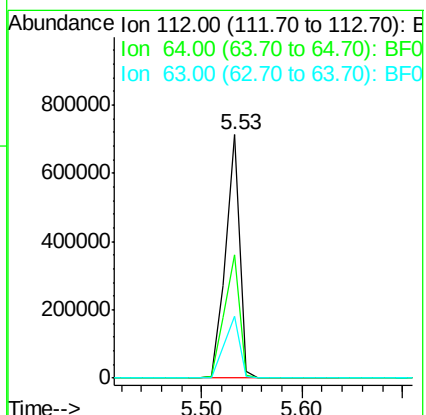
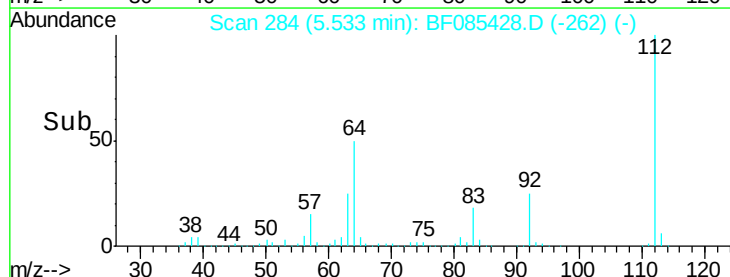
63 25.4 24.8 37.2

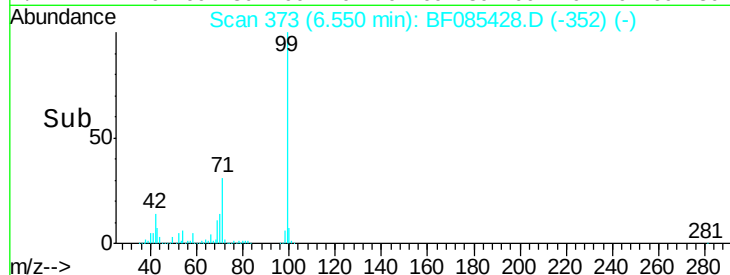
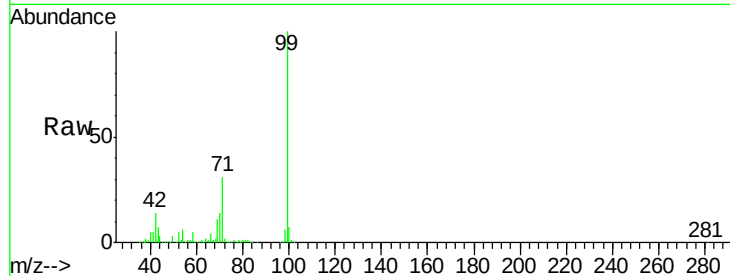
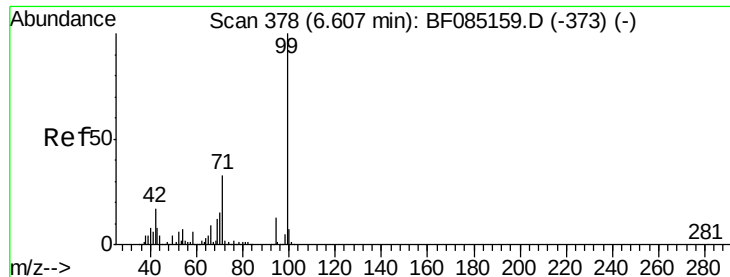


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 74.83 ng

RT: 6.55 min Scan# 373

Delta R.T. -0.06 min

Lab File: BF085428.D

Acq: 14 Mar 2016 14:54

Instrument :

BNA_F

ClientSampleId :

PB88829BL

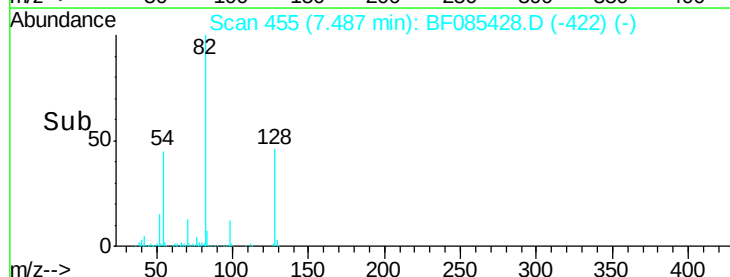
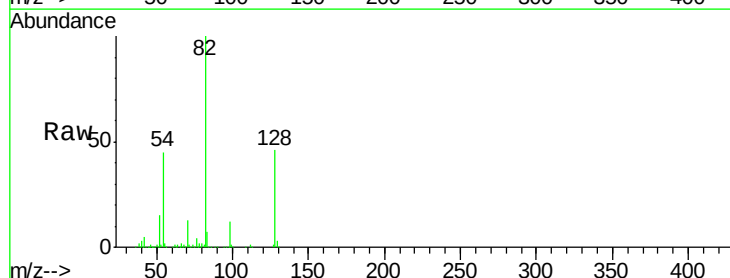
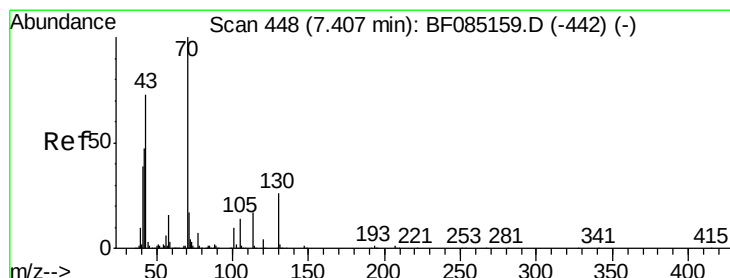
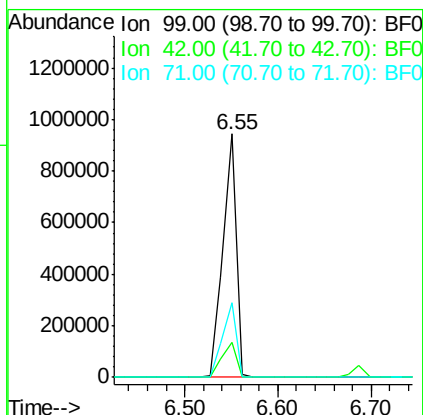
Tgt Ion: 99 Resp: 931177

Ion Ratio Lower Upper

99 100

42 14.2 13.6 20.4

71 30.9 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 12.93 ng

RT: 7.49 min Scan# 455

Delta R.T. 0.08 min

Lab File: BF085428.D

Acq: 14 Mar 2016 14:54

Tgt Ion: 70 Resp: 104846

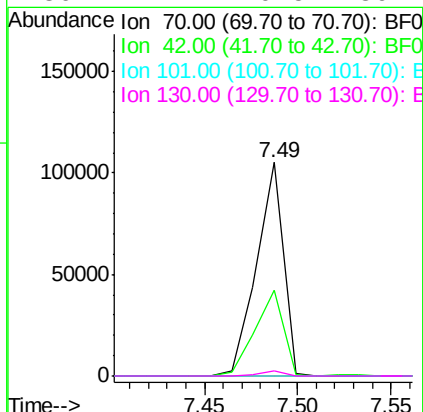
Ion Ratio Lower Upper

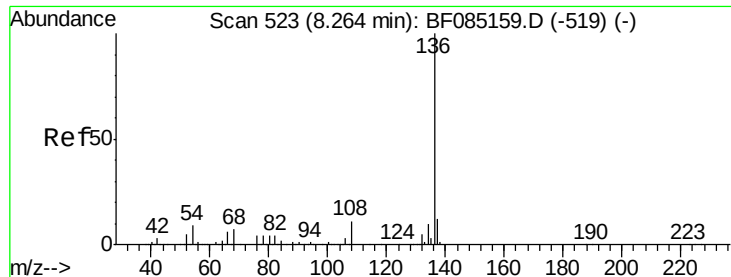
70 100

42 40.4 37.7 56.5

101 0.0 8.2 12.4#

130 2.2 20.5 30.7#

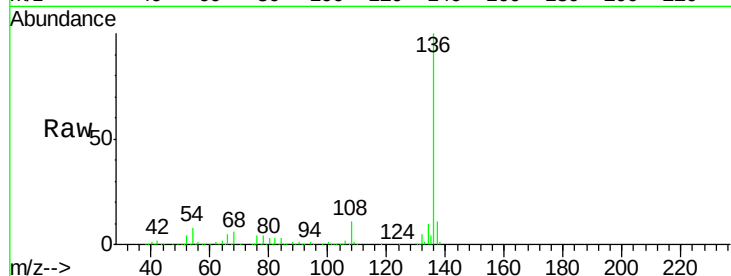




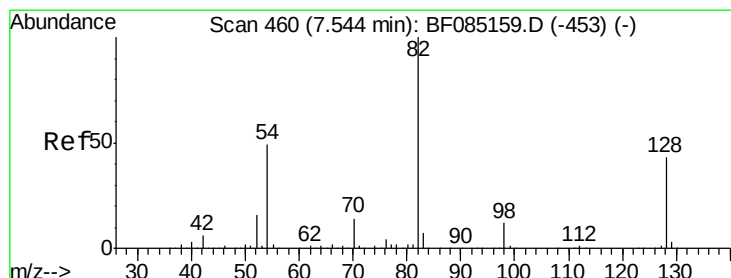
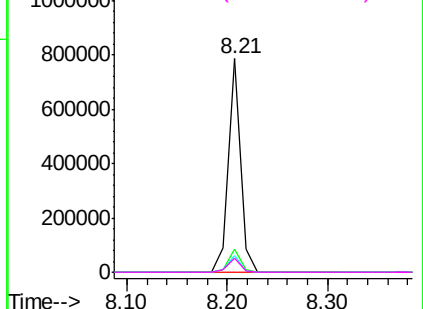
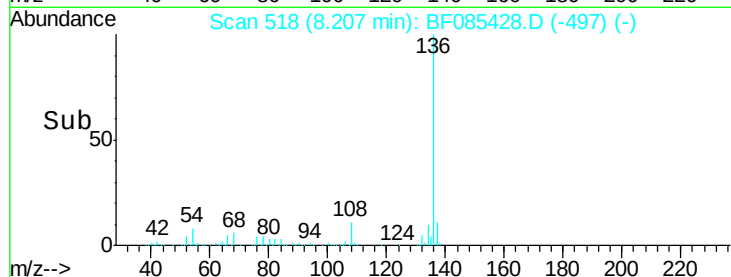
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF085428.D
Acq: 14 Mar 2016 14:54

Instrument :
BNA_F
ClientSampleId :
PB88829BL

Tgt Ion:	136	Resp:	663265
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	7.6	7.4	11.2
68	6.3	6.0	9.0

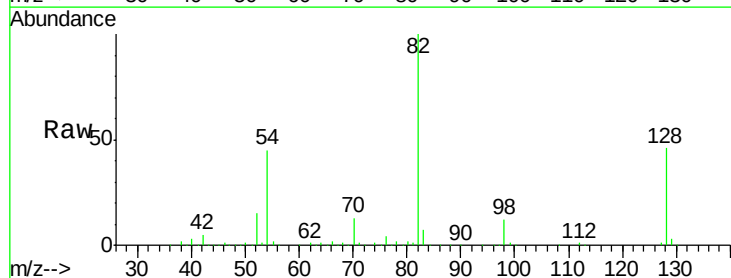


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

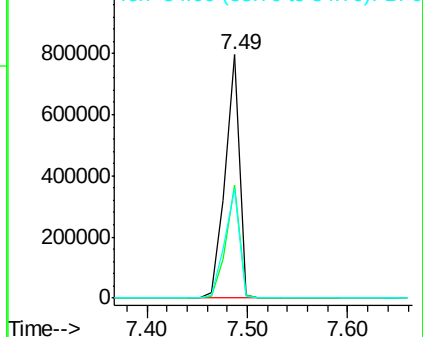
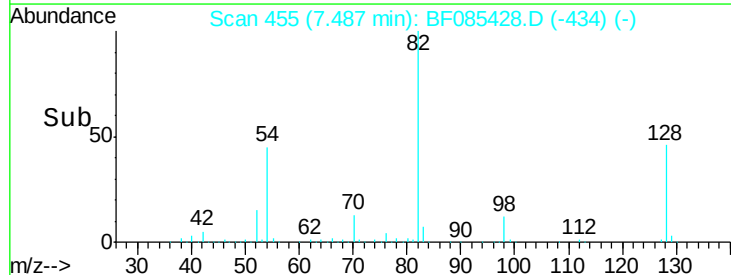


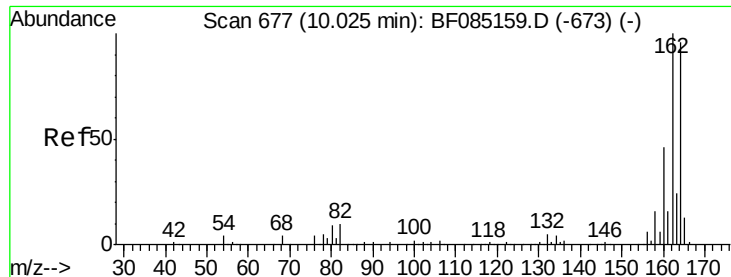
#23
Nitrobenzene-d5
Concen: 63.57 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.06 min
Lab File: BF085428.D
Acq: 14 Mar 2016 14:54

Tgt Ion:	82	Resp:	787994
Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.5	51.7
54	44.6	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

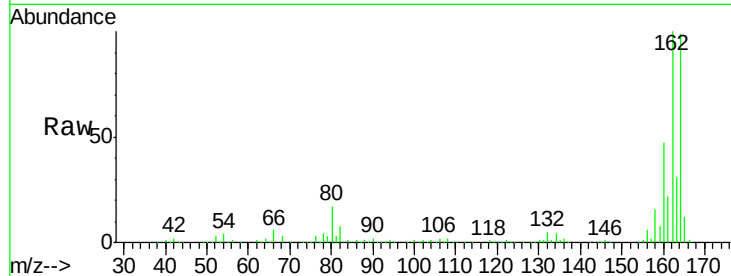




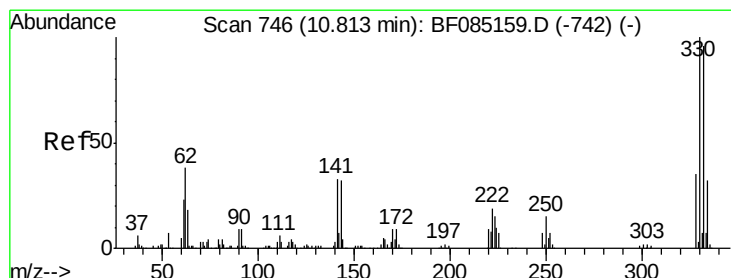
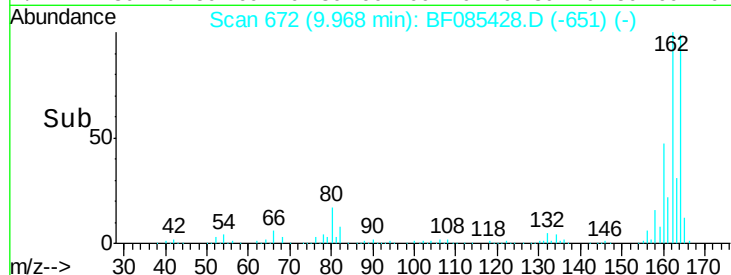
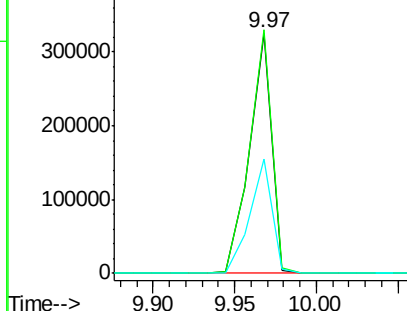
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF085428.D
 Acq: 14 Mar 2016 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BL

Tgt Ion:164 Resp: 307815
 Ion Ratio Lower Upper
 164 100
 162 101.5 83.3 124.9
 160 47.8 37.9 56.9

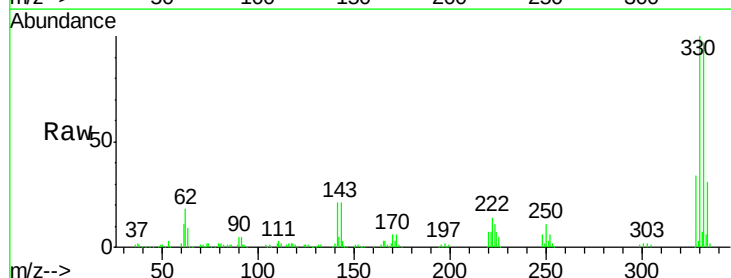


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

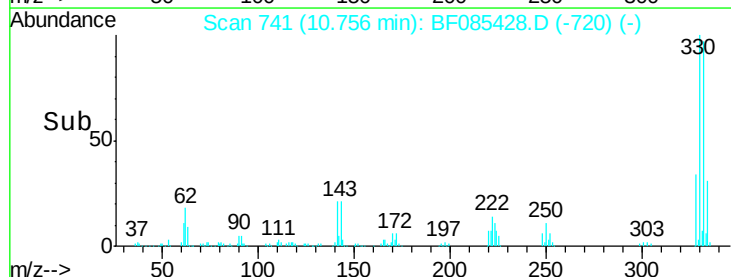
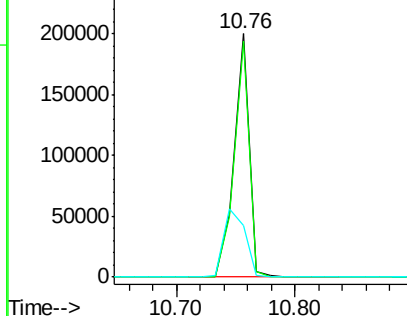


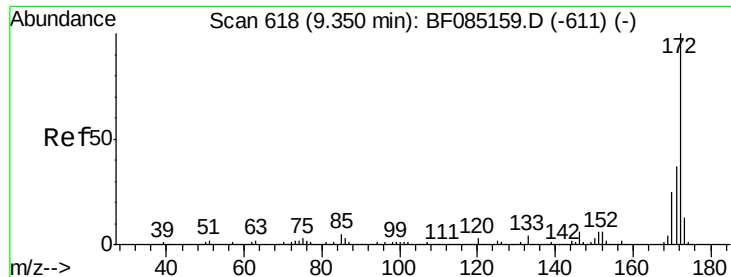
#41
 2,4,6-Tribromophenol
 Concen: 67.49 ng
 RT: 10.76 min Scan# 741
 Delta R.T. -0.06 min
 Lab File: BF085428.D
 Acq: 14 Mar 2016 14:54

Tgt Ion:330 Resp: 177748
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.1 115.7
 141 39.5 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

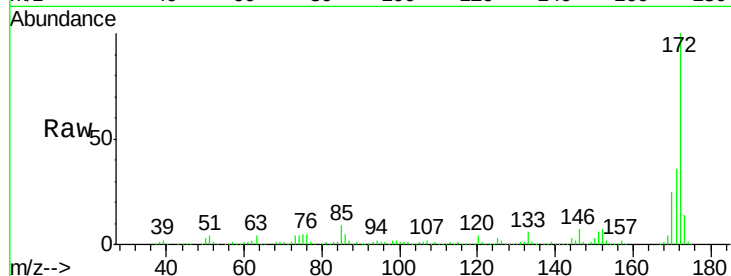




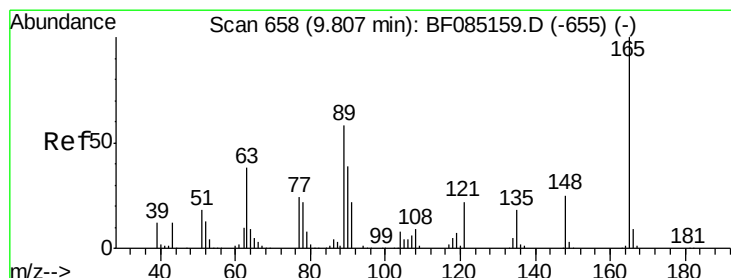
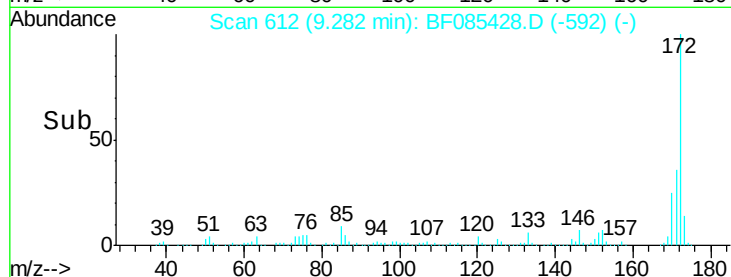
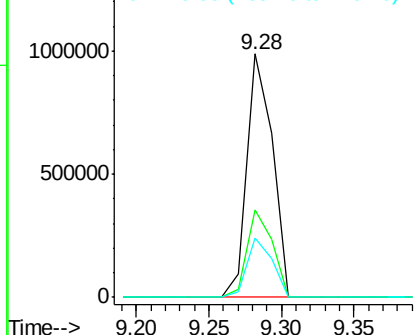
#44
 2-Fluorobiphenyl
 Concen: 59.59 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.07 min
 Lab File: BF085428.D
 Acq: 14 Mar 2016 14:54

Instrument :
 BNA_F
 ClientSampled :
 PB88829BL

Tgt Ion:172 Resp: 1206101
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.3 43.9
 170 24.6 20.0 30.0

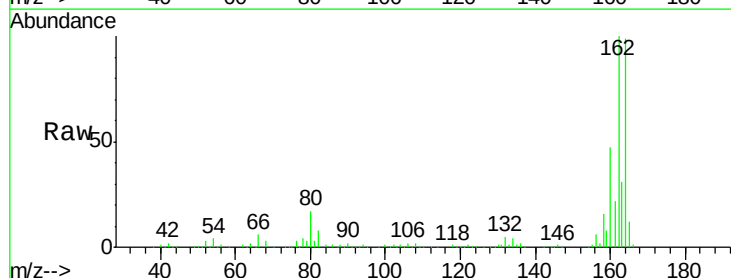


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

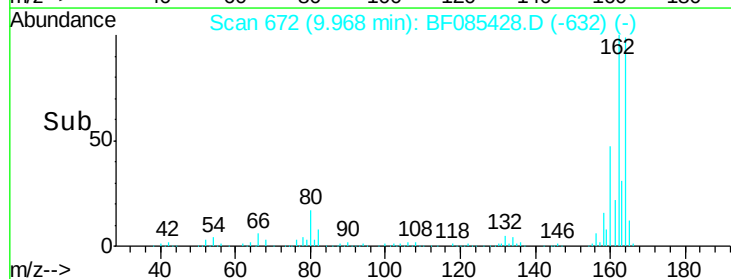
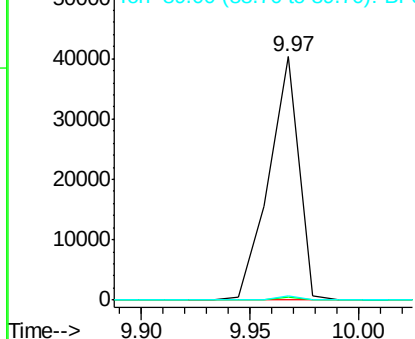


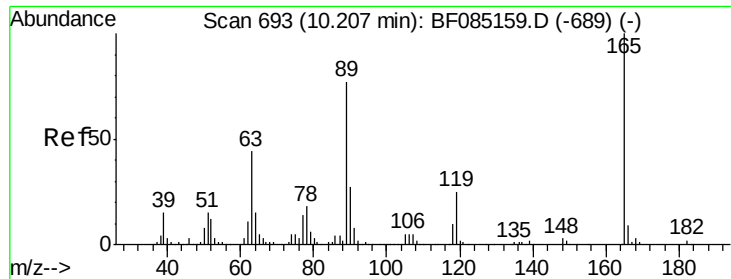
#50
 2,6-Dinitrotoluene
 Concen: 7.73 ng
 RT: 9.97 min Scan# 672
 Delta R.T. 0.16 min
 Lab File: BF085428.D
 Acq: 14 Mar 2016 14:54

Tgt Ion:165 Resp: 39061
 Ion Ratio Lower Upper
 165 100
 63 1.1 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

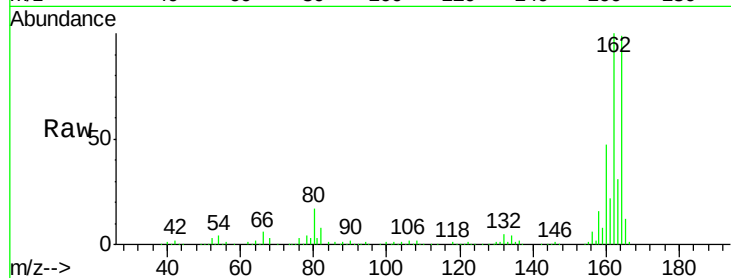




#56
 2,4-Dinitrotoluene
 Concen: 6.04 ng
 RT: 9.97 min Scan# 672
 Delta R.T. -0.24 min
 Lab File: BF085428.D
 Acq: 14 Mar 2016 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BL

Tgt Ion:	165	Resp:	39054
Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.4	53.0#
89	1.7	61.9	92.9#
182	0.0	1.9	2.9#

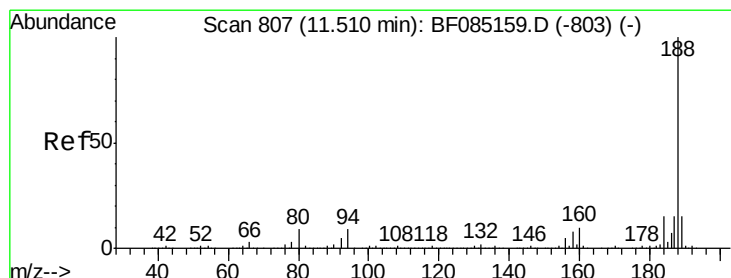
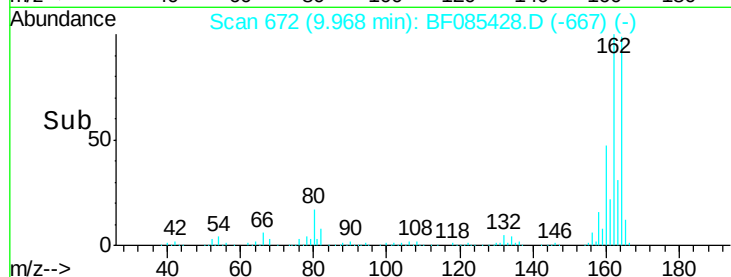
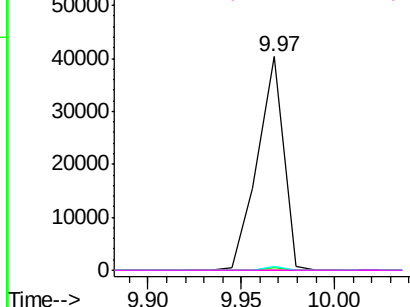


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

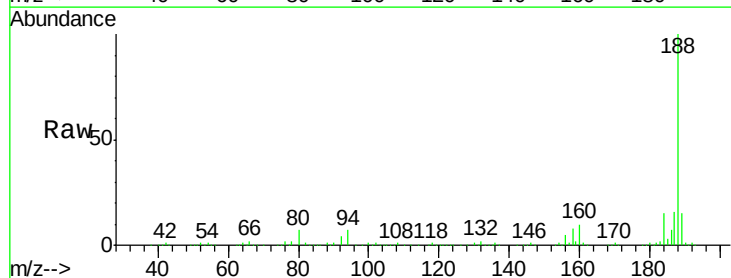
Ion 89.00 (88.70 to 89.70): BF0

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: BF085428.D
 Acq: 14 Mar 2016 14:54

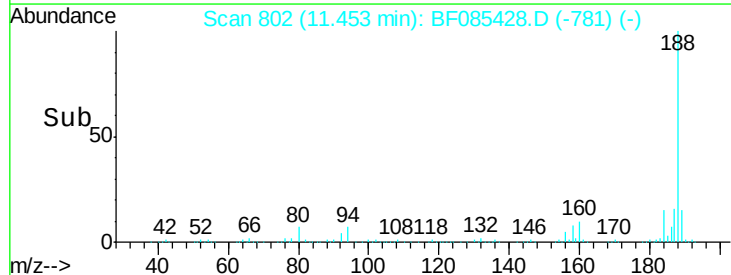
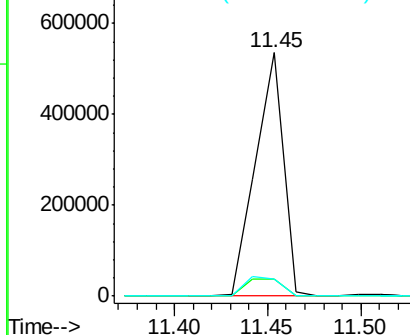
Tgt Ion:	188	Resp:	553129
Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.0	10.6
80	6.9	7.4	11.0#

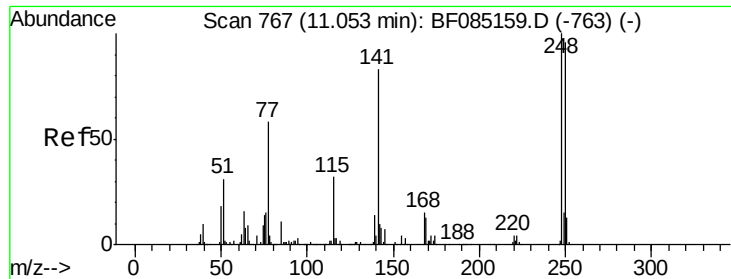


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

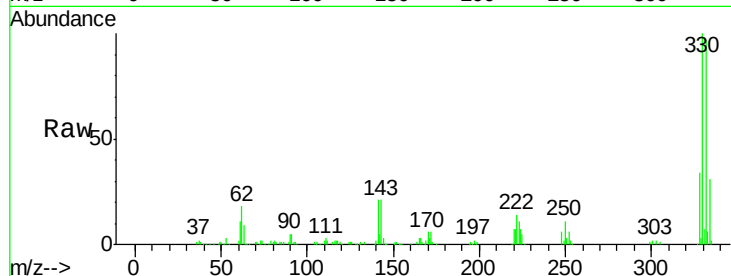




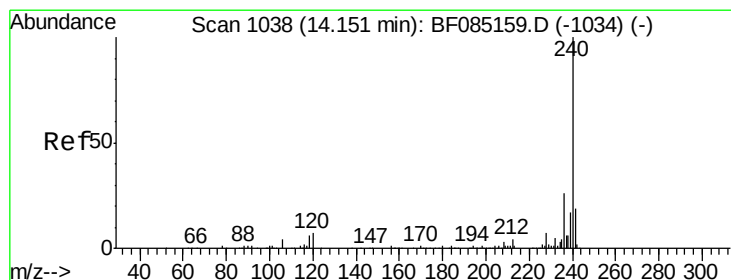
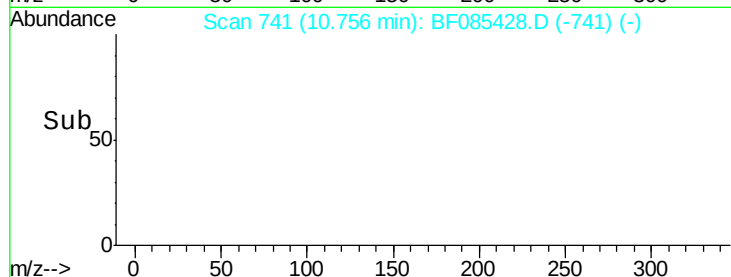
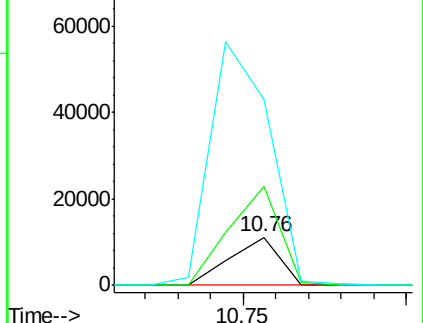
#66
 4-Bromophenyl-phenylether
 Concen: 2.17 ng
 RT: 10.76 min Scan# 741
 Delta R.T. -0.30 min
 Lab File: BF085428.D
 Acq: 14 Mar 2016 14:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88829BL

Tgt Ion:248 Resp: 11630
 Ion Ratio Lower Upper
 248 100
 250 204.0 77.1 115.7#
 141 384.0 66.2 99.2#

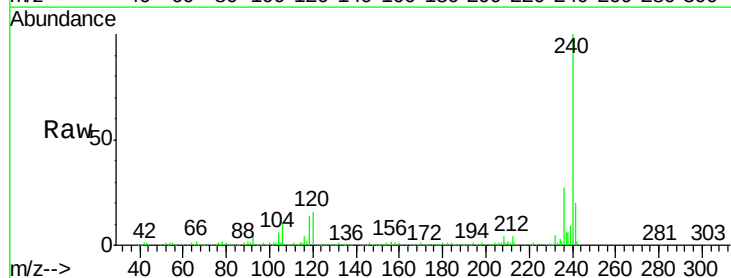


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

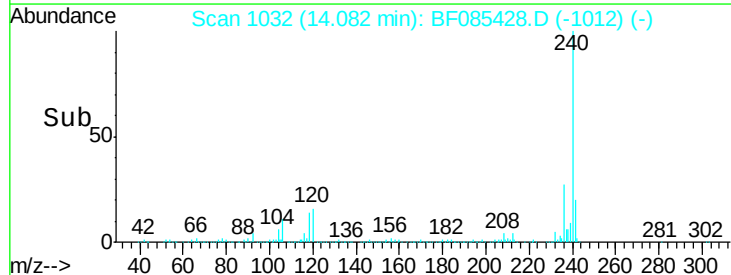
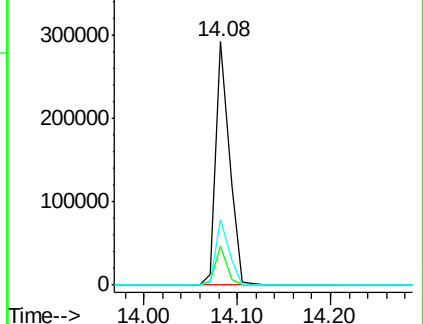


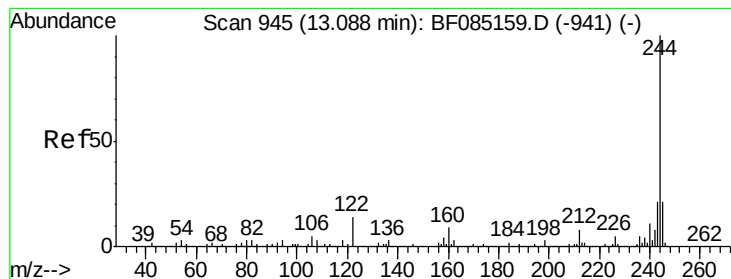
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.07 min
 Lab File: BF085428.D
 Acq: 14 Mar 2016 14:54

Tgt Ion:240 Resp: 296434
 Ion Ratio Lower Upper
 240 100
 120 16.2 5.3 7.9#
 236 26.9 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: 78.08 ng

RT: 13.03 min Scan# 940

Delta R.T. -0.06 min

Lab File: BF085428.D

Acq: 14 Mar 2016 14:54

Instrument :

BNA_F

ClientSampleId :

PB88829BL

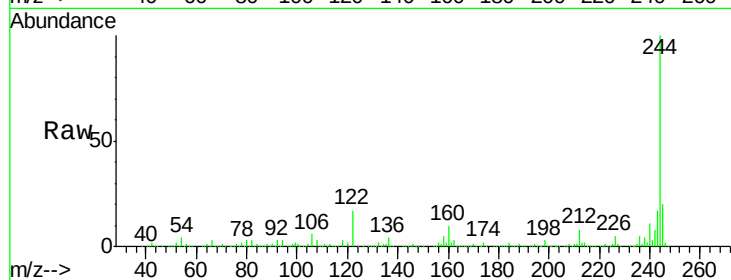
Tgt Ion:244 Resp: 997083

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

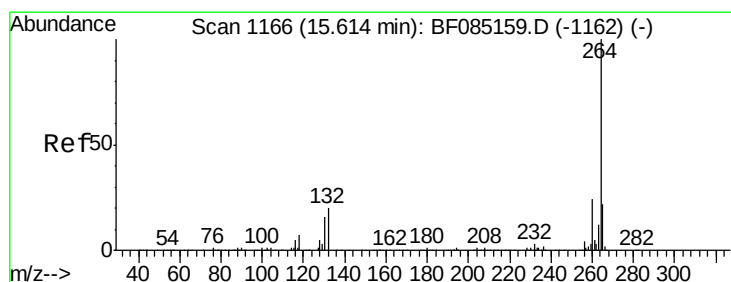
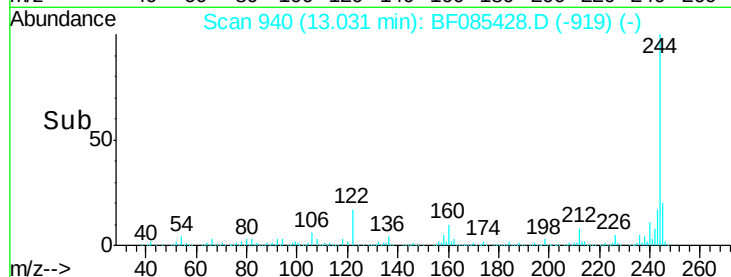
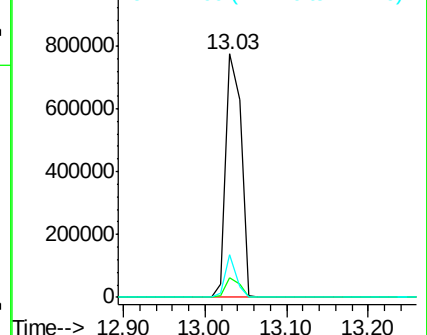
122 17.3 11.4 17.2#



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: 15.55 min Scan# 1160

Delta R.T. -0.07 min

Lab File: BF085428.D

Acq: 14 Mar 2016 14:54

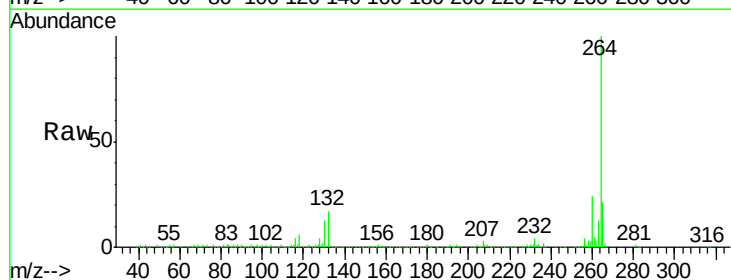
Tgt Ion:264 Resp: 267466

Ion Ratio Lower Upper

264 100

260 23.9 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

